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This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2006 to December 31, 2006. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Keynumbers and Keywords

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^{1}n	2003BE77	NUCLEAR REACTIONS ^{3}He(γ, 2p), (γ, p), E=0.3-1.6 GeV; measured σ(E, θ). Other reaction channels discussed. JOUR MPLAE 18 225
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	2005CRZY	NUCLEAR REACTIONS ^{2}H(n, np), (n, 2n), E=19.0 MeV; measured En, Ep, nn-, np-coin, σ(E, θ). REPT TUNL-XLIV,P25,Crowe
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	2006DH03	NUCLEAR REACTIONS ^{1,2}H(polarized e, e'X), E=1.6, 5.7 GeV; measured virtual photon asymmetry; deduced quark polarizations. ^{1,2}H deduced polarized structure function. Polarized target, comparison with other results, model predictions. JOUR PYLBB 641 11

A=2 *(continued)*

	2006DO09	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501
	2006DZ01	NUCLEAR REACTIONS ^{1}H(p, K^{+}K^{0}), E=2.65, 2.83 GeV; measured invariant mass and angular distributions; deduced total σ. JOUR ZAANE 29 245
	2006EL03	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X), E=94 MeV / nucleon; measured fragment yields. ^{1}H(^{31}Na, ^{31}Na'), (^{30}Na, ^{30}Na'), (^{31}Na, ^{30}Na), (^{34}Mg, ^{34}Mg'), (^{34}Mg, ^{33}Mg), (^{33}Mg, ^{33}Mg'), E $\approx$ 50 MeV / nucleon; measured Eγ, Iγ, σ. ^{30,31}Na, ^{33,34}Mg deduced transition energies, deformation parameters. ^{30}Na deduced excited state energy. JOUR PRVCA 73 044314
	2006EL05	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. JOUR PRVCA 74 017306
	2006ELZZ	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. REPT ATOMKI 2005 Annual,P11,Elekes
	2006FO04	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=1.18, 5.0, 6.88, 9.0 MeV; measured spin-dependent cross section difference. Polarized target, comparison with model predictions. JOUR PRVCA 73 034002
	2006NA10	NUCLEAR REACTIONS ^{3}He(γ, p), (γ, 2p), E=10.2, 16.0 MeV; measured charged particle spectra, σ. Comparison with model predictions. JOUR PRVCA 73 034003
	2006OS02	NUCLEAR REACTIONS ^{2}H(e, e), E=2.474, 5.770 GeV; measured elastic σ(x, Q^{2}); deduced deuteron structure function, moments. Comparison with perturbative QCD calculations. JOUR PRVCA 73 045205
	2006TU08	NUCLEAR REACTIONS ^{7}Li(^{3}He, 2α), E=33 MeV; measured Eα, $\alpha\alpha$-coin; deduced quasi-free contribution. ^{7}Li(p, α), E(cm) $\approx$ 0-7 MeV; deduced σ. JOUR ZAANE 27 s01 243
	2006TUZZ	NUCLEAR REACTIONS ^{7}Li(^{3}He, 2α), E=33 MeV; measured Eα, $\alpha\alpha$-coin. ^{7}Li(p, 2α), E(cm)=0.2-7 MeV; deduced σ. Trojan Horse method. CONF Isle of Kos (FINUSTAR),Proc,P309
	2006WI09	NUCLEAR REACTIONS ^{2}H(polarized p, p), (polarized p, d), E=22.7 MeV; measured spin transfer coefficients. Comparison with model predictions using various potentials. JOUR PRVCA 73 044004

A=3

^{3}H	2003SA70	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=200, 270 MeV; measured tensor and vector analyzing powers. Comparison with model predictions. JOUR MPLAE 18 294

A=3 ***(continued)***

2005GO48 NUCLEAR REACTIONS ^{3}H(α, dα), (α, 2d), E=67.2 MeV; measured deuteron and α spectra, dd-, dα-coin. ^{5}He deduced excited states energy, widths. Kinematically complete experiment. JOUR BRSPE 69 841

2005LAZV NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing power. REPT JINR-P1-2005-57

2005MIZS NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa

2006CUZZ NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra; deduced excitation energy spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. CONF San Servolo(Fusion06),Proc,P160

2006HU13 NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E $\approx$ 7-55 keV; measured $\sigma(\theta)$, branching ratios for targets embedded in Ta, Sr, Li. JOUR ZAANE 27 s01 187

2006IM02 NUCLEAR REACTIONS ^{2}H(polarized d, p), E=58 keV; measured polarization transfer coefficient. Comparison with model predictions. JOUR PRVCA 73 024001

2006JE02 NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{8}Li), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{8}Li levels deduced energies, spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 635 17

2006LA17 NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing powers. JOUR PANUE 69 1271

2006LE19 NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured Ep, En, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. JOUR PRVCA 73 045801

2006LEZZ NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured $\sigma(\theta)$, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. PREPRINT nucl-ex/0601035,1/25/2006

2006MI10 NUCLEAR REACTIONS ^{4}He(p, 2p), E=1 GeV; measured proton spectra, pp-coin, polarization vs angle. ^{4}He(p, p), E=1 GeV; measured outgoing proton polarization vs angle. JOUR PANUE 69 452

2006MI16 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146

2006NA25 NUCLEAR REACTIONS ^{2}H(n, γ), E=30.5, 54.2, 531 keV; measured Eγ, Iγ, σ; deduced astrophysical reaction rates. Comparison with model predictions. JOUR PRVCA 74 025804

2006RA19 NUCLEAR REACTIONS ^{2}H(d, p), E $\approx$ 4-23 keV; measured S-factors, electron screening effects for reactions in deuterated metals, temperature dependence. JOUR ZAANE 27 s01 79

A=3 *(continued)*

	2006RO22	NUCLEAR REACTIONS ^{6}Li(n, α), E $\approx$ 0.1-10000 eV; measured Eα, σ(E). Lead-slowing-down spectrometer. JOUR NIMAE 562 771
	2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^{+}), (p, π^{0}), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893
	2006RO28	NUCLEAR REACTIONS ^{239}Pu(n, F), E < 100 keV; measured fission σ. ^{6}Li(n, α), E < 10 keV; measured σ. Lead slowing-down spectrometer. JOUR NIMAE 564 400
	2006ZH29	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Ep, Eγ, branching ratio. ^{2}H(d, γ), E=low; deduced astrophysical S-factor. JOUR CPLEE 23 2703
^{3}He	2003SA70	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=200, 270 MeV; measured tensor and vector analyzing powers. Comparison with model predictions. JOUR MPLAE 18 294
	2003YA23	NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=200 MeV; measured $\sigma(\theta)$, analyzing powers; deduced three-nucleon force effects. JOUR MPLAE 18 322
	2005CRZX	NUCLEAR REACTIONS ^{3}He(polarized n, n), E=3.14, 4.05, 5.54 MeV; measured Ay(θ). Comparison with model predictions. REPT TUNL-XLIV,P31,Crowe
	2005LAZV	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing power. REPT JINR-P1-2005-57
	2006ANZY	NUCLEAR REACTIONS ^{3}He(polarized e, e'), E=0.778, 1.727 GeV; measured spin-dependent transverse asymmetry vs momentum transfer; deduced final-state interaction and meson exchange current effects. ^{1}n deduced magnetic form factor. Polarized target. PREPRINT nucl-ex/0605006,5/9/2006
	2006BA29	NUCLEAR REACTIONS ^{2}H(p, $\pi^{+}\pi^{-}$), (p, 2π^{0}), E=0.893 GeV; measured $\sigma(\theta)$, invariant mass distributions. Comparison with $\Delta\Delta$-excitation calculations. JOUR PYLBB 637 223
	2006BA45	NUCLEAR REACTIONS ^{1}H(p, p$\pi^{+}\pi^{-}$), (p, p2π^{0}), E=0.775-1.45 GeV; ^{2}H(p, 2π^{0}), E=0.775-1.45 GeV; measured invariant mass spectra; deduced low-mass enhancement, other reaction mechanism features. JOUR APSVC 56 285
	2006BEZW	NUCLEAR REACTIONS ^{2}H(p, K^{+}K^{-}), E at 2570-2620 GeV / c; measured kaon pair spectra, σ(E, θ); deduced ϕ-meson contribution. PREPRINT nucl-ex/0608047,8/28/2006
	2006FI06	NUCLEAR REACTIONS ^{3}He(p, p), (polarized p, p), E=0.99, 1.59, 2.24, 3.11, 4.02 MeV; measured $\sigma(\theta)$, Ay(θ). Four-body variational calculations with realistic two- and three-body interactions. JOUR PRVCA 74 034001
	2006FIZY	NUCLEAR REACTIONS ^{1}H(^{3}He, ^{3}He), (^{3}He, p), E=3-12 MeV; measured particle spectra, $\sigma(\theta)$. ^{3}He(polarized p, p), E=1.6-4 MeV; measured Ay(θ). Comparison with model predictions. PREPRINT nucl-ex/0608024,8/15/2006

A=3 ***(continued)***

2006GE02	NUCLEAR REACTIONS ^{2}H(d, n), E $\approx$ 20-200 keV; measured neutron spectra, yields. Deuteron beam from electrostatic field of pyroelectric crystal in a deuterated atmosphere. JOUR PRLTA 96 054803
2006HA30	NUCLEAR REACTIONS ^{2}H(d, n), E=2.45 MeV; measured neutron spectra. Large-area neutron spectrometer. JOUR NIMAE 564 486
2006HU13	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E $\approx$ 7-55 keV; measured $\sigma(\theta)$, branching ratios for targets embedded in Ta, Sr, Li. JOUR ZAANE 27 s01 187
2006HU16	NUCLEAR REACTIONS ^{1,2}H, ^{3}He(n, n), E=low; measured scattering amplitudes. JOUR PHYBE 385-386 1365
2006IM01	NUCLEAR REACTIONS ^{2}H(d, n), E at rest; measured time dependent neutron yield from muon-catalyzed-fusion for normal- and ortho-D_2; deduced formation rates. JOUR PYLBB 632 192
2006JA15	NUCLEAR REACTIONS ^{2}H(p, X)^{3}He, E=892.5 MeV; measured η-meson production associated invariant mass spectra; deduced η decay features. JOUR APSVC 56 367
2006KE05	NUCLEAR REACTIONS ^{3}He(n, n), E=low; measured coherent scattering length. Neutron interferometry technique, comparison with previous results. JOUR ZAANE 27 243
2006KL03	NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=29, 45 MeV; measured Eγ, vector and tensor analyzing powers. Comparison with model predictions. JOUR PRVCA 73 034005
2006LA17	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing powers. JOUR PANUE 69 1271
2006LE07	NUCLEAR REACTIONS ^{3}He(n, n), E=0.01-1 eV; measured beam polarization. Polarized target. JOUR KPSJA 48 233
2006LE19	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured Ep, En, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. JOUR PRVCA 73 045801
2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
2006LEZZ	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured $\sigma(\theta)$, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. PREPRINT nucl-ex/0601035,1/25/2006
2006MCZY	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E=15 MeV; measured recoil Eα. ^{3}He(p, p), E=1.0, 2.5 MeV; measured backscattered Ep. Helium targets implanted in aluminum. PREPRINT nucl-ex/0608027,8/16/2006
2006MO08	NUCLEAR MOMENTS ^{3}He; measured isotope shift, hfs; deduced charge radius. JOUR PLRAA 73 034502
2006NIZY	NUCLEAR REACTIONS ^{4}He(γ, n), E=23-70 MeV; measured En, $\sigma(\theta)$; deduced angle-integrated total σ. Tagged photons, comparison with previous results. PREPRINT nucl-ex/0603030,3/29/2006
2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^+), (p, π^0), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893

A=3 *(continued)*

	2006SC19	NUCLEAR REACTIONS ^{2}H(p, X)^{3}He, E=1360, 1450 MeV; measured missing mass spectra; deduced possible ω production. JOUR APSVC 56 299
	2006SKZX	NUCLEAR REACTIONS ^{2}H(p, $2\pi^0$), (p, $\pi^+\pi^-$), E=0.895 MeV; ^{1}H(p, $2\pi^0$), E=1.0, 1.1, 1.2 GeV; measured invariant mass spectra; deduced low-mass enhancement features. PREPRINT nucl-ex/0612016,12/11/2006
	2006SMZZ	NUCLEAR REACTIONS ^{1}H(d, X)^{3}He, E at 3.095-3.180 GeV / c; measured missing mass spectra, excitation functions for neutral pion and η production. PREPRINT nucl-ex/0612009,12/08/2006
	2006TA02	NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured Eγ, En for deuterated benzene and acetone mixtures. Acoustic inertial confinement. JOUR PRLTA 96 034301

A=4

^{4}He	2005LA33	NUCLEAR REACTIONS ^{6}Li(^{3}He, pα), E=5, 6 MeV; measured Ep, Eα, pα-coin, $\sigma(\theta)$, angular correlations; deduced reaction mechanism features. ^{3}He(d, p), E(cm) $\approx$ 0-600 keV; deduced σ, astrophysical S-factors. Trojan horse method. JOUR PRVCA 72 065802
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006AN02	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange electric form factor. JOUR PRLTA 96 022003
	2006BAZU	NUCLEAR REACTIONS ^{4}He(^{14}O, ^{14}O'), E=60 MeV / nucleon; measured particle spectra following excited nucleus decay. ^{14}O deduced electric monopole and dipole strength distributions. REPT RIKEN 2005 Annual,P47,Baba
	2006BH03	RADIOACTIVITY ^{8}Li($\beta^-\alpha$) [from ^{7}Li(d, p)]; ^{8}B($\beta^+\alpha$) [from ^{6}Li(^{3}He, n)]; measured β-delayed Eα; deduced final-state continuum shapes. R-matrix analysis, comparison with previous results. JOUR PRVCA 73 055802
	2006BU18	NUCLEAR REACTIONS ^{4}He(e, e'), E=91, 114, 133, 150, 166, 200, 262 MeV; measured longitudinal response functions; deduced Coulomb sum. Comparison with model predictions. JOUR PYLBB 641 156
	2006BY01	NUCLEAR REACTIONS ^{3}He(d, p), E at rest; measured Eγ, Ep, reaction rates for muon-catalyzed fusion. JOUR ZDDNE 38 455

A=4 *(continued)*

2006CHZX	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) $\approx$ 0-1 MeV; ^{3}He(d, p), E(cm) $\approx$ 1-700 keV; ^{15}N(p, α), E(cm) $\approx$ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini
2006DE11	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e'), E=3.03 GeV; measured parity-violating asymmetry. ^{1}H deduced strange form factors. JOUR APOBB 37 31
2006FR01	NUCLEAR REACTIONS ^{4}He(^{6}He, ^{6}He), E=6.1, 7.5, 11.1 MeV; measured Eα, (^{6}He)α-coin, $\sigma(\theta)$. ^{10}Be deduced resonance energy, J, π, width, molecular structure. JOUR PRLTA 96 042501
2006FUZY	NUCLEAR REACTIONS ^{4}He(^{32}Mg, ^{32}Mg'), E=42 MeV / nucleon; measured Eγ, Iγ. ^{32}Mg deduced transition. REPT RIKEN 2005 Annual,P62,Fukui
2006IS02	NUCLEAR REACTIONS ^{9}Be(^{7}Li, ^{8}Li), E=24 MeV; ^{2}H(^{11}B, ^{12}B), E=40 MeV; ^{2}H(^{18}O, ^{16}N), E=73 MeV; measured particle spectra, yields. Radioactive beam production. JOUR NIMAE 560 366
2006KO40	NUCLEAR REACTIONS ^{3}H(d, n), E=350 keV; measured En. ^{19}F, ^{27}Al(n, pX), (n, dX), (n, tX), (n, αX), E=14 MeV; measured particle spectra, $\sigma(\theta)$. ^{1}H(n, p), E=14 MeV; measured $\sigma(\theta)$. Application to fusion reactor modeling discussed. JOUR NIMAE 568 723
2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
2006MI10	NUCLEAR REACTIONS ^{4}He(p, 2p), E=1 GeV; measured proton spectra, pp-coin, polarization vs angle. ^{4}He(p, p), E=1 GeV; measured outgoing proton polarization vs angle. JOUR PANUE 69 452
2006MI16	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146
2006MI30	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, X), E=18 MeV; ^{6}Li(^{6}He, d^{6}He), E=18 MeV; measured charged particle spectra, coincidences; deduced quasi-free scattering off clusters in target nuclei. JOUR EULEE 76 801
2006SAZW	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{12}Be'), (^{12}Be, 2^{6}He), E=60 MeV / nucleon; measured σ(E, θ). ^{12}Be deduced cluster states. REPT RIKEN 2005 Annual,P42,Saito
2006TU08	NUCLEAR REACTIONS ^{7}Li(^{3}He, 2α), E=33 MeV; measured Eα, $\alpha\alpha$-coin; deduced quasi-free contribution. ^{7}Li(p, α), E(cm) $\approx$ 0-7 MeV; deduced σ. JOUR ZAANE 27 s01 243
2006VA06	NUCLEAR REACTIONS ^{4}He(^{15}O, ^{15}O), E=12.5 MeV; measured recoil α spectrum. ^{19}F deduced resonant state width. JOUR ZAANE 27 183
2006WI03	RADIOACTIVITY ^{8}B($\beta^{+}\alpha$) [from ^{3}He(^{6}Li, n)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β^{+}-decay strength function, neutrino spectrum. JOUR PRVCA 73 025503

A=4 *(continued)*

	2006YA06	NUCLEAR REACTIONS ^{4}He(p, p'), E=300 MeV; measured Ep, σ(E, θ). ^{6,7}Li(p, p'), E=300 MeV; analyzed Ep, σ(E, θ). ^{4}He, ^{6,7}Li deduced dipole resonance energies, widths. JOUR PRVCA 74 014309
	2006YAZW	NUCLEAR REACTIONS ^{6}Li(d, p), (d, α), E=90 keV; measured $\sigma(\theta)$, yield ratios; deduced negligible p-wave admixture. REPT RIKEN 2005 Annual,P40,Yamaguchi
	2006YAZX	NUCLEAR REACTIONS ^{6}Li(polarized d, p), (polarized d, α), E=90 keV; measured vector and tensor analyzing powers. Comparison with model predictions. CONF Tokyo(OMEG05),P494,Yamaguchi
	2006YAZZ	NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured vector and tensor analyzing powers. REPT RIKEN-AF-NP-471,Yamaguchi
	2006YE03	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), E=25 MeV / nucleon; measured recoil spectra, $\sigma(\theta)$; deduced optical model parameters. ^{3}H(^{17}Ne, ^{16}F), E=5 MeV / nucleon; calculated $\sigma(\theta)$. JOUR IMPEE 15 1465
	2006ZH07	NUCLEAR REACTIONS ^{6}Li(n, t), E=1.05, 1.54, 2.25 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous results. JOUR NSENA 153 41
	2006ZH27	NUCLEAR REACTIONS ^{6}Li(n, t), E=1.05-4.42 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous results. JOUR NIMAE 566 615
	2006ZH29	NUCLEAR REACTIONS ^{2}H(d, γ), (d, p), E=20 keV; measured Ep, Eγ, branching ratio. ^{2}H(d, γ), E=low; deduced astrophysical S-factor. JOUR CPLEE 23 2703

A=5

^{5}H	2005GO46	NUCLEAR REACTIONS ^{3}H(t, p), E=57.7 MeV; measured decay fragments energy and angular correlations, missing mass spectrum. ^{5}H deduced ground-state energy, J, π, width, excited states features. JOUR PRVCA 72 064612
^{5}He	2005GO47	NUCLEAR REACTIONS ^{3}H(α, dα), E=67.2 MeV; measured deuteron and α spectra, dα-coin. ^{5}He deduced excited state energy, width. JOUR BRSPE 69 838
	2005GO48	NUCLEAR REACTIONS ^{3}H(α, dα), (α, 2d), E=67.2 MeV; measured deuteron and α spectra, dd-, dα-coin. ^{5}He deduced excited states energy, widths. Kinematically complete experiment. JOUR BRSPE 69 841
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463

A=5 *(continued)*

	2006KA06	NUCLEAR REACTIONS ^{6}Li(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, Ep, En, np-, nn-coin, angular correlations. ^{5}He deduced hypernucleus nonmesonic weak decay widths. JOUR PRLTA 96 062301
	2006MI16	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146
	2006SOZZ	NUCLEAR REACTIONS ^{7}Li(^{9}Be, t2α), E=55, 70 MeV; measured particle spectra; deduced excitation energy spectra. ^{11}B deduced excited state decay features. CONF San Servolo(Fusion06),Proc,P171

A=6

^{6}He	2006AN21	NUCLEAR REACTIONS ^{4}He(d, π^{+}), E=217.3, 218.2, 224.1 MeV; measured particle spectra, σ, $\sigma(\theta)$, anisotropies. ^{6}He deduced halo features. JOUR NUPAB 779 47
	2006HAZW	NUCLEAR REACTIONS ^{1}H(^{6}He, 2nα), E=70 MeV / nucleon; measured relative energy spectrum; deduced total inelastic σ. ^{6}He deduced resonance energy. REPT RIKEN 2005 Annual,P39,Hashimoto
^{6}Li	2005AB30	NUCLEAR REACTIONS ^{6,7}Li(π^{-}, dX), (π^{-}, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, missing mass. ^{6,7}Li deduced cluster features. JOUR BRSPE 69 1812
	2005GE14	NUCLEAR REACTIONS ^{9}Be(p, α), E=1.96-2.4 MeV; measured Eγ, Iγ, σ. JOUR BRSPE 69 1819
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2005NO16	NUCLEAR MOMENTS ^{6,8,9}Li; measured isotope shifts; deduced charge radii. JOUR HYIND 162 93
	2005RIZX	NUCLEAR REACTIONS ^{2}H(^{8}He, 4n), E=15.8 MeV / nucleon; measured En, nn-, (recoil)n-coin; deduced possible tetraneutron cluster. CONF Peterhof(EXON-2004) Proc,P36,Rich
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
	2006HAZV	NUCLEAR REACTIONS ^{208}Pb(^{6}Li, dα), E=150 MeV / nucleon; measured deuteron and α spectra, angular distributions. ^{2}H(α, γ), E(cm) $\approx$ 0-1.5 MeV; deduced astrophysical S-factors. CONF Isle of Kos (FINUSTAR),Proc,P21
	2006KA06	NUCLEAR REACTIONS ^{6}Li(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, Ep, En, np-, nn-coin, angular correlations. ^{5}He deduced hypernucleus nonmesonic weak decay widths. JOUR PRLTA 96 062301

A=6 ***(continued)***

2006MI16 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146

2006MIZY NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=17.9 MeV; ^{6}Li(^{6}He, α), E=17.9 MeV; measured $\sigma(\theta)$. ^{7}Li(^{6}He, nα), (^{6}He, 2nα), (^{6}He, 3nα), E=17.9 MeV; measured excitation energy spectra. Comparison with model predictions. CONF San Servolo(Fusion06),Proc,P154

2006MO24 NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. Optical model and coupled reactions channels model analysis. JOUR PYLBB 640 13

2006MOZY NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, analyzing powers; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; analyzed $\sigma(\theta)$, analyzing powers; deduced target structure independence at low momentum transfer. Coupled channels calculations. PREPRINT nucl-ex/0608018,8/8/2006

2006RO33 NUCLEAR REACTIONS ^{2}H(^{9}Be, nα), E=22 MeV; measured particle spectra, $\sigma(\theta)$. ^{9}Be(p, α), E(cm) $\approx$ 0-1 MeV; deduced excitation function. Comparison with direct data. JOUR ZAANE 27 s01 221

2006WA18 NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

2006YA06 NUCLEAR REACTIONS ^{4}He(p, p'), E=300 MeV; measured Ep, σ(E, θ). ^{6,7}Li(p, p'), E=300 MeV; analyzed Ep, σ(E, θ). ^{4}He, ^{6,7}Li deduced dipole resonance energies, widths. JOUR PRVCA 74 014309

A=7

^{7}He

2003TA41 NUCLEAR REACTIONS ^{7}Li, ^{12}C(e, e'K^{+}), E $\approx$ 1.8 GeV; measured missing mass spectra. ^{7}He, ^{12}B deduced hypernucleus levels, transitions. JOUR MPLAE 18 112

2005WU08 NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; ^{2}H(^{7}Li, p), E=81 MeV; measured particle spectra, $\sigma(\theta)$. ^{7}He deduced ground-state J, π, excited state energy, width. JOUR PRVCA 72 061301

2006GU22 NUCLEAR REACTIONS ^{9}Be(π^{-}, 2pX), E at rest; measured Ep, missing mass spectra. ^{7}He deduced possible resonance energies, widths. JOUR PANUE 69 1448

2006NO11 NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283

2006SK03 NUCLEAR REACTIONS ^{1}H(^{8}He, d), E=15.7 MeV / nucleon; measured deuteron spectra, $\sigma(\theta)$; deduced spectroscopic factor. ^{7}He deduced levels, J, π, resonant state. ^{8}He deduced subshell closure. JOUR PRVCA 73 044301

A=7 ***(continued)***

	2006WUZZ	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E=76 MeV; ^{2}H(^{6}He, p), E=69 MeV; measured Ep, $\sigma(\theta)$. ^{9}Li, ^{7}He deduced level energies, spectroscopic factors. CONF Isle of Kos (FINUSTAR),Proc,P332
	2006YU03	NUCLEAR REACTIONS ^{7}Li, ^{12}C(e, e'K^{+}), E=1.8 GeV; measured hypernucleus production associated missing mass spectra. ^{7}He, ^{12}B deduced hypernucleus level energies, J, π. JOUR PRVCA 73 044607
^{7}Li	2005AB30	NUCLEAR REACTIONS ^{6,7}Li(π^{-}, dX), (π^{-}, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, missing mass. ^{6,7}Li deduced cluster features. JOUR BRSPE 69 1812
	2005OHZW	RADIOACTIVITY ^{7}Be(EC) [from ^{9}Be(γ, 2n)]; measured Eγ, Iγ, T$_{1/2}$ for source in beryllium metal. Environmental effects discussed. JOUR KKYHB 38 36
	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta=135°)$. JOUR NIMBE 249 98
	2006GI03	NUCLEAR REACTIONS ^{10}B(n, α), E=1.5-5.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMAE 562 737
	2006LI46	RADIOACTIVITY ^{7}Be(EC); measured T$_{1/2}$ for source embedded in several materials; deduced no environmental effect. JOUR ZAANE 27 s01 193
	2006MIZY	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=17.9 MeV; ^{6}Li(^{6}He, α), E=17.9 MeV; measured $\sigma(\theta)$. ^{7}Li(^{6}He, nα), (^{6}He, 2nα), (^{6}He, 3nα), E=17.9 MeV; measured excitation energy spectra. Comparison with model predictions. CONF San Servolo(Fusion06),Proc,P154
	2006MO24	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. Optical model and coupled reactions channels model analysis. JOUR PYLBB 640 13
	2006MOZY	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, analyzing powers; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; analyzed $\sigma(\theta)$, analyzing powers; deduced target structure independence at low momentum transfer. Coupled channels calculations. PREPRINT nucl-ex/0608018,8/8/2006
	2006NA13	ATOMIC MASSES ^{7}Li; measured mass. Penning trap spectrometer. Comparison with previous results. JOUR PRLTA 96 163004
	2006NIZU	RADIOACTIVITY ^{7}Be(EC); measured T$_{1/2}$ for source in various host materials; deduced no environmental dependence. PREPRINT nucl-ex/0612003,12/3/2006
	2006PA09	NUCLEAR REACTIONS ^{6}Li(n, γ), E=thermal; measured capture σ. JOUR NIMBE 245 367
	2006RA07	RADIOACTIVITY ^{7}Be(EC); measured T$_{1/2}$ for source implanted in C$_{60}$ and gold foil; deduced environmental effects. JOUR PRVCA 73 034323

A=7 ***(continued)***

	2006UK01	NUCLEAR REACTIONS ^{10}B(K^-, π^-), E at 0.93 GeV / c; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following hypernucleus creation and decay. ^{7}Li deduced hypernucleus levels, J, π. Hyperball array. JOUR PRVCA 73 012501
	2006WA21	RADIOACTIVITY ^{7}Be(EC) [^{7}Li(p, n)]; measured $T_{1/2}$ for source implanted in Pd, In metals and Li_2O insulator; deduced longer $T_{1/2}$ due to environmental effects in the metals, no change in the insulator. JOUR ZAANE 28 375
	2006YA06	NUCLEAR REACTIONS ^{4}He(p, p'), E=300 MeV; measured Ep, σ(E, θ). ^{6,7}Li(p, p'), E=300 MeV; analyzed Ep, σ(E, θ). ^{4}He, ^{6,7}Li deduced dipole resonance energies, widths. JOUR PRVCA 74 014309
	2006YAZW	NUCLEAR REACTIONS ^{6}Li(d, p), (d, α), E=90 keV; measured $\sigma(\theta)$, yield ratios; deduced negligible p-wave admixture. REPT RIKEN 2005 Annual,P40,Yamaguchi
	2006YAZX	NUCLEAR REACTIONS ^{6}Li(polarized d, p), (polarized d, α), E=90 keV; measured vector and tensor analyzing powers. Comparison with model predictions. CONF Tokyo(OMEG05),P494,Yamaguchi
	2006YAZZ	NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured vector and tensor analyzing powers. REPT RIKEN-AF-NP-471,Yamaguchi
^{7}Be	2005MB11	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E $<$ 500 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E $<$ 500 MeV; measured yields. Comparison with photonuclear data. JOUR RAACA 93 497
	2005OHZW	RADIOACTIVITY ^{7}Be(EC) [from ^{9}Be(γ, 2n)]; measured Eγ, Iγ, $T_{1/2}$ for source in beryllium metal. Environmental effects discussed. JOUR KKYHB 38 36
	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006AMZY	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E=7.69 MeV / nucleon; measured Ep, Eγ, pγ-coin. Thick target. CONF Tokyo(OMEG05),P362,Amadio
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006BE41	NUCLEAR REACTIONS ^{3}He(α, γ), E=300, 350, 400 keV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR PRLTA 97 122502
	2006BEZV	NUCLEAR REACTIONS ^{3}He(α, γ), E=300, 350, 400 keV; measured σ; deduced astrophysical S-factors. Activation technique. PREPRINT nucl-ex/0609013,9/11/2006

A=7 (continued)

	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta=135°)$. JOUR NIMBE 249 98
	2006LI46	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source embedded in several materials; deduced no environmental effect. JOUR ZAANE 27 s01 193
	2006NIZU	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source in various host materials; deduced no environmental dependence. PREPRINT nucl-ex/0612003,12/3/2006
	2006RA07	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source implanted in C_{60} and gold foil; deduced environmental effects. JOUR PRVCA 73 034323
	2006RO27	NUCLEAR REACTIONS ^{2}H(p, π^{+}), (p, π^{0}), E at 1.56, 1.57, 1.571, 1.59, 1.7 GeV / c; measured particle spectra. ^{6}Li(p, X)^{7}Be, E=662.5 MeV; measured η-meson production associated particle spectra; deduced approximate σ. JOUR PRAMC 66 893
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
	2006WA21	RADIOACTIVITY ^{7}Be(EC) [^{7}Li(p, n)]; measured $T_{1/2}$ for source implanted in Pd, In metals and Li_2O insulator; deduced longer $T_{1/2}$ due to environmental effects in the metals, no change in the insulator. JOUR ZAANE 28 375
	2006YAZY	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E(cm) < 6.7 MeV; measured Ep. CONF Tokyo(OMEG05),P275,Yamaguchi

A=8

^{8}He	2006SK03	NUCLEAR REACTIONS ^{1}H(^{8}He, d), E=15.7 MeV / nucleon; measured deuteron spectra, $\sigma(\theta)$; deduced spectroscopic factor. ^{7}He deduced levels, J, π, resonant state. ^{8}He deduced subshell closure. JOUR PRVCA 73 044301
^{8}Li	2005NO16	NUCLEAR MOMENTS ^{6,8,9}Li; measured isotope shifts; deduced charge radii. JOUR HYIND 162 93
	2005WU08	NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; ^{2}H(^{7}Li, p), E=81 MeV; measured particle spectra, $\sigma(\theta)$. ^{7}He deduced ground-state J, π, excited state energy, width. JOUR PRVCA 72 061301
	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406

A=8 ***(continued)***

	2006BH03	RADIOACTIVITY ^{8}Li($\beta^{-}\alpha$) [from ^{7}Li(d, p)]; ^{8}B($\beta^{+}\alpha$) [from ^{6}Li(^{3}He, n)]; measured β-delayed Eα; deduced final-state continuum shapes. R-matrix analysis, comparison with previous results. JOUR PRVCA 73 055802
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
	2006JE02	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{8}Li), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{8}Li levels deduced energies, spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 635 17
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360
	2006MIZY	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=17.9 MeV; ^{6}Li(^{6}He, α), E=17.9 MeV; measured $\sigma(\theta)$. ^{7}Li(^{6}He, nα), (^{6}He, 2nα), (^{6}He, 3nα), E=17.9 MeV; measured excitation energy spectra. Comparison with model predictions. CONF San Servolo(Fusion06),Proc,P154
^{8}Be	2005AHZY	NUCLEAR REACTIONS ^{7}Li(polarized d, n), E=80, 130, 160 keV; measured analyzing powers. REPT TUNL-XLIV,P117,Ahmed
	2006BAZV	RADIOACTIVITY ^{8}B(β^{+}); measured Eβ; deduced ground-state transition branching ratio. REPT Univ Washington Annual 2006,P49,Bacrania
	2006BE22	NUCLEAR REACTIONS ^{6}Li(d, X)^{8}Be, E at rest; measured $T_{1/2}$ lower limit for molecular-nuclear transition. JOUR FBSYE 38 103
	2006CHZX	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) $\approx$ 0-1 MeV; ^{3}He(d, p), E(cm) $\approx$ 1-700 keV; ^{15}N(p, α), E(cm) $\approx$ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini
	2006DIZY	NUCLEAR REACTIONS ^{4}He(α, γ), E(cm) $\approx$ 0.6-2.5 MeV; measured Eγ, (recoil)γ-coin. CONF Isle of Kos (FINUSTAR),Proc,P378
	2006FR16	NUCLEAR REACTIONS ^{12}C(^{18}O, 2α^{14}C), E=140 MeV; measured particle spectra. ^{22}Ne deduced level energies, possible cluster structure. JOUR JPGPE 32 2235
	2006IS02	NUCLEAR REACTIONS ^{9}Be(^{7}Li, ^{8}Li), E=24 MeV; ^{2}H(^{11}B, ^{12}B), E=40 MeV; ^{2}H(^{18}O, ^{16}N), E=73 MeV; measured particle spectra, yields. Radioactive beam production. JOUR NIMAE 560 366
	2006SA03	NUCLEAR REACTIONS ^{7}Li(d, n), E=45, 60, 80 keV; measured neutron spectra, σ(E); deduced integrated yields, astrophysical S-factor. JOUR PRVCA 73 015801
	2006SU13	RADIOACTIVITY ^{8}B(β^{+}), (EC) [from ^{6}Li(^{3}He, n)]; measured β-NQR spectrum from oriented source. ^{8}B deduced electric quadrupole moment. JOUR PRVCA 74 024327

A=8 ***(continued)***

	2006YI01	NUCLEAR REACTIONS $^{12}C(^{18}O, \alpha^{14}C)$, $(^{18}O, \alpha^{16}O)$, $(^{18}O, \alpha^{18}O)$, E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, $^{20,22}Ne$ deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601
^{8}B	2005CHZP	NUCLEAR REACTIONS $^{1}H(^{7}Be, ^{8}B)$, E=12 MeV; measured particle spectra. $^{7}Be(p, \gamma)$, E not given; deduced astrophysical S-factor. REPT TUNL-XLIV,P33,Champagne
	2006AG11	NUCLEAR REACTIONS ^{2}H, $C(^{7}Li, X)^{4}He$ / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. $^{4}He(^{8}Li, n)$, E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006BAZV	RADIOACTIVITY $^{8}B(\beta^{+})$; measured Eβ; deduced ground-state transition branching ratio. REPT Univ Washington Annual 2006,P49,Bacrania
	2006BH03	RADIOACTIVITY $^{8}Li(\beta^{-}\alpha)$ [from $^{7}Li(d, p)$]; $^{8}B(\beta^{+}\alpha)$ [from $^{6}Li(^{3}He, n)$]; measured β-delayed Eα; deduced final-state continuum shapes. R-matrix analysis, comparison with previous results. JOUR PRVCA 73 055802
	2006DA02	NUCLEAR REACTIONS $^{2}H(^{7}Be, ^{7}Be)$, $(^{7}Be, ^{8}B)$, E(cm)=4.5 MeV; measured $\sigma(\theta)$; deduced parameters. $^{7}Be(p, \gamma)$, E=low; deduced astrophysical S-factor. Asymptotic normalization coefficient method. JOUR PRVCA 73 015808
	2006ROZY	NUCLEAR REACTIONS $^{1}H(^{8}B, p)$, E(cm)=0.5-3.2 MeV; measured Ep, $\sigma(\theta)$. ^{9}C deduced resonance energies, widths, J, π. Thick target, R-matrix analysis, continuum shell model calculations. PREPRINT nucl-ex/0609044,9/28/2006
	2006SC04	NUCLEAR REACTIONS $^{208}Pb(^{8}B, p^{7}Be)$, E=254 MeV / nucleon; measured fragment spectra, angular correlations. $^{7}Be(p, \gamma)$, E=low; deduced astrophysical S-factor. JOUR PRVCA 73 015806
	2006SU13	RADIOACTIVITY $^{8}B(\beta^{+})$, (EC) [from $^{6}Li(^{3}He, n)$]; measured β-NQR spectrum from oriented source. ^{8}B deduced electric quadrupole moment. JOUR PRVCA 74 024327
	2006SU13	NUCLEAR MOMENTS ^{8}B; measured β-NQR spectrum from oriented source; deduced electric quadrupole moment. JOUR PRVCA 74 024327
	2006SU14	NUCLEAR REACTIONS $Pb(^{8}B, p^{7}Be)$, E=254 MeV / nucleon; measured particle spectra, angular distributions. $^{7}Be(p, \gamma)$, E=low; deduced astrophysical S-factor. JOUR ZAANE 27 s01 227
	2006TA09	NUCLEAR REACTIONS H, C, $N(^{7}Be, ^{7}Be)$, E=87 MeV; $C(^{8}B, ^{8}B)$, E=95 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. $^{7}Be(p, \gamma)$, E=low; deduced astrophysical S-factor. JOUR PRVCA 73 025808
	2006WI03	RADIOACTIVITY $^{8}B(\beta^{+}\alpha)$ [from $^{3}He(^{6}Li, n)$]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β^{+}-decay strength function, neutrino spectrum. JOUR PRVCA 73 025503

A=9

^{9}He	2006GOZY	NUCLEAR REACTIONS ^{2}H(^{8}He, p), E=25 MeV / nucleon; measured particle spectra. ^{9}He deduced excited states energies, widths. PREPRINT nucl-ex/0608035,8/17/2006
^{9}Li	2005NO16	NUCLEAR MOMENTS ^{6,8,9}Li; measured isotope shifts; deduced charge radii. JOUR HYIND 162 93
	2006BO32	RADIOACTIVITY ^{9}Li(β^{-}); measured Eα, En following daughter nucleus decay. ^{9}Be deduced levels, J, π, widths, decay branching ratios. JOUR PHSTB T125 103
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360
	2006WUZZ	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E=76 MeV; ^{2}H(^{6}He, p), E=69 MeV; measured Ep, $\sigma(\theta)$. ^{9}Li, ^{7}He deduced level energies, spectroscopic factors. CONF Isle of Kos (FINUSTAR),Proc,P332
^{9}Be	2003TA40	NUCLEAR REACTIONS ^{9}Be(K^{-}, π^{-}), E at 0.93 GeV / c; ^{16}O(K^{-}, π^{-}), (K^{-}, π^{-}p), E at 0.93 GeV / c; measured Eγ, Iγ, (pion)γ-coin. ^{9}Be, ^{15}N, ^{16}O deduced hypernucleus levels, transitions, ΛN interaction features. Hyperball array. JOUR MPLAE 18 85
	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463
	2006BO32	RADIOACTIVITY ^{9}Li(β^{-}); measured Eα, En following daughter nucleus decay. ^{9}Be deduced levels, J, π, widths, decay branching ratios. JOUR PHSTB T125 103
	2006CUZZ	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra; deduced excitation energy spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. CONF San Servolo(Fusion06),Proc,P160
	2006FR11	NUCLEAR MOMENTS ^{9,10}Be; measured hfs in muonic atoms and ions. JOUR PLRAA 74 022508
	2006SU01	NUCLEAR REACTIONS ^{2}H(^{8}Li, n), E=40 MeV; measured $\sigma(\theta)$; deduced optical potential parameters. ^{8}Li(p, γ), E(cm) $\approx$ 0-2 MeV; deduced astrophysical S-factors, reaction rates. JOUR CPLEE 23 55

A=9 *(continued)*

	2006YE03	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), E=25 MeV / nucleon; measured recoil spectra, $\sigma(\theta)$; deduced optical model parameters. ^{3}H(^{17}Ne, ^{16}F), E=5 MeV / nucleon; calculated $\sigma(\theta)$. JOUR IMPEE 15 1465
^{9}C	2006ROZY	NUCLEAR REACTIONS ^{1}H(^{8}B, p), E(cm)=0.5-3.2 MeV; measured Ep, $\sigma(\theta)$. ^{9}C deduced resonance energies, widths, J, π. Thick target, R-matrix analysis, continuum shell model calculations. PREPRINT nucl-ex/0609044,9/28/2006
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=10

^{10}Be	2005MB11	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E $<$ 500 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E $<$ 500 MeV; measured yields. Comparison with photonuclear data. JOUR RAACA 93 497
	2006CU01	NUCLEAR REACTIONS ^{10}Be(^{14}C, α^6He), E=88.5 MeV; measured particle spectra, σ. ^{10}Be deduced level energies. ^{10}Be(^{14}C, 2^{6}He), (^{14}C, α^8He), E=88.5 MeV; measured σ upper limits. JOUR PRVCA 73 057301
	2006FR01	NUCLEAR REACTIONS ^{4}He(^{6}He, ^{6}He), E=6.1, 7.5, 11.1 MeV; measured Eα, (^{6}He)α-coin, $\sigma(\theta)$. ^{10}Be deduced resonance energy, J, π, width, molecular structure. JOUR PRLTA 96 042501
	2006FR11	NUCLEAR MOMENTS ^{9,10}Be; measured hfs in muonic atoms and ions. JOUR PLRAA 74 022508
	2006NAZY	NUCLEAR MOMENTS ^{10}Be; measured isotope shifts. Laser spectroscopy, on-line ion trap. REPT RIKEN 2005 Annual,P41,Nakamura
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
	2006YE03	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), E=25 MeV / nucleon; measured recoil spectra, $\sigma(\theta)$; deduced optical model parameters. ^{3}H(^{17}Ne, ^{16}F), E=5 MeV / nucleon; calculated $\sigma(\theta)$. JOUR IMPEE 15 1465
	2006YI01	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), (^{18}O, α^{16}O), (^{18}O, α^{18}O), E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, ^{20,22}Ne deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601

A=10 *(continued)*

^{10}B	2005GA59	NUCLEAR REACTIONS $^{10}B(d, p)$, E=15.3 MeV; measured Eγ, Ep, pγ-coin, $\sigma(E, \theta)$. $^{10,11}B$ deduced deformation parameters. JOUR YAFIA 68 2019
	2006CUZZ	NUCLEAR REACTIONS $^{7}Li(^{7}Li, ^{11}B)$, $(^{7}Li, ^{12}B)$, E=58 MeV; $^{12}C(^{7}Li, ^{10}B)$, E=58 MeV; measured particle spectra; deduced excitation energy spectra. $^{10,11,12}B$ deduced relative yields for α+Li and H+Be decay channels from excited states. CONF San Servolo(Fusion06),Proc,P160
	2006SZ07	NUCLEAR REACTIONS ^{6}Li, ^{11}B, ^{16}O, $^{19}F(d, p\gamma)$, E=0.6-2 MeV; $^{9}Be(d, n\gamma)$, , E=0.6-2 MeV; measured Eγ, Iγ; deduced γ-ray production σ, thin target yields. JOUR NIMBE 251 343
	2006UK01	NUCLEAR REACTIONS $^{10}B(K^-, \pi^-)$, E at 0.93 GeV / c; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following hypernucleus creation and decay. ^{7}Li deduced hypernucleus levels, J, π. Hyperball array. JOUR PRVCA 73 012501
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, $^{9,10,11}C$, ^{12}N, $^{13,15}O$, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
^{10}C	2006ANZV	NUCLEAR REACTIONS $^{1,2}H(^{10}C, p)$, E=25.5 MeV; measured Ep, $\sigma(\theta)$. ^{11}N deduced resonance energies, widths. ^{12}O deduced upper limit for two-proton decay width. CONF Isle of Kos (FINUSTAR),Proc,P360
	2006CA05	NUCLEAR REACTIONS $^{1}H(^{10}C, p)$, E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, $^{9,10,11}C$, ^{12}N, $^{13,15}O$, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=11

^{11}Li	2005THZY	ATOMIC MASSES ^{11}Li, $^{29,30,31,32,33}Mg$; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006DO02	NUCLEAR REACTIONS $^{1}H(^{6}Li, ^{6}Li)$, $(^{8}Li, ^{8}Li)$, $(^{9}Li, ^{9}Li)$, $(^{11}Li, ^{11}Li)$, E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. $^{6,8,9,11}Li$ deduced radii, matter distributions. JOUR NUPAB 766 1
	2006NA21	NUCLEAR REACTIONS Pb(^{11}Li, 2n^{9}Li), E=70 MeV / nucleon; measured relative energy spectra. ^{11}Li deduced B(E1) distribution. JOUR PRLTA 96 252502
	2006NA39	NUCLEAR REACTIONS Pb(^{11}Li, 2n^{9}Li), E=70 MeV / nucleon; measured relative energy spectra. ^{11}Li deduced B(E1) distribution, neutron-neutron correlation in ground state. JOUR PHSTB T125 96

A=11 ***(continued)***

^{11}Be	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
	2006PA04	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states, spectroscopic factors. ^{12}Be deduced ground state configuration. JOUR PRLTA 96 032502
	2006YE03	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), E=25 MeV / nucleon; measured recoil spectra, $\sigma(\theta)$; deduced optical model parameters. ^{3}H(^{17}Ne, ^{16}F), E=5 MeV / nucleon; calculated $\sigma(\theta)$. JOUR IMPEE 15 1465
^{11}B	2005GA59	NUCLEAR REACTIONS ^{10}B(d, p), E=15.3 MeV; measured Eγ, Ep, pγ-coin, σ(E, θ). ^{10,11}B deduced deformation parameters. JOUR YAFIA 68 2019
	2006AG11	NUCLEAR REACTIONS ^{2}H, C(^{7}Li, X)^{4}He / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}B / ^{11}B, E=23 MeV; measured yields. ^{4}He(^{8}Li, n), E(cm) $\approx$ 1.25 MeV; measured σ. JOUR NIMAE 565 406
	2006CUZZ	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra; deduced excitation energy spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. CONF San Servolo(Fusion06),Proc,P160
	2006DAZY	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.45-1.75 MeV; measured σ. Comparison with previous results. CONF Tokyo(OMEG05),P374,Das
	2006IS04	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.7-2.6 MeV; measured σ(E), particle spectra. Comparison with other results. JOUR PYLBB 640 82
	2006ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.4-2.6 MeV; ^{4}He(^{12}B, n), E(cm)=1.1-3.7 MeV; measured excitation functions; deduced resonance features. CONF Tokyo(OMEG05),P249,Ishiyama
	2006MO11	NUCLEAR REACTIONS ^{12}C(γ, p), E=49.5-70.2 MeV; measured Eγ, Iγ, pγ-coin, angular correlations. ^{11}B deduced transition intensities, branching ratios, level populations. JOUR PRVCA 73 044611
	2006NIZX	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm) $\approx$ 0.5 MeV; measured particle spectra. REPT RIKEN 2005 Annual,P43,Nishimura
	2006SOZZ	NUCLEAR REACTIONS ^{7}Li(^{9}Be, t2α), E=55, 70 MeV; measured particle spectra; deduced excitation energy spectra. ^{11}B deduced excited state decay features. CONF San Servolo(Fusion06),Proc,P171
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
^{11}C	2006ANZV	NUCLEAR REACTIONS ^{1,2}H(^{10}C, p), E=25.5 MeV; measured Ep, $\sigma(\theta)$. ^{11}N deduced resonance energies, widths. ^{12}O deduced upper limit for two-proton decay width. CONF Isle of Kos (FINUSTAR),Proc,P360

A=11 *(continued)*

	2006BA66	NUCLEAR REACTIONS ^{12}C(μ, μn), E=low; measured production rate due to cosmic muon flux. JOUR PRVCA 74 045805
	2006PE21	NUCLEAR REACTIONS ^{1}H(^{11}C, p), E(cm)=2.2-11.0 MeV; measured recoil proton spectra, $\sigma(\theta)$, excitation functions. ^{12}N deduced levels, J, π, widths. R-matrix analysis. JOUR PRVCA 74 024306
	2006TR08	NUCLEAR REACTIONS ^{14}N(p, α), (p, n), E=13 MeV; measured yields. Application to radioactive beam production discussed. JOUR CJPHA 84 325
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
^{11}N	2003GU30	NUCLEAR REACTIONS ^{14}N(^{3}He, ^{6}He), E=73.4 MeV; measured particle spectra, σ(E, θ). ^{11}N deduced resonance energies, J, π, widths. DWBA analysis. JOUR BJPHE 33 263
	2006ANZV	NUCLEAR REACTIONS ^{1,2}H(^{10}C, p), E=25.5 MeV; measured Ep, $\sigma(\theta)$. ^{11}N deduced resonance energies, widths. ^{12}O deduced upper limit for two-proton decay width. CONF Isle of Kos (FINUSTAR),Proc,P360
	2006CA05	NUCLEAR REACTIONS ^{1}H(^{10}C, p), E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319

A=12

^{12}Be	2006PA04	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states, spectroscopic factors. ^{12}Be deduced ground state configuration. JOUR PRLTA 96 032502
	2006SAZW	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{12}Be'), (^{12}Be, 2^{6}He), E=60 MeV / nucleon; measured σ(E, θ). ^{12}Be deduced cluster states. REPT RIKEN 2005 Annual,P42,Saito
^{12}B	2003TA41	NUCLEAR REACTIONS ^{7}Li, ^{12}C(e, e'K^{+}), E $\approx$ 1.8 GeV; measured missing mass spectra. ^{7}He, ^{12}B deduced hypernucleus levels, transitions. JOUR MPLAE 18 112
	2006CUZZ	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra; deduced excitation energy spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. CONF San Servolo(Fusion06),Proc,P160
	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K^{+}X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163

A=12 ***(continued)***

	2006SA28	NUCLEAR REACTIONS ^{12}C(^{7}Li, ^{7}Be), E=82 MeV; measured $\sigma(\theta)$, energy spectra; deduced one- and two-step reaction mechanisms. DWBA and coupled reaction channels analysis. JOUR NUPAB 773 187
	2006YU03	NUCLEAR REACTIONS ^{7}Li, ^{12}C(e, e'K^{+}), E=1.8 GeV; measured hypernucleus production associated missing mass spectra. ^{7}He, ^{12}B deduced hypernucleus level energies, J, π. JOUR PRVCA 73 044607
^{12}C	2005AHZX	NUCLEAR REACTIONS ^{11}B(polarized d, n), E=120, 140, 160 keV; measured En. REPT TUNL-XLIV,P123,Ahmed
	2005FAZZ	NUCLEAR REACTIONS ^{12}C(n, n'), E=7.0 MeV; measured Eγ, Iγ. REPT TUNL-XLIV,P78,Fallin
	2005MAZK	NUCLEAR REACTIONS ^{12}C(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=63 MeV; measured elastic and inelastic $\sigma(\theta)$. CONF Peterhof(EXON-2004) Proc,P404,Maslov
	2005MB12	NUCLEAR REACTIONS ^{12}C(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=63 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{12}C, ^{16}O, ^{24}Mg, ^{28}Si, ^{40}Ca, ^{60}Ni, ^{90}Zr, ^{124}Sn, ^{208}Pb(^{6}Li, ^{6}Li), E $\approx$ 50-90 MeV; calculated $\sigma(\theta)$. JOUR BRSPE 69 1761
	2006BE38	NUCLEAR MOMENTS ^{1,2}H, ^{12}C, ^{14}N; measured molecular hyperfine structure; deduced nuclear quadrupole coupling constants. JOUR ASJOA 649 L53
	2006CHZX	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), E=27 MeV; measured Eα, $\alpha\alpha$-coin. ^{6}Li(^{3}He, pα), E=5-6 MeV; measured Ep, Eα. ^{2}H(^{15}N, nα), E=60 MeV; measured Eα, (carbon)α-coin. ^{11}B(p, α), E(cm) $\approx$ 0-1 MeV; ^{3}He(d, p), E(cm) $\approx$ 1-700 keV; ^{15}N(p, α), E(cm) $\approx$ 1-700 keV; deduced astrophysical S-factors. CONF Tokyo(OMEG05),P263,Cherubini
	2006CU01	NUCLEAR REACTIONS ^{10}Be(^{14}C, α^{6}He), E=88.5 MeV; measured particle spectra, σ. ^{10}Be deduced level energies. ^{10}Be(^{14}C, 2^{6}He), (^{14}C, α^{8}He), E=88.5 MeV; measured σ upper limits. JOUR PRVCA 73 057301
	2006KI14	NUCLEAR REACTIONS ^{12}C(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, Ep, En, np-, nn-coin, angular correlations. ^{12}C deduced hypernucleus nonmesonic weak decay widths. JOUR PYLBB 641 28
	2006LA18	NUCLEAR REACTIONS ^{2}H(^{15}N, nα), E=60 MeV; measured particle spectra, correlations; deduced quasi-free contribution. ^{15}N(p, α), E(cm) $\approx$ 0-600 keV; deduced astrophysical S-factor. JOUR ZAANE 27 s01 249
	2006LE31	NUCLEAR REACTIONS ^{12}C(^{66}Zn, 2α), (^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin, DSA. ^{70}Ge deduced levels, J, π, T$_{1/2}$, B(E2), g factor. Comparison with previous results, model predictions. JOUR PRVCA 74 024315
	2006MI19	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=18 MeV; measured elastic $\sigma(\theta)$. ^{6,7}Li(^{6}He, α), E=18 MeV; measured σ(E, θ), excitation energy spectra. Sequential decay and quasi-free reactions also discussed. JOUR PANUE 69 1360

A=12 ***(continued)***

	2006MIZY	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C(^{6}He, ^{6}He), E=17.9 MeV; ^{6}Li(^{6}He, α), E=17.9 MeV; measured $\sigma(\theta)$. ^{7}Li(^{6}He, nα), (^{6}He, 2nα), (^{6}He, 3nα), E=17.9 MeV; measured excitation energy spectra. Comparison with model predictions. CONF San Servolo(Fusion06),Proc,P154
	2006MO24	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. Optical model and coupled reactions channels model analysis. JOUR PYLBB 640 13
	2006MOZY	NUCLEAR REACTIONS ^{6,7}Li(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, analyzing powers; ^{12}C(polarized ^{7}Li, ^{7}Li), E=34 MeV; analyzed $\sigma(\theta)$, analyzing powers; deduced target structure independence at low momentum transfer. Coupled channels calculations. PREPRINT nucl-ex/0608018,8/8/2006
	2006PA27	NUCLEAR REACTIONS ^{11}B(d, n), E=120-160 keV; measured En, yields, angular distributions; deduced astrophysical S-factors. JOUR PRVCA 74 015804
	2006RA08	NUCLEAR REACTIONS ^{12}C(^{138}Ce, ^{138}Ce'), E=480 MeV; measured Eγ, Iγ, angular distributions following projectile Coulomb excitation. ^{138}Ce deduced levels, J, π, B(M1), B(E2), B(E3), δ, mixed-symmetry state. Gammasphere array. JOUR PRLTA 96 122501
	2006SA07	NUCLEAR REACTIONS ^{12}C(p, nπ^{+}), E=400 MeV; measured pion and neutron spectra. Extraction of short-range correlation parameter discussed. JOUR NPBSE 155 266
	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, T$_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
	2006YI01	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), (^{18}O, α^{16}O), (^{18}O, α^{18}O), E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, ^{20,22}Ne deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601
^{12}N	2006PE21	NUCLEAR REACTIONS ^{1}H(^{11}C, p), E(cm)=2.2-11.0 MeV; measured recoil proton spectra, $\sigma(\theta)$, excitation functions. ^{12}N deduced levels, J, π, widths. R-matrix analysis. JOUR PRVCA 74 024306
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605
^{12}O	2006ANZV	NUCLEAR REACTIONS ^{1,2}H(^{10}C, p), E=25.5 MeV; measured Ep, $\sigma(\theta)$. ^{11}N deduced resonance energies, widths. ^{12}O deduced upper limit for two-proton decay width. CONF Isle of Kos (FINUSTAR),Proc,P360

A=12 *(continued)*

	2006CA05	NUCLEAR REACTIONS ^{1}H(^{10}C, p), E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319

A=13

^{13}C	2006KO23	NUCLEAR REACTIONS ^{12}C(d, p), E=900-2000 keV; measured $\sigma(\theta)$. Comparison with previous results. JOUR NIMBE 249 77
	2006PR01	NUCLEAR REACTIONS ^{14}C(^{13}C, α^{9}Be), (^{13}C, α^{10}Be), E=77.8, 112.25, 119.25 MeV; measured fragment energy spectra, $\sigma(\theta)$. ^{13,14}C deduced excited states energies, J, π, α-decay features, α-cluster structure. Comparison with earlier work. JOUR NUPAB 765 263
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
^{13}O	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=14

^{14}Be	2006SUZY	NUCLEAR REACTIONS C(^{14}Be, 2n^{12}Be), E not given; measured decay-energy spectrum, $\sigma(\theta)$. ^{14}Be deduced excited state energy. REPT RIKEN 2005 Annual,P46,Sugimoto
^{14}C	2005DEZS	NUCLEAR REACTIONS ^{14}C(^{16}O, ^{16}O), E=132, 281 MeV; ^{16}O(^{14}C, ^{14}C), E=334.4 MeV; measured $\sigma(\theta)$; deduced Airy minima, rainbow scattering. CONF Peterhof(EXON-2004) Proc,P400,Demyanova
	2006CU01	NUCLEAR REACTIONS ^{10}Be(^{14}C, α^{6}He), E=88.5 MeV; measured particle spectra, σ. ^{10}Be deduced level energies. ^{10}Be(^{14}C, 2^{6}He), (^{14}C, α^{8}He), E=88.5 MeV; measured σ upper limits. JOUR PRVCA 73 057301
	2006NE06	NUCLEAR REACTIONS ^{14}N(d, 2p), E=175 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra, σ(E, θ); deduced Gamow-Teller strength distributions. Comparison with no-core shell model predictions. JOUR PRLTA 97 062502
	2006PR01	NUCLEAR REACTIONS ^{14}C(^{13}C, α^{9}Be), (^{13}C, α^{10}Be), E=77.8, 112.25, 119.25 MeV; measured fragment energy spectra, $\sigma(\theta)$. ^{13,14}C deduced excited states energies, J, π, α-decay features, α-cluster structure. Comparison with earlier work. JOUR NUPAB 765 263

A=14 ***(continued)***

	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
^{14}N	2006BE38	NUCLEAR MOMENTS ^{1,2}H, ^{12}C, ^{14}N; measured molecular hyperfine structure; deduced nuclear quadrupole coupling constants. JOUR ASJOA 649 L53
	2006BU12	RADIOACTIVITY ^{14}O(β^+) [from ^{12}C(^{3}He, n)]; measured Eγ, Eβ, T$_{1/2}$; deduced log ft. Comparison with previous results. JOUR PRVCA 74 025501
	2006BUZZ	RADIOACTIVITY ^{14}O(EC), (β^+) [from ^{12}C(^{3}He, n)]; measured T$_{1/2}$. Comparison with previous results. PREPRINT nucl-ex/0601028,1/20/2006
	2006CHZV	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ, DSA. ^{18}F deduced level energy, T$_{1/2}$. ^{17}O(p, α), E $\approx$ 194-201 keV; measured Eα, $\sigma(\theta)$; deduced resonance parameters. ^{17}O(p, γ), E=192.7, 196.5; measured activation yields; deduced resonance features. Astrophysical implications discussed. CONF Isle of Kos (FINUSTAR),Proc,P304
	2006JE05	NUCLEAR MOMENTS ^{14,15}N; measured hfs, isotope shifts. JOUR ZDDNE 40 81
	2006MI22	NUCLEAR REACTIONS ^{2}H, ^{16}O(e, e'np), E=855 MeV; measured particle spectra. ^{14}N deduced excited states. JOUR ZAANE 29 261
	2006SE14	NUCLEAR MOMENTS ^{14}N; measured NQR spectra in picolinic, nicotinic, isonicotinic and dinicotinic acids. JOUR CMPHC 331 131
	2006SK04	NUCLEAR REACTIONS ^{13}C(p, γ), E=1747-1750 keV; measured resonance excitation function in crystal target. JOUR UKPJA 51 542
	2006SK05	NUCLEAR REACTIONS ^{13}C(p, γ), E $\approx$ 1.7476 MeV; measured resonance γ-ray yields for target implanted in crystal; deduced orientation effects. JOUR ZAANE 29 383
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21
^{14}O	2006BAZU	NUCLEAR REACTIONS ^{4}He(^{14}O, ^{14}O'), E=60 MeV / nucleon; measured particle spectra following excited nucleus decay. ^{14}O deduced electric monopole and dipole strength distributions. REPT RIKEN 2005 Annual,P47,Baba
	2006BU12	RADIOACTIVITY ^{14}O(β^+) [from ^{12}C(^{3}He, n)]; measured Eγ, Eβ, T$_{1/2}$; deduced log ft. Comparison with previous results. JOUR PRVCA 74 025501
	2006BUZZ	RADIOACTIVITY ^{14}O(EC), (β^+) [from ^{12}C(^{3}He, n)]; measured T$_{1/2}$. Comparison with previous results. PREPRINT nucl-ex/0601028,1/20/2006

A=14 *(continued)*

	2006LI48	NUCLEAR REACTIONS ^{2}H(^{13}N, n), E(cm)=8.9 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficient. ^{13}N(p, γ), E(cm)=0-1.0 MeV; deduced astrophysical S-factors, reaction rate. JOUR PRVCA 74 035801
	2006MU15	NUCLEAR REACTIONS ^{14}N(^{3}He, d), E=26.3 MeV; measured $\sigma(\theta)$. ^{14}N(p, γ), E $\approx$ 100-600 keV; deduced astrophysical S-factor. ^{11}C, ^{13}N(p, γ), E not given; analyzed resonant and nonresonant amplitudes. Asymptotic normalization coefficient and Trojan horse techniques discussed. JOUR ZAANE 27 s01 205
	2006NE06	NUCLEAR REACTIONS ^{14}N(d, 2p), E=175 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra, σ(E, θ); deduced Gamow-Teller strength distributions. Comparison with no-core shell model predictions. JOUR PRLTA 97 062502
	2006TR08	NUCLEAR REACTIONS ^{14}N(p, α), (p, n), E=13 MeV; measured yields. Application to radioactive beam production discussed. JOUR CJPHA 84 325

A=15

^{15}C	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
^{15}N	2003TA40	NUCLEAR REACTIONS ^{9}Be(K^{-}, π^{-}), E at 0.93 GeV / c; ^{16}O(K^{-}, π^{-}), (K^{-}, π^{-}p), E at 0.93 GeV / c; measured Eγ, Iγ, (pion)γ-coin. ^{9}Be, ^{15}N, ^{16}O deduced hypernucleus levels, transitions, ΛN interaction features. Hyperball array. JOUR MPLAE 18 85
	2006BE33	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. Application to detector calibration discussed. JOUR PRVCA 74 024603
	2006BEZY	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured Eγ, Iγ. Application to detector calibration discussed. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P565,Belgya
	2006ISZW	NUCLEAR REACTIONS ^{4}He(^{12}B, n), E(cm)=1.0-3.7 MeV; measured σ. ^{12}B(α, n), E(cm)=1.0-3.7 MeV; deduced excitation function. REPT JAEA-Review 2006-029,P45,Ishiyama
	2006ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm)=0.4-2.6 MeV; ^{4}He(^{12}B, n), E(cm)=1.1-3.7 MeV; measured excitation functions; deduced resonance features. CONF Tokyo(OMEG05),P249,Ishiyama
	2006JE05	NUCLEAR MOMENTS ^{14,15}N; measured hfs, isotope shifts. JOUR ZDDNE 40 81
	2006KOZY	NUCLEAR REACTIONS ^{16}O(p, 2p), E=392 MeV; measured Ep, Eγ, Iγ, pp-, pγ-coin. ^{15}N deduced γ-emission probabilities for particle decay of s-hole state. PREPRINT nucl-ex/0604006,4/10/2006
	2006SZ06	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{16}O'), (^{16}O, ^{15}O), (^{16}O, ^{14}N), E=62-124 MeV; ^{12}C(^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), (^{18}O, ^{15}N), (^{18}O, ^{19}F), (^{18}O, ^{20}Ne), E=66-120 MeV; measured particle spectra, σ(E, θ), σ; deduced reaction mechanism features. JOUR NUPAB 779 21

A=15 ***(continued)***

^{15}O	2004BU30	NUCLEAR REACTIONS ^{14}N(p, γ), E=0.85-1.1 MeV; measured $\sigma(\theta=90°)$; deduced astrophysical S-factor, reaction rates. JOUR BRSPE 68 1735
	2006BE50	NUCLEAR REACTIONS ^{14}N(p, γ), E=70-228 keV; measured Eγ, σ; deduced astrophysical S-factor, resonance strength. JOUR NUPAB 779 297
	2006CH30	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E(cm) $\approx$ 663-877 keV; measured particle spectra, excitation functions; deduced resonance interference effects. ^{19}Ne deduced upper limits on resonance widths. R-matrix calculations. JOUR PRVCA 74 012801
	2006LE13	NUCLEAR REACTIONS ^{14}N(p, γ), E=70-228 keV; measured Eγ, Iγ, σ; deduced astrophysical S-factor and thermonuclear reaction rate. ^{14}N(p, γ), E=259 keV; measured Eγ, Iγ; deduced resonance strength. Comparison with other data, discussed astrophysical consequences. JOUR PYLBB 634 483
	2006LEZY	NUCLEAR REACTIONS ^{14}N(p, γ), E=70-228 keV; measured σ; deduced astrophysical S-factor, reaction rates. PREPRINT nucl-ex/0602012,2/9/2006
	2006MU15	NUCLEAR REACTIONS ^{14}N(^{3}He, d), E=26.3 MeV; measured $\sigma(\theta)$. ^{14}N(p, γ), E $\approx$ 100-600 keV; deduced astrophysical S-factor. ^{11}C, ^{13}N(p, γ), E not given; analyzed resonant and nonresonant amplitudes. Asymptotic normalization coefficient and Trojan horse techniques discussed. JOUR ZAANE 27 s01 205
	2006STZZ	NUCLEAR REACTIONS ^{1}H(^{15}O, p), E(cm)=0.46-1.08 MeV; measured excitation function. ^{16}F deduced level energies, J, π, widths. Implications for astrophysical reaction rates discussed. PREPRINT nucl-ex/0603020,3/22/2006
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=16

^{16}C	2006ON02	NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$; deduced angle-integrated σ. ^{16}C deduced deformation parameter, deformation length, ratio of neutron, proton matrix elements. Comparison with other even-even nuclides. JOUR PRVCA 73 024610
^{16}N	2005TAZR	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, p)]; measured β-delayed Eα, (^{12}C)α-coin. REPT ANL-05/61,P4,Tang
	2006DU04	NUCLEAR REACTIONS ^{19}F(n, α), E=13.5-14.9 MeV; measured activation σ. Cyclic activation technique. JOUR ANEND 33 159
	2006IOZZ	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{16}O(e, e'K$^+$X), E=3.77 GeV; measured hypernucleus production associated particle spectra. ^{9}Li, ^{12}B, ^{16}N deduced hypernucleus bound state energies. CONF Bormio (XLIV Winter Meeting) Proc,P163

A=16 ***(continued)***

^{16}O	2003TA40	NUCLEAR REACTIONS ^{9}Be(K^{-}, π^{-}), E at 0.93 GeV / c; ^{16}O(K^{-}, π^{-}), (K^{-}, π^{-}p), E at 0.93 GeV / c; measured Eγ, Iγ, (pion)γ-coin. ^{9}Be, ^{15}N, ^{16}O deduced hypernucleus levels, transitions, ΛN interaction features. Hyperball array. JOUR MPLAE 18 85
	2005BRZT	NUCLEAR REACTIONS ^{13}C(α, n), E=2.4-5.8 MeV; measured En, $\sigma(\theta)$. REPT TUNL-XLIV,P75,Braizinha
	2005DEZS	NUCLEAR REACTIONS ^{14}C(^{16}O, ^{16}O), E=132, 281 MeV; ^{16}O(^{14}C, ^{14}C), E=334.4 MeV; measured $\sigma(\theta)$; deduced Airy minima, rainbow scattering. CONF Peterhof(EXON-2004) Proc,P400,Demyanova
	2005FAZY	NUCLEAR REACTIONS ^{16}O(n, n'), E=7.0 MeV; measured Eγ, Iγ. REPT TUNL-XLIV,P109,Fallin
	2005HA69	NUCLEAR REACTIONS ^{13}C(α, n), E=0.8-8.0 MeV; measured σ, neutron yields. JOUR PRVCA 72 062801
	2005TAZR	RADIOACTIVITY ^{16}N(β^{-}) [from ^{2}H(^{15}N, p)]; measured β-delayed Eα, (^{12}C)α-coin. REPT ANL-05/61,P4,Tang
	2006AMZZ	NUCLEAR REACTIONS ^{12}C(^{7}Be, ^{3}He), E=34 MeV; measured particle spectra, σ(E, θ). ^{16}O deduced α-cluster states. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P557,Amro
	2006AS02	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.30-2.78 MeV; measured Eγ, I$\gamma(\theta)$; deduced E1 and E2 astrophysical S-factors. JOUR PRVCA 73 055801
	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta=135°)$. JOUR NIMBE 249 98
	2006JO11	NUCLEAR REACTIONS ^{6}Li(^{13}C, d), E=8.0, 8.5 MeV; measured deuteron spectra, σ(E, θ); deduced asymptotic normalization coefficient for subthreshold resonance. ^{13}C(α, n), E $\approx$ 0-1 MeV; deduced astrophysical S-factor, reaction rates. JOUR PRLTA 97 192701
	2006JOZZ	NUCLEAR REACTIONS ^{6}Li(^{13}C, d), E=8.0, 8.5 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients, resonance contribution. ^{13}C(α, n), E=0-1 MeV; calculated astrophysical S-factor, reaction rate. PREPRINT nucl-ex/0605024,5/18/2006
	2006KRZW	NUCLEAR REACTIONS ^{19}F(p, α), E=5.8 MeV; measured Eγ, Iγ, electron-poangular correlation; deduced possible neutral boson mass, J, π. REPT ATOMKI 2005 Annual,P7,Krasznahorkay
	2006MA81	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E(cm)=2.22-5.42 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced σ, astrophysical S-factor. Recoil separator. JOUR PRLTA 97 242503
	2006MCZY	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E=15 MeV; measured recoil Eα. ^{3}He(p, p), E=1.0, 2.5 MeV; measured backscattered Ep. Helium targets implanted in aluminum. PREPRINT nucl-ex/0608027,8/16/2006
	2006ME26	NUCLEAR REACTIONS ^{2}H, ^{12}C, ^{16}O(n, n), (n, n'), E=95 MeV; measured σ(E, θ); deduced three-nucleon force effects, recoil kerma coefficients. JOUR PRVCA 74 054002
	2006WA02	NUCLEAR REACTIONS ^{16}O(p, p'), E=295 MeV; measured σ and vector analyzing power. Comparison with model predictions. JOUR PYLBB 632 485

A=16 *(continued)*

	2006WAZY	NUCLEAR REACTIONS $^{16}O(\alpha, \alpha')$, E=400 MeV; measured Eα, σ(E, θ). ^{16}O deduced possible α-cluster condensed state. PREPRINT nucl-ex/0611021,11/13/2006
^{16}F	2006STZZ	NUCLEAR REACTIONS $^{1}H(^{15}O, p)$, E(cm)=0.46-1.08 MeV; measured excitation function. ^{16}F deduced level energies, J, π, widths. Implications for astrophysical reaction rates discussed. PREPRINT nucl-ex/0603020,3/22/2006

A=17

^{17}B	2006SHZX	NUCLEAR REACTIONS $^{1}H(^{17}B, ^{17}B')$, E=60 MeV / nucleon; measured Eγ, Iγ, $\sigma(\theta)$. ^{17}B deduced excited state energy, J, π. REPT RIKEN 2005 Annual,P49,Shinohara
^{17}N	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{17}O	2005LI60	RADIOACTIVITY $^{18}N(\beta^{-})$, $(\beta^{-}n)$ [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327
	2006JO11	NUCLEAR REACTIONS $^{6}Li(^{13}C, d)$, E=8.0, 8.5 MeV; measured deuteron spectra, σ(E, θ); deduced asymptotic normalization coefficient for subthreshold resonance. $^{13}C(\alpha, n)$, E $\approx$ 0-1 MeV; deduced astrophysical S-factor, reaction rates. JOUR PRLTA 97 192701
	2006JOZZ	NUCLEAR REACTIONS $^{6}Li(^{13}C, d)$, E=8.0, 8.5 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients, resonance contribution. $^{13}C(\alpha, n)$, E=0-1 MeV; calculated astrophysical S-factor, reaction rate. PREPRINT nucl-ex/0605024,5/18/2006

A=17 *(continued)*

^{17}F	2003ZH49	NUCLEAR REACTIONS C(^{15}N, X), (^{17}N, X), (^{16}O, X), (^{18}O, X), (^{17}F, X), (^{19}F, X), (^{21}F, X), (^{20}Ne, X), (^{22}Ne, X), (^{21}Na, X), (^{23}Na, X), (^{22}Mg, X), (^{24}Mg, X), (^{23}Al, X), (^{25}Al, X), (^{26}Si, X), (^{27}P, X), E $\approx$ 18-33 MeV; measured reaction σ. ^{17}F, ^{23}Al, ^{27}P deduced radii, halo features. Secondary beams from ^{36}Ar fragmentation. Comparison with model predictions. JOUR MPLAE 18 151
	2006DEZU	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm)=800-6000 keV; measured excitation function, $\sigma(\theta=180°)$. ^{1}H(^{18}Ne, 2p), E(cm)=800-6000 keV; measured proton spectra, pp-coin. ^{19}Na deduced levels, proton decay features. CONF Isle of Kos (FINUSTAR),Proc,P129
	2006KU17	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) $\approx$ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327
^{17}Ne	2006HEZS	ATOMIC MASSES ^{17,19}Ne; measured masses. Triple-trap mass spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P152
	2006WA18	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparison with Glauber model predictions. JOUR PRVCA 74 014605

A=18

^{18}N	2005LI60	RADIOACTIVITY ^{18}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=18 *(continued)*

^{18}O	2005LI60	RADIOACTIVITY ^{18}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327
	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463
	2006CHZY	NUCLEAR REACTIONS ^{18}O(n, n'), E=8.5 MeV; measured σ(E, θ). CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P101,Choudry
	2006DEZU	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm)=800-6000 keV; measured excitation function, $\sigma(\theta=180°)$. ^{1}H(^{18}Ne, 2p), E(cm)=800-6000 keV; measured proton spectra, pp-coin. ^{19}Na deduced levels, proton decay features. CONF Isle of Kos (FINUSTAR),Proc,P129
	2006DO17	NUCLEAR REACTIONS ^{1}H(^{18}O, p), E(cm) $\approx$ 900-6000 keV; measured excitation function. Solid targets. JOUR NIMAE 564 32
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
	2006YI01	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), (^{18}O, α^{16}O), (^{18}O, α^{18}O), E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, ^{20,22}Ne deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601
	2007GA01	RADIOACTIVITY ^{18}F, ^{22}Na(β^+); measured Eγ, Iγ; deduced activity. JOUR NIMAE 570 84
^{18}F	2006CHZV	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ, DSA. ^{18}F deduced level energy, $T_{1/2}$. ^{17}O(p, α), E $\approx$ 194-201 keV; measured Eα, $\sigma(\theta)$; deduced resonance parameters. ^{17}O(p, γ), E=192.7, 196.5; measured activation yields; deduced resonance features. Astrophysical implications discussed. CONF Isle of Kos (FINUSTAR),Proc,P304
	2006LEZW	NUCLEAR REACTIONS ^{21}Ne(p, α), E=2.5-3.5 MeV; measured σ; deduced resonance features. Activation technique, astrophysical implications discussed. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P581,Lee
	2007GA01	RADIOACTIVITY ^{18}F, ^{22}Na(β^+); measured Eγ, Iγ; deduced activity. JOUR NIMAE 570 84
^{18}Ne	2005SIZX	NUCLEAR REACTIONS ^{1}H(^{21}Na, α), E(cm) $\approx$ 1300-2500 keV; measured excitation function. REPT ANL-05/61,P6,Sinha
	2006AC04	RADIOACTIVITY ^{22}Al(β^+), (β^+p), (β^+2p), ($\beta^+\alpha$) [from ^{36}Ar fragmentation]; measured β-delayed Eα, Eγ, Ep, $T_{1/2}$; deduced mass excess. ^{22}Mg deduced levels, J, π. ^{22}Al deduced ground-state J, π. Comparison with shell model predictions. JOUR ZAANE 27 287

A=18 *(continued)*

2006DEZU NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm)=800-6000 keV; measured excitation function, $\sigma(\theta=180°)$. ^{1}H(^{18}Ne, 2p), E(cm)=800-6000 keV; measured proton spectra, pp-coin. ^{19}Na deduced levels, proton decay features. CONF Isle of Kos (FINUSTAR),Proc,P129

2006KU17 NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) $\approx$ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327

2006OB03 NUCLEAR REACTIONS ^{9}Be(^{24}Mg, X), (^{25}Al, X), (^{34}Ar, X)^{18}Ne / ^{21}Na, E $\approx$ 90-110 MeV / nucleon; ^{9}Be(^{26}Si, X)^{18}Ne / ^{24}Si, E $\approx$ 109 MeV / nucleon; ^{9}Be(^{28}Mg, X)^{26}Ne, E $\approx$ 82 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced relative population of excited states, reaction mechanism features. JOUR PRVCA 73 044605

2006SKZY NUCLEAR REACTIONS ^{1}H(^{18}Ne, p), E(cm)=0.5-2.7 MeV; measured $\sigma(\theta)$, excitation functions. ^{19}Na deduced resonance energy, J, π. R-matrix and potential model analysis. PREPRINT nucl-ex/0609040,9/26/2006

2006YAZV NUCLEAR REACTIONS Pb(^{18}Ne, ^{18}Ne'), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{18}Ne deduced transition B(E2). REPT RIKEN 2005 Annual,P55,Yamada

A=19

^{19}C 2006SAZV NUCLEAR REACTIONS ^{1}H(^{19}C, n^{18}C), E=70 MeV / nucleon; measured invariant mass spectrum. ^{19}C deduced excited state energy. REPT RIKEN 2005 Annual,P51,Satou

^{19}N 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=19 *(continued)*

	2006OKZZ	NUCLEAR REACTIONS ^{1}H(^{21}N, X)^{19}N / ^{20}N, E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{19,20}N deduced transitions. REPT RIKEN 2005 Annual,P52,Okumura
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, T$_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{19}O	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006NO11	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\approx$ 8 MeV / nucleon; measured excitation energy spectra. ^{7}He, ^{11}Be, ^{15}C, ^{19}O deduced excited states features. JOUR ZAANE 27 s01 283
	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, T$_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{19}F	2006CA19	NUCLEAR REACTIONS ^{7}Li, ^{12}C, ^{19}F(p, p), E=3-7 MeV; measured $\sigma(\theta=150°)$. JOUR NIMBE 249 95
	2006CA20	NUCLEAR REACTIONS ^{19}F(p, p'), (p, α), ^{7}Li(p, p'), (p, n), E=3.0-5.7 MeV; measured Eγ, γ-ray yields, $\sigma(\theta=135°)$. JOUR NIMBE 249 98
	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E $\approx$ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E $\approx$ 1-10 keV; ^{41}K(n, γ), E $\approx$ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
	2006KO13	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, σ(E, θ). ^{19}F deduced levels, J, π, neutron spectroscopic factors. Finite-range DWBA analysis. Comparison with shell model predictions. Daresbury recoil separator. JOUR PRVCA 73 044307
	2006VA06	NUCLEAR REACTIONS ^{4}He(^{15}O, ^{15}O), E=12.5 MeV; measured recoil α spectrum. ^{19}F deduced resonant state width. JOUR ZAANE 27 183

A=19 ***(continued)***

^{19}Ne	2006CH30	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E(cm) $\approx$ 663-877 keV; measured particle spectra, excitation functions; deduced resonance interference effects. ^{19}Ne deduced upper limits on resonance widths. R-matrix calculations. JOUR PRVCA 74 012801
	2006HEZS	ATOMIC MASSES ^{17,19}Ne; measured masses. Triple-trap mass spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P152
	2006KA50	NUCLEAR REACTIONS ^{3}He(^{20}Ne, α), E=34 MeV; measured Eγ, Iγ, (particle)γ-coin, DSA. ^{19}Ne level deduced $T_{1/2}$, decay width. JOUR PRVCA 74 045803
	2006KAZZ	NUCLEAR REACTIONS ^{3}He(^{20}Ne, α), E=34 MeV; measured Eγ, Iγ, (particle)γ-coin, DSA. ^{19}Ne level deduced $T_{1/2}$, decay width. PREPRINT nucl-ex/0605033,5/25/2006
	2006SKZZ	NUCLEAR REACTIONS ^{1}H(^{18}Na, ^{18}Na), E not given; measured excitation function for resonance elastic scattering. ^{19}Ne deduced level, J, π. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P601,Skorodumov
^{19}Na	2006ACZY	NUCLEAR REACTIONS ^{1}H, C(^{18}Ne, p), E=66 MeV; measured Ep following elastic and inelastic scattering. ^{19}Na deduced excited states. CONF Isle of Kos (FINUSTAR),Proc,P374
	2006DEZU	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm)=800-6000 keV; measured excitation function, $\sigma(\theta=180°)$. ^{1}H(^{18}Ne, 2p), E(cm)=800-6000 keV; measured proton spectra, pp-coin. ^{19}Na deduced levels, proton decay features. CONF Isle of Kos (FINUSTAR),Proc,P129
	2006SKZY	NUCLEAR REACTIONS ^{1}H(^{18}Ne, p), E(cm)=0.5-2.7 MeV; measured $\sigma(\theta)$, excitation functions. ^{19}Na deduced resonance energy, J, π. R-matrix and potential model analysis. PREPRINT nucl-ex/0609040,9/26/2006

A=20

^{20}N	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. $^{17,18,19,20,21,22}N$, $^{19,20,21,22,23,24}O$, $^{21,22,23,24,25,26,27}F$, $^{23,24,25,26,27,28,29,30}Ne$, $^{26,27,28,29,30,31,32,33}Na$, $^{28,29,30,31,32,33,34,35}Mg$, $^{31,32,33,34,35,36,37,38}Al$, $^{33,34,35,36,37,38,39,40}Si$, $^{36,37,38,39,40,41,42}P$, $^{39,40,41,42,43,44}S$, $^{42,43,44,45}Cl$, $^{45,46}Ar$; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006OKZZ	NUCLEAR REACTIONS ^{1}H(^{21}N, X)^{19}N / ^{20}N, E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. $^{19,20}N$ deduced transitions. REPT RIKEN 2005 Annual,P52,Okumura
	2006SU12	RADIOACTIVITY $^{19,20}N(\beta^-)$, (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). $^{18,19,20}O$ deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{20}O	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. $^{17,18,19,20,21,22}N$, $^{19,20,21,22,23,24}O$, $^{21,22,23,24,25,26,27}F$, $^{23,24,25,26,27,28,29,30}Ne$, $^{26,27,28,29,30,31,32,33}Na$, $^{28,29,30,31,32,33,34,35}Mg$, $^{31,32,33,34,35,36,37,38}Al$, $^{33,34,35,36,37,38,39,40}Si$, $^{36,37,38,39,40,41,42}P$, $^{39,40,41,42,43,44}S$, $^{42,43,44,45}Cl$, $^{45,46}Ar$; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=20 ***(continued)***

	2006SU12	RADIOACTIVITY ^{19,20}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured β-delayed En, Eγ, $\beta\gamma$-, nγ-, nβ-coin, $T_{1/2}$; deduced β-emission and γ-emission probabilities, B(GT). ^{18,19,20}O deduced levels, β-feeding intensities. Shell model analysis. JOUR PRVCA 74 024322
^{20}F	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006SZ07	NUCLEAR REACTIONS ^{6}Li, ^{11}B, ^{16}O, ^{19}F(d, pγ), E=0.6-2 MeV; ^{9}Be(d, nγ), , E=0.6-2 MeV; measured Eγ, Iγ; deduced γ-ray production σ, thin target yields. JOUR NIMBE 251 343
^{20}Ne	2006AC04	RADIOACTIVITY ^{22}Al(β^+), (β^+p), (β^+2p), ($\beta^+\alpha$) [from ^{36}Ar fragmentation]; measured β-delayed Eα, Eγ, Ep, $T_{1/2}$; deduced mass excess. ^{22}Mg deduced levels, J, π. ^{22}Al deduced ground-state J, π. Comparison with shell model predictions. JOUR ZAANE 27 287
	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006BA64	NUCLEAR REACTIONS ^{12}C(^{12}C, α), (^{12}C, p), (^{12}C, n), E(cm)=2.25-6.01 MeV; measured Eγ, Iγ; deduced σ, astrophysical S-factors. JOUR NUPAB 779 318
	2006COZY	NUCLEAR REACTIONS ^{19}F(p, γ), E=200-800 keV; measured Eγ, Iγ, capture yields. ^{20}Ne deduced resonance parameters. Astrophysical implications discussed. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P186,Couture
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
	2006YI01	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), (^{18}O, α^{16}O), (^{18}O, α^{18}O), E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, ^{20,22}Ne deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601
^{20}Na	2006MU07	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), E=1.25, 1.60 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{21}Mg deduced resonance energies, widths. ^{20}Na(p, γ), E=low; calculated astrophysical reaction rate. JOUR PRVCA 73 034320
^{20}Mg	2006IWZZ	NUCLEAR REACTIONS Pb(^{20}Mg, ^{20}Mg'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{20}Mg deduced transition B(E2). REPT RIKEN 2005 Annual,P59,Iwasa

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^{21}N 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

^{21}O 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=21 *(continued)*

^{21}F	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{21}Ne	2005WH05	NUCLEAR REACTIONS ^{16}O(^{7}Li, np), E=29.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{21}Ne deduced levels, J, π, configurations, dipole moment. GASP, ISIS arrays. JOUR ZAANE 26 321
	2006IA02	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{22}Ne, 2n)]; measured Eγ, Eγ, $\beta\gamma$-coin; deduced branching ratios. Implication for standard model test discussed. JOUR PRVCA 74 015501
	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
^{21}Na	2006AC04	RADIOACTIVITY ^{22}Al(β^+), (β^+p), (β^+2p), ($\beta^+\alpha$) [from ^{36}Ar fragmentation]; measured β-delayed Eα, Eγ, Ep, $T_{1/2}$; deduced mass excess. ^{22}Mg deduced levels, J, π. ^{22}Al deduced ground-state J, π. Comparison with shell model predictions. JOUR ZAANE 27 287
	2006IA02	RADIOACTIVITY ^{21}Na(β^+) [from ^{1}H(^{22}Ne, 2n)]; measured Eγ, Eγ, $\beta\gamma$-coin; deduced branching ratios. Implication for standard model test discussed. JOUR PRVCA 74 015501
	2006MU08	NUCLEAR REACTIONS ^{20}Ne(^{3}He, d), E=25.83 MeV; measured deuteron spectra, σ(E, θ); deduced asymptotic normalization coefficients. ^{20}Ne(p, γ), E=0-1200 keV; deduced astrophysical S-factor. JOUR PRVCA 73 035806
	2006OB03	NUCLEAR REACTIONS ^{9}Be(^{24}Mg, X), (^{25}Al, X), (^{34}Ar, X)^{18}Ne / ^{21}Na, E $\approx$ 90-110 MeV / nucleon; ^{9}Be(^{26}Si, X)^{18}Ne / ^{24}Si, E $\approx$ 109 MeV / nucleon; ^{9}Be(^{28}Mg, X)^{26}Ne, E $\approx$ 82 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced relative population of excited states, reaction mechanism features. JOUR PRVCA 73 044605
^{21}Mg	2006MU07	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), E=1.25, 1.60 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{21}Mg deduced resonance energies, widths. ^{20}Na(p, γ), E=low; calculated astrophysical reaction rate. JOUR PRVCA 73 034320

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^{22}N	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. $^{17,18,19,20,21,22}N$, $^{19,20,21,22,23,24}O$, $^{21,22,23,24,25,26,27}F$, $^{23,24,25,26,27,28,29,30}Ne$, $^{26,27,28,29,30,31,32,33}Na$, $^{28,29,30,31,32,33,34,35}Mg$, $^{31,32,33,34,35,36,37,38}Al$, $^{33,34,35,36,37,38,39,40}Si$, $^{36,37,38,39,40,41,42}P$, $^{39,40,41,42,43,44}S$, $^{42,43,44,45}Cl$, $^{45,46}Ar$; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{22}O	2006BE04	NUCLEAR REACTIONS ^{1}H(^{22}O, ^{22}O), (^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter, shell closure features. MUST detector array. JOUR PRLTA 96 012501
	2006EL05	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. JOUR PRVCA 74 017306
	2006EL06	NUCLEAR REACTIONS ^{2}H, C(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ. ^{22}O deduced transition. JOUR ZAANE 27 s01 321
	2006ELZZ	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E). ^{22}O deduced excited state energy, neutron and proton deformations. REPT ATOMKI 2005 Annual,P11,Elekes

A=22 ***(continued)***

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{22}F	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{22}Ne	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463
	2006FR16	NUCLEAR REACTIONS ^{12}C(^{18}O, 2α^{14}C), E=140 MeV; measured particle spectra. ^{22}Ne deduced level energies, possible cluster structure. JOUR JPGPE 32 2235

A=22 ***(continued)***

	2006INZZ	RADIOACTIVITY ^{22}Na(EC); measured Auger spectrum; deduced E, RI of KL_1L_1, KL_1L_2, $KL_1L_{2,3}$, KL_2L_2, KL_2L_3 Auger groups. Electrostatic spectrometer. CONF Sarov(Nucleus-2006),Contrib,P77,Inoyatov
	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
	2006LI34	RADIOACTIVITY ^{22}Na(β^+) [from ^{19}F(α, n)]; measured $T_{1/2}$ for source implanted in Pd metal; deduced shorter $T_{1/2}$ due to environmental effects. JOUR ZAANE 28 251
	2006YI01	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), (^{18}O, α^{16}O), (^{18}O, α^{18}O), E=140 MeV; measured charged particle spectra, angular correlations. ^{18}O, ^{20,22}Ne deduced levels, J, π, configurations, cluster structure. JOUR PRVCA 73 034601
	2007GA01	RADIOACTIVITY ^{18}F, ^{22}Na(β^+); measured Eγ, Iγ; deduced activity. JOUR NIMAE 570 84
^{22}Na	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006IA03	RADIOACTIVITY ^{23}Al(β^+), (β^+p) [from ^{1}H(^{24}Mg, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{23}Mg deduced levels, J, π, IAS. ^{23}Al deduced ground-state J, π. Astrophysical implications discussed. JOUR PRVCA 74 045810
	2006INZZ	RADIOACTIVITY ^{22}Na(EC); measured Auger spectrum; deduced E, RI of KL_1L_1, KL_1L_2, $KL_1L_{2,3}$, KL_2L_2, KL_2L_3 Auger groups. Electrostatic spectrometer. CONF Sarov(Nucleus-2006),Contrib,P77,Inoyatov
	2006LI34	RADIOACTIVITY ^{22}Na(β^+) [from ^{19}F(α, n)]; measured $T_{1/2}$ for source implanted in Pd metal; deduced shorter $T_{1/2}$ due to environmental effects. JOUR ZAANE 28 251
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
	2007GA01	RADIOACTIVITY ^{18}F, ^{22}Na(β^+); measured Eγ, Iγ; deduced activity. JOUR NIMAE 570 84
^{22}Mg	2006AC04	RADIOACTIVITY ^{22}Al(β^+), (β^+p), (β^+2p), ($\beta^+\alpha$) [from ^{36}Ar fragmentation]; measured β-delayed Eα, Eγ, Ep, $T_{1/2}$; deduced mass excess. ^{22}Mg deduced levels, J, π. ^{22}Al deduced ground-state J, π. Comparison with shell model predictions. JOUR ZAANE 27 287
	2006HEZU	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E not given; measured proton spectra. ^{23}Al deduced resonant states energies, J, π, widths. REPT RIKEN 2005 Annual,P64,He

A=22 *(continued)*

	2006HEZV	NUCLEAR REACTIONS ^{1}H(^{21}Na, ^{21}Na), E(cm) $\approx$ 0.5-3 MeV; measured $\sigma(\theta)$. ^{22}Mg deduced resonant states features. REPT RIKEN 2005 Annual,P60,He
	2006HEZW	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E < 4.38 MeV / nucleon; measured σ(E, θ). ^{23}Al deduced resonance energy, J, π, width. CONF Tokyo(OMEG05),P395,He
^{22}Al	2006AC04	RADIOACTIVITY ^{22}Al(β^+), (β^+p), (β^+2p), ($\beta^+\alpha$) [from ^{36}Ar fragmentation]; measured β-delayed Eα, Eγ, Ep, $T_{1/2}$; deduced mass excess. ^{22}Mg deduced levels, J, π. ^{22}Al deduced ground-state J, π. Comparison with shell model predictions. JOUR ZAANE 27 287

A=23

^{23}O	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{23}F	2005LA35	NUCLEAR REACTIONS ^{2}H(^{24}Ne, t), (^{24}Ne, ^{3}He), E=10 MeV; measured particle spectra, $\sigma(\theta)$. JOUR RJPHE 50 657
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa

A=23 *(continued)*

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006MI16 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}Fγ), (^{23}F, ^{23}Fγ), (^{24}F, ^{23}Fγ), (^{25}Ne, ^{23}Fγ), E $\approx$3 5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced reaction σ. ^{4}He(^{22}O, ^{23}Fγ), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. Comparison with DWBA and shell model predictions. JOUR PYLBB 638 146

^{23}Ne 2005LA35 NUCLEAR REACTIONS ^{2}H(^{24}Ne, t), (^{24}Ne, ^{3}He), E=10 MeV; measured particle spectra, $\sigma(\theta)$. JOUR RJPHE 50 657

2006DO09 NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501

A=23 ***(continued)***

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{23}Na	2004VO26	NUCLEAR REACTIONS ^{22}Ne(p, γ), E=1623, 1721, 1803, 1835 MeV; measured Eγ, Iγ, angular distributions. ^{23}Na deduced transitions, resonance widths, B(M1). JOUR BRSPE 68 1761
	2005VO22	NUCLEAR REACTIONS ^{22}Ne(p, γ), E < 4 MeV; measured Eγ, Iγ. ^{23}Na transitions deduced widths, δ, B(M1). JOUR BRSPE 69 57
	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006BA64	NUCLEAR REACTIONS ^{12}C(^{12}C, α), (^{12}C, p), (^{12}C, n), E(cm)=2.25-6.01 MeV; measured Eγ, Iγ; deduced σ, astrophysical S-factors. JOUR NUPAB 779 318
	2006DA14	NUCLEAR MOMENTS ^{23}Na; measured hfs; deduced hyperfine-coupling constants. Coherent-control spectroscopy. JOUR JPAMA 39 3111
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
^{23}Mg	2006AG08	NUCLEAR REACTIONS ^{12}C(^{12}C, n), (^{12}C, p), (^{12}C, α), E(cm)=4.42-6.48 MeV; measured Eγ, Iγ; deduced fusion excitation functions. Comparison with previous results, barrier penetration model predictions. JOUR PRVCA 73 064601
	2006BA64	NUCLEAR REACTIONS ^{12}C(^{12}C, α), (^{12}C, p), (^{12}C, n), E(cm)=2.25-6.01 MeV; measured Eγ, Iγ; deduced σ, astrophysical S-factors. JOUR NUPAB 779 318

A=23 *(continued)*

2006IA03 RADIOACTIVITY ^{23}Al(β^+), (β^+p) [from ^{1}H(^{24}Mg, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, T$_{1/2}$; deduced log ft. ^{23}Mg deduced levels, J, π, IAS. ^{23}Al deduced ground-state J, π. Astrophysical implications discussed. JOUR PRVCA 74 045810

2006JE06 NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117

2006OZ04 RADIOACTIVITY ^{23}Al(β^+), (EC) [from ^{9}Be(^{28}Si, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{23}Al deduced ground-state μ, J, π. JOUR PRVCA 74 021301

^{23}Al

2003ZH49 NUCLEAR REACTIONS C(^{15}N, X), (^{17}N, X), (^{16}O, X), (^{18}O, X), (^{17}F, X), (^{19}F, X), (^{21}F, X), (^{20}Ne, X), (^{22}Ne, X), (^{21}Na, X), (^{23}Na, X), (^{22}Mg, X), (^{24}Mg, X), (^{23}Al, X), (^{25}Al, X), (^{26}Si, X), (^{27}P, X), E $\approx$ 18-33 MeV; measured reaction σ. ^{17}F, ^{23}Al, ^{27}P deduced radii, halo features. Secondary beams from ^{36}Ar fragmentation. Comparison with model predictions. JOUR MPLAE 18 151

2006HEZU NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E not given; measured proton spectra. ^{23}Al deduced resonant states energies, J, π, widths. REPT RIKEN 2005 Annual,P64,He

2006HEZW NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E < 4.38 MeV / nucleon; measured σ(E, θ). ^{23}Al deduced resonance energy, J, π, width. CONF Tokyo(OMEG05),P395,He

2006IA03 RADIOACTIVITY ^{23}Al(β^+), (β^+p) [from ^{1}H(^{24}Mg, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, T$_{1/2}$; deduced log ft. ^{23}Mg deduced levels, J, π, IAS. ^{23}Al deduced ground-state J, π. Astrophysical implications discussed. JOUR PRVCA 74 045810

2006OZ04 RADIOACTIVITY ^{23}Al(β^+), (EC) [from ^{9}Be(^{28}Si, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{23}Al deduced ground-state μ, J, π. JOUR PRVCA 74 021301

A=24

^{24}O	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{24}F	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{24}Ne	2006BEZP	NUCLEAR REACTIONS ^{208}Pb(^{24}Ne, X), E=7.9 MeV / nucleon; measured fragments isotopic yields, Eγ, Iγ, (particle)γ-coin. ^{24,25}Ne deduced transitions. CONF San Servolo(Fusion06),Proc,P49
	2006DO09	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501

A=24 *(continued)*

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{24}Na	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
	2006HI08	NUCLEAR REACTIONS Be(^{18}O, tX), E=120 MeV / nucleon; Be(^{16}O, tX), E=150 MeV / nucleon; measured triton yields vs energy, target thickness. ^{24}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra. JOUR NIMAE 566 264
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785

A=24 ***(continued)***

2006ST07 NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602

2006SZ05 NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

2006TI06 NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801

2006UD01 NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013

^{24}Mg 2006SAZT NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X), E(cm)=45.7 MeV; measured fragment charge distributions. ^{24}Mg(^{24}Mg, ^{24}Mg'), E(cm)=45.7 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced molecular resonance features, feeding of ^{24}Mg excited states. CONF San Servolo(Fusion06),Proc,P165

2006VAZZ NUCLEAR REACTIONS ^{28}Si(p, p'X)^{24}Mg, E=1 GeV; measured Eγ, Ep, pγ-coin; deduced σ, reaction mechanism features. PREPRINT nucl-ex/0609001,09/1/2006

^{24}Al 2006KU17 NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.5 MeV; measured Ep. ^{18}Ne deduced resonance energies. ^{1}H(^{23}Mg, ^{23}Mg), E(cm) $\approx$ 0.8-3.3 MeV; measured σ(E, θ). ^{24}Al deduced possible resonance energies. JOUR ZAANE 27 s01 327

^{24}Si 2006OB03 NUCLEAR REACTIONS ^{9}Be(^{24}Mg, X), (^{25}Al, X), (^{34}Ar, X)^{18}Ne / ^{21}Na, E $\approx$ 90-110 MeV / nucleon; ^{9}Be(^{26}Si, X)^{18}Ne / ^{24}Si, E $\approx$ 109 MeV / nucleon; ^{9}Be(^{28}Mg, X)^{26}Ne, E $\approx$ 82 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced relative population of excited states, reaction mechanism features. JOUR PRVCA 73 044605

2006YO05 NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303

2006YOZZ NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=25

^{25}F	2005PA74	RADIOACTIVITY ^{25}F(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{25}Ne deduced levels, J, π, feeding intensities. Comparison with shell model predictions. JOUR PRVCA 72 064330
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{25}Ne	2005GIZW	NUCLEAR REACTIONS Pb(^{26}Ne, X), E=58.6 MeV / nucleon; measured fragments isotopic yields. Al, Pb(^{26}Ne, ^{26}Ne), E=58.6 MeV / nucleon; measured elastic $\sigma(\theta)$. Al, Pb(^{26}Ne, ^{26}Ne'), E=58.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Al, Pb(^{26}Ne, n^{25}Ne), E=58.6 MeV / nucleon; measured Eγ, Iγ, excitation energy spectra. ^{25,26}Ne deduced levels, J, π. ^{26}Ne deduced transitions B(E1), B(E2), pygmy resonance features. REPT IPNO-T-05-11,Gibelin
	2005PA74	RADIOACTIVITY ^{25}F(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{25}Ne deduced levels, J, π, feeding intensities. Comparison with shell model predictions. JOUR PRVCA 72 064330
	2006BEZP	NUCLEAR REACTIONS ^{208}Pb(^{24}Ne, X), E=7.9 MeV / nucleon; measured fragments isotopic yields, Eγ, Iγ, (particle)γ-coin. ^{24,25}Ne deduced transitions. CONF San Servolo(Fusion06),Proc,P49
	2006DO09	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501
	2006FEZZ	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P347

A=25 *(continued)*

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006LEZT	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured Ep, Eγ, pγ-coin, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. Tiara, Exogam arrays, Vamos spectrometer. CONF San Servolo(Fusion06),Proc,P285
	2006TE04	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{25}Ne, E=83 MeV / nucleon; ^{9}Be(^{28}Ne, X)^{27}Ne, E=80 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, longitudinal momentum distributions. ^{25,27}Ne deduced levels, J, π. Comparison with shell model calculations. JOUR PYLBB 640 86
^{25}Mg	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
	2006OHZY	NUCLEAR REACTIONS ^{24}Mg(n, γ), E $\approx$ 46, 84 keV; measured Eγ, Iγ; deduced partial and total capture kernals. ^{25}Mg deduced levels, J, π. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P378,Ohsaki
^{25}Al	2006CHZW	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=201 keV / nucleon; measured Eγ, (recoil)γ-coin. ^{1}H(^{25}Al, p), E=3.4 MeV / nucleon; measured Ep. CONF Tokyo(OMEG05),P298,Chen
	2006FU15	NUCLEAR REACTIONS ^{25}Mg(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, $\sigma(\theta=0°)$. ^{25}Al deduced levels, J, π, B(GT), rotational band. Comparison with mirror states in ^{25}Mg. JOUR PHSTB T125 194

A=26

^{26}F

`2006KH08` NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

^{26}Ne

`2005GIZW` NUCLEAR REACTIONS Pb(^{26}Ne, X), E=58.6 MeV / nucleon; measured fragments isotopic yields. Al, Pb(^{26}Ne, ^{26}Ne), E=58.6 MeV / nucleon; measured elastic $\sigma(\theta)$. Al, Pb(^{26}Ne, ^{26}Ne'), E=58.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Al, Pb(^{26}Ne, n^{25}Ne), E=58.6 MeV / nucleon; measured Eγ, Iγ, excitation energy spectra. ^{25,26}Ne deduced levels, J, π. ^{26}Ne deduced transitions B(E1), B(E2), pygmy resonance features. REPT IPNO-T-05-11,Gibelin

`2006DO09` NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501

`2006GA04` ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52

`2006GIZY` NUCLEAR REACTIONS Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{26}Ne deduced transition B(E2). REPT RIKEN 2005 Annual,P57,Gibelin

`2006GIZZ` NUCLEAR REACTIONS Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, σ(E, θ) following projectile Coulomb excitation. ^{26}Ne deduced transition B(E1). REPT RIKEN 2005 Annual,P56,Gibelin

A=26 ***(continued)***

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006OB03 NUCLEAR REACTIONS ^{9}Be(^{24}Mg, X), (^{25}Al, X), (^{34}Ar, X)^{18}Ne / ^{21}Na, E $\approx$ 90-110 MeV / nucleon; ^{9}Be(^{26}Si, X)^{18}Ne / ^{24}Si, E $\approx$ 109 MeV / nucleon; ^{9}Be(^{28}Mg, X)^{26}Ne, E $\approx$ 82 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced relative population of excited states, reaction mechanism features. JOUR PRVCA 73 044605

^{26}Na 2006GA04 ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006LE17 NUCLEAR REACTIONS ^{14}C(^{14}C, d), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{26}Na deduced levels, J, π, configurations. Shell model analysis. JOUR PRVCA 73 044321

A=26 ***(continued)***

	2006ZE01	NUCLEAR REACTIONS ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller transition strengths. Comparison with model predictions. JOUR PRVCA 74 024309
^{26}Al	2003FE11	NUCLEAR REACTIONS ^{25}Mg(p, γ), E $\approx$ 316, 389, 434 keV; measured yields; deduced resonance strength. Accelerator mass spectrometry. JOUR BJPHE 33 218
	2006AR12	NUCLEAR REACTIONS ^{25}Mg(p, γ), E(cm)=189, 304, 374, 418 keV; measured yields; deduced resonance strengths. Accelerator mass spectrometry. Astrophysical implications discussed. JOUR PRVCA 74 025802
	2006DE32	NUCLEAR REACTIONS ^{25}Mg(^{11}B, ^{12}C), (^{11}B, ^{11}B), (^{11}B, ^{10}Be), E=35 MeV; measured σ(E, θ); deduced spectroscopic factors. DWBA analysis. JOUR PRVCA 74 024604
	2006ER08	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. JOUR PRLTA 97 232501
	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006
	2006ZE01	NUCLEAR REACTIONS ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller transition strengths. Comparison with model predictions. JOUR PRVCA 74 024309
^{26}Si	2006BA65	NUCLEAR REACTIONS ^{28}Si(p, t), (p, d), E=40 MeV; measured particle spectra, angular distributions. ^{26}Si level deduced J, π. ^{25}Al(p, γ), E=low; deduced astrophysical reaction rate. JOUR PRVCA 74 045804

A=27

^{27}F	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006TR02	NUCLEAR REACTIONS Be(^{48}Ca, X)^{27}F / ^{29}Ne / ^{30}Na / ^{31}Na / ^{32}Mg, E=12.3 MeV / nucleon; measured yields. JOUR PRVCA 73 054303
^{27}Ne	2006DO09	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=27 *(continued)*

2006OB01 NUCLEAR REACTIONS ^{2}H(^{26}Ne, p), E=9.7 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, σ(E). ^{27}Ne deduced levels, J, π, spectroscopic factor. JOUR PYLBB 633 33

2006OBZZ NUCLEAR REACTIONS ^{2}H(^{26}Ne, p), E=9.7 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, σ(E). ^{27}Ne deduced levels, J, π, spectroscopic factor. CONF Isle of Kos (FINUSTAR),Proc,P177

2006TE04 NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{25}Ne, E=83 MeV / nucleon; ^{9}Be(^{28}Ne, X)^{27}Ne, E=80 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin, longitudinal momentum distributions. ^{25,27}Ne deduced levels, J, π. Comparison with shell model calculations. JOUR PYLBB 640 86

2006TR02 RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303

^{27}Na 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006TR02 RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303

^{27}Mg 2005SP07 NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651

^{27}Al 2006BEZM NUCLEAR REACTIONS ^{27}Al(^{6}He, ^{6}He), E=9.5, 11.0, 12.0, 13.4 MeV; measured $\sigma(\theta)$. ^{27}Al(^{6}He, X), (^{6}Li, X), (^{7}Li, X), (^{9}Be, X), (^{16}O, X), E(cm) $\approx$ 0.7-2.6 MeV; analyzed data; deduced reduced reaction σ. Comparisons with model predictions. PREPRINT nucl-ex/0612002,12/2/2006

A=27 *(continued)*

	2006FI04	NUCLEAR REACTIONS ^{27}Al(^{7}Li, ^{7}Li), E=6-18 MeV; measured $\sigma(\theta)$; deduced optical model parameters, no threshold anomaly. JOUR PRVCA 73 054603
	2006KA07	NUCLEAR REACTIONS ^{27}Al(^{7}Be, ^{7}Be'), (^{7}Be, X), E=17, 19, 21 MeV; ^{27}Al(^{7}Li, ^{7}Li), (^{7}Li, X), E=10, 13, 16, 19, 24 MeV; measured elastic and quasi-elastic $\sigma(\theta)$, fusion σ; deduced optical model parameters. ^{27}Al(^{7}Li, αX), E=10, 13, 16, 19, 24 MeV; measured Eα, $\sigma(\theta)$. JOUR PRVCA 73 024609
	2006LEZU	NUCLEAR REACTIONS ^{27}Al(^{6}He, ^{6}He), E=9.5, 11.0, 12.0, 13.4 MeV; measured $\sigma(\theta)$. ^{27}Al(^{6}He, X), (^{6}Li, X), (^{7}Li, X), (^{9}Be, X), (^{16}O, X), E(cm) $\approx$ 0.7-2.6 MeV; analyzed data; deduced reduced reaction σ. Comparisons with model predictions. CONF San Servolo(Fusion06),Proc,P102
	2006TO11	NUCLEAR MOMENTS ^{27}Al; measured NQR and NMR spectra in $CeAl_2$. JOUR JCOME 18 10413
	2006WA14	NUCLEAR MOMENTS ^{27}Al, ^{127}I; measured hfs; deduced quadrupole coupling constants. JOUR CHPLB 423 327
	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302
^{27}Si	2005SEZU	NUCLEAR REACTIONS ^{12}C(^{16}O, n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27}Si deduced transitions. Gammasphere array. REPT ANL-05/61,P8,Seweryniak
	2006BA65	NUCLEAR REACTIONS ^{28}Si(p, t), (p, d), E=40 MeV; measured particle spectra, angular distributions. ^{26}Si level deduced J, π. ^{25}Al(p, γ), E=low; deduced astrophysical reaction rate. JOUR PRVCA 74 045804
	2006CHZW	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=201 keV / nucleon; measured Eγ, (recoil)γ-coin. ^{1}H(^{25}Al, p), E=3.4 MeV / nucleon; measured Ep. CONF Tokyo(OMEG05),P298,Chen
	2006KI04	NUCLEAR REACTIONS ^{28}Si(e, e'n), E=150, 198 MeV; measured En, missing energy spectra, σ(E, θ). ^{28}Si deduced electric multipole strength distributions in giant resonance region. JOUR PRVCA 73 034614
	2006RU09	NUCLEAR REACTIONS ^{1}H(^{26}Al, γ), E=5.122, 5.226, 5.850 MeV; measured Eγ, (recoil)γ-coin. ^{26}Al(p, γ), E(cm) $\approx$ 184 keV; deduced resonance strength. Astrophysical implications discussed. JOUR PRLTA 96 252501
^{27}P	2003ZH49	NUCLEAR REACTIONS C(^{15}N, X), (^{17}N, X), (^{16}O, X), (^{18}O, X), (^{17}F, X), (^{19}F, X), (^{21}F, X), (^{20}Ne, X), (^{22}Ne, X), (^{21}Na, X), (^{23}Na, X), (^{22}Mg, X), (^{24}Mg, X), (^{23}Al, X), (^{25}Al, X), (^{26}Si, X), (^{27}P, X), E $\approx$ 18-33 MeV; measured reaction σ. ^{17}F, ^{23}Al, ^{27}P deduced radii, halo features. Secondary beams from ^{36}Ar fragmentation. Comparison with model predictions. JOUR MPLAE 18 151

A=27 *(continued)*

2006TO09 NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectra. ^{27}P deduced excited state width, mixing ratio. ^{26}Si(p, γ), E=low; deduced astrophysical reaction rate. JOUR ZAANE 27 s01 233

A=28

^{28}Ne 2006DO09 NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), (^{28}Ne, ^{27}Ne), E=51.3 MeV / nucleon; measured Eγ, Iγ. ^{27,28}Ne deduced levels, possible J, π, B(E2), neutron quadrupole transition matrix element. ^{181}Ta(^{40}Ar, X)^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=94 MeV / nucleon; measured yields. JOUR PRLTA 96 182501

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006TR02 RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303

A=28 *(continued)*

^{28}Na 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006TR02 RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303

^{28}Mg 2006BAZT NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=28 *(continued)*

	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{28}Al	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{28}Si	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096
	2006KI04	NUCLEAR REACTIONS ^{28}Si(e, e'n), E=150, 198 MeV; measured En, missing energy spectra, σ(E, θ). ^{28}Si deduced electric multipole strength distributions in giant resonance region. JOUR PRVCA 73 034614
	2006PA07	NUCLEAR REACTIONS ^{28}Si(^{6}Li, dα), E=13 MeV; measured Ed, Id, Eα, Iα, (alpha)(deuteron)-coin, $\sigma(\theta)$, σ. Comparison with previous results and model predictions. JOUR PYLBB 633 691
^{28}S	2006YO05	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303
	2006YOZZ	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=29

^{29}Ne	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006TR02	RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303
	2006TR02	NUCLEAR REACTIONS Be(^{48}Ca, X)^{27}F / ^{29}Ne / ^{30}Na / ^{31}Na / ^{32}Mg, E=12.3 MeV / nucleon; measured yields. JOUR PRVCA 73 054303
^{29}Na	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=29 *(continued)*

	2006TR02	RADIOACTIVITY ^{27,28,29}Ne(β^-); ^{28,29}Ne(β^-n); ^{29}Ne(β^-2n) [from Be(^{48}Ca, X)]; measured β-delayed Eγ, Iγ, $T_{1/2}$; deduced log ft, branching ratios. ^{27,28,29}Na deduced levels, J, π. JOUR PRVCA 73 054303
^{29}Mg	2005KO50	RADIOACTIVITY ^{29,31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced g-factor, ground-state J, π. JOUR HYIND 162 109
	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129
^{29}Al	2005KO50	RADIOACTIVITY ^{29,31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced g-factor, ground-state J, π. JOUR HYIND 162 109
	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{29}Si	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096
	2006BU16	NUCLEAR MOMENTS ^{29}Si; measured hfs in amorphous silicon dioxide. Electron paramagnetic resonance. JOUR PRLTA 97 135502

A=29 *(continued)*

	2006DE21	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. JOUR PRVCA 73 044303

A=30

^{30}Ne	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{30}Na	2006EL03	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X), E=94 MeV / nucleon; measured fragment yields. ^{1}H(^{31}Na, ^{31}Na'), (^{30}Na, ^{30}Na'), (^{31}Na, ^{30}Na), (^{34}Mg, ^{34}Mg'), (^{34}Mg, ^{33}Mg), (^{33}Mg, ^{33}Mg'), E $\approx$ 50 MeV / nucleon; measured Eγ, Iγ, σ. ^{30,31}Na, ^{33,34}Mg deduced transition energies, deformation parameters. ^{30}Na deduced excited state energy. JOUR PRVCA 73 044314

A=30 ***(continued)***

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006SCZW	RADIOACTIVITY ^{30}Na(β^-); measured Eγ, Iγ, E(ce), I(ce). ^{30}Mg deduced E0 transition strength. REPT MLL 2005 Annual, P5,Schwerdtfeger
	2006TR02	NUCLEAR REACTIONS Be(^{48}Ca, X)^{27}F / ^{29}Ne / ^{30}Na / ^{31}Na / ^{32}Mg, E=12.3 MeV / nucleon; measured yields. JOUR PRVCA 73 054303
^{30}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52

A=30 *(continued)*

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129
	2006SCZW	RADIOACTIVITY ^{30}Na(β^-); measured Eγ, Iγ, E(ce), I(ce). ^{30}Mg deduced E0 transition strength. REPT MLL 2005 Annual, P5,Schwerdtfeger
^{30}P	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67

A=31

^{31}Na	2006EL03	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X), E=94 MeV / nucleon; measured fragment yields. ^{1}H(^{31}Na, ^{31}Na'), (^{30}Na, ^{30}Na'), (^{31}Na, ^{30}Na), (^{34}Mg, ^{34}Mg'), (^{34}Mg, ^{33}Mg), (^{33}Mg, ^{33}Mg'), E $\approx$ 50 MeV / nucleon; measured Eγ, Iγ, σ. ^{30,31}Na, ^{33,34}Mg deduced transition energies, deformation parameters. ^{30}Na deduced excited state energy. JOUR PRVCA 73 044314

A=31 *(continued)*

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006TR02 NUCLEAR REACTIONS Be(^{48}Ca, X)^{27}F / ^{29}Ne / ^{30}Na / ^{31}Na / ^{32}Mg, E=12.3 MeV / nucleon; measured yields. JOUR PRVCA 73 054303

^{31}Mg

2005KO50 RADIOACTIVITY ^{29,31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced g-factor, ground-state J, π. JOUR HYIND 162 109

2005THZY ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault

2006GA04 ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52

A=31 *(continued)*

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006LU09 ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129

^{31}Al 2005KO50 RADIOACTIVITY ^{29,31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced g-factor, ground-state J, π. JOUR HYIND 162 109

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006KIZX RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima

2006KIZX NUCLEAR MOMENTS ^{31,32}Al; measured β-NMR spectra from polarized sources; deduced μ. REPT RIKEN 2005 Annual,P69,Kijima

A=31 ***(continued)***

	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{31}Si	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
^{31}P	2005VO24	NUCLEAR REACTIONS ^{30}Si(p, γ), E=750-840, 1475-1520 keV; measured Eγ, Iγ, excitation function. ^{31}P deduced analog states widths, J, π, B(M1). JOUR BRSPE 69 1802
	2006IO02	NUCLEAR REACTIONS ^{24}Mg(^{16}O, p2α), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{31}P deduced levels, J, π, $T_{1/2}$, B(M1), B(E2), configurations. GASP array, comparison with shell model predictions. JOUR PRVCA 73 024310
	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
^{31}S	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
	2006JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), (^{12}C, α), E=22 MeV; ^{12}C(^{20}Ne, n), (^{20}Ne, p), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{31}P, ^{31}S deduced transitions. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR ZAANE 27 s01 117
	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67
^{31}Cl	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67

A=32

^{32}Na	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{32}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006FUZY	NUCLEAR REACTIONS ^{4}He(^{32}Mg, ^{32}Mg'), E=42 MeV / nucleon; measured Eγ, Iγ. ^{32}Mg deduced transition. REPT RIKEN 2005 Annual,P62,Fukui
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=32 *(continued)*

	2006LU09	ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129
	2006TR02	NUCLEAR REACTIONS Be(^{48}Ca, X)^{27}F / ^{29}Ne / ^{30}Na / ^{31}Na / ^{32}Mg, E=12.3 MeV / nucleon; measured yields. JOUR PRVCA 73 054303
^{32}Al	2006ANZW	RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
	2006KIZX	NUCLEAR MOMENTS ^{31,32}Al; measured β-NMR spectra from polarized sources; deduced μ. REPT RIKEN 2005 Annual,P69,Kijima
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{32}Si	2006KIZX	RADIOACTIVITY ^{31,32}Al(β^-) [from Nb(^{40}Ar, X)]; measured β-NMR spectra from polarized sources; deduce μ. REPT RIKEN 2005 Annual,P69,Kijima
	2006TR03	ATOMIC MASSES ^{32}Si, ^{32}P, ^{32}S, ^{32}Cl, ^{32}Ar; analyzed mass excesses for T=2 quintet. Isospin-multiplet mass equation. JOUR PRVCA 73 054313
^{32}P	2006TR03	ATOMIC MASSES ^{32}Si, ^{32}P, ^{32}S, ^{32}Cl, ^{32}Ar; analyzed mass excesses for T=2 quintet. Isospin-multiplet mass equation. JOUR PRVCA 73 054313

A=32 ***(continued)***

^{32}S	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096
	2006DEZY	NUCLEAR REACTIONS ^{12}C(^{20}Ne, pX), (^{20}Ne, αX), E=145, 158, 170, 180, 200 MeV; measured Ep, Eα, σ(E, θ). ^{32}S deduced compound nucleus deformation. PREPRINT nucl-ex/0608037,8/18/2006
	2006JE03	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. ^{31}P(p, γ), E=low; deduced proton widths and resonance strengths, astrophysical reaction rates. Gammasphere array, fragment mass analyzer. JOUR PRVCA 73 065802
	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
	2006TR03	NUCLEAR REACTIONS ^{31}P(p, γ), E=3.285 MeV; measured Eγ, Iγ. ^{32}S deduced excited states energies. JOUR PRVCA 73 054313
	2006TR03	ATOMIC MASSES ^{32}Si, ^{32}P, ^{32}S, ^{32}Cl, ^{32}Ar; analyzed mass excesses for T=2 quintet. Isospin-multiplet mass equation. JOUR PRVCA 73 054313
	2006TRZZ	NUCLEAR REACTIONS ^{31}P(p, γ), E=3.285 MeV; measured Eγ. ^{32}S level deduced energy, possible isospin mixing. Comparison with prediction from isobaric multiplet mass equation. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P607,Triambak
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207
^{32}Cl	2006BOZZ	RADIOACTIVITY ^{32}Ar(β^+); measured Eγ, Iγ, $\beta\gamma$-coin. ^{32}Cl deduced transitions, branching ratios. REPT Univ Washington Annual 2006,P54,Bordeanu
	2006TR03	ATOMIC MASSES ^{32}Si, ^{32}P, ^{32}S, ^{32}Cl, ^{32}Ar; analyzed mass excesses for T=2 quintet. Isospin-multiplet mass equation. JOUR PRVCA 73 054313
^{32}Ar	2006BOZZ	RADIOACTIVITY ^{32}Ar(β^+); measured Eγ, Iγ, $\beta\gamma$-coin. ^{32}Cl deduced transitions, branching ratios. REPT Univ Washington Annual 2006,P54,Bordeanu
	2006TR03	ATOMIC MASSES ^{32}Si, ^{32}P, ^{32}S, ^{32}Cl, ^{32}Ar; analyzed mass excesses for T=2 quintet. Isospin-multiplet mass equation. JOUR PRVCA 73 054313
	2006YO05	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions, yields following two-neutron knockout; deduced inclusive σ, reaction mechanism features. ^{24}Si, ^{28}S, ^{32}Ar deduced levels, J, π. JOUR PRVCA 74 021303
	2006YOZZ	NUCLEAR REACTIONS ^{9}Be(^{34}Ar, ^{32}ArX), (^{30}S, ^{28}SX), (^{26}Si, ^{24}SiX), E $\approx$ 110 MeV / nucleon; measured (particle)γ-coin, two-neutron knockout σ, σ(E). ^{24}Si, ^{28}S, ^{32}Ar deduced levels. PREPRINT nucl-ex/0607017,7/15/2006

A=33

^{33}Na	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{33}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006ANZW	RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134
	2006EL03	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X), E=94 MeV / nucleon; measured fragment yields. ^{1}H(^{31}Na, ^{31}Na'), (^{30}Na, ^{30}Na'), (^{31}Na, ^{30}Na), (^{34}Mg, ^{34}Mg'), (^{34}Mg, ^{33}Mg), (^{33}Mg, ^{33}Mg'), E $\approx$ 50 MeV / nucleon; measured Eγ, Iγ, σ. ^{30,31}Na, ^{33,34}Mg deduced transition energies, deformation parameters. ^{30}Na deduced excited state energy. JOUR PRVCA 73 044314
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52

A=33 ***(continued)***

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006LU09 ATOMIC MASSES ^{29,30,31,32,33}Mg; measured mass. Comparison with other measurements and theory. Transmission mass spectrometer. JOUR ZAANE 28 129

^{33}Al

2006ANZW RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=33 ***(continued)***

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

^{33}Si 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

2006TU03 RADIOACTIVITY ^{34}Al(β^-), (β^-n) [from ^{9}Be(^{36}S, X)]; measured β-decay asymmetry from oriented nuclei; deduced reaction-induced polarization. JOUR PRVCA 73 044313

^{33}S 2005RA34 ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096

2006DE21 NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. JOUR PRVCA 73 044303

^{33}Cl 2006TR10 NUCLEAR REACTIONS ^{32}S(p, γ), E $\approx$ 1.75, 3.4 MeV; measured Eγ, Iγ, excitation functions. ^{33}Cl deduced level energies, widths. JOUR PRVCA 74 054306

A=34

^{34}Mg	2006EL03	NUCLEAR REACTIONS ^{181}Ta(^{40}Ar, X), E=94 MeV / nucleon; measured fragment yields. ^{1}H(^{31}Na, ^{31}Na'), (^{30}Na, ^{30}Na'), (^{31}Na, ^{30}Na), (^{34}Mg, ^{34}Mg'), (^{34}Mg, ^{33}Mg), (^{33}Mg, ^{33}Mg'), E $\approx$ 50 MeV / nucleon; measured Eγ, Iγ, σ. ^{30,31}Na, ^{33,34}Mg deduced transition energies, deformation parameters. ^{30}Na deduced excited state energy. JOUR PRVCA 73 044314
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{34}Al	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006TU03	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{34}Al, E=77.5 MeV / nucleon; measured yield, induced polarization. ^{34}Al deduced ground-state J, π. JOUR PRVCA 73 044313

A=34 *(continued)*

	2006TU03	RADIOACTIVITY ^{34}Al(β^-), (β^-n) [from ^{9}Be(^{36}S, X)]; measured β-decay asymmetry from oriented nuclei; deduced reaction-induced polarization. JOUR PRVCA 73 044313
^{34}Si	2006ANZW	RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
	2006TU03	RADIOACTIVITY ^{34}Al(β^-), (β^-n) [from ^{9}Be(^{36}S, X)]; measured β-decay asymmetry from oriented nuclei; deduced reaction-induced polarization. JOUR PRVCA 73 044313
^{34}P	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{34}S	2006IA05	RADIOACTIVITY ^{34,35}Ar, ^{34}Cl(β^+) [from ^{1}H(^{35}Cl, xnyp)]; measured $T_{1/2}$. JOUR PRVCA 74 055502
^{34}Cl	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006IA05	RADIOACTIVITY ^{34,35}Ar, ^{34}Cl(β^+) [from ^{1}H(^{35}Cl, xnyp)]; measured $T_{1/2}$. JOUR PRVCA 74 055502

A=34 *(continued)*

	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{34}Ar	2006IA05	RADIOACTIVITY ^{34,35}Ar, ^{34}Cl(β^+) [from ^{1}H(^{35}Cl, xnyp)]; measured $T_{1/2}$. JOUR PRVCA 74 055502

A=35

^{35}Mg	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{35}Al	2006ANZW	RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134

A=35 *(continued)*

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

^{35}Si 2006ANZW RADIOACTIVITY ^{33}Mg, ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured Eγ, En, $\beta\gamma$-, βn-coin; deduced log ft. ^{34,35}Si, ^{32,33}Al deduced levels, J, π. CONF Isle of Kos (FINUSTAR),Proc,P134

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

A=35 *(continued)*

^{35}Cl	2006IA05	RADIOACTIVITY ^{34,35}Ar, ^{34}Cl(β^+) [from ^{1}H(^{35}Cl, xnyp)]; measured $T_{1/2}$. JOUR PRVCA 74 055502
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{35}Ar	2006IA05	RADIOACTIVITY ^{34,35}Ar, ^{34}Cl(β^+) [from ^{1}H(^{35}Cl, xnyp)]; measured $T_{1/2}$. JOUR PRVCA 74 055502
	2006ME04	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. Systematics of magnetic moments in neighboring nuclides discussed. JOUR PRVCA 73 024318
	2006MEZZ	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. PREPRINT nucl-ex/0602002,2/2/2006
^{35}K	2006ME04	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. Systematics of magnetic moments in neighboring nuclides discussed. JOUR PRVCA 73 024318
	2006MEZZ	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. PREPRINT nucl-ex/0602002,2/2/2006

A=36

^{36}Al	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=36 *(continued)*

^{36}Si	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006LI32	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, yields. ^{36}Si deduced levels, J, π, B(E2). Comparison with shell model predictions, level systematics in neighboring nuclides discussed. JOUR PRVCA 74 014311
	2006LIZY	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Si / ^{37}P, E=215 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{37}P deduced levels, possible J, π. CONF San Servolo(Fusion06),Proc,P37
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

A=36 ***(continued)***

^{36}P	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{36}S	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{36}Cl	2006AZZZ	NUCLEAR REACTIONS Cl, K, Ca(n, X)^{36}Cl, E=spectrum; measured production rates. REPT KEK Preprint 2005-99,Aze
	2006DE21	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. JOUR PRVCA 73 044303
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{36}Ar	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=36 *(continued)*

^{36}K	2006BUZW	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca / ^{37}Ca / ^{36}K, E $\approx$ 61 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{36,37}Ca, ^{36}K deduced excited states energies. Secondary beam from ^{40}Ca fragmentation. CONF Isle of Kos (FINUSTAR),Proc,P418
^{36}Ca	2006BUZW	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca / ^{37}Ca / ^{36}K, E $\approx$ 61 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{36,37}Ca, ^{36}K deduced excited states energies. Secondary beam from ^{40}Ca fragmentation. CONF Isle of Kos (FINUSTAR),Proc,P418
	2006BUZX	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca, E $\approx$ 61 MeV / nucleon; measured Eγ, Iγ. ^{36}Ca deduced excited state energy. REPT ATOMKI 2005 Annual,P12,Burger

A=37

^{37}Al	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=37 *(continued)*

^{37}Si	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{37}P	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006LIZY	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{36}Si / ^{37}P, E=215 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{37}P deduced levels, possible J, π. CONF San Servolo(Fusion06),Proc,P37
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

A=37 *(continued)*

^{37}Cl	2006FA07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, pX)^{39}K / ^{38}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, missing energy spectra. ^{40}Ca deduced three-phonon giant resonance state. JOUR PRLTA 97 242502
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{37}Ar	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{37}K	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{37}Ca	2006BUZW	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{36}Ca / ^{37}Ca / ^{36}K, E $\approx$ 61 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{36,37}Ca, ^{36}K deduced excited states energies. Secondary beam from ^{40}Ca fragmentation. CONF Isle of Kos (FINUSTAR),Proc,P418

A=38

^{38}Al	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=38 ***(continued)***

^{38}Si	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{38}P	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

A=38 ***(continued)***

^{38}S	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006DA08	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503
	2006DAZZ	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
	2006ST21	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRVCA 74 054307
	2006STZY	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006
^{38}Cl	2006ME08	NUCLEAR REACTIONS Ca(μ^{-}, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^{-}, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^{-}, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{38}Ar	2005BL33	NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101
	2006FA07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, pX)^{39}K / ^{38}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, missing energy spectra. ^{40}Ca deduced three-phonon giant resonance state. JOUR PRLTA 97 242502

A=38 *(continued)*

	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
^{38}K	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{38}Ca	2006BO11	ATOMIC MASSES ^{38}Ca; measured mass. Penning trap mass spectrometer. JOUR PRLTA 96 152501

A=39

^{39}Si	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=39 ***(continued)***

^{39}P 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

^{39}S 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=39 *(continued)*

	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{39}Cl	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{39}Ar	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{39}K	2005HAZJ	NUCLEAR REACTIONS ^{40}Ca(e, e'p), E=199.53 MeV; measured $\sigma(\theta)$. Comparison with relativistic DWIA predictions. JOUR KKYHB 38 18
	2006FA07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, pX)^{39}K / ^{38}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, missing energy spectra. ^{40}Ca deduced three-phonon giant resonance state. JOUR PRLTA 97 242502
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501

A=40

^{40}Si	2006CA26	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. JOUR PRLTA 97 112501
	2006CAZY	NUCLEAR REACTIONS ^{1}H(^{40}Si, ^{40}Si'), (^{42}P, ^{40}SiX), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{40}Si deduced excited states energies. Comparison with model predictions. PREPRINT nucl-ex/0608029,8/15/2006

A=40 ***(continued)***

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

^{40}P 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

^{40}S 2006DA08 NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503

2006DAZZ NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006

A=40 *(continued)*

2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

2006ST21 NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRVCA 74 054307

2006STZY NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006

2006WI10 RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318

^{40}Cl 2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

2006WI10 RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318

A=40 *(continued)*

^{40}Ar — 2005AHZW — NUCLEAR REACTIONS ^{40}Ar(polarized γ, γ'), E=8.6, 9.8 MeV; measured Eγ, Iγ. ^{40}Ar deduced levels, J, π, B(M1). REPT TUNL-XLIV,P186,Ahmed

2005BL33 — NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101

2006LI23 — NUCLEAR REACTIONS ^{40}Ar(polarized γ, γ'), E=7.7-11 MeV; measured Eγ, Iγ, asymmetry. ^{40}Ar deduced levels, J, π, excitation B(E1), B(M1), spin-flip M1 strength. Comparison with shell model predictions. JOUR PRVCA 73 054306

^{40}K — 2006ME08 — NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501

^{40}Ca — 2006DE33 — NUCLEAR REACTIONS ^{40}Ca(^{16}O, ^{16}O), E=214 MeV; measured $\sigma(\theta)$; deduced Airy minimum, rainbow scattering. JOUR PANUE 69 1383

2006FA07 — NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, pX)^{39}K / ^{38}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, missing energy spectra. ^{40}Ca deduced three-phonon giant resonance state. JOUR PRLTA 97 242502

2006NA18 — ATOMIC MASSES ^{40}Ca; measured masses for hydrogen-like and lithium-like ions. Penning trap. JOUR ZDDNE 39 1

A=41

^{41}P — 2006KH08 — NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=41 *(continued)*

^{41}S	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{41}Ar	2005BL33	NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006VOZW	NUCLEAR REACTIONS ^{40}Ar(p, γ), E=450-2700 MeV; measured Eγ. ^{41}K deduced levels. ^{41}Ar deduced analogue resonances. Electrostatic accelerator. CONF Sarov(Nucleus-2006),Contrib,P156,Vodin
^{41}K	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006VOZW	NUCLEAR REACTIONS ^{40}Ar(p, γ), E=450-2700 MeV; measured Eγ. ^{41}K deduced levels. ^{41}Ar deduced analogue resonances. Electrostatic accelerator. CONF Sarov(Nucleus-2006),Contrib,P156,Vodin

A=42

^{42}Si	2006FR13	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. Shell model, diffractive effects in knockout reactions. JOUR PRVCA 74 034313

A=42 *(continued)*

	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006
	2006GRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si, E not given; measured Eγ, Iγ, (particle)γ-coin; deduced σ. ^{42}Si deduced excited state energy. REPT ATOMKI 2005 Annual,P13,Grevy
^{42}P	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{42}S	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=42 *(continued)*

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

2006WI10 RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318

^{42}Cl 2006KH08 NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

2006RO34 NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602

2006WI10 RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318

^{42}Ar 2005BL33 NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101

A=42 *(continued)*

	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{42}K	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E $\approx$ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E $\approx$ 1-10 keV; ^{41}K(n, γ), E $\approx$ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
^{42}Sc	2006ER08	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. JOUR PRLTA 97 232501
	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006
	2006MOZS	NUCLEAR REACTIONS S, Pb(^{16}O, X)^{42}Sc, E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{42}Sc deduced high-spin levels, J, π. Gemini-II array. REPT JAEA-Review 2006-029,P21,Morikawa

A=43

^{43}P	2006FR13	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. Shell model, diffractive effects in knockout reactions. JOUR PRVCA 74 034313
	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006

A=43 *(continued)*

^{43}S	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{43}Cl	2006GA31	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{45}Cl deduced level energy. JOUR PRVCA 74 034322
	2006GAZX	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{43,45}Cl deduced excited states energies. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0608014,8/8/2006
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006WI10	RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318

A=43 ***(continued)***

^{43}Ar	2005BL33	NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101
	2006WI10	RADIOACTIVITY ^{40,42}S, ^{43}Cl(β^-) [from Be(^{48}Ca, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$; deduced log ft. ^{40,42}Cl, ^{43}Ar deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 73 044318
^{43}K	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{43}Sc	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
^{43}Cr	2003BL21	RADIOACTIVITY ^{45}Fe(2p), (β^+p) [from Be, Ni(^{58}Ni, X)]; measured Ep, T$_{1/2}$. Mass separator, comparison with model predictions. JOUR CRPOB 4 521

A=44

^{44}S	2006FR13	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. Shell model, diffractive effects in knockout reactions. JOUR PRVCA 74 034313
	2006FRZZ	NUCLEAR REACTIONS ^{9}Be(^{44}S, X)^{42}Si / ^{43}P, E=98.6 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured Eγ, Iγ, particle spectra, (particle)γ-coin; deduced one- and two-proton knockout σ. PREPRINT nucl-ex/0608023,8/14/2006
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{44}Cl	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1

A=44 *(continued)*

^{44}Ar	2005BL33	NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{44}K	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{44}Ca	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
^{44}Sc	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
	2006VIZZ	RADIOACTIVITY ^{44}Ti(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Sc deduced ICC. CONF Sarov(Nucleus-2006),Contrib,P96,Vishnevsky

A=44 *(continued)*

^{44}Ti	2006NA02	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E(cm) $\approx$ 0.6-1.2 MeV / nucleon; measured yield. ^{40}Ca(α, γ), E=low; deduced astrophysical reaction rate. Accelerator mass spectrometry. JOUR PRLTA 96 041102
	2006VIZZ	RADIOACTIVITY ^{44}Ti(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Sc deduced ICC. CONF Sarov(Nucleus-2006),Contrib,P96,Vishnevsky
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207
^{44}Cr	2003BL21	RADIOACTIVITY ^{45}Fe(2p), (β^{+}p) [from Be, Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$. Mass separator, comparison with model predictions. JOUR CRPOB 4 521

A=45

^{45}Cl	2006GA31	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{45}Cl deduced level energy. JOUR PRVCA 74 034322
	2006GAZX	NUCLEAR REACTIONS H, C(^{46}Ar, X)^{43}Cl / ^{45}Cl, E=76.4 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{43,45}Cl deduced excited states energies. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0608014,8/8/2006
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{45}Ar	2005GAZR	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{45,47}Ar deduced levels, J, π, spectroscopic factors. ^{44,46}Ar(n, γ), E $\approx$ 0-0.5 MeV; deduced capture σ. REPT IPNO-T-05-07,Gaudefroy

A=45 ***(continued)***

	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{45}K	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{45}Ti	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547
	2006BE07	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, 2np), (^{24}Mg, n2p), E=83 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{45}V, ^{45}Ti deduced high-spin levels, J, π, mirror energy differences. Euroball, Euclides arrays. Comparison with shell model predictions. JOUR PRVCA 73 024304
^{45}V	2006BE07	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, 2np), (^{24}Mg, n2p), E=83 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{45}V, ^{45}Ti deduced high-spin levels, J, π, mirror energy differences. Euroball, Euclides arrays. Comparison with shell model predictions. JOUR PRVCA 73 024304
^{45}Fe	2003BL21	RADIOACTIVITY ^{45}Fe(2p), (β^{+}p) [from Be, Ni(^{58}Ni, X)]; measured Ep, T$_{1/2}$. Mass separator, comparison with model predictions. JOUR CRPOB 4 521

A=46

^{46}Ar	2005BL33	NUCLEAR MOMENTS ^{38,40,41,42,43,44,46}Ar; measured isotope shifts; deduced charge radii. Fast-beam collinear laser spectroscopy. JOUR HYIND 162 101
	2006KH08	NUCLEAR REACTIONS Si(^{17}N, X), (^{18}N, X), (^{19}N, X), (^{20}N, X), (^{21}N, X), (^{22}N, X), (^{19}O, X), (^{20}O, X), (^{21}O, X), (^{22}O, X), (^{23}O, X), (^{24}O, X), (^{21}F, X), (^{22}F, X), (^{23}F, X), (^{24}F, X), (^{25}F, X), (^{26}F, X), (^{27}F, X), (^{23}Ne, X), (^{24}Ne, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Ne, X), (^{28}Ne, X), (^{29}Ne, X), (^{30}Ne, X), (^{26}Na, X), (^{27}Na, X), (^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{32}Na, X), (^{33}Na, X), (^{28}Mg, X), (^{29}Mg, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{34}Mg, X), (^{35}Mg, X), (^{31}Al, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{36}Al, X), (^{37}Al, X), (^{38}Al, X), (^{33}Si, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{37}Si, X), (^{38}Si, X), (^{39}Si, X), (^{40}Si, X), (^{36}P, X), (^{37}P, X), (^{38}P, X), (^{39}P, X), (^{40}P, X), (^{41}P, X), (^{42}P, X), (^{39}S, X), (^{40}S, X), (^{41}S, X), (^{42}S, X), (^{43}S, X), (^{44}S, X), (^{42}Cl, X), (^{43}Cl, X), (^{44}Cl, X), (^{45}Cl, X), (^{45}Ar, X), (^{46}Ar, X), E=30-65 MeV / nucleon; measured energy-integrated reaction σ. ^{17,18,19,20,21,22}N, ^{19,20,21,22,23,24}O, ^{21,22,23,24,25,26,27}F, ^{23,24,25,26,27,28,29,30}Ne, ^{26,27,28,29,30,31,32,33}Na, ^{28,29,30,31,32,33,34,35}Mg, ^{31,32,33,34,35,36,37,38}Al, ^{33,34,35,36,37,38,39,40}Si, ^{36,37,38,39,40,41,42}P, ^{39,40,41,42,43,44}S, ^{42,43,44,45}Cl, ^{45,46}Ar; deduced radii, isospin dependence. ^{35}Mg, ^{44}S; deduced possible halo structure or large deformation. JOUR NUPAB 780 1
^{46}K	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{46}Ca	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{46}Sc	2005KU43	RADIOACTIVITY ^{46}Sc(β^-); measured Eβ, electron yields, (electron)β-coin. JOUR BRSPE 69 1848
	2005KU44	RADIOACTIVITY ^{46}Sc(β^-); measured Eγ, Iγ, (electron)γ-coin. JOUR BRSPE 69 1852
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan

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	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{46}Ti	2005KU43	RADIOACTIVITY ^{46}Sc(β^-); measured Eβ, electron yields, (electron)β-coin. JOUR BRSPE 69 1848
	2005KU44	RADIOACTIVITY ^{46}Sc(β^-); measured Eγ, Iγ, (electron)γ-coin. JOUR BRSPE 69 1852
	2006AD05	NUCLEAR REACTIONS ^{46}Ti(^{3}He, t), E=140 MeV; measured triton spectra, σ(E, θ=0°); deduced Gamow-Teller transition strengths. ^{46}Ti(e, e'), (γ, γ'), E not given; analyzed B(M1). JOUR PRVCA 73 024311
	2006BRZY	NUCLEAR REACTIONS ^{19}F(^{27}Al, αX), E=144 MeV; measured Eγ, Eα, (lig charged particle)(evaporation residue)-coin. ^{46}Ti deduced deformation, GDR decay features. PREPRINT nucl-ex/0608011,8/4/2006
	2006JE04	NUCLEAR REACTIONS ^{24}Mg(^{28}Si, npα), (^{28}Si, 2pα), E=110 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{46}V, ^{46}Ti levels deduced $T_{1/2}$, B(E1), B(E2). Euroball IV array, recoil-distance technique, differential decay curve method. JOUR PRVCA 74 021304
	2006TO10	NUCLEAR REACTIONS ^{46,48}Ti(α, α'), E=240 MeV; measured Eα, σ(E, θ). ^{46,48}Ti deduced isoscalar monopole, dipole, and quadrupole strength distributions, resonance features. JOUR PRVCA 74 044308
^{46}V	2006AD05	NUCLEAR REACTIONS ^{46}Ti(^{3}He, t), E=140 MeV; measured triton spectra, σ(E, θ=0°); deduced Gamow-Teller transition strengths. ^{46}Ti(e, e'), (γ, γ'), E not given; analyzed B(M1). JOUR PRVCA 73 024311
	2006ER08	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. JOUR PRLTA 97 232501

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	2006ERZZ	ATOMIC MASSES ^{26m}Al, ^{42}Sc, ^{46}V; measured masses; deduced Q(EC). Comparison with previous results, implications for CKM matrix element discussed. PREPRINT nucl-ex/0606035,6/27/2006
	2006FAZZ	NUCLEAR REACTIONS ^{46,47}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced IAS excitation. ^{46}V deduced Q(EC). ^{46,48}Ti(d, p), E=14 MeV; measured Ep. ^{47}V deduced neutron separation energy. REPT MLL 2005 Annual, P7,Faestermann
	2006JE04	NUCLEAR REACTIONS ^{24}Mg(^{28}Si, npα), (^{28}Si, 2pα), E=110 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{46}V, ^{46}Ti levels deduced $T_{1/2}$, B(E1), B(E2). Euroball IV array, recoil-distance technique, differential decay curve method. JOUR PRVCA 74 021304

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^{47}Ar	2005GAZR	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{45,47}Ar deduced levels, J, π, spectroscopic factors. ^{44,46}Ar(n, γ), E $\approx$ 0-0.5 MeV; deduced capture σ. REPT IPNO-T-05-07,Gaudefroy
	2006GA28	NUCLEAR REACTIONS ^{2}H(^{46}Ar, p), E=10.7 MeV / nucleon; measured Ep, σ(E, θ), (Argon)p-coin, excitation energy spectra. ^{47}Ar deduced single-neutron level energies, spectroscopic factors, shell gap reduction, spin-orbit interaction features. JOUR PRLTA 97 092501
	2006GA30	NUCLEAR REACTIONS ^{2}H(^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{47}Ar deduced levels, spectroscopic factors. Astrophysical implications discussed. JOUR ZAANE 27 s01 309
^{47}K	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{47}Ca	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{47}Sc	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu

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	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{47}Ti	2006FAZZ	NUCLEAR REACTIONS ^{46,47}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced IAS excitation. ^{46}V deduced Q(EC). ^{46,48}Ti(d, p), E=14 MeV; measured Ep. ^{47}V deduced neutron separation energy. REPT MLL 2005 Annual, P7,Faestermann
^{47}V	2006FAZZ	NUCLEAR REACTIONS ^{46,47}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced IAS excitation. ^{46}V deduced Q(EC). ^{46,48}Ti(d, p), E=14 MeV; measured Ep. ^{47}V deduced neutron separation energy. REPT MLL 2005 Annual, P7,Faestermann

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^{48}K	2006GU02	NUCLEAR REACTIONS ^{12}C, ^{48}Ca, ^{58}Ni(t, ^{3}He), E=43 MeV / nucleon; measured excitation energy spectra, σ(E, θ). ^{48}K, ^{58}Co deduced giant resonance features. JOUR PRVCA 73 014616
	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
^{48}Sc	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu
	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633

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	2006RO34	NUCLEAR REACTIONS ^{2}H(^{48}Ca, X)^{48}Sc / ^{47}Ca / ^{46}Ca / ^{48}K / ^{47}K / ^{46}K / ^{45}K / ^{44}K / ^{45}Ar / ^{44}Ar / ^{42}Ar / ^{42}Cl / ^{40}Cl / ^{39}Cl, E=102 MeV / nucleon; ^{2}H(^{40}S, X)^{40}Cl / ^{39}S / ^{38}S / ^{37}P / ^{36}P / ^{34}Si / ^{33}Si / ^{32}Al / ^{31}Al, E=99.3 MeV / nucleon; ^{2}H(^{42}S, X)^{42}Cl / ^{42}S / ^{40}S / ^{39}P / ^{38}P / ^{37}P / ^{36}Si / ^{35}Si / ^{33}Al / ^{32}Al, E=99.8 MeV / nucleon; measured production σ. Comparison with model predictions, fragmentation from Be and Ta targets. JOUR PRVCA 74 034602
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{48}Ti	2006TO10	NUCLEAR REACTIONS ^{46,48}Ti(α, α'), E=240 MeV; measured Eα, σ(E, θ). ^{46,48}Ti deduced isoscalar monopole, dipole, and quadrupole strength distributions, resonance features. JOUR PRVCA 74 044308
^{48}V	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006BE45	NUCLEAR REACTIONS ^{10}B(^{40}Ca, 2n), (^{40}Ca, 2p), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn deduced high-spin levels, J, π, mirror energy differences. Gammasphere array, mass separator. JOUR PRLTA 97 132501
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

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	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{48}Cr	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
^{48}Mn	2006BE45	NUCLEAR REACTIONS ^{10}B(^{40}Ca, 2n), (^{40}Ca, 2p), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn deduced high-spin levels, J, π, mirror energy differences. Gammasphere array, mass separator. JOUR PRLTA 97 132501

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^{49}Ti	2006FAZZ	NUCLEAR REACTIONS ^{46,47}Ti(^{3}He, t), E=27 MeV; measured triton spectra; deduced IAS excitation. ^{46}V deduced Q(EC). ^{46,48}Ti(d, p), E=14 MeV; measured Ep. ^{47}V deduced neutron separation energy. REPT MLL 2005 Annual, P7,Faestermann
^{49}V	2005LIZX	NUCLEAR REACTIONS ^{12}C(^{40}Ca, X)^{49}Fe / ^{49}Mn / ^{49}Cr / ^{49}V, E=230 MeV; measured Eγ, Iγ, (recoil)γ-coin. REPT ANL-05/61,P44,Lister
^{49}Cr	2005LIZX	NUCLEAR REACTIONS ^{12}C(^{40}Ca, X)^{49}Fe / ^{49}Mn / ^{49}Cr / ^{49}V, E=230 MeV; measured Eγ, Iγ, (recoil)γ-coin. REPT ANL-05/61,P44,Lister
	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006BR03	NUCLEAR REACTIONS ^{46}Ti(α, n), E=12 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{49}Cr deduced levels, J, π, $T_{1/2}$, configurations. Comparison with shell model predictions. JOUR PRVCA 73 024313
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
^{49}Mn	2005LIZX	NUCLEAR REACTIONS ^{12}C(^{40}Ca, X)^{49}Fe / ^{49}Mn / ^{49}Cr / ^{49}V, E=230 MeV; measured Eγ, Iγ, (recoil)γ-coin. REPT ANL-05/61,P44,Lister
^{49}Fe	2005LIZX	NUCLEAR REACTIONS ^{12}C(^{40}Ca, X)^{49}Fe / ^{49}Mn / ^{49}Cr / ^{49}V, E=230 MeV; measured Eγ, Iγ, (recoil)γ-coin. REPT ANL-05/61,P44,Lister

A=50

^{50}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, T$_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{50}Ti	2006LEZQ	NUCLEAR REACTIONS ^{50}Ti(^{138}Xe, ^{138}Xe'), E=2.8 MeV / nucleon; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{138}Xe deduced transition. Miniball array. REPT MLL 2005 Annual, P15,Leske
^{50}V	2006LA12	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions. JOUR PRVCA 73 064301
^{50}Cr	2006BA33	RADIOACTIVITY ^{50}Mn(β^+) [from ^{50}Cr(p, n)]; measured Eβ, T$_{1/2}$. Comparison with previous results. JOUR PRVCA 73 064306
^{50}Mn	2006BA33	NUCLEAR REACTIONS ^{50}Cr(p, n), E=8.58-8.82 MeV; measured relative yields. JOUR PRVCA 73 064306
	2006BA33	RADIOACTIVITY ^{50}Mn(β^+) [from ^{50}Cr(p, n)]; measured Eβ, T$_{1/2}$. Comparison with previous results. JOUR PRVCA 73 064306

A=51

^{51}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, T$_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{51}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, T$_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{51}V	2006LA12	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions. JOUR PRVCA 73 064301
^{51}Cr	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

A=52

^{52}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{52}Ca	2006GA24	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, ^{52}CaX), E=72 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, longitudinal momentum distribution, yields following two-proton knockout; deduced inclusive σ. ^{52}Ca deduced levels, J, π, configurations. JOUR PRVCA 74 021302
	2006GAZY	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, X)^{52}Ca, E=72 MeV / nucleon; measured Eγ, (particle)γ-coin, parallel momentum distributions, σ. ^{52}Ca deduced levels, J, π, shell closure features. ^{54}Ti deduced sub-shell closure. PREPRINT nucl-ex/0606033,6/26/2006
	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, $T_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{52}Sc	2006GA14	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, X), (^{55}V, X)^{52}Sc, E $\approx$ 77 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{52}Sc deduced levels, transitions. Comparison with shell model predictions. JOUR PRVCA 73 037309
	2006GAZZ	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, X), (^{55}V, X)^{52}Sc, E=77 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin. ^{52}Sc deduced levels, J, π, configurations. Comparison with shell model predictions. PREPRINT nucl-ex/0603004,3/2/2006
^{52}Ti	2006SP02	NUCLEAR REACTIONS ^{12}C(^{48}Ca, ^{8}Be), E=100 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin. ^{52}Ti deduced level, J, π, g factor, B(E2), $T_{1/2}$. Transient field technique, comparison with shell model calculations. JOUR PYLBB 633 219
^{52}Mn	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

A=52 *(continued)*

	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
^{52}Fe	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633

A=53

^{53}K	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, T$_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{53}Ca	2006PE16	RADIOACTIVITY ^{51,52,53}K(β^-), (β^-n) [from U(p, X)]; measured β-delayed Eγ, En, $\gamma\gamma$-, nγ-coin, T$_{1/2}$; deduced one- and two-neutron emission probabilities. ^{50,51,52,53}Ca deduced transitions, levels. JOUR PRVCA 74 014313
^{53}Mn	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006SC16	NUCLEAR REACTIONS Pb(p, X)^{60}Fe / ^{53}Mn, E $\approx$ 100-2600 MeV; measured excitation functions. Comparison with model predictions. JOUR NIMAE 562 1057
^{53}Fe	2006MOZZ	NUCLEAR REACTIONS Ca(^{16}O, X)^{53}Fe, E=58 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{53}Fe deduced levels, J, π, configurations. REPT JAERI-TV 2004 Annual,P27,Morikawa

A=54

^{54}Ti	2006GAZY	NUCLEAR REACTIONS ^{9}Be(^{54}Ti, X)^{52}Ca, E=72 MeV / nucleon; measured Eγ, (particle)γ-coin, parallel momentum distributions, σ. ^{52}Ca deduced levels, J, π, shell closure features. ^{54}Ti deduced sub-shell closure. PREPRINT nucl-ex/0606033,6/26/2006
^{54}Cr	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85

A=54 *(continued)*

	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
^{54}Mn	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440
	2006JA11	NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
^{54}Ni	2006GA33	NUCLEAR REACTIONS ^{24}Mg(^{32}S, 2n), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{54}Ni deduced levels, J, π. Euroball IV, Euclides arrays. Level systematics in neighboring isobars discussed. JOUR PRLTA 97 152501; Erratum Phys.Rev.Lett. 97, 199901 (2006)

A=55

^{55}Mn	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006VA13	RADIOACTIVITY ^{55}Fe(EC), (β^+); measured T$_{1/2}$. JOUR ARISE 64 1412
^{55}Fe	2006VA13	RADIOACTIVITY ^{55}Fe(EC), (β^+); measured T$_{1/2}$. JOUR ARISE 64 1412

A=55 ***(continued)***

^{55}Co	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104

A=56

^{56}Cr	2006GA35	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, ^{56}CrX), E=77 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distribution; deduced σ. ^{56}Cr deduced levels, spectroscopic factors. JOUR PRVCA 74 047302
	2006GAZW	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, ^{56}CrX), E=77 MeV / nucleon; measured Eγ, Iγ, fragment parallel momentum distribution, inclusive σ for one-neutron knockout. ^{56}Cr deduced levels, spectroscopic factors. PREPRINT nucl-ex/0608053,08/30/2006
^{56}Mn	2006BAZT	NUCLEAR REACTIONS ^{112,118,120,124}Sn(^{12}C, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=2200 MeV / nucleon; ^{112,118,120,124}Sn(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{28}Mg / ^{38}S / ^{39}Cl / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{46}Sc / ^{48}Sc / ^{48}V / ^{52}Mn / ^{56}Mn, E=3650 MeV; measured production σ(^{12}C), relative yields. Nuclotron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P151,Balabekyan
	2006GUZX	NUCLEAR REACTIONS ^{19}F(n, n'), E=0-3 MeV; measured σ(E). ^{103}Rh(n, X), E $\approx$ 0-5 MeV; measured transmission σ. ^{55}Mn(n, γ), E $\approx$ 1-10 keV; ^{41}K(n, γ), E $\approx$ 10-30 keV; measured capture σ. CONF Vancouver(PHYSOR-2006),C033,Guber
	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006VO12	RADIOACTIVITY ^{183}Hf(β^-) [from ^{182}Hf(n, γ)]; ^{56}Mn, ^{116m}In, ^{180m}Hf; measured Eγ, Iγ, $T_{1/2}$. Comparisons with previous results. JOUR PRVCA 74 057303
^{56}Fe	2006EG02	NUCLEAR REACTIONS ^{3,4}He, ^{12}C, ^{56}Fe(e, e')E $\approx$ 4.5 GeV; measured relative σ(x); deduced two- and three-nucleon short-range correlation probabilities. JOUR PRLTA 96 082501

A=56 ***(continued)***

2006LU01 NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314

2006ME08 NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501

2006VO06 NUCLEAR REACTIONS ^{55}Mn(d, n), E=7 MeV; measured En, σ(E, θ). ^{56}Fe deduced level density, γ-strength function. JOUR PRVCA 74 014314

2006VOZX NUCLEAR REACTIONS ^{55}Mn(d, n), E=7 MeV; measured En, σ(E, θ). ^{56}Fe deduced nuclear level density, γ-strength function. PREPRINT nucl-ex/0604002,4/6/2006

2006VOZZ NUCLEAR REACTIONS ^{55}Mn(d, n), E=7 MeV; measured En. ^{57}Fe(^{3}He, $\alpha\gamma$), E not given; analyzed data. ^{56}Fe deduced level densities, γ-strength functions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P545,Voinov

^{56}Co 2006JA11 NUCLEAR REACTIONS Fe(p, X)^{24}Na / ^{41}Ar / ^{42}K / ^{43}K / ^{43}Sc / ^{44m}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{48}V / ^{52m}Mn / ^{52}Mn / ^{54}Mn / ^{52}Fe / ^{56}Co, E=650 MeV; measured production σ. Activation technique. Comparison with model predictions. JOUR ANEND 33 633

2006NA19 NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785

2006SI06 NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

2006SI27 NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

2007AL01 NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104

^{56}Ni 2006JO03 NUCLEAR REACTIONS ^{40}Ca(^{28}Si, 3α), E=122 MeV; ^{28}Si(^{32}S, 2n2p), E=130 MeV; measured Eγ, Iγ, (charged particle)γ-, (neutron)γ-, $\gamma\gamma$-coin. ^{56}Ni deduced levels, J, π, configurations. Shell model calculations, Gammasphere and Microball arrays. JOUR ZAANE 27 157

A=56 *(continued)*

	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006YU09	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, ^{56}NiX), E=73 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions following one-neutron knockout; deduced inclusive σ. ^{56}Ni levels deduced spectroscopic factors. ^{57}Ni levels deduced L. ^{9}Be(^{58}Ni, X), E=105 MeV / nucleon; measured fragments isotopic yields. JOUR PRVCA 74 024304
	2006YUZZ	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, X)^{56}Ni, E=73 MeV / nucleon; measured Eγ, (particle)γ-coin, parallel momentum distributions, σ. ^{56}Ni deduced levels, J, π. ^{57}Ni deduced spectroscopic factors for one-neutron removal. PREPRINT nucl-ex/0606030,6/23/2006
	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104

A=57

^{57}Sc	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{57}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{57}Fe	2005RY07	NUCLEAR REACTIONS ^{57}Fe(γ, γ'), E=low; measured nuclear forward scattering and Mossbauer spectra. JOUR HYIND 163 29
	2006MO26	RADIOACTIVITY ^{57}Co(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{57}Fe levels deduced T$_{1/2}$. Autocorrelation single-crystal time spectrometer. JOUR NIMAE 566 448
^{57}Co	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501
	2006MO26	RADIOACTIVITY ^{57}Co(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{57}Fe levels deduced T$_{1/2}$. Autocorrelation single-crystal time spectrometer. JOUR NIMAE 566 448

A=57 ***(continued)***

2006SA26 NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267

2006SI06 NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

2006SI27 NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

2006TA21 NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

2007AL01 NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104

^{57}Ni

2006MI07 RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. Comparison with shell-model predictions. JOUR PRLTA 96 102501

2006MIZZ RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. PREPRINT nucl-ex/0602016,2/16/2006

2006SA26 NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267

2006SI06 NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

2006SI27 NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1

2006TA21 NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=57 *(continued)*

	2006YU09	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, ^{56}NiX), E=73 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, parallel momentum distributions following one-neutron knockout; deduced inclusive σ. ^{56}Ni levels deduced spectroscopic factors. ^{57}Ni levels deduced L. ^{9}Be(^{58}Ni, X), E=105 MeV / nucleon; measured fragments isotopic yields. JOUR PRVCA 74 024304
	2006YUZZ	NUCLEAR REACTIONS ^{9}Be(^{57}Ni, X)^{56}Ni, E=73 MeV / nucleon; measured Eγ, (particle)γ-coin, parallel momentum distributions, σ. ^{56}Ni deduced levels, J, π. ^{57}Ni deduced spectroscopic factors for one-neutron removal. PREPRINT nucl-ex/0606030,6/23/2006
	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104
^{57}Cu	2006MI07	RADIOACTIVITY ^{57}Cu(EC), (β^{+}) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. Comparison with shell-model predictions. JOUR PRLTA 96 102501
	2006MIZZ	RADIOACTIVITY ^{57}Cu(EC), (β^{+}) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. PREPRINT nucl-ex/0602016,2/16/2006

A=58

^{58}Sc	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^{-}); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^{-}); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^{-}); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}Cr	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
^{58}Fe	2006ME08	NUCLEAR REACTIONS Ca(μ^{-}, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^{-}, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^{-}, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501

A=58 ***(continued)***

^{58}Co	2006CO14	NUCLEAR REACTIONS ^{12}C, ^{58}Ni(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{58}Co deduced Gamow-Teller strength distribution. Comparison with previous results, model predictions. JOUR PRVCA 74 034333
	2006COZZ	NUCLEAR REACTIONS ^{12}C, ^{58}Ni(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{58}Co deduced Gamow-Teller strength distribution. Comparison with previous results, model predictions. PREPRINT nucl-ex/0603019,3/20/2006
	2006GU02	NUCLEAR REACTIONS ^{12}C, ^{48}Ca, ^{58}Ni(t, ^{3}He), E=43 MeV / nucleon; measured excitation energy spectra, σ(E, θ). ^{48}K, ^{58}Co deduced giant resonance features. JOUR PRVCA 73 014616
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104
^{58}Ni	2006EK01	NUCLEAR REACTIONS ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{110}Sn deduced transition B(E2). JOUR PHSTB T125 190
	2006LU01	NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

A=58 *(continued)*

	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006NA17	NUCLEAR REACTIONS ^{58}Ni(α, α'), E=386 MeV; measured Eα, Iα, $\sigma(\theta)$, σ(E, θ). ^{58}Ni deduced isoscalar GDR, GMR, and GQR parameters. Comparison with quasi-particle RPA calculations. JOUR PYLBB 637 43
	2006NAZZ	NUCLEAR REACTIONS ^{58}Ni(α, α'), E=386 MeV; measured Eα, σ(E, θ). ^{58}Ni deduced isoscalar GDR strength distribution. Comparison with RPA model predictions. PREPRINT nucl-ex/0601009,1/04/2006
	2006RU02	NUCLEAR REACTIONS ^{28}Si(^{32}S, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{58}Ni deduced high-spin levels, J, π, configurations, unpaired band crossing. Gammasphere, Microball arrays. JOUR PRLTA 96 092501
	2006SA26	NUCLEAR REACTIONS ^{58}Ni(α, α'), (α, nα), (α, pα), E=136 MeV; measured Eγ, Eα, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{57}Co, ^{57,58}Ni deduced transitions. JOUR NIMAE 564 267

A=59

^{59}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{59}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{59}Fe	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602

A=59 *(continued)*

	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{59}Co	2006ME08	NUCLEAR REACTIONS Ca(μ^-, νxnypzα)^{43}K / ^{41}K / ^{40}K / ^{39}K / ^{38}K / ^{37}K / ^{39}Ar / ^{38}Ar / ^{38}Cl / ^{37}Cl / ^{36}Cl / ^{35}Cl / ^{34}Cl, E at rest; Fe(μ^-, νxnypzα)^{56}Mn / ^{55}Mn / ^{54}Mn / ^{53}Mn / ^{54}Cr, E at rest; Ni(μ^-, νxnypzα)^{58}Fe / ^{56}Fe / ^{59}Co / ^{57}Co, E at rest; measured Eγ, Iγ, yields. JOUR PRVCA 73 045501

A=60

^{60}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{60}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{60}Cr	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
	2006LI15	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{60}Fe, ^{60}Mn deduced levels J, π, configurations, β-feeding intensities. Comparison with shell model predictions. JOUR PRVCA 73 044322
	2006LIZZ	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, $T_{1/2}$. ^{60}Mn deduced ground and isomeric states J, π, configurations. Comparison with shell model predictions. PREPRINT nucl-ex/0604001,4/6/2006
	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
	2006TAZY	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ. ^{60,62}Cr deduced transitions. REPT RIKEN 2005 Annual,P71,Takeshita
^{60}Mn	2006LI15	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{60}Fe, ^{60}Mn deduced levels J, π, configurations, β-feeding intensities. Comparison with shell model predictions. JOUR PRVCA 73 044322

A=60 *(continued)*

	2006LIZZ	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, T$_{1/2}$. ^{60}Mn deduced ground and isomeric states J, π, configurations. Comparison with shell model predictions. PREPRINT nucl-ex/0604001,4/6/2006
^{60}Fe	2006LI15	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, T$_{1/2}$; deduced log ft. ^{60}Fe, ^{60}Mn deduced levels J, π, configurations, β-feeding intensities. Comparison with shell model predictions. JOUR PRVCA 73 044322
	2006LIZZ	RADIOACTIVITY ^{60}Cr, ^{60}Mn(β^-) [from Be(^{86}Kr, X) and subsequent decay]; measured β-delayed Eγ, Iγ, T$_{1/2}$. ^{60}Mn deduced ground and isomeric states J, π, configurations. Comparison with shell model predictions. PREPRINT nucl-ex/0604001,4/6/2006
	2006SC16	NUCLEAR REACTIONS Pb(p, X)^{60}Fe / ^{53}Mn, E $\approx$ 100-2600 MeV; measured excitation functions. Comparison with model predictions. JOUR NIMAE 562 1057
^{60}Co	2006PA20	RADIOACTIVITY ^{60}Co(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. INGA array, new background subtraction technique discussed. JOUR NIMAE 562 222
	2006SI27	NUCLEAR REACTIONS Fe(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co, E=140-500 MeV; Ni(p, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=140-500 MeV; measured σ. Thin-target activation, comparison with previous results. JOUR NIMBE 251 1
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{60}Ni	2006LU01	NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314
	2006PA20	RADIOACTIVITY ^{60}Co(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. INGA array, new background subtraction technique discussed. JOUR NIMAE 562 222
^{60}Cu	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E $\approx$ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104
^{60}Zn	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=61

^{61}Cu	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001

A=61 *(continued)*

	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E ≈ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E ≈ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E ≈ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E ≈ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E ≈ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
	2006RO41	NUCLEAR REACTIONS Zn(p, X)^{61}Cu, E=22 MeV; measured yield. Radiochemical separation. JOUR ARISE 64 1563
	2007AL01	NUCLEAR REACTIONS Ni(p, X)^{56}Ni / ^{57}Ni / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Cu / ^{61}Cu, E ≈ 5-27 MeV; measured excitation functions. Stacked foil activation technique, comparison with previous results. JOUR ARISE 65 104
^{61}Zn	2006AN31	NUCLEAR REACTIONS ^{40}Ca(^{24}Mg, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Zn deduced levels, J, π, configurations, superdeformed band features. Clarion array, large-scale shell model calculations. JOUR ZAANE 30 381

A=62

^{62}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
	2006TAZY	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), (^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ. ^{60,62}Cr deduced transitions. REPT RIKEN 2005 Annual,P71,Takeshita
^{62}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{62}Cu	2006ER03	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC). Penning trap mass spectrometer. JOUR PYLBB 636 191
	2006GO32	NUCLEAR MOMENTS ^{62}Cu; measured nuclear spin-lattice relaxation rate in iron. JOUR PRVCA 74 044313
^{62}Zn	2006ER03	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC). Penning trap mass spectrometer. JOUR PYLBB 636 191
	2006HY02	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, X)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced superallowed Fermi branching ratio, ft. ^{62}Zn deduced levels, J, π. Comparison with model predictions. JOUR PRLTA 97 102501
	2006HYZZ	RADIOACTIVITY ^{62}Ga(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin. ^{62}Zn deduced levels, J, π. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P105,Hyland
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E ≈ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E ≈ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E ≈ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E ≈ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E ≈ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785

A=62 *(continued)*

	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{62}Ga	2006ER03	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC). Penning trap mass spectrometer. JOUR PYLBB 636 191
	2006HY02	RADIOACTIVITY ^{62}Ga(β^+) [from Zr(p, X)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced superallowed Fermi branching ratio, ft. ^{62}Zn deduced levels, J, π. Comparison with model predictions. JOUR PRLTA 97 102501
	2006HYZZ	RADIOACTIVITY ^{62}Ga(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin. ^{62}Zn deduced levels, J, π. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P105,Hyland

A=63

^{63}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Ni	2006ALZZ	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=0.25-100 keV; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P273
^{63}Zn	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=64

^{64}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{64}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{64}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy

A=64 ***(continued)***

	2006HOZY	NUCLEAR REACTIONS $^{238}U(^{64}Ni, X)^{64}Fe$ / ^{69}Ga, E=430 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{64}Fe deduced levels, J, π, configurations. Gammasphere array, comparison with shell model predictions. Level systematics in neighboring nuclides discussed. PREPRINT Hoteling,11/2/2006
^{64}Co	2006POZY	NUCLEAR REACTIONS ^{64}Ni(d, 2p), E=171 MeV; measured particle spectra; σ(E, θ). ^{64}Co deduced levels, B(GT). Comparison with previous results, model predictions. PREPRINT Popescu,8/17/2006
	2006POZZ	NUCLEAR REACTIONS $^{64}Ni(^{3}He, t)$, E=420 MeV; ^{64}Ni(d, 2p), E=170 MeV; measured particle spectra; deduced Gamow-Teller strength distributions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P550,Popescu
^{64}Ni	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^{+}EC); ^{180}W(2EC); ^{70}Zn, $^{186}W(2\beta^{-})$; measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2005QAZY	RADIOACTIVITY ^{64}Cu, $^{124}I(\beta^{+})$ [from $^{66}Zn(d, \alpha)$ and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
	2006FE11	RADIOACTIVITY $^{64}Cu(\beta^{+})$; measured near-zero-energy electron yields vs source thickness. JOUR UKPJA 51 1044
	2006WI12	RADIOACTIVITY ^{116}Cd, $^{130}Te(2\beta^{-})$; ^{64}Zn, $^{120}Te(\beta^{+}EC)$, (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY $^{113}Cd(\beta^{-})$; measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, $^{128,130}Te(2\beta^{-})$; ^{64}Zn, ^{106}Cd, $^{120}Te(\beta^{+}EC)$, (2EC); $^{106}Cd(2\beta^{+})$; measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{64}Cu	2005CO27	NUCLEAR REACTIONS $^{64,66,68}Zn$(n, p), ^{64}Zn(n, 2n), $^{68}Zn(n, \alpha)$, E=spectrum; measured σ. $^{70}Zn(n, \gamma)$, E=spectrum; measured resonance integrals. JOUR RAACA 93 543
	2005QAZY	RADIOACTIVITY ^{64}Cu, $^{124}I(\beta^{+})$ [from $^{66}Zn(d, \alpha)$ and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
	2006AB30	NUCLEAR REACTIONS $^{64,66,67}Zn(d, X)^{64}Cu$ / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY $^{61,64}Cu$, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
	2006FE11	RADIOACTIVITY $^{64}Cu(\beta^{+})$; measured near-zero-energy electron yields vs source thickness. JOUR UKPJA 51 1044
	2006MA34	NUCLEAR REACTIONS $^{63}Cu(n, \gamma)$, E=reactor; measured capture rates, spatial distribution in fuel assembly. JOUR NIMAE 562 393
	2006POZZ	NUCLEAR REACTIONS $^{64}Ni(^{3}He, t)$, E=420 MeV; ^{64}Ni(d, 2p), E=170 MeV; measured particle spectra; deduced Gamow-Teller strength distributions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P550,Popescu

A=64 *(continued)*

	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{64}Zn	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured T$_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in ZnWO$_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te(2β^-); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured 0ν2$\beta\beta$-decay T$_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, T$_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te(2β^-); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd(2β^+); measured T$_{1/2}$ lower limits. JOUR PPNPD 57 235
^{64}Ge	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=65

^{65}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{65}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{65}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
	2006DAZX	NUCLEAR REACTIONS Be, C, Ni, Ta(^{86}Kr, X)^{65}Fe / ^{67}Fe / ^{68}Fe, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{65,67,68}Fe deduced levels, J, π.^{65,67}Fe deduced isomeric states T$_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P427
^{65}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{65}Ni	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543
	2006GE16	NUCLEAR REACTIONS ^{64}Ni(d, p), E=6 MeV; measured Eγ, Iγ(θ, H, t). ^{65}Ni deduced isomeric state g. Time-dependent perturbed angular distribution method. JOUR ZAANE 30 351
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56

A=65 *(continued)*

^{65}Cu	2006KO31	RADIOACTIVITY ^{65}Zn(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin, T$_{1/2}$; deduced photon emission probabilities. JOUR ARISE 64 1420
	2006SH07	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{7}Li, dα), (^{7}Li, tα), E=25 MeV; measured Eα, Iα, dα-, tα-coin, $\sigma(\theta)$. ^{65}Cu(^{6}Li, ^{6}Li), (^{7}Li, ^{7}Li), E=25 MeV; measured elastic $\sigma(\theta)$. Comparison with DWBA and coupled channels calculations. JOUR PYLBB 633 463
^{65}Zn	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006KO31	RADIOACTIVITY ^{65}Zn(EC), (β^+); measured Eγ, Iγ, $\beta\gamma$-coin, T$_{1/2}$; deduced photon emission probabilities. JOUR ARISE 64 1420
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
	2006TA21	NUCLEAR REACTIONS Cu(d, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{64}Cu / ^{57}Ni / ^{65}Ni / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 3-50 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 56
^{65}Ge	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=66

^{66}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{66}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{66}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{66}Cu	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543
	2006SH07	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{7}Li, dα), (^{7}Li, tα), E=25 MeV; measured Eα, Iα, dα-, tα-coin, $\sigma(\theta)$. ^{65}Cu(^{6}Li, ^{6}Li), (^{7}Li, ^{7}Li), E=25 MeV; measured elastic $\sigma(\theta)$. Comparison with DWBA and coupled channels calculations. JOUR PYLBB 633 463

A=66 *(continued)*

^{66}Zn	2006LE24	NUCLEAR REACTIONS C(^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, I$\gamma(\theta$, H, t), DSA, (recoil)γ-coin following projectile Coulomb excitation. ^{66}Zn levels deduced $T_{1/2}$, B(E2), g factors. Comparison with neighboring isotopes, shell-model calculations. JOUR PRVCA 73 064305
^{66}Ga	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured $T_{1/2}$. JOUR ARISE 64 1001
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{66}Ge	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{66}As	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=67

^{67}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{67}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
	2006DAZX	NUCLEAR REACTIONS Be, C, Ni, Ta(^{86}Kr, X)^{65}Fe / ^{67}Fe / ^{68}Fe, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{65,67,68}Fe deduced levels, J, π.^{65,67}Fe deduced isomeric states $T_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P427
^{67}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{67}Cu	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001

A=67 *(continued)*

^{67}Ga	2005NE18	NUCLEAR REACTIONS ^{66}Zn(p, γ), E=1.5-3.0 MeV; measured Eγ, Iγ; deduced σ(E). JOUR BRSPE 69 1809
	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{67}Ge	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{67}As	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=68

^{68}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{68}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
	2006DAZX	NUCLEAR REACTIONS Be, C, Ni, Ta(^{86}Kr, X)^{65}Fe / ^{67}Fe / ^{68}Fe, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{65,67,68}Fe deduced levels, J, π.^{65,67}Fe deduced isomeric states T$_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P427
^{68}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{68}Cu	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543

A=68 *(continued)*

	2006GE18	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.86 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams. JOUR IMPEE 15 1505
^{68}Ge	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{68}As	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{68}Se	2006GOZZ	ATOMIC MASSES ^{68}Se, ^{80}Y; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P159
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=69

^{69}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Zn	2005MAZI	NUCLEAR REACTIONS ^{70}Zn(n, 2n), E=10-14 MEV; measured isomer production σ. comparison with previous results and model predictions. REPT NEA/NSC/DOC(2005)27,P40,Mannhart
	2006AB30	NUCLEAR REACTIONS ^{64,66,67}Zn(d, X)^{64}Cu / ^{61}Cu / ^{65}Zn / ^{69m}Zn / ^{66}Ga / ^{67}Ga, E=19.5; measured thick target yields. Zn(d, X)^{64}Cu / ^{61}Cu / ^{67}Cu / ^{65}Zn / ^{69m}Zn / ^{67}Ga, E=10-19.5 MeV; calculated thick target yields. JOUR ARISE 64 1001
	2006AB30	RADIOACTIVITY ^{61,64}Cu, ^{66}Ga, ^{69m}Zn [from Zn(d, X)]; measured T$_{1/2}$. JOUR ARISE 64 1001
^{69}Ga	2005NE16	NUCLEAR REACTIONS ^{68}Zn(p, γ), E=1.5-3.0 MeV; measured Eγ, Iγ; deduced σ(E). Statistical model analysis. JOUR BRSPE 69 108

A=69 *(continued)*

	2006HOZY	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{64}Fe / ^{69}Ga, E=430 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{64}Fe deduced levels, J, π, configurations. Gammasphere array, comparison with shell model predictions. Level systematics in neighboring nuclides discussed. PREPRINT Hoteling,11/2/2006
	2006RA25	NUCLEAR MOMENTS ^{69}Ga; measured NMR spectra, light-induced hyperfine shifts. JOUR PRBMD 74 153201
^{69}Ge	2005GO44	RADIOACTIVITY ^{69}As(EC), (β^+) [from Zr(p, X)]; measured Eβ, β-asymmetry, β-NMR spectrum from polarized source. ^{69}As deduced μ. JOUR PRVCA 72 064316
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{69}As	2005GO44	RADIOACTIVITY ^{69}As(EC), (β^+) [from Zr(p, X)]; measured Eβ, β-asymmetry, β-NMR spectrum from polarized source. ^{69}As deduced μ. JOUR PRVCA 72 064316
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{69}Se	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=70

^{70}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{70}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{70}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
	2006PE13	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2), enhanced core polarization. JOUR PRLTA 96 232501
^{70}Cu	2005BL34	RADIOACTIVITY ^{70,70m}Cu(β^-) [from U(p, X)]; measured Eγ, $\beta\gamma$-coin. Isomer separation using selective resonant ionization. JOUR HYIND 162 173

A=70 *(continued)*

	2006GE18	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.86 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams. JOUR IMPEE 15 1505
^{70}Zn	2005BL34	RADIOACTIVITY ^{70,70m}Cu(β^-) [from U(p, X)]; measured Eγ, $\beta\gamma$-coin. Isomer separation using selective resonant ionization. JOUR HYIND 162 173
	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured T$_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in ZnWO$_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, T$_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te(2β^-); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd(2β^+); measured T$_{1/2}$ lower limits. JOUR PPNPD 57 235
^{70}Ge	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured T$_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in ZnWO$_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006LE31	NUCLEAR REACTIONS ^{12}C(^{66}Zn, 2α), (^{66}Zn, ^{66}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin, DSA. ^{70}Ge deduced levels, J, π, T$_{1/2}$, B(E2), g factor. Comparison with previous results, model predictions. JOUR PRVCA 74 024315
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, T$_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te(2β^-); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd(2β^+); measured T$_{1/2}$ lower limits. JOUR PPNPD 57 235
^{70}As	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{70}Se	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{70}Br	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=71

^{71}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, T$_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy

A=71 *(continued)*

^{71}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{71}Zn	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543
^{71}Ge	2006AB11	NUCLEAR REACTIONS ^{71}Ga(ν, e), E=spectrum; measured production rate using ^{37}Ar neutrino source. Comparison with model predictions, implications for solar neutrino experiment discussed. JOUR PRVCA 73 045805
	2006AB17	NUCLEAR REACTIONS ^{71}Ga(ν, e), E=spectrum; measured solar neutrino capture rate. JOUR APHYE 25 349
	2006GA38	NUCLEAR REACTIONS ^{71}Ga(ν, e), E=spectrum; measured production rate using ^{37}Ar neutrino source. Comparison with model predictions, implications for solar neutrino experiment discussed. JOUR PANUE 69 1820
^{71}Se	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{71}Br	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=72

^{72}Ni	2005THZX	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{72}Cu, ^{72}Zn deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P131
	2006TH12	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{72}Cu, ^{72}Zn deduced levels, J, π, configurations. JOUR PRVCA 74 054309
^{72}Cu	2005THZX	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{72}Cu, ^{72}Zn deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P131
	2006TH12	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{72}Cu, ^{72}Zn deduced levels, J, π, configurations. JOUR PRVCA 74 054309
^{72}Zn	2005THZX	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{72}Cu, ^{72}Zn deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P131

A=72 *(continued)*

	2006TH12	RADIOACTIVITY ^{72}Ni, ^{72}Cu(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{72}Cu, ^{72}Zn deduced levels, J, π, configurations. JOUR PRVCA 74 054309
^{72}Se	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{72}Br	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{72}Kr	2006AN35	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2α), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{72}Kr deduced high-spin levels, J, π, configurations, transition quadrupole moments, $T_{1/2}$. Gammasphere, Microball arrays. JOUR PHSTB T125 127
	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=73

^{73}Se	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{73}Br	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{73}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=74

^{74}Ni	2006KAZY	NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin. ^{74}Ni deduced transition. REPT RIKEN 2005 Annual,P72,Kanno
^{74}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2006PE13	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2), enhanced core polarization. JOUR PRLTA 96 232501
^{74}Ga	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{74}Ge	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{74}As	2006DO24	NUCLEAR REACTIONS ^{75}As(n, p), (n, 2n), E=spectrum; measured spectrum-averaged σ. Neutrons from fission of ^{235}U. JOUR JRNCD 270 603
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{74}Br	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{74}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006ST14	RADIOACTIVITY ^{74}Rb(β^{+}) [from ^{40}Ca(^{36}Ar, np)]; measured Eβ. JOUR NIMAE 565 630
	2006VAZX	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), E=165, 185 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{74}Kr deduced high-spin levels, J, π, T$_{1/2}$, transition quadrupole moments. Gammasphere, Euroball, Microball, and ISIS arrays. CONF Isle of Kos (FINUSTAR),Proc,P283

A=74 *(continued)*

	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608
^{74}Rb	2006FI08	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, npα), E=123, 160 MeV; ^{40}Ca(^{36}Ar, np), E=108 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{74}Rb deduced high-spin levels, J, π, configurations, analog states features. Gammasphere, Microball arrays, mass separator. JOUR PRVCA 74 054304
	2006ST14	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, np), E=103 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{74}Rb deduced transitions. Recoil-beta tagging, mass separator. JOUR NIMAE 565 630
	2006ST14	RADIOACTIVITY ^{74}Rb(β^{+}) [from ^{40}Ca(^{36}Ar, np)]; measured Eβ. JOUR NIMAE 565 630

A=75

^{75}Ge	2006DO24	NUCLEAR REACTIONS ^{75}As(n, p), (n, 2n), E=spectrum; measured spectrum-averaged σ. Neutrons from fission of ^{235}U. JOUR JRNCD 270 603
^{75}Br	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{75}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=76

^{76}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315

A=76 *(continued)*

^{76}Ge	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{76}As	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{76}Br	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{76}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
	2006YA17	NUCLEAR REACTIONS ^{9}Be(^{80}Kr, X)^{76}Kr / ^{75}Kr / ^{74}Kr / ^{73}Kr / ^{72}Kr / ^{74}Br / ^{73}Br / ^{72}Br / ^{71}Br / ^{70}Br / ^{72}Se / ^{71}Se / ^{70}Se / ^{69}Se / ^{68}Se / ^{70}As / ^{69}As / ^{68}As / ^{67}As / ^{66}As / ^{68}Ge / ^{67}Ge / ^{66}Ge / ^{65}Ge / ^{64}Ge, E=1.05 GeV / nucleon; measured fragments isotopic production σ. JOUR PRVCA 74 044608

A=77

^{77}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{77}Br	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915

A=77 *(continued)*

	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985
^{77}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=78

^{78}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{78}Ga	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{78}Ge	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{78}Kr	2006BE18	NUCLEAR REACTIONS ^{26}Mg, ^{48}Ti, ^{208}Pb(^{78}Kr, ^{78}Kr'), E=180, 200, 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78}Kr deduced levels, J, π, B(E2), B(M1), quadrupole moments, deformation parameters. Comparison with model predictions. JOUR NUPAB 770 107
	2006DH01	NUCLEAR REACTIONS ^{63}Cu(^{19}F, 2p2n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{78}Kr deduced high spin levels, $T_{1/2}$, transition quadrupole moments. Comparison with Hartree-Fock-Bogoliubov model. INGA array. JOUR ZAANE 27 33
	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=78 (continued)

^{78}Rb	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=79

^{79}Se	2006RUZX	NUCLEAR REACTIONS ^{58}Ni, ^{78}Se(n, γ), E=spectrum; measured capture σ. Astrophysical implications discussed. REPT MLL 2005 Annual, P27,Rugel
^{79}Kr	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
^{79}Rb	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006SI26	NUCLEAR REACTIONS ^{63}Cu(^{19}F, 2np), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{79}Rb deduced high-spin levels, $T_{1/2}$, transition quadrupole moments. Comparison with Total Routhian Surface calculations. INGA array. JOUR ZAANE 28 277
	2006SO07	NUCLEAR REACTIONS ^{66}Zn(^{16}O, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{73}Se / ^{67}Ge / ^{69}Ge / ^{66}Ga / ^{67}Ga, E $\approx$ 60-95 MeV; ^{45}Sc(^{37}Cl, xnyp)^{78}Rb / ^{79}Rb / ^{75}Br / ^{76}Br / ^{77}Br / ^{76}Kr / ^{77}Kr / ^{48}V / ^{44}Sc / ^{47}Sc, E $\approx$ 100-125 MeV; measured excitation functions; deduced entrance channel effects, other reaction mechanism features. JOUR PRAMC 66 985

A=80

^{80}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{80}Ga	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315

A=80 *(continued)*

^{80}Ge	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{80}Se	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
^{80}Br	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{80}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
^{80}Rb	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{80}Sr	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
^{80}Y	2006GOZZ	ATOMIC MASSES ^{68}Se, ^{80}Y; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P159
	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=81

^{81}Zn	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315

A=81 ***(continued)***

	2006VEZZ	RADIOACTIVITY ^{81}Zn, ^{83}Ga(β^-) [from U(n, F)]; measured not given. ^{81}Ga, ^{83}Ge deduced levels, J, π, configurations. PREPRINT nucl-ex/0610012,10/06/2006
^{81}Ga	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
	2006VEZZ	RADIOACTIVITY ^{81}Zn, ^{83}Ga(β^-) [from U(n, F)]; measured not given. ^{81}Ga, ^{83}Ge deduced levels, J, π, configurations. PREPRINT nucl-ex/0610012,10/06/2006
^{81}Ge	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{81}As	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{81}Kr	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
^{81}Rb	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
^{81}Sr	2005KOZU	RADIOACTIVITY ^{81}Zn, ^{81}Ga, ^{81}Ge, ^{81}Rb(β^-) [from ^{238}U(n, X)]; measured Eγ, Iγ. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
^{81}Y	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=82

^{82}Ga	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
^{82}Ge	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{82}Se	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
^{82}Br	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k$_0$ factors. Chopped beam. JOUR NIMAE 564 655
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{82}Kr	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
^{82}Rb	2005KOZU	NUCLEAR REACTIONS ^{238}U(n, X)^{74}Zn / ^{76}Zn / ^{77}Zn / ^{78}Zn / ^{80}Zn / ^{81}Zn / ^{74}Ga / ^{78}Ga / ^{80}Ga / ^{81}Ga / ^{82}Ga / ^{80}Rb / ^{81}Rb / ^{82}Rb, E=spectrum; measured yields. Neutron converter, resonant laser ionization. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P315
	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
^{82}Sr	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915

A=82 *(continued)*

	2007QA01	NUCLEAR REACTIONS Rb(p, xn)^{85}Sr, E=25-45 MeV; measured σ. Rb(p, xn)^{82}Sr / ^{85}Sr, E $\approx$ 5-80 MeV; compiled, analyzed σ; deduced integral yields. JOUR ARISE 65 247
^{82}Y	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=83

^{83}Ga	2006PE20	RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307
	2006VEZZ	RADIOACTIVITY ^{81}Zn, ^{83}Ga(β^-) [from U(n, F)]; measured not given. ^{81}Ga, ^{83}Ge deduced levels, J, π, configurations. PREPRINT nucl-ex/0610012,10/06/2006
^{83}Ge	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
	2006PE20	RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307
	2006VEZZ	RADIOACTIVITY ^{81}Zn, ^{83}Ga(β^-) [from U(n, F)]; measured not given. ^{81}Ga, ^{83}Ge deduced levels, J, π, configurations. PREPRINT nucl-ex/0610012,10/06/2006
^{83}As	2006GAZV	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{81}Ga, ^{83}Ge, ^{83}As deduced transitions. ^{36}Si, ^{54,58,60}Cr deduced levels, J, π. CLARA array, PRISMA spectrometer. CONF Isle of Kos (FINUSTAR),Proc,P85
^{83}Se	2006FO13	NUCLEAR REACTIONS ^{208}Pb(^{18}O, F)^{83}Se / ^{138}Ba / ^{139}Ba / ^{140}Ba, E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Se deduced high-spin levels, J, π, configurations. Gammasphere array. JOUR PRVCA 74 034308
^{83}Kr	2006SI11	NUCLEAR MOMENTS ^{83}Kr; measured hfs; deduced coupling constants. Two-step laser excitation. JOUR PLRAA 73 032508
	2006VE03	RADIOACTIVITY ^{83}Rb(EC), (β^+) [from Kr(p, xn)]; ^{83m}Kr(IT) [from ^{83}Rb decay]; measured Eγ, Iγ, X-ray spectra. ^{83}Kr deduced transition energy. JOUR NIMAE 560 352
^{83}Rb	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006GA10	NUCLEAR REACTIONS ^{76}Ge(^{11}B, 4nγ), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{83}Rb deduced levels, J, π, δ, $T_{1/2}$, B(E2), B(M1), configurations, magnetic rotation. Comparison with particle-rotor-model calculations. JOUR NUPAB 768 43

A=83 *(continued)*

	2006VE03	RADIOACTIVITY ^{83}Rb(EC), (β^+) [from Kr(p, xn)]; ^{83m}Kr(IT) [from ^{83}Rb decay]; measured Eγ, Iγ, X-ray spectra. ^{83}Kr deduced transition energy. JOUR NIMAE 560 352
^{83}Sr	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
^{83}Y	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271
^{83}Zr	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=84

^{84}Ga	2006PE20	RADIOACTIVITY ^{83}Ga(β^-); ^{84}Ga(β^-n) [from ^{238}U(n, F), E=fast]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-coin, $\beta\gamma$-coin. ^{83}Ge deduced levels, J, π, transitions. Isotope separator. JOUR ZAANE 28 307
^{84}Se	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225
^{84}Br	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{84}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006SC22	NUCLEAR REACTIONS ^{82}Se(α, 2n), E=24 MeV; measured delayed Eγ, Iγ(θ, H, t) following implantation in Cd. ^{84}Kr deduced isomeric state quadrupole moment. Quadrupole systematics in neighboring nuclides compared. JOUR PRVCA 74 034309

A=84 *(continued)*

^{84}Rb	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
^{84}Zr	2006CH09	NUCLEAR REACTIONS ^{58}Ni(^{32}S, 2pα), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{84}Zr deduced high-spin levels, J, π, superdeformed bands, linking transitions. Gammasphere, Microball arrays. Potential energy surface calculations. JOUR PRVCA 73 021301
	2006CH57	NUCLEAR REACTIONS ^{58}Ni(^{32}S, 2pα), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{84}Zr deduced superdeformed band transitions, linking transitions to normal-deformed states. Gammasphere, Microball arrays. JOUR PHSTB T125 119
	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=85

^{85}Br	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225
^{85}Kr	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
^{85}Rb	2006DA03	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs. JOUR ZDDNE 37 313
^{85}Sr	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006DI02	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr(n, γ), E=spectrum; measured capture σ; deduced Maxwellian averaged σ. Activation technique, astrophysical implications discussed. JOUR PRVCA 73 015803
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
	2007QA01	NUCLEAR REACTIONS Rb(p, xn)^{85}Sr, E=25-45 MeV; measured σ. Rb(p, xn)^{82}Sr / ^{85}Sr, E $\approx$ 5-80 MeV; compiled, analyzed σ; deduced integral yields. JOUR ARISE 65 247
^{85}Zr	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271
^{85}Nb	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=86

^{86}Se	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
^{86}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
^{86}Rb	2006BU07	NUCLEAR REACTIONS Rb(p, X)^{80}Sr / ^{81}Sr / ^{82}Sr / ^{83}Sr / ^{85}Sr / ^{79}Rb / ^{81}Rb / ^{82m}Rb / ^{83}Rb / ^{84}Rb / ^{86}Rb / ^{77}Br / ^{80m}Br / ^{79}Kr, E $\approx$ 8-100 MeV; measured excitation functions. Stacked-foil activation technique. JOUR ARISE 64 915
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{86}Zr	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271
^{86}Nb	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=87

^{87}Br	2006PO09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{87}Kr deduced high-spin levels, J, π, configurations. ^{87}Br deduced ground state J, π. Euroball IV array. JOUR ZAANE 28 153
	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{87}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006PO09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{87}Kr deduced high-spin levels, J, π, configurations. ^{87}Br deduced ground state J, π. Euroball IV array. JOUR ZAANE 28 153
^{87}Rb	2006DA03	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs. JOUR ZDDNE 37 313
	2006GR06	RADIOACTIVITY ^{87}Rb(β^-); measured Eβ; deduced shape factors. JOUR NUPAB 767 248
	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225

A=87 *(continued)*

^{87}Sr	2006GR06	RADIOACTIVITY ^{87}Rb(β^-); measured Eβ; deduced shape factors. JOUR NUPAB 767 248
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
	2006SA21	NUCLEAR MOMENTS ^{87}Sr; measured hfs; deduced quadrupole moment. JOUR PLRAA 73 062501
^{87}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{87}Nb	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271

A=88

^{88}Se	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
^{88}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{88}Kr	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270
	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
^{88}Rb	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
	2006HEZY	NUCLEAR REACTIONS ^{45}Sc, ^{59}Co, ^{63,65}Cu, ^{79,81}Br, ^{87}Rb(n, γ), E=spectrum; measured Maxwellian-averaged capture σ. Astrophysical implications discussed. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P265,Heil
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi

A=88 *(continued)*

^{88}Sr	2006GOZX	NUCLEAR REACTIONS ^{88}Sr(n, n'γ) E=fast; measured I$\gamma(\theta)$. ^{88}Sr deduced mixing ratio δ. Reactor. CONF Sarov(Nucleus-2006),Contrib,P105,Govor
^{88}Zr	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271
^{88}Nb	2006KA48	ATOMIC MASSES ^{80,81,82,83}Y, ^{83,84,85,86,88}Zr, ^{85,86,87,88}Nb; measured masses. Penning trap. JOUR ZAANE 29 271
	2006PA20	NUCLEAR REACTIONS ^{63}Cu(^{31}P, xnyp), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{181}Ta(^{31}P, ^{31}P'), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{88,89}Nb, ^{181}Ta deduced transitions. INGA array, new background subtraction technique discussed. JOUR NIMAE 562 222

A=89

^{89}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{89}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
^{89}Sr	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi
^{89}Zr	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{89}Nb	2006PA20	NUCLEAR REACTIONS ^{63}Cu(^{31}P, xnyp), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{181}Ta(^{31}P, ^{31}P'), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{88,89}Nb, ^{181}Ta deduced transitions. INGA array, new background subtraction technique discussed. JOUR NIMAE 562 222

A=90

^{90}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331

A=90 *(continued)*

^{90}Rb	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270
	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{90}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
	2006WAZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 5nα), (^{17}N, 5npα), (^{17}N, 3n2α), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Y deduced possible high-spin isomeric state. REPT RIKEN 2005 Annual,P75,Wakabayashi
^{90}Zr	2006HA50	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=200 MeV; measured Ep, Eα, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; measured En, Eα. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced branching ratios for particle decay of isoscalar GDR. Comparison with model predictions. JOUR IMPEE 15 1357
	2006HUZY	NUCLEAR REACTIONS ^{90}Zr, ^{208}Pb(α, α'p), E=200 MeV; measured Ep. ^{90}Zr deduced isoscalar GDR proton decay features. REPT ATOMKI 2005 Annual,P21,Hunyadi
^{90}Nb	2006KA02	NUCLEAR REACTIONS ^{90}Zr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. ^{90}Nb deduced level densities, fine structure of Gamow-Teller resonance. Wavelet analysis technique. JOUR PRLTA 96 012502
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602

A=91

^{91}Br	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{91}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331

A=91 *(continued)*

^{91}Rb	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270
	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{91}Sr	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
^{91}Y	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{91}Zr	2006OHZZ	NUCLEAR REACTIONS ^{90,94}Zr(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P373,Ohgama
	2006REZZ	NUCLEAR REACTIONS ^{82}Se(^{13}C, 3n), (^{13}C, 4n), E=50 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{91,92}Zr deduced levels, J, π, configurations, isomeric states $T_{1/2}$. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P35,Regan
^{91}Nb	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
^{91}Mo	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171

A=92

^{92}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
^{92}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205

A=92 *(continued)*

	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Sr	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Y	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{92}Zr	2006REZZ	NUCLEAR REACTIONS ^{82}Se(^{13}C, 3n), (^{13}C, 4n), E=50 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{91,92}Zr deduced levels, J, π, configurations, isomeric states $T_{1/2}$. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P35,Regan
	2006URZZ	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X), E=560 MeV; measured fragments isotopic yields following multinucleon transfer, velocity distributions, Eγ, Iγ. ^{208}Pb(^{90}Zr, ^{90}Zr), E=560 MeV; measured $\sigma(\theta)$. ^{92}Zr deduced transitions. CONF San Servolo(Fusion06),Proc,P43
^{92}Mo	2006RU06	NUCLEAR REACTIONS ^{92}Mo(γ, γ'), E=6.0 MeV bremsstrahlung; ^{98,100}Mo(γ, γ'), E $\approx$ 3.3, 3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced transitions B(M1), strength distributions. Comparison with quasiparticle RPA model predictions. JOUR PRVCA 73 044308
	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171
^{92}Rh	2006MU03	RADIOACTIVITY ^{94m}Ag(p), (2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{92}Rh deduced levels, J, π. JOUR NATUA 439 298
	2006RO08	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=93

^{93}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{93}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{93}Zr	2006LAZZ	NUCLEAR REACTIONS ^{92}Zr(n, γ), E=fast; measured Eγ, Iγ. Possible baseline distortion effects discussed. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P402,Laptev

A=93 *(continued)*

^{93}Nb	2005CHZR	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E ≈ 55 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124}Xe level deduced $T_{1/2}$. Time of flight technique. PREPRINT nucl-ex/0601002,12/31/2005
	2006CH26	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E=55 MeV / nucleon; measured Doppler-shifted Eγ, Iγ following projectile Coulomb excitation. ^{124}Xe deduced excited state $T_{1/2}$. Time-of-flight technique, recoil-distance technique. JOUR NIMAE 562 230
	2006OR09	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-3 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, γγ-coin, DSA. ^{93}Nb deduced levels J, π, configurations, $T_{1/2}$, B(M1), B(E2). Comparison with shell model predictions. JOUR PRLTA 97 062504
	2006ORZZ	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-3 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, γγ-coin, DSA, excitation functions. ^{93}Nb deduced levels, J, π, $T_{1/2}$, mixed-symmetry states. PREPRINT nucl-ex/0607026,7/24/2006
^{93}Mo	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
^{93}Rh	2006RO08	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, γγ-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368
^{93}Pd	2006MU03	RADIOACTIVITY ^{94m}Ag(p), (2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, γγ-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{92}Rh deduced levels, J, π. JOUR NATUA 439 298
	2006RO08	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, γγ-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=94

^{94}Kr	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{94}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308

A=94 *(continued)*

	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{94}Sr	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{94}Y	2006LH01	RADIOACTIVITY ^{92,94}Rb, ^{92,94}Sr(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ; deduced absolute branching intensities. JOUR PRVCA 74 017308
^{94}Zr	2006TOZZ	NUCLEAR REACTIONS Pb(^{94}Zr, ^{94}Zr'), E=300 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{94}Zr transition deduced B(E3). REPT JAERI-TV 2004 Annual,P19,Toh
^{94}Mo	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
	2006VOZY	NUCLEAR REACTIONS ^{92}Zr, ^{94}Mo(e, e'), (p, p'), E not given; measured σ(E, θ). ^{94}Mo deduced symmetric and mixed-symmetry one-phonon states. Comparison with shell model and quasiparticle phonon model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P611
^{94}Ru	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175
^{94}Rh	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175
^{94}Pd	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
	2006BA55	RADIOACTIVITY ^{94}Pd, ^{94m}Rh(β^+), (EC) [from ^{58}Ni(^{40}Ca, 2n2p) and subsequent decay]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Q(EC), Gamow-Teller strength distributions. Total absorption spectrometer. JOUR ZAANE 29 175
	2006RO08	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=94 *(continued)*

^{94}Ag	2006MU03	RADIOACTIVITY ^{94m}Ag(p), (2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{92}Rh deduced levels, J, π. JOUR NATUA 439 298
	2006RO08	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^{+}) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=95

^{95}Kr	2005PIZX	NUCLEAR REACTIONS ^{239,241}Pu(n, F)^{95}Kr / ^{97}Sr / ^{96}Rb, E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{96}Rb deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2006DE36	ATOMIC MASSES ^{84,86,87,88,89,90,91,92,93,94,95}Kr; measured masses. Penning trap mass spectrometer. JOUR PRVCA 74 034331
	2006GE05	RADIOACTIVITY ^{95}Kr(IT) [from ^{241}Pu(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{95}Kr deduced levels, J, π, deformation. JOUR PRVCA 73 037308
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{95}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{95}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
^{95}Zr	2006OHZZ	NUCLEAR REACTIONS ^{90,94}Zr(n, γ), E=15-100, 550 keV; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P373,Ohgama
^{95}Mo	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
^{95}Tc	2006KH03	NUCLEAR REACTIONS Mo(p, xn)^{99m}Tc / ^{96}Tc / ^{95m}Tc / ^{95}Tc, E=10-30 MeV; measured production σ. Stacked-foil activation technique, comparison with previous results. JOUR KPSJA 48 821

A=96

^{96}Rb	2005PIZX	NUCLEAR REACTIONS ^{239,241}Pu(n, F)^{95}Kr / ^{97}Sr / ^{96}Rb, E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{96}Rb deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{96}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{96}Nb	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{96}Mo	2006BEZN	NUCLEAR REACTIONS ^{96}Mo(^{138}Xe, ^{138}Xe'), (^{140}Xe, ^{140}Xe'), (^{142}Xe, ^{142}Xe'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Miniball array. REPT MLL 2005 Annual, P16,Behrens
	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
	2006WR01	NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374
^{96}Tc	2006KH03	NUCLEAR REACTIONS Mo(p, xn)^{99m}Tc / ^{96}Tc / ^{95m}Tc / ^{95}Tc, E=10-30 MeV; measured production σ. Stacked-foil activation technique, comparison with previous results. JOUR KPSJA 48 821
^{96}Ru	2005LI59	NUCLEAR REACTIONS ^{96}Ru(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{96}Ru deduced levels, J, π, dipole excitation features. JOUR PRVCA 72 064323

A=97

^{97}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205

A=97 *(continued)*

^{97}Sr	2005PIZX	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr, ^{99,101}Zr deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2005PIZX	NUCLEAR REACTIONS ^{239,241}Pu(n, F)^{95}Kr / ^{97}Sr / ^{96}Rb, E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{96}Rb deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2005ZL01	NUCLEAR REACTIONS ^{239}Pu(n, F)^{97}Sr, E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr deduced isomer $T_{1/2}$, configuration. Fission fragment separator. JOUR PRVCA 72 067302
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
^{97}Zr	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
^{97}Mo	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
^{97}Ag	2005LI58	NUCLEAR REACTIONS ^{58}Ni(^{46}Ti, 2npα), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{97}Ag deduced levels, J, π, configurations. Gammasphere, Microball arrays, comparison with shell model predictions. JOUR PRVCA 72 061304

A=98

^{98}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{98}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{98}Zr	2005SIZV	RADIOACTIVITY ^{98}Zr(IT); measured Eγ, Iγ, $T_{1/2}$. ^{98}Zr deduced levels, J, π, configurations. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P137

A=98 *(continued)*

	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{98}Mo	2006CH14	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level densities; deduced thermodynamical quantities, phase transition features. JOUR PRVCA 73 034311
	2006RU06	NUCLEAR REACTIONS ^{92}Mo(γ, γ'), E=6.0 MeV bremsstrahlung; ^{98,100}Mo(γ, γ'), E $\approx$ 3.3, 3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced transitions B(M1), strength distributions. Comparison with quasiparticle RPA model predictions. JOUR PRVCA 73 044308
	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171
	2006WR01	NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374
^{98}Ru	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302
^{98}Cd	2006VE09	NUCLEAR REACTIONS ^{58}Ni(^{46}Ti, xnypzα), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin; deduced isotopic yields. ^{98}Cd deduced levels, J, π. Gammasphere, Microball arrays. JOUR PHSTB T125 222

A=99

^{99}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{99}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos

A=99 *(continued)*

^{99}Zr	2005PIZX	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr, ^{99,101}Zr deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{99}Mo	2005KHZV	NUCLEAR REACTIONS ^{100}Mo(γ, n), E=22 MeV bremsstrahlung; ^{48,49}Ti(γ, p), E=22 MeV bremsstrahlung; measured σ. Activation technique, comparison with model predictions. CONF Ulaanbaatar (ISCP-III) Proc,P97,Khuukhenkhuu
	2006ER06	NUCLEAR REACTIONS ^{197}Au, ^{100}Mo(γ, n), ^{92}Mo(γ, n), (γ, p), (γ, α), E $\approx$ 11.8-14 MeV bremsstrahlung; measured activation yields. JOUR ZAANE 27 s01 135
	2006JOZY	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb / ^{99}Mo, E=1150 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123}Sb, ^{99}Mo deduced levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. CONF San Servolo(Fusion06),Proc,P342
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{99}Tc	2006CA25	RADIOACTIVITY ^{99m}Tc(IT), (β^-); measured $T_{1/2}$. JOUR ARISE 64 1425
	2006KH03	NUCLEAR REACTIONS Mo(p, xn)^{99m}Tc / ^{96}Tc / ^{95m}Tc / ^{95}Tc, E=10-30 MeV; measured production σ. Stacked-foil activation technique, comparison with previous results. JOUR KPSJA 48 821
^{99}Ru	2006CA25	RADIOACTIVITY ^{99m}Tc(IT), (β^-); measured $T_{1/2}$. JOUR ARISE 64 1425
^{99}Rh	2005MU31	NUCLEAR REACTIONS ^{89}Y(^{12}C, 2n), E=30-45 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced fusion and isomer production σ, compound nucleus angular momentum distribution. Comparison with model predictions. JOUR PRVCA 72 067602

A=100

^{100}Rb	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{100}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=100 ***(continued)***

	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{100}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
	2006HW04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Zr deduced high-spin levels, J, π. Gammasphere array. JOUR PRVCA 74 017303
^{100}Mo	2005ESZY	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$ for decay to excited states. REPT TUNL-XLIV,P83,Esterline
	2006HO17	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $T_{1/2}$ for inclusive 2β-decay to excited states. JOUR PRVCA 74 044314
	2006RU06	NUCLEAR REACTIONS ^{92}Mo(γ, γ'), E=6.0 MeV bremsstrahlung; ^{98,100}Mo(γ, γ'), E $\approx$ 3.3, 3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced transitions B(M1), strength distributions. Comparison with quasiparticle RPA model predictions. JOUR PRVCA 73 044308
	2006RU11	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{91,98,100}Mo deduced dipole strength functions. JOUR ZAANE 27 s01 171
	2006WR01	NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374
	2007AR02	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits, $2\nu\beta\beta$-decay $T_{1/2}$. JOUR NUPAB 781 209
^{100}Tc	2005FU18	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ; deduced σ. JOUR JNRSA 6 283
	2005FU18	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced γ-ray emission probabilities. JOUR JNRSA 6 283
^{100}Ru	2005ESZY	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$ for decay to excited states. REPT TUNL-XLIV,P83,Esterline
	2005FU18	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced γ-ray emission probabilities. JOUR JNRSA 6 283
	2006HO17	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $T_{1/2}$ for inclusive 2β-decay to excited states. JOUR PRVCA 74 044314
	2007AR02	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits, $2\nu\beta\beta$-decay $T_{1/2}$. JOUR NUPAB 781 209

A=100 *(continued)*

^{100}Rh	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{100}Pd	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602

A=101

^{101}Y	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{101}Zr	2005PIZX	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr, ^{99,101}Zr deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006OR05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H), $\gamma\gamma$-coin. ^{101}Zr, ^{103,105}Mo levels deduced δ, g-factors, quadrupole moments, configurations. Gammasphere array, time-integrated perturbed angular correlation, rigid triaxial rotor-plus-particle calculations. JOUR PRVCA 73 054310
^{101}Rh	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{101}Sn	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, T$_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501
	2006SE08	RADIOACTIVITY ^{105}Te(α) [from ^{50}Cr(^{58}Ni, 3n)]; measured Qα, T$_{1/2}$. Comparison with neighboring isotopes, model predictions. JOUR PRVCA 73 061301

A=102

^{102}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{102}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006RA12	NUCLEAR REACTIONS ^{100}Mo(t, p), E=12 MeV; measured Ep, $\sigma(\theta)$. ^{102}Mo deduced levels, J, π. Comparison with previous results, model predictions. JOUR PRVCA 73 054311
^{102}Ru	2006TOZX	NUCLEAR REACTIONS ^{208}Pb(^{102}Ru, ^{102}Ru'), E=440 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{102}Ru deduced levels, J, π. Gemini-II array. REPT JAEA-Review 2006-029,P25,Toh
^{102}Pd	2006KAZU	NUCLEAR REACTIONS ^{92}Zr(^{13}C, 3n), E=48 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{102}Pd levels deduced $T_{1/2}$, B(E2). GASP array, recoil-distance method. CONF Isle of Kos (FINUSTAR),Proc,P472
	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277
^{102}In	2006KA16	RADIOACTIVITY ^{102,104}Sn(EC), (β^+) [from ^{50}Cr(^{58}Ni, X), E=284-302 MeV]; measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin; deduced Gamow-Teller strength. ^{102,104}In deduced levels, J, π. Mass separated source, total absorption spectrometer. JOUR ZAANE 27 129
^{102}Sn	2006KA16	RADIOACTIVITY ^{102,104}Sn(EC), (β^+) [from ^{50}Cr(^{58}Ni, X), E=284-302 MeV]; measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin; deduced Gamow-Teller strength. ^{102,104}In deduced levels, J, π. Mass separated source, total absorption spectrometer. JOUR ZAANE 27 129

A=103

^{103}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{103}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006OR05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H), $\gamma\gamma$-coin. ^{101}Zr, ^{103,105}Mo levels deduced δ, g-factors, quadrupole moments, configurations. Gammasphere array, time-integrated perturbed angular correlation, rigid triaxial rotor-plus-particle calculations. JOUR PRVCA 73 054310

A=103 *(continued)*

^{103}Ru	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{103}Rh	2006TI01	NUCLEAR REACTIONS ^{96}Zr(^{11}B, 4n), E=40 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Rh deduced high-spin levels, J, π, chiral partner bands, configurations. Gammasphere array. JOUR PRVCA 73 011301
^{103}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006ANZU	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 3nα), E=60 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{107}Cd, ^{103}Pd levels deduced $T_{1/2}$, B(E2). Differential decay curve method. CONF Isle of Kos (FINUSTAR),Proc,P391
	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone
	2006HAZX	NUCLEAR REACTIONS Pd, ^{102}Pd(n, γ), E $\approx$ 0-200 keV; measured Eγ, Iγ, σ; deduced resonances. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P278,Hatarik
	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277
^{103}Ag	2006DE15	NUCLEAR REACTIONS ^{78}Se(^{32}S, 2npα), E=130 MeV; ^{80}Se(^{30}Si, 4np), (^{30}Si, 3np), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{103,105,106}Ag levels deduced $T_{1/2}$, B(M1), B(E2). Comparison with tilted-axis cranking model predictions. JOUR PRVCA 73 034313

A=104

^{104}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
^{104}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=104 *(continued)*

	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198
^{104}Ru	2006SR01	NUCLEAR REACTIONS ^{104}Ru(^{208}Pb, ^{208}Pb'), E=954 MeV; ^{104}Ru(^{136}Xe, ^{136}Xe'), E=525 MeV; ^{104}Ru(^{58}Ni, ^{58}Ni'), E=165, 190 MeV; measured Eγ, Iγ, (particle)γ -coin following Coulomb excitation. ^{104}Ru deduced levels, J, π, E2 and M1 matrix elements, quadrupole collectivity. Comparison with model predictions. JOUR NUPAB 766 25
^{104}Pd	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277
^{104}Ag	2006BEZQ	NUCLEAR REACTIONS Ag(γ, 3n)^{104m}Ag / ^{104}Ag; measured Eγ, Iγ(t); deduced yield ratio. Microtron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P90,Belyshev
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{104}Cd	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, T$_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183
^{104}In	2006KA16	RADIOACTIVITY ^{102,104}Sn(EC), (β^+) [from ^{50}Cr(^{58}Ni, X), E=284-302 MeV]; measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin; deduced Gamow-Teller strength. ^{102,104}In deduced levels, J, π. Mass separated source, total absorption spectrometer. JOUR ZAANE 27 129
^{104}Sn	2006HEZX	RADIOACTIVITY ^{109}I(p) [from ^{54}Fe(^{58}Ni, 2np)]; measured Ep, Ip; deduced α-decay branch upper limit. ^{109}I(α); ^{105}Sb(p); deduced Q-value limits. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht
	2006KA16	RADIOACTIVITY ^{102,104}Sn(EC), (β^+) [from ^{50}Cr(^{58}Ni, X), E=284-302 MeV]; measured Eβ, Iβ, β-delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin; deduced Gamow-Teller strength. ^{102,104}In deduced levels, J, π. Mass separated source, total absorption spectrometer. JOUR ZAANE 27 129

A=105

^{105}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{105}Mo	2006DI16	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced high-spin levels, J, π, configurations. Gammasphere array, total Routhian surface calculations, level systematics in neighboring isotopes discussed. JOUR PRVCA 74 054301

A=105 ***(continued)***

	2006DI17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced high-spin levels, J, π, configurations. Gammasphere array, total Routhian surface calculations, level systematics in neighboring isotopes discussed. JOUR CPLEE 23 3222
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006OR05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H), $\gamma\gamma$-coin. ^{101}Zr, ^{103,105}Mo levels deduced δ, g-factors, quadrupole moments, configurations. Gammasphere array, time-integrated perturbed angular correlation, rigid triaxial rotor-plus-particle calculations. JOUR PRVCA 73 054310
^{105}Ru	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{105}Rh	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{105}Pd	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone
^{105}Ag	2006DE15	NUCLEAR REACTIONS ^{78}Se(^{32}S, 2npα), E=130 MeV; ^{80}Se(^{30}Si, 4np), (^{30}Si, 3np), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{103,105,106}Ag levels deduced T$_{1/2}$, B(M1), B(E2). Comparison with tilted-axis cranking model predictions. JOUR PRVCA 73 034313
	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006MA29	NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823

A=105 *(continued)*

	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{105}In	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, T$_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183
^{105}Sn	2006KA44	RADIOACTIVITY ^{105}Sn(β^+), (EC), (β^+p) [from ^{50}Cr(^{58}Ni, n2p)]; measured Eγ, Eβ, Ep, $\beta\gamma$-, βp-coin, T$_{1/2}$; deduced branching ratios. ^{105}In deduced isomer feeding intensity, transition ICC. Total absorption spectrometer. JOUR ZAANE 29 183
^{105}Sb	2006HEZX	RADIOACTIVITY ^{109}I(p) [from ^{54}Fe(^{58}Ni, 2np)]; measured Ep, Ip; deduced α-decay branch upper limit. ^{109}I(α); ^{105}Sb(p); deduced Q-value limits. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht
^{105}Te	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, T$_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501
	2006SE08	RADIOACTIVITY ^{105}Te(α) [from ^{50}Cr(^{58}Ni, 3n)]; measured Qα, T$_{1/2}$. Comparison with neighboring isotopes, model predictions. JOUR PRVCA 73 061301

A=106

^{106}Mo	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels T$_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198
^{106}Pd	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone

A=106 ***(continued)***

	2006ST11	RADIOACTIVITY ^{106}Cd(2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits for transitions to ground and excited states. JOUR CZYPA 56 505
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{106}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006DE15	NUCLEAR REACTIONS ^{78}Se(^{32}S, 2npα), E=130 MeV; ^{80}Se(^{30}Si, 4np), (^{30}Si, 3np), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{103,105,106}Ag levels deduced $T_{1/2}$, B(M1), B(E2). Comparison with tilted-axis cranking model predictions. JOUR PRVCA 73 034313
	2006MA29	NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{106}Cd	2006KI11	NUCLEAR REACTIONS ^{106}Cd(α, α), E(cm)=15.5, 17, 19 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{106}Cd(α, γ), E(cm)=5-11 MeV; calculated astrophysical S-factors. JOUR ZAANE 27 s01 197
	2006ST11	RADIOACTIVITY ^{106}Cd(2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits for transitions to ground and excited states. JOUR CZYPA 56 505
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{106}Sn	2006VAZW	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}Sn'), (^{112}Sn, ^{112}Sn'), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{106,108,110,112}Sn deduced transitions B(E2). Comparison with shell model predictions. PREPRINT nucl-ex/0612011,12/08/2006
^{106}Te	2006HAZU	NUCLEAR REACTIONS ^{54}Fe(^{54}Fe, 2n), E=182 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced production σ. ^{106}Te deduced levels, J, π. Jurogam array, recoil-decay tagging. CONF Isle of Kos (FINUSTAR),Proc,P457

A=107

^{107}Mo	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{107}Tc	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
^{107}Pd	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone
^{107}Cd	2006ANZU	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), (^{12}C, 3nα), E=60 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{107}Cd, ^{103}Pd levels deduced $T_{1/2}$, B(E2). Differential decay curve method. CONF Isle of Kos (FINUSTAR),Proc,P391
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{107}In	2006GY02	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR ZAANE 27 s01 141
	2006GYZX	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E(cm)=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. REPT ATOMKI 2005 Annual,P16,Gyurky
	2006GYZZ	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; ^{106}Cd(α, γ), E=8.0-12.5 MeV; measured σ; deduced astrophysical S-factors. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P201,Gyurky
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=108

^{108}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006JO05	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198

A=108 *(continued)*

	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{108}Tc	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
^{108}Ru	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
^{108}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{108}In	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{108}Sn	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305
	2006VAZW	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}Sn'), (^{112}Sn, ^{112}Sn'), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{106,108,110,112}Sn deduced transitions B(E2). Comparison with shell model predictions. PREPRINT nucl-ex/0612011,12/08/2006
^{108}Te	2006HEZX	RADIOACTIVITY ^{109}I(p) [from ^{54}Fe(^{58}Ni, 2np)]; measured Ep, Ip; deduced α-decay branch upper limit. ^{109}I(α); ^{105}Sb(p); deduced Q-value limits. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht

A=109

^{109}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
	2006UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Mo deduced levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 73 037302

A=109 ***(continued)***

^{109}Tc	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{109}Ru	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
	2006WU01	NUCLEAR REACTIONS ^{238}U(α, F)^{109}Ru / ^{110}Ru / ^{111}Ru / ^{112}Ru, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{109,110,111,112}Ru deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Gammasphere, Chico arrays, cranked mean-field calculations. JOUR PRVCA 73 034312
^{109}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone
^{109}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006KO27	RADIOACTIVITY ^{109}Cd(EC); measured conversion electron spectra; deduced photon emission probability. ^{109}Ag transition deduced ICC. JOUR ARISE 64 1031
^{109}Cd	2006KO27	RADIOACTIVITY ^{109}Cd(EC); measured conversion electron spectra; deduced photon emission probability. ^{109}Ag transition deduced ICC. JOUR ARISE 64 1031
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{109}In	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
	2006GY02	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR ZAANE 27 s01 141
	2006GYZX	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E(cm)=2.4-4.8 MeV; measured σ; deduced astrophysical S-factors. Activation technique. REPT ATOMKI 2005 Annual,P16,Gyurky
	2006GYZY	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 8-12 MeV; measured σ; deduced astrophysical S-factors. Comparison with model predictions. PREPRINT nucl-ex/0605034,5/26/2006

A=109 *(continued)*

	2006GYZZ	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; ^{106}Cd(α, γ), E=8.0-12.5 MeV; measured σ; deduced astrophysical S-factors. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P201,Gyurky
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{109}Sn	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
	2006GYZY	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 8-12 MeV; measured σ; deduced astrophysical S-factors. Comparison with model predictions. PREPRINT nucl-ex/0605034,5/26/2006
^{109}I	2006HEZX	RADIOACTIVITY ^{109}I(p) [from ^{54}Fe(^{58}Ni, 2np)]; measured Ep, Ip; deduced α-decay branch upper limit. ^{109}I(α); ^{105}Sb(p); deduced Q-value limits. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht
^{109}Xe	2006HEZX	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3n), E=250, 260 MeV; ^{54}Fe(^{58}Ni, 3n), E=240 MeV; measured σ upper limits. Fragment separator. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht
	2006LI41	RADIOACTIVITY ^{109}Xe, ^{105}Te(α) [from ^{54}Fe(^{58}Ni, 3n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{109}Xe, ^{105}Te, ^{101}Sn deduced levels, J, π. JOUR PRLTA 97 082501

A=110

^{110}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{110}Tc	2006LU12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308
^{110}Ru	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang

A=110 ***(continued)***

	2006WU01	NUCLEAR REACTIONS ^{238}U(α, F)^{109}Ru / ^{110}Ru / ^{111}Ru / ^{112}Ru, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{109,110,111,112}Ru deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Gammasphere, Chico arrays, cranked mean-field calculations. JOUR PRVCA 73 034312
^{110}Pd	2006PE26	NUCLEAR REACTIONS ^{110}Pd(^{18}O, ^{18}O'), (^{18}O, ^{16}O), (^{18}O, ^{14}C), E=40-58 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. Coupled-channels analysis. JOUR PRVCA 74 034608
^{110}Ag	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006MA29	NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k$_0$ factors. Chopped beam. JOUR NIMAE 564 655
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006UD01	NUCLEAR REACTIONS Ag(d, X)^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{107}Cd / ^{109}Cd, E $\approx$ 0.4-40 MeV; ^{27}Al(d, X)^{24}Na, E $\approx$ 14-40 MeV; measured excitation functions; deduced thick target integral yields. Stacked-foil activation technique. JOUR ARISE 64 1013
^{110}In	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=110 *(continued)*

^{110}Sn	2006EK01	NUCLEAR REACTIONS ^{58}Ni(^{110}Sn, ^{110}Sn'), E=2.8 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{110}Sn deduced transition B(E2). JOUR PHSTB T125 190
	2006GU26	NUCLEAR REACTIONS ^{112}Sn(p, t), E=26 MeV; measured triton spectra, σ(E, θ). ^{110}Sn deduced levels, J, π. Q3D magnetic spectrograph. DWBA analysis, comparison with model predictions. JOUR PRVCA 74 054605
	2006GUZW	NUCLEAR REACTIONS ^{112}Sn(p, t), E=26 MeV; measured σ(E, θ). REPT MLL 2005 Annual, P12,Guazzoni
	2006GY01	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 7.5-12.5 MeV; measured σ; deduced S-factors. Comparison with statistical model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025805
	2006GYZY	NUCLEAR REACTIONS ^{106}Cd(α, γ), (α, n), (α, p), E $\approx$ 8-12 MeV; measured σ; deduced astrophysical S-factors. Comparison with model predictions. PREPRINT nucl-ex/0605034,5/26/2006
	2006GYZZ	NUCLEAR REACTIONS ^{106,108}Cd(p, γ), E=2.4-4.8 MeV; ^{106}Cd(α, γ), E=8.0-12.5 MeV; measured σ; deduced astrophysical S-factors. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P201,Gyurky
	2006KI11	NUCLEAR REACTIONS ^{106}Cd(α, α), E(cm)=15.5, 17, 19 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{106}Cd(α, γ), E(cm)=5-11 MeV; calculated astrophysical S-factors. JOUR ZAANE 27 s01 197
	2006VAZW	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}Sn'), (^{112}Sn, ^{112}Sn'), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{106,108,110,112}Sn deduced transitions B(E2). Comparison with shell model predictions. PREPRINT nucl-ex/0612011,12/08/2006
^{110}Te	2006EV01	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 2pα), (^{58}Ni, 4p), E=240, 250 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{110,112}Te deduced high-spin levels, J, π, B(M1), B(E2), T$_{1/2}$. Gammasphere and Microball arrays. JOUR PYLBB 636 25
	2006EV04	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 2pα), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{110}Te deduced transitions B(M1). JOUR PHSTB T125 192

A=111

^{111}Tc	2006LU12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308
	2006MAZZ	ATOMIC MASSES ^{94,95}Kr, ^{98,99,100}Sr, ^{101}Y, ^{108,109,110}Mo, ^{109,111}Tc; measured masses. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P164,Matos
^{111}Ru	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang

A=111 *(continued)*

	2006WU01	NUCLEAR REACTIONS ^{238}U(α, F)^{109}Ru / ^{110}Ru / ^{111}Ru / ^{112}Ru, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{109,110,111,112}Ru deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Gammasphere, Chico arrays, cranked mean-field calculations. JOUR PRVCA 73 034312
^{111}Rh	2005WAZR	ATOMIC MASSES ^{106,107}Mo, ^{107,108}Tc, ^{108,109,110,111}Ru, ^{111}Rh; measured fission fragment masses. REPT ANL-05/61,P22,Wang
^{111}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006FIZZ	NUCLEAR REACTIONS ^{102,104,105,106,108,110}Pd(n, γ), E=thermal; measured Eγ, Iγ, capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P389,Firestone
^{111}Ag	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006MA29	NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{111}Cd	2006SH06	NUCLEAR REACTIONS ^{111}Cd(γ, γ'), E=1-3 MeV bremsstrahlung; measured isomer yield; deduced integral σ for excitation of intermediate levels. JOUR UKPJA 51 115
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{111}In	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180

A=111 *(continued)*

2006MA29 NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823

2006TA10 NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

2006TR05 NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

^{111}Sn 2005BE75 NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311

A=112

^{112}Ru 2006CH07 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{112}Ru deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model analysis, total Routhian surface calculations. JOUR CPLEE 23 328

2006WU01 NUCLEAR REACTIONS ^{238}U(α, F)^{109}Ru / ^{110}Ru / ^{111}Ru / ^{112}Ru, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{109,110,111,112}Ru deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Gammasphere, Chico arrays, cranked mean-field calculations. JOUR PRVCA 73 034312

^{112}Pd 2006PE26 NUCLEAR REACTIONS ^{110}Pd(^{18}O, ^{18}O'), (^{18}O, ^{16}O), (^{18}O, ^{14}C), E=40-58 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. Coupled-channels analysis. JOUR PRVCA 74 034608

^{112}Ag 2005TA38 NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561

2006AB07 NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1

2006TU05 NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910

A=112 *(continued)*

^{112}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006TU05	NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910
^{112}Sn	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305
	2006FUZZ	NUCLEAR REACTIONS ^{89}Y, ^{92}Mo, ^{106}Cd, ^{112,124}Sn(α, α), E $\approx$ 13-20 MeV; measured elastic $\sigma(\theta)$. Optical model analysis. CONF Tokyo(OMEG05),P351,Fulop
	2006PY01	NUCLEAR REACTIONS ^{112}Sn(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn deduced level J, π, width, configuration, excitation B(E1). JOUR PRVCA 73 017302
	2006VAZW	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}Sn'), (^{112}Sn, ^{112}Sn'), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{106,108,110,112}Sn deduced transitions B(E2). Comparison with shell model predictions. PREPRINT nucl-ex/0612011,12/08/2006
^{112}Te	2006EV01	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 2pα), (^{58}Ni, 4p), E=240, 250 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{110,112}Te deduced high-spin levels, J, π, B(M1), B(E2), $T_{1/2}$. Gammasphere and Microball arrays. JOUR PYLBB 636 25

A=113

^{113}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=113 ***(continued)***

^{113}Cd	2005GO45	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors, underground laboratory, comparison with previous results. JOUR PRVCA 72 064328
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{113}In	2005GO45	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors, underground laboratory, comparison with previous results. JOUR PRVCA 72 064328
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006SA40	NUCLEAR REACTIONS ^{114}Cd(p, xn)^{114m}In / ^{113m}In, E $\approx$ 8-17 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 1655
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006TU05	NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910
	2006VIZY	NUCLEAR REACTIONS ^{113,115}In(e$^+$, X)^{113m}In / ^{115m}In, E $<$ 3.9 MeV; measured Eγ; deduced isomer production σ. Electrostatic accelerator, anti-Compton spectrometer. CONF Sarov(Nucleus-2006),Contrib,P158,Vishnevsky
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{113}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006KR04	NUCLEAR REACTIONS ^{112,116,122,124}Sn(n, γ), E=thermal; measured Eγ, Iγ, capture σ; deduced resonance integrals. JOUR PRVCA 73 054312
^{113}Ba	2006HEZX	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 3n), E=250, 260 MeV; ^{54}Fe(^{58}Ni, 3n), E=240 MeV; measured σ upper limits. Fragment separator. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P355,Hecht

A=114

^{114}Tc	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{114}Ru	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{114}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{114}Cd	2005SU28	NUCLEAR REACTIONS ^{113}Cd, ^{123}Te(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{114}Cd, ^{124}Te deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 727
	2006BAZX	NUCLEAR REACTIONS ^{114}Cd(n, n'γ), E=1.9-3.8 MeV; measured Eγ, γ-ray excitation functions. ^{114}Cd levels deduced possible multiphonon configurations. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P559
	2006PE26	NUCLEAR REACTIONS ^{110}Pd(^{18}O, ^{18}O'), (^{18}O, ^{16}O), (^{18}O, ^{14}C), E=40-58 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. Coupled-channels analysis. JOUR PRVCA 74 034608
^{114}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006SA40	NUCLEAR REACTIONS ^{114}Cd(p, xn)^{114m}In / ^{113m}In, E $\approx$ 8-17 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 1655
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=114 *(continued)*

	2006TU05	NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910
^{114}Cs	2006SM02	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, np), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (recoil)γ-coin. ^{114}Cs deduced high-spin levels, J, π, configurations. Gammasphere, Microball arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 73 061303

A=115

^{115}Tc	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{115}Ru	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{115}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{115}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{115}Ag	2006EG04	NUCLEAR REACTIONS ^{48}Ti, ^{76,77,78,80,82}Se, ^{106,110,111,112,114,116}Cd(μ^-, nν), E at rest; measured Eγ, Iγ; deduced muon capture rates. Comparison with model predictions, implications for 2β-decay matrix elements discussed. JOUR CZYPA 56 453
^{115}Cd	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006MA29	NUCLEAR REACTIONS Cd(n, X)^{115}Cd / ^{111}In / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag, E=spectrum; Cd(p, X)^{111}In, E=spectrum; measured activation yields; deduced spallation proton and neutron spectra. JOUR ARISE 64 823

A=115 *(continued)*

	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006TU05	NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910
^{115}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006BO15	NUCLEAR REACTIONS ^{115}In(γ, γ')^{115m}In, E=7-25 MeV; measured Eγ, Iγ, yield; deduced isomer production σ. JOUR UKPJA 51 657
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006TU05	NUCLEAR REACTIONS ^{115}In(n, p), (n, α), E $\approx$ 14 MeV; ^{113,115}In(n, 2n), (n, n'), E $\approx$ 14 MeV; measured activation σ. Comparison with previous results. JOUR ARISE 64 910
	2006VIZY	NUCLEAR REACTIONS ^{113,115}In(e^{+}, X)^{113m}In / ^{115m}In, E $<$ 3.9 MeV; measured Eγ; deduced isomer production σ. Electrostatic accelerator, anti-Compton spectrometer. CONF Sarov(Nucleus-2006),Contrib,P158,Vishnevsky
^{115}Sb	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180

A=116

^{116}Ru	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^{-}) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^{-}n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{116}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^{-}) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^{-}n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801

A=116 ***(continued)***

^{116}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{116}Cd	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{116}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006KR04	RADIOACTIVITY ^{123m,125m}Sn, ^{116m}In(IT) [from Sn, In(n, γ)]; measured Eγ, Iγ. ^{123,125}Sn, ^{116}In deduced levels, transitions. JOUR PRVCA 73 054312
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
	2006VO12	RADIOACTIVITY ^{183}Hf(β^-) [from ^{182}Hf(n, γ)]; ^{56}Mn, ^{116m}In, ^{180m}Hf; measured Eγ, Iγ, $T_{1/2}$. Comparisons with previous results. JOUR PRVCA 74 057303
^{116}Sn	2005VI10	NUCLEAR REACTIONS ^{115}In(p, γ), E=3.5, 4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced σ. ^{116}Sn levels deduced feeding intensities, possible GDR effects. JOUR BRSPE 69 84
	2006GUZV	NUCLEAR REACTIONS ^{118}Sn(p, t), E=24.6 MeV; measured σ(E, θ). REPT MLL 2005 Annual, P13,Guazzoni
	2006HA50	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=200 MeV; measured Ep, Eα, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; measured En, Eα. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced branching ratios for particle decay of isoscalar GDR. Comparison with model predictions. JOUR IMPEE 15 1357
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235

A=116 *(continued)*

^{116}Sb	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E ≈ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E ≈ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{116}Te	2006OZ05	NUCLEAR REACTIONS ^{112}Sn(α, γ), E=8-12 MeV; measured σ. Activation technique. JOUR ZAANE 27 s01 145
	2006PAZZ	NUCLEAR REACTIONS ^{106}Cd, ^{112}Sn(α, γ), E=8-12 MeV; measured Eγ, Iγ; deduced astrophysical S-factors. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P585,Palumbo
^{116}Cs	2006SM04	NUCLEAR REACTIONS ^{58}Ni(^{64}Zn, npα), E=265 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{116}Cs deduced high-spin levels, J, π, configurations, signature inversion. Gammasphere, Microball arrays. JOUR PRVCA 74 034310

A=117

^{117}Ru	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{117}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{117}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006STZW	NUCLEAR REACTIONS ^{238}U(α, F), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin; deduced yields. ^{117,118,120}Pd, ^{122,124}Cd deduced levels, J, π. Gammasphere, Chico arrays, level systematics in neighboring isotopes discussed. PREPRINT Stoyer,12/2006
^{117}Cd	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311

A=117 ***(continued)***

^{117}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005BE78	NUCLEAR REACTIONS ^{121,123}Sb(γ, n), ^{118}Sn(γ, p), E=15, 16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomeric ratios. JOUR BRSPE 69 750
	2006GUZU	NUCLEAR REACTIONS ^{120}Sn(polarized p, α), E=23 MeV; measured σ(E, θ), Ay(E, γ). REPT MLL 2005 Annual, P14,Guazzoni
^{117}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006KR04	NUCLEAR REACTIONS ^{112,116,122,124}Sn(n, γ), E=thermal; measured Eγ, Iγ, capture σ; deduced resonance integrals. JOUR PRVCA 73 054312
	2006SHZZ	NUCLEAR REACTIONS ^{117}Sn(γ, γ'), E=2.1-3.0 MeV bremsstrahlung; measured isomer yield; deduced integral σ. Quasiparticle-phonon model calculations. PREPRINT nucl-ex/0603002,3/1/2006
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{117}Sb	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=118

^{118}Ru	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{118}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006WA10	RADIOACTIVITY ^{118}Rh(β^-) [from U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{118}Pd deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR CPLEE 23 808
^{118}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006STZW	NUCLEAR REACTIONS ^{238}U(α, F), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin; deduced yields. ^{117,118,120}Pd, ^{122,124}Cd deduced levels, J, π. Gammasphere, Chico arrays, level systematics in neighboring isotopes discussed. PREPRINT Stoyer,12/2006
	2006WA10	RADIOACTIVITY ^{118}Rh(β^-) [from U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{118}Pd deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR CPLEE 23 808
^{118}Sn	2006NIZZ	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=10-100, 570 keV; measured Eγ, Iγ, capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P579,Nishiyama
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{118}Sb	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=118 *(continued)*

	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{118}Te	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108

A=119

^{119}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{119}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{119}Ag	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{119}Sn	2006MA35	NUCLEAR MOMENTS ^{119}Sn; measured Mossbauer spectra; deduced hyperfine parameters in $LiMn_6Sn_6$. ^{119}Sn deduced excited state quadrupole moment. JOUR ZBBNE 51 173
^{119}I	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=120

^{120}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{120}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006STZW	NUCLEAR REACTIONS ^{238}U(α, F), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin; deduced yields. ^{117,118,120}Pd, ^{122,124}Cd deduced levels, J, π. Gammasphere, Chico arrays, level systematics in neighboring isotopes discussed. PREPRINT Stoyer,12/2006
^{120}Ag	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{120}Sn	2006GE18	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.86 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams. JOUR IMPEE 15 1505
	2006NIZZ	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=10-100, 570 keV; measured Eγ, Iγ, capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P579,Nishiyama
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te(2β^-); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te(2β^-); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd(2β^+); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{120}Sb	2005BE78	NUCLEAR REACTIONS ^{121,123}Sb(γ, n), ^{118}Sn(γ, p), E=15, 16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomeric ratios. JOUR BRSPE 69 750
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180

A=120 ***(continued)***

	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{120}Te	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, T$_{1/2}$. JOUR PRVCA 74 027302
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay T$_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, T$_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured T$_{1/2}$ lower limits. JOUR PPNPD 57 235
^{120}I	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, T$_{1/2}$. JOUR PRVCA 74 027302
^{120}Xe	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, T$_{1/2}$. JOUR PRVCA 74 027302
^{120}Cs	2006PH01	RADIOACTIVITY ^{120}Cs, ^{120}Xe, ^{120}I(β^+), (EC); measured Eγ, Iγ, T$_{1/2}$. JOUR PRVCA 74 027302

A=121

^{121}Rh	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{121}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801

A=121 ***(continued)***

^{121}Ag	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{121}Cd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{121}Sb	2006JOZY	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb / ^{99}Mo, E=1150 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123}Sb, ^{99}Mo deduced levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. CONF San Servolo(Fusion06),Proc,P342
	2006WI04	NUCLEAR REACTIONS ^{121}Sb(γ, γ'), E=37.13 keV; measured Eγ, Iγ; deduced hyperfine parameters in Sb_2O_3, USb, DySb. ^{121}Sb deduced transition energy. JOUR EULEE 74 170
^{121}Te	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
^{121}I	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
^{121}Xe	2006BEZX	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3nα), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{121,122}Xe deduced high-spin levels, transitions. Euroball IV and Diamant arrays. REPT ATOMKI 2005 Annual,P17,Berek
	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108

A=122

^{122}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{122}Ag	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{122}Cd	2006KRZV	NUCLEAR REACTIONS Pd(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), E=2.86 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced B(E2). Miniball array. CONF Isle of Kos (FINUSTAR),Proc,P119
	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006STZW	NUCLEAR REACTIONS ^{238}U(α, F), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin; deduced yields. ^{117,118,120}Pd, ^{122,124}Cd deduced levels, J, π. Gammasphere, Chico arrays, level systematics in neighboring isotopes discussed. PREPRINT Stoyer,12/2006
^{122}Sn	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{122}Sb	2005BE78	NUCLEAR REACTIONS ^{121,123}Sb(γ, n), ^{118}Sn(γ, p), E=15, 16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomeric ratios. JOUR BRSPE 69 750
	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{122}I	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
^{122}Xe	2006BEZX	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3nα), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{121,122}Xe deduced high-spin levels, transitions. Euroball IV and Diamant arrays. REPT ATOMKI 2005 Annual,P17,Berek

A=122 *(continued)*

	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=123

^{123}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{123}Ag	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{123}Cd	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, T$_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{123}In	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, T$_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
^{123}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006KR04	NUCLEAR REACTIONS ^{112,116,122,124}Sn(n, γ), E=thermal; measured Eγ, Iγ, capture σ; deduced resonance integrals. JOUR PRVCA 73 054312
	2006KR04	RADIOACTIVITY ^{123m,125m}Sn, ^{116m}In(IT) [from Sn, In(n, γ)]; measured Eγ, Iγ. ^{123,125}Sn, ^{116}In deduced levels, transitions. JOUR PRVCA 73 054312

A=123 *(continued)*

^{123}Sb	2006JOZY	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X)^{121}Sb / ^{123}Sb / ^{99}Mo, E=1150 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123}Sb, ^{99}Mo deduced levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. CONF San Servolo(Fusion06),Proc,P342
^{123}I	2005HAZL	NUCLEAR REACTIONS ^{121}Sb(α, n), (α, 2n), E $\approx$ 9-27 MeV; measured excitation functions. Sb(^{3}He, xn)^{124}I, E $\approx$ 13-35 MeV; Sb(α, xn)^{124}I, E $\approx$ 13-22 MeV; ^{121}Sb(α, n), E $\approx$ 13-22 MeV; measured yields. REPT NEA/NSC/DOC(2005)27,P14,Hassan
	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
	2006WA05	NUCLEAR REACTIONS ^{116}Cd(^{14}N, 3nα), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{123}I deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Nordball array. JOUR JPGPE 32 283
^{123}Xe	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=124

^{124}Pd	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{124}Ag	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
^{124}Cd	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz

A=124 *(continued)*

	2006KRZV	NUCLEAR REACTIONS Pd(^{122}Cd, ^{122}Cd'), (^{124}Cd, ^{124}Cd'), E=2.86 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced B(E2). Miniball array. CONF Isle of Kos (FINUSTAR),Proc,P119
	2006MO07	RADIOACTIVITY ^{114,115}Tc, ^{114,115,116,117,118}Ru, ^{116,117,118,119,120,121}Rh, ^{119,120,121,122,123,124}Pd, ^{121,122,123,124}Ag(β^-) [from Be(^{136}Xe, X)]; measured T$_{1/2}$. ^{116,117,118,119,120}Rh, ^{121,122,123}Pd, ^{122,123,124}Ag(β^-n); measured β-delayed neutron emission probability. Astrophysical implications discussed. JOUR PRVCA 73 035801
	2006STZW	NUCLEAR REACTIONS ^{238}U(α, F), E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin; deduced yields. ^{117,118,120}Pd, ^{122,124}Cd deduced levels, J, π. Gammasphere, Chico arrays, level systematics in neighboring isotopes discussed. PREPRINT Stoyer,12/2006
^{124}Sn	2005BOZQ	NUCLEAR REACTIONS ^{124}Sn(polarized γ, γ'), E=6.96-8.40 MeV; measured Eγ, Iγ. ^{124}Sn deduced levels J, π, pygmy resonance features. REPT TUNL-XLIV,P195,Boswell
	2006FUZZ	NUCLEAR REACTIONS ^{89}Y, ^{92}Mo, ^{106}Cd, ^{112,124}Sn(α, α), E $\approx$ 13-20 MeV; measured elastic $\sigma(\theta)$. Optical model analysis. CONF Tokyo(OMEG05),P351,Fulop
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{124}Sb	2006HE13	NUCLEAR REACTIONS Sn(p, xn)^{124}Sb / ^{122}Sb / ^{120}Sb / ^{118m}Sb / ^{117}Sb / ^{116m}Sb / ^{115}Sb, E $\approx$ 3-66 MeV; Sn(p, xnyp)^{117m}Sn / ^{113}Sn / ^{114m}In / ^{111}In / ^{110}In / ^{109}In, E $\approx$ 3-66 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 180
	2006PA16	RADIOACTIVITY ^{124}Sb(β^-) [from ^{123}Sb(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Te deduced levels, J, π. JOUR ARISE 64 693
	2006ZH10	NUCLEAR REACTIONS ^{116,118,122,124}Sn(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{116,118,122,124}Sn deduced level densities. Comparison with model predictions. JOUR PANUE 69 363
^{124}Te	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
	2005SU28	NUCLEAR REACTIONS ^{113}Cd, ^{123}Te(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{114}Cd, ^{124}Te deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 727
	2006PA16	RADIOACTIVITY ^{124}Sb(β^-) [from ^{123}Sb(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Te deduced levels, J, π. JOUR ARISE 64 693
	2006VO09	NUCLEAR REACTIONS ^{123}Te(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced σ. ^{124}Te deduced levels, J, π, neutron binding energy. JOUR PRVCA 74 034319
^{124}I	2005HAZL	NUCLEAR REACTIONS ^{121}Sb(α, n), (α, 2n), E $\approx$ 9-27 MeV; measured excitation functions. Sb(^{3}He, xn)^{124}I, E $\approx$ 13-35 MeV; Sb(α, xn)^{124}I, E $\approx$ 13-22 MeV; ^{121}Sb(α, n), E $\approx$ 13-22 MeV; measured yields. REPT NEA/NSC/DOC(2005)27,P14,Hassan

A=124 ***(continued)***

	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
	2006SA27	NUCLEAR REACTIONS ^{124}Te(p, n), E=14 MeV; measured yield. Comparison with previous results. JOUR ARISE 64 965
^{124}Xe	2005CHZR	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E $\approx$ 55 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124}Xe level deduced $T_{1/2}$. Time of flight technique. PREPRINT nucl-ex/0601002,12/31/2005
	2006CH26	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E=55 MeV / nucleon; measured Doppler-shifted Eγ, Iγ following projectile Coulomb excitation. ^{124}Xe deduced excited state $T_{1/2}$. Time-of-flight technique, recoil-distance technique. JOUR NIMAE 562 230
	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{124}Cs	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
^{124}Ba	2005MB05	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, linear polarization. ^{124,125}Ba deduced levels, J, π, B(E1) / B(E2), configurations, octupole correlations. Euroball and Diamant arrays. JOUR PRVCA 72 064315

A=124 *(continued)*

	2006AL15	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 4n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Ba deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Euroball and Gammasphere arrays. JOUR PRVCA 74 014305

A=125

^{125}Cd	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, $T_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
^{125}In	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, $T_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
^{125}Sn	2006IMZZ	NUCLEAR REACTIONS ^{2}H(^{124}Sn, p), E=4.7 MeV / nucleon; measured Ep. REPT JAEA-Review 2006-029,P47,Imai
	2006KR04	NUCLEAR REACTIONS ^{112,116,122,124}Sn(n, γ), E=thermal; measured Eγ, Iγ, capture σ; deduced resonance integrals. JOUR PRVCA 73 054312
	2006KR04	RADIOACTIVITY ^{123m,125m}Sn, ^{116m}In(IT) [from Sn, In(n, γ)]; measured Eγ, Iγ. ^{123,125}Sn, ^{116}In deduced levels, transitions. JOUR PRVCA 73 054312
^{125}I	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440
^{125}Xe	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
^{125}Cs	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
	2006SI16	NUCLEAR REACTIONS ^{110}Pd(^{19}F, 4n), E=75 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{125}Cs deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Total Routhian surface and principal / tilted axis cranking model calculations. JOUR ZAANE 27 321
^{125}Ba	2005MB05	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, linear polarization. ^{124,125}Ba deduced levels, J, π, B(E1) / B(E2), configurations, octupole correlations. Euroball and Diamant arrays. JOUR PRVCA 72 064315

A=126

^{126}Ag	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{126}Cd	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{126}I	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
^{126}Xe	2006HUZZ	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), E=185, 195, 205 MeV; ^{64}Ni(^{64}Ni, 2n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe, ^{126}Ba deduced rotational band transitions, possible evidence for hyperdeformation. Gammasphere, Euroball arrays. CONF Bormio (XLIV Winter Meeting) Proc,P287
	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{126}Ba	2006HE26	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, xnypzα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{118,120}Te, ^{121,122}I, ^{121,122,123,124}Xe, ^{124,125}Cs, ^{126}Ba deduced superdeformed and hyperdeformed ridge structures. Euroball IV and Diamant arrays. JOUR PHSTB T125 108
	2006HUZZ	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), E=185, 195, 205 MeV; ^{64}Ni(^{64}Ni, 2n), E=255, 261, 265 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe, ^{126}Ba deduced rotational band transitions, possible evidence for hyperdeformation. Gammasphere, Euroball arrays. CONF Bormio (XLIV Winter Meeting) Proc,P287

A=127

^{127}Cd	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, T$_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145

A=127 *(continued)*

^{127}In	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, $T_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
^{127}Te	2006ZH14	NUCLEAR REACTIONS ^{128}Te(n, 2n)^{127m}Te, E=14.1, 14.6 MeV; measured σ. Activation technique, comparison with model predictions and previous results. JOUR ARISE 64 815
^{127}I	2006MUZY	NUCLEAR REACTIONS ^{127}I(n, n'γ), E=1.2-3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, excitation function. ^{127}I deduced levels. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P583,Mukhopahyay
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
	2006WA14	NUCLEAR MOMENTS ^{27}Al, ^{127}I; measured hfs; deduced quadrupole coupling constants. JOUR CHPLB 423 327
^{127}Xe	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602

A=128

^{128}Ag	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{128}Cd	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{128}Te	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{128}I	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
	2006NO12	NUCLEAR REACTIONS ^{127,129}I(n, γ), (n, X), E=0.0005-100 keV; measured transmission and capture σ; deduced resonance parameters. JOUR PRVCA 74 054602
^{128}Xe	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

A=128 *(continued)*

	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006OR10	NUCLEAR REACTIONS ^{124}Sn(^{9}Be, 5n), E=58 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{128}Xe deduced high-spin levels, J, π, configurations, isomer $T_{1/2}$, shape-driving effects. Caesar array. Potential energy surface calculations, configuration-constrained blocking method. JOUR PRVCA 74 034318
	2006ORZY	NUCLEAR REACTIONS ^{124}Sn(^{9}Be, 5n), E=58 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{128}Xe deduced high-spin levels, J, π, configurations, isomer $T_{1/2}$. Caesar array. Potential energy surface calculations, configuration-constrained blocking method. REPT ANU-P/1716,Orce
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te(2β^-); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd(2β^+); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{128}Cs	2006GR05	NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels $T_{1/2}$, B(E2), B(M1). ^{128}Cs deduced possible chiral partner bands. JOUR IMPEE 15 548
	2006GR23	NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2), chiral symmetry breaking. Osiris II array. JOUR PRLTA 97 172501

A=129

^{129}In	2005SCZQ	RADIOACTIVITY ^{123,125,127,129}In, ^{123,125,127}Cd(IT); measured Eγ, Iγ, $T_{1/2}$. ^{123,125,127,129}In, ^{123,125,127}Cd deduced levels, J, π. Comparison with model predictions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P145
^{129}Sb	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{129}Xe	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315

A=130

^{130}Ag	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{130}Cd	2004KAZR	RADIOACTIVITY ^{124,126,128,130}Ag(β^-); measured β-delayed Eγ, Iγ. ^{124,126,128,130}Cd deduced levels, J, π. Comparison with shell model predictions. THESIS T Kautzsch,Univ Johannes Gutenberg,Mainz
^{130}Sb	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{130}Te	2006AR06	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit; deduced neutrino mass limits. JOUR PPNPD 57 203
	2006SIZX	NUCLEAR MOMENTS ^{130,132,134,136}Te; measured hfs, isotope shifts; deduced charge radii. Laser spectroscopy, resonant ionization. CONF Isle of Kos (FINUSTAR),Proc,P172
	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{130}I	2006KI15	NUCLEAR REACTIONS Te(p, xn)^{121}I / ^{123}I / ^{124}I / ^{126}I / ^{128}I / ^{130}I, E=2-18 MeV; Te(p, X)^{121}Te, E=13-18 MeV; measured production σ. Stacked foil activation technique. JOUR JRNCD 270 369
	2006NO12	NUCLEAR REACTIONS ^{127,129}I(n, γ), (n, X), E=0.0005-100 keV; measured transmission and capture σ; deduced resonance parameters. JOUR PRVCA 74 054602
	2006SI18	NUCLEAR REACTIONS ^{60,61}Ni, ^{93}Nb, ^{121,122}Sb, ^{130}Te(p, n), E $\approx$ 4-20 MeV; ^{63,65}Cu, ^{93}Nb, ^{121,123}Sb, ^{197}Au(α, n), E $\approx$ 5-45 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR NIMAE 562 717
^{130}Xe	2006AR06	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit; deduced neutrino mass limits. JOUR PPNPD 57 203
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315

A=130 ***(continued)***

	2006WI12	RADIOACTIVITY ^{116}Cd, ^{130}Te($2\beta^-$); ^{64}Zn, ^{120}Te(β^+EC), (2EC); measured $0\nu2\beta\beta$-decay $T_{1/2}$ lower limits. CdZnTe semiconductor detectors. JOUR CZYPA 56 543
	2006ZU02	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. ^{70}Zn, ^{116}Cd, ^{128,130}Te($2\beta^-$); ^{64}Zn, ^{106}Cd, ^{120}Te(β^+EC), (2EC); ^{106}Cd($2\beta^+$); measured $T_{1/2}$ lower limits. JOUR PPNPD 57 235
^{130}Ba	2005BI28	NUCLEAR MOMENTS ^{130m}Ba, ^{176m}Yb; measured charge radii. Hf, Lu, Yb; analyzed radii. Mass separator, laser spectroscopy. JOUR HYIND 162 63

A=131

^{131}Te	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{131}Xe	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{131}Ba	2006DI12	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr, ^{120}Te, ^{130,132}Ba(n, γ), E=spectrum; measured σ. Activation technique. JOUR ZAANE 27 s01 129
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{131}La	2006GR10	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 5n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{131}La deduced levels $T_{1/2}$, B(E2), configurations. Comparison with Core-Quasi-Particle Coupling and Self-Consistent Total Routhian Surface models. JOUR ZAANE 27 325
^{131}Ce	2006PA37	NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced superdeformed band transitions. Euroball IV array. JOUR PHSTB T125 115

A=132

^{132}Sb	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{132}Te	2006SIZX	NUCLEAR MOMENTS ^{130,132,134,136}Te; measured hfs, isotope shifts; deduced charge radii. Laser spectroscopy, resonant ionization. CONF Isle of Kos (FINUSTAR),Proc,P172

A=132 ***(continued)***

^{132}Xe	2006KOZW	NUCLEAR REACTIONS Al(^{132}Xe, ^{132}Xe'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Xe deduced transitions. REPT JAEA-Review 2006-029,P23,Koizumi
	2006LE22	NUCLEAR REACTIONS Pb, Bi(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{81}Kr / ^{82}Kr / ^{85}Kr / ^{126}Xe / ^{132}Xe, E $\approx$ 10-2600 MeV; measured production σ. JOUR NIMAE 562 760
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{132}La	2006GR05	NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels $T_{1/2}$, B(E2), B(M1). ^{128}Cs deduced possible chiral partner bands. JOUR IMPEE 15 548
	2006GR23	NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2), chiral symmetry breaking. Osiris II array. JOUR PRLTA 97 172501
^{132}Ce	2006PA37	NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced superdeformed band transitions. Euroball IV array. JOUR PHSTB T125 115
	2006WI13	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=250 MeV; measured Eγ, Iγ, (charged particle)γ-, (recoil)γ-coin. ^{132}Ce deduced GDR width vs temperature. Comparison with model predictions. JOUR PRLTA 97 012501
^{132}Nd	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^{+}), (β^{+}p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^{+}p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=133

^{133}Te	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{133}Cs	2004VI13	RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, E(ce), I(ce). ^{133}Cs deduced transitions, autoionization probability. JOUR BRSPE 68 1718
	2006DA12	NUCLEAR MOMENTS ^{133}Cs; measured hfs; deduced magnetic dipole coupling constant. JOUR JPAMA 39 2013
^{133}Ba	2004VI13	RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, E(ce), I(ce). ^{133}Cs deduced transitions, autoionization probability. JOUR BRSPE 68 1718
	2006DI12	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr, ^{120}Te, ^{130,132}Ba(n, γ), E=spectrum; measured σ. Activation technique. JOUR ZAANE 27 s01 129
^{133}Pm	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, T$_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161
^{133}Sm	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, T$_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=134

^{134}Te	2005GA61	RADIOACTIVITY ^{136}Sb(β^-2n) [from ^{238}U(γ, F)]; measured β-delayed En, nn-coin; deduced branching ratio. JOUR BRSPE 69 714
	2006SIZX	NUCLEAR MOMENTS ^{130,132,134,136}Te; measured hfs, isotope shifts; deduced charge radii. Laser spectroscopy, resonant ionization. CONF Isle of Kos (FINUSTAR),Proc,P172
^{134}I	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
^{134}Xe	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

A=134 *(continued)*

	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{134}Cs	2006HA36	RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392
^{134}Pr	2006TO01	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{134}Pr deduced rotational bands $T_{1/2}$, B(E2), B(M1). Doppler-shift attenuation and recoil-distance techniques. Comparison with model predictions. JOUR PRLTA 96 052501
	2006TO15	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{134}Pr deduced rotational bands $T_{1/2}$, B(E2), B(M1). Doppler-shift attenuation and recoil-distance techniques. Comparison with model predictions. JOUR IMPEE 15 1531

A=135

^{135}Xe	2005BE77	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{129}Sb / ^{130}Sb / ^{131}Te / ^{132}Sb / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV; measured Eγ, Iγ; deduced fission fragments mean angular momenta, isomeric ratios. JOUR BRSPE 69 745
	2005GAZP	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{237}Np, ^{243}Am, ^{248}Cm(γ, F)^{135}Xe, E=25 MeV bremsstrahlung; measured isomer yield ratio. Comparison with model predictions. REPT JINR-P15-2005-210,Gangrski
^{135}Ba	2006CH51	NUCLEAR REACTIONS ^{130}Te(^{9}Be, 4n), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Ba deduced high-spin levels, J, π, configurations. JOUR ZAANE 30 347
	2006FE06	RADIOACTIVITY ^{135}La(EC) [from ^{136}Ba(p, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Ba deduced levels, J, π, B(E2), symmetry features. Comparison with interacting boson-fermion approximation and shell model predictions. JOUR PRVCA 73 051301
^{135}La	2006FE06	RADIOACTIVITY ^{135}La(EC) [from ^{136}Ba(p, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Ba deduced levels, J, π, B(E2), symmetry features. Comparison with interacting boson-fermion approximation and shell model predictions. JOUR PRVCA 73 051301
^{135}Nd	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149

A=136

^{136}Sb	2005GA61	RADIOACTIVITY ^{136}Sb(β^-2n) [from ^{238}U(γ, F)]; measured β-delayed En, nn-coin; deduced branching ratio. JOUR BRSPE 69 714
^{136}Te	2006SIZX	NUCLEAR MOMENTS ^{130,132,134,136}Te; measured hfs, isotope shifts; deduced charge radii. Laser spectroscopy, resonant ionization. CONF Isle of Kos (FINUSTAR),Proc,P172
^{136}I	2006UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}I deduced levels, J, π, ICC, configurations. Eurogam2 array. JOUR ZAANE 27 257
^{136}Xe	2006BE42	RADIOACTIVITY ^{136}Xe; measured $T_{1/2}$ lower limits for nucleon, di-nucleon, and tri-nucleon channels. JOUR ZAANE 27 s01 35
	2006VO04	NUCLEAR REACTIONS ^{124,126,128,129,130,131,132,134,136}Xe(γ, γ'), E=4.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{124,126,128,129,130,131,132,134,136}Xe deduced levels, J, π, branching ratios, B(E1), B(M1). JOUR PRVCA 73 054315
^{136}Cs	2006SA18	NUCLEAR REACTIONS ^{137}Cs(γ, n), E $\approx$ 25 MeV bremsstrahlung; measured transmutation yield. Activation technique. Electrons produced using high-intensity laser. JOUR CPLEE 23 1434
^{136}Pr	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149
^{136}Nd	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149

A=137

^{137}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{137}Cs	2006SEZY	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ. ^{137}Ba deduced log ft. Ge(Li) detector. CONF Sarov(Nucleus-2006),Contrib,P46,Sergeev
^{137}Ba	2006ANZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd(γ, n), E=15 MeV; measured prompt and delayed Eγ, Iγ. ^{137}Ba, ^{139}Ce, ^{141}Nd deduced levels, J, π, isomer population mechanism. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P363,Angell
	2006HA36	RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392
	2006SEZY	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ. ^{137}Ba deduced log ft. Ge(Li) detector. CONF Sarov(Nucleus-2006),Contrib,P46,Sergeev
^{137}La	2006CH38	NUCLEAR REACTIONS ^{130}Te(^{11}B, 4n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{137}La deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR NUPAB 775 153

A=137 *(continued)*

	2006LI24	NUCLEAR REACTIONS ^{130}Te(^{11}B, 4n), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{137}La deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Cranked shell model analysis. JOUR ZAANE 28 1
^{137}Pr	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149
^{137}Nd	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149

A=138

^{138}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{138}Xe	2006LEZQ	NUCLEAR REACTIONS ^{50}Ti(^{138}Xe, ^{138}Xe'), E=2.8 MeV / nucleon; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{138}Xe deduced transition. Miniball array. REPT MLL 2005 Annual, P15,Leske
^{138}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{138}Ba	2005BOZR	NUCLEAR REACTIONS ^{138}Ba(polarized γ, γ'), E $\approx$ 7.5-8.5 MeV; measured Eγ, Iγ, asymmetry. ^{138}Ba deduced levels J, π, pygmy resonance features. REPT TUNL-XLIV,P191,Boswell
	2006FO13	NUCLEAR REACTIONS ^{208}Pb(^{18}O, F)^{83}Se / ^{138}Ba / ^{139}Ba / ^{140}Ba, E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Se deduced high-spin levels, J, π, configurations. Gammasphere array. JOUR PRVCA 74 034308
	2006TOZY	NUCLEAR REACTIONS ^{138}Ba(polarized γ, γ'), E=4-8.5 MeV; measured Eγ, Iγ, asymmetry. ^{138}Ba deduced levels, J, π, electric dipole strength distribution. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P350,Tonchev
	2006VO11	NUCLEAR REACTIONS ^{138}Ba(γ, γ'), E=9.2 MeV bremsstrahlung; ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E=7.6, 9.9 MeV bremsstrahlung; measured Eγ, Iγ. ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm deduced dipole transition energies, B(E1). Comparison with quasiparticle-phonon model predictions. JOUR NUPAB 779 1
^{138}La	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270
^{138}Ce	2006PIZZ	NUCLEAR REACTIONS C(^{138}Ce, ^{138}Ce'), E=400, 480 MeV; measured Eγ, Iγ following projectile Coulomb excitation. ^{138}Ce deduced levels, J, π, B(M1), B(E2), B(E3), configurations, mixed-symmetry state. Gammasphere array. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P11,Pietralla

A=138 *(continued)*

	2006RA08	NUCLEAR REACTIONS ^{12}C(^{138}Ce, ^{138}Ce'), E=480 MeV; measured Eγ, Iγ, angular distributions following projectile Coulomb excitation. ^{138}Ce deduced levels, J, π, B(M1), B(E2), B(E3), δ, mixed-symmetry state. Gammasphere array. JOUR PRLTA 96 122501
^{138}Pr	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149
^{138}Nd	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149

A=139

^{139}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{139}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{139}Ba	2006FO13	NUCLEAR REACTIONS ^{208}Pb(^{18}O, F)^{83}Se / ^{138}Ba / ^{139}Ba / ^{140}Ba, E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Se deduced high-spin levels, J, π, configurations. Gammasphere array. JOUR PRVCA 74 034308
^{139}La	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay T$_{1/2}$ lower limits. LaCl$_3$:Ce scintillator. JOUR NIMAE 555 270
	2006BE55	RADIOACTIVITY ^{139}La; measured T$_{1/2}$ lower limit for charge non-conserving decay. LaCl$_3$(Ce) scintillator. JOUR UKPJA 51 1037
^{139}Ce	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E $\approx$ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E $\approx$ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E $\approx$ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553
	2006ANZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd(γ, n), E=15 MeV; measured prompt and delayed Eγ, Iγ. ^{137}Ba, ^{139}Ce, ^{141}Nd deduced levels, J, π, isomer population mechanism. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P363,Angell
	2006BU04	NUCLEAR REACTIONS ^{139}La(p, n), E=5.0, 6.0 MeV; measured Eγ, Iγ, neutron spectra, $\gamma\gamma$-, γn-coin, DSA. ^{130}Te(^{12}C, 3n), E=50.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{139}Ce deduced levels, J, π, T$_{1/2}$, B(M1), B(E2), configurations. GASP array, comparison with shell model predictions. JOUR ZAANE 27 301
^{139}Nd	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E $\approx$ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E $\approx$ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E $\approx$ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553

A=139 *(continued)*

	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149
^{139}Eu	2006XU03	RADIOACTIVITY ^{140}Tb, ^{141}Dy(β^+p); [from ^{106}Cd(^{40}Ca, xnyp)]; measured β-delayed Ep, Ip, Eγ, Iγ, (particle)γ-coin. ^{140}Tb, ^{141}Dy deduced T$_{1/2}$, decay branching ratios, J, π, deformation parameters, configurations. JOUR ZAANE 28 37

A=140

^{140}I	2006RO26	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, F)^{87}Br / ^{88}Br / ^{89}Br / ^{91}Br / ^{93}Kr / ^{94}Rb / ^{95}Rb / ^{137}I / ^{138}I / ^{139}I / ^{140}I, E=thermal-1.2 MeV; measured cumulative fission yields, energy dependence features. JOUR PRVCA 74 014607
^{140}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{140}Ba	2006FO13	NUCLEAR REACTIONS ^{208}Pb(^{18}O, F)^{83}Se / ^{138}Ba / ^{139}Ba / ^{140}Ba, E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{83}Se deduced high-spin levels, J, π, configurations. Gammasphere array. JOUR PRVCA 74 034308
^{140}La	2006TEZX	NUCLEAR REACTIONS ^{139}La(n, γ), E $\approx$ 0-1 MeV; measured capture σ; deduced resonance and level density parameters. CONF Isle of Kos (FINUSTAR),Proc,P551
	2006TEZY	NUCLEAR REACTIONS ^{139}La(n, γ), E=0.6-9000 eV; measured capture σ; deduced resonance parameters, level densities, Maxwellian averaged σ. Astrophysical implications discussed. PREPRINT nucl-ex/0610034,10/24/2006
	2006TEZZ	NUCLEAR REACTIONS ^{139}La(n, γ), E $\approx$ 0-9 keV; measured capture σ; deduced resonance parameters. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P283,Terlizzi
^{140}Ce	2006SA37	NUCLEAR REACTIONS ^{140}Ce(α, α'), E=136 MeV; measured Eα, Eγ, $\alpha\gamma$-coin, $\sigma(\theta)$. ^{140}Ce deduced electric dipole strength distribution, pygmy resonance features. JOUR PRLTA 97 172502
	2006VO11	NUCLEAR REACTIONS ^{138}Ba(γ, γ'), E=9.2 MeV bremsstrahlung; ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E=7.6, 9.9 MeV bremsstrahlung; measured Eγ, Iγ. ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm deduced dipole transition energies, B(E1). Comparison with quasiparticle-phonon model predictions. JOUR NUPAB 779 1
^{140}Pr	2006UT01	NUCLEAR REACTIONS ^{139}La, ^{141}Pr(γ, n), E=9.1-14.0 MeV; measured σ. Comparison with previous results and model predictions. Astrophysical implications discussed. JOUR PRVCA 74 025806
^{140}Nd	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E $\approx$ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E $\approx$ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E $\approx$ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553

A=140 *(continued)*

	2005PE24	NUCLEAR REACTIONS ^{96}Zr(^{48}Ca, 4n), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{140}Nd deduced high-spin levels, J, π, configurations. Euroball array. JOUR PRVCA 72 064318
	2006PE25	NUCLEAR REACTIONS ^{126}Te(^{18}O, 4n), E=70 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced σ. ^{140}Nd deduced high-spin levels, J, π, configurations, six-quasiparticle isomer. Afrodite array. JOUR PRVCA 74 034304
	2006PE31	NUCLEAR REACTIONS ^{96}Zr(^{48}Ca, 4n), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{140}Nd deduced high-spin levels, J, triaxial deformation. Euroball array. JOUR PHSTB T125 212
^{140}Eu	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, T$_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, T$_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316
^{140}Gd	2006XU03	RADIOACTIVITY ^{140}Tb, ^{141}Dy(β^+p); [from ^{106}Cd(^{40}Ca, xnyp)]; measured β-delayed Ep, Ip, Eγ, Iγ, (particle)γ-coin. ^{140}Tb, ^{141}Dy deduced T$_{1/2}$, decay branching ratios, J, π, deformation parameters, configurations. JOUR ZAANE 28 37
^{140}Tb	2006XU03	RADIOACTIVITY ^{140}Tb, ^{141}Dy(β^+p); [from ^{106}Cd(^{40}Ca, xnyp)]; measured β-delayed Ep, Ip, Eγ, Iγ, (particle)γ-coin. ^{140}Tb, ^{141}Dy deduced T$_{1/2}$, decay branching ratios, J, π, deformation parameters, configurations. JOUR ZAANE 28 37

A=141

^{141}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{141}Nd	2005ANZX	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd(γ, n), E=15 MeV; measured Eγ, Iγ; deduced isomer yields. REPT TUNL-XLIV,P188,Angell
	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E $\approx$ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E $\approx$ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E $\approx$ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553
	2006ANZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd(γ, n), E=15 MeV; measured prompt and delayed Eγ, Iγ. ^{137}Ba, ^{139}Ce, ^{141}Nd deduced levels, J, π, isomer population mechanism. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P363,Angell
	2006ST20	NUCLEAR REACTIONS Pr(p, X)^{135}Nd / ^{136}Nd / ^{137}Nd / ^{138}Nd / ^{139}Nd / ^{139m}Nd / ^{141}Nd / ^{136}Pr / ^{137}Pr / ^{138m}Pr, E $\approx$ 7-97 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 149
^{141}Dy	2006XU03	RADIOACTIVITY ^{140}Tb, ^{141}Dy(β^+p); [from ^{106}Cd(^{40}Ca, xnyp)]; measured β-delayed Ep, Ip, Eγ, Iγ, (particle)γ-coin. ^{140}Tb, ^{141}Dy deduced T$_{1/2}$, decay branching ratios, J, π, deformation parameters, configurations. JOUR ZAANE 28 37

A=142

^{142}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{142}Pr	2006YO03	NUCLEAR REACTIONS ^{141}Pr(n, γ), E $\approx$ 0-140 keV; measured Eγ, Iγ, capture σ; deduced resonance integral. Comparison with previous results. JOUR KPSJA 48 841
^{142}Nd	2006VO11	NUCLEAR REACTIONS ^{138}Ba(γ, γ'), E=9.2 MeV bremsstrahlung; ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E=7.6, 9.9 MeV bremsstrahlung; measured Eγ, Iγ. ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm deduced dipole transition energies, B(E1). Comparison with quasiparticle-phonon model predictions. JOUR NUPAB 779 1
^{142}Gd	2006LI60	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{142}Gd deduced high-spin levels, J, π, B(E2). Euroball array. JOUR PHSTB T125 204
^{142}Tb	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=143

^{143}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{143}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{143}Sm	2006RA10	NUCLEAR REACTIONS ^{130}Te(^{20}Ne, 7n), E=137 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{143}Sm deduced high-spin levels, J, π. Comparison with model predictions. JOUR PRVCA 73 044305

A=144

^{144}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{144}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8

A=144 *(continued)*

^{144}Sm	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606
	2006VO11	NUCLEAR REACTIONS ^{138}Ba(γ, γ'), E=9.2 MeV bremsstrahlung; ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), E=7.6, 9.9 MeV bremsstrahlung; measured Eγ, Iγ. ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm deduced dipole transition energies, B(E1). Comparison with quasiparticle-phonon model predictions. JOUR NUPAB 779 1
^{144}Dy	2006SUZZ	NUCLEAR REACTIONS ^{92}Mo(^{56}Fe, 2n2p), E=280 MeV; measured Eγ, Iγ. ^{144}Dy deduced levels, J, π. REPT JAERI-TV 2004 Annual,P24,Sugawara
^{144}Ho	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, T$_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, T$_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=145

^{145}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{145}Ce	2005VE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{145}Ce, E=85 MeV; ^{238}U(^{12}C, X)^{147}Nd, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{147}Nd, ^{145}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 26 315
^{145}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{145}Gd	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{145}Er	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, T$_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, T$_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=146

^{146}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205

A=146 *(continued)*

^{146}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{146}Gd	2006CAZX	NUCLEAR REACTIONS ^{144}Sm(α, 2n), E=26.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{146}Gd deduced levels, J, π, two-phonon octupole state. CONF Isle of Kos (FINUSTAR),Proc,P213
	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{146}Tb	2006KR07	NUCLEAR REACTIONS ^{115}In(^{34}S, X)^{34}P / ^{36}S / ^{146}Tb / ^{145}Gd / ^{146}Gd, E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{34}P, ^{36}S deduced levels, J, π, configurations. JOUR ZAANE 29 151
^{146}Tm	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=147

^{147}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{147}Ce	2006VE04	NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{149}Nd / ^{147}Ce, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{149}Nd, ^{147}Ce deduced high-spin levels, J, π, configurations. Euroball III array. JOUR ZAANE 28 147
^{147}Nd	2005VE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{145}Ce, E=85 MeV; ^{238}U(^{12}C, X)^{147}Nd, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{147}Nd, ^{145}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 26 315
^{147}Gd	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=148

^{148}Cs	2006HO05	NUCLEAR REACTIONS ^{238}U(n, F)^{90}Rb / ^{91}Rb / ^{92}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{96}Rb / ^{97}Rb / ^{98}Rb / ^{99}Rb / ^{100}Rb / ^{138}Cs / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{143}Cs / ^{144}Cs / ^{145}Cs / ^{146}Cs / ^{147}Cs / ^{148}Cs, E=fast; measured fission yields. Isotope separator. JOUR NIMBE 247 205
^{148}Ce	2006CH24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{148}Ce deduced levels, J, π, rotational bands, B(E1) / B(E2), possible octupole correlations. Gammasphere array. JOUR PRVCA 73 054316

A=148 *(continued)*

	2006HW01	RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels $T_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316
^{148}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{148}Er	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, $T_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=149

^{149}Nd	2006VE04	NUCLEAR REACTIONS ^{238}U(^{12}C, X)^{149}Nd / ^{147}Ce, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{149}Nd, ^{147}Ce deduced high-spin levels, J, π, configurations. Euroball III array. JOUR ZAANE 28 147
^{149}Sm	2006TS03	NUCLEAR REACTIONS ^{149}Sm(γ, γ'), E not given; measured Mossbauer spectra in several compounds. JOUR PHYBE 383 142
^{149}Eu	2006RI11	RADIOACTIVITY ^{149}Gd(EC), (β^+) [from ^{148}Gd(n, γ)]; measured Eγ, Iγ. ^{149}Eu deduced levels, J, π. Comparison with previous results. JOUR PRVCA 74 044302
^{149}Gd	2006RI11	NUCLEAR REACTIONS ^{148}Gd(n, γ), E=thermal; measured capture σ, resonance integral. JOUR PRVCA 74 044302
	2006RI11	RADIOACTIVITY ^{149}Gd(EC), (β^+) [from ^{148}Gd(n, γ)]; measured Eγ, Iγ. ^{149}Eu deduced levels, J, π. Comparison with previous results. JOUR PRVCA 74 044302
	2006ST07	NUCLEAR REACTIONS ^{197}Au(^{20}Ne, X)^{37}Ar / ^{127}Xe, E=8 GeV; ^{197}Au(^{12}C, X)^{37}Ar / ^{127}Xe, E=25 GeV; ^{197}Au(^{28}Si, X)^{37}Ar / ^{127}Xe, E=381 GeV; ^{197}Au(p, X)^{24}Na / ^{28}Mg / ^{48}Sc / ^{48}V / ^{58}Co / ^{59}Fe / ^{65}Zn / ^{74}As / ^{90}Nb / ^{100}Pd / ^{100}Rh / ^{131}Ba / ^{149}Gd, E=28 GeV; measured fragments angular distributions; deduced sideward peaking enhancements for heavy ions. Kinetic-focusing model analysis. JOUR PRVCA 73 047602
^{149}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=149 *(continued)*

^{149}Yb	2006XU07	RADIOACTIVITY ^{133}Sm(EC), (β^+), (β^+p) [from ^{96}Ru(^{40}Ca, n2p)]; measured β-delayed Eγ, Ep, pγ-coin, T$_{1/2}$; deduced decay branching ratios. ^{132}Nd, ^{133}Sm deduced levels, J, π, feeding intensities. ^{149}Yb(β^+p); analyzed β-delayed Eγ, Ep, pγ-coin; deduced decay branching ratios. ^{148}Er levels deduced feeding intensities. ^{133}Sm, ^{149}Yb deduced ground-state J, π. Potential energy surface calculations. JOUR ZAANE 29 161

A=150

^{150}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{150}Sm	2006BO10	NUCLEAR REACTIONS ^{149}Sm(n, γ), E=thermal; measured Eγ, Iγ. ^{150}Sm deduced levels, J, π, T$_{1/2}$, B(E2), phase transition features. Gamma-ray-induced Doppler broadening technique, GAMS4 spectrometer, comparison with IBA model predictions. JOUR PRVCA 73 034314
^{150}Tb	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606
^{150}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606
^{150}Ho	2006FU06	NUCLEAR REACTIONS ^{141}Pr(^{16}O, 7n), E=165 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{150}Ho deduced levels, J, π, configurations, high-spin isomer T$_{1/2}$. JOUR PRVCA 73 067303

A=151

^{151}Ce	2006KO25	RADIOACTIVITY ^{151}Ce(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ, E$\beta\gamma$-coin. ^{151}Pr deduced levels, J, π, isomeric state T$_{1/2}$. Mass separator. JOUR NIMAE 564 275
^{151}Pr	2006KO25	RADIOACTIVITY ^{151}Ce(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ, E$\beta\gamma$-coin. ^{151}Pr deduced levels, J, π, isomeric state T$_{1/2}$. Mass separator. JOUR NIMAE 564 275

A=151 *(continued)*

^{151}Tb	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606
^{151}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=152

^{152}Sm	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006KUZY	RADIOACTIVITY ^{152,152m}Eu(EC), (β^+) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, B(E2). PREPRINT nucl-ex/0607025,7/20/2006
	2006MA18	NUCLEAR REACTIONS ^{151}Sm(n, γ), E $\approx$ 0-1 MeV; measured capture σ; deduced resonance parameters, resonance integral, Maxwellian-averaged σ. JOUR PRVCA 73 034604
	2006WI01	NUCLEAR REACTIONS Sm, ^{151}Sm(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015802
^{152}Eu	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006AGZZ	NUCLEAR REACTIONS ^{151,153}Eu(n, γ), E $\approx$ 0.1-0.7 eV; measured capture Eγ, Iγ. ^{152,154}Eu deduced radiative strength functions, possible scissors-mode decay. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P295,Agvaanluvsan
	2006KUZY	RADIOACTIVITY ^{152,152m}Eu(EC), (β^+) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, B(E2). PREPRINT nucl-ex/0607025,7/20/2006
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{152}Gd	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=152 *(continued)*

	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
	2006SHZY	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152,154}Gd deduced high-spin levels, J, π, configurations. Afrodite array. CONF Bormio (XLIV Winter Meeting) Proc,P295
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{152}Dy	2006GO19	NUCLEAR REACTIONS ^{144}Sm(^{9}Be, ^{9}Be), E=33-41 MeV; measured elastic $\sigma(\theta)$. ^{144}Sm(^{9}Be, n), (^{9}Be, 2n), (^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, np), (^{9}Be, 2np), E=30-44 MeV; ^{144}Sm(^{9}Be, X)^{147}Gd, E=3-44 MeV; measured σ; deduced complete and incomplete fusion σ, reaction σ. Delayed x-ray detection technique, comparison with model predictions. JOUR PRVCA 73 064606

A=153

^{153}Sm	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547
	2006AL07	NUCLEAR REACTIONS ^{32}S, ^{64}Zn, ^{89}Y, ^{90}Zr, ^{153}Eu(n, p), E=0-20 MeV; analyzed excitation functions. ^{32}S, ^{90}Zr, ^{153}Eu(n, p), E=spectrum; measured integral σ. Neutrons from 14 MeV d(Be) source. JOUR ARISE 64 717
	2006LE32	RADIOACTIVITY ^{153}Sm(β^-); measured Eγ, Iγ, X-ray spectra; deduced photon emission intensities. JOUR ARISE 64 1428
^{153}Eu	2006LE32	RADIOACTIVITY ^{153}Sm(β^-); measured Eγ, Iγ, X-ray spectra; deduced photon emission intensities. JOUR ARISE 64 1428
^{153}Gd	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=154

^{154}Sm	2006DE19	NUCLEAR REACTIONS ^{154}Sm(n, n'γ), E=fast; measured Eγ, Iγ. ^{154}Sm deduced levels, J, π, δ. JOUR PANUE 69 555
^{154}Eu	2006AGZZ	NUCLEAR REACTIONS ^{151,153}Eu(n, γ), E $\approx$ 0.1-0.7 eV; measured capture Eγ, Iγ. ^{152,154}Eu deduced radiative strength functions, possible scissors-mode decay. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P295,Agvaanluvsan

A=154 ***(continued)***

	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{154}Gd	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
	2006SHZY	NUCLEAR REACTIONS ^{152,154}Sm(α, 4n), E=45 MeV; ^{152}Sm(α, 2n), E=25 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152,154}Gd deduced high-spin levels, J, π, configurations. Afrodite array. CONF Bormio (XLIV Winter Meeting) Proc,P295
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126

A=155

^{155}Gd	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber

A=156

^{156}Gd	2006KIZZ	NUCLEAR REACTIONS ^{155,156,157,158}Gd(n, γ), E=10-90 keV; measured capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P133,Kim
	2006LE35	NUCLEAR REACTIONS ^{155,157}Gd(n, X), (n, γ), E $\approx$ 0-300 eV; measured transmission and capture σ; deduced resonance parameters. Comparison with previous results. JOUR NSENA 154 261
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{156}Dy	2006MO22	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 4n), E=155 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{156}Dy levels deduced $T_{1/2}$, B(E2), transition quadrupole moments, symmetry features. GASP array, recoil-distance technique. JOUR PRVCA 74 024313
^{156}Er	2006RI13	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{156,157,158}Er deduced high-spin levels, states above band termination. Gammasphere array. JOUR PHSTB T125 123

A=157

^{157}Gd	2006KIZZ	NUCLEAR REACTIONS ^{155,156,157,158}Gd(n, γ), E=10-90 keV; measured capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P133,Kim
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{157}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307
^{157}Er	2006EV02	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157}Er deduced high-spin levels, J, π, configurations, B(M1) / B(E2), band termination. Gammasphere array. JOUR PRVCA 73 064303
	2006RI13	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{156,157,158}Er deduced high-spin levels, states above band termination. Gammasphere array. JOUR PHSTB T125 123

A=158

^{158}Pm	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{158}Sm	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{158}Gd	2006CH16	NUCLEAR REACTIONS ^{155}Gd, ^{157}Gd(n, γ), E=10-90 MeV; measured Eγ, Iγ, capture σ. Pulse-height weighting technique, comparison with previous results. JOUR KPSJA 48 835
	2006KIZZ	NUCLEAR REACTIONS ^{155,156,157,158}Gd(n, γ), E=10-90 keV; measured capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P133,Kim
	2006LE35	NUCLEAR REACTIONS ^{155,157}Gd(n, X), (n, γ), E $\approx$ 0-300 eV; measured transmission and capture σ; deduced resonance parameters. Comparison with previous results. JOUR NSENA 154 261
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
	2006LEZX	NUCLEAR REACTIONS ^{158}Gd(n, n'), E=1.4-3.27 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{158}Gd deduced 0^+ states energies, $T_{1/2}$, B(E2). CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P233,Lesher

A=158 *(continued)*

^{158}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307
^{158}Ho	2006VAZY	RADIOACTIVITY ^{158}Er(EC); measured Eγ, Iγ, E(ce), $\gamma\gamma$-coin. ^{158}Ho deduced levels, J, π, $T_{1/2}$, Q(EC), log ft. YASNAPP facility. CONF Sarov(Nucleus-2006),Contrib,P83,Vaganov
^{158}Er	2006RI13	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{156,157,158}Er deduced high-spin levels, states above band termination. Gammasphere array. JOUR PHSTB T125 123
	2006VAZY	RADIOACTIVITY ^{158}Er(EC); measured Eγ, Iγ, E(ce), $\gamma\gamma$-coin. ^{158}Ho deduced levels, J, π, $T_{1/2}$, Q(EC), log ft. YASNAPP facility. CONF Sarov(Nucleus-2006),Contrib,P83,Vaganov
^{158}W	2006JO10	RADIOACTIVITY ^{159}Re(p) [from ^{106}Cd(^{58}Ni, 4np)]; measured Ep, $T_{1/2}$; deduced ground-state configuration. JOUR PYLBB 641 34

A=159

^{159}Pm	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{159}Sm	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{159}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{159}Gd	2006KIZZ	NUCLEAR REACTIONS ^{155,156,157,158}Gd(n, γ), E=10-90 keV; measured capture σ. Comparison with previous results. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P133,Kim
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{159}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307
^{159}Re	2006JO10	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 4np), E=300 MeV; measured Eα, Iα, Ep, Ip, (recoil)α-coin following residual nucleus decay. Recoil-decay correlation technique. JOUR PYLBB 641 34
	2006JO10	RADIOACTIVITY ^{159}Re(p) [from ^{106}Cd(^{58}Ni, 4np)]; measured Ep, $T_{1/2}$; deduced ground-state configuration. JOUR PYLBB 641 34

A=160

^{160}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{160}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{160}Dy	2006BOZW	RADIOACTIVITY ^{160}Ho(EC) [from ^{160}Er(EC)]; measured E(ce), I(ce). ^{160}Dy deduced E0 transitions. Magnetic spectrograph, photoplate. CONF Sarov(Nucleus-2006),Contrib,P50,Bogachenko
^{160}Ho	2006BOZW	RADIOACTIVITY ^{160}Ho(EC) [from ^{160}Er(EC)]; measured E(ce), I(ce). ^{160}Dy deduced E0 transitions. Magnetic spectrograph, photoplate. CONF Sarov(Nucleus-2006),Contrib,P50,Bogachenko
	2006KAZX	RADIOACTIVITY ^{160}Er(EC); measured Eγ, Iγ. ^{160}Ho deduced levels, J, π, branching ratio, isomer $T_{1/2}$. Mass-separator, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P82,Kalinnikov
^{160}Er	2006DU02	NUCLEAR REACTIONS ^{159}Tb(^{6}Li, 5n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Er deduced levels, J, π, δ, branching ratios, collective features. Constrained β-soft rotor model analysis. JOUR PRVCA 73 014317
	2006KAZX	RADIOACTIVITY ^{160}Er(EC); measured Eγ, Iγ. ^{160}Ho deduced levels, J, π, branching ratio, isomer $T_{1/2}$. Mass-separator, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P82,Kalinnikov

A=161

^{161}Sm	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{161}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{161}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006LEZV	NUCLEAR REACTIONS ^{152,154,155,156,157,158,160}Gd(n, γ), E=thermal; measured capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),C035,Leinweber
^{161}Lu	2006BR12	NUCLEAR REACTIONS ^{139}La(^{28}Si, 6n), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{161}Lu deduced high-spin levels, J, π, configurations, superdeformed bands. Euroball array. JOUR PRVCA 73 054314

A=161 *(continued)*

^{161}Re	2006LA16	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 2np), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{161}Re deduced high-spin levels, J, π, configurations. Jurogam array, mass separator, recoil-decay tagging, total Routhian surface calculations. JOUR PRVCA 74 024316

A=162

^{162}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
^{162}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
^{162}Dy	2006AP01	NUCLEAR REACTIONS ^{161}Dy(n, γ), E=0.03-2 MeV; measured Eγ, Iγ, E(ce), I(ce). ^{160}Gd(α, 2n), E=256 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Dy deduced levels, K, J, π, ICC, configurations, collective features. Complete spectroscopy, Ritz combination principle. JOUR NUPAB 764 42
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
^{162}Ho	2005LI63	NUCLEAR REACTIONS ^{160}Gd(^{7}Li, 5n), E=49 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Ho deduced high-spin levels, J, π, B(M1) / B(E2), configurations. JOUR PRVCA 72 067301
^{162}Yb	2006MC02	NUCLEAR REACTIONS ^{116}Cd(^{50}Ti, 4n), E=200 MeV; ^{122}Sn(^{48}Ti, 4n), E=200 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Yb, ^{166}Hf deduced levels $T_{1/2}$, B(E2). Recoil-distance method, comparison with X(5) critical-point and IBA model predictions. JOUR PRVCA 73 034303

A=163

^{163}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato
	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato
^{163}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato
^{163}Tb	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{163}Dy	2006KRZZ	NUCLEAR REACTIONS ^{162}Dy(n, γ), E=90-100 keV; measured Eγ, Iγ. ^{163}Dy deduced summed B(M1) strength, scissors resonance features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P345,Krticka
^{163}Tm	2006PAZV	NUCLEAR REACTIONS ^{130}Te(^{37}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Tm deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Gammasphere array, tilted-axis cranking calculations. PREPRINT nucl-ex/0611036,11/21/2006

A=164

^{164}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato
	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato
	2006SAZZ	RADIOACTIVITY ^{164}Eu(β^-) [from U(p, F)]; measured Eγ, Eβ, $\beta\gamma$-, (X-ray)γ-coin. REPT JAERI-TV 2004 Annual,P39,Sato
^{164}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato

A=164 *(continued)*

	2006SAZZ	RADIOACTIVITY ^{164}Eu(β^-) [from U(p, F)]; measured Eγ, Eβ, $\beta\gamma$-, (X-ray)γ-coin. REPT JAERI-TV 2004 Annual,P39,Sato
^{164}Dy	2006WEZZ	NUCLEAR REACTIONS ^{164}Dy(γ, γ'), E=2.9, 3.6 MeV bremsstrahlung; ^{164}Dy(polarized γ, γ'), E $\approx$ 3000-3200 keV; measured Eγ, Iγ. ^{164}Dy deduced levels, transitions, scissors mode features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P340,Werner

A=165

^{165}Eu	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato
	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato
^{165}Gd	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
	2006SAZS	RADIOACTIVITY ^{163,164,165}Eu(β^-) [from U(p, F)]; measured Eγ, Iγ, X-ray spectra, $\beta\gamma$-coin, $T_{1/2}$. REPT JAEA-Review 2006-029,P31,Sato
^{165}Tm	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83

A=166

^{166}Tb	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{166}Dy	2006HAZT	RADIOACTIVITY ^{158,159}Pm, ^{159,161}Sm, ^{160,161,162,163,164,165}Eu, ^{163}Gd, ^{166}Tb(β^-) [from U(p, F)]; measured Qβ; deduced two-neutron separation energies. BGO total absorption detector. REPT JAEA-Review 2006-029,P33,Hayashi
^{166}Ho	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308
^{166}Er	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308

A=166 *(continued)*

^{166}Tm	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308
^{166}Yb	2006LE41	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169,170}Yb deduced rotational damping widths, spreading widths, correlation probabilities, ordered and chaotic behavior. Gammasphere array. JOUR PHSTB T125 142
^{166}Hf	2006MC02	NUCLEAR REACTIONS ^{116}Cd(^{50}Ti, 4n), E=200 MeV; ^{122}Sn(^{48}Ti, 4n), E=200 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Yb, ^{166}Hf deduced levels $T_{1/2}$, B(E2). Recoil-distance method, comparison with X(5) critical-point and IBA model predictions. JOUR PRVCA 73 034303

A=167

^{167}Yb	2006LE41	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169,170}Yb deduced rotational damping widths, spreading widths, correlation probabilities, ordered and chaotic behavior. Gammasphere array. JOUR PHSTB T125 142

A=168

^{168}Er	2006BU09	NUCLEAR REACTIONS ^{170}Er(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{168}Er deduced levels, J, π, configurations. Comparison with quasiparticle-phonon model and projected shell model predictions. JOUR PRVCA 73 064309
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
^{168}Yb	2006LE41	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169,170}Yb deduced rotational damping widths, spreading widths, correlation probabilities, ordered and chaotic behavior. Gammasphere array. JOUR PHSTB T125 142

A=169

^{169}Tm	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
^{169}Yb	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E $\approx$ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E $\approx$ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
	2006LE41	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169,170}Yb deduced rotational damping widths, spreading widths, correlation probabilities, ordered and chaotic behavior. Gammasphere array. JOUR PHSTB T125 142
^{169}Lu	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{169}Ta	2005KU40	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 6nγ), E=104 MeV; measured delayed Eγ, Iγ(θ, H, t). ^{169}Ta levels deduced quadrupole moments, $T_{1/2}$, deformation parameters. Time-dependent perturbed angular correlation. JOUR ZAANE 26 311
	2006HA46	NUCLEAR REACTIONS ^{124}Sn(^{51}V, 6n), E=228 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{169}Ta deduced high-spin levels, J, π, configurations. Gammasphere array. JOUR PRVCA 74 054314
^{169}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=170

^{170}Yb	2006LE41	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169,170}Yb deduced rotational damping widths, spreading widths, correlation probabilities, ordered and chaotic behavior. Gammasphere array. JOUR PHSTB T125 142
^{170}Lu	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E $\approx$ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E $\approx$ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83

A=170 ***(continued)***

^{170}Hf	2006NE03	NUCLEAR REACTIONS ^{124}Sn(^{50}Ti, 4n), E=216 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{170}Hf deduced high-spin levels, J, π, triaxial superdeformed bands. Euroball array. JOUR PRVCA 73 034309
	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{170}Ta	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{170}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=171

^{171}Lu	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E $\approx$ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E $\approx$ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{171}Hf	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{171}Ta	2005HA71	NUCLEAR REACTIONS ^{124}Sn(^{51}V, 4n), E=228 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171}Ta deduced high-spin levels, J, π, configurations. No wobbling sequence seen. Gammasphere array. JOUR PRVCA 72 064325
	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
	2006ZH09	NUCLEAR REACTIONS ^{157}Gd(^{19}F, 5n), E=105 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{171}Ta deduced high-spin levels, J, π, configurations, $T_{1/2}$, B(E2), quadrupole deformation, transition quadrupole moments. Total routhian surface calculations. JOUR ZAANE 27 137

A=171 *(continued)*

^{171}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=172

^{172}Er	2006DR04	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. JOUR PYLBB 635 200
	2006DRZZ	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. PREPRINT ANU-P/1698,Dracoulis
^{172}Yb	2006SC07	NUCLEAR REACTIONS ^{173}Yb(^{3}He, α), E=45 MeV; ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, (particle)γ-coin, $\gamma\gamma$-coin. ^{172}Yb deduced radiative strength functions, resonance multipolarity, B(M1). JOUR PYLBB 633 225
	2006SC17	NUCLEAR REACTIONS ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced primary and secondary γ intensities. JOUR PRVCA 74 017305
	2006SCZZ	NUCLEAR REACTIONS ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced primary vs secondary intensities. Comparison with previous results. PREPRINT nucl-ex/0601015,1/10/2006
^{172}Lu	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E $\approx$ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E $\approx$ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
^{172}Ta	2006SH18	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 2n2p), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 2n2α), E $\approx$ 70-95 MeV; measured excitation functions, recoil range distributions; deduced contribution from incomplete fusion. Activation technique, comparison with model predictions. JOUR NUPAB 776 83
^{172}Pt	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=173

^{173}Lu	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E $\approx$ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E $\approx$ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{173}Ta	2006TH07	NUCLEAR REACTIONS ^{165}Ho(^{12}C, 4n), E=66 MeV; measured delayed Eγ, I$\gamma(\theta$, H, t). ^{173}Ta deduced isomeric states g factors, configurations. Time-dependent perturbed angular distribution technique. JOUR PRVCA 74 034329
^{173}Pt	2005CAZV	RADIOACTIVITY ^{181}Pb, ^{177}Hg(α) [from ^{92}Mo(^{90}Zr, n) and subsequent decay]; measured Eα, $\alpha\alpha$-, $\alpha\gamma$-coin, T$_{1/2}$. ^{181}Pb deduced ground-state J, π. Gammasphere array, fragment separator. REPT ANL-05/61,P53,Carpenter
	2006JO04	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, 2n), (^{60}Ni, 3n), E=266 MeV; Sn(^{60}Ni, xn)^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{170,172,173}Pt deduced levels, J, π, configurations. ^{169,171,173}Pt deduced transitions. Jurogam array, recoil-decay tagging. JOUR PRVCA 74 014302

A=174

^{174}Er	2006DR04	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. JOUR PYLBB 635 200
	2006DRZZ	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. PREPRINT ANU-P/1698,Dracoulis
^{174}Tm	2006CH10	RADIOACTIVITY ^{174}Tm(IT) [from Ta(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-, (ce)(ce)-coin, T$_{1/2}$. ^{174}Tm deduced levels, J, π, configurations, ICC, B(E3). JOUR PRVCA 73 024306
^{174}Yb	2006KAZW	RADIOACTIVITY ^{178m}Hf(α); measured Iα; deduced T$_{1/2}$ lower limit. Si and track detector. CONF Sarov(Nucleus-2006),Contrib,P178,Karamian
^{174}Lu	2006DR07	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Lu, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Lu deduced levels, J, π, configurations, isomer T$_{1/2}$, K-mixing. Gammasphere array. JOUR PRLTA 97 122501
	2006DRZY	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Lu, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Lu deduced levels, J, π, configurations, isomer T$_{1/2}$, K-mixing. Gammasphere array. REPT ANU-P/1717,Dracoulis

A=174 *(continued)*

	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E ≈ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E ≈ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
^{174}W	2006TA13	NUCLEAR REACTIONS ^{128}Te(^{50}Ti, 4n), E=215, 225 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}W deduced high-spin levels, J, π, configurations, high-K isomeric states $T_{1/2}$. Gammasphere array, comparison with cranked mean-field model predictions. JOUR PRVCA 73 044306

A=175

^{175}Yb	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E ≈ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E ≈ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223

A=176

^{176}Yb	2005BI28	NUCLEAR MOMENTS ^{130m}Ba, ^{176m}Yb; measured charge radii. Hf, Lu, Yb; analyzed radii. Mass separator, laser spectroscopy. JOUR HYIND 162 63
^{176}Lu	2006DE22	RADIOACTIVITY ^{176}Lu(β^-); measured isotope ratios; deduced $T_{1/2}$. Thermal ionization mass spectrometer. JOUR PRVCA 73 045806
	2006LU03	RADIOACTIVITY ^{176}Lu(β^-); measured Eγ, Iγ, $T_{1/2}$. ^{176}Hf deduced γ-emission probabilities. Comparison with previous results. JOUR ARISE 64 588
	2006WI02	NUCLEAR REACTIONS ^{175,176}Lu(n, γ), E=3-225 keV; measured Eγ, capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015807
^{176}Hf	2005ZD04	RADIOACTIVITY ^{180}W(α); measured $T_{1/2}$. Effects of contaminant decays in $CaWO_4$ crystal scintillators discussed. JOUR NIMAE 538 657
	2006DE22	RADIOACTIVITY ^{176}Lu(β^-); measured isotope ratios; deduced $T_{1/2}$. Thermal ionization mass spectrometer. JOUR PRVCA 73 045806
	2006KE03	NUCLEAR REACTIONS ^{50}V, ^{176}Lu(p, n), E=0.75-1.55 MeV; measured thick-target yields in a variety of materials; deduced electron screening effects, resonance features. JOUR JPGPE 32 489
	2006LU03	RADIOACTIVITY ^{176}Lu(β^-); measured Eγ, Iγ, $T_{1/2}$. ^{176}Hf deduced γ-emission probabilities. Comparison with previous results. JOUR ARISE 64 588
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=176 *(continued)*

	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309

A=177

^{177}Lu	2006HE14	NUCLEAR REACTIONS Yb(d, xn)^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu / ^{174}Lu / ^{177}Lu, E ≈ 3-20 MeV; Yb(d, xnp)^{169}Yb / ^{175}Yb, E ≈ 3-20 MeV; measured production σ; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 247 223
	2006WI02	NUCLEAR REACTIONS ^{175,176}Lu(n, γ), E=3-225 keV; measured Eγ, capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015807
^{177}Hf	2006WI11	NUCLEAR REACTIONS ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured Eγ, Iγ, capture σ; deduced Maxwellian-averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 045807
^{177}Ta	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel
	2006BU19	NUCLEAR REACTIONS ^{176,178,180}Hf(^{3}He, d), E=32 MeV; measured σ(E, θ). ^{177}Hf(^{3}He, d), E = 32 MeV; ^{176,177,178,180}Hf(α, t), E=30 MeV; measured σ(E). ^{177,178,179,181}Ta deduced levels, ℓ-values, spectroscopic strengths, Nilsson band assignments. ^{178}Ta deduced proton separation energy. Enriched targets, magnetic spectrograph. JOUR NUPAB 778 125
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E ≈ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
^{177}Hg	2005CAZV	RADIOACTIVITY ^{181}Pb, ^{177}Hg(α) [from ^{92}Mo(^{90}Zr, n) and subsequent decay]; measured Eα, $\alpha\alpha$-, $\alpha\gamma$-coin, T$_{1/2}$. ^{181}Pb deduced ground-state J, π. Gammasphere array, fragment separator. REPT ANL-05/61,P53,Carpenter

A=178

^{178}Lu	2006BE05	NUCLEAR REACTIONS ^{177,177m}Lu(n, γ), E=thermal; measured capture σ; deduced resonance integral. Activation technique. JOUR PRVCA 73 014603
^{178}Hf	2005CLZX	NUCLEAR REACTIONS ^{180}Hf(n, n'), E=10, 12, 14.5, 16 MeV; measured isomer production σ. Hf(n, xn), E=18 MeV; measured delayed Eγ, Iγ; deduced evidence for ^{178m}Hf. REPT TUNL-XLIV,P110,Clark
	2006HA04	NUCLEAR REACTIONS Ta(^{178}Hf, ^{178}Hf'), E≈ 700-850 MeV; measured delayed Eγ, Iγ following projectile Coulomb excitation; deduced isomer excitation function. ^{178}Hf deduced transition matrix elements, K-mixing features. JOUR PRLTA 96 042505

A=178 *(continued)*

	2006HA04	RADIOACTIVITY ^{178m}Hf(IT) [from Coulomb excitation]; measured Eγ, Iγ. ^{178}Hf deduced transition matrix elements, K-mixing features. JOUR PRLTA 96 042505
	2006KAZV	NUCLEAR REACTIONS ^{177,178m}Hf(n, γ), E=thermal; measured isomer production σ. Pulsed reactor, Ge spectrometers, Cd and B_4C filters. CONF Sarov(Nucleus-2006),Contrib,P179,Karamian
	2006KAZW	RADIOACTIVITY ^{178m}Hf(α); measured Iα; deduced $T_{1/2}$ lower limit. Si and track detector. CONF Sarov(Nucleus-2006),Contrib,P178,Karamian
	2006LAZX	RADIOACTIVITY ^{178}Ta(EC) [from ^{179}Hf(p, 2n) E=20 MeV, ^{180}Hf(d, 4n) E=30 MeV, ^{nat}Lu(α, n)]; measured E(ce), I(ce). ^{178}Hf deduced level energy. Isochronous cyclotron, cyclotron, magnetic spectrometer. CONF Sarov(Nucleus-2006),Contrib,P98,Lashko
	2006UG01	RADIOACTIVITY ^{178m}Hf(IT); measured Eγ, Iγ, multiplicities. JOUR NIMAE 565 657
	2006WI11	NUCLEAR REACTIONS ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured Eγ, Iγ, capture σ; deduced Maxwellian-averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 045807
^{178}Ta	2006BU19	NUCLEAR REACTIONS ^{176,178,180}Hf(^{3}He, d), E=32 MeV; measured σ(E, θ). ^{177}Hf(^{3}He, d), E = 32 MeV; ^{176,177,178,180}Hf(α, t), E=30 MeV; measured σ(E). ^{177,178,179,181}Ta deduced levels, ℓ-values, spectroscopic strengths, Nilsson band assignments. ^{178}Ta deduced proton separation energy. Enriched targets, magnetic spectrograph. JOUR NUPAB 778 125
	2006LAZX	RADIOACTIVITY ^{178}Ta(EC) [from ^{179}Hf(p, 2n) E=20 MeV, ^{180}Hf(d, 4n) E=30 MeV, ^{nat}Lu(α, n)]; measured E(ce), I(ce). ^{178}Hf deduced level energy. Isochronous cyclotron, cyclotron, magnetic spectrometer. CONF Sarov(Nucleus-2006),Contrib,P98,Lashko
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785

A=179

^{179}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
	2006KAZV	NUCLEAR REACTIONS ^{177,178m}Hf(n, γ), E=thermal; measured isomer production σ. Pulsed reactor, Ge spectrometers, Cd and B_4C filters. CONF Sarov(Nucleus-2006),Contrib,P179,Karamian
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655

A=179 *(continued)*

	2006WI11	NUCLEAR REACTIONS ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured Eγ, Iγ, capture σ; deduced Maxwellian-averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 045807
^{179}Ta	2006BU19	NUCLEAR REACTIONS ^{176,178,180}Hf(^{3}He, d), E=32 MeV; measured σ(E, θ). ^{177}Hf(^{3}He, d), E = 32 MeV; ^{176,177,178,180}Hf(α, t), E=30 MeV; measured σ(E). ^{177,178,179,181}Ta deduced levels, ℓ-values, spectroscopic strengths, Nilsson band assignments. ^{178}Ta deduced proton separation energy. Enriched targets, magnetic spectrograph. JOUR NUPAB 778 125
^{179}W	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{179}Au	2006AN11	RADIOACTIVITY ^{187}Po, ^{187,187m}Bi, ^{183m}Tl(α) [from ^{144}Sm(^{46}Ti, xnyp) and subsequent decay]; measured Eγ, Eα, $T_{1/2}$; deduced hindrance factors. ^{187}Po, ^{183}Pb, ^{187}Bi, ^{183}Tl deduced levels, J, π, configurations, deformation. JOUR PRVCA 73 044324

A=180

^{180}Hf	2005CLZX	NUCLEAR REACTIONS ^{180}Hf(n, n'), E=10, 12, 14.5, 16 MeV; measured isomer production σ. Hf(n, xn), E=18 MeV; measured delayed Eγ, Iγ; deduced evidence for ^{178m}Hf. REPT TUNL-XLIV,P110,Clark
	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
	2006HU15	RADIOACTIVITY ^{180m}Ta(β^-), (EC); measured lower limits for $T_{1/2}$, log ft. JOUR PRVCA 74 054311
	2006VO12	RADIOACTIVITY ^{183}Hf(β^-) [from ^{182}Hf(n, γ)]; ^{56}Mn, ^{116m}In, ^{180m}Hf; measured Eγ, Iγ, $T_{1/2}$. Comparisons with previous results. JOUR PRVCA 74 057303
	2006WI11	NUCLEAR REACTIONS ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured Eγ, Iγ, capture σ; deduced Maxwellian-averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 045807
^{180}Ta	2006BI14	NUCLEAR MOMENTS ^{180,181}Ta; measured hfs; deduced hyperfine structure coefficients. ^{180m}Ta deduced isomeric state J. Collinear laser spectroscopy. JOUR PRVCA 74 047301
	2006GO17	NUCLEAR REACTIONS ^{181}Ta(γ, n), E=9.2-12.3 MeV; measured total photoneutron and ground-state σ; deduced partial σ for isomeric state production. Astrophysical implications discussed. JOUR PRLTA 96 192501

A=180 ***(continued)***

	2006HU15	RADIOACTIVITY ^{180m}Ta(β^-), (EC); measured lower limits for $T_{1/2}$, log ft. JOUR PRVCA 74 054311
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E ≈ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E ≈ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E ≈ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E ≈ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E ≈ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
^{180}W	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2005ZD04	RADIOACTIVITY ^{180}W(α); measured $T_{1/2}$. Effects of contaminant decays in $CaWO_4$ crystal scintillators discussed. JOUR NIMAE 538 657
	2006HU15	RADIOACTIVITY ^{180m}Ta(β^-), (EC); measured lower limits for $T_{1/2}$, log ft. JOUR PRVCA 74 054311
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
^{180}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{180}Pt	2006WI15	NUCLEAR REACTIONS ^{27}Al(^{98}Ru, ^{98}Ru'), E=289 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{98}Ru deduced transitions B(E2). ^{122}Sn(^{62}Ni, 4n), E=265 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Pt deduced transitions $T_{1/2}$, B(E2). Comparison with previous results, model predictions. JOUR PRVCA 74 024302

A=181

^{181}Hf	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1

A=181 ***(continued)***

	2006WI11	NUCLEAR REACTIONS ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured Eγ, Iγ, capture σ; deduced Maxwellian-averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 045807
^{181}Ta	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006BI14	NUCLEAR MOMENTS ^{180,181}Ta; measured hfs; deduced hyperfine structure coefficients. ^{180m}Ta deduced isomeric state J. Collinear laser spectroscopy. JOUR PRVCA 74 047301
	2006BU19	NUCLEAR REACTIONS ^{176,178,180}Hf(^{3}He, d), E=32 MeV; measured σ(E, θ). ^{177}Hf(^{3}He, d), E = 32 MeV; ^{176,177,178,180}Hf(α, t), E=30 MeV; measured σ(E). ^{177,178,179,181}Ta deduced levels, ℓ-values, spectroscopic strengths, Nilsson band assignments. ^{178}Ta deduced proton separation energy. Enriched targets, magnetic spectrograph. JOUR NUPAB 778 125
	2006PA20	NUCLEAR REACTIONS ^{63}Cu(^{31}P, xnyp), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{181}Ta(^{31}P, ^{31}P'), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{88,89}Nb, ^{181}Ta deduced transitions. INGA array, new background subtraction technique discussed. JOUR NIMAE 562 222
^{181}W	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{181}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{181}Tl	2005CAZU	NUCLEAR REACTIONS ^{92}Mo(^{90}Zr, p), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{181}Tl deduced levels, J, π. Gammasphere array, fragment separator. REPT ANL-05/61,P53,Carpenter
^{181}Pb	2005CAZV	RADIOACTIVITY ^{181}Pb, ^{177}Hg(α) [from ^{92}Mo(^{90}Zr, n) and subsequent decay]; measured Eα, $\alpha\alpha$-, $\alpha\gamma$-coin, T$_{1/2}$. ^{181}Pb deduced ground-state J, π. Gammasphere array, fragment separator. REPT ANL-05/61,P53,Carpenter

A=182

^{182}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{182}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{182}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{182}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{182}Au	2006ZH38	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), E=183 MeV; ^{172}Yb(^{19}F, 5n), E=104 MeV; ^{159}Tb(^{29}Si, 4n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. JOUR IMPEE 15 1437
	2006ZHZZ	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), ^{171}Yb(^{19}F, 4n), ^{159}Tb(^{29}Si, 4n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. REPT JAEA-Review 2006-029,P27,Zhang

A=183

^{183}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1

A=183 ***(continued)***

	2006VO12	RADIOACTIVITY ^{183}Hf(β^-) [from ^{182}Hf(n, γ)]; ^{56}Mn, ^{116m}In, ^{180m}Hf; measured Eγ, Iγ, T$_{1/2}$. Comparisons with previous results. JOUR PRVCA 74 057303
^{183}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
	2006VO12	RADIOACTIVITY ^{183}Hf(β^-) [from ^{182}Hf(n, γ)]; ^{56}Mn, ^{116m}In, ^{180m}Hf; measured Eγ, Iγ, T$_{1/2}$. Comparisons with previous results. JOUR PRVCA 74 057303
^{183}W	2005SU29	NUCLEAR REACTIONS ^{182,183,184,186}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}W deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 734
^{183}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel
	2006NA19	NUCLEAR REACTIONS ^{27}Al(d, X)^{22}Na / ^{24}Na, E $\approx$ 20-40 MeV; Fe(d, X)^{55}Co / ^{56}Co, E $\approx$ 20-40 MeV; Cu(d, X)^{61}Cu / ^{62}Zn, E $\approx$ 20-40 MeV; Ta(d, X)^{178}Ta / ^{180}Ta, E $\approx$ 20-40 MeV; W(d, X)^{181}Re / ^{183}Re, E $\approx$ 20-40 MeV; measured activation σ. JOUR NIMAE 562 785
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{183}Tl	2006AN11	RADIOACTIVITY ^{187}Po, ^{187,187m}Bi, ^{183m}Tl(α) [from ^{144}Sm(^{46}Ti, xnyp) and subsequent decay]; measured Eγ, Eα, T$_{1/2}$; deduced hindrance factors. ^{187}Po, ^{183}Pb, ^{187}Bi, ^{183}Tl deduced levels, J, π, configurations, deformation. JOUR PRVCA 73 044324
^{183}Pb	2006AN11	RADIOACTIVITY ^{187}Po, ^{187,187m}Bi, ^{183m}Tl(α) [from ^{144}Sm(^{46}Ti, xnyp) and subsequent decay]; measured Eγ, Eα, T$_{1/2}$; deduced hindrance factors. ^{187}Po, ^{183}Pb, ^{187}Bi, ^{183}Tl deduced levels, J, π, configurations, deformation. JOUR PRVCA 73 044324

A=184

^{184}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{184}W	2005SU29	NUCLEAR REACTIONS ^{182,183,184,186}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}W deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 734
	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44
	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
^{184}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
^{184}Ir	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{184}Au	2006ZH38	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), E=183 MeV; ^{172}Yb(^{19}F, 5n), E=104 MeV; ^{159}Tb(^{29}Si, 4n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. JOUR IMPEE 15 1437
	2006ZHZZ	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), ^{171}Yb(^{19}F, 4n), ^{159}Tb(^{29}Si, 4n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. REPT JAEA-Review 2006-029,P27,Zhang

A=185

^{185}W	2005SU29	NUCLEAR REACTIONS ^{182,183,184,186}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}W deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 734

A=185 ***(continued)***

	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{185}Os	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=186

^{186}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{186}W	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured T$_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in ZnWO$_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006SHZW	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, 2n^{16}O), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{186,187,188}W deduced transitions. REPT JAEA-Review 2006-029,P36,Shizuma
^{186}Re	2006MU06	NUCLEAR REACTIONS ^{187}Re(γ, n), E=7.65-9.9 MeV bremsstrahlung; measured σ. Comparison with model predictions, astrophysical implications discussed. JOUR PRVCA 73 025804
	2006ST13	NUCLEAR REACTIONS ^{75}As, ^{87}Rb, ^{84}Sr, ^{108}Pd, ^{109}Ag, ^{114}Cd, ^{115}In, ^{127}I, ^{133}Cs, ^{130}Ba, ^{169}Tm, ^{181}Ta, ^{185}Re(n, γ), E=reactor; measured ratio of resonance integral to thermal neutron activation σ, k$_0$ values. Two-channel method, comparison with previous results. JOUR NIMAE 564 669
	2006TA26	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{177}Ta / ^{183}Ta, E $\approx$ 5-35 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 252 160
^{186}Os	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W(2β^-); measured T$_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in ZnWO$_4$ crystal scintillators discussed. JOUR NIMAE 544 553

A=186 *(continued)*

^{186}Ir	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{186}Au	2006ZH38	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), E=183 MeV; ^{172}Yb(^{19}F, 5n), E=104 MeV; ^{159}Tb(^{29}Si, 4n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. JOUR IMPEE 15 1437
	2006ZHZZ	NUCLEAR REACTIONS ^{152}Sm(^{35}Cl, 5n), ^{171}Yb(^{19}F, 4n), ^{159}Tb(^{29}Si, 4n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{182,184,186}Au deduced high-spin levels, J, π, configurations, signature inversion. REPT JAEA-Review 2006-029,P27,Zhang
^{186}Pb	2006GR16	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501
	2006PAZW	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E not given; measured Eγ, Iγ, (recoil)γ-coin; deduced production σ. ^{186}Pb deduced levels, J, π, B(E2). Jurogam array, recoil-decay tagging. CONF Isle of Kos (FINUSTAR),Proc,P529

A=187

^{187}W	2005SU29	NUCLEAR REACTIONS ^{182,183,184,186}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}W deduced two-quantum cascade intensities, level densities, radiative strength functions. JOUR BRSPE 69 734
	2006SHZW	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, 2n^{16}O), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{186,187,188}W deduced transitions. REPT JAEA-Review 2006-029,P36,Shizuma
	2006SZ05	NUCLEAR REACTIONS F(n, X)^{20}F, E=cold; Na(n, X)^{24}Na, E=cold; Mn, Cl(n, X)^{38m}Cl / ^{38}Cl / ^{56}Mn, E=cold; Sc(n, X)^{46}Sc, E=cold; Br(n, X)^{80}Br / ^{82}Br, E=cold; I(n, X)^{127}I, E=cold; Hf(n, X)^{179m}Hf, E=cold; W(n, X)^{187}W, E=cold; Rb(n, X)^{86m}Rb / ^{88}Rb, E=cold; Ag(n, X)^{108}Ag / ^{110}Ag, E=cold; measured partial γ-ray production σ, k_0 factors. Chopped beam. JOUR NIMAE 564 655
^{187}Re	2006AR02	RADIOACTIVITY ^{187}Re(β^-); measured Eγ, Iγ, environmental fine structure; deduced s-wave and p-wave contributions. JOUR PRLTA 96 042503
^{187}Os	2004CH68	NUCLEAR MOMENTS ^{187,189}Os; measured hfs in OsO_4. JOUR CRPOB 5 171

A=187 *(continued)*

	2006AR02	RADIOACTIVITY ^{187}Re(β^-); measured Eγ, Iγ, environmental fine structure; deduced s-wave and p-wave contributions. JOUR PRLTA 96 042503
	2006UT02	NUCLEAR REACTIONS ^{139}La, ^{141}Pr, ^{186}W, ^{187}Re, ^{188}Os(γ, n), E $\approx$ 8-16 MeV; measured photodisintegration σ. JOUR ZAANE 27 s01 153
^{187}Bi	2006AN11	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 2np), E=224 MeV; measured Eγ, Eα, (recoil)α-coin following residual nucleus decay; deduced production σ. Recoil velocity filter. JOUR PRVCA 73 044324
	2006AN11	RADIOACTIVITY ^{187}Po, ^{187,187m}Bi, ^{183m}Tl(α) [from ^{144}Sm(^{46}Ti, xnyp) and subsequent decay]; measured Eγ, Eα, T$_{1/2}$; deduced hindrance factors. ^{187}Po, ^{183}Pb, ^{187}Bi, ^{183}Tl deduced levels, J, π, configurations, deformation. JOUR PRVCA 73 044324
^{187}Po	2006AN11	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 2np), E=224 MeV; measured Eγ, Eα, (recoil)α-coin following residual nucleus decay; deduced production σ. Recoil velocity filter. JOUR PRVCA 73 044324
	2006AN11	RADIOACTIVITY ^{187}Po, ^{187,187m}Bi, ^{183m}Tl(α) [from ^{144}Sm(^{46}Ti, xnyp) and subsequent decay]; measured Eγ, Eα, T$_{1/2}$; deduced hindrance factors. ^{187}Po, ^{183}Pb, ^{187}Bi, ^{183}Tl deduced levels, J, π, configurations, deformation. JOUR PRVCA 73 044324

A=188

^{188}W	2006SH23	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{16}O), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{188}W deduced levels, J, π, configurations. Level systematics in neighboring isotopes discussed. JOUR ZAANE 30 391
	2006SHZW	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, 2n^{16}O), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{186,187,188}W deduced transitions. REPT JAEA-Review 2006-029,P36,Shizuma
^{188}Re	2006LE11	NUCLEAR REACTIONS ^{109}Ag, ^{121}Sb, ^{133}Cs, ^{151,153}Eu, ^{176}Lu, ^{187}Re(n, γ), E=slow; measured Eγ, Iγ; deduced isomeric ratios. CIRENE slowing down assembly, comparison with statistical model. JOUR ZAANE 27 59
^{188}Pt	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{188}Tl	2006MA39	NUCLEAR REACTIONS ^{157}Gd(^{35}Cl, 4n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188}Tl deduced high-spin levels, J, π, configurations, B(M1) / B(E2). JOUR CPLEE 23 1727

A=188 *(continued)*

	2006ZH22	NUCLEAR REACTIONS ^{157}Gd(^{35}Cl, 4n), E=170 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin. ^{188}Tl deduced levels, J, π, configurations, B(M1) / B(E2), configurations, oblate rotational band. Gemini array. JOUR ZAANE 28 271
^{188}Pb	2006GR16	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501
^{188}Bi	2006AN04	RADIOACTIVITY ^{192,192m}At(α) [from ^{144}Sm(^{51}V, 3n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced isomeric states energies, configurations. JOUR PRVCA 73 024317

A=189

^{189}Os	2004CH68	NUCLEAR MOMENTS ^{187,189}Os; measured hfs in OsO_4. JOUR CRPOB 5 171
^{189}Ir	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
^{189}Pt	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=190

^{190}Os	2006ME13	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, σ(E, θ). ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced levels, J, π, configurations. Comparison with interacting boson approximation model predictions. JOUR PYLBB 638 44

A=190 (continued)

	2006ME25	NUCLEAR REACTIONS ^{154,156}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{182,186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(E, \theta)$. ^{152,154}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{180,184}W, ^{190}Os deduced 0^+ level energy distributions. JOUR PRVCA 74 044309
	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
^{190}Ir	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{190}Pt	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, I$\gamma(\theta$, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
^{190}Hg	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610

A=191

^{191}Ir	2006LAZY	RADIOACTIVITY ^{191}Pt(EC) [from ^{190}Pt(n, γ) E=th]; measured Eγ, Iγ. ^{191}Ir transitions deduced energy differences relative to reference. HPGe detectors. CONF Sarov(Nucleus-2006),Contrib,P96,Lashko
^{191}Pt	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
	2006LAZY	RADIOACTIVITY ^{191}Pt(EC) [from ^{190}Pt(n, γ) E=th]; measured Eγ, Iγ. ^{191}Ir transitions deduced energy differences relative to reference. HPGe detectors. CONF Sarov(Nucleus-2006),Contrib,P96,Lashko

A=191 *(continued)*

	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E ≈ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E ≈ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
^{191}Hg	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E ≈ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{191}Pb	2006IOZY	NUCLEAR REACTIONS ^{168,170}Er(^{28}Si, 4n), (^{28}Si, 5n), E=193 MeV; measured Eγ, Iγ(θ, H, t). ^{192,193,194}Pb levels deduced spectroscopic quadrupole moments for high-spin isomeric states. CONF Isle of Kos (FINUSTAR),Proc,P278

A=192

^{192}Os	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
^{192}Ir	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E ≈ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E ≈ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E ≈ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{192}Pt	2005KU42	RADIOACTIVITY ^{181}Hf(β^-); ^{169}Yb(EC); ^{152}Eu, ^{192}Ir(EC), (β^-); measured Eγ, Iγ. ^{181}Ta deduced levels, J, π. JOUR BRSPE 69 722
	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24

A=192 *(continued)*

	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{192}Hg	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{192}Pb	2006IOZY	NUCLEAR REACTIONS ^{168,170}Er(^{28}Si, 4n), (^{28}Si, 5n), E=193 MeV; measured Eγ, Iγ(θ, H, t). ^{192,193,194}Pb levels deduced spectroscopic quadrupole moments for high-spin isomeric states. CONF Isle of Kos (FINUSTAR),Proc,P278
^{192}At	2006AN04	NUCLEAR REACTIONS ^{144}Sm(^{51}V, X), E=230 MeV; measured Eγ, Eα, (recoil)α-, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. JOUR PRVCA 73 024317
	2006AN04	RADIOACTIVITY ^{192,192m}At(α) [from ^{144}Sm(^{51}V, 3n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced isomeric states energies, configurations. JOUR PRVCA 73 024317

A=193

^{193}Ir	2006HA36	RADIOACTIVITY ^{193m}Ir(IT); measured Eγ, Iγ, X-ray spectra; deduced conversion coefficient. ^{134m}Cs, ^{137}Ba; analyzed ICC ratio. Comparison with model predictions. JOUR ARISE 64 1392
^{193}Pt	2005HIZW	NUCLEAR REACTIONS ^{192}Os(α, n), (α, 3n), E $\approx$ 17-28 MeV; measured isomer excitation functions; deduced integral yields. REPT NEA/NSC/DOC(2005)27,P17,Hilgers
	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
^{193}Au	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333

A=193 *(continued)*

^{193}Hg	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{193}Pb	2006IOZY	NUCLEAR REACTIONS ^{168,170}Er(^{28}Si, 4n), (^{28}Si, 5n), E=193 MeV; measured Eγ, Iγ(θ, H, t). ^{192,193,194}Pb levels deduced spectroscopic quadrupole moments for high-spin isomeric states. CONF Isle of Kos (FINUSTAR),Proc,P278

A=194

^{194}Os	2006REZY	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{80}Se), (^{82}Se, ^{82}Se'), (^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80,82,84}Se deduced levels, J, π. GASP array, comparison with shell model predictions. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P464,Regan
^{194}Ir	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
	2006TA14	NUCLEAR REACTIONS Ir(d, xn)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{193m}Pt, E $\approx$ 1-38 MeV; Ir(d, X)^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir / ^{194m}Ir, E $\approx$ 1-38 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 247 210
^{194}Pt	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
^{194}Au	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333

A=194 *(continued)*

	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
^{194}Tl	2006TR05	NUCLEAR REACTIONS ^{181}Ta(^{20}Ne, F)^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{105}Rh / ^{117m}Sn / ^{120}Sb, E=150 MeV; ^{181}Ta(^{20}Ne, F)^{76}As / ^{82}Br / ^{87}Y / ^{90m}Y / ^{91m}Y / ^{89}Zr / ^{96}Nb / ^{99}Mo / ^{103}Ru / ^{105}Rh / ^{111}In / ^{117m}Sn / ^{118}Sb, E=180 MeV; measured fission fragment yields, angular distributions. ^{181}Ta(^{20}Ne, X)^{180}Os / ^{182}Os / ^{185}Os / ^{181}Re / ^{182}Re / ^{183}Re / ^{184}Ir / ^{186}Ir / ^{188}Pt / ^{189}Pt / ^{190}Hg / ^{191m}Hg / ^{192}Hg / ^{193m}Hg / ^{194m}Tl, E=150, 180 MeV; measured evaporation residue production σ, recoil range distributions. JOUR PRVCA 74 014610
^{194}Pb	2005DR11	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, B(E1), B(E2), B(E3), isomer decay features. Caesar array, potential energy surface calculations. JOUR PRVCA 72 064319
	2006IOZY	NUCLEAR REACTIONS ^{168,170}Er(^{28}Si, 4n), (^{28}Si, 5n), E=193 MeV; measured Eγ, I$\gamma(\theta$, H, t). ^{192,193,194}Pb levels deduced spectroscopic quadrupole moments for high-spin isomeric states. CONF Isle of Kos (FINUSTAR),Proc,P278
^{194}Po	2006GR16	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=357 MeV; ^{108}Pd(^{83}Kr, 3n), E=340 MeV; ^{114}Cd(^{83}Kr, 3n), E=375 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186,188}Pb, ^{194}Po levels deduced $T_{1/2}$, B(E2), transition quadrupole moments. configuration-mixing features. Jurogam array, recoil decay tagging, recoil-distance Doppler-shift technique. JOUR PRLTA 97 062501

A=195

^{195}Re	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{195}Os	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{195}Ir	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{195}Pt	2005HIZW	NUCLEAR REACTIONS ^{192}Os(α, n), (α, 3n), E $\approx$ 17-28 MeV; measured isomer excitation functions; deduced integral yields. REPT NEA/NSC/DOC(2005)27,P17,Hilgers

A=195 *(continued)*

	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{195}Au	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006WH02	NUCLEAR REACTIONS ^{198}Pt(^{136}Xe, X)^{195}Au / ^{197}Au, E=850 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{197}Au deduced levels, J, π, configurations, high-spin isomer $T_{1/2}$. ^{195}Au deduced transition. Gammasphere, Chico arrays. JOUR PRVCA 74 027303
^{195}Hg	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006SU06	NUCLEAR REACTIONS Pt(^{3}He, X)^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{196}Au / ^{196m}Au, E=18-35 MeV; Pt(α, xn)^{197}Hg / ^{197m}Hg, E=17-26 MeV; ^{197}Au(p, n), E=6-20 MeV; measured σ, isomer production ratios. Stacked-foil activation, comparison with model predictions. JOUR PRVCA 73 034613

A=196

^{196}Ir	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{196}Pt	2006REZX	NUCLEAR REACTIONS ^{192}Os(^{82}Se, ^{84}Se), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84}Se, ^{190}Os deduced levels, J, π. ^{192}Os(^{82}Se, X)^{74}Ge / ^{76}Ge / ^{78}Ge / ^{80}Ge / ^{82}Ge / ^{192}Pt / ^{194}Pt / ^{196}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray multiplicity. ^{74,76,78,80,82}Ge, ^{192,194,196}Pt deduced levels, J, π. GASP array. CONF San Servolo(Fusion06),Proc,P271
	2006RO37	NUCLEAR REACTIONS ^{12}C, ^{27}Al, ^{56}Fe, ^{197}Au(e, e'p), E=3.3 GeV; measured Ep, angular distributions; deduced transparency, spectral functions. JOUR NPBSE 159 152
^{196}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich

A=196 ***(continued)***

	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
	2006SU06	NUCLEAR REACTIONS Pt(^{3}He, X)^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{196}Au / ^{196m}Au, E=18-35 MeV; Pt(α, xn)^{197}Hg / ^{197m}Hg, E=17-26 MeV; ^{197}Au(p, n), E=6-20 MeV; measured σ, isomer production ratios. Stacked-foil activation, comparison with model predictions. JOUR PRVCA 73 034613
	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
	2006TR09	NUCLEAR REACTIONS ^{197}Au(γ, n)^{196m}Au / ^{196}Au, E $\approx$ 15-25 MeV bremsstrahlung; measured yields; deduced isomeric ratio. Comparison with previous results and model predictions. JOUR FECLA 133 7
^{196}Hg	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
^{196}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
^{196}Pb	2005DR11	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, B(E1), B(E2), B(E3), isomer decay features. Caesar array, potential energy surface calculations. JOUR PRVCA 72 064319

A=197

^{197}Pt	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{197}Au	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305
	2006DA08	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503
	2006DAZZ	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006
	2006KA01	NUCLEAR REACTIONS ^{197}Au(^{6}He, ^{6}He), E=27 MeV; measured quasi-elastic $\sigma(\theta)$; ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; analyzed elastic $\sigma(\theta)$; deduced optical model parameters, role of Coulomb dipole polarisability, reaction mechanism features. JOUR NUPAB 765 294
	2006KI12	NUCLEAR REACTIONS ^{197}Au(X-ray, X-ray), E $\approx$ 80 keV; measured X-ray spectra. ^{197}Au deduced nuclear excitation by electron transition. JOUR PRVCA 74 031301
	2006ST21	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRVCA 74 054307
	2006STZY	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0609033,9/21/2006
	2006VAZW	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}Sn'), (^{112}Sn, ^{112}Sn'), E $\approx$ 80 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{106,108,110,112}Sn deduced transitions B(E2). Comparison with shell model predictions. PREPRINT nucl-ex/0612011,12/08/2006
	2006WH02	NUCLEAR REACTIONS ^{198}Pt(^{136}Xe, X)^{195}Au / ^{197}Au, E=850 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{197}Au deduced levels, J, π, configurations, high-spin isomer $T_{1/2}$. ^{195}Au deduced transition. Gammasphere, Chico arrays. JOUR PRVCA 74 027303
^{197}Hg	2005QAZZ	NUCLEAR REACTIONS Pt(α, xn)^{197}Hg / ^{197m}Hg, E $\approx$ 18-26 MeV; ^{198}Hg(n, 2n), E $\approx$ 10-15 MeV; measured isomer production σ ratios. Comparison with previous results and model predictions. REPT NEA/NSC/DOC(2005)27,P11,Qaim

A=197 *(continued)*

	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006SU06	NUCLEAR REACTIONS Pt(^{3}He, X)^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{196}Au / ^{196m}Au, E=18-35 MeV; Pt(α, xn)^{197}Hg / ^{197m}Hg, E=17-26 MeV; ^{197}Au(p, n), E=6-20 MeV; measured σ, isomer production ratios. Stacked-foil activation, comparison with model predictions. JOUR PRVCA 73 034613
^{197}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich

A=198

^{198}Ir	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{198}Pt	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{198}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608

A=198 *(continued)*

	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
	2006KRZU	NUCLEAR REACTIONS ^{197}Au(n, γ), E=thermal, 10-100 keV; measured Eγ, sum-energy spectra; deduced anomalous behavior. CONF Isle of Kos (FINUSTAR),Proc,P481
	2006KRZX	NUCLEAR REACTIONS ^{197}Au(n, γ), E=thermal, 90-100 keV; measured Eγ, Iγ; deduced upper limit for pygmy resonance production σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P563,Krticka
	2006NO10	RADIOACTIVITY ^{198}Au(β^-); measured T$_{1/2}$, decay characteristics; deduced no deviation from exponential decay. JOUR NIMAE 566 477
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
^{198}Hg	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
	2006NO10	RADIOACTIVITY ^{198}Au(β^-); measured T$_{1/2}$, decay characteristics; deduced no deviation from exponential decay. JOUR NIMAE 566 477
^{198}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006KUZX	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, n), (α, 2n), (α, 3n), E=14-36 MeV; measured excitation functions. Activation technique, comparison with model predictions. REPT JINR-P7-2006-14,Kulko
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich

A=199

^{199}Os	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto

A=199 ***(continued)***

	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{199}Ir	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{199}Au	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
^{199}Hg	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
^{199}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006ASZZ	NUCLEAR REACTIONS ^{203}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n) E $<$ 50 MeV; measured Eγ, Iγ; deduced relative yields. Microtron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P142,Asanov
	2006FOZY	NUCLEAR REACTIONS ^{203}Tl(n, xn), E=0.6-250 MeV; measured prompt and delayed Eγ, Iγ. ^{199,200,201,202}Tl deduced isomeric states $T_{1/2}$. ^{203}Tl deduced isomeric state excitation energy, $T_{1/2}$ upper limit. Geanie array. JOUR BAPSA 51 90,GC8,Fotiades
	2006KUZX	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, n), (α, 2n), (α, 3n), E=14-36 MeV; measured excitation functions. Activation technique, comparison with model predictions. REPT JINR-P7-2006-14,Kulko
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich

A=199 *(continued)*

	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801

A=200

^{200}Os	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{200}Ir	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{200}Au	2006HE24	NUCLEAR REACTIONS Pt(α, X)^{191}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{195}Hg / ^{195m}Hg / ^{197}Hg / ^{197m}Hg / ^{199m}Hg / ^{193}Au / ^{194}Au / ^{195}Au / ^{195m}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{198m}Au / ^{199m}Au / ^{200m}Au, E $\approx$ 13-38 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. JOUR NIMBE 251 333
^{200}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006ASZZ	NUCLEAR REACTIONS ^{203}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n) E $<$ 50 MeV; measured Eγ, Iγ; deduced relative yields. Microtron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P142,Asanov
	2006FOZY	NUCLEAR REACTIONS ^{203}Tl(n, xn), E=0.6-250 MeV; measured prompt and delayed Eγ, Iγ. ^{199,200,201,202}Tl deduced isomeric states $T_{1/2}$. ^{203}Tl deduced isomeric state excitation energy, $T_{1/2}$ upper limit. Geanie array. JOUR BAPSA 51 90,GC8,Fotiades
	2006KUZX	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, n), (α, 2n), (α, 3n), E=14-36 MeV; measured excitation functions. Activation technique, comparison with model predictions. REPT JINR-P7-2006-14,Kulko
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
	2006SI18	NUCLEAR REACTIONS ^{60,61}Ni, ^{93}Nb, ^{121,122}Sb, ^{130}Te(p, n), E $\approx$ 4-20 MeV; ^{63,65}Cu, ^{93}Nb, ^{121,123}Sb, ^{197}Au(α, n), E $\approx$ 5-45 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR NIMAE 562 717

A=200 *(continued)*

	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801

A=201

^{201}Tl	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006ASZZ	NUCLEAR REACTIONS ^{203}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n) E $<$ 50 MeV; measured Eγ, Iγ; deduced relative yields. Microtron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P142,Asanov
	2006FOZY	NUCLEAR REACTIONS ^{203}Tl(n, xn), E=0.6-250 MeV; measured prompt and delayed Eγ, Iγ. ^{199,200,201,202}Tl deduced isomeric states $T_{1/2}$. ^{203}Tl deduced isomeric state excitation energy, $T_{1/2}$ upper limit. Geanie array. JOUR BAPSA 51 90,GC8,Fotiades
	2006KUZX	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, n), (α, 2n), (α, 3n), E=14-36 MeV; measured excitation functions. Activation technique, comparison with model predictions. REPT JINR-P7-2006-14,Kulko
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich

A=202

^{202}Tl	2006ASZZ	NUCLEAR REACTIONS ^{203}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n) E $<$ 50 MeV; measured Eγ, Iγ; deduced relative yields. Microtron, HPGe detector. CONF Sarov(Nucleus-2006),Contrib,P142,Asanov
	2006FOZY	NUCLEAR REACTIONS ^{203}Tl(n, xn), E=0.6-250 MeV; measured prompt and delayed Eγ, Iγ. ^{199,200,201,202}Tl deduced isomeric states $T_{1/2}$. ^{203}Tl deduced isomeric state excitation energy, $T_{1/2}$ upper limit. Geanie array. JOUR BAPSA 51 90,GC8,Fotiades

A=203

^{203}Pt	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto

A=203 *(continued)*

	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{203}Au	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{203}Hg	2006AL14	NUCLEAR REACTIONS ^{196,198,204}Hg(n, 2n), ^{198,199}Hg(n, p), E=7.6-12.5 MeV; measured excitation functions, isomer ratios. Activation technique, comparison with previous results and model predictions. JOUR PRVCA 73 064608
	2006DA20	RADIOACTIVITY ^{54}Mn, ^{125}I, ^{203}Hg; measured Eγ, Iγ; deduced photon emission probabilities. JOUR ARISE 64 1440
^{203}Tl	2006FOZY	NUCLEAR REACTIONS ^{203}Tl(n, xn), E=0.6-250 MeV; measured prompt and delayed Eγ, Iγ. ^{199,200,201,202}Tl deduced isomeric states $T_{1/2}$. ^{203}Tl deduced isomeric state excitation energy, $T_{1/2}$ upper limit. Geanie array. JOUR BAPSA 51 90,GC8,Fotiades
^{203}Pb	2006TI06	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E $\approx$ 40-2600 MeV; measured excitation functions. Comparison with previous results and model predictions. JOUR NIMAE 562 801
^{203}At	2006RA14	NUCLEAR REACTIONS ^{175}Lu(^{28}Si, nX), (^{28}Si, pX), (^{28}Si, αX), E=159 MeV; measured prescission neutron, proton, and α multiplicities, σ(E, θ). ^{203}At deduced fission time scale. Deformation dependent particle binding energies and transmission co-efficients, dynamical effects. JOUR PRVCA 73 064609

A=204

No references found

A=205

^{205}Pb	2006DOZY	NUCLEAR REACTIONS ^{204}Pb(n, γ), E=0.001-440 keV; measured capture σ; deduced resonance parameters. PREPRINT nucl-ex/0610033,10/24/2006
	2006DOZZ	NUCLEAR REACTIONS ^{204,206}Pb(n, γ), E=low; measured capture σ; deduced resonance features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P288
^{205}At	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=206

^{206}Pb	2006LE14	RADIOACTIVITY ^{210}Po(α) [from ^{209}Bi(n, γ)^{210}Bi(β^-)]; measured Eα, Eγ. ^{206}Pb deduced transition. JOUR ANEND 33 377

A=206 *(continued)*

^{206}At	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{206}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{206}Fr	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=207

^{207}Tl	2006HA50	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=200 MeV; measured Ep, Eα, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; measured En, Eα. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced branching ratios for particle decay of isoscalar GDR. Comparison with model predictions. JOUR IMPEE 15 1357
	2006HUZY	NUCLEAR REACTIONS ^{90}Zr, ^{208}Pb(α, α'p), E=200 MeV; measured Ep. ^{90}Zr deduced isoscalar GDR proton decay features. REPT ATOMKI 2005 Annual,P21,Hunyadi
	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{207}Pb	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
	2006BEZZ	NUCLEAR REACTIONS ^{206}Pb(n, γ), E=cold; measured Eγ, Iγ. ^{207}Pb deduced transition intensities.^{127,129}I(n, γ), E=cold; measured Eγ; deduced thermal σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P300,Belgya
	2006DOZZ	NUCLEAR REACTIONS ^{204,206}Pb(n, γ), E=low; measured capture σ; deduced resonance features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P288
	2006HA50	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=200 MeV; measured Ep, Eα, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; measured En, Eα. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced branching ratios for particle decay of isoscalar GDR. Comparison with model predictions. JOUR IMPEE 15 1357
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{207}Bi	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev

A=207 *(continued)*

^{207}Rn	2006PO10	NUCLEAR REACTIONS ^{164}Dy(^{48}Ca, 5n), E not given; measured Eγ, Iγ, (particle)γ-coin. JOUR PANUE 69 1183
^{207}Fr	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{207}Ra	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=208

^{208}Tl	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{208}Pb	2003WI18	NUCLEAR REACTIONS ^{208}Pb(^{56}Fe, ^{56}Fe'), E=240 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Gamma-ray tracking technique. JOUR BJPHE 33 206
	2005MB12	NUCLEAR REACTIONS ^{12}C(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=63 MeV; measured $\sigma(\theta)$; deduced optical model parameters. ^{12}C, ^{16}O, ^{24}Mg, ^{28}Si, ^{40}Ca, ^{60}Ni, ^{90}Zr, ^{124}Sn, ^{208}Pb(^{6}Li, ^{6}Li), E $\approx$ 50-90 MeV; calculated $\sigma(\theta)$. JOUR BRSPE 69 1761
	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
	2006BE18	NUCLEAR REACTIONS ^{26}Mg, ^{48}Ti, ^{208}Pb(^{78}Kr, ^{78}Kr'), E=180, 200, 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78}Kr deduced levels, J, π, B(E2), B(M1), quadrupole moments, deformation parameters. Comparison with model predictions. JOUR NUPAB 770 107
	2006DO25	NUCLEAR REACTIONS ^{207}Pb(n, γ), E=3-320 keV; measured σ; deduced resonance parameters, Maxwellian averaged σ. Comparison with previous results. JOUR PRVCA 74 055802
	2006DOZX	NUCLEAR REACTIONS ^{207}Pb(n, γ), E=3-320 keV; measured σ; deduced resonance parameters, Maxwellian averaged σ. PREPRINT nucl-ex/0610039,10/26/2006
	2006HA50	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=200 MeV; measured Ep, Eα, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; measured En, Eα. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced branching ratios for particle decay of isoscalar GDR. Comparison with model predictions. JOUR IMPEE 15 1357

A=208 ***(continued)***

	2006HAZV	NUCLEAR REACTIONS ^{208}Pb(^{6}Li, dα), E=150 MeV / nucleon; measured deuteron and α spectra, angular distributions. ^{2}H(α, γ), E(cm) $\approx$ 0-1.5 MeV; deduced astrophysical S-factors. CONF Isle of Kos (FINUSTAR),Proc,P21
	2006HE21	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.92-17.48 MeV; measured Ep, σ(E, θ). ^{207}Pb(d, p), E=22 MeV; measured Ed, σ(E, θ). ^{208}Pb deduced levels, J, π, configurations. JOUR PRVCA 74 034303
	2006HEZR	NUCLEAR REACTIONS ^{207}Pb(d, p), E*=5.2-5.7 MeV; measured Ep, $\sigma(\theta)$. ^{208}Pb deduced 0^- states level energies, spectroscopic factors, mixing strength. PREPRINT nucl-ex/0611013,11/10/2006
	2006HEZZ	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.92-17.48 MeV; ^{207}Pb(d, p), E=22 MeV; measured Ep, $\sigma(\theta)$. ^{208}Pb deduced IAR states energies, neutron particle-hole configurations. PREPRINT nucl-ex/0601016,1/11/2006
	2006KA01	NUCLEAR REACTIONS ^{197}Au(^{6}He, ^{6}He), E=27 MeV; measured quasi-elastic $\sigma(\theta)$; ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; analyzed elastic $\sigma(\theta)$; deduced optical model parameters, role of Coulomb dipole polarisability, reaction mechanism features. JOUR NUPAB 765 294
	2006PE13	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2), enhanced core polarization. JOUR PRLTA 96 232501
	2006SC04	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. JOUR PRVCA 73 015806
	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
	2006TOZX	NUCLEAR REACTIONS ^{208}Pb(^{102}Ru, ^{102}Ru'), E=440 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{102}Ru deduced levels, J, π. Gemini-II array. REPT JAEA-Review 2006-029,P25,Toh
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
	2006URZZ	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X), E=560 MeV; measured fragments isotopic yields following multinucleon transfer, velocity distributions, Eγ, Iγ. ^{208}Pb(^{90}Zr, ^{90}Zr), E=560 MeV; measured $\sigma(\theta)$. ^{92}Zr deduced transitions. CONF San Servolo(Fusion06),Proc,P43
	2006WA17	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=141 MeV; ^{208}Pb(^{17}O, ^{17}O), E=128 MeV; measured $\sigma(\theta)$; deduced possible halo effects. JOUR CPLEE 23 1731
	2006ZH12	NUCLEAR REACTIONS ^{208}Pb(^{6}Li, ^{6}Li), E=25-46 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters, effects of coupling to breakup channel. JOUR CPLEE 23 1146
^{208}Bi	2006BO08	NUCLEAR REACTIONS ^{208}Pb(p, n), E=9.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Bi deduced levels, J, π, transition multipolarities. Comparison with shell-model predictions. JOUR NUPAB 768 22

A=208 *(continued)*

^{208}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307
^{208}Fr	2006POZX	NUCLEAR REACTIONS Be(^{238}U, X), E=900 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (recoil)γ-, $\gamma\gamma$-coin. ^{208}Fr, ^{211}Ra, ^{216}Ac deduced levels, J, π, isomeric states $T_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P114
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390
^{208}Ra	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{208}Th	2006KU07	NUCLEAR REACTIONS Be(^{238}U, X), E=1 GeV / nucleon; measured Th and Pa fragments isotopic production σ; deduced evidence for ^{208}Th, ^{211}Pa. Comparison with previous results and model predictions. JOUR NUPAB 767 1

A=209

^{209}Tl	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
^{209}Pb	2005VAZY	RADIOACTIVITY ^{208,209}Tl(β^-); ^{44}Sc, ^{207}Bi(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{44}Ca, ^{207,208,209}Pb deduced transition intensities. REPT JINR-P13-2005-84,Vasiliev
	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{209}Bi	2006GLZZ	NUCLEAR REACTIONS ^{209}Bi(^{11}Be, ^{11}Be), (^{11}Be, 2n^{9}Be), E=40 MeV; measured elastic and quasi-elastic $\sigma(\theta)$. CONF San Servolo(Fusion06),Proc,P108
	2006LI05	NUCLEAR REACTIONS ^{208}Pb(p, γ), E $\approx$ 11-17 MeV; measured Eγ, Iγ; deduced excitation functions. Afrodite array. JOUR NIMAE 557 523

A=209 *(continued)*

	2006LI17	NUCLEAR REACTIONS ^{208}Pb(p, γ), E=14.8, 15.7, 16.9 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. Afrodite array. Comparison with model predictions. JOUR PRVCA 73 044609
	2006MA51	NUCLEAR REACTIONS ^{209}Bi(^{11}Be, ^{11}Be), E=40 MeV; measured quasielastic σ, $\sigma(\theta)$. Discussed halo structure reaction mechanism features. Comparison with optical model, similar systems. EXODET array. JOUR ZAANE 28 295
	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{209}At	2006TAZX	RADIOACTIVITY ^{209}Rn(EC) [from ^{197}Au(^{16}O, 4n) and subsequent decay]; measured Eγ, Iγ, anisotropy following decay of polarized source. ^{209}At transitions deduced limits on mixing ratios. PREPRINT nucl-ex/0612006,12/07/2006
^{209}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006TAZX	RADIOACTIVITY ^{209}Rn(EC) [from ^{197}Au(^{16}O, 4n) and subsequent decay]; measured Eγ, Iγ, anisotropy following decay of polarized source. ^{209}At transitions deduced limits on mixing ratios. PREPRINT nucl-ex/0612006,12/07/2006
^{209}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390

A=210

^{210}Pb	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{210}Bi	2006BOZX	NUCLEAR REACTIONS ^{209}Bi(n, X), (n, γ), E $\approx$ 0-40 keV; measured total and capture σ; deduced resonance parameters. CONF Vancouver(PHYSOR-2006),B043,Borella

A=210 ***(continued)***

	2006BOZY	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=0.5-20 keV; measured Eγ, Iγ; deduced resonance features. CONF Vancouver(PHYSOR-2006),B042,Borella
	2006DO20	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=0.8-23.15 keV; measured capture σ; deduced resonance parameters, Maxwellian averaged σ. JOUR PRVCA 74 025807
	2006DOZW	NUCLEAR REACTIONS ^{209}Bi(n, γ), E $\approx$ 0.8-23 keV; measured σ; deduced resonance parameters, Maxwellian averaged σ. PREPRINT nucl-ex/0610040,10/26/2006
	2006LE14	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=thermal; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 377
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{210}Po	2005PEZV	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-26 MeV; ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E=15-70 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E=20-60 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2005-106,Penionzhkevich
	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006LE14	RADIOACTIVITY ^{210}Po(α) [from ^{209}Bi(n, γ)^{210}Bi(β^-)]; measured Eα, Eγ. ^{206}Pb deduced transition. JOUR ANEND 33 377
	2006PE10	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E(cm) $\approx$ 10-25 MeV; measured production σ; deduced sequential fusion mechanism for sub-barrier enhancement. JOUR PRLTA 96 162701
	2006PEZW	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 10-60 MeV; measured excitation functions. REPT JINR-E7-2006-75,Penionzhkevich
^{210}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{210}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390

A=210 *(continued)*

^{210}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006HA17	RADIOACTIVITY ^{210,211,212}Ra(IT) [from ^{174}Yb(^{40}Ar, xn)]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$. ^{210,211,212}Ra deduced levels, J, π, T$_{1/2}$. Recoil separator. JOUR NIMAE 560 388
	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states T$_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006
^{210}Ac	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{210}Th	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006

A=211

^{211}Pb	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{211}Bi	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{211}Po	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{211}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390

A=211 *(continued)*

^{211}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006HA17	RADIOACTIVITY ^{210,211,212}Ra(IT) [from ^{174}Yb(^{40}Ar, xn)]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$. ^{210,211,212}Ra deduced levels, J, π, T$_{1/2}$. Recoil separator. JOUR NIMAE 560 388
	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states T$_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006
	2006POZX	NUCLEAR REACTIONS Be(^{238}U, X), E=900 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (recoil)γ-, $\gamma\gamma$-coin. ^{208}Fr, ^{211}Ra, ^{216}Ac deduced levels, J, π, isomeric states T$_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P114
^{211}Ac	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{211}Th	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{211}Pa	2006KU07	NUCLEAR REACTIONS Be(^{238}U, X), E=1 GeV / nucleon; measured Th and Pa fragments isotopic production σ; deduced evidence for ^{208}Th, ^{211}Pa. Comparison with previous results and model predictions. JOUR NUPAB 767 1

A=212

^{212}Pb	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{212}Bi	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{212}Po	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{212}Fr	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203

A=212 *(continued)*

^{212}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006HA17	RADIOACTIVITY ^{210,211,212}Ra(IT) [from ^{174}Yb(^{40}Ar, xn)]; measured Eγ, Iγ, $\gamma\gamma$-coin, T$_{1/2}$. ^{210,211,212}Ra deduced levels, J, π, T$_{1/2}$. Recoil separator. JOUR NIMAE 560 388
	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states T$_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006

A=213

^{213}Pb	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{213}Bi	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{213}Po	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, T$_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{213}Fr	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{213}Ra	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{213}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{213}Th	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006

A=214

^{214}Pb	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Bi	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Po	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Ra	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{214}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{214}Th	2006LEZR	RADIOACTIVITY ^{218,218m,219}U(α) [from ^{182}W(^{40}Ar, xn)]; measured Eα, $T_{1/2}$. ^{218}U deduced isomeric state J, π. CONF Isle of Kos (FINUSTAR),Proc,P487
	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006

A=215

^{215}Bi	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{215}Po	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=215 *(continued)*

	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
^{215}Ra	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{215}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{215}Th	2006LEZR	RADIOACTIVITY ^{218,218m,219}U(α) [from ^{182}W(^{40}Ar, xn)]; measured Eα, $T_{1/2}$. ^{218}U deduced isomeric state J, π. CONF Isle of Kos (FINUSTAR),Proc,P487

A=216

^{216}Po	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{216}Rn	2006DE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, 2n2α), E=91-93 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{216}Rn deduced high-spin levels, J, π, configurations, B(E1) / B(E2), octupole collectivity. GASP, ISIS arrays. JOUR PRVCA 73 024314
^{216}Ra	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316
^{216}Ac	2006POZX	NUCLEAR REACTIONS Be(^{238}U, X), E=900 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (recoil)γ-, $\gamma\gamma$-coin. ^{208}Fr, ^{211}Ra, ^{216}Ac deduced levels, J, π, isomeric states $T_{1/2}$. CONF Isle of Kos (FINUSTAR),Proc,P114
^{216}Th	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=217

^{217}Po	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{217}At	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{217}Fr	2006HO03	NUCLEAR REACTIONS ^{207,208}Pb, ^{209}Bi(^{18}O, 2nα), (^{18}O, 3nα), (^{18}O, n2α), ^{208}Pb, ^{209}Bi(^{18}O, 2n2α), E $\approx$ 90-94 MeV; measured Eγ, Eα, $\alpha\gamma$-coin, angular distributions and correlations; deduced reaction mechanism features. GASP array. JOUR PRVCA 73 044604
^{217}Th	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{217}Pa	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=218

^{218}Fr	2006HO03	NUCLEAR REACTIONS ^{207,208}Pb, ^{209}Bi(^{18}O, 2nα), (^{18}O, 3nα), (^{18}O, n2α), ^{208}Pb, ^{209}Bi(^{18}O, 2n2α), E $\approx$ 90-94 MeV; measured Eγ, Eα, $\alpha\gamma$-coin, angular distributions and correlations; deduced reaction mechanism features. GASP array. JOUR PRVCA 73 044604
^{218}Th	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{218}U	2006LEZR	RADIOACTIVITY ^{218,218m,219}U(α) [from ^{182}W(^{40}Ar, xn)]; measured Eα, $T_{1/2}$. ^{218}U deduced isomeric state J, π. CONF Isle of Kos (FINUSTAR),Proc,P487

A=219

^{219}At	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{219}Rn	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=219 *(continued)*

^{219}Th	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316
^{219}U	2006LEZR	RADIOACTIVITY ^{218,218m,219}U(α) [from ^{182}W(^{40}Ar, xn)]; measured Eα, $T_{1/2}$. ^{218}U deduced isomeric state J, π. CONF Isle of Kos (FINUSTAR),Proc,P487

A=220

^{220}Rn	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{220}Ac	2006HO03	NUCLEAR REACTIONS ^{207,208}Pb, ^{209}Bi(^{18}O, 2nα), (^{18}O, 3nα), (^{18}O, n2α), ^{208}Pb, ^{209}Bi(^{18}O, 2n2α), E $\approx$ 90-94 MeV; measured Eγ, Eα, $\alpha\gamma$-coin, angular distributions and correlations; deduced reaction mechanism features. GASP array. JOUR PRVCA 73 044604
^{220}Th	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured $T_{1/2}$. JOUR PRVCA 74 014316
	2006RE15	NUCLEAR REACTIONS ^{198}Pt(^{26}Mg, 4n), E=128 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{220}Th deduced high-spin levels, J, π, B(E1) / B(E2). Gammasphere array. JOUR PRVCA 74 044305

A=221

^{221}Rn	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{221}Fr	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{221}Ac	2006HO03	NUCLEAR REACTIONS ^{207,208}Pb, ^{209}Bi(^{18}O, 2nα), (^{18}O, 3nα), (^{18}O, n2α), ^{208}Pb, ^{209}Bi(^{18}O, 2n2α), E $\approx$ 90-94 MeV; measured Eγ, Eα, $\alpha\gamma$-coin, angular distributions and correlations; deduced reaction mechanism features. GASP array. JOUR PRVCA 73 044604

A=222

^{222}Rn	2006KU02	RADIOACTIVITY ^{226}Ra(α); measured Eα, (electron)α-coin, electron yields following interaction of α particles with various targets. JOUR UKPJA 51 5

A=222 (continued)

	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209

A=223

^{223}Fr	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{223}Ra	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=224

^{224}Ra	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=225

^{225}Ra	2005KI25	RADIOACTIVITY ^{229}Th(α) [from ^{232}Th(γ, 2np)]; measured Eα, Iα; deduced possible isomeric state decay. JOUR RAACA 93 507
	2005KIZR	RADIOACTIVITY ^{229,229m}Th(α) [from ^{232}Th(γ, 2np) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR KKYHB 38 25
	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{225}Ac	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=226

^{226}Ra	2006KU02	RADIOACTIVITY ^{226}Ra(α); measured Eα, (electron)α-coin, electron yields following interaction of α particles with various targets. JOUR UKPJA 51 5
	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209

A=227

^{227}Ac	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006
^{227}Th	2006STZX	RADIOACTIVITY ^{227}Th, ^{225,227}Ac, ^{224,225}Ra, ^{221,223}Fr, ^{219,220,221}Rn, ^{217,219}At, ^{212,213,215,216,217}Po, ^{211,212}Bi(α); measured Eα, γ-ray anisotropy, $T_{1/2}$ for sources implanted in metals. PREPRINT nucl-ex/0611041,11/29/2006

A=228

^{228}Fr	2006LI59	ATOMIC MASSES ^{235}Ac, ^{228m}Fr; measured mass, $T_{1/2}$. Stored beams, Schottky mass spectrometry. JOUR IMPEE 15 1645
^{228}Ra	2006XU10	RADIOACTIVITY ^{228}Ra(β^-); measured β-delayed fission fragment tracks. ^{228}Ac deduced β-delayed fission probability. Radiochemical separation, mica foils. JOUR PRVCA 74 047303
^{228}Ac	2006XU10	RADIOACTIVITY ^{228}Ra(β^-); measured β-delayed fission fragment tracks. ^{228}Ac deduced β-delayed fission probability. Radiochemical separation, mica foils. JOUR PRVCA 74 047303

A=229

^{229}Ac	2006RU07	RADIOACTIVITY ^{229}Ac(β^-) [from ^{238}U(p, X) and subsequent decay]; measured prompt and delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{229}Th deduced levels, J, π, $T_{1/2}$, transition probabilities, rotational band features. Potential energy surface calculations, quasiparticle-plus-phonon model calculations. JOUR PRVCA 73 044326
^{229}Th	2005GA63	NUCLEAR REACTIONS ^{229}Th(γ, γ'), E=8.2 MeV bremsstrahlung; measured prompt and delayed Eγ, Iγ; deduced no light emission from isomer decay. JOUR BRSPE 69 1857
	2005KA58	RADIOACTIVITY ^{229m}Th(IT) [from ^{233}U(α)]; measured Eγ, Iγ; deduced $T_{1/2}$ limits for isomer decay. JOUR RAACA 93 511
	2005KAZT	RADIOACTIVITY ^{229m}Th [from ^{233}U decay]; measured Iγ, $T_{1/2}$ limits. Chemical separation. JOUR KKYHB 38 32
	2005KI25	RADIOACTIVITY ^{229}Th(α) [from ^{232}Th(γ, 2np)]; measured Eα, Iα; deduced possible isomeric state decay. JOUR RAACA 93 507
	2005KIZR	RADIOACTIVITY ^{229,229m}Th(α) [from ^{232}Th(γ, 2np) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR KKYHB 38 25
	2006RU07	RADIOACTIVITY ^{229}Ac(β^-) [from ^{238}U(p, X) and subsequent decay]; measured prompt and delayed Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{229}Th deduced levels, J, π, $T_{1/2}$, transition probabilities, rotational band features. Potential energy surface calculations, quasiparticle-plus-phonon model calculations. JOUR PRVCA 73 044326
	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209

A=230

^{230}Th	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{230}Pa	2006CSZX	NUCLEAR REACTIONS ^{231}Pa(d, p), (d, t), E=12 MeV; measured triton and proton spectra. ^{230,232}Pa deduced excited states. REPT MLL 2005 Annual, P17,Csatlos

A=231

^{231}Ra	2006BO33	RADIOACTIVITY ^{231}Ra(β^-) [from U(p, X)]; measured Eγ, Iγ, T$_{1/2}$. JOUR PHSTB T125 180
^{231}Ac	2006BO33	RADIOACTIVITY ^{231}Ra(β^-) [from U(p, X)]; measured Eγ, Iγ, T$_{1/2}$. JOUR PHSTB T125 180
^{231}Th	2006AL28	RADIOACTIVITY ^{235}U(α); ^{234}Th, ^{234,234m}Pa(β^-); measured Eγ, Iγ; deduced absolute intensities. JOUR NIMAE 568 734

A=232

^{232}Pa	2006CSZX	NUCLEAR REACTIONS ^{231}Pa(d, p), (d, t), E=12 MeV; measured triton and proton spectra. ^{230,232}Pa deduced excited states. REPT MLL 2005 Annual, P17,Csatlos
	2006CSZZ	NUCLEAR REACTIONS ^{231}Pa(d, p), E=12 MeV; measured Ep, σ(E, θ=140°). ^{232}Pa deduced levels. REPT ATOMKI 2005 Annual,P22,Csatlos
^{232}U	2006CSZW	NUCLEAR REACTIONS ^{231}Pa(^{3}He, dF), E=38.1 MeV; measured deuteron and fission fragment spectra. ^{232}U deduced fission probability vs excitation energy. REPT MLL 2005 Annual, P18,Csatlos

A=233

^{233}Th	2006AE01	NUCLEAR REACTIONS ^{232}Th(n, γ), E=0.001-1000 keV; measured capture σ; deduced resonance parameters. JOUR PRVCA 73 054610
	2006BO04	NUCLEAR REACTIONS ^{232}Th(n, γ), E=4-140 keV; measured capture σ; deduced average resonance parameters. Comparison with previous results. JOUR NSENA 152 1
^{233}Pa	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209
^{233}U	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209

A=234

^{234}Th	2006AL28	RADIOACTIVITY ^{235}U(α); ^{234}Th, ^{234,234m}Pa(β^-); measured Eγ, Iγ; deduced absolute intensities. JOUR NIMAE 568 734

A=234 *(continued)*

^{234}Pa	2006AL28	RADIOACTIVITY ^{235}U(α); ^{234}Th, ^{234,234m}Pa(β^-); measured Eγ, Iγ; deduced absolute intensities. JOUR NIMAE 568 734
	2006BO20	NUCLEAR REACTIONS ^{232}Th(^{3}He, p), E=24 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{234}Pa deduced γ-ray emission probabilities. ^{233}Pa(n, γ), E=100-900 keV; deduced capture σ. Comparison with model predictions. JOUR NUPAB 775 175
^{234}U	2006AL28	RADIOACTIVITY ^{235}U(α); ^{234}Th, ^{234,234m}Pa(β^-); measured Eγ, Iγ; deduced absolute intensities. JOUR NIMAE 568 734
	2006HA20	RADIOACTIVITY ^{238}Pu(α); measured Eα. JOUR ARISE 64 864
	2006KRZY	NUCLEAR REACTIONS ^{233}U(d, pF), E=12 MeV; ^{235}U(d, pF), E=9.73 MeV; measured Ep, fission fragment spectra; deduced fission probability vs excitation energy. ^{234,236}U deduced hyperdeformed rotational bands, fission barrier features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P439
^{234}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377
^{234}Pu	2006AS03	RADIOACTIVITY ^{238}Cm(α) [from ^{237}Np(^{6}Li, 5n)]; measured Eα, $T_{1/2}$. ^{234}Pu deduced 2^+ excited state energy. Systematics of 2^+ levels discussed. JOUR PRVCA 73 067301

A=235

^{235}Ac	2006LI59	ATOMIC MASSES ^{235}Ac, ^{228m}Fr; measured mass, $T_{1/2}$. Stored beams, Schottky mass spectrometry. JOUR IMPEE 15 1645
^{235}U	2006AL28	RADIOACTIVITY ^{235}U(α); ^{234}Th, ^{234,234m}Pa(β^-); measured Eγ, Iγ; deduced absolute intensities. JOUR NIMAE 568 734
	2006DRZX	NUCLEAR REACTIONS ^{234}U(n, γ), E $\approx$ 0-1.5 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C032,Dridi
	2006RUZZ	NUCLEAR REACTIONS ^{234,236}U(n, γ), E $\approx$ 0-500 keV; measured capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P312,Rundberg
^{235}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377

A=236

^{236}U	2006CSZV	NUCLEAR REACTIONS ^{235}U(d, pF), E=13 MeV; measured Ep, fission fragment spectra. ^{236}U deduced fission probability vs excitation energy, hyperdeformed transmission resonances. REPT MLL 2005 Annual, P19,Csige
	2006CSZY	NUCLEAR REACTIONS ^{235}U(d, pF), E=13 MeV; measured Ep, fission fragments angular distributions; deduced rotational parameter. ^{236}U deduced fission resonance features. REPT ATOMKI 2005 Annual,P23,Csige

A=236 *(continued)*

	2006KRZY	NUCLEAR REACTIONS ^{233}U(d, pF), E=12 MeV; ^{235}U(d, pF), E=9.73 MeV; measured Ep, fission fragment spectra; deduced fission probability vs excitation energy. ^{234,236}U deduced hyperdeformed rotational bands, fission barrier features. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P439
^{236}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377
^{236}Pu	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377
	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301

A=237

^{237}U	2006GUZZ	NUCLEAR REACTIONS ^{236}U(n, γ), E=0-1800 eV; measured capture yield. CONF Vancouver(PHYSOR-2006),B072,Gunsing
	2006RUZZ	NUCLEAR REACTIONS ^{234,236}U(n, γ), E $\approx$ 0-500 keV; measured capture σ. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P312,Rundberg
^{237}Np	2007NE01	RADIOACTIVITY ^{226}Ra, ^{237}Np, ^{233}U(α); measured Eα, Iα; deduced activity. JOUR ARISE 65 209
^{237}Pu	2006MOZT	NUCLEAR REACTIONS ^{235}U(α, X), E=24 MeV; measured prompt and delayed Eγ, Iγ, fission fragment spectra. ^{237}Pu deduced fission isomer features. REPT MLL 2005 Annual, P20,Morgan
^{237}Am	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
^{237}Cm	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301

A=238

^{238}U	2006MAZY	ATOMIC MASSES ^{209}Bi, ^{210,211,213,214,217,218,230}Th, ^{238}U; measured masses. ^{210,211,213,214,217,218}Th deduced possible long-lived isomeric states. PREPRINT nucl-ex/0605008,5/11/2006
^{238}Np	2005LEZS	NUCLEAR REACTIONS ^{241,242,243}Am, ^{242}Pu, ^{237}Np(n, γ), E=spectrum; measured capture σ. ^{238}Np(n, F), E=spectrum; measured fission σ. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P11
	2006AD16	NUCLEAR REACTIONS ^{129}I, ^{139}La, ^{237}Np(n, X), (n, γ), E=spectrum; measured reaction rates for capture and transmutation using proton-induced spallation neutrons. JOUR NIMAE 562 741
	2006GUZY	NUCLEAR REACTIONS ^{237}Np(n, γ), E < 100 eV; ^{240}Pu(n, γ), E < 1 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C031,Guerrero

A=238 *(continued)*

	2006RE09	RADIOACTIVITY ^{238}Np(β^-) [from ^{237}Np(n, γ)]; measured Eβ, Eγ, X-ray spectra, $T_{1/2}$. ^{238}Pu deduced levels. Chemical separation. JOUR NIMAE 565 612
^{238}Pu	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
	2006HA20	RADIOACTIVITY ^{238}Pu(α); measured Eα. JOUR ARISE 64 864
	2006RE09	RADIOACTIVITY ^{238}Np(β^-) [from ^{237}Np(n, γ)]; measured Eβ, Eγ, X-ray spectra, $T_{1/2}$. ^{238}Pu deduced levels. Chemical separation. JOUR NIMAE 565 612
^{238}Cm	2006AS03	NUCLEAR REACTIONS ^{237}Np(^{6}Li, X), E=52-59 MeV; measured delayed Eα, Iα; deduced evidence for ^{236,238}Pu, ^{237}Am, ^{237,238}Cm. Mass separator. JOUR PRVCA 73 067301
	2006AS03	RADIOACTIVITY ^{238}Cm(α) [from ^{237}Np(^{6}Li, 5n)]; measured Eα, $T_{1/2}$. ^{234}Pu deduced 2^+ excited state energy. Systematics of 2^+ levels discussed. JOUR PRVCA 73 067301

A=239

^{239}U	2005OBZW	NUCLEAR REACTIONS ^{238}U(n, γ), E=1 MeV; measured delayed Eγ, Iγ following shape isomer decay. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P273
	2006WO03	RADIOACTIVITY ^{239}U(β^-) [from ^{238}U(n, γ)]; measured Eγ, Iγ. ^{239}Np deduced transitions. JOUR NIMAE 558 441
^{239}Np	2006WO03	RADIOACTIVITY ^{239}U(β^-) [from ^{238}U(n, γ)]; measured Eγ, Iγ. ^{239}Np deduced transitions. JOUR NIMAE 558 441
^{239}Bk	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87

A=240

^{240}Pu	2006BEZU	NUCLEAR REACTIONS ^{234}U, ^{237}Np, ^{239,242}Pu(n, γ), E=low; measured σ. Oscillation technique. CONF Vancouver(PHYSOR-2006),B075,Bernard
^{240}Am	2006PE14	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=8.8-11.4 MeV; measured σ. Activation method. JOUR PRVCA 73 067601
	2006PEZX	NUCLEAR REACTIONS ^{241}Am(n, 2n), E=8.8-11.1 MeV; measured σ. Activation technique. CONF Isle of Kos (FINUSTAR),Proc,P532

A=241

^{241}Pu	2006GUZY	NUCLEAR REACTIONS ^{237}Np(n, γ), E < 100 eV; ^{240}Pu(n, γ), E < 1 keV; measured capture σ; deduced resonance features. Total absorption calorimeter. CONF Vancouver(PHYSOR-2006),C031,Guerrero

A=242

^{242}Am	2006BE29	NUCLEAR REACTIONS ^{241}Am(n, X)^{242m}Am, E=thermal; measured yield. Comparison with model predictions. JOUR NIMAE 564 482

A=243

^{243}Pu	2006BEZU	NUCLEAR REACTIONS ^{234}U, ^{237}Np, ^{239,242}Pu(n, γ), E=low; measured σ. Oscillation technique. CONF Vancouver(PHYSOR-2006),B075,Bernard
	2006MA01	NUCLEAR REACTIONS ^{243}Am, ^{242}Pu(n, γ), E=thermal; measured delayed Eγ, Eα; deduced σ. Comparison with previous results. JOUR NIMAE 556 547
^{243}Cm	2006BRZX	NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242m}Am, ^{242}Cm(n, γ), E=thermal; ^{242,242m}Am(n, F), E=thermal; measured σ. Comparison with previous results. CONF Vancouver(PHYSOR-2006),C034,Bringer
^{243}Es	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87

A=244

^{244}Am	2006CAZZ	NUCLEAR REACTIONS ^{237}Np, ^{240}Pu, ^{243}Am(n, γ), E < 1 keV; measured capture σ. Total absorption calorimeter. CONF Notre Dame(Capture Gamma-Ray Spectroscopy) Proc,P318,Cano-Ott
^{244}Cm	2005VOZS	RADIOACTIVITY ^{244,248}Cm, ^{252}Cf(SF); measured fission neutron multiplicities vs fragment mass, kinetic energy. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P255
^{244}Cf	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=245

^{245}Cf	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=246

^{246}Cf	2006BA09	RADIOACTIVITY ^{250}Fm(α) [from ^{204}Hg(^{48}Ca, 2n)]; measured $T_{1/2}$. JOUR PRVCA 73 024308
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=246 *(continued)*

^{246}Md	2006AN13	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, xn), (^{48}Ca, xn), E $\approx$ 5 MeV / nucleon; measured delayed Eγ, Eα, $\alpha\gamma$-coin; deduced evidence for ^{246,247}Md, ^{255}Lr. ^{208}Pb(^{54}Cr, n), (^{54}Cr, 2n), E* $\approx$ 12-35 MeV; measured excitation functions. JOUR APSVC 56 87

A=247

^{247}Es	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87
	2006CH52	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, Eγ, E(ce), $\alpha\gamma$-, α(ce)-coin, Qα, $T_{1/2}$. ^{255}Lr, ^{251}Md, ^{247}Es deduced levels, J, π, configurations. JOUR ZAANE 30 397
^{247}Md	2006AN13	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, xn), (^{48}Ca, xn), E $\approx$ 5 MeV / nucleon; measured delayed Eγ, Eα, $\alpha\gamma$-coin; deduced evidence for ^{246,247}Md, ^{255}Lr. ^{208}Pb(^{54}Cr, n), (^{54}Cr, 2n), E* $\approx$ 12-35 MeV; measured excitation functions. JOUR APSVC 56 87
	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87

A=248

^{248}Cm	2005PIZX	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr, ^{99,101}Zr deduced levels, J, π, shape coexistence features. Eurogam 2 array. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P149
	2005VOZS	RADIOACTIVITY ^{244,248}Cm, ^{252}Cf(SF); measured fission neutron multiplicities vs fragment mass, kinetic energy. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P255
	2006UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109}Mo deduced levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 73 037302
	2006UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}I deduced levels, J, π, ICC, configurations. Eurogam2 array. JOUR ZAANE 27 257
^{248}Fm	2006LE29	RADIOACTIVITY ^{252}No(α), (SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured $T_{1/2}$. JOUR ZAANE 28 301
	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399

A=248 *(continued)*

	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399

A=249

^{249}Cm	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{249}Bk	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
	2005GU40	RADIOACTIVITY ^{253}Es, ^{255}Fm(α) [from Cm, ^{252}Cf(n, X)]; measured Eα, Eγ, angular anisotropy from oriented nuclei implanted in iron. JOUR BRSPE 69 821
	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{249}Fm	2006LO12	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{249}Fm deduced levels, J, π, ICC, configurations. Level systematics in neighboring isotones discussed. JOUR PRVCA 74 044303
	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, $T_{1/2}$. JOUR PANUE 69 1399
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183
^{249}Md	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=250

^{250}Cm	2006ISZX	NUCLEAR REACTIONS ^{248}Cm(^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{250}Cm deduced levels, J, π. REPT JAEA-Review 2006-029,P39,Ishii
^{250}Bk	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721

A=250 *(continued)*

^{250}Fm	2006BA09	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E ≈ 205-216 MeV; measured Eγ, Iγ; deduced excitation function. ^{204}Hg(^{48}Ca, 2n), E=210 MeV; measured Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-, $\gamma\gamma$-, (ce)γ-coin. ^{250}Fm deduced levels, J, π, ICC, deformation. Jurosphere IV array, recoil-decay tagging.. JOUR PRVCA 73 024308
	2006BA09	RADIOACTIVITY ^{250}Fm(α) [from ^{204}Hg(^{48}Ca, 2n)]; measured T$_{1/2}$. JOUR PRVCA 73 024308
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, T$_{1/2}$. JOUR PRVCA 73 014611
	2006NI09	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm)=70-95 MeV; measured evaporation residue σ; deduced reaction mechanism features. Comparison with statistical model predictions. JOUR PANUE 69 1399
	2006NI09	RADIOACTIVITY ^{248,249,250}Fm(α) [from ^{238}U(^{16}O, xn)]; measured Eα, T$_{1/2}$. JOUR PANUE 69 1399
^{250}Md	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, T$_{1/2}$. JOUR PRVCA 73 014611
^{250}No	2006PE17	RADIOACTIVITY ^{250}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured T$_{1/2}$ for ground and isomeric state decay; deduced upper limit for α-decay branching ratio. ^{219,220}Th(α) [from ^{176}Yb(^{48}Ca, xn)]; measured T$_{1/2}$. JOUR PRVCA 74 014316
	2006PEZY	RADIOACTIVITY ^{250,250m}No(SF) [from ^{204}Pb(^{48}Ca, 2n)]; measured fission T$_{1/2}$ for ground and metastable state, α-decay branching ratio upper limit. Half-life systematics in neighboring nuclides discussed. Mass separator. PREPRINT nucl-ex/0604005,4/10/2006

A=251

^{251}Cf	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
	2005GU40	RADIOACTIVITY ^{253}Es, ^{255}Fm(α) [from Cm, ^{252}Cf(n, X)]; measured Eα, Eγ, angular anisotropy from oriented nuclei implanted in iron. JOUR BRSPE 69 821
	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{251}Es	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{251}Fm	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2006ASZY	RADIOACTIVITY ^{255}No(α) [from ^{248}Cm(^{12}C, 5n)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, J, π, configurations. REPT JAEA-Review 2006-029,P41,Asai

A=251 *(continued)*

	2006HE20	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n), ^{209}Bi(^{48}Ca, 2n), ^{238}U(^{22}Ne, 5n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{251}Fm deduced levels, J, π. Level systematics in neighboring nuclides discussed. JOUR ZAANE 29 165
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183
^{251}Md	2005CHZQ	NUCLEAR REACTIONS ^{205}Tl(^{48}Ca, 2n), E=221 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. Mass separator, recoil-decay tagging. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87
	2006CH52	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, Eγ, E(ce), $\alpha\gamma$-, α(ce)-coin, Qα, $T_{1/2}$. ^{255}Lr, ^{251}Md, ^{247}Es deduced levels, J, π, configurations. JOUR ZAANE 30 397

A=252

^{252}Cf	2005KOZV	RADIOACTIVITY ^{252}Cf(SF); measured light charged particle spectra, yields following ternary and quaternary fission. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P115
	2005KRZW	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, neutron and γ-ray multiplicities, fission fragment mass distributions. CONF Peterhof(EXON-2004) Proc,P343,Krupa
	2005PYZX	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions, neutron multiplicity; deduced ternary decay mode. CONF Peterhof(EXON-2004) Proc,P351,Pyatkov
	2005PYZY	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions; deduced ternary decay features. REPT JINR-E15-2005-99
	2005VAZW	RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra, fission fragment mass distributions. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P369
	2005VOZS	RADIOACTIVITY ^{244,248}Cm, ^{252}Cf(SF); measured fission neutron multiplicities vs fragment mass, kinetic energy. CONF Cadarache (Nucl Fission and Fission-Product Spec) Proc, P255

A=252 ***(continued)***

2006CH07 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{112}Ru deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model analysis, total Routhian surface calculations. JOUR CPLEE 23 328

2006CH24 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{148}Ce deduced levels, J, π, rotational bands, B(E1) / B(E2), possible octupole correlations. Gammasphere array. JOUR PRVCA 73 054316

2006DA21 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, fission fragment and light charged particle yields. Gammasphere array. JOUR PANUE 69 1405

2006DI16 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced high-spin levels, J, π, configurations. Gammasphere array, total Routhian surface calculations, level systematics in neighboring isotopes discussed. JOUR PRVCA 74 054301

2006DI17 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced high-spin levels, J, π, configurations. Gammasphere array, total Routhian surface calculations, level systematics in neighboring isotopes discussed. JOUR CPLEE 23 3222

2006FO10 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin; deduced fission fragment isotopic yields, neutron multiplicity distributions, evidence for "hot" mode. Gammasphere array. JOUR PANUE 69 1161

2006GO20 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin; deduced fission fragment isotopic yields, neutron multiplicity distributions. No "hot" fission mode seen. JOUR PRVCA 74 017309

2006HW01 RADIOACTIVITY ^{252}Cf(SF); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{97,100,104}Zr, ^{106}Mo, ^{148}Ce deduced levels T$_{1/2}$, B(E2), quadrupole deformation. Gammasphere array, time-gated triple-coincidence method. JOUR PRVCA 73 044316

2006HW04 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Zr deduced high-spin levels, J, π. Gammasphere array. JOUR PRVCA 74 017303

2006JO01 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301

2006JO05 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{104,106,108}Mo deduced levels, J, π, configurations, collective bands features. ^{106}Mo deduced possible chiral doublet bands. Gammasphere array. JOUR PANUE 69 1198

2006KO03 RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra, angular distributions. JOUR NIMAE 557 594

2006LU12 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{110,111}Tc deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model calculations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 74 024308

2006OR05 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H), $\gamma\gamma$-coin. ^{101}Zr, ^{103,105}Mo levels deduced δ, g-factors, quadrupole moments, configurations. Gammasphere array, time-integrated perturbed angular correlation, rigid triaxial rotor-plus-particle calculations. JOUR PRVCA 73 054310

A=252 *(continued)*

	2006RE10	RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra. JOUR NIMAE 565 753
^{252}No	2006LE29	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=216 MeV; measured Eγ, Iγ, (recoil)γ-coin, (fission)γ-coin, Eα, Iα, (recoil)α-coin. ^{252}No deduced fission and α branching ratios.Jurosphere II array, recoil-decay and recoil-fission tagging. JOUR ZAANE 28 301
	2006LE29	RADIOACTIVITY ^{252}No(α), (SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured T$_{1/2}$. JOUR ZAANE 28 301

A=253

^{253}Es	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
	2005GU40	RADIOACTIVITY ^{253}Es, ^{255}Fm(α) [from Cm, ^{252}Cf(n, X)]; measured Eα, Eγ, angular anisotropy from oriented nuclei implanted in iron. JOUR BRSPE 69 821
	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{253}No	2006LO12	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{249}Fm deduced levels, J, π, ICC, configurations. Level systematics in neighboring isotones discussed. JOUR PRVCA 74 044303
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183
^{253}Lr	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, T$_{1/2}$. JOUR PRVCA 73 014611

A=254

^{254}Es	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{254}No	2006EEZZ	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E not given; measured Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{254}No deduced levels, non-yrast states. CONF Isle of Kos (FINUSTAR),Proc,P445
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, T$_{1/2}$. JOUR PRVCA 73 014611
	2006HE19	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=219 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), X-ray spectra. ^{254}No deduced levels, J, π, isomeric states T$_{1/2}$, configurations. Gas-filled separator, recoil-decay tagging. JOUR NATUA 442 896

A=254 *(continued)*

	2006HE25	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=219 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), X-ray spectra, (recoil)γ-coin. ^{254}No deduced isomeric states energies, J, π, $T_{1/2}$. Recoil-decay tagging. JOUR PHSTB T125 73
	2006TA19	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=217 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (ce)γ-coin, X-ray spectra. ^{254}No deduced levels, J, π, isomeric states $T_{1/2}$, configurations, deformation. Mass separator, recoil-decay tagging. JOUR PRLTA 97 082502
^{254}Lr	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=255

^{255}Fm	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
	2005BB14	NUCLEAR MOMENTS ^{255}Fm; measured hfs. Resonance ionization spectroscopy. JOUR HYIND 162 3
	2005GU40	RADIOACTIVITY ^{253}Es, ^{255}Fm(α) [from Cm, ^{252}Cf(n, X)]; measured Eα, Eγ, angular anisotropy from oriented nuclei implanted in iron. JOUR BRSPE 69 821
	2006AH09	RADIOACTIVITY ^{253}Es, ^{255}Fm(α); ^{249}Cm(β^-); ^{251}Es(EC); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Bk, ^{251}Cf deduced single-particle states. Gammasphere array. JOUR PHSTB T125 78
^{255}No	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2006ASZY	RADIOACTIVITY ^{255}No(α) [from ^{248}Cm(^{12}C, 5n)]; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, J, π, configurations. REPT JAEA-Review 2006-029,P41,Asai
	2006GR24	RADIOACTIVITY ^{262,264}Sg(SF); measured $T_{1/2}$, α-decay branching upper limit. ^{263}Sg(SF), (α); measured $T_{1/2}$, branching ratio. ^{259}Rf, ^{255}No; measured $T_{1/2}$. JOUR PRVCA 74 044611
	2006HE20	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n), ^{209}Bi(^{48}Ca, 2n), ^{238}U(^{22}Ne, 5n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{251}Fm deduced levels, J, π. Level systematics in neighboring nuclides discussed. JOUR ZAANE 29 165
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281
	2006PO10	RADIOACTIVITY ^{253}No(α) [from ^{207}Pb(^{48}Ca, 2n)]; measured Eγ, E(ce), $\gamma\alpha$-, (ce)α-coin. ^{249}Fm deduced levels, J, π. ^{255}No(α) [from ^{208}Pb(^{48}Ca, n)]; measured prompt and delayed $\alpha\gamma$-, $\alpha\beta$-coin. ^{251}Fm deduced isomeric state. JOUR PANUE 69 1183

A=255 *(continued)*

^{255}Lr	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2006AN13	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, xn), (^{48}Ca, xn), E $\approx$ 5 MeV / nucleon; measured delayed Eγ, Eα, $\alpha\gamma$-coin; deduced evidence for ^{246,247}Md, ^{255}Lr. ^{208}Pb(^{54}Cr, n), (^{54}Cr, 2n), E* $\approx$ 12-35 MeV; measured excitation functions. JOUR APSVC 56 87
	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87
	2006CH52	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, Eγ, E(ce), $\alpha\gamma$-, α(ce)-coin, Qα, $T_{1/2}$. ^{255}Lr, ^{251}Md, ^{247}Es deduced levels, J, π, configurations. JOUR ZAANE 30 397

A=256

No references found

A=257

^{257}No	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
^{257}Rf	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, $T_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87
^{257}Db	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=258

^{258}Fm	2006NIZW	NUCLEAR REACTIONS ^{244}Pu(^{18}O, α), E=103, 113 MeV; measured Eα, (fission fragment)α-coin; deduced reaction mechanism features. REPT JAEA-Review 2006-029,P49,Nishinaka
^{258}Db	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=259

^{259}Rf	2006GR24	RADIOACTIVITY ^{262,264}Sg(SF); measured $T_{1/2}$, α-decay branching upper limit. ^{263}Sg(SF), (α); measured $T_{1/2}$, branching ratio. ^{259}Rf, ^{255}No; measured $T_{1/2}$. JOUR PRVCA 74 044611

A=259 *(continued)*

	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, T$_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured T$_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281

A=260

^{260}Sg	2006AN13	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, xn), (^{48}Ca, xn), E $\approx$ 5 MeV / nucleon; measured delayed Eγ, Eα, $\alpha\gamma$-coin; deduced evidence for ^{246,247}Md, ^{255}Lr. ^{208}Pb(^{54}Cr, n), (^{54}Cr, 2n), E* $\approx$ 12-35 MeV; measured excitation functions. JOUR APSVC 56 87

A=261

^{261}Rf	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, T$_{1/2}$. ^{261}Rf(SF); measured T$_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
	2005NA46	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E $\approx$ 90-100 MeV; measured excitation function. Chemical properties of rutherfordium studied. JOUR RAACA 93 519
	2006DV01	RADIOACTIVITY ^{269,270}Hs, ^{265}Sg(α) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, T$_{1/2}$. ^{266}Sg(SF) [from ^{270}Hs decay]; measured T$_{1/2}$. Rapid chemical separation. JOUR PRLTA 97 242501
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, T$_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, T$_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured T$_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281
^{261}Sg	2006AN13	NUCLEAR REACTIONS ^{209}Bi(^{40}Ar, xn), (^{48}Ca, xn), E $\approx$ 5 MeV / nucleon; measured delayed Eγ, Eα, $\alpha\gamma$-coin; deduced evidence for ^{246,247}Md, ^{255}Lr. ^{208}Pb(^{54}Cr, n), (^{54}Cr, 2n), E* $\approx$ 12-35 MeV; measured excitation functions. JOUR APSVC 56 87
	2006AN13	RADIOACTIVITY ^{247,251}Md, ^{243}Es, ^{255}Lr, ^{261}Sg(α); measured Eγ, Eα, T$_{1/2}$. ^{257}Rf, ^{251}Md, ^{243,247}Es deduced levels, J, π. JOUR APSVC 56 87
^{261}Bh	2006FO02	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), E=260, 264, 268 MeV; measured delayed Eα, $\alpha\alpha$-coin, excitation function. ^{208}Pb(^{55}Mn, 2n), E=268 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{261}Bh. Gas-filled separator. JOUR PRVCA 73 014611
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, T$_{1/2}$. JOUR PRVCA 73 014611

A=262

^{262}Db	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita
^{262}Sg	2006GR24	NUCLEAR REACTIONS ^{238}U(^{30}Si, 4n), (^{30}Si, 5n), (^{30}Si, 6n), E=147-174 MeV; measured delayed Eα, (recoil)α-coin; deduced excitation functions. JOUR PRVCA 74 044611
	2006GR24	RADIOACTIVITY ^{262,264}Sg(SF); measured $T_{1/2}$, α-decay branching upper limit. ^{263}Sg(SF), (α); measured $T_{1/2}$, branching ratio. ^{259}Rf, ^{255}No; measured $T_{1/2}$. JOUR PRVCA 74 044611
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281
^{262}Bh	2006FO02	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), E=260, 264, 268 MeV; measured delayed Eα, $\alpha\alpha$-coin, excitation function. ^{208}Pb(^{55}Mn, 2n), E=268 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{261}Bh. Gas-filled separator. JOUR PRVCA 73 014611
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=263

^{263}Sg	2006GR24	NUCLEAR REACTIONS ^{238}U(^{30}Si, 4n), (^{30}Si, 5n), (^{30}Si, 6n), E=147-174 MeV; measured delayed Eα, (recoil)α-coin; deduced excitation functions. JOUR PRVCA 74 044611
	2006GR24	RADIOACTIVITY ^{262,264}Sg(SF); measured $T_{1/2}$, α-decay branching upper limit. ^{263}Sg(SF), (α); measured $T_{1/2}$, branching ratio. ^{259}Rf, ^{255}No; measured $T_{1/2}$. JOUR PRVCA 74 044611
	2006NI10	NUCLEAR REACTIONS ^{238}U(^{30}Si, F), (^{30}Si, 3n), (^{30}Si, 4n), (^{30}Si, 5n), E=145.5, 151.2, 163.5 MeV; measured fission and evaporation residue σ. JOUR ZAANE 29 281
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281

A=264

^{264}Sg	2006GR24	NUCLEAR REACTIONS ^{238}U(^{30}Si, 4n), (^{30}Si, 5n), (^{30}Si, 6n), E=147-174 MeV; measured delayed Eα, (recoil)α-coin; deduced excitation functions. JOUR PRVCA 74 044611

A=264 ***(continued)***

	2006GR24	RADIOACTIVITY ^{262,264}Sg(SF); measured $T_{1/2}$, α-decay branching upper limit. ^{263}Sg(SF), (α); measured $T_{1/2}$, branching ratio. ^{259}Rf, ^{255}No; measured $T_{1/2}$. JOUR PRVCA 74 044611
	2006NI10	NUCLEAR REACTIONS ^{238}U(^{30}Si, F), (^{30}Si, 3n), (^{30}Si, 4n), (^{30}Si, 5n), E=145.5, 151.2, 163.5 MeV; measured fission and evaporation residue σ. JOUR ZAANE 29 281
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281

A=265

^{265}Sg	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
	2006DV01	RADIOACTIVITY ^{269,270}Hs, ^{265}Sg(α) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{266}Sg(SF) [from ^{270}Hs decay]; measured $T_{1/2}$. Rapid chemical separation. JOUR PRLTA 97 242501
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006NI10	NUCLEAR REACTIONS ^{238}U(^{30}Si, F), (^{30}Si, 3n), (^{30}Si, 4n), (^{30}Si, 5n), E=145.5, 151.2, 163.5 MeV; measured fission and evaporation residue σ. JOUR ZAANE 29 281
	2006NI10	RADIOACTIVITY ^{263,265}Sg, ^{259}Rf, ^{255}No(α) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{262,264}Sg, ^{261}Rf(SF) [from ^{238}U(^{30}Si, xn) and subsequent decay]; measured $T_{1/2}$, fission fragments kinetic energy. JOUR ZAANE 29 281
^{265}Hs	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=266

^{266}Sg	2006DV01	RADIOACTIVITY ^{269,270}Hs, ^{265}Sg(α) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{266}Sg(SF) [from ^{270}Hs decay]; measured $T_{1/2}$. Rapid chemical separation. JOUR PRLTA 97 242501
^{266}Bh	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=267

^{267}Rf	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=268

^{268}Db	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=269

^{269}Hs	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
	2006DV01	RADIOACTIVITY ^{269,270}Hs, ^{265}Sg(α) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{266}Sg(SF) [from ^{270}Hs decay]; measured $T_{1/2}$. Rapid chemical separation. JOUR PRLTA 97 242501
	2006DV01	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, 4n), (^{26}Mg, 5n), E=136, 145 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR PRLTA 97 242501
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253

A=270

^{270}Hs	2006DV01	RADIOACTIVITY ^{269,270}Hs, ^{265}Sg(α) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{266}Sg(SF) [from ^{270}Hs decay]; measured $T_{1/2}$. Rapid chemical separation. JOUR PRLTA 97 242501
	2006DV01	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, 4n), (^{26}Mg, 5n), E=136, 145 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR PRLTA 97 242501
^{270}Mt	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=271

^{271}Sg	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602
^{271}Bh	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=272

^{272}Bh	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=273

^{273}Ds	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253

A=274

^{274}Rg	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita

A=275

^{275}Hs	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=275 *(continued)*

	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602
^{275}Mt	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=276

^{276}Mt	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=277

^{277}112	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
	2006MOZV	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured Eα, (recoil)α-coin following residual nucleus decay; deduced evidence for ^{277}112. ^{209}Bi(^{70}Zn, n), E=352.6 MeV; measured Eα, (recoil)α-coin following residual nucleus decay; deduced evidence for ^{278}113. CONF San Servolo(Fusion06),Proc,P253
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253

A=278

^{278}113	2006MOZV	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured Eα, (recoil)α-coin following residual nucleus decay; deduced evidence for ^{277}112. ^{209}Bi(^{70}Zn, n), E=352.6 MeV; measured Eα, (recoil)α-coin following residual nucleus decay; deduced evidence for ^{278}113. CONF San Servolo(Fusion06),Proc,P253
	2006MOZV	RADIOACTIVITY ^{278}113, ^{277}112, ^{274}Rg, ^{273}Ds, ^{270}Mt, ^{269}Hs, ^{266}Bh, ^{265}Sg, ^{261}Rf(α) [following ^{208}Pb, ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. CONF San Servolo(Fusion06),Proc,P253
	2006MOZW	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2005 Annual,P76,Morita
	2006MOZW	NUCLEAR REACTIONS ^{209}Bi(^{70}Zn, n), E=349.5 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. REPT RIKEN 2005 Annual,P76,Morita

A=279

^{279}Ds	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602
^{279}Rg	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=280

^{280}Rg	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=281

^{281}Ds	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=282

^{282}112	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=283

$^{283}112$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602
$^{283}113$	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov
$^{283}114$	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=284

$^{284}112$	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
$^{284}113$	2006TSZZ	RADIOACTIVITY ^{211,212,213,214,215}Po, ^{272}Bh, ^{275,276}Mt, ^{279,280}Rg, ^{283,284}113(α) [from ^{243}Am(^{48}Ca, xn)]; measured Eα. REPT JINR-E13-2006-19,Tsyganov

A=285

$^{285}112$	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=286

$^{286}114$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=287

$^{287}114$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=288

$^{288}114$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=289

$^{289}114$	2005OGZZ	RADIOACTIVITY $^{294}118$, $^{290,291,292,293}116$, $^{287,288,289}114$, $^{285}112$, $^{275}Hs(\alpha)$; $^{286}114$, $^{283}112$, ^{279}Ds, $^{271}Sg(\alpha)$, (SF); $^{282,284}112$, ^{281}Ds, $^{267}Rf(SF)$; measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=290

$^{290}116$	2005OGZZ	RADIOACTIVITY $^{294}118$, $^{290,291,292,293}116$, $^{287,288,289}114$, $^{285}112$, $^{275}Hs(\alpha)$; $^{286}114$, $^{283}112$, ^{279}Ds, $^{271}Sg(\alpha)$, (SF); $^{282,284}112$, ^{281}Ds, $^{267}Rf(SF)$; measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	NUCLEAR REACTIONS $^{245}Cm(^{48}Ca, 2n)$, $(^{48}Ca, 3n)$, E=249, 255 MeV; $^{249}Cf(^{48}Ca, 3n)$, E=251 MeV; measured Eα, $\alpha\alpha$-coin, fission fragment spectra following residual nucleus decay; deduced σ. JOUR PRVCA 74 044602
	2006OG05	RADIOACTIVITY $^{294}118$, $^{290,291}116$, $^{286,287}114$, $^{283}112$, ^{279}Ds, ^{275}Hs, $^{271}Sg(\alpha)$ [from ^{245}Cm, $^{249}Cf(^{48}Ca, xn)$ and subsequent decay]; measured Eα, $T_{1/2}$. $^{282}112$, $^{267}Rf(SF)$ [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=291

$^{291}116$	2005OGZZ	RADIOACTIVITY $^{294}118$, $^{290,291,292,293}116$, $^{287,288,289}114$, $^{285}112$, $^{275}Hs(\alpha)$; $^{286}114$, $^{283}112$, ^{279}Ds, $^{271}Sg(\alpha)$, (SF); $^{282,284}112$, ^{281}Ds, $^{267}Rf(SF)$; measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	NUCLEAR REACTIONS $^{245}Cm(^{48}Ca, 2n)$, $(^{48}Ca, 3n)$, E=249, 255 MeV; $^{249}Cf(^{48}Ca, 3n)$, E=251 MeV; measured Eα, $\alpha\alpha$-coin, fission fragment spectra following residual nucleus decay; deduced σ. JOUR PRVCA 74 044602
	2006OG05	RADIOACTIVITY $^{294}118$, $^{290,291}116$, $^{286,287}114$, $^{283}112$, ^{279}Ds, ^{275}Hs, $^{271}Sg(\alpha)$ [from ^{245}Cm, $^{249}Cf(^{48}Ca, xn)$ and subsequent decay]; measured Eα, $T_{1/2}$. $^{282}112$, $^{267}Rf(SF)$ [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

A=292

$^{292}116$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=293

$^{293}116$	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=294

$^{294}118$	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2006OG05	NUCLEAR REACTIONS ^{245}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), E=249, 255 MeV; ^{249}Cf(^{48}Ca, 3n), E=251 MeV; measured Eα, $\alpha\alpha$-coin, fission fragment spectra following residual nucleus decay; deduced σ. JOUR PRVCA 74 044602
	2006OG05	RADIOACTIVITY ^{294}118, ^{290,291}116, ^{286,287}114, ^{283}112, ^{279}Ds, ^{275}Hs, ^{271}Sg(α) [from ^{245}Cm, ^{249}Cf(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{282}112, ^{267}Rf(SF) [from α-decay of ^{286}Rf and ^{271}Sg]; measured fission fragment spectra, $T_{1/2}$. JOUR PRVCA 74 044602

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Excitation functions of (p, x) reactions on natural nickel between proton energies of 2.7 and 27.5 MeV

2007AR02 R.Arnold, NEMO Collaboration - Nucl.Phys. A781, 209 (2007)
Measurement of double beta decay of ^{100}Mo to excited states in the NEMO 3 experiment

2007GA01 E.Garcia-Torano, V.Peyres, M.Roteta - Nucl.Instrum.Methods Phys.Res. A570, 84 (2007)
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2007NE01 C.Nebelung, L.Baraniak - Appl.Radiat.Isot. 65, 209 (2007)
Simultaneous determination of ^{226}Ra, ^{233}U and ^{237}Np by liquid scintillation spectrometry

2007QA01 S.M.Qaim, G.F.Steyn, I.Spahn, S.Spellerberg, T.N.van der Walt, H.H.Coenen - Appl.Radiat.Isot. 65, 247 (2007)
Yield and purity of ^{82}Sr produced via the ^{nat}Rb(p, xn)^{82}Sr process

Journals and Codens

The following list, arranged alphabetically by Coden, shows journal Codens and titles that have appeared in NSR since the year 2000. The Coden strings are used in the short form of reference information given with keywords in the "Recent References" documents.

ACIEA	Angew.Chem., Int.Ed.Eng.
ADNDA	At.Data Nucl.Data Tables
AENGA	At.Energ.
ANEND	Ann.Nucl.Energy
ANPHA	Ann.Phys.(Paris)
ANPYA	Ann.Phys.(Leipzig)
APHPF	Acta Phys.Hung.N.S.
APHYE	Astropart.Phys.
APJSA	Astrophys.J.Suppl.Ser.
APNYA	Ann.Phys.(New York)
APOBB	Acta Phys.Pol. B
APSVC	Acta Phys.Slovaca
ARISE	Appl.Radiat.Isot.
ARNUA	Ann.Rev.Nucl.Part.Sci.
ASJOA	Astrophys.J.
AUJPA	Aust.J.Phys.
BAPSA	Bull.Am.Phys.Soc.
BJPHE	Braz.J.Phys.
BRSPE	Bull.Rus.Acad.Sci.Phys.
CHPHD	Chinese Physics
CHPLB	Chem.Phys.Lett.
CJOPA	Chin.J.Phys.(Taiwan)
CJPHA	Can.J.Phys.
CMPHC	Chem.Phys.
CPHCB	Comput.Phys.Commun.
CPLEE	Chin.Phys.Lett.
CZYPA	Czech.J.Phys.
DANKA	Dok.Akad.Nauk
EPSLA	Earth Planet.Sci.Lett.
EULEE	Europhys.Lett.
FBSYE	Few-Body Systems
FECAA	Fiz.Elem.Chastits At.Yadra
FECLA	Part. and Nucl., Lett.
FIZBE	Fizika(Zagreb) B
GCACA	Geochim.Cosmochim.Act.
HYIND	Hyperfine Interactions
IJTPB	Int.J.Theor.Phys.
IMPEE	Int.J.Mod.Phys. E
JCOME	J.Phys.Condens.Matter
JNRSA	J.Nucl.Radiochem.Sci.
JNSTA	J.Nucl.Sci.Technol.(Tokyo)
JPAMA	J.Phys.(London) B
JPGPE	J.Phys.(London) G
JRNBA	J.Res.Natl.Inst.Stand.Technol.
JRNCD	J.Radioanal.Nucl.Chem.
JUPSA	J.Phys.Soc.Jpn.
KPSJA	J.Korean Phys.Soc.
LAPLA	Laser Phys.Lett.
MPLAE	Mod.Phys.Lett. A
NATUA	Nature(London)
NDSBA	Nucl.Data Sheets
NIFBA	Nuovo Cim. B
NIFCA	Nuovo Cim. C
NIMAE	Nucl.Inst.Meth.Phys.Res. A
NIMBE	Nucl.Inst.Meth.Phys.Res. B
NJOPF	New Journal of Physics
NPBSE	Nucl.Phys. B(Proc.Supp.)
NSENA	Nucl.Sci.Eng.
NUPAB	Nucl.Phys. A
NUPBB	Nucl.Phys. B
NUTYB	Nucl.Technology
PACHA	Pure Appl.Chem.
PANUE	Phys.Atomic Nuclei
PHSTB	Phys.Scr.
PHYAD	Physica A
PHYBE	Physica B
PHYCE	Physica C
PLEEE	Phys.Rev. E
PLRAA	Phys.Rev. A
PNEND	Prog.Nucl.Energy
PPNPD	Prog.Part.Nucl.Phys.
PRAMC	Pramana
PRBMD	Phys.Rev. B
PRLTA	Phys.Rev.Lett.
PRPLC	Phys.Rep.
PRVCA	Phys.Rev. C
PRVDA	Phys.Rev. D
PTPKA	Prog.Theor.Phys.(Kyoto)
PTPSA	Prog.Theor.Phys.(Kyoto), Suppl.
PYLAA	Phys.Lett. A
PYLBB	Phys.Lett. B
PZETA	Pisma Zh.Eksp.Teor.Fiz.
RAACA	Radiochim.Acta
RJPHE	Rom.J.Phys.
RMEAE	Radiat.Meas.
RMPHA	Rev.Mod.Phys.
RNCUA	Riv.Nuovo Cimento Soc.Ital.Fis.
RPPHA	Rep.Prog.Phys.

SCIEA	Science	ZAANE	Eur.Phys.J. A
TANSA	Trans.Amer.Nucl.Soc.	ZBBNE	Eur.Phys.J. B
TBGNS	Trans.Bulg.Nucl.Soc.	ZCCNE	Eur.Phys.J. C
TJPHE	Turk.J.Phys.	ZDDNE	Eur.Phys.J. D
UKPJA	Ukr.J.Phys.	ZETFA	Zh.Eksp.Teor.Fiz.
YAFIA	Yad.Fiz.	ZNASE	Z.Naturforsch.

Abbreviations

The following abbreviations are commonly used in NSR keywords.

Ay,Ayy,iT ...	- analyzing powers
BCS	- Bardeen-Cooper-Schieffer
BUU	- Boltzmann-Uehling-Uhlenbeck
ce	- conversion electron
CPT	- charge-parity-time
DSA	- Doppler-shift attenuation
DWBA	- distorted-wave Born approximation
DWIA	- distorted-wave impulse approximation
Eγ, Eα, Ep	- gamma, alpha, proton energies
EC	- electron capture
GMR	- giant monopole resonance
GDR	- giant dipole resonance
GQR	- giant quadrupole resonance
GDH	- Gerasimov-Drell-Hearn
HFB	- Hartree-Fock-Bogoliubov
hfs	- hyperfine structure
Iγ, Iβ	- gamma, beta intensities
IAR	- isobaric analog resonance
IAS	- isobaric analog state
IBM	- interacting boson model
IBA	- interacting boson approximation
ICC	- internal conversion coefficient
IT	- isomeric transition
H	- magnetic field
n-bar, p-bar	- antineutron, antiproton
OZI	- Okubo-Zweig-Iizuka
PWIA	- plane-wave impulse approximation
Qα, Qβ	- α-,β-decay Q-value
QCD	- quantum chromodynamics
RPA	- random phase approximation
σ	- cross section
SUSY	- supersymmetry
θ	- indicates angular dependence
TDA	- Tamm-Dancoff approximation