Recent References:
January 1, 2007 to March 31, 2007

National Nuclear Data Center, Brookhaven National Laboratory

Document generated: April 2, 2007

This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2007 to March 31, 2007. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

For more information, and access to the most recent NSR updates, please visit the NSR web site at http://www.nndc.bnl.gov/nsr/.

Contents

Keynumbers and Keywords

A=1

^{1}n	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2007AC01	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e), E=3 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange form factors. JOUR PRLTA 98 032301
	2007AI01	NUCLEAR REACTIONS ^{1,2}H(polarized e^{+}, e^{+}'X), E=27.6 GeV; measured polarization observables. ^{1}n, ^{1,2}H; deduced spin structure functions. Polarized targets. JOUR PRVDA 75 012007
	2007SEZZ	RADIOACTIVITY ^{1}n(β^{-}); measured $T_{1/2}$. Gravitationally trapped ultracold neutrons. PREPRINT nucl-ex/0702009,2/6/2007
	2007TR01	NUCLEAR REACTIONS ^{1}H(^{20}Ne, ^{20}Na), E=22.3 MeV / nucleon; ^{2}H(^{20}Ne, ^{21}Na), E=22.3 MeV / nucleon; ^{1}H(^{21}Ne, ^{21}Na), E=43 MeV / nucleon; measured particle spectra, yields. JOUR NIMAE 572 580
^{1}H	2006JE09	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{10}Li), E=2.36 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{10}Li deduced spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 642 449
	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2006SAZQ	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, Ay(θ). Polarized target. REPT CNS-REP-69,P27,Sakaguchi
	2006ST27	NUCLEAR REACTIONS ^{1}H(polarized e, e'π^{0}), E=855 MeV; measured electron and proton spectra, σ(E, θ); deduced magnetic dipole amplitude, pionic contribution. Comparison with model predictions. JOUR ZAANE 30 471
	2007AC01	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e), E=3 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange form factors. JOUR PRLTA 98 032301
	2007AI01	NUCLEAR REACTIONS ^{1,2}H(polarized e^{+}, e^{+}'X), E=27.6 GeV; measured polarization observables. ^{1}n, ^{1,2}H; deduced spin structure functions. Polarized targets. JOUR PRVDA 75 012007
	2007CR01	NUCLEAR REACTIONS ^{1}H(polarized e, e'p), E=high; measured asymmetries. ^{1}H deduced electric to magnetic form factor ratios. Polarized target. JOUR PRLTA 98 052301
	2007EL02	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E=34 MeV / nucleon; measured excitation energy spectrum. ^{23}O deduced resonance energies, neutron shell features. JOUR PRLTA 98 102502

A=1 *(continued)*

2007ELZZ	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E=34 MeV / nucleon; measured excitation energy spectrum. ^{23}O deduced resonance energies, neutron shell features. REPT RIKEN-NC-NP-4,Elekes
2007JIZZ	NUCLEAR REACTIONS ^{2}H(polarized γ, n), E=2 GeV; measured angular dependence of recoil proton polarization. Comparison with model predictions. PREPRINT nucl-ex/0702002,2/2/2007
2007KE02	NUCLEAR REACTIONS ^{1}H(polarized e, e'π^0), E=4531 MeV; measured σ(E, θ), recoil polarization, response functions; deduced multipole amplitudes. JOUR PRVCA 75 025201
2007SAZZ	NUCLEAR REACTIONS ^{1}H(n, n'γ), E=175-275 MeV; measured En, Ep, $\sigma(\theta_p, \theta_n, \theta_\gamma)$. Comparison with model predictions. PREPRINT nucl-ex/0701009,01/05/2007
2007SEZZ	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Gravitationally trapped ultracold neutrons. PREPRINT nucl-ex/0702009,2/6/2007
2007SU02	NUCLEAR REACTIONS ^{12}C(polarized d, α), E=140, 270 MeV; measured Eα, $\sigma(\theta)$; deduced beam polarization. ^{1}H(polarized d, d), E=140, 270; measured analyzing powers. JOUR NIMAE 572 745
2007VA03	NUCLEAR REACTIONS ^{1}H(γ, π^0), E=0.3-3 GeV; measured σ(E, θ), σ; deduced resonance features. Comparison with previous results. JOUR ZAANE 31 61

A=2

^{2}n	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
^{2}H	2006MAZV	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=250 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. REPT CNS-REP-69,P17,Maeda
	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2006PR22	NUCLEAR REACTIONS ^{2}H(polarized p, p), E=135, 200 MeV; measured $\sigma(\theta)$, analyzing powers, spin correlation coefficients; deduced no three-nucleon force effect. Polarized target, comparison with Faddeev calculations. JOUR PRVCA 74 064003
	2007AI01	NUCLEAR REACTIONS ^{1,2}H(polarized e^+, e^+'X), E=27.6 GeV; measured polarization observables. ^{1}n, ^{1,2}H; deduced spin structure functions. Polarized targets. JOUR PRVDA 75 012007
	2007ILZZ	NUCLEAR REACTIONS ^{2}H(γ, π^0), E $\approx$ 600-800 MeV; measured $\sigma(\theta)$; deduced resonance features. PREPRINT nucl-ex/0703006,3/5/2007

A=3

^{3}H	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2007LY01	NUCLEAR REACTIONS ^{4}He(polarized γ, p), (polarized γ, n), E=40, 60, 80 MeV; measured $\sigma(\theta)$, azimuthal asymmetry; deduced multipole strengths, meson exchange current contributions. JOUR NUPAB 781 306
^{3}He	2007AD02	NUCLEAR REACTIONS ^{2}H(p, X)^{3}He, E at 1.58-1.66 GeV / c; measured η-meson production associated σ, σ(E, θ); deduced final state interaction effects. JOUR PRVCA 75 014004
	2007BE03	NUCLEAR REACTIONS ^{2}H(p, $K^{+}K^{-}$), E $\approx$ threshold; measured prompt and ϕ-meson production associated kaon pair spectra, σ(E, θ). JOUR PRVCA 75 015204
	2007ESZZ	NUCLEAR MOMENTS ^{3}He; measured precession frequency in magnetic field; deduced dressed-spin effects. Application to neutron dipole moment measurement discussed. PREPRINT nucl-ex/0703029,3/19/2007
	2007KI02	NUCLEAR REACTIONS ^{3}H(p, n), E=1.6-3.2 MeV; measured En. ^{12}C, ^{28}Si(n, X), E=1.410, 1.479, 2.077, 2.501 MeV; measured total σ. JOUR JRNCD 271 541
	2007LI04	NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured neutron spectra, yields. Cluster fusion Induced by femtosecond laser pulse. JOUR CPLEE 24 494
	2007LY01	NUCLEAR REACTIONS ^{4}He(polarized γ, p), (polarized γ, n), E=40, 60, 80 MeV; measured $\sigma(\theta)$, azimuthal asymmetry; deduced multipole strengths, meson exchange current contributions. JOUR NUPAB 781 306
	2007NI03	NUCLEAR REACTIONS ^{4}He(γ, n), E=23-70 MeV; measured $\sigma(\theta)$; deduced transition coefficients, angle-integrated σ. Tagged photons. JOUR PRVCA 75 014007

A=4

^{4}He	2006YA21	NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured Ep, Eα, vector and tensor analyzing powers; deduced resonance contributions. JOUR PRVCA 74 064606
	2007AC01	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e), E=3 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange form factors. JOUR PRLTA 98 032301

A=5

No references found

A=6

^{6}H	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007
^{6}Li	2005RIZU	NUCLEAR REACTIONS ^{2}H(^{8}He, 4n), (^{8}He, 3n), (^{8}He, 2n), E=15.8 MeV / nucleon; measured En, nn-, (recoil)n-coin; deduced possible tetraneutron cluster. REPT IPNO-T-05-15,Rich
^{6}B	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007

A=7

^{7}H	2007CAZZ	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{7}H deduced resonance energy, width. PREPRINT nucl-ex/0702021,2/9/2007
	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007
^{7}Li	2005RIZU	NUCLEAR REACTIONS ^{2}H(^{8}He, 4n), (^{8}He, 3n), (^{8}He, 2n), E=15.8 MeV / nucleon; measured En, nn-, (recoil)n-coin; deduced possible tetraneutron cluster. REPT IPNO-T-05-15,Rich
	2006YA21	NUCLEAR REACTIONS ^{6}Li(polarized d, α), (polarized d, p), E=90 keV; measured Ep, Eα, vector and tensor analyzing powers; deduced resonance contributions. JOUR PRVCA 74 064606
	2007NI02	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source in various host materials; deduced no environmental dependence. JOUR PRVCA 75 012801
	2007RU04	NUCLEAR REACTIONS ^{7}Li(^{18}O, ^{18}O), (^{18}O, ^{18}O'), E=114 MeV; measured elastic and inelastic $\sigma(\theta)$; deduced potential parameters, scattering mechanism features. ^{18}O deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR NUPAB 785 293
^{7}Be	2006AMZX	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E=7.69 MeV / nucleon; measured Ep, Eγ, pγ-coin. REPT CNS-REP-69,P31,Amadio
	2006YAZT	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E=53.8 MeV; measured Ep; deduced excitation function. ^{8}B deduced resonance energy. REPT CNS-REP-69,P14,Yamaguchi
	2007NI02	RADIOACTIVITY ^{7}Be(EC); measured $T_{1/2}$ for source in various host materials; deduced no environmental dependence. JOUR PRVCA 75 012801
^{7}B	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007

A=8

^{8}Li	2005RIZU	NUCLEAR REACTIONS ^{2}H(^{8}He, 4n), (^{8}He, 3n), (^{8}He, 2n), E=15.8 MeV / nucleon; measured En, nn-, (recoil)n-coin; deduced possible tetraneutron cluster. REPT IPNO-T-05-15,Rich
	2007GUZY	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{7}Li), (^{8}Li, ^{8}Li), (^{8}Li, ^{9}Li), E=27 MeV; measured $\sigma(\theta)$; deduced spectroscopic factors. ^{7,8}Li(n, γ), E $\approx$ 0-1.2 MeV; calculated σ. PREPRINT nucl-ex/0701046,01/23/2007
^{8}Be	2006SA49	NUCLEAR REACTIONS ^{7}Li(polarized d, n), E=80, 130, 160 keV; measured σ(E, θ), analyzing powers; deduced transition matrix elements. Finite-range DWBA calculations, coupled reaction channels calculations. JOUR PRVCA 74 064611
	2006TAZW	NUCLEAR REACTIONS ^{9}Be(n, 2n), E=14 MeV; measured En, nn-coin, $\sigma(\theta, \phi)$. REPT JAEA-Conf 2006-009,P95,Takaki
	2007GUZY	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{7}Li), (^{8}Li, ^{8}Li), (^{8}Li, ^{9}Li), E=27 MeV; measured $\sigma(\theta)$; deduced spectroscopic factors. ^{7,8}Li(n, γ), E $\approx$ 0-1.2 MeV; calculated σ. PREPRINT nucl-ex/0701046,01/23/2007
^{8}B	2006YAZT	NUCLEAR REACTIONS ^{1}H(^{7}Be, p), E=53.8 MeV; measured Ep; deduced excitation function. ^{8}B deduced resonance energy. REPT CNS-REP-69,P14,Yamaguchi
	2007RO01	NUCLEAR REACTIONS ^{1}H(^{8}B, p), E(cm)=0.5-3.2 MeV; measured Ep, $\sigma(\theta)$, excitation function. ^{9}C deduced resonance energies, widths, J, π. Thick target, R-matrix analysis, continuum shell model calculations. JOUR PRVCA 75 014603

A=9

^{9}He	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^{+}, π^{-}), (π^{-}, π^{+}), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007
^{9}Li	2007GUZY	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{7}Li), (^{8}Li, ^{8}Li), (^{8}Li, ^{9}Li), E=27 MeV; measured $\sigma(\theta)$; deduced spectroscopic factors. ^{7,8}Li(n, γ), E $\approx$ 0-1.2 MeV; calculated σ. PREPRINT nucl-ex/0701046,01/23/2007
^{9}Be	2007GUZY	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{7}Li), (^{8}Li, ^{8}Li), (^{8}Li, ^{9}Li), E=27 MeV; measured $\sigma(\theta)$; deduced spectroscopic factors. ^{7,8}Li(n, γ), E $\approx$ 0-1.2 MeV; calculated σ. PREPRINT nucl-ex/0701046,01/23/2007
	2007TO03	NUCLEAR MOMENTS ^{9}Be; measured NMR, Knight shift in UBe_{13}; deduced nuclear quadrupole parameters. JOUR JUPSA 76 024705
^{9}C	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^{+}, π^{-}), (π^{-}, π^{+}), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007
	2007RO01	NUCLEAR REACTIONS ^{1}H(^{8}B, p), E(cm)=0.5-3.2 MeV; measured Ep, $\sigma(\theta)$, excitation function. ^{9}C deduced resonance energies, widths, J, π. Thick target, R-matrix analysis, continuum shell model calculations. JOUR PRVCA 75 014603

A=10

^{10}Li	2006JE09	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{10}Li), E=2.36 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{10}Li deduced spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 642 449
^{10}Be	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760
	2007GUZY	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{7}Li), (^{8}Li, ^{8}Li), (^{8}Li, ^{9}Li), E=27 MeV; measured $\sigma(\theta)$; deduced spectroscopic factors. ^{7,8}Li(n, γ), E $\approx$ 0-1.2 MeV; calculated σ. PREPRINT nucl-ex/0701046,01/23/2007
	2007PI05	NUCLEAR REACTIONS ^{12}C(e, e'p), (e, e'2p), E=4.627 GeV; measured Ep, pp-coin, yield ratio vs missing momentum. JOUR NUPAB 782 207c
	2007SHZZ	NUCLEAR REACTIONS ^{12}C(e, e'p), (e, e'2p), E=4.627 GeV; measured Ep, pp-coin, angular correlations, missing energy spectra; deduced role of short-range correlations. PREPRINT nucl-ex/0703023,3/15/2007
^{10}B	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760
	2007SU02	NUCLEAR REACTIONS ^{12}C(polarized d, α), E=140, 270 MeV; measured Eα, $\sigma(\theta)$; deduced beam polarization. ^{1}H(polarized d, d), E=140, 270; measured analyzing powers. JOUR NIMAE 572 745

A=11

^{11}B	2006KH12	NUCLEAR REACTIONS ^{14}N(n, α), (n, t), E=5.45-7.2 MeV; measured σ. JOUR AENGA 101 307
	2006SAZP	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=400 MeV; measured Eα, σ(E, θ). ^{11}B deduced B(E0), B(E2), cluster structure. Antisymmetrized molecular dynamics. REPT CNS-REP-69,P33,Sasamoto
	2007CO01	NUCLEAR REACTIONS ^{13}C(d, p), (d, t), (d, α), E=0.5-1.65 MeV; measured $\sigma(\theta)$. Comparison with previous results. JOUR NIMBE 254 25
	2007PI05	NUCLEAR REACTIONS ^{12}C(e, e'p), (e, e'2p), E=4.627 GeV; measured Ep, pp-coin, yield ratio vs missing momentum. JOUR NUPAB 782 207c
	2007SHZZ	NUCLEAR REACTIONS ^{12}C(e, e'p), (e, e'2p), E=4.627 GeV; measured Ep, pp-coin, angular correlations, missing energy spectra; deduced role of short-range correlations. PREPRINT nucl-ex/0703023,3/15/2007

A=12

^{12}Be	2006SAZR	NUCLEAR REACTIONS ^{4}He(^{12}Be, α), E=60 MeV / nucleon; measured σ(E, θ), particle spectra. ^{12}Be deduced level energies, J, π, widths. REPT CNS-REP-69,P21,Saito
	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007
^{12}C	2006KH12	NUCLEAR REACTIONS ^{14}N(n, α), (n, t), E=5.45-7.2 MeV; measured σ. JOUR AENGA 101 307
	2007BO04	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180, 200 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn deduced levels, J, π, g. Transient field technique. Comparison with model predictions. JOUR PRVCA 75 021302
	2007CO01	NUCLEAR REACTIONS ^{13}C(d, p), (d, t), (d, α), E=0.5-1.65 MeV; measured $\sigma(\theta)$. Comparison with previous results. JOUR NIMBE 254 25
	2007GA07	NUCLEAR REACTIONS ^{12}C(d, d), (d, d'), E=15.3 MeV; measured $\sigma(\theta)$, σ(E, θ), spin-tensor components of density matrix; deduced reaction mechanism features. JOUR PANUE 70 273
	2007GL01	NUCLEAR REACTIONS ^{12,13,14}C(^{16}O, ^{16}O), E=132 MeV; measured $\sigma(\theta)$; deduced Airy structure, optical model parameters. JOUR PANUE 70 1
^{12}N	2007SK02	NUCLEAR REACTIONS ^{1}H(^{12}N, p), E(cm)=0.8-2.7 MeV; measured Ep, excitation functions for elastic scattering. ^{13}O deduced resonance energies, J, π, widths. ^{12}N(p, γ), E=low; calculated astrophysical reaction rates. R-matrix calculations. JOUR PRVCA 75 024607
^{12}O	2007FOZZ	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C(π^+, π^-), (π^-, π^+), E=120, 180, 240 MeV; measured σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701002,01/03/2007

A=13

^{13}B	2006GE21	NUCLEAR REACTIONS ^{11}B(t, p), E=2.53-6.95 MeV; measured excitation function. ^{14}C deduced analog states features. JOUR BRSPE 70 217
	2006GE21	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured Eβ, Eγ, $T_{1/2}$. JOUR BRSPE 70 217
^{13}C	2006GE21	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured Eβ, Eγ, $T_{1/2}$. JOUR BRSPE 70 217
	2006SAZP	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=400 MeV; measured Eα, σ(E, θ). ^{11}B deduced B(E0), B(E2), cluster structure. Antisymmetrized molecular dynamics. REPT CNS-REP-69,P33,Sasamoto
	2007GL01	NUCLEAR REACTIONS ^{12,13,14}C(^{16}O, ^{16}O), E=132 MeV; measured $\sigma(\theta)$; deduced Airy structure, optical model parameters. JOUR PANUE 70 1
	2007KO02	NUCLEAR REACTIONS ^{12}C(d, p), E=900-2000 keV; measured Ep, σ(E, θ). JOUR NIMBE 254 10

A=13 *(continued)*

^{13}N	2006TEZW	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=48.6 MeV; measured Ep, $\sigma(\theta)$. ^{14}O deduced resonance energies, J, π, widths. REPT CNS-REP-69,P10,Teranishi
	2007CAZZ	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{7}H deduced resonance energy, width. PREPRINT nucl-ex/0702021,2/9/2007
^{13}O	2007SK02	NUCLEAR REACTIONS ^{1}H(^{12}N, p), E(cm)=0.8-2.7 MeV; measured Ep, excitation functions for elastic scattering. ^{13}O deduced resonance energies, J, π, widths. ^{12}N(p, γ), E=low; calculated astrophysical reaction rates. R-matrix calculations. JOUR PRVCA 75 024607

A=14

^{14}C	2006GE21	NUCLEAR REACTIONS ^{11}B(t, p), E=2.53-6.95 MeV; measured excitation function. ^{14}C deduced analog states features. JOUR BRSPE 70 217
	2007CO01	NUCLEAR REACTIONS ^{13}C(d, p), (d, t), (d, α), E=0.5-1.65 MeV; measured $\sigma(\theta)$. Comparison with previous results. JOUR NIMBE 254 25
	2007GL01	NUCLEAR REACTIONS ^{12,13,14}C(^{16}O, ^{16}O), E=132 MeV; measured $\sigma(\theta)$; deduced Airy structure, optical model parameters. JOUR PANUE 70 1
	2007PR02	NUCLEAR REACTIONS ^{14}C(^{14}C, α^{10}Be), E=98.2 MeV; measured charged particle spectra. ^{14}C deduced excited states energies, J, π, α-decay properties. JOUR PRVCA 75 014305
^{14}N	2007MIZZ	NUCLEAR REACTIONS ^{16}O(e, e'np), E=855 MeV; measured particle spectra, missing energy, σ(E, θ). Comparison with model predictions. PREPRINT nucl-ex/0701053,1/24/2007
^{14}O	2006TEZW	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=48.6 MeV; measured Ep, $\sigma(\theta)$. ^{14}O deduced resonance energies, J, π, widths. REPT CNS-REP-69,P10,Teranishi

A=15

^{15}N	2007DEZZ	NUCLEAR REACTIONS ^{2}H(^{18}F, p), (^{18}F, pα), E=14 MeV; measured Ep, Eα, $\sigma(\theta)$. ^{19}F deduced level energies, J, π, spectroscopic factors, analog states features. PREPRINT nucl-ex/0702034,2/16/2007
	2007IOZZ	NUCLEAR REACTIONS ^{16}O(e, e'p), E=575 MeV; measured missing energy spectra, σ(E, θ); deduced role of two-body currents, short-range correlations. PREPRINT nucl-ex/0703007,3/5/2007

A=16

^{16}N	2007FRZY	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, p)]; measured β-delayed α spectra. Comparison with previous results. PREPRINT nucl-ex/0702018,2/8/2007

A=16 *(continued)*

^{16}O	2006FUZW	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E < 32.5 MeV; measured Eα, $\sigma(\theta)$. ^{20}Ne deduced resonance parameters. REPT CNS-REP-69,P37,Fujikawa
	2007FRZY	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, p)]; measured β-delayed α spectra. Comparison with previous results. PREPRINT nucl-ex/0702018,2/8/2007
	2007RU01	NUCLEAR REACTIONS ^{16}O(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, tensor analyzing powers. ^{16}O(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E(cm)=6.26-34.78 MeV; analyzed data; deduced parameters. ^{16}O(^{7}Li, t), E=15-38 MeV; calculated $\sigma(\theta)$. Coupled reaction channels method. JOUR PRVCA 75 024612
	2007ZY01	NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E=1.068 MeV / nucleon; measured beam and recoil charge state distributions. JOUR NIMBE 254 17

A=17

^{17}O	2007ZH03	RADIOACTIVITY ^{17}F(β^+), (EC) [from ^{16}O(d, n)]; measured β-NMR spectra from polarized source. ^{17}F deduced quadrupole moment, halo features. JOUR JPGPE 34 523
^{17}F	2007ZH03	RADIOACTIVITY ^{17}F(β^+), (EC) [from ^{16}O(d, n)]; measured β-NMR spectra from polarized source. ^{17}F deduced quadrupole moment, halo features. JOUR JPGPE 34 523

A=18

^{18}N	2007BU01	RADIOACTIVITY ^{18}N(β^-); measured β-delayed Eα, $\beta\alpha$-coin. ^{18}O deduced level energies, J, π, widths. Astrophysical implications discussed. JOUR PRVCA 75 012804
^{18}O	2007BU01	RADIOACTIVITY ^{18}N(β^-); measured β-delayed Eα, $\beta\alpha$-coin. ^{18}O deduced level energies, J, π, widths. Astrophysical implications discussed. JOUR PRVCA 75 012804
	2007RU04	NUCLEAR REACTIONS ^{7}Li(^{18}O, ^{18}O), (^{18}O, ^{18}O'), E=114 MeV; measured elastic and inelastic $\sigma(\theta)$; deduced potential parameters, scattering mechanism features. ^{18}O deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR NUPAB 785 293
^{18}Ne	2006SK09	NUCLEAR REACTIONS ^{1}H(^{18}Ne, p), E=56 MeV; measured Ep, $\sigma(\theta)$, elastic scattering excitation function. ^{19}Na deduced resonance energy, J, π. Astrophysical implications discussed. JOUR PANUE 69 1979

A=19

^{19}F	2007DEZZ	NUCLEAR REACTIONS ^{2}H(^{18}F, p), (^{18}F, pα), E=14 MeV; measured Ep, Eα, $\sigma(\theta)$. ^{19}F deduced level energies, J, π, spectroscopic factors, analog states features. PREPRINT nucl-ex/0702034,2/16/2007

A=19 *(continued)*

^{19}Na	2006SK09	NUCLEAR REACTIONS ^{1}H(^{18}Ne, p), E=56 MeV; measured Ep, $\sigma(\theta)$, elastic scattering excitation function. ^{19}Na deduced resonance energy, J, π. Astrophysical implications discussed. JOUR PANUE 69 1979

A=20

^{20}Ne	2006FUZW	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E < 32.5 MeV; measured Eα, $\sigma(\theta)$. ^{20}Ne deduced resonance parameters. REPT CNS-REP-69,P37,Fujikawa
	2007RU01	NUCLEAR REACTIONS ^{16}O(polarized ^{7}Li, ^{7}Li), E=42 MeV; measured $\sigma(\theta)$, tensor analyzing powers. ^{16}O(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E(cm)=6.26-34.78 MeV; analyzed data; deduced parameters. ^{16}O(^{7}Li, t), E=15-38 MeV; calculated $\sigma(\theta)$. Coupled reaction channels method. JOUR PRVCA 75 024612
	2007SP03	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, α), E=2.1-4.75 MeV; measured Eγ, Iγ; deduced σ, astrophysical S-factors, resonance features. JOUR PRLTA 98 122501
	2007SPZZ	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, α), E=2.10-4.75; measured Eγ, Iγ; deduced astrophysical S-factors, resonance features. PREPRINT nucl-ex/0702023,2/9/2007

A=21

^{21}N	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{21}O	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{21}Na	2006FAZY	NUCLEAR REACTIONS ^{20}Ne(p, γ), E=600-1400 keV; measured Eγ, Iγ; deduced σ, resonance strength. Comparison with previous results. REPT GSI 2006-1,P155,Falahat

A=22

^{22}F	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305

A=23

^{23}O	2006SCZV	NUCLEAR REACTIONS Be(^{26}Ne, X), E=86 MeV / nucleon; measured En, charged particle spectra, (fragment)n-coin. ^{23}O deduced excited state energy. PREPRINT nucl-ex/0612024,12/21/2006
	2007EL02	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E=34 MeV / nucleon; measured excitation energy spectrum. ^{23}O deduced resonance energies, neutron shell features. JOUR PRLTA 98 102502
	2007ELZZ	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E=34 MeV / nucleon; measured excitation energy spectrum. ^{23}O deduced resonance energies, neutron shell features. REPT RIKEN-NC-NP-4,Elekes
	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{23}F	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{23}Na	2006KA65	NUCLEAR REACTIONS ^{22}Ne(p, γ), E=0.8-2.5 MeV; measured Eγ, Iγ, excitation function, angular distribution; deduced resonance structure. JOUR BRSPE 70 860
	2007SP03	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, α), E=2.1-4.75 MeV; measured Eγ, Iγ; deduced σ, astrophysical S-factors, resonance features. JOUR PRLTA 98 122501
	2007SPZZ	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, α), E=2.10-4.75; measured Eγ, Iγ; deduced astrophysical S-factors, resonance features. PREPRINT nucl-ex/0702023,2/9/2007

A=24

^{24}F	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{24}Ne	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{24}Na	2006ARZX	NUCLEAR REACTIONS ^{27}Al(n, α), E=14 MeV; ^{144}Sm, ^{206,208}Pb(n, 2n), E=14 MeV; measured isomer production σ. REPT JAEA-Conf 2006-009,P89,Arakita
^{24}Mg	2006VA20	NUCLEAR REACTIONS ^{28}Si(p, p'X)^{24}Mg, E=1 GeV; measured Eγ, Ep, pγ-coin; deduced σ, reaction mechanism features. JOUR JTPLA 83 433

A=25

^{25}Ne	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
^{25}Al	2006PEZV	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E=3.43 MeV / nucleon; measured Ep. REPT CNS-REP-69,P8,Pearson

A=26

^{26}Ne	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2007GIZY	NUCLEAR REACTIONS Pb(^{26}Ne, ^{26}Ne'), E=54 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, σ(E, θ). ^{26}Ne deduced transition B(E2). REPT RIKEN-NC-NP-5,Gibelin
	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{26}Na	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
	2007SU05	RADIOACTIVITY ^{23}O, ^{21}N, ^{24}F, ^{26}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{23}O(β^-n); measured β-delayed neutron spectra; deduced neutron emission probability. ^{23}F, ^{26}Na deduced levels, J, π, β-feeding intensities. JOUR PRVCA 75 024305
^{26}Si	2006KWZZ	NUCLEAR REACTIONS ^{28}Si(α, ^{6}He), E=120 MeV; measured σ(E, θ). ^{26}Si deduced level energies. REPT CNS-REP-69,P3,Kwon

A=27

^{27}Ne	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305
^{27}Na	2006OB05	NUCLEAR REACTIONS ^{2}H(^{26}Ne, ^{26}Ne'), (^{26}Ne, ^{25}Ne), (^{26}Ne, ^{27}Ne), (^{26}Ne, ^{26}Na), (^{26}Ne, ^{27}Na), E=9.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25,26,27}Ne, ^{26,27}Na deduced levels, J, π. Exogam array, Vamos spectrometer, comparison with previous results and model predictions. JOUR PRVCA 74 064305

A=27 *(continued)*

^{27}Al	2007FI01	NUCLEAR REACTIONS ^{27}Al(^{6}Li, ^{6}Li), E=7, 8, 10, 12, 18 MeV; measured $\sigma(\theta)$; deduced breakup threshold anomaly, optical model parameters. Woods-Saxon optical potential, double-folding Sao Paolo potential. JOUR PRVCA 75 017602

A=28

^{28}Na	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
^{28}Al	2006GE20	NUCLEAR REACTIONS B, C, ^{27}Al, Cu, ^{115}In(polarized n, γ), E=low; measured Eγ, I$\gamma(\theta)$; deduced upper bounds on parity-violating γ-ray asymmetry. JOUR PRVCA 74 065503
^{28}Si	2006BR31	NUCLEAR REACTIONS ^{28}Si(^{6}Li, dα), E=47 MeV; measured Ed, Eα, dα-coin, angular correlations. ^{28}Si, ^{32}S deduced excited states energies. JOUR PHSTB 74 692

A=29

^{29}Na	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui

A=30

^{30}Ne	2007TRZZ	RADIOACTIVITY ^{30}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{30}Na deduced levels, J, π. Comparison with model predictions. PREPRINT nucl-ex/0703015,3/8/2007
^{30}Na	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
	2007TRZZ	RADIOACTIVITY ^{30}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{30}Na deduced levels, J, π. Comparison with model predictions. PREPRINT nucl-ex/0703015,3/8/2007

A=30 *(continued)*

^{30}Mg	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
	2007MA04	RADIOACTIVITY ^{32}Na(β^-), (β^-n), (β^-2n) [from Ta(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg deduced levels, J, π. ^{30,31}Mg deduced transitions. JOUR PRVCA 75 017302

A=31

^{31}Na	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
^{31}Mg	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
	2007MA04	RADIOACTIVITY ^{32}Na(β^-), (β^-n), (β^-2n) [from Ta(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg deduced levels, J, π. ^{30,31}Mg deduced transitions. JOUR PRVCA 75 017302

A=32

^{32}Na	2007MA04	RADIOACTIVITY ^{32}Na(β^-), (β^-n), (β^-2n) [from Ta(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg deduced levels, J, π. ^{30,31}Mg deduced transitions. JOUR PRVCA 75 017302
^{32}Mg	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
	2006SUZX	NUCLEAR REACTIONS Au(^{32}Mg, ^{32}Mg'), E=26.1 MeV / nucleon; measured Doppler-shifted Eγ, Iγ. ^{32}Mg level deduced $T_{1/2}$. REPT CNS-REP-69,P35,Suzuki
	2007MA04	RADIOACTIVITY ^{32}Na(β^-), (β^-n), (β^-2n) [from Ta(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg deduced levels, J, π. ^{30,31}Mg deduced transitions. JOUR PRVCA 75 017302

A=32 *(continued)*

^{32}Al	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
	2007KAZZ	RADIOACTIVITY ^{32}Al(β^-); measured β-NMR spectra; deduced electric quadrupole moment. REPT RIKEN-NC-NP-6,Kameda
	2007KAZZ	NUCLEAR MOMENTS ^{32}Al; measured β-NMR spectra; deduced electric quadrupole moment. REPT RIKEN-NC-NP-6,Kameda
^{32}Si	2007KAZZ	RADIOACTIVITY ^{32}Al(β^-); measured β-NMR spectra; deduced electric quadrupole moment. REPT RIKEN-NC-NP-6,Kameda
^{32}S	2006BR31	NUCLEAR REACTIONS ^{28}Si(^{6}Li, dα), E=47 MeV; measured Ed, Eα, dα-coin, angular correlations. ^{28}Si, ^{32}S deduced excited states energies. JOUR PHSTB 74 692

A=33

^{33}Mg	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
^{33}Al	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui

A=34

^{34}Al	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui

A=35

^{35}Al	2006FUZX	NUCLEAR REACTIONS He(^{28}Na, X), (^{29}Na, X), (^{30}Na, X), (^{31}Na, X), (^{30}Mg, X), (^{31}Mg, X), (^{32}Mg, X), (^{33}Mg, X), (^{32}Al, X), (^{33}Al, X), (^{34}Al, X), (^{35}Al, X), (^{34}Si, X), (^{35}Si, X), (^{36}Si, X), (^{36}P, X), (^{37}P, X), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28,29,30,31}Na, ^{30,31,32,33}Mg, ^{32,33,34,35}Al deduced transitions. REPT CNS-REP-69,P19,Fukui
^{35}Cl	2007KS01	NUCLEAR REACTIONS ^{12}C(^{28}Si, pα), E=70, 88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{35}Cl deduced levels J, π, δ, $T_{1/2}$. INGA array, shell model calculations. JOUR NUPAB 781 277

A=36

^{36}Ca	2006DOZV	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, ^{36}CaX), E=196 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{36}Ca deduced excited state energy. REPT GSI 2006-1,P145,Doornebal

A=37

No references found

A=38

^{38}K	2007PR03	NUCLEAR REACTIONS ^{40}Ca(d, α), E=4.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, DSA. ^{38}K deduced levels, J, π, $T_{1/2}$. JOUR PRVCA 75 014309

A=39

No references found

A=40

^{40}Ar	2006LIZX	NUCLEAR REACTIONS ^{9}Be(^{38}S, X)^{42}Ca / ^{43}Ca / ^{40}Ar, E=5.45 MeV / nucleon; measured Eγ, Iγ. REPT CNS-REP-69,P6,Liu
^{40}K	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760
^{40}Ca	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760

A=41

^{41}Sc	2007GIZZ	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, pp-coin, $T_{1/2}$. ^{43}Cr(β^+2p) [from Ni(^{58}Ni, X)]; measured β-delayed Ep, pp-coin. Time-projection chamber. PREPRINT nucl-ex/0703011,3/5/2007

A=42

^{42}Ca	2006LIZX	NUCLEAR REACTIONS ^{9}Be(^{38}S, X)^{42}Ca / ^{43}Ca / ^{40}Ar, E=5.45 MeV / nucleon; measured Eγ, Iγ. REPT CNS-REP-69,P6,Liu

A=43

^{43}Ca	2006LIZX	NUCLEAR REACTIONS ^{9}Be(^{38}S, X)^{42}Ca / ^{43}Ca / ^{40}Ar, E=5.45 MeV / nucleon; measured Eγ, Iγ. REPT CNS-REP-69,P6,Liu
^{43}Sc	2006ZA11	NUCLEAR REACTIONS Ti(p, X)^{48}V / ^{47}Sc / ^{44m}Sc / ^{44}Sc / ^{43}Sc, E $\approx$ 4-27 MeV; measured excitation functions. Stacked-foil activation. JOUR RAACA 94 795
^{43}Cr	2007GIZZ	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, pp-coin, $T_{1/2}$. ^{43}Cr(β^+2p) [from Ni(^{58}Ni, X)]; measured β-delayed Ep, pp-coin. Time-projection chamber. PREPRINT nucl-ex/0703011,3/5/2007

A=44

^{44}Sc	2006AH10	RADIOACTIVITY ^{44}Ti(EC) [from ^{45}Sc(p, 2n)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 065803
	2006ZA11	NUCLEAR REACTIONS Ti(p, X)^{48}V / ^{47}Sc / ^{44m}Sc / ^{44}Sc / ^{43}Sc, E $\approx$ 4-27 MeV; measured excitation functions. Stacked-foil activation. JOUR RAACA 94 795
	2007NG01	NUCLEAR REACTIONS ^{45}Sc(γ, n), ^{103}Rh(γ, 4n), E=65 MeV / bremsstrahlung; Ti(γ, X)^{44}Sc, E=65 MeV / bremsstrahlung; Fe(γ, X)^{52}Mn, E=65 MeV / bremsstrahlung; measured σ, isomer ratios. Activation method. JOUR KPSJA 50 417
^{44}Ti	2006AH10	RADIOACTIVITY ^{44}Ti(EC) [from ^{45}Sc(p, 2n)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 74 065803

A=45

^{45}Fe	2007GIZZ	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, pp-coin, $T_{1/2}$. ^{43}Cr(β^+2p) [from Ni(^{58}Ni, X)]; measured β-delayed Ep, pp-coin. Time-projection chamber. PREPRINT nucl-ex/0703011,3/5/2007

A=46

^{46}Ti	2006KMZZ	NUCLEAR REACTIONS ^{19}F(^{27}Al, X), E=144 MeV; measured Eγ, Eα, angular distributions, $\alpha\gamma$-, (recoil)α-coin. ^{46}Ti deduced large deformation at high spin, GDR strength distribution, Jacobi shape transition. Comparison with previous results and model predictions. PREPRINT nucl-ex/0612029,12/28/2006
	2007WE01	NUCLEAR REACTIONS ^{46,50}Ti(^{16}O, ^{16}O), E=30-70 MeV; measured elastic $\sigma(\theta)$; deduced model parameters, threshold anomaly. No unexpected structure effects observed. JOUR NUPAB 781 342
^{46}Cr	2007GA03	NUCLEAR REACTIONS ^{12}C(^{36}Ar, 2n), E=105 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{46}Cr deduced levels, J, π, analog states features. Gammasphere array, fragment separator. JOUR PRVCA 75 014307

A=47

^{47}Sc	2006ZA11	NUCLEAR REACTIONS Ti(p, X)^{48}V / ^{47}Sc / ^{44m}Sc / ^{44}Sc / ^{43}Sc, E $\approx$ 4-27 MeV; measured excitation functions. Stacked-foil activation. JOUR RAACA 94 795
^{47}Ti	2007SC03	NUCLEAR MOMENTS ^{47}Ti; measured hyperfine-induced transition rate in beryllium-like ions. JOUR PRLTA 98 033001

A=48

^{48}V	2006ZA11	NUCLEAR REACTIONS Ti(p, X)^{48}V / ^{47}Sc / ^{44m}Sc / ^{44}Sc / ^{43}Sc, E $\approx$ 4-27 MeV; measured excitation functions. Stacked-foil activation. JOUR RAACA 94 795

A=49

No references found

A=50

^{50}Ti	2007WE01	NUCLEAR REACTIONS ^{46,50}Ti(^{16}O, ^{16}O), E=30-70 MeV; measured elastic $\sigma(\theta)$; deduced model parameters, threshold anomaly. No unexpected structure effects observed. JOUR NUPAB 781 342

A=51

^{51}V	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=51 *(continued)*

^{51}Cr	2006ITZY	NUCLEAR REACTIONS Fe, Ta(d, nX), E=40 MeV; measured neutron spectra, $\sigma(\theta)$. Fe(d, X)^{51}Cr / ^{52}Mn / ^{56}Co / ^{57}Co, E $\approx$ 5-40 MeV; measured production σ. REPT JAEA-Conf 2006-009,P124,Itoga
	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=52

^{52}Cr	2007EN02	NUCLEAR REACTIONS ^{52}Cr(γ, γ'), E=8.0, 9.9 MeV bremsstrahlung; measured Eγ, Iγ. ^{52}Cr deduced 2^+ states energies, B(E2). JOUR ZAANE 31 15
^{52}Mn	2006ITZY	NUCLEAR REACTIONS Fe, Ta(d, nX), E=40 MeV; measured neutron spectra, $\sigma(\theta)$. Fe(d, X)^{51}Cr / ^{52}Mn / ^{56}Co / ^{57}Co, E $\approx$ 5-40 MeV; measured production σ. REPT JAEA-Conf 2006-009,P124,Itoga
	2007NG01	NUCLEAR REACTIONS ^{45}Sc(γ, n), ^{103}Rh(γ, 4n), E=65 MeV / bremsstrahlung; Ti(γ, X)^{44}Sc, E=65 MeV / bremsstrahlung; Fe(γ, X)^{52}Mn, E=65 MeV / bremsstrahlung; measured σ, isomer ratios. Activation method. JOUR KPSJA 50 417

A=53

No references found

A=54

^{54}Cr	2006BUZV	NUCLEAR REACTIONS Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced excited states energies, B(E2). Comparison with model predictions and previous results. REPT GSI 2006-1,P146,Burger

A=55

^{55}Mn	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{55}Fe	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=56

^{56}Cr	2006BUZV	NUCLEAR REACTIONS Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced excited states energies, B(E2). Comparison with model predictions and previous results. REPT GSI 2006-1,P146,Burger
	2006ZH42	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{56}Cr / ^{58}Cr, E=305 MeV; ^{238}U(^{48}Ca, X)^{56}Cr / ^{58}Cr / ^{60}Cr, E=330 MeV; ^{14}C(^{48}Ca, 2p), (^{48}Ca, 2nα), E=130 MeV; measured Eγ, Iγ, (particle)γ, $\gamma\gamma$-coin. ^{56,58,60}Cr deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 74 064315
^{56}Co	2006ITZY	NUCLEAR REACTIONS Fe, Ta(d, nX), E=40 MeV; measured neutron spectra, $\sigma(\theta)$. Fe(d, X)^{51}Cr / ^{52}Mn / ^{56}Co / ^{57}Co, E $\approx$ 5-40 MeV; measured production σ. REPT JAEA-Conf 2006-009,P124,Itoga

A=57

^{57}Co	2006ITZY	NUCLEAR REACTIONS Fe, Ta(d, nX), E=40 MeV; measured neutron spectra, $\sigma(\theta)$. Fe(d, X)^{51}Cr / ^{52}Mn / ^{56}Co / ^{57}Co, E $\approx$ 5-40 MeV; measured production σ. REPT JAEA-Conf 2006-009,P124,Itoga
^{57}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=58

^{58}Cr	2006BUZV	NUCLEAR REACTIONS Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced excited states energies, B(E2). Comparison with model predictions and previous results. REPT GSI 2006-1,P146,Burger
	2006ZH42	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{56}Cr / ^{58}Cr, E=305 MeV; ^{238}U(^{48}Ca, X)^{56}Cr / ^{58}Cr / ^{60}Cr, E=330 MeV; ^{14}C(^{48}Ca, 2p), (^{48}Ca, 2nα), E=130 MeV; measured Eγ, Iγ, (particle)γ, $\gamma\gamma$-coin. ^{56,58,60}Cr deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 74 064315
^{58}Co	2006SI37	NUCLEAR REACTIONS ^{51}V(^{10}B, 2np), E=33, 36 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{58}Co deduced high-spin levels, J, π, $T_{1/2}$, configurations, B(M1), B(E2). Shell-model calculations. JOUR PRVCA 74 064312

A=59

No references found

A=60

^{60}Cr	2006ZH42	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X)^{56}Cr / ^{58}Cr, E=305 MeV; ^{238}U(^{48}Ca, X)^{56}Cr / ^{58}Cr / ^{60}Cr, E=330 MeV; ^{14}C(^{48}Ca, 2p), (^{48}Ca, 2nα), E=130 MeV; measured Eγ, Iγ, (particle)γ, $\gamma\gamma$-coin. ^{56,58,60}Cr deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 74 064315
^{60}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=61

^{61}Co	2006AL31	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{61}Cu / ^{61}Co, E $\approx$ 2-27 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation, comparison with model predictions. JOUR RAACA 94 391
^{61}Cu	2006AL31	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{61}Cu / ^{61}Co, E $\approx$ 2-27 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation, comparison with model predictions. JOUR RAACA 94 391

A=62

^{62}Zn	2006AL31	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{61}Cu / ^{61}Co, E $\approx$ 2-27 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation, comparison with model predictions. JOUR RAACA 94 391
	2007STZZ	NUCLEAR REACTIONS C(^{63}Zn, ^{62}ZnX), (^{65}Ge, ^{64}GeX), E not given; measured Doppler-shifted Eγ, Iγ, (recoil)γ-coin. ^{64}Ge, ^{62}Zn deduced transitions $T_{1/2}$, B(E2), quadrupole moments. Recoil distance method, comparison with model predictions. PREPRINT nucl-ex/0703021,3/13/2007

A=63

^{63}Zn	2006AB61	NUCLEAR REACTIONS ^{64,67}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 63
	2006AL31	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{61}Cu / ^{61}Co, E $\approx$ 2-27 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation, comparison with model predictions. JOUR RAACA 94 391
^{63}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=64

^{64}Fe	2006HO20	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. JOUR PRVCA 74 064313
^{64}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{64}Cu	2006AB61	NUCLEAR REACTIONS ^{64,67}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 63
	2007KI03	NUCLEAR REACTIONS ^{63}Cu, ^{186}W(n, γ), E=1-2 MeV; measured capture σ. JOUR JRNCD 271 553
	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{64}Zn	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{64}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{64}Ge	2007STZZ	NUCLEAR REACTIONS C(^{63}Zn, ^{62}ZnX), (^{65}Ge, ^{64}GeX), E not given; measured Doppler-shifted Eγ, Iγ, (recoil)γ-coin. ^{64}Ge, ^{62}Zn deduced transitions $T_{1/2}$, B(E2), quadrupole moments. Recoil distance method, comparison with model predictions. PREPRINT nucl-ex/0703021,3/13/2007

A=65

^{65}Ni	2006AB61	NUCLEAR REACTIONS ^{64,67}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 63
	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=65 *(continued)*

^{65}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{65}Zn	2006AL31	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn / ^{61}Cu / ^{61}Co, E ≈ 2-27 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation, comparison with model predictions. JOUR RAACA 94 391
	2007KO18	NUCLEAR REACTIONS ^{64}Zn(d, p), E=19.5 MeV; measured Eγ, Iγ, radiochemical yield. JOUR RAACA 95 75
^{65}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=66

^{66}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{66}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=67

^{67}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{67}Cu	2006AB61	NUCLEAR REACTIONS ^{64,67}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 63
	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{67}Zn	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=67 *(continued)*

^{67}Ga	2007BA04	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, 2n), E=17.9-23.9 MeV; ^{197}Au(α, n), E=13.4-23.9 MeV; measured σ. ^{64}Zn(α, γ), E=7-14 MeV; ^{63}Cu(α, γ), E=7 MeV; measured thick target yields. Activation technique, comparison with model predictions. JOUR PRVCA 75 015802
	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=68

^{68}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{68}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
	2007ST03	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.83 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams, comparison with large-scale shell model calculations. JOUR PRLTA 98 122701
^{68}Zn	2007BO04	NUCLEAR REACTIONS ^{12}C(^{68}Zn, ^{68}Zn'), E=180, 200 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn deduced levels, J, π, g. Transient field technique. Comparison with model predictions. JOUR PRVCA 75 021302
^{68}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{68}Ge	2007BA04	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, 2n), E=17.9-23.9 MeV; ^{197}Au(α, n), E=13.4-23.9 MeV; measured σ. ^{64}Zn(α, γ), E=7-14 MeV; ^{63}Cu(α, γ), E=7 MeV; measured thick target yields. Activation technique, comparison with model predictions. JOUR PRVCA 75 015802

A=69

^{69}Ni	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=69 *(continued)*

^{69}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{69}Ga	2006HO20	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. JOUR PRVCA 74 064313
	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{69}Ge	2007BEZZ	NUCLEAR REACTIONS ^{70,72,76}Ge(n, 2n), ^{76}Ge(n, γ), E=13.96 MeV; measured σ. Activation technique. PREPRINT nucl-ex/0701039,01/23/2007

A=70

^{70}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
	2007ST03	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.83 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams, comparison with large-scale shell model calculations. JOUR PRLTA 98 122701
^{70}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{70}Se	2007HU03	NUCLEAR REACTIONS ^{104}Pd(^{70}Se, ^{70}Se'), E=206 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Se deduced prolate deformation. JOUR PRLTA 98 072501

A=71

^{71}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{71}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=71 *(continued)*

^{71}Ge	2007BEZZ	NUCLEAR REACTIONS ^{70,72,76}Ge(n, 2n), ^{76}Ge(n, γ), E=13.96 MeV; measured σ. Activation technique. PREPRINT nucl-ex/0701039,01/23/2007

A=72

^{72}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{72}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{72}Ge	2007FRZZ	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(p, t), E=23 MeV; measured triton spectra, σ(E, θ). ^{76}Ge, ^{76}Se deduced neutron-pair correlation features. PREPRINT nucl-ex/0701003,01/03/2007

A=73

^{73}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{73}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007

A=74

^{74}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{74}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{74}Ge	2007BA26	RADIOACTIVITY ^{74}Se(β^+EC), (2EC); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR NUPAB 785 371
	2007FRZZ	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(p, t), E=23 MeV; measured triton spectra, σ(E, θ). ^{76}Ge, ^{76}Se deduced neutron-pair correlation features. PREPRINT nucl-ex/0701003,01/03/2007
^{74}Se	2007BA26	RADIOACTIVITY ^{74}Se(β^+EC), (2EC); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR NUPAB 785 371

A=74 *(continued)*

	2007FRZZ	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(p, t), E=23 MeV; measured triton spectra, σ(E, θ). ^{76}Ge, ^{76}Se deduced neutron-pair correlation features. PREPRINT nucl-ex/0701003,01/03/2007

A=75

^{75}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{75}Ge	2007BEZZ	NUCLEAR REACTIONS ^{70,72,76}Ge(n, 2n), ^{76}Ge(n, γ), E=13.96 MeV; measured σ. Activation technique. PREPRINT nucl-ex/0701039,01/23/2007

A=76

^{76}Cu	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{76}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{76}Ge	2007FRZZ	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(p, t), E=23 MeV; measured triton spectra, σ(E, θ). ^{76}Ge, ^{76}Se deduced neutron-pair correlation features. PREPRINT nucl-ex/0701003,01/03/2007
^{76}Se	2007FRZZ	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(p, t), E=23 MeV; measured triton spectra, σ(E, θ). ^{76}Ge, ^{76}Se deduced neutron-pair correlation features. PREPRINT nucl-ex/0701003,01/03/2007
	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{76}Br	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{76}Sr	2007DA04	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2n2p), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{76}Sr deduced high-spin levels, J, π, configurations. Gammasphere, Microball arrays, comparison with model predictions. JOUR PRVCA 75 011302

A=77

^{77}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{77}Ge	2007BEZZ	NUCLEAR REACTIONS ^{70,72,76}Ge(n, 2n), ^{76}Ge(n, γ), E=13.96 MeV; measured σ. Activation technique. PREPRINT nucl-ex/0701039,01/23/2007
	2007LI06	RADIOACTIVITY ^{77}Ge(β^-); measured $T_{1/2}$. JOUR JRNCD 271 311
^{77}As	2007LI06	RADIOACTIVITY ^{77}Ge(β^-); measured $T_{1/2}$. JOUR JRNCD 271 311

A=78

^{78}Ga	2007GUZZ	ATOMIC MASSES ^{57,60,64,65,66,67,68,69}Ni, ^{65,66,67,68,68m,69,70,70m,71,72,73,74,76}Cu, ^{63,64,65,68,69,70,71,72,73,74,75,76,77,78}Ga; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701029,01/22/2007
^{78}Se	2006GA43	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. JOUR PANUE 69 2124
^{78}Kr	2006GA43	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. JOUR PANUE 69 2124

A=79

^{79}Se	2007BI01	RADIOACTIVITY ^{79}Se(β^-); measured $T_{1/2}$. Inductively coupled plasma mass spectrometry, liquid scintillation counting. JOUR ARISE 65 355
^{79}Br	2007BI01	RADIOACTIVITY ^{79}Se(β^-); measured $T_{1/2}$. Inductively coupled plasma mass spectrometry, liquid scintillation counting. JOUR ARISE 65 355

A=80

^{80}Ga	2007VEZZ	RADIOACTIVITY ^{81}Zn(β^-), (β^-n) [from U(n, F)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{81}Ga deduced levels, J, π. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0701066,1/26/2007

A=81

^{81}Zn	2007VEZZ	RADIOACTIVITY ^{81}Zn(β^-), (β^-n) [from U(n, F)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{81}Ga deduced levels, J, π. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0701066,1/26/2007
^{81}Ga	2007VEZZ	RADIOACTIVITY ^{81}Zn(β^-), (β^-n) [from U(n, F)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{81}Ga deduced levels, J, π. Level systematics in neighboring nuclides discussed. PREPRINT nucl-ex/0701066,1/26/2007

A=82

^{82}Se	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
^{82}Kr	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731

A=83

No references found

A=84

^{84}Br	2006AS07	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{84}Br / ^{85}Br, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,85}Br deduced high-spin levels, J, π, configurations. Euroball IV array. JOUR ZAANE 30 541

A=85

^{85}Br	2006AS07	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{84}Br / ^{85}Br, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,85}Br deduced high-spin levels, J, π, configurations. Euroball IV array. JOUR ZAANE 30 541
	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007

A=86

^{86}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{86}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{86}Zr	2007KA12	NUCLEAR REACTIONS Rb(α, xn)^{87}Y / ^{87m}Y / ^{88}Y, E=threshold-26 MeV; Sr(α, xn)^{86}Zr / ^{88}Zr / ^{89}Zr, E=threshold-26 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 65 561

A=87

^{87}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{87}Rb	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760
^{87}Sr	2007GR05	RADIOACTIVITY ^{10}Be, ^{40}K, ^{87}Rb(β^-); measured Eβ; deduced shape-factor functions, cutoff energy yields, maximum-point energies. Comparison with previous results. JOUR NIMAE 572 760
^{87}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
	2007KA12	NUCLEAR REACTIONS Rb(α, xn)^{87}Y / ^{87m}Y / ^{88}Y, E=threshold-26 MeV; Sr(α, xn)^{86}Zr / ^{88}Zr / ^{89}Zr, E=threshold-26 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 65 561

A=88

^{88}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{88}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
	2007KA12	NUCLEAR REACTIONS Rb(α, xn)^{87}Y / ^{87m}Y / ^{88}Y, E=threshold-26 MeV; Sr(α, xn)^{86}Zr / ^{88}Zr / ^{89}Zr, E=threshold-26 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 65 561
^{88}Zr	2007KA12	NUCLEAR REACTIONS Rb(α, xn)^{87}Y / ^{87m}Y / ^{88}Y, E=threshold-26 MeV; Sr(α, xn)^{86}Zr / ^{88}Zr / ^{89}Zr, E=threshold-26 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 65 561

A=89

^{89}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{89}Sr	2006AB62	NUCLEAR REACTIONS ^{90,91}Zr(n, p), ^{92,94}Zr(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 381

A=89 *(continued)*

^{89}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{89}Zr	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606
	2007KA12	NUCLEAR REACTIONS Rb(α, xn)^{87}Y / ^{87m}Y / ^{88}Y, E=threshold-26 MeV; Sr(α, xn)^{86}Zr / ^{88}Zr / ^{89}Zr, E=threshold-26 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 65 561

A=90

^{90}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{90}Y	2006AB62	NUCLEAR REACTIONS ^{90,91}Zr(n, p), ^{92,94}Zr(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 381
	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
	2007SE01	RADIOACTIVITY ^{90}Y(β^-); measured Eγ, Iγ. ^{90}Zr transition deduced branching ratio for internal pair production. JOUR ARISE 65 318
^{90}Zr	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606
	2007SE01	RADIOACTIVITY ^{90}Y(β^-); measured Eγ, Iγ. ^{90}Zr transition deduced branching ratio for internal pair production. JOUR ARISE 65 318
	2007VA01	NUCLEAR REACTIONS ^{90}Zr(α, t), (α, pt), E=180 MeV; measured triton and proton spectra, pt-coin. ^{91}Nb deduced excited states energies, proton emission features. Optical-model coupled-channels analysis. JOUR PRVCA 75 014311

A=91

^{91}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{91}Sr	2006AB62	NUCLEAR REACTIONS ^{90,91}Zr(n, p), ^{92,94}Zr(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 381
^{91}Y	2006AB62	NUCLEAR REACTIONS ^{90,91}Zr(n, p), ^{92,94}Zr(n, α), E=reactor; measured spectrum-averaged σ. Activation, radiochemical separation. JOUR RAACA 94 381

A=91 *(continued)*

^{91}Nb	2007VA01	NUCLEAR REACTIONS ^{90}Zr(α, t), (α, pt), E=180 MeV; measured triton and proton spectra, pt-coin. ^{91}Nb deduced excited states energies, proton emission features. Optical-model coupled-channels analysis. JOUR PRVCA 75 014311

A=92

^{92}Br	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{92}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{92}Zr	2007NA05	NUCLEAR REACTIONS ^{91,93}Zr(n, γ), E=thermal; measured prompt Eγ, Iγ; deduced σ lower limits. JOUR JNSTA 44 21

A=93

^{93}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{93}Nb	2006WAZX	NUCLEAR REACTIONS ^{82}Se(^{16}O, 4np), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization. ^{93}Nb deduced high-spin levels, J, π, isomer $T_{1/2}$. REPT CNS-REP-69,P25,Wakabayashi
	2007CH20	NUCLEAR REACTIONS ^{93}Nb(t, t), E=12 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR APOBB 38 181
	2007OR01	NUCLEAR REACTIONS ^{93}Nb(γ, γ'), E=2.75 MeV bremsstrahlung; measured Eγ, Iγ. ^{93}Nb(n, n'γ), E=2.1, 2.6 MeV; measured Eγ, Iγ, DSA. ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{93}Nb deduced levels, J, π, δ, $T_{1/2}$. JOUR PRVCA 75 014303

A=94

^{94}Rb	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{94}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133

A=94 *(continued)*

^{94}Zr	2007EL01	NUCLEAR REACTIONS ^{94}Zr(n, n'γ), E=2.3 MeV; measured Eγ, Iγ, DSA. ^{94}Zr deduced levels, J, π, δ, B(M1), B(E2), mixed-symmetry state. JOUR PRVCA 75 011301
	2007NA05	NUCLEAR REACTIONS ^{91,93}Zr(n, γ), E=thermal; measured prompt Eγ, Iγ; deduced σ lower limits. JOUR JNSTA 44 21
^{94}Tc	2007SH01	NUCLEAR REACTIONS ^{93}Nb(α, n), (α, 2n), (α, 3n), E $\approx$ 10-40 MeV; measured excitation functions, isomer ratios; deduced role of pre-equilibrium neutron emission. Stacked-foil activation technique. JOUR ZAANE 31 43

A=95

^{95}Rb	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{95}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{95}Tc	2007SH01	NUCLEAR REACTIONS ^{93}Nb(α, n), (α, 2n), (α, 3n), E $\approx$ 10-40 MeV; measured excitation functions, isomer ratios; deduced role of pre-equilibrium neutron emission. Stacked-foil activation technique. JOUR ZAANE 31 43

A=96

^{96}Rb	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{96}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{96}Zr	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
^{96}Mo	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731

A=96 *(continued)*

^{96}Tc	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301
	2007SH01	NUCLEAR REACTIONS ^{93}Nb(α, n), (α, 2n), (α, 3n), E $\approx$ 10-40 MeV; measured excitation functions, isomer ratios; deduced role of pre-equilibrium neutron emission. Stacked-foil activation technique. JOUR ZAANE 31 43

A=97

^{97}Rb	2007RAZY	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses. Penning trap mass spectrometer. PREPRINT nucl-ex/0703017,3/12/2007
^{97}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133

A=98

^{98}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{98}Zr	2006SI36	RADIOACTIVITY ^{98}Zr(IT) [from ^{239}Pu(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{98}Zr deduced levels, J, π, configurations. JOUR PRVCA 74 064308
	2006SI36	NUCLEAR REACTIONS ^{239}Pu(n, F), E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{98}Zr deduced high-spin isomer, $T_{1/2}$, configurations. Mass separator. JOUR PRVCA 74 064308
^{98}Mo	2007LA03	NUCLEAR REACTIONS ^{168}Er(^{30}Si, F)^{98}Mo / ^{100}Mo / ^{102}Mo, E=142 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98,100,102}Mo deduced levels, J, π. Euroball III array, Soft-octupole vibration model analysis. JOUR PRVCA 75 014314
^{98}Rh	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301

A=99

^{99}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133

A=99 *(continued)*

^{99}Tc	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{99}Ru	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{99}Rh	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301
	2007NG01	NUCLEAR REACTIONS ^{45}Sc(γ, n), ^{103}Rh(γ, 4n), E=65 MeV / bremsstrahlung; Ti(γ, X)^{44}Sc, E=65 MeV / bremsstrahlung; Fe(γ, X)^{52}Mn, E=65 MeV / bremsstrahlung; measured σ, isomer ratios. Activation method. JOUR KPSJA 50 417

A=100

^{100}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{100}Zr	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{100}Nb	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{100}Mo	2006CH64	NUCLEAR REACTIONS ^{100}Mo(t, t), E=12 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR APSVC 56 491
	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo(2β^-); measured 0$\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd(2β^-); measured 2$\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd(2β^-); measured 2$\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo(2β^-); measured 0$\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
	2007LA03	NUCLEAR REACTIONS ^{168}Er(^{30}Si, F)^{98}Mo / ^{100}Mo / ^{102}Mo, E=142 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98,100,102}Mo deduced levels, J, π. Euroball III array, Soft-octupole vibration model analysis. JOUR PRVCA 75 014314
^{100}Ru	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo(2β^-); measured 0$\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd(2β^-); measured 2$\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090

A=100 *(continued)*

	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
^{100}Cd	2006KAZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{50}Cr(^{58}Ni, xnyp)]; measured β-delayed proton spectrum. ^{101}Sn deduced ground-state J, π. REPT GSI 2006-1,P152,Kavatsyuk

A=101

^{101}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{101}Sn	2006KAZR	RADIOACTIVITY ^{101}Sn(β^+p) [from ^{50}Cr(^{58}Ni, xnyp)]; measured β-delayed proton spectrum. ^{101}Sn deduced ground-state J, π. REPT GSI 2006-1,P152,Kavatsyuk

A=102

^{102}Y	2007CH07	NUCLEAR MOMENTS ^{86,87,87m,88,88m,89,89m,90,90m,92,93,93m,94,95,96,96m,97,97m,98,98m,99,100,101,102}Y; measured isotope and isomer shifts, μ, quadrupole moments, radii, deformation. Laser spectroscopy. JOUR PYLBB 645 133
^{102}Zr	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{102}Nb	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{102}Mo	2007LA03	NUCLEAR REACTIONS ^{168}Er(^{30}Si, F)^{98}Mo / ^{100}Mo / ^{102}Mo, E=142 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98,100,102}Mo deduced levels, J, π. Euroball III array, Soft-octupole vibration model analysis. JOUR PRVCA 75 014314

A=103

^{103}Rh	2006CH61	NUCLEAR REACTIONS ^{103}Rh(γ, γ'), E=6 MeV bremsstrahlung; measured prompt and delayed Eγ, Iγ; deduced isomer yield. Gravitational effects discussed. JOUR HYIND 167 833

A=103 *(continued)*

^{103}Ag	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301

A=104

^{104}Zr	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{104}Nb	2007RI01	RADIOACTIVITY ^{100,102,104}Zr(β^-); measured β-delayed Eγ, Iγ; deduced Qβ, log ft. ^{100,102,104}Nb deduced levels, J, π. Penning trap. JOUR ZAANE 31 1
	2007RI01	ATOMIC MASSES ^{100,102,104}Zr, ^{100,102,104}Nb; measured masses. Penning trap. JOUR ZAANE 31 1
^{104}Pd	2007HU03	NUCLEAR REACTIONS ^{104}Pd(^{70}Se, ^{70}Se'), E=206 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Se deduced prolate deformation. JOUR PRLTA 98 072501
^{104}Ag	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301

A=105

^{105}Mo	2006PI14	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced levels, J, π, rotational bands, configurations, triaxial deformation. Eurogam2 array. JOUR PRVCA 74 064304
^{105}Ag	2006MU20	NUCLEAR REACTIONS ^{93}Nb(^{16}O, X)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{96}Tc / ^{98}Rh / ^{99}Rh, E=96 MeV; measured production σ, recoil range distributions; deduced contribution from incomplete fusion. JOUR RAACA 94 301
	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng

A=106

^{106}Pd	2006BR32	RADIOACTIVITY ^{106}Cd(β^+EC), (2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 316
	2006RU15	RADIOACTIVITY ^{106}Cd(β^+EC), (2EC); measured 2ν-accompanied decay $T_{1/2}$ lower limits. JOUR PANUE 69 2117

A=106 *(continued)*

^{106}Ag	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng
	2007HU04	NUCLEAR REACTIONS ^{106}Pd(p, n), E=6.1-7.5 MeV; ^{110}Pd(p, n), E=6.0-7.7 MeV; measured excitation functions. ^{107,111}Pd deduced IAR energies, J, π. JOUR CHPHD 16 989
	2007JO01	NUCLEAR REACTIONS ^{100}Mo(^{10}B, 4n), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Ag deduced high-spin levels, J, π, B(M1) / B(E2), configurations, γ-softness. Gammasphere array, total Routhian surface calculation. JOUR PRLTA 98 102501
^{106}Cd	2006BR32	RADIOACTIVITY ^{106}Cd(β^+EC), (2EC); measured $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 316
	2006RU15	RADIOACTIVITY ^{106}Cd(β^+EC), (2EC); measured 2ν-accompanied decay $T_{1/2}$ lower limits. JOUR PANUE 69 2117
	2007LI07	RADIOACTIVITY ^{106}In(β^+), (EC) [from ^{106}Cd(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Cd deduced levels, J, π, δ, configurations, possible quadrupole-octupole coupled state. JOUR PRVCA 75 024310
	2007LI07	NUCLEAR REACTIONS ^{106}Cd(γ, γ'), E=3.1 MeV bremsstrahlung; measured Eγ, Iγ. ^{106}Cd deduced levels, J, π, δ, configurations, possible quadrupole-octupole coupled state. JOUR PRVCA 75 024310
^{106}In	2007LI07	RADIOACTIVITY ^{106}In(β^+), (EC) [from ^{106}Cd(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Cd deduced levels, J, π, δ, configurations, possible quadrupole-octupole coupled state. JOUR PRVCA 75 024310

A=107

^{107}Mo	2006PI14	NUCLEAR REACTIONS ^{241}Pu(n, F), E=thermal; measured prompt and delayed Eγ, Iγ. ^{107}Mo deduced levels, isomer $T_{1/2}$, branching ratios, triaxial deformation. JOUR PRVCA 74 064304
^{107}Tc	2007SI06	RADIOACTIVITY ^{107}Tc(IT) [from ^{241}Pu(n, F)]; measured Eγ, $T_{1/2}$ from mass-separated source. ^{107}Tc deduced isomeric level J, π, configuration, deformation. JOUR PRVCA 75 027301
	2007SI06	NUCLEAR REACTIONS ^{241}Pu(n, F), E=thermal; measured delayed Eγ, Iγ, (particle)γ-coin. ^{107}Tc deduced isomeric level J, π, configuration, deformation. JOUR PRVCA 75 027301
^{107}Pd	2007HU04	NUCLEAR REACTIONS ^{106}Pd(p, n), E=6.1-7.5 MeV; ^{110}Pd(p, n), E=6.0-7.7 MeV; measured excitation functions. ^{107,111}Pd deduced IAR energies, J, π. JOUR CHPHD 16 989
^{107}Ag	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng
^{107}Cd	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng

A=108

^{108}Cd	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng

A=109

^{109}Cd	2006ZHZY	NUCLEAR REACTIONS ^{96}Zr(^{19}F, xnypzα)^{107}Cd / ^{108}Cd / ^{109}Cd / ^{105}Ag / ^{106}Ag / ^{107}Ag, E=5.45, 6.0 MeV / nucleon; measured Eγ, Iγ, (charged particle)γ-coin, γ-ray yields. REPT CNS-REP-69,P12,Zheng

A=110

^{110}Ag	2007HU04	NUCLEAR REACTIONS ^{106}Pd(p, n), E=6.1-7.5 MeV; ^{110}Pd(p, n), E=6.0-7.7 MeV; measured excitation functions. ^{107,111}Pd deduced IAR energies, J, π. JOUR CHPHD 16 989

A=111

^{111}Pd	2007HU04	NUCLEAR REACTIONS ^{106}Pd(p, n), E=6.1-7.5 MeV; ^{110}Pd(p, n), E=6.0-7.7 MeV; measured excitation functions. ^{107,111}Pd deduced IAR energies, J, π. JOUR CHPHD 16 989
^{111}Cd	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{111}In	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=112

^{112}Te	2007PA07	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 4p), (^{58}Ni, 2p), E=240, 250 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{112}Te deduced high-spin levels, J, π, $T_{1/2}$, configurations, deformation, band termination features. ^{114}Xe levels deduced $T_{1/2}$, transition quadrupole moment. Gammasphere, Microball arrays. JOUR PRVCA 75 014308

A=113

^{113}In	2006BI19	NUCLEAR REACTIONS ^{113}In, ^{195}Pt, ^{199}Hg(γ, γ'), E=4-12 MeV; measured isomer production σ. JOUR BRSPE 70 292

A=114

^{114}Xe	2007PA07	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 4p), (^{58}Ni, 2p), E=240, 250 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{112}Te deduced high-spin levels, J, π, $T_{1/2}$, configurations, deformation, band termination features. ^{114}Xe levels deduced $T_{1/2}$, transition quadrupole moment. Gammasphere, Microball arrays. JOUR PRVCA 75 014308

A=115

^{115}In	2007CA05	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ, $T_{1/2}$ for decay to excited state; deduced Qβ, log ft. Implication for neutrino mass discussed. JOUR PANUE 70 127
^{115}Sn	2007CA05	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ, $T_{1/2}$ for decay to excited state; deduced Qβ, log ft. Implication for neutrino mass discussed. JOUR PANUE 70 127
	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606
^{115}Sb	2007OZ01	NUCLEAR REACTIONS ^{112}Sn(α, γ), (α, p), E(cm)=7.59-11.42 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR PRVCA 75 025801

A=116

^{116}Cd	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
^{116}In	2006GE20	NUCLEAR REACTIONS B, C, ^{27}Al, Cu, ^{115}In(polarized n, γ), E=low; measured Eγ, Iγ(θ); deduced upper bounds on parity-violating γ-ray asymmetry. JOUR PRVCA 74 065503
^{116}Sn	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731
	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606
^{116}Te	2007OZ01	NUCLEAR REACTIONS ^{112}Sn(α, γ), (α, p), E(cm)=7.59-11.42 MeV; measured σ; deduced astrophysical S-factors. Activation technique. JOUR PRVCA 75 025801

A=117

No references found

A=118

^{118}Sn	2006HO23	NUCLEAR REACTIONS ^{117}Sn(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, two-step cascade intensities. ^{118}Sn deduced levels. JOUR FIZBE 15 189
	2006NIZT	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=10-100, 570 keV; measured Eγ, Iγ, capture σ. Comparison with model predictions. REPT JAEA-Conf 2006-009,P101,Nishiyama

A=119

No references found

A=120

^{120}Sn	2006NIZT	NUCLEAR REACTIONS ^{117,119}Sn(n, γ), E=10-100, 570 keV; measured Eγ, Iγ, capture σ. Comparison with model predictions. REPT JAEA-Conf 2006-009,P101,Nishiyama
	2007BAZZ	RADIOACTIVITY ^{120}Te(β^+EC), (2EC); measured $T_{1/2}$ lower limits for decay to ground and excited states. PREPRINT nucl-ex/0703020,3/14/2007
	2007ST03	NUCLEAR REACTIONS ^{120}Sn(^{68}Cu, ^{68}Cu'), (^{70}Cu, ^{70}Cu'), E=2.83 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{68,70}Cu deduced transitions B(E2). Isomeric beams, comparison with large-scale shell model calculations. JOUR PRLTA 98 122701
^{120}Te	2007BAZZ	RADIOACTIVITY ^{120}Te(β^+EC), (2EC); measured $T_{1/2}$ lower limits for decay to ground and excited states. PREPRINT nucl-ex/0703020,3/14/2007

A=121

No references found

A=122

^{122}Sb	2007MA15	NUCLEAR REACTIONS Sb(^{7}Li, X)^{125}Xe / ^{123}Xe / ^{124}I / ^{123}I / ^{122}Sb, E=32, 35, 38, 42, 45, 48 MeV; measured yields. JOUR RAACA 95 133

A=123

^{123}I	2007MA15	NUCLEAR REACTIONS Sb(^{7}Li, X)^{125}Xe / ^{123}Xe / ^{124}I / ^{123}I / ^{122}Sb, E=32, 35, 38, 42, 45, 48 MeV; measured yields. JOUR RAACA 95 133
^{123}Xe	2007MA15	NUCLEAR REACTIONS Sb(^{7}Li, X)^{125}Xe / ^{123}Xe / ^{124}I / ^{123}I / ^{122}Sb, E=32, 35, 38, 42, 45, 48 MeV; measured yields. JOUR RAACA 95 133

A=124

^{124}Te	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67
^{124}I	2007MA15	NUCLEAR REACTIONS Sb(^{7}Li, X)^{125}Xe / ^{123}Xe / ^{124}I / ^{123}I / ^{122}Sb, E=32, 35, 38, 42, 45, 48 MeV; measured yields. JOUR RAACA 95 133
	2007NY01	NUCLEAR REACTIONS ^{124}Te(p, n), E=11 MeV; measured thick-target yield. JOUR ARISE 65 407
	2007QA02	RADIOACTIVITY ^{64}Cu(β^-), (β^+), (EC) [from ^{66}Zn(d, α) and Zn(d, X)]; ^{76}Br, ^{124}I(β^+), (EC) [from ^{76}Se, ^{124}Te(p, n)]; measured Eγ, Eβ, X-ray spectra, $\gamma\gamma$-, $\beta\gamma$-coin; deduced positron emission intensities. JOUR RAACA 95 67

A=125

^{125}Xe	2007MA15	NUCLEAR REACTIONS Sb(^{7}Li, X)^{125}Xe / ^{123}Xe / ^{124}I / ^{123}I / ^{122}Sb, E=32, 35, 38, 42, 45, 48 MeV; measured yields. JOUR RAACA 95 133

A=126

No references found

A=127

^{127}Sn	2006ZH47	NUCLEAR REACTIONS ^{126}Sn(n, γ), E=thermal; measured production σ for ground and metastable states. Activation, radiochemical separation. JOUR RAACA 94 385
	2006ZH47	RADIOACTIVITY ^{127,127m}Sn, ^{127}Sb(β^-) [from ^{126}Sn(n, γ) and subsequent decay]; measured Eγ, Iγ. JOUR RAACA 94 385
^{127}Sb	2006ZH47	RADIOACTIVITY ^{127,127m}Sn, ^{127}Sb(β^-) [from ^{126}Sn(n, γ) and subsequent decay]; measured Eγ, Iγ. JOUR RAACA 94 385
^{127}Te	2006ZH47	RADIOACTIVITY ^{127,127m}Sn, ^{127}Sb(β^-) [from ^{126}Sn(n, γ) and subsequent decay]; measured Eγ, Iγ. JOUR RAACA 94 385

A=128

^{128}Sb	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{128}Ce	2006BA75	NUCLEAR REACTIONS ^{100}Mo(^{32}S, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Ce levels deduced $T_{1/2}$, B(E2), symmetry features. DSAM and recoil-distance techniques. JOUR IMPEE 15 1735

A=129

No references found

A=130

^{130}Sb	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{130}Te	2006CR04	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PANUE 69 2083
^{130}Xe	2006CR04	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PANUE 69 2083

A=131

^{131}Te	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{131}I	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{131}Xe	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=132

^{132}Sb	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{132}Te	2007GO03	NUCLEAR REACTIONS ^{235}U(n, F), E=thermal; ^{235}U(γ, F), E=12-30 MeV bremsstrahlung; analyzed fission fragment spin vs mass. ^{239}Pu(n, F)^{132}Te, E=thermal; measured delayed Eγ, fission fragment kinetic energy, (fragment)γ-coin; deduced high-spin isomer yield. JOUR IMPEE 16 410
^{132}I	2006MA87	RADIOACTIVITY ^{132}I(β^-) [from U(n, F)]; measured Eγ, Iγ, $T_{1/2}$. Radiochemical preparation, place-relay method. JOUR RAACA 94 403
	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{132}Xe	2006MA87	RADIOACTIVITY ^{132}I(β^-) [from U(n, F)]; measured Eγ, Iγ, $T_{1/2}$. Radiochemical preparation, place-relay method. JOUR RAACA 94 403
^{132}Ce	2007VE02	NUCLEAR REACTIONS ^{141}Pr(p, X)^{132}Ce / ^{133m}Ce / ^{135}Ce / ^{137m}Ce / ^{139}Ce, E $\approx$ 21-97 MeV; La(p, X)^{139}Ce, E $\approx$ 4-11 MeV; measured production σ; deduced thick-target yields. JOUR NIMBE 255 331

A=133

^{133}Sn	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{133}Sb	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{133}Te	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{133}Xe	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{133}Cs	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{133}Ba	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=133 *(continued)*

^{133}Ce	2007VE02	NUCLEAR REACTIONS ^{141}Pr(p, X)^{132}Ce / ^{133m}Ce / ^{135}Ce / ^{137m}Ce / ^{139}Ce, E ≈ 21-97 MeV; La(p, X)^{139}Ce, E ≈ 4-11 MeV; measured production σ; deduced thick-target yields. JOUR NIMBE 255 331

A=134

^{134}I	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{134}Cs	2007NI04	RADIOACTIVITY ^{137}Cs(β^-); ^{134m}Cs(IT) [from ^{133}Cs(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{134}Cs, ^{137}Ba transitions deduced ICC. Comparison with model predictions. JOUR PRVCA 75 024308

A=135

^{135}Sn	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{135}Sb	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{135}Xe	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{135}Ce	2007VE02	NUCLEAR REACTIONS ^{141}Pr(p, X)^{132}Ce / ^{133m}Ce / ^{135}Ce / ^{137m}Ce / ^{139}Ce, E ≈ 21-97 MeV; La(p, X)^{139}Ce, E ≈ 4-11 MeV; measured production σ; deduced thick-target yields. JOUR NIMBE 255 331

A=136

^{136}I	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{136}Xe	2006GA44	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $T_{1/2}$ lower limits for $0\nu\beta\beta$ and $2\nu\beta\beta$-decay. JOUR PANUE 69 2129
	2007RE03	ATOMIC MASSES ^{136}Xe; measured mass; deduced Q-value for 2β-decay. JOUR PRLTA 98 053003
^{136}Ba	2006GA44	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $T_{1/2}$ lower limits for $0\nu\beta\beta$ and $2\nu\beta\beta$-decay. JOUR PANUE 69 2129
^{136}Ce	2007AH02	RADIOACTIVITY ^{136}Pr(EC), (β^+) [from ^{134}Ba(^{6}Li, 4n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}Ce deduced levels, J, π, δ, B(E2) / B(M1), possible mixed-symmetry state. JOUR PRVCA 75 014313

A=136 *(continued)*

^{136}Pr	2007AH02	RADIOACTIVITY ^{136}Pr(EC), (β^+) [from ^{134}Ba(^{6}Li, 4n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}Ce deduced levels, J, π, δ, B(E2) / B(M1), possible mixed-symmetry state. JOUR PRVCA 75 014313

A=137

^{137}Sb	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{137}Te	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{137}Cs	2007NI04	RADIOACTIVITY ^{137}Cs(β^-); ^{134m}Cs(IT) [from ^{133}Cs(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{134}Cs, ^{137}Ba transitions deduced ICC. Comparison with model predictions. JOUR PRVCA 75 024308
	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{137}Ba	2007NI04	RADIOACTIVITY ^{137}Cs(β^-); ^{134m}Cs(IT) [from ^{133}Cs(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{134}Cs, ^{137}Ba transitions deduced ICC. Comparison with model predictions. JOUR PRVCA 75 024308
	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{137}Ce	2007VE02	NUCLEAR REACTIONS ^{141}Pr(p, X)^{132}Ce / ^{133m}Ce / ^{135}Ce / ^{137m}Ce / ^{139}Ce, E $\approx$ 21-97 MeV; La(p, X)^{139}Ce, E $\approx$ 4-11 MeV; measured production σ; deduced thick-target yields. JOUR NIMBE 255 331

A=138

^{138}Sb	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{138}Te	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{138}I	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{138}Cs	2007NA04	NUCLEAR REACTIONS ^{243}Am(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=fast; measured isomeric yield ratios; deduced fission fragment angular momenta, single-particle spin effect. Comparison with results from other fissioning systems. JOUR ZAANE 31 195
^{138}La	2007BY02	NUCLEAR REACTIONS ^{138}Ba, ^{180}Hf(^{3}He, t), E=140 MeV / nucleon; measured particle spectra. ^{138}La, ^{180}Ta deduced Gamow-Teller strength distributions. Implications for stellar nucleosynthesis discussed. JOUR PRLTA 98 082501

A=139

^{139}Te	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{139}I	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{139}La	2006SC30	NUCLEAR MOMENTS ^{139}La; measured hfs; deduced magnetic dipole and electric quadrupole hyperfine constants. JOUR PHSTB 73 217
^{139}Ce	2007VE02	NUCLEAR REACTIONS ^{141}Pr(p, X)^{132}Ce / ^{133m}Ce / ^{135}Ce / ^{137m}Ce / ^{139}Ce, E ≈ 21-97 MeV; La(p, X)^{139}Ce, E ≈ 4-11 MeV; measured production σ; deduced thick-target yields. JOUR NIMBE 255 331

A=140

^{140}Te	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{140}I	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler

A=141

No references found

A=142

^{142}I	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{142}Xe	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler

A=143

^{143}I	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{143}Xe	2006KEZZ	RADIOACTIVITY ^{133,135}Sn, ^{137,138}Sb, ^{138,139,140}Te, ^{142,143}I(β^-) [from Pb(^{238}U, X)]; measured $T_{1/2}$. REPT GSI 2006-1,P154,Kessler
^{143}Sm	2006ARZX	NUCLEAR REACTIONS ^{27}Al(n, α), E=14 MeV; ^{144}Sm, ^{206,208}Pb(n, 2n), E=14 MeV; measured isomer production σ. REPT JAEA-Conf 2006-009,P89,Arakita
^{143}Tb	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{143}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=144

^{144}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{144}Ho	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=145

^{145}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{145}Ho	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=146

^{146}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{146}Ho	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{146}Er	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=147

^{147}Tb	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{147}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=147 *(continued)*

^{147}Ho	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{147}Er	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{147}Tm	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=148

^{148}Dy	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{148}Ho	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{148}Er	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007
^{148}Tm	2007RAZZ	ATOMIC MASSES ^{143,147}Tb, ^{143,144,145,146,147,148}Dy, ^{144,145,146,147,148}Ho, ^{146,147,148}Er, ^{147,148}Tm; measured masses. Penning-trap mass spectrometer. PREPRINT nucl-ex/0701030,01/22/2007

A=149

No references found

A=150

^{150}Nd	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731

A=150 *(continued)*

^{150}Sm	2006SH31	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. JOUR PANUE 69 2090
	2006SH32	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR BRSPE 70 731

A=151

No references found

A=152

No references found

A=153

No references found

A=154

No references found

A=155

No references found

A=156

^{156}Nd	2007SH05	RADIOACTIVITY ^{156}Nd, ^{156}Pm(β^-) [from ^{235}U(n, F) and subsequent decay]; ^{156m}Pm(β^-), (IT) [from ^{156}Nd decay]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{156}Pm, ^{156}Sm deduced levels, J, π, ICC, configurations. Mass separator. JOUR ZAANE 31 171
^{156}Pm	2007SH05	RADIOACTIVITY ^{156}Nd, ^{156}Pm(β^-) [from ^{235}U(n, F) and subsequent decay]; ^{156m}Pm(β^-), (IT) [from ^{156}Nd decay]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{156}Pm, ^{156}Sm deduced levels, J, π, ICC, configurations. Mass separator. JOUR ZAANE 31 171
^{156}Sm	2007SH05	RADIOACTIVITY ^{156}Nd, ^{156}Pm(β^-) [from ^{235}U(n, F) and subsequent decay]; ^{156m}Pm(β^-), (IT) [from ^{156}Nd decay]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{156}Pm, ^{156}Sm deduced levels, J, π, ICC, configurations. Mass separator. JOUR ZAANE 31 171

A=156 *(continued)*

^{156}Gd	2007CH09	NUCLEAR REACTIONS ^{155,157}Gd(n, γ), E=10-550 keV; measured Eγ, capture σ. Comparison with previous results. JOUR KPSJA 50 409

A=157

^{157}Er	2007PA03	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 4n), (^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158}Er deduced high-spin levels, J, π, configurations, collective rotation above band-terminating states. Gammasphere array, cranked Nilsson-Strutinsky calculations. JOUR PRLTA 98 012501

A=158

^{158}Gd	2007CH09	NUCLEAR REACTIONS ^{155,157}Gd(n, γ), E=10-550 keV; measured Eγ, capture σ. Comparison with previous results. JOUR KPSJA 50 409
^{158}Er	2007PA03	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 4n), (^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158}Er deduced high-spin levels, J, π, configurations, collective rotation above band-terminating states. Gammasphere array, cranked Nilsson-Strutinsky calculations. JOUR PRLTA 98 012501

A=159

No references found

A=160

^{160}Dy	2006BO37	RADIOACTIVITY ^{160}Ho(EC) [from ^{160}Er(EC)]; measured E(ce), I(ce). ^{160}Dy deduced E0 transitions. Magnetic spectrograph, photoplate. JOUR BRSPE 70 354
^{160}Ho	2006BO37	RADIOACTIVITY ^{160}Ho(EC) [from ^{160}Er(EC)]; measured E(ce), I(ce). ^{160}Dy deduced E0 transitions. Magnetic spectrograph, photoplate. JOUR BRSPE 70 354

A=161

No references found

A=162

No references found

A=163

No references found

A=164

No references found

A=165

No references found

A=166

No references found

A=167

No references found

A=168

No references found

A=169

No references found

A=170

^{170}Hf	2006C020	NUCLEAR REACTIONS ^{158}Gd(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{170}Hf levels deduced $T_{1/2}$, B(E2). Pulsed beam, level systematics in neighboring nuclides discussed. JOUR PRVCA 74 067301

A=171

No references found

A=172

No references found

A=173

No references found

A=174

No references found

A=175

^{175}Hf	2007VO02	NUCLEAR REACTIONS ^{174,180,182}Hf(n, γ), E=spectrum; measured capture σ; deduced Maxwellian averaged σ, stellar enhancement factors. Comparison with model predictions. JOUR PRVCA 75 015804

A=176

No references found

A=177

No references found

A=178

No references found

A=179

No references found

A=180

^{180}Ta	2007BY02	NUCLEAR REACTIONS ^{138}Ba, ^{180}Hf(^{3}He, t), E=140 MeV / nucleon; measured particle spectra. ^{138}La, ^{180}Ta deduced Gamow-Teller strength distributions. Implications for stellar nucleosynthesis discussed. JOUR PRLTA 98 082501

A=181

^{181}Hf	2007VO02	NUCLEAR REACTIONS ^{174,180,182}Hf(n, γ), E=spectrum; measured capture σ; deduced Maxwellian averaged σ, stellar enhancement factors. Comparison with model predictions. JOUR PRVCA 75 015804

A=181 *(continued)*

^{181}Re	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
	2007LA01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=6-17.6 MeV; measured production σ. Stacked-foil activation technique. JOUR ARISE 65 345

A=182

^{182}Re	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
	2007LA01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=6-17.6 MeV; measured production σ. Stacked-foil activation technique. JOUR ARISE 65 345
^{182}Os	2007CA04	RADIOACTIVITY ^{182}Ir(β^+), (EC) [from Pt(p, xn) and subsequent decay]; measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{182}Os deduced levels, J, π, ICC. Level systematics in neighboring isotopes discussed. JOUR ZAANE 31 141
^{182}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489
	2007CA04	RADIOACTIVITY ^{182}Ir(β^+), (EC) [from Pt(p, xn) and subsequent decay]; measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{182}Os deduced levels, J, π, ICC. Level systematics in neighboring isotopes discussed. JOUR ZAANE 31 141

A=183

^{183}Hf	2007VO02	NUCLEAR REACTIONS ^{174,180,182}Hf(n, γ), E=spectrum; measured capture σ; deduced Maxwellian averaged σ, stellar enhancement factors. Comparison with model predictions. JOUR PRVCA 75 015804
^{183}Ta	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
^{183}Re	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
	2007LA01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=6-17.6 MeV; measured production σ. Stacked-foil activation technique. JOUR ARISE 65 345

A=183 *(continued)*

^{183}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=184

^{184}Ta	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
^{184}W	2006HA51	RADIOACTIVITY ^{184,184m}Re(EC), (β^+) [from ^{185}Re(γ, n)]; measured Eγ, Iγ, $T_{1/2}$. ^{184}W deduced transitions. JOUR PRVCA 74 065802
^{184}Re	2006HA51	RADIOACTIVITY ^{184,184m}Re(EC), (β^+) [from ^{185}Re(γ, n)]; measured Eγ, Iγ, $T_{1/2}$. ^{184}W deduced transitions. JOUR PRVCA 74 065802
	2006HA51	NUCLEAR REACTIONS ^{185}Re(γ, n), E $\approx$ 2-20 MeV; measured β-delayed Eγ, Iγ; deduced isomer yield ratio. JOUR PRVCA 74 065802
	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
	2007LA01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=6-17.6 MeV; measured production σ. Stacked-foil activation technique. JOUR ARISE 65 345
^{184}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=185

^{185}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=186

^{186}Re	2007KHZZ	NUCLEAR REACTIONS W(p, X)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{183}Ta / ^{184}Ta, E=6.6-40 MeV; measured excitation functions. Stacked-foil activation. PREPRINT nucl-ex/0703035,3/23/2007
	2007LA01	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{182m}Re / ^{183}Re / ^{184}Re / ^{186}Re, E=6-17.6 MeV; measured production σ. Stacked-foil activation technique. JOUR ARISE 65 345
^{186}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=186 *(continued)*

^{186}Pb	2006ANZT	RADIOACTIVITY ^{194}Rn, ^{190}Po(α) [from ^{144}Sm(^{52}Cr, 2n)]; measured Eα, $T_{1/2}$. REPT GSI 2006-1,P196,Andreyev
	2007PA05	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=355 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186}Pb deduced levels, J, π, rotational and vibrational bands, deformation. Recoil-decay tagging, interacting boson model and mean-field model calculations. JOUR PRVCA 75 014302

A=187

^{187}W	2007KI03	NUCLEAR REACTIONS ^{63}Cu, ^{186}W(n, γ), E=1-2 MeV; measured capture σ. JOUR JRNCD 271 553
^{187}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=188

^{188}Os	2006MO40	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR IMPEE 15 1797
^{188}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=189

^{189}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489
^{189}Po	2006AN36	RADIOACTIVITY ^{193,194}Rn(α) [from ^{144}Sm(^{52}Cr, xn)]; measured Eα, Iα, $T_{1/2}$; deduced deformation effects. JOUR PRVCA 74 064303

A=190

^{190}Os	2006MO40	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR IMPEE 15 1797
^{190}Po	2006AN36	RADIOACTIVITY ^{193,194}Rn(α) [from ^{144}Sm(^{52}Cr, xn)]; measured Eα, Iα, $T_{1/2}$; deduced deformation effects. JOUR PRVCA 74 064303
	2006ANZT	RADIOACTIVITY ^{194}Rn, ^{190}Po(α) [from ^{144}Sm(^{52}Cr, 2n)]; measured Eα, $T_{1/2}$. REPT GSI 2006-1,P196,Andreyev

A=191

^{191}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489

A=192

No references found

A=193

^{193}Ir	2006VE10	NUCLEAR MOMENTS ^{182,183,184,185,186,186m,187,188,189,191,193}Ir; measured hfs, isotope shift; deduced μ, quadrupole moments, radii, β_2. Laser spectroscopy. JOUR ZAANE 30 489
^{193}Rn	2006AN36	RADIOACTIVITY ^{193,194}Rn(α) [from ^{144}Sm(^{52}Cr, xn)]; measured Eα, Iα, $T_{1/2}$; deduced deformation effects. JOUR PRVCA 74 064303
	2006AN36	NUCLEAR REACTIONS ^{144}Sm(^{52}Cr, 2n), (^{52}Cr, 3n), E=231-252 MeV; measured production σ. Velocity filter. JOUR PRVCA 74 064303
	2006ANZT	NUCLEAR REACTIONS ^{144}Sm(^{52}Cr, 2n), (^{52}Cr, 3n), E=230 MeV; measured Eγ, Iγ, delayed Eα, (recoil)α-coin. REPT GSI 2006-1,P196,Andreyev

A=194

^{194}Au	2007PE02	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 $\approx$ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185
^{194}Rn	2006AN36	RADIOACTIVITY ^{193,194}Rn(α) [from ^{144}Sm(^{52}Cr, xn)]; measured Eα, Iα, $T_{1/2}$; deduced deformation effects. JOUR PRVCA 74 064303
	2006AN36	NUCLEAR REACTIONS ^{144}Sm(^{52}Cr, 2n), (^{52}Cr, 3n), E=231-252 MeV; measured production σ. Velocity filter. JOUR PRVCA 74 064303
	2006ANZT	NUCLEAR REACTIONS ^{144}Sm(^{52}Cr, 2n), (^{52}Cr, 3n), E=230 MeV; measured Eγ, Iγ, delayed Eα, (recoil)α-coin. REPT GSI 2006-1,P196,Andreyev
	2006ANZT	RADIOACTIVITY ^{194}Rn, ^{190}Po(α) [from ^{144}Sm(^{52}Cr, 2n)]; measured Eα, $T_{1/2}$. REPT GSI 2006-1,P196,Andreyev

A=195

^{195}Pt	2006BI19	NUCLEAR REACTIONS ^{113}In, ^{195}Pt, ^{199}Hg(γ, γ'), E=4-12 MeV; measured isomer production σ. JOUR BRSPE 70 292

A=196

^{196}Au	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185
^{196}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185

A=197

^{197}Au	2007SM01	NUCLEAR REACTIONS ^{197}Au(n, n), E ≈ 4.5-10.0 MeV; measured $\sigma(\theta)$. Optical-statistical, dispersion, and coupled-channels model analysis. JOUR NSENA 155 74
^{197}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185

A=198

^{198}Au	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38

A=198 *(continued)*

	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185
	2007SP01	RADIOACTIVITY ^{198}Au(β^-); measured $T_{1/2}$ for source in metallic environment; deduced temperature dependence. JOUR ZAANE 31 203
^{198}Hg	2007SP01	RADIOACTIVITY ^{198}Au(β^-); measured $T_{1/2}$ for source in metallic environment; deduced temperature dependence. JOUR ZAANE 31 203
^{198}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185

A=199

^{199}Au	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
^{199}Hg	2006BI19	NUCLEAR REACTIONS ^{113}In, ^{195}Pt, ^{199}Hg(γ, γ'), E=4-12 MeV; measured isomer production σ. JOUR BRSPE 70 292
^{199}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007BA04	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, 2n), E=17.9-23.9 MeV; ^{197}Au(α, n), E=13.4-23.9 MeV; measured σ. ^{64}Zn(α, γ), E=7-14 MeV; ^{63}Cu(α, γ), E=7 MeV; measured thick target yields. Activation technique, comparison with model predictions. JOUR PRVCA 75 015802
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185

A=200

^{200}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007BA04	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, 2n), E=17.9-23.9 MeV; ^{197}Au(α, n), E=13.4-23.9 MeV; measured σ. ^{64}Zn(α, γ), E=7-14 MeV; ^{63}Cu(α, γ), E=7 MeV; measured thick target yields. Activation technique, comparison with model predictions. JOUR PRVCA 75 015802
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185

A=201

^{201}Hg	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{201}Tl	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007BA04	NUCLEAR REACTIONS ^{197}Au(α, γ), (α, 2n), E=17.9-23.9 MeV; ^{197}Au(α, n), E=13.4-23.9 MeV; measured σ. ^{64}Zn(α, γ), E=7-14 MeV; ^{63}Cu(α, γ), E=7 MeV; measured thick target yields. Activation technique, comparison with model predictions. JOUR PRVCA 75 015802
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185
	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182
^{201}Pb	2007AL13	NUCLEAR REACTIONS Tl(p, X)^{201}Pb / ^{202m}Pb / ^{203}Pb / ^{204m}Pb, E ≈ 6-27 MeV; measured excitation functions; deduced integral yields. Stacked foil activation technique. JOUR RAACA 95 127

A=202

^{202}Pb	2007AL13	NUCLEAR REACTIONS Tl(p, X)^{201}Pb / ^{202m}Pb / ^{203}Pb / ^{204m}Pb, E ≈ 6-27 MeV; measured excitation functions; deduced integral yields. Stacked foil activation technique. JOUR RAACA 95 127

A=203

^{203}Pb	2007AL13	NUCLEAR REACTIONS Tl(p, X)^{201}Pb / ^{202m}Pb / ^{203}Pb / ^{204m}Pb, E ≈ 6-27 MeV; measured excitation functions; deduced integral yields. Stacked foil activation technique. JOUR RAACA 95 127

A=204

^{204}Pb	2007AL13	NUCLEAR REACTIONS Tl(p, X)^{201}Pb / ^{202m}Pb / ^{203}Pb / ^{204m}Pb, E ≈ 6-27 MeV; measured excitation functions; deduced integral yields. Stacked foil activation technique. JOUR RAACA 95 127

A=205

^{205}Pb	2006ARZX	NUCLEAR REACTIONS ^{27}Al(n, α), E=14 MeV; ^{144}Sm, ^{206,208}Pb(n, 2n), E=14 MeV; measured isomer production σ. REPT JAEA-Conf 2006-009,P89,Arakita
	2007DO02	NUCLEAR REACTIONS ^{204}Pb(n, γ), E=0.001-440 keV; measured capture σ; deduced resonance parameters. JOUR PRVCA 75 015806

A=206

No references found

A=207

^{207}Tl	2006MAZU	RADIOACTIVITY ^{207}Tl(β^-); measured decay constant for bound-state beta decay. Schottky analysis. REPT GSI 2006-1,P143,Maier
^{207}Pb	2006ARZX	NUCLEAR REACTIONS ^{27}Al(n, α), E=14 MeV; ^{144}Sm, ^{206,208}Pb(n, 2n), E=14 MeV; measured isomer production σ. REPT JAEA-Conf 2006-009,P89,Arakita
	2006MAZU	RADIOACTIVITY ^{207}Tl(β^-); measured decay constant for bound-state beta decay. Schottky analysis. REPT GSI 2006-1,P143,Maier
	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606

A=208

^{208}Pb	2007HE01	NUCLEAR REACTIONS ^{207}Pb(d, p), E*=5.2-5.7 MeV; measured Ep, $\sigma(\theta)$. ^{208}Pb deduced 0^- states level energies, configuration, spectroscopic factors, mixing strength. JOUR PRVCA 75 024312
	2007HEZZ	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 Heusler,1/23/2007
	2007HU02	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ). ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. JOUR PRVCA 75 014606
	2007KLZZ	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p-bar, X), E at 106 MeV / c; measured X-ray spectra from decay of antiprotonic atoms. ^{208}Pb, ^{209}Bi deduced neutron density distributions, radii. PREPRINT nucl-ex/0702016,2/9/2007

A=209

^{209}Bi	2007KLZZ	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(p-bar, X), E at 106 MeV / c; measured X-ray spectra from decay of antiprotonic atoms. ^{208}Pb, ^{209}Bi deduced neutron density distributions, radii. PREPRINT nucl-ex/0702016,2/9/2007
^{209}Rn	2006KU26	RADIOACTIVITY ^{213,213m,214,214m}Ra(α) [from ^{170}Er(^{48}Ca, xn), (^{50}Ti, 3n) and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{209,210}Rn deduced levels, J, π, ICC. Velocity filter. JOUR ZAANE 30 551

A=210

^{210}Po	2006PE37	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{199}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR FECLA 135 38
	2007PE02	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 10-70 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 10-26 MeV; ^{197}Au(^{6}He, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 10-70 MeV; measured excitation functions. Comparison with model predictions. JOUR ZAANE 31 185
^{210}Rn	2006KU26	RADIOACTIVITY ^{213,213m,214,214m}Ra(α) [from ^{170}Er(^{48}Ca, xn), (^{50}Ti, 3n) and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{209,210}Rn deduced levels, J, π, ICC. Velocity filter. JOUR ZAANE 30 551

A=211

^{211}Po	2006GA40	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, X)^{212}At, E=28-48 MeV; ^{209}Bi(^{7}Li, X)^{212}At / ^{211}Po, E=26-52 MeV; ^{208}Pb(^{9}Be, X)^{211}Po, E=36-51 MeV; measured ground and isomeric state σ; deduced angular momentum distribution, related reaction mechanism features. JOUR PRVCA 74 064615

A=212

^{212}At	2006GA40	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, X)^{212}At, E=28-48 MeV; ^{209}Bi(^{7}Li, X)^{212}At / ^{211}Po, E=26-52 MeV; ^{208}Pb(^{9}Be, X)^{211}Po, E=36-51 MeV; measured ground and isomeric state σ; deduced angular momentum distribution, related reaction mechanism features. JOUR PRVCA 74 064615

A=213

^{213}Ra	2006KU26	RADIOACTIVITY ^{213,213m,214,214m}Ra(α) [from ^{170}Er(^{48}Ca, xn), (^{50}Ti, 3n) and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{209,210}Rn deduced levels, J, π, ICC. Velocity filter. JOUR ZAANE 30 551

A=214

^{214}Ra	2006KU26	RADIOACTIVITY ^{213,213m,214,214m}Ra(α) [from ^{170}Er(^{48}Ca, xn), (^{50}Ti, 3n) and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{209,210}Rn deduced levels, J, π, ICC. Velocity filter. JOUR ZAANE 30 551

A=215

No references found

A=216

No references found

A=217

No references found

A=218

No references found

A=219

No references found

A=220

No references found

A=221

No references found

A=222

^{222}Rn	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=223

No references found

A=224

No references found

A=225

^{225}Ra	2007GU05	NUCLEAR MOMENTS ^{225}Ra; measured hfs. Laser trapping. JOUR PRLTA 98 093001

A=226

^{226}Ra	2007YA02	RADIOACTIVITY ^{51}Cr, ^{55}Fe, ^{67}Ga, ^{111}In, ^{133}Ba, ^{201}Tl(EC); ^{99m}Tc(IT), (β^-); ^{131}I, ^{133}Xe, ^{137}Cs(β^-); ^{226}Ra(α); measured K X-ray intensity ratios following decay and photoionization. JOUR NIMBE 254 182

A=227

No references found

A=228

No references found

A=229

No references found

A=230

No references found

A=231

No references found

A=232

No references found

A=233

^{233}Pa	2006HA53	RADIOACTIVITY ^{233}Pa, ^{238}Np(β^-); measured Eγ, Iγ; deduced γ-ray emission probabilities. JOUR JNSTA 43 1289
^{233}U	2006HA53	RADIOACTIVITY ^{233}Pa, ^{238}Np(β^-); measured Eγ, Iγ; deduced γ-ray emission probabilities. JOUR JNSTA 43 1289

A=234

No references found

A=235

No references found

A=236

No references found

A=237

No references found

A=238

^{238}Np	2006HA53	RADIOACTIVITY ^{233}Pa, ^{238}Np(β^-); measured Eγ, Iγ; deduced γ-ray emission probabilities. JOUR JNSTA 43 1289
	2006HA53	NUCLEAR REACTIONS ^{237}Np(n, γ), E=thermal; analyzed decay data; deduced thermal capture σ. JOUR JNSTA 43 1289
^{238}Pu	2006HA53	RADIOACTIVITY ^{233}Pa, ^{238}Np(β^-); measured Eγ, Iγ; deduced γ-ray emission probabilities. JOUR JNSTA 43 1289
^{238}Cm	2006QIZZ	NUCLEAR REACTIONS ^{232}Th(^{12}C, 4n), (^{12}C, 6n), E=70, 74 MeV; measured delayed Eα. ^{239}Cm deduced upper limit on α-decay branching ratio. REPT GSI 2006-1,P197,Qin

A=239

^{239}Np	2007AG02	RADIOACTIVITY ^{243}Am(α); measured Eα, $T_{1/2}$. Relative activity method. JOUR NIMAE 571 663
^{239}Cm	2006QIZZ	NUCLEAR REACTIONS ^{232}Th(^{12}C, 4n), (^{12}C, 6n), E=70, 74 MeV; measured delayed Eα. ^{239}Cm deduced upper limit on α-decay branching ratio. REPT GSI 2006-1,P197,Qin

A=240

^{240}U	2006AG15	RADIOACTIVITY ^{244}Pu(α); measured Eα, $T_{1/2}$. Thermal ionization mass spectrometry, relative activity method. JOUR RAACA 94 397
^{240}Cm	2006QIZZ	NUCLEAR REACTIONS ^{232}Th(^{12}C, 4n), (^{12}C, 6n), E=70, 74 MeV; measured delayed Eα. ^{239}Cm deduced upper limit on α-decay branching ratio. REPT GSI 2006-1,P197,Qin

A=241

No references found

A=242

^{242}Pu	2007KO01	RADIOACTIVITY ^{246}Cm, ^{250}Cf(α); measured Eα, Iα, $T_{1/2}$; deduced α-emission probabilities. Comparison with previous results. JOUR ARISE 65 335

A=243

^{243}Am	2007AG02	RADIOACTIVITY ^{243}Am(α); measured Eα, $T_{1/2}$. Relative activity method. JOUR NIMAE 571 663
^{243}Cf	2006HE27	RADIOACTIVITY ^{255}Rf, ^{251}No, ^{247}Fm(α) [from ^{207}Pb(^{50}Ti, 2n), ^{206}Pb(^{48}Ca, 3n), and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{243}Cf, ^{247}Fm, ^{251}No deduced levels, J, π, ICC, isomeric states features. Velocity filter. JOUR ZAANE 30 561

A=244

^{244}Pu	2006AG15	RADIOACTIVITY ^{244}Pu(α); measured Eα, $T_{1/2}$. Thermal ionization mass spectrometry, relative activity method. JOUR RAACA 94 397
^{244}Am	2006OH06	NUCLEAR REACTIONS ^{243}Am(n, γ), E=thermal; measured effective capture σ. Activation technique, comparison with previous results. JOUR JNSTA 43 1441

A=245

No references found

A=246

^{246}Cm	2007KO01	RADIOACTIVITY ^{246}Cm, ^{250}Cf(α); measured Eα, Iα, $T_{1/2}$; deduced α-emission probabilities. Comparison with previous results. JOUR ARISE 65 335

A=247

^{247}Fm	2006HE27	RADIOACTIVITY ^{255}Rf, ^{251}No, ^{247}Fm(α) [from ^{207}Pb(^{50}Ti, 2n), ^{206}Pb(^{48}Ca, 3n), and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{243}Cf, ^{247}Fm, ^{251}No deduced levels, J, π, ICC, isomeric states features. Velocity filter. JOUR ZAANE 30 561

A=248

^{248}Cm	2006PI14	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{105}Mo deduced levels, J, π, rotational bands, configurations, triaxial deformation. Eurogam2 array. JOUR PRVCA 74 064304

A=249

No references found

A=250

^{250}Bk	2006GU32	RADIOACTIVITY ^{254}Es(α); ^{250}Bk(β^-); measured Eα, Eγ, angular distribution for decay from oriented sources. JOUR BRSPE 70 282
^{250}Cf	2006GU32	RADIOACTIVITY ^{254}Es(α); ^{250}Bk(β^-); measured Eα, Eγ, angular distribution for decay from oriented sources. JOUR BRSPE 70 282
	2007KO01	RADIOACTIVITY ^{246}Cm, ^{250}Cf(α); measured Eα, Iα, $T_{1/2}$; deduced α-emission probabilities. Comparison with previous results. JOUR ARISE 65 335

A=251

^{251}No	2006HE27	RADIOACTIVITY ^{255}Rf, ^{251}No, ^{247}Fm(α) [from ^{207}Pb(^{50}Ti, 2n), ^{206}Pb(^{48}Ca, 3n), and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{243}Cf, ^{247}Fm, ^{251}No deduced levels, J, π, ICC, isomeric states features. Velocity filter. JOUR ZAANE 30 561

A=252

^{252}No	2006SUZW	NUCLEAR REACTIONS ^{206,208}Pb(^{48}Ca, 2n), E not given; measured prompt and delayed Eγ, Iγ, (X-ray)γ-coin. ^{252}No deduced levels, J, π, isomeric states $T_{1/2}$. REPT GSI 2006-1,P194,Sulignano

A=253

No references found

A=254

^{254}Es	2006GU32	RADIOACTIVITY ^{254}Es(α); ^{250}Bk(β^-); measured Eα, Eγ, angular distribution for decay from oriented sources. JOUR BRSPE 70 282
^{254}No	2006SUZW	NUCLEAR REACTIONS ^{206,208}Pb(^{48}Ca, 2n), E not given; measured prompt and delayed Eγ, Iγ, (X-ray)γ-coin. ^{252}No deduced levels, J, π, isomeric states $T_{1/2}$. REPT GSI 2006-1,P194,Sulignano

A=255

^{255}Rf	2006HE27	RADIOACTIVITY ^{255}Rf, ^{251}No, ^{247}Fm(α) [from ^{207}Pb(^{50}Ti, 2n), ^{206}Pb(^{48}Ca, 3n), and subsequent decay]; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{243}Cf, ^{247}Fm, ^{251}No deduced levels, J, π, ICC, isomeric states features. Velocity filter. JOUR ZAANE 30 561

A=256

No references found

A=257

No references found

A=258

No references found

A=259

No references found

A=260

No references found

A=261

^{261}Rf 2007MO09 RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. Gas-filled separator. JOUR JUPSA 76 043201

2007MOZZ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN-NC-NP-2,Morita

A=262

^{262}Db 2007MOZY 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-NC-NP-3,Morita

A=263

No references found

A=264

No references found

A=265

^{265}Sg 2007MO09 RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. Gas-filled separator. JOUR JUPSA 76 043201

2007MOZZ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN-NC-NP-2,Morita

A=266

^{266}Bh 2007MOZY 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-NC-NP-3,Morita

A=267

No references found

A=268

No references found

A=269

^{269}Hs 2007MO09 RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. Gas-filled separator. JOUR JUPSA 76 043201

2007MOZZ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN-NC-NP-2,Morita

A=270

^{270}Mt 2007MOZY 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-NC-NP-3,Morita

A=271

No references found

A=272

No references found

A=273

^{273}Ds	2007MO09	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. Gas-filled separator. JOUR JUPSA 76 043201
	2007MOZZ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN-NC-NP-2,Morita

A=274

^{274}Rg	2007MOZY	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-NC-NP-3,Morita

A=275

No references found

A=276

No references found

A=277

^{277}112	2007MO09	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. Gas-filled separator. JOUR JUPSA 76 043201
	2007MO09	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. Gas-filled separator. JOUR JUPSA 76 043201
	2007MOZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. REPT RIKEN-NC-NP-2,Morita
	2007MOZZ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN-NC-NP-2,Morita

A=278

^{278}113	2007MOZY	NUCLEAR REACTIONS ^{209}Bi(^{70}Zn, n), E=353 MeV; measured delayed Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. REPT RIKEN-NC-NP-3,Morita
	2007MOZY	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-NC-NP-3,Morita

A=279

No references found

A=280

No references found

A=281

No references found

A=282

No references found

A=283

^{283}112	2006EI01	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=231, 235 MeV; measured delayed fission, Eα, (fission)α-coin; deduced no evidence for ^{283}112. Thermochromatography. JOUR RAACA 94 181
	2006HOZX	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=233-239 MeV; measured delayed fission fragment spectra; deduced evidence for ^{283}112. REPT GSI 2006-1,P191,Hofmann

References

2005RIZU E.Rich - IPNO-T-05-15 (2005)
Recherche de l'existence eventuelle du tetraneutron via la reaction de transfert ^{8}He(d, ^{6}Li)4n

2006AB61 I.A.Abbasi, J.H.Zaidi, M.Arif, M.S.Subhani - Radiochim.Acta 94, 63 (2006)
Measurement of fission neutron spectrum averaged cross sections of some threshold reactions on zinc: small-scale production of no-carrier-added ^{64}Cu in a nuclear reactor

2006AB62 I.A.Abbasi, J.H.Zaidi, M.Arif, S.Waheed, M.S.Subhani - Radiochim.Acta 94, 381 (2006)
Measurement of fission neutron spectrum averaged cross sections of some threshold reactions on zirconium: Production possibility of no-carrier-added ^{90}Y in a nuclear reactor

2006AG15 S.K.Aggarwal - Radiochim.Acta 94, 397 (2006)
Precise and accurate determination of alpha decay half-life of ^{244}Pu by relative activity method using thermal ionization mass spectrometry and alpha spectrometry

2006AH10 I.Ahmad, J.P.Greene, E.F.Moore, S.Ghelberg, A.Ofan, M.Paul, W.Kutschera - Phys.Rev.C 74, 065803 (2006)
Improved measurement of the ^{44}Ti half-life from a 14-year long study

2006AL31 F.S.Al-Saleh, A.A.Al-Harbi, A.Azzam - Radiochim.Acta 94, 391 (2006)
Excitation functions of proton induced nuclear reactions on natural copper using a medium-sized cyclotron

2006AMZX G.Amadio, H.Yamaguchi, J.J.He, A.Saito, Y.Wakabayashi, H.Fujikawa, S.Kubono, L.H.Khiem, Y.-K.Kwon, T.Teranishi, S.Nishimura, M.Niikura, Y.Togano, N.Iwasa, S.Inafuku - CNS-REP-69, p.31 (2006)
Study of Inelastic Contribution in the ^{7}Be+p Scattering Experiment at CRIB

2006AN36 A.N.Andreyev, S.Antalic, M.Huyse, P.Van Duppen, D.Ackermann, L.Bianco, D.M.Cullen, I.G.Darby, S.Franchoo, S.Heinz, F.P.Hessberger, S.Hofmann, I.Kojouharov, B.Kindler, A.-P.Leppanen, B.Lommel, R.Mann, G.Munzenberg, J.Pakarinen, R.D.Page, J.J.Ressler, S.Saro, B.Streicher, B.Sulignano, J.Thomson, R.Wyss - Phys.Rev.C 74, 064303 (2006)
α decay of the new isotopes ^{193,194}Rn

2006ANZT A.N.Andreyev, S.Antalic, D.Ackermann, L.Bianco, D.Cullen, I.Darby, S.Franchoo, F.P.Hessberger, S.Hofmann, M.Huyse, B.Kindler, I.Kojouharov, A.-P.Leppanen, B.Lommel, R.Mann, G.Munzenberg, R.D.Page, J.Pakarinen, J.J.Ressler, S.Saro, B.Streicher, B.Sulignano, J.Thomson, P.Van Duppen - GSI 2006-1, p.196 (2006)
New isotopes ^{193,194}Rn

2006ARZX K.Arakita, T.Shimizu, K.Kawade, M.Shibata, K.Ochiai, T.Nishitani - JAEA-Conf 2006-009, p.89 (2006)

Measurements of cross-sections of producing short-lived nuclei with 14 MeV neutrons - ^{27}Al(n, α)^{24m}Na, ^{144}Sm(n, 2n)^{143m}Sm, ^{206}Pb(n, 2n)^{205m}Pb, ^{208}Pb(n, 2n)^{207m}Pb -

2006AS07 A.Astier, M.-G.Porquet, Ts.Venkova, I.Deloncle, F.Azaiez, A.Buta, D.Curien, O.Dorvaux, G.Duchene, B.J.P.Gall, F.Khalfallah, I.Piqueras, M.Rousseau, M.Meyer, N.Redon, O.Stezowski, R.Lucas, A.Bogachev - Eur.Phys.J. A 30, 541 (2006)
High-spin excitations of $^{84}_{35}Br_{49}$ and $^{85}_{35}Br_{50}$: Mapping the proton sub-shells towards ^{78}Ni

2006BA75 D.L.Balabanski, K.A.Gladnishki, G.Lo Bianco, A.Saltarelli, N.V.Zamfir, E.A.McCutchan, H.Ai, R.F.Casten, A.Heinz, D.A.Meyer, C.Plettner, J.Qian, V.Werner, E.Williams, B.Akkus, L.Amon, R.B.Cakirli, M.N.Erduran, Y.Oktem, S.F.Ashley, P.H.Regan, G.Rainovski - Int.J.Mod.Phys. E15, 1735 (2006)
Evidence for X(5) critical point symmetry in ^{128}Ce

2006BI19 Z.M.Bigan, V.A.Zheltonozhsky, V.I.Kirishchuk, V.M.Mazur, D.N.Simochko, P.N.Trifonov - Bull.Rus.Acad.Sci.Phys. 70, 292 (2006)
Excitation of ^{113}In, ^{195}Pt, and ^{199}Hg Isomers in Reactions of Inelastic gamma scattering

2006BO37 D.D.Bogachenko, I.V.Gaidaenko, O.K.Egorov, T.A.Islamov, V.G.Kalinnikov V.V.Kolesnikov, V.I.Silaev, A.A.Solnyshkin - Bull.Rus.Acad.Sci.Phys. 70, 354 (2006)
Searching for the K 672.35-keV 0^+ - 0^+ transition in the nucleus of ^{160}Dy radionuclide at the MAS-1 setup

2006BR31 M.Brenner, M.Lattuada, M.Gulino, S.V.Khlebnikov, C.Li, G.Prete, W.H.Trzaska, M.Zadro, S.E.Belov - Phys.Scr. 74, 692 (2006)
Alpha-particle transfer from ^{6}Li to ^{28}Si leading to high excitation of ^{32}S

2006BR32 V.B.Brudanin, N.I.Rukhadze, V.G.Egorov, Ch.Briancon, P.Benes, Ts.Vylov, K.N.Gusev, F.A.Danevich, A.A.Klimenko, V.E.Kovalenko, A.Kovalik, A.V.Salamatin, V.V.Timkin, V.I.Tretyak, P.Chermak, I.Stekl - Bull.Rus.Acad.Sci.Phys. 70, 316 (2006)
Search for double electron capture of ^{106}Cd in TGV-2 experiment

2006BUZV A.Burger, T.R.Saito, H.Grawe, H.Hubel, P.Reiter, J.Gerl, M.Gorska, H.J.Wollersheim, A.Al-Khatib, A.Banu, T.Beck, F.Becker, P.Bednarczyk, G.Benzoni, A.Bracco, S.Brambilla, P.Bringel, F.Camera, E.Clement, P.Doornenbal, H.Geissel, A.Gorgen, J.Grebosz, G.Hammond, M.Hellstrom, M.Honma, M.Kavatsyuk, O.Kavatsyuk, M.Kmiecik, I.Kojouharov, W.Korten, N.N.Kurz, R.Lozeva, A.Maj, S.Mandal, B.Million, S.Muralithar, A.Neusser, F.Nowacki, T.Otsuka, Z.Podolyak, N.Saito, A.K.Singh, H.Weick, C.Wheldon, O.Wieland, M.Winkler - GSI 2006-1, p.146 (2006)
Relativistic Coulomb excitation of neutron-rich ^{54,56,58}Cr

2006CH61 Y.Cheng, B.Xia, C.Tang, Y.Liu, Q.Jin - Hyperfine Interactions 167, 833 (2006)
Generation of long-lived isomeric states via bremsstrahlung irradiation

2006CH64 M.S.Chowdhury - Acta Phys.Slovaca 56, 491 (2006)
A study of the absolute elastic scattering cross sections from the ^{100}Mo(t, t)^{100}Mo experiment at 12 MeV

2006CO20 A.Costin, T.Ahn, B.Bochev, K.Dusling, T.C.Li, N.Pietralla, G.Rainovski, W.Rother - Phys.Rev.C 74, 067301 (2006)
Lifetime measurement for the 2_1^+ state of ^{170}Hf

2006CR04 O.Cremonesi, and the CUORE Collaboration - Phys.Atomic Nuclei 69, 2083 (2006)
New CUORICINO Results and Status of CUORE

2006DOZV P.Doornenbal, H.Grawe, P.Reiter, for the RISING Collaboration - GSI 2006-1, p.145 (2006)
Mirror symmetry of new subshell closures: ^{36}Ca vs ^{36}S

2006EI01 R.Eichler, W.Bruchle, R.Buda, S.Burger, R.Dressler, Ch.E.Dullmann, J.Dvorak, K.Eberhardt, B.Eichler, C.M.Folden III, H.W.Gaggeler, K.E.Gregorich, F.Haenssler, D.C.Hoffman, H.Hummrich, E.Jager, J.V.Kratz, B.Kuczewski, D.Liebe, D.Nayak, H.Nitsche, D.Piguet, Z.Qin, U.Rieth, M.Schadel, B.Schausten, E.Schimpf, A.Semchenkov, S.Soverna, R.Sudowe, N.Trautmann, P.Thorle, A.Turler, B.Wierczinski, N.Wiehl, P.A.Wilk, G.Wirth, A.B.Yakushev, A.von Zweidorf - Radiochim.Acta 94, 181 (2006)
Attempts to chemically investigate element 112

2006FAZY S.Falahat, K.L.Kratz, J.Gorres, E.J.Stech, M.C.F.Wiescher, G.Munzenberg - GSI 2006-1, p.155 (2006)
Investigation of the reaction ^{20}Ne(p, γ)^{21}Na in the astrophysical interesting energy region

2006FUZW H.Fujikawa, S.Kubono, A.Saito, H.Yamaguchi, G.Amadio, J.J.He, L.H.Khiem, S.Nishimura, H.Ohta, A.Ozawa, Y.Tagishi, Y.Wakabayashi, M.Yamaguchi, T.Yasuno - CNS-REP-69, p.37 (2006)
Development of a High-Efficiency Method for α Resonant Scattering with the Thick Target Method

2006FUZX T.Fukui, S.Ota, S.Shimoura, N.Aoi, E.Takeshita, S.Takeuchi, H.Suzuki, H.Baba, T.Fukuchi, Y.Hashimoto, E.Ideguchi, K.Ieki, N.Iwasa, H.Iwasaki, S.Kanno, Y.Kondo, T.Kubo, K.Kurita, T.Minemura, S.Michimasa, T.Motobayashi, T.Murakami, T.Nakabayashi, T.Nakamura, M.Niikura, T.Okumura, T.K.Onishi, H.Sakurai, M.Shinohara, D.Suzuki, M.K.Suzuki, M.Tamaki, K.Tanaka, Y.Togano, Y.Wakabayashi, K.Yamada - CNS-REP-69, p.19 (2006)
High Resolution In-beam Gamma Spectroscopy of N $\sim$ 20 Neutron-rich Nuclei

2006GA40 L.R.Gasques, M.Dasgupta, D.J.Hinde, T.Peatey, A.Diaz-Torres, J.O.Newton - Phys.Rev.C 74, 064615 (2006)
Isomer ratio measurements as a probe of the dynamics of breakup and incomplete fusion

2006GA43 Ju.M.Gavriljuk, A.M.Gangapshev, V.N.Gavrin, V.V.Kazalov, V.V.Kuzminov, N.Ya.Osetrova, S.I.Panasenko, I.I.Pulnikov, S.S.Ratkevich, A.V.Ryabukhin, A.N.Shubin, G.V.Skorynin - Phys.Atomic Nuclei 69, 2124 (2006)
New Stage of Search for 2K(2ν) Capture of ^{78}Kr

2006GA44 Ju.M.Gavriljuk, A.M.Gangapshev, V.V.Kuzminov, S.I.Panasenko, S.S.Ratkevich - Phys.Atomic Nuclei 69, 2129 (2006)
Results of a Search for 2β Decay of ^{136}Xe with High-Pressure Copper Proportional Counters in Baksan Neutrino Observatory

2006GE20 M.T.Gericke, J.D.Bowman, R.D.Carlini, T.E.Chupp, K.P.Coulter, M.Dabaghyan, M.Dawkins, D.Desai, S.J.Freedman, T.R.Gentile, R.C.Gillis, G.L.Greene, F.W.Hersman, T.Ino, G.L.Jones, M.Kandes, B.Lauss, M.Leuschner, W.R.Lozowski, R.Mahurin, M.Mason, Y.Masuda, G.S.Mitchell, S.Muto, H.Nann, S.A.Page, S.I.Penttila, W.D.Ramsay, S.Santra, P.-N.Seo, E.I.Sharapov, T.B.Smith, W.M.Snow, W.S.Wilburn, V.Yuan, H.Zhu, and the NPDGamma Collaboration - Phys.Rev.C 74, 065503 (2006)
Upper bounds on parity-violating γ-ray asymmetries in compound nuclei from polarized cold neutron capture

2006GE21 L.N.Generalov, A.G.Zvenigorodsky, S.N.Abramovich, I.A.Karpov, Yu.I.Vinogradov - Bull.Rus.Acad.Sci.Phys. 70, 217 (2006)
Investigation of ^{11}B(t, p)^{13}B reaction excitation function

2006GU32 G.M.Gurevich, A.L.Erzinkyan, P.-D.Eversheim, V.T.Filimonov, V.Golovko, P.Herzog, I.Kraev, A.A.Lukhanin, A.A.Belyaev, V.I.Noga, V.P.Parfenova, T.Phalet, A.V.Rusakov, N.Severijns, Yu.G.Toporov, C.Tramm, V.N.Vyachin, D.Zakoucky, E.Zotov - Bull.Rus.Acad.Sci.Phys. 70, 282 (2006)
Angular anisotropy of α- and γ-emission in decay of oriented ^{254}Es and its daughter ^{250}Bk nucleus

2006HA51 T.Hayakawa, S.Miyamoto, Y.Hayashi, K.Kawase, K.Horikawa, S.Chiba, K.Nakanishi, H.Hashimoto, T.Ohta, M.Kando, T.Mochizuki, T.Kajino, M.Fujiwara - Phys.Rev.C 74, 065802 (2006)
Half-life of ^{184}Re populated by the (γ, n) reaction from laser Compton scattering γ rays at the electron storage ring NewSUBARU

2006HA53 H.Harada, S.Nakamura, M.Ohta, T.Fujii, H.Yamana - J.Nucl.Sci.Technol.(Tokyo) 43, 1289 (2006)
Emission Probabilities of Gamma Rays from the Decay of ^{233}Pa and ^{238}Np, and the Thermal Neutron Capture Cross Section of ^{237}Np

2006HE27 F.P.Hessberger, S.Hofmann, D.Ackermann, S.Antalic, B.Kindler, I.Kojouharov, P.Kuusiniemi, M.Leino, B.Lommel, R.Mann, K.Nishio, A.G.Popeko, B.Sulignano, S.Saro, B.Streicher, M.Venhart, A.V.Yeremin - Eur.Phys.J. A 30, 561 (2006)
Alpha-gamma decay studies of ^{255}Rf, ^{251}No and ^{247}Fm

2006HO20 N.Hoteling, W.B.Walters, R.V.F.Janssens, R.Broda, M.P.Carpenter, B.Fornal, A.A.Hecht, M.Hjorth-Jensen, W.Krolas, T.Lauritsen, T.Pawlat, D.Seweryniak, X.Wang, A.Wohr, J.Wrzesinski, S.Zhu - Phys.Rev.C 74, 064313 (2006)

Yrast structure of ^{64}Fe

2006HO23 J.Honzatko, V.A.Khitrov, C.Panteleev, A.M.Sukhovoj, I.Tomandl - Fizika(Zagreb) B 15, 189 (2006)
Intense two-step cascades and γ-decay scheme of the ^{118}Sn compound nucleus

2006HOZX S.Hofmann, D.Ackermann, S.Antalic, H.G.Burkhard, R.Dressler, F.P.Hessberger, B.Kindler, I.Kojouharov, P.Kuusiniemi, M.Leino, B.Lommel, R.Mann, G.Munzenberg, K.Nishio, A.G.Popeko, S.Saro, H.J.Schott, B.Streicher, B.Sulignano, J.Uusitalo, A.V.Yeremin - GSI 2006-1, p.191 (2006)
Search for Element 112 Using the Hot Fusion Reaction ^{48}Ca + ^{238}U

2006ITZY T.Itoga, M.Hagiwara, T.Oishi, S.Kamada, M.Baba - JAEA-Conf 2006-009, p.124 (2006)
Measurement of 40 MeV Deuteron Induced Reaction on Fe and Ta for Neutron Emission Spectrum and Activation Cross Section

2006JE09 H.B.Jeppesen, A.M.Moro, U.C.Bergmann, M.J.G.Borge, J.Cederkall, L.M.Fraile, H.O.U.Fynbo, J.Gomez-Camacho, H.T.Johansson, B.Jonson, M.Meister, T.Nilsson, G.Nyman, M.Pantea, K.Riisager, A.Richter, G.Schrieder, T.Sieber, O.Tengblad, E.Tengborn, M.Turrion, F.Wenander - Phys.Lett. B 642, 449 (2006)
Study of ^{10}Li via the ^{9}Li(^{2}H, p) reaction at REX-ISOLDE

2006KA65 A.S.Kachan, I.S.Kovtunenko, I.V.Kurguz, V.M.Mishchenko, R.P.Slabospitsky - Bull.Rus.Acad.Sci.Phys. 70, 860 (2006)
Resonance-like structure observed in ^{22}Ne(pγ)^{23}Na reaction

2006KAZR O.Kavatsyuk, C.Mazzocchi, A.Banu, L.Batist, F.Becker, A.Blazhev, W.Bruchle, J.Doring, T.Faestermann, M.Gorska, H.Grawe, Z.Janas, A.Jungclaus, M.Karny, M.Kavatsyuk, O.Klepper, R.Kirchner, M.La Commara, K.Miernik, I.Mukha, C.Plettner, A.Plochocki, E.Roeckl, M.Romoli, K.Rykaczewski, M.Schadel, K.Schmidt, R.Schwengner, J.Zylicz - GSI 2006-1, p.152 (2006)
Beta decay of ^{101}Sn

2006KEZZ R.Kessler, K.-L.Kratz, J.Pereira Conca, H.Schatz, for the E040 Collaboration - GSI 2006-1, p.154 (2006)
β-decay properties of nuclei in the region around ^{132}Sn

2006KH12 V.A.Khryachkov, B.D.Kuzminov, M.V.Dunaev, I.V.Dunaeva, N.N.Semenova, A.I.Sergachev - At.Energ. 101, 307 (2006); At.Energy 101, 760 (2006)
Measurement of the cross sections of the reactions ^{14}N(n, α)^{11}B and ^{14}N(n, t)^{12}C at neutron energies 5.45-7.2 MeV

2006KMZZ M.Kmiecik, A.Maj, M.Brekiesz, K.Mazurek, P.Bednarczyk, J.Grebosz, W.Meczynski, J.Styczen, M.Zieblinski, K.Zuber, P.Papka, C.Beck, D.Curien, F.Haas, V.Rauch, M.Rousseau, J.Dudek, N.Schunck, A.Bracco, F.Camera, G.Benzoni, O.Wieland, B.Herskind, E.Farnea, G.De Angelis - nucl-ex/0612029,12/28/2006 (2006)
Strong Deformation Effects in Hot Rotating ^{46}Ti

2006KU26 P.Kuusiniemi, F.P.Hessberger, D.Ackermann, S.Antalic, S.Hofmann, K.Nishio, B.Sulignano, I.Kojouharov, R.Mann - Eur.Phys.J. A 30, 551 (2006)
Studies of ^{213g,m}Ra and ^{214g,m}Ra by α and γ decay

2006KWZZ Y.K.Kwon, C.S.Lee, J.Y.Moon, J.H.Lee, J.Y.Kim, S.Kubono, N.Iwasa, K.Inafuku, H.Yamaguchi, J.J.He, A.Saito, Y.Wakabayashi, H.Fujikawa, G.Amadio, L.H.Khiem, M.Tanaka, A.Chen, S.Kato - CNS-REP-69, p.3 (2006)
Study of Astrophysically Important Resonant States in ^{26}Si by the ^{28}Si(^{4}He, ^{6}He)^{26}Si Reaction

2006LIZX M.L.Liu, E.Ideguchi, H.Baba, T.Fukuchi, N.Hokoiwa, C.Ishida, N.Iwasaki, T.Komatsubara, T.Kubo, M.Kurokawa, S.Michimasa, K.Morimoto, K.Miyakawa, M.Niikura, T.Ohnishi, S.Ota, A.Ozawa, S.Shimoura, T.Suda, M.Tamaki, I.Tanihata, Y.Wakabayashi, K.Yoshida - CNS-REP-69, p.6 (2006)
Study of High-Spin States in Nuclei near ^{40}Ar

2006MA87 G.-S.Mao, S.-D.Zhang, L.Yang, Y.-Q.Ding, A.-Z.Cui - Radiochim.Acta 94, 403 (2006)
Measurement of the half-life of ^{132}I

2006MAZU L.Maier, D.Boutin, F.Bosch, C.Scheidenberger, T.Yamaguchi, K.Beckert, P.Beller, T.Faestermann, B.Franczak, B.Franzke, H.Geissel, E.Kaza, P.Kienle, O.Klepper, C.Kozhuharov, Y.Litvinov, M.Matos, G.Munzenberg, F.Nolden, Y.Novikov, T.Ohtsubo, W.Plass, M.Portillo, J.Stadlmann, M.Steck, K.Takahashi, H.Weick, M.Winkler - GSI 2006-1, p.143 (2006)
Improved analysis method for bound state beta decay experiment of ^{207}Tl^{81+}

2006MAZV Y.Maeda, K.Fujita, M.B.Greenfield, Y.Hagiwara, K.Hatanaka, M.Hatano, K.Itoh, H.Kamada, J.Kamiya, T.Kawabata, H.Kuboki, T.Kudoh, Y.Nagasue, H.Okamura, T.Saito, H.Sakai, Y.Sakemi, M.Sasano, K.Sekiguchi, Y.Shimizu, K.Suda, A.Tamii, T.Uesaka, T.Wakasa, K.Yako - CNS-REP-69, p.17 (2006)
Study of Three Nucleon Force Effects via the nd Elastic Scattering

2006MO40 S.Mohammadi, G.De Angelis, M.Axiotis, D.Bazzacco, P.G.Bizzeti, F.Brandolini, R.Broda, D.Bucurescu, E.Farnea, W.Gelletly, A.Gadea, M.Ionescu-Bujor, A.Iordachescu, Th.Kroll, S.Longdown, S.Lunardi, N.Marginean, T.Martinez, N.Medina, Zs.Podolyak, B.Quintana, P.H.Regan, B.Rubio, C.A.Ur, J.-J.Valiente Dobon, P.M.Walker, Y.H.Zhang - Int.J.Mod.Phys. E15, 1797 (2006)
Yrast states in ^{188,190}Os nuclei

2006MU20 S.Mukherjee, A.Sharma, A.Goswami, B.S.Tomar - Radiochim.Acta 94, 301 (2006)
Incomplete fusion mechanism in ^{16}O + ^{93}Nb reaction at 6 MeV / nucleon: Recoil range measurements

2006NIZT J.Nishiyama, M.Igashira, T.Ohsaki, G.N.Kim, W.C.Chung, T.I.Ro - JAEA-Conf 2006-009, p.101 (2006)
Study on keV-neutron capture cross sections and capture γ-ray spectra of ^{117,119}Sn

2006OB05 A.Obertelli, A.Gillibert, N.Alamanos, M.A.G.Alvarez, F.Auger, R.Dayras, A.Drouart, N.Keeley, V.Lapoux, X.Mougeot, L.Nalpas, E.Pollacco, F.Skaza, Ch.Theisen, G.de France, B.Jurado, W.Mittig, F.Rejmund, M.Rejmund, P.Roussel-Chomaz, H.Savajols, A.Pakou, N.Patronis - Phys.Rev.C 74, 064305 (2006)
γ spectroscopy of ^{25,27}Ne and ^{26,27}Na

2006OH06 M.Ohta, S.Nakamura, H.Harada, T.Fujii, H.Yamana - J.Nucl.Sci.Technol.(Tokyo) 43, 1441 (2006)
Measurement of Effective Capture Cross Section of Americium-243 for Thermal Neutrons

2006PE37 Yu.E.Penionzhkevich, R.A.Astabatyan, N.A.Demekhina, Z.Dlouhy, R.Kalpakchieva, A.A.Kulko, S.P.Lobastov, S.M.Lukyanov, E.R.Markaryan, V.A.Maslov, Yu.A.Muzychka, Yu.Ts.Oganessian, D.N.Rassadov, N.K.Skobelev, Yu.G.Sobolev, V.Yu.Ugryumov, J.Vincour, T.Zholdybaev - Part. and Nucl., Lett. 135, 38 (2006)
Some Peculiarities in the Interaction of ^{6}He with ^{197}Au and ^{206}Pb

2006PEZV J.Pearson, A.A.Chen, S.Kubono, H.Yamaguchi, T.Teranishi, J.J.He, L.H.Khiem, A.Saito, G.Amadio, H.Fujikawa, M.Niikura, Y.Wakabayashi, S.Nishimura, Y.Togano, A.Odahara, J.Y.Moon, Y.K.Kwon, S.Cherubini, R.Pizzone, M.La Cognata - CNS-REP-69, p.8 (2006)
Measurement of ^{25}Al+p Resonances through Elastic Scattering with CRIB

2006PI14 J.A.Pinston, W.Urban, Ch.Droste, T.Rzaca-Urban, J.Genevey, G.Simpson, J.L.Durell, A.G.Smith, B.J.Varley, I.Ahmad - Phys.Rev.C 74, 064304 (2006)
Triaxiality in ^{105}Mo and ^{107}Mo from the low to intermediate spin region

2006PR22 B.v.Przewoski, H.O.Meyer, J.T.Balewski, W.W.Daehnick, J.Doskow, W.Haeberli, R.Ibald, B.Lorentz, R.E.Pollock, P.V.Pancella, F.Rathmann, T.Rinckel, S.K.Saha, B.Schwartz, P.Thorngren-Engblom, A.Wellinghausen, T.J.Whitaker, T.Wise - Phys.Rev.C 74, 064003 (2006)
Analyzing powers and spin correlation coefficients for p + d elastic scattering at 135 and 200 MeV

2006QIZZ Z.Qin, D.Ackermann, W.Bruchle, F.P.Hessberger, E.Jager, P.Kuusiniemi, G.Munzenberg, D.Nayak, E.Schimpf, M.Schadel, B.Schausten, B.Sulignano, X.L.Wu, K.Eberhardt, J.V.Kratz, D.Liebe, P.Thorle, Y.N.Novikov - GSI 2006-1, p.197 (2006)
Search for the "missing" α-Decay Branch in ^{239}Cm

2006RU15 N.I.Rukhadze, P.Benes, Ch.Briancon, V.B.Brudanin, P.Cermak, F.A.Danevich, V.G.Egorov, K.N.Gusev, A.A.Klimenko, V.E.Kovalenko, A.Kovalik, A.V.Salamatin, I.Stekl, V.V.Timkin, V.I.Tretyak, Ts.Vylov - Phys.Atomic Nuclei 69, 2117 (2006)
Search for Double Electron Capture of ^{106}Cd

2006SA49 A.Sabourov, M.W.Ahmed, M.A.Blackston, A.S.Crowell, C.R.Howell, K.Joshi, S.O.Nelson, B.A.Perdue, K.Sabourov, A.Tonchev, H.R.Weller, R.M.Prior, M.C.Spraker, B.Braizinha, N.Kalantar-Nayestanaki - Phys.Rev.C 74, 064611 (2006)
The ^{7}Li(d(pol), n_0)^{8}Be and ^{7}Li(d(pol), n_1)^{8}Be reactions below 160 keV

2006SAZP Y.Sasamoto, T.Kawabata, T.Uesaka, K.Suda, Y.Maeda, S.Sakaguchi, K.Itoh, K.Hatanaka, M.Fujiwara, A.Tamii, Y.Shimizu, N.Nakanishi, K.Kawase, H.Hashimoto, Y.Tameshige, H.Matsubara, M.Itoh, H.P.Yoshida, M.Uchida - CNS-REP-69, p.33 (2006)
Study of Cluster States in ^{11}B and ^{13}C via (α, α') Reaction

2006SAZQ S.Sakaguchi, T.Uesaka, T.Wakui, T.Kawabata, N.Aoi, Y.Hashimoto, M.Ichikawa, Y.Ichikawa, K.Itoh, M.Itoh, H.Iwasaki, T.Kawahara, H.Kuboki, Y.Maeda, R.Matsuo, T.Nakao, H.Okamura, H.Sakai, N.Sakamoto, Y.Sasamoto, M.Sasano, Y.Satou, K.Sekiguchi, M.Shinohara, K.Suda, D.Suzuki, Y.Takahashi, A.Tamii, K.Yako, M.Yamaguchi - CNS-REP-69, p.27 (2006)
Analyzing Power Measurement for the p(pol) + ^{6}He Elastic Scattering at 71 MeV / u

2006SAZR A.Saito, S.Shimoura, T.Minemura, Y.U.Matsuyama, H.Baba, N.Aoi, T.Gomi, Y.Higurashi, K.Ieki, N.Imai, N.Iwasa, H.Iwasaki, S.Kanno, S.Kubono, M.Kunibu, S.Michimasa, T.Motobayashi, T.Nakamura, H.Ryuto, H.Sakurai, M.Serata, E.Takeshita, S.Takeuchi, T.Teranishi, K.Ue, K.Yamada, Y.Yanagisawa - CNS-REP-69, p.21 (2006)
Exotic Cluster States in ^{12}Be via α-Inelastic Scattering

2006SC30 P.Schef, M.Bjorkhage, P.Lundin, S.Mannervik - Phys.Scr. 73, 217 (2006)
Precise hyperfine structure measurements of La II utilizing the laser and rf double resonance technique

2006SCZV A.Schiller, N.Frank, T.Baumann, D.Bazin, B.A.Brown, J.Brown, P.A.DeYoung, J.E.Finck, A.Gade, J.Hinnefeld, R.Howes, J.-L.Lecouey, B.Luther, W.A.Peters, H.Scheit, M.Thoennessen, J.A.Tostevin - nucl-ex/0612024,12/21/2006 (2006)
Selective population and neutron decay of the first excited state of semi-magic ^{23}O

2006SH31 Yu.A.Shitov, on behalf of the NEMO Collaboration - Phys.Atomic Nuclei 69, 2090 (2006)
Double-Beta-Decay Experiment NEMO-3: Preliminary Results of Phase I (2003-2004)

2006SH32 Yu.A.Shitov, and the NEMO Collaboration - Bull.Rus.Acad.Sci.Phys. 70, 731 (2006)
Search for neutrinoless double beta decay in NEMO-3 and SUPERNEMO experiments

2006SI36 G.S.Simpson, J.A.Pinston, D.Balabanski, J.Genevey, G.Georgiev, J.Jolie, D.S.Judson, R.Orlandi, A.Scherillo, I.Tsekhanovich, W.Urban, N.Warr - Phys.Rev.C 74, 064308 (2006)
High-spin μs isomer in ^{98}Zr

2006SI37 M.A.G.Silveira, N.H.Medina, J.R.B.Oliveira, J.A.Alcantara-Nunez, E.W.Cybulska, H.Dias, M.N.Rao, R.V.Ribas, W.A.Seale, K.T.Wiedemann, B.A.Brown, M.Honma, T.Mizusaki, T.Otsuka - Phys.Rev.C 74, 064312 (2006)
^{58}Co: Structure of an odd-odd nucleus in the pf shell

2006SK09 B.B.Skorodumov, G.V.Rogachev, P.Boutachkov, A.Aprahamian, J.J.Kolata, L.O.Lamm, M.Quinn, A.Woehr - Phys.Atomic Nuclei 69, 1979 (2006)
Investigation of the ^{19}Na Nucleus via Resonance Elastic Scattering

2006ST27 S.Stave, and the A1 Collaboration - Eur.Phys.J. A 30, 471 (2006)
Lowest-Q^2 measurement of the $\gamma^*p \rightarrow \Delta$ reaction: Probing the pionic contribution

2006SUZW B.Sulignano, S.Hofmann, F.P.Hessberger, D.Ackermann, S.Antalic, H.G.Burkhard, B.Kindler, I.Kojouharov, P.Kuusiniemi, M.Leino, B.Lommel, R.Mann, K.Nishio, A.G.Popeko, S.Saro, H.J.Schott, B.Streicher, J.Uusitalo, A.V.Yeremin - GSI 2006-1, p.194 (2006)
Decay Studies of K-Isomeric States in ^{254}No and ^{252}No

2006SUZX M.K.Suzuki, H.Sakurai, H.Iwasaki, A.Dewald, T.Fukuchi, T.Fukui, Y.Ichikawa, E.Ideguchi, M.Liu, T.Nakao, M.Niikura, H.J.Ong, T.K.Onishi, H.Otsu, T.Sumikama, D.Suzuki, H.Suzuki, Y.Zheng, S.Shimoura - CNS-REP-69, p.35 (2006)
Lifetime Measurement of ^{32}Mg First 2^+ State

2006TAZW S.Takaki, K.Kondo, S.Shido, H.Miyamaru, I.Murata, K.Ochiai, T.Nishitani - JAEA-Conf 2006-009, p.95 (2006)
Measurement of Angle-correlated Differential (n, 2n) Reaction Cross Section with Pencil-beam DT Neutron Source

2006TEZW T.Teranishi, S.Kubono, H.Yamaguchi, J.J.He, A.Saito, H.Fujikawa, G.Amadio, M.Niikura, S.Shimoura, Y.Wakabayashi, S.Nishimura, M.Nishimura, J.Y.Moon, C.S.Lee, A.Odahara, D.Sohler, L.H.Khiem, Z.H.Li, G.Lian, W.P.Liu - CNS-REP-69, p.10 (2006)
Low-Lying Resonance Levels in ^{14}O

2006VA20 A.A.Vasenko, N.D.Galanina, K.E.Gusev, V.S.Demidov, E.V.Demidova, I.V.Kirpichnikov, A.Yu.Sokolov, A.S.Starostin, N.A.Khaldeeva - JETP Lett. 83, 433 (2006); Pisma Zh.Eksp.Teor.Fiz. 83, 504 (2006); Erratum JETP Lett. 83, 593 (2006); Erratum JETP Lett. 84, 354 (2006)
Formation of ^{24}Mg * in the Spallation of ^{28}Si Nuclei by 1-GeV Protons

2006VE10 D.Verney, L.Cabaret, J.E.Crawford, H.T.Duong, B.Fricke, J.Genevey, G.Huber, F.Ibrahim, M.Krieg, F.Le Blanc, J.K.P.Lee, G.Le Scornet, D.Lunney, J.Obert, J.Oms, J.Pinard, J.C.Putaux, K.Rashid, B.Roussiere, J.Sauvage, V.Sebastian, and the ISOLDE Collaboration - Eur.Phys.J. A 30, 489 (2006)
Deformation change in light iridium nuclei from laser spectroscopy

2006WAZX Y.Wakabayashi, T.Fukuchi, Y.Gono, A.Odahara, S.Tanaka, M.Inoue, T.Sasaki, M.Kibe, N.Hokoiwa, T.Shinozuka, M.Fujita, A.Yamazaki, T.Sonoda, C.S.Lee, Y.K.Kwon, J.Y.Moon, J.H.Lee - CNS-REP-69, p.25 (2006)
High-Spin States of ^{93}Nb

2006YA21 M.Yamaguchi, Y.Tagishi, Y.Aoki, T.Iizuka, T.Nagatomo, T.Shinba, N.Yoshimaru, Y.Yamato, T.Katabuchi, M.Tanifuji - Phys.Rev.C 74, 064606 (2006)
Analyzing powers of polarized deuterons in low-energy ^{6}Li(d, α)^{4}He and ^{6}Li(d, p_0)^{7}Li reactions in a resonance region

2006YAZT H.Yamaguchi, A.Saito, J.J.He, Y.Wakabayashi, G.Amadio, H.Fujikawa, S.Kubono, T.Teranishi, S.Nishimura, Y.Togano, Y.K.Kwon, L.H.Khiem, M.Niikura, N.Iwasa, K.Inafuku - CNS-REP-69, p.14 (2006)
Proton Resonance Scattering of ^{7}Be

2006ZA11 K.Zarie, N.Al-Hammad, A.Azzam - Radiochim.Acta 94, 795 (2006)
Experimental study of excitation functions of some proton induced reactions on ^{nat}Ti for beam monitoring purposes

2006ZH42 S.Zhu, A.N.Deacon, S.J.Freeman, R.V.F.Janssens, B.Fornal, M.Honma, F.R.Xu, R.Broda, I.R.Calderin, M.P.Carpenter, P.Chowdhury, F.G.Kondev, W.Krolas, T.Lauritsen, S.N.Liddick, C.J.Lister, P.F.Mantica, T.Pawlat, D.Seweryniak, J.F.Smith, S.L.Tabor, B.E.Tomlin, B.J.Varley, J.Wrzesinski - Phys.Rev.C 74, 064315 (2006)
Level structure of the neutron-rich ^{56,58,60}Cr isotopes: Single-particle and collective aspects.

2006ZH47 S.Zhang, L.Yang, J.Guo, F.Wang, A.Cui, L.Diao - Radiochim.Acta 94, 385 (2006)
Measurement of thermal neutron cross sections of the reactions ^{126}Sn(n, γ)^{127g,127m}Sn

2006ZHZY Y.Zheng, E.Ideguchi, M.Niikura, M.Liu, H.Baba, T.Fukuchi, T.Morikawa, S.Michimasa, S.Mitarai, S.Ota, S.Shimoura, Y.Wakabayashi, H.Yamaguchi - CNS-REP-69, p.12 (2006)
Excitation Function Measurement by using ^{19}F + ^{96}Zr Reaction

2007AC01 A.Acha, and the HAPPEX Collaboration - Phys.Rev.Lett. 98, 032301 (2007)
Precision Measurements of the Nucleon Strange Form Factors at $Q^2 \sim 0.1$ GeV^2

2007AD02 H.-H.Adam, I.Geck, A.Khoukaz, T.Lister, R.Santo, S.Steltenkamp, A.Taschner, E.Czerwinski, R.Czyzykiewicz, M.Janusz, L.Jarczyk, B.Kamys, P.Klaja, P.Moskal, C.Piskor-Ignatowicz, J.Przerwa, J.Smyrski, D.Grzonka, K.Kilian, W.Oelert, T.Sefzick, P.Winter, M.Wolke, P.Wustner, A.Budzanowski, T.Rozek, M.Siemaszko, W.Zipper - Phys.Rev. C 75, 014004 (2007)
Hadronic ^{3}Heη production near threshold

2007AG02 S.K.Aggarwal, D.Alamelu, P.M.Shah, N.N.Mirashi - Nucl.Instrum.Methods Phys.Res. A571, 663 (2007)
Precise and accurate determination of the half-life of the α-decay nuclide ^{243}Am using ^{241}Am as the reference isotope

2007AH02 T.Ahn, N.Pietralla, G.Rainovski, A.Costin, K.Dusling, T.C.Li, A.Linnemann, S.Pontillo - Phys.Rev. C 75, 014313 (2007)
γ-ray multipolarimetry between low-spin states of ^{136}Ce: Search for the $2^{+}_{1,ms}$ one-phonon mixed-symmetry state

2007AI01 A.Airapetian, and the HERMES Collaboration - Phys.Rev. D 75, 012007 (2007)
Precise determination of the spin structure function g_1 of the proton, deuteron, and neutron

2007AL13 F.S.Al-Saleh, A.A.Al-Harbi, A.Azzam - Radiochim.Acta 95, 127 (2007)
Yield and excitation function measurements of some nuclear reactions on natural thallium induced by protons leading to the production of medical radioisotopes ^{201}Tl and ^{203}Pb

2007BA04 M.S.Basunia, H.A.Shugart, A.R.Smith, E.B.Norman - Phys.Rev. C 75, 015802 (2007)
Measurement of cross sections for α-induced reactions on ^{197}Au and thick-target yields for the (α, γ) process on ^{64}Zn and ^{63}Cu

2007BA26 A.S.Barabash, Ph.Hubert, A.Nachab, V.Umatov - Nucl.Phys. A785, 371 (2007)
Search for β^+EC and ECEC processes in ^{74}Se

2007BAZZ A.S.Barabash, F.Hubert, Ph.Hubert, V.Umatov - nucl-ex/0703020,3/14/2007 (2007)
New limits on the β^+EC and ECEC processes in ^{120}Te

2007BE03 F.Bellemann, A.Berg, J.Bisplinghoff, G.Bohlscheid, J.Ernst, C.Henrich, F.Hinterberger, R.Ibald, R.Jahn, R.Joosten, K.Kilian, A.Kozela, H.Machner, A.Magiera, J.Munkel, P.von Neumann-Cosel, P.von Rossen, H.Schnitker, K.Scho, J.Smyrski, R.Tolle, C.Wilkin, and the COSY-MOMO Collaboration - Phys.Rev. C 75, 015204 (2007)
Experimental study of the pd $\rightarrow$ ^{3}He K^+K^- and pd $\rightarrow$ ^{3}He ϕ reactions close to threshold

2007BEZZ S.V.Begun, O.G.Druzheruchenko, O.O.Pupirina, V.K.Tarakanov - nucl-ex/0701039,01/23/2007 (2007)
Determination of the cross sections of (n, 2n), (n, γ) nuclear reactions on germanium isotopes at the energy of neutrons 13.96 MeV

2007BI01 P.Bienvenu, P.Cassette, G.Andreoletti, M.-M.Be, J.Comte, M.-C.Lepy - Appl.Radiat.Isot. 65, 355 (2007)
A new determination of ^{79}Se half-life

2007BO04 P.Boutachkov, N.Benczer-Koller, G.J.Kumbartzki, A.Escuderos, Y.Y.Sharon, L.Zamick, S.J.Q.Robinson, H.Ai, M.Chamberlain, G.Gurdal, A.Heinz, E.A.McCutchan, J.Quian, V.Werner, E.Williams, K.Aleksandrova, C.A.Copos, D.A.Kovacheva, P.Manchev - Phys.Rev. C 75, 021302 (2007)
Sign of the g factor of the 4_1^+ state in ^{68}Zn

2007BU01 L.Buchmann, J.D'Auria, M.Dombsky, U.Giesen, K.P.Jackson, P.McNeely, J.Powell, A.Volya - Phys.Rev. C 75, 012804 (2007)
β-delayed α emission of ^{18}N: Broad $J^\pi = 1^-$ states in the ^{14}C + α system

2007BY02 A.Byelikov, T.Adachi, H.Fujita, K.Fujita, Y.Fujita, K.Hatanaka, A.Heger, Y.Kalmykov, K.Kawase, K.Langanke, G.Martinez-Pinedo, K.Nakanishi, P.von Neumann-Cosel, R.Neveling, A.Richter, N.Sakamoto, Y.Sakemi, A.Shevchenko, Y.Shimbara, Y.Shimizu, F.D.Smit, Y.Tameshige, A.Tamii, S.E.Woosley, M.Yosoi - Phys.Rev.Lett. 98, 082501 (2007)

Gamow-Teller Strength in the Exotic Odd-Odd Nuclei ^{138}La and ^{180}Ta and Its Relevance for Neutrino, Nucleosynthesis

2007CA04 M.A.Cardona, D.Hojman, B.Roussiere, J.Libert, J.Genevey, J.Sauvage, the the ISOCELE and ISOLDE Collaborations - Eur.Phys.J. A 31, 141 (2007)
Low-spin states in ^{182}Os and $K^{\pi} = 0^{+}$, 2^{+} excited bands

2007CA05 C.M.Cattadori, M.De Deo, M.Laubenstein, L.Pandola, V.I.Tretyak - Phys.Atomic Nuclei 70, 127 (2007)
Beta Decay of ^{115}In to the First Excited Level of ^{115}Sn: Potential Outcome for Neutrino Mass

2007CAZZ M.Caamano, D.Cortina-Gil, W.Mittig, H.Savajols, M.Chartier, C.E.Demonchy, B.Fernandez, M.B.Gomez Hornillos, A.Gillibert, B.Jurado, O.Kiselev, R.Lemmon, A.Obertelli, F.Rejmund, M.Rejmund, P.Roussel-Chomaz, R.Wolski - nucl-ex/0702021,2/9/2007 (2007)
Characterization of ^{7}H Nuclear System

2007CH07 B.Cheal, M.D.Gardner, M.Avgoulea, J.Billowes, M.L.Bissell, P.Campbell, T.Eronen, K.T.Flanagan, D.H.Forest, J.Huikari, A.Jokinen, B.A.Marsh, I.D.Moore, A.Nieminen, H.Penttila, S.Rinta-Antila, B.Tordoff, G.Tungate, J.Aysto - Phys.Lett. B 645, 133 (2007)
The shape transition in the neutron-rich yttrium isotopes and isomers

2007CH09 W.-C.Chung, T.-I.Ro, G.Kim, S.Lee, M.Igashira, T.Ohsaki - J.Korean Phys.Soc. 50, 409 (2007)
Measurement of the keV-Neutron Capture Cross-Sections and Capture γ-Ray Spectra of ^{155}Gd and ^{157}Gd

2007CH20 M.S.Chowdhury - Acta Phys.Pol. B38, 181 (2007)
Optical model parameters from a study of the absolute elastic scattering cross sections from the ^{93}Nb(t, t)^{93}Nb experiment

2007CO01 J.L.Colaux, T.Thome, G.Terwagne - Nucl.Instrum.Methods Phys.Res. B254, 25 (2007)
Cross section measurements of the reactions induced by deuteron particles on ^{13}C

2007CR01 C.B.Crawford, A.Sindile, T.Akdogan, R.Alarcon, W.Bertozzi, E.Booth, T.Botto, J.Calarco, B.Clasie, A.DeGrush, T.W.Donnelly, K.Dow, D.Dutta, M.Farkhondeh, R.Fatemi, O.Filoti, W.Franklin, H.Gao, E.Geis, S.Gilad, W.Haeberli, D.Hasell, W.Hersman, M.Holtrop, P.Karpius, M.Kohl, H.Kolster, T.Lee, A.Maschinot, J.Matthews, K.McIlhany, N.Meitanis, R.G.Milner, R.P.Redwine, J.Seely, A.Shinozaki, S.Sirca, E.Six, T.Smith, B.Tonguc, C.Tschalaer, E.Tsentalovich, W.Turchinetz, J.F.J.van den Brand, J.van der Laan, F.Wang, T.Wise, Y.Xiao, W.Xu, C.Zhang, Z.Zhou, V.Ziskin, T.Zwart - Phys.Rev.Lett. 98, 052301 (2007)
Measurement of the Proton's Electric to Magnetic Form Factor Ratio from ^{1}H(pol)(e(pol), e'p)

2007DA04 P.J.Davies, A.V.Afanasjev, R.Wadsworth, C.Andreoiu, R.A.E.Austin, M.P.Carpenter, D.Dashdorj, S.J.Freeman, P.E.Garrett, A.Gorgen, J.Greene, D.G.Jenkins, F.L.Johnston-Theasby, P.Joshi, A.O.Macchiavelli, F.Moore, G.Mukherjee, W.Reviol, D.Sarantites, D.Seweryniak, M.B.Smith, C.E.Svensson, J.J.Valiente-Dobon, D.Ward - Phys.Rev. C 75, 011302 (2007)
Identification of the $g_{9/2}$ proton and neutron band crossing in the N = Z nucleus ^{76}Sr

2007DEZZ N.de Sereville, A.Coc, C.Angulo, M.Assuncao, D.Beaumel, E.Berthoumieux, B.Bouzid, S.Cherubini, M.Couder, P.Demaret, F.de Oliveira Santos, P.Figuera, S.Fortier, M.Gaelens, F.Hammache, J.Kiener, A.Lefebvre-Schuhl, D.Labar, P.Leleux, M.Loiselet, A.Ninane, S.Ouichaoui, G.Ryckewaert, N.Smirnova, V.Tatischeff - nucl-ex/0702034,2/16/2007 (2007)
Indirect study of ^{19}Ne states near the ^{18}F+p threshold

2007DO02 C.Domingo-Pardo, and the n_TOF Collaboration - Phys.Rev. C 75, 015806 (2007)
Measurement of the neutron capture cross section of the s-only isotope ^{204}Pb from 1 eV to 440 keV

2007EL01 E.Elhami, J.N.Orce, S.Mukhopadhyay, S.N.Choudry, M.Scheck, M.T.McEllistrem, S.W.Yates - Phys.Rev. C 75, 011301 (2007)
Anomalous behavior of the 2^+ mixed-symmetry state in ^{94}Zr

2007EL02 Z.Elekes, Zs.Dombradi, N.Aoi, S.Bishop, Zs.Fulop, J.Gibelin, T.Gomi, Y.Hashimoto, N.Imai, N.Iwasa, H.Iwasaki, G.Kalinka, Y.Kondo, A.A.Korsheninnikov, K.Kurita, M.Kurokawa, N.Matsui, T.Motobayashi, T.Nakamura, T.Nakao, E.Yu.Nikolskii, T.K.Ohnishi, T.Okumura, S.Ota, A.Perera, A.Saito, H.Sakurai, Y.Satou, D.Sohler, T.Sumikama, D.Suzuki, M.Suzuki, H.Takeda, S.Takeuchi, Y.Togano, Y.Yanagisawa - Phys.Rev.Lett. 98, 102502 (2007)
Spectroscopic Study of Neutron Shell Closures via Nucleon Transfer in the Near-Dripline Nucleus ^{23}O

2007ELZZ Z.Elekes, Zs.Dombradi, N.Aoi, S.Bishop, Zs.Fulop, J.Gibelin, T.Gomi, Y.Hashimoto, N.Imai, N.Iwasa, H.Iwasaki, G.Kalinka, Y.Kondo, A.A.Korsheninnikov, K.Kurita, M.Kurokawa, N.Matsui, T.Motobayashi, T.Nakamura, T.Nakao, E.Yu.Nikolskii, T.K.Ohnishi, T.Okumura, S.Ota, A.Perera, A.Saito, H.Sakurai, Y.Satou, D.Sohler, T.Sumikama, D.Suzuki, M.Suzuki, H.Takeda, S.Takeuchi, Y.Togano, Y.Yanagisawa - RIKEN-NC-NP-4 (2007)
Spectroscopic study of neutron shell closures via nucleon transfer in the near-dripline nucleus ^{23}O

2007EN02 J.Enders, O.Karg, P.von Neumann-Cosel, V.Yu.Ponomarev - Eur.Phys.J. A 31, 15 (2007)
Do we understand the electric quadrupole strength distributions in magic nuclei?

2007ESZZ A.Esler, J.C.Peng, D.Chandler, D.Howell, S.K.Lamoreaux, C.Y.Liu, J.R.Torgerson - nucl-ex/0703029,3/19/2007 (2007)
Dressed Spin of Helium-3

2007FI01 J.M.Figueira, J.O.Fernandez Niello, D.Abriola, A.Arazi, O.A.Capurro, E.de Barbara, G.V.Marti, D.Martinez Heimann, A.E.Negri, A.J.Pacheco, I.Padron, P.R.S.Gomes, J.Lubian, T.Correa, B.Paes - Phys.Rev. C 75, 017602 (2007)
Breakup threshold anomaly in the elastic scattering of ^{6}Li on ^{27}Al

2007FOZZ W.Fong, J.L.Matthews, M.L.Dowell, E.R.Kinney, T.Soos, M.Y.Wang, S.A.Wood, P.A.M.Gram, G.A.Rebka, Jr., D.A.Roberts - nucl-ex/0701002,01/03/2007 (2007)
Inclusive pion double charge exchange in light p-shell nuclei

2007FRZY R.H.France III, E.L.Wilds, J.E.McDonald, M.Gai - nucl-ex/0702018,2/8/2007 (2007)
A Further Measurement of the β-Delayed α-Particle Emission of ^{16}N

2007FRZZ S.J.Freeman, J.P.Schiffer, A.C.C.Villari, J.A.Clark, C.Deibel, S.Gros, A.Heinz, D.Hirata, C.L.Jiang, B.P.Kay, A.Parikh, P.D.Parker, J.Qian, K.E.Rehm, X.D.Tang, V.Werner, C.Wrede - nucl-ex/0701003,01/03/2007 (2007)
Pair correlations in nuclei involved in neutrinoless double beta decay: ^{76}Ge and ^{76}Se

2007GA03 P.E.Garrett, S.M.Lenzi, E.Algin, D.Appelbe, R.W.Bauer, J.A.Becker, L.A.Bernstein, J.A.Cameron, M.P.Carpenter, R.V.F.Janssens, C.J.Lister, D.Seweryniak, D.D.Warner - Phys.Rev. C 75, 014307 (2007)
Spectroscopy of the N = Z - 2 nucleus ^{46}Cr and mirror energy differences

2007GA07 L.I.Galanina, N.S.Zelenskaya, V.M.Lebedev, N.V.Orlova, O.I.Serikov, A.V.Spassky, I.A.Konyukhova - Phys.Atomic Nuclei 70, 273 (2007); Yad.Fiz. 70, 297 (2007)
Investigation of the mechanism of inelastic deuteron scattering on ^{12}C at E_d = 15.3 MeV by the method of dγ angular correlations

2007GIZY J.Gibelin, D.Beaumel, T.Motobayashi, N.Aoi, H.Baba, Y.Blumenfeld, Zs.Dombradi, Z.Elekes, S.Fortier, N.Frascaria, N.Fukuda, T.Gomi, K.Ishikawa, Y.Kondo, T.Kubo, V.Lima, T.Nakamura, A.Saito, Y.Satou, E.Takeshita, S.Takeuchi, T.Teranishi, Y.Togano, A.M.Vinodkumar, Y.Yanagisawa, K.Yoshida - RIKEN-NC-NP-5 (2007)
Measurement of the B(E2, $O_1^+ \rightarrow 2_1^+$) in the N = 16 nucleus ^{26}Ne

2007GIZZ J.Giovinazzo, B.Blank, C.Borcea, G.Canchel, C.E.Demonchy, F.de Oliveira Santos, C.Dossat, S.Grevy, L.Hay, J.Huikari, S.Leblanc, I.Matea, J.-L.Pedroza, L.Perrot, J.Pibernat, L.Serani, C.Stodel, J.-C.Thomas - nucl-ex/0703011,3/5/2007 (2007)
First direct observation of two protons in the decay of ^{45}Fe with a TPC

2007GL01 Yu.A.Glukhov, V.P.Rudakov, K.P.Artemov, A.S.Demyanova, A.A.Ogloblin, S.A.Goncharov, A.Izadpanakh - Phys.Atomic Nuclei 70, 1 (2007); Yad.Fiz. 70, 4 (2007)
Nuclear Rainbow in the Elastic Scattering of ^{16}O Nuclei on Carbon Isotopes

2007GO03 F.Gonnenwein, I.Tsekhanovich, V.Rubchenya - Int.J.Mod.Phys. E16, 410 (2007)
Angular momenta of near-spherical fission fragments

2007GR05 A.Grau Carles, K.Kossert - Nucl.Instrum.Methods Phys.Res. A572, 760 (2007)
Measurement of the shape-factor functions of the long-lived radionuclides ^{87}Rb, ^{40}K and ^{10}Be

2007GU05 J.R.Guest, N.D.Scielzo, I.Ahmad, K.Bailey, J.P.Greene, R.J.Holt, Z.-T.Lu, T.P.O'Connor, D.H.Potterveld - Phys.Rev.Lett. 98, 093001 (2007)
Laser Trapping of ^{225}Ra and ^{226}Ra with Repumping by Room-Temperature Blackbody Radiation

2007GUZY V.Guimaraes, R.Lichtenthaler, O.Camargo, A.Barioni, M.Assuncao, J.J.Kolata, H.Amro, F.D.Becchetti, H.Jiang, E.F.Aguilera, D.Lizcano, E.Martinez-Quiroz, H.Garcia - nucl-ex/0701046,01/23/2007 (2007)
Neutron transfer reactions induced by ^{8}Li on ^{9}Be

2007GUZZ C.Guenaut, G.Audi, D.Beck, K.Blaum, G.Bollen, P.Delahaye, F.Herfurth, A.Kellerbauer, H.-J.Kluge, J.Libert, D.Lunney, S.Schwarz, L.Schweikhard, C.Yazidjian - nucl-ex/0701029,01/22/2007 (2007)
High-precision mass measurements of nickel, copper, and gallium isotopes and the purported shell closure at N=40

2007HE01 A.Heusler, G.Graw, R.Hertenberger, F.Riess, H.-F.Wirth, R.Krucken, P.von Brentano - Phys.Rev. C 75, 024312 (2007)
Mixing strength in the two lowest 0^- states in ^{208}Pb

2007HEZZ A.Heusler, G.Graw, R.Hertenberger, F.Riess, R.Krucken, H.-F.Wirth, P.von Brentano - Priv.Comm. (2007)
Mixing strength in the two lowest 0^- states in ^{208}Pb

2007HU02 M.Hunyadi, A.M.van den Berg, B.Davids, M.N.Harakeh, M.A.de Huu, H.J.Wortche, M.Csatlos, J.Gulyas, A.Krasznahorkay, D.Sohler, U.Garg, M.Fujiwara, N.Blasi - Phys.Rev. C 75, 014606 (2007)
Evidence for direct neutron decay of the isoscalar giant dipole resonances in ^{90}Zr, ^{116}Sn, and ^{208}Pb

2007HU03 A.M.Hurst, P.A.Butler, D.G.Jenkins, P.Delahaye, F.Wenander, F.Ames, C.J.Barton, T.Behrens, A.Burger, J.Cederkall, E.Clement, T.Czosnyka, T.Davinson, G.de Angelis, J.Eberth, A.Ekstrom, S.Franchoo, G.Georgiev, A.Gorgen, R.-D.Herzberg, M.Huyse, O.Ivanov, J.Iwanicki, G.D.Jones, P.Kent, U.Koster, T.Kroll, R.Krucken, A.C.Larsen, M.Nespolo, M.Pantea, E.S.Paul, M.Petri, H.Scheit, T.Sieber, S.Siem, J.F.Smith, A.Steer, I.Stefanescu, N.U.H.Syed, J.Van de Walle, P.Van Duppen, R.Wadsworth, N.Warr, D.Weisshaar, M.Zielinska - Phys.Rev.Lett. 98, 072501 (2007)
Measurement of the Sign of the Spectroscopic Quadrupole Moment for the 2_1^+ State in ^{70}Se: No Evidence for Oblate Shape

2007HU04 B.T.Hu, P.P.Zarubin, U.U.Juravlev - Chinese Physics 16, 989 (2007)
^{106,110}Pd(p, nγ)^{106,110}Ag reactions at E_p = 6.0 - 7.7 MeV

2007ILZZ Y.Ilieva, for the CLAS Collaboration - nucl-ex/0703006,3/5/2007 (2007)
Observation of a backward peak in the γd $\rightarrow \pi^0$d cross section near the η threshold

2007IOZZ M.Iodice, E.Cisbani, R.De Leo, S.Frullani, F.Garibaldi, D.L.Groep, W.H.A.Hesselink, E.Jans, L.Lapikas, C.J.G.Onderwater, R.Perrino, J.Ryckebusch, R.Starink, G.M.Urciuoli - nucl-ex/0703007,3/5/2007 (2007)
O16(e, e'p) reaction at large missing energy

2007JIZZ X.Jiang, and the Jefferson Lab Hall A Collaboration - nucl-ex/0702002,2/2/2007 (2007)
Angular dependence of recoil proton polarization in high-energy γd $\rightarrow$ pn

2007JO01 P.Joshi, M.P.Carpenter, D.B.Fossan, T.Koike, E.S.Paul, G.Rainovski, K.Starosta, C.Vaman, R.Wadsworth - Phys.Rev.Lett. 98, 102501 (2007)
Effect of γ Softness on the Stability of Chiral Geometry: Spectroscopy of ^{106}Ag

2007KA12 S.A.Kandil, I.Spahn, B.Scholten, Z.A.Saleh, S.M.M.Saad, H.H.Coenen, S.M.Qaim - Appl.Radiat.Isot. 65, 561 (2007)
Excitation functions of (α, xn) reactions on ^{nat}Rb and ^{nat}Sr from threshold up to 26 MeV: Possibility of production of ^{87}Y, ^{88}Y and ^{89}Zr

2007KAZZ D.Kameda, H.Ueno, K.Asahi, M.Takemura, A.Yoshimi, T.Haseyama, M.Uchida, K.Shimada, D.Nagae, G.Kijima, T.Arai, K.Takase, S.Suda, T.Inoue, J.Murata, H.Kawamura, Y.Kobayashi, H.Watanabe, M.Ishihara - RIKEN-NC-NP-6 (2007)
Measurement of the electric quadrupole moment of ^{32}Al

2007KE02 J.J.Kelly, and the Jefferson Laboratory E91011 and Hall A Collaborations - Phys.Rev. C 75, 025201 (2007)
Recoil polarization measurements for neutral pion electroproduction at $Q^2 = 1$ (GeV / c)^2 near the Δ resonance

2007KHZZ M.U.Khandaker, M.S.Uddin, K.S.Kim, M.W.Lee, Y.S.Lee, G.N.Kim - nucl-ex/0703035,3/23/2007 (2007)
Excitation functions of proton induced nuclear reactions on ^{nat}W up to 40 MeV

2007KI02 G.D.Kim, H.J.Woo, J.K.Kim, T.K.Yang, J.H.Chang - J.Radioanal.Nucl.Chem. 271, 541 (2007)
Production of monoenergetic MeV-range neutrons by ^{3}H(p, n)^{3}He reaction

2007KI03 G.D.Kim, H.J.Woo, H.W.Choi, N.B.Kim, T.K.Yang, J.H.Chang, K.S.Park - J.Radioanal.Nucl.Chem. 271, 553 (2007)
Measurements of fast neutron capture cross sections on ^{63}Cu and ^{186}W

2007KLZZ B.Klos, A.Trzcinska, J.Jastrzebski, T.Czosnyka, M.Kisielinski, P.Lubinski, P.Napiorkowski, L.Pienkowski, F.J.Hartmann, B.Ketzer, P.Ring, R.Schmidt, T.von Egidy, R.Smolanczuk, S.Wycech, K.Gulda, W.Kurcewicz, E.Widmann, B.A.Brown - nucl-ex/0702016,2/9/2007 (2007)
Neutron density distributions from antiprotonic ^{208}Pb and ^{209}Bi atoms

2007KO01 F.G.Kondev, I.Ahmad, J.P.Greene, M.A.Kellett, A.L.Nichols - Appl.Radiat.Isot. 65, 335 (2007)
Measurements of the half-life of ^{246}Cm and the α-decay emission probabilities of ^{246}Cm and ^{250}Cf

2007KO02 M.Kokkoris, P.Misaelides, A.Kontos, A.Lagoyannis, S.Harissopulos, R.Vlastou, C.T.Papadopoulos - Nucl.Instrum.Methods Phys.Res. B254, 10 (2007)

Differential cross section measurements of the ^{12}C(d, $p_{1,2,3}$)^{13}C reactions in the energy range $E_{d,lab}$=900-2000 keV for nuclear reaction analysis

2007KO18 J.Kozempel, K.Abbas, F.Simonelli, M.Zampese, U.Holzwarth, N.Gibson, L.Leseticky - Radiochim.Acta 95, 75 (2007)
A novel method for n.c.a. ^{64}Cu production by the ^{64}Zn(d, 2p)^{64}Cu reaction and dual ion-exchange column chromatography

2007KS01 R.Kshetri, M.S.Sarkar, I.Ray, P.Banerjee, S.Sarkar, R.Raut, A.Goswami, J.M.Chatterjee, S.Chattopadhyay, U.Datta Pramanik, A.Mukherjee, C.C.Dey, S.Bhattacharya, B.Dasmahapatra, S.Bhowal, G.Gangopadhyay, P.Datta, H.C.Jain, R.K.Bhowmik, S.Muralithar R.P.Singh, R.Kumar - Nucl.Phys. A781, 277 (2007)
High spin structure of ^{35}Cl and the sd-fp shell gap

2007LA01 S.Lapi, W.J.Mills, J.Wilson, S.McQuarrie, J.Publicover, M.Schueller, D.Schyler, J.J.Ressler, T.J.Ruth - Appl.Radiat.Isot. 65, 345 (2007)
Production cross-sections of $^{181-186}$Re isotopes from proton bombardment of natural tungsten

2007LA03 S.Lalkovski, S.Ilieva, A.Minkova, N.Minkov, T.Kutsarova, A.Lopez-Martens, A.Korichi, H.Hubel, A.Gorgen, A.Jansen, G.Schonwasser, B.Herskind, M.Bergstrom, Zs.Podolyak - Phys.Rev. C 75, 014314 (2007)
Octupole collectivity in ^{98,100,102}Mo

2007LI04 H.-J.Liu, Z-J.Zheng, Y.-Q.Gu, B.-H.Zhang, Y.-J.Rhee, S.-M.Nam, J.-M.Han, Y.-W.Rhee, K.-H.Yea, J.-B.Chen, H.-B.Wang, C.-Y.Jiao, Y.-L.He, T.-S.Wen, X.-L.Wen, M.Chen - Chin.Phys.Lett. 24, 494 (2007)
Deuterium Cluster Fusion Induced by the Intense Femtosecond Laser Pulse

2007LI06 R.M.Lindstrom, R.Zeisler, R.R.Greenberg - J.Radioanal.Nucl.Chem. 271, 311 (2007)
Accuracy and uncertainty in radioactivity measurement for NAA

2007LI07 A.Linnemann, C.Fransen, J.Jolie, U.Kneissl, P.Knoch, C.Kohstall, D.Mucher, H.H.Pitz, M.Scheck, C.Scholl, F.Stedile, P.von Brentano, N.Warr, V.Werner - Phys.Rev. C 75, 024310 (2007)
Low-lying J=1 states in ^{106}Cd

2007LY01 Yu.P.Lyakhno, I.V.Dogyust, E.S.Gorbenko, V.Yu.Lyakhno, S.S.Zub - Nucl.Phys. A781, 306 (2007)
Random-test multipole analysis of two-body (γ, p) and (γ, n) reactions of ^{4}He nuclear disintegration

2007MA04 C.M.Mattoon, F.Sarazin, G.Hackman, E.S.Cunningham, R.A.E.Austin, G.C.Ball, R.S.Chakrawarthy, P.Finlay, P.E.Garrett, G.F.Grinyer, B.Hyland, K.A.Koopmans, J.R.Leslie, A.A.Phillips, M.A.Schumaker, H.C.Scraggs, J.Schwarzenberg, M.B.Smith, C.E.Svensson, J.C.Waddington, P.M.Walker, B.Washbrook, E.Zganjar - Phys.Rev. C 75, 017302 (2007)
β decay of ^{32}Na

2007MA15 S.Maji, S.Lahiri - Radiochim.Acta 95, 133 (2007)

Production of no-carrier-added ^{123}I via heavy-ion activation of natural antimony oxide

2007MIZZ D.G.Middleton, J.R.M.Annand, C.Barbieri, P.Barneo, P.Bartsch, D.Baumann, J.Bermuth, D.Bosnar, H.P.Blok, R.Bohm, M.Ding, M.O.Distler, D.Elsner, J.Friedrich, C.Giusti, D.I.Glazier, P.Grabmayr, S.Grozinger, T.Hehl, J.Heim, W.H.A.Hesselink, E.Jans, F.Klein, M.Kohl, L.Lapikas, I.J.D.MacGregor, I.Martin, J.C.McGeorge, H.Merkel, P.Merle, F.Moschini, U.Muller, Th.Pospischil, G.Rosner, H.Schmieden, M.Seimetz, A.Sule, H.de Vries, Th.Walcher, D.P.Watts, M.Weis, B.Zihlmann - nucl-ex/0701053,1/24/2007 (2007); see also 2006Mi22
First measurements of the ^{16}O(e, e'pn)^{14}N reaction

2007MO09 K.Morita, K.Morimoto, D.Kaji, T.Akiyama, S.Goto, H.Haba, E.Ideguchi, K.Katori, H.Koura, H.Kudo, T.Ohnishi, A.Ozawa, T.Suda, K.Sueki, F.Tokanai, T.Yamaguchi, A.Yoneda, A.Yoshida - J.Phys.Soc.Jpn. 76, 043201 (2007)
Experiment on Synthesis of an Isotope ^{277}112 by ^{208}Pb + ^{70}Zn Reaction

2007MOZY K.Morita, K.Morimoto, D.Kaji, T.Akiyama, S.Goto, H.Haba, E.Ideguchi, K.Katori, H.Koura, H.Kudo, T.Ohnishi, A.Ozawa, N.Sato, T.Suda, K.Sueki, F.Tokanai, T.Yamaguchi, A.Yoneda, A.Yoshida - RIKEN-NC-NP-3 (2007)
Observation of Second Decay Chain from ^{278}113

2007MOZZ K.Morita, K.Morimoto, D.Kaji, T.Akiyama, S.Goto, H.Haba, E.Ideguchi, K.Katori, H.Koura, H.Kudo, T.Ohnishi, A.Ozawa, T.Suda, K.Sueki, F.Tokanai, T.Yamaguchi, A.Yoneda, A.Yoshida - RIKEN-NC-NP-2 (2007)
Experiments on Synthesis of an Isotope ^{277}112 by ^{208}Pb + ^{70}Zn Reaction

2007NA04 H.Naik, S.P.Dange, R.J.Singh, A.V.R.Reddy - Eur.Phys.J. A 31, 195 (2007)
Single-particle spin effect on fission fragment angular momentum

2007NA05 S.Nakamura, H.Harada, S.Raman, P.E.Koehler - J.Nucl.Sci.Technol.(Tokyo) 44, 21 (2007)
Thermal Neutron Capture Cross Sections of Zirconium-91 and Zirconium-93 by Prompt γ-ray Spectroscopy

2007NG01 V.D.Nguyen, D.K.Pham, T.T.Kim, D.T.Tran, V.D.Phung, Y.S.Lee, G.Kim, Y.Oh, H.-S.Lee, H.Kang, M.-H.Cho, I.S.Ko, W.Namkung - J.Korean Phys.Soc. 50, 417 (2007)
Measurement of Isomeric Cross-Section Ratios for the ^{45}Sc(γ, n)^{44m,g}Sc, ^{nat}Ti(γ, x)^{44m,g}Sc, ^{103}Rh(γ, 4n)^{99m,g}Rh, and ^{nat}Fe(γ, x)^{52m,g}Mn Reactions Induced by 65-MeV Bremsstrahlung

2007NI02 Y.Nir-El, G.Haquin, Z.Yungreiss, M.Hass, G.Goldring, S.K.Chamoli, B.S.Nara Singh, S.Lakshmi, U.Koster, N.Champault, A.Dorsival, G.Georgiev, V.N.Fedoseyev, B.A.Marsh, D.Schumann, G.Heidenreich, S.Teichmann - Phys.Rev. C 75, 012801 (2007)
Precision measurement of the decay rate of ^{7}Be in host materials

2007NI03 B.Nilsson, J.-O.Adler, B.-E.Andersson, J.R.M.Annand, I.Akkurt, M.J.Boland, G.I.Crawford, K.G.Fissum, K.Hansen, P.D.Harty, D.G.Ireland, L.Isaksson, M.Karlsson, M.Lundin, J.C.McGeorge, G.J.Miller, H.Ruijter, A.Sandell, B.Schroder, D.A.Sims, D.Watts, and the MAX-lab Nuclear Physics Work Group - Phys.Rev. C 75, 014007 (2007)
Measurement of the ^{4}He(γ, n) reaction from 23 < E_γ < 70 MeV

2007NI04 N.Nica, J.C.Hardy, V.E.Iacob, W.E.Rockwell, M.B.Trzhaskovskaya - Phys.Rev. C 75, 024308 (2007)
Test of internal-conversion theory with measurements in ^{134}Cs and ^{137}Ba

2007NY01 J.A.Nye, M.A.Avila-Rodriguez, R.J.Nickles - Appl.Radiat.Isot. 65, 407 (2007)
A new binary compound for the production of ^{124}I via the ^{124}Te(p, n)^{124}I reaction

2007OR01 J.N.Orce, C.Fransen, A.Linnemann, C.J.McKay, S.R.Lesher, N.Pietralla, V.Werner, G.Friessner, C.Kohstall, D.Mucher, H.H.Pitz, M.Scheck, C.Scholl, F.Stedile, N.Warr, S.Walter, P.von Brentano, U.Kneissl, M.T.McEllistrem, S.W.Yates - Phys.Rev. C 75, 014303 (2007)
Lifetime measurements in ^{93}Nb from photon and inelastic neutron scattering

2007OZ01 N.Ozkan, G.Efe, R.T.Guray, A.Palumbo, J.Gorres, H.Y.Lee, L.O.Lamm, W.Rapp, E.Stech, M.Wiescher, Gy.Gyurky, Zs.Fulop, E.Somorjai - Phys.Rev. C 75, 025801 (2007)
Astrophysical S factor for α-capture on ^{112}Sn in the p-process energy range

2007PA03 E.S.Paul, P.J.Twin, A.O.Evans, A.Pipidis, M.A.Riley, J.Simpson, D.E.Appelbe, D.B.Campbell, P.T.W.Choy, R.M.Clark, M.Cromaz, P.Fallon, A.Gorgen, D.T.Joss, I.Y.Lee, A.O.Macchiavelli, P.J.Nolan, D.Ward, I.Ragnarsson - Phys.Rev.Lett. 98, 012501 (2007)
Return of Collective Rotation in ^{157}Er and ^{158}Er at Ultrahigh Spin

2007PA05 J.Pakarinen, V.Hellemans, R.Julin, S.Juutinen, K.Heyde, P.-H.Heenen, M.Bender, I.G.Darby, S.Eeckhaudt, T.Enqvist, T.Grahn, P.T.Greenlees, F.Johnston-Theasby, P.Jones, H.Kettunen, M.Leino, A.-P.Leppanen, P.Nieminen, M.Nyman, R.D.Page, P.M.Raddon, P.Rahkila, C.Scholey, J.Uusitalo, R.Wadsworth - Phys.Rev. C 75, 014302 (2007)
Investigation of nuclear collectivity in the neutron mid-shell nucleus ^{186}Pb

2007PA07 E.S.Paul, K.Starosta, A.O.Evans, A.J.Boston, H.J.Chantler, C.J.Chiara, M.Devlin, A.M.Fletcher, D.B.Fossan, D.R.LaFosse, G.J.Lane, I.Y.Lee, A.O.Macchiavelli, P.J.Nolan, D.G.Sarantites, J.M.Sears, A.T.Semple, J.F.Smith, C.Vaman, A.V.Afanasjev, I.Ragnarsson - Phys.Rev. C 75, 014308 (2007)
Smooth terminating bands in ^{112}Te: Particle-hole induced collectivity

2007PE02 Yu.E.Penionzhkevich, R.A.Astabatyan, N.A.Demekhina, G.G.Gulbekian, R.Kalpakchieva, A.A.Kulko, S.M.Lukyanov, E.R.Markaryan, V.A.Maslov, Yu.A.Muzychka, Yu.Ts.Oganessian, R.V.Revenko, N.K.Skobelev, Yu.G.Sobolev, D.A.Testov, T.Zholdybaev - Eur.Phys.J. A 31, 185 (2007)
Excitation functions of fusion reactions and neutron transfer in the interaction of ^{6}He with ^{197}Au and ^{206}Pb

2007PI05 E.Piasetzky, for the Jefferson Laboratory Hall A and E01-015 Collaborations - Nucl.Phys. A782, 207c (2007)
Studying close proximity proton pairs in nuclei via large momentum transfer exclusive electron nucleus reactions

2007PR02 D.L.Price, M.Freer, N.I.Ashwood, N.M.Clarke, N.Curtis, L.Giot, V.Lima, P.McEwan, B.Novatski, N.A.Orr, S.Sakuta, J.A.Scarpaci, D.Stepanov, V.Ziman - Phys.Rev. C 75, 014305 (2007)
α decay of excited states in ^{14}C

2007PR03 F.M.Prados Estevez, A.M.Bruce, M.J.Taylor, H.Amro, C.W.Beausang, R.F.Casten, J.J.Ressler, C.J.Barton, C.Chandler, G.Hammond - Phys.Rev. C 75, 014309 (2007)
Isospin purity of T = 1 states in the A = 38 nuclei studied via lifetime measurements in ^{38}K

2007QA02 S.M.Qaim, T.Bisinger, K.Hilgers, D.Nayak, H.H.Coenen - Radiochim.Acta 95, 67 (2007)
Positron emission intensities in the decay of ^{64}Cu, ^{76}Br and ^{124}I

2007RAZY S.Rahaman, U.Hager, V.-V.Elomaa, T.Eronen, J.Hakala, A.Jokinen, A.Kankainen, P.Karvonen, I.D.Moore, H.Penttila, S.Rinta-Antila, J.Rissanen, A.Saastamoinen, T.Sonoda, J.Aysto - nucl-ex/0703017,3/12/2007 (2007)
Precise atomic masses of neutron-rich Br and Rb nuclei close to the r-process path

2007RAZZ C.Rauth, D.Ackermann, K.Blaum, M.Block, A.Chaudhuri, S.Eliseev, R.Ferrer, D.Habs, F.Herfurth, F.P.Hessberger, S.Hofmann, H.-J.Kluge, G.Maero, A.Martin, G.Marx, M.Mukherjee, J.B.Neumayr, W.R.Plass, W.Quint, S.Rahaman, D.Rodriguez, C.Scheidenberger, L.Schweikhard, P.G.Thirolf, G.Vorobjev, C.Weber, Z.Di - nucl-ex/0701030,01/22/2007 (2007)
Direct mass measurements beyond the proton drip-line

2007RE03 M.Redshaw, E.Wingfield, J.McDaniel, E.G.Myers - Phys.Rev.Lett. 98, 053003 (2007)
Mass and Double-Beta-Decay Q Value of ^{136}Xe

2007RI01 S.Rinta-Antila, T.Eronen, V.-V.Elomaa, U.Hager, J.Hakala, A.Jokinen, P.Karvonen, H.Penttila, J.Rissanen, T.Sonoda, A.Saastamoinen, J.Aysto - Eur.Phys.J. A 31, 1 (2007)
Decay study of neutron-rich zirconium isotopes employing a Penning trap as a spectroscopy tool

2007RO01 G.V.Rogachev, J.J.Kolata, A.S.Volya, F.D.Becchetti, Y.Chen, P.A.DeYoung, J.Lupton - Phys.Rev. C 75, 014603 (2007)
Spectroscopy of ^{9}C via resonance scattering of protons on ^{8}B

2007RU01 A.T.Rudchik, K.W.Kemper, A.A.Rudchik, A.M.Crisp, V.D.Chesnokova, V.M.Kyryanchuk, F.Marechal, O.A.Momotyuk, O.A.Ponkratenko, B.T.Roeder, K.Rusek - Phys.Rev. C 75, 024612 (2007)
Tensor analyzing powers and energy dependence of the ^{7}Li+^{16}O interaction

2007RU04 A.A.Rudchik, A.T.Rudchik, S.Kliczewski, E.I.Koshchy, O.A.Ponkratenko, K.W.Kemper, K.Rusek, A.Budzanowski, J.Choinski, B.Czech, T.Czosnyka, V.D.Chesnokova, L.Glowacka, E.Kozik, V.M.Kyryanchuk, S.Yu.Mezhevych, A.V.Mokhnach, O.A.Momotyuk, I.Skwirczynska, R.Siudak, A.Szczurek - Nucl.Phys. A785, 293 (2007)
Elastic and inelastic scattering of ^{7}Li + ^{18}O versus ^{7}Li + ^{16}O

2007SAZZ Y.Safkan, T.Akdogan, W.A.Franklin, J.L.Matthews, W.M.Schmitt, V.V.Zelevinsky, P.A.M.Gram, T.N.Taddeucci, S.A.Wender, S.F.Pate - nucl-ex/0701009,01/05/2007 (2007)
Differential cross section for neutron-proton bremsstrahlung

2007SC03 S.Schippers, E.W.Schmidt, D.Bernhardt, D.Yu, A.Muller, M.Lestinsky, D.A.Orlov, M.Grieser, R.Repnow, A.Wolf - Phys.Rev.Lett. 98, 033001 (2007)
Storage-Ring Measurement of the Hyperfine Induced $^{47}Ti^{18+}(2s2p^{3}P_{0} \rightarrow 2s^{21}S_{0})$ Transition Rate

2007SE01 R.G.Selwyn, R.J.Nickles, B.R.Thomadsen, L.A.DeWerd, J.A.Micka - Appl.Radiat.Isot. 65, 318 (2007)
A new internal pair production branching ratio of ^{90}Y: The development of a non-destructive assay for ^{90}Y and ^{90}Sr

2007SEZZ A.P.Serebrov, V.E.Varlamov, A.G.Kharitonov, A.K.Fomin, Yu.N.Pokotilovski, P.Geltenbort, I.A.Krasnoschekova, M.S.Lasakov, R.R.Taldaev, A.V.Vassiljev, O.M.Zherebtsov - nucl-ex/0702009,2/6/2007 (2007)
Neutron lifetime measurements using gravitationally trapped ultracold neutrons

2007SH01 M.K.Sharma, H.D.Bhardwaj, Unnati, Pushpendra P.Singh, B.P.Singh, R.Prasad - Eur.Phys.J. A 31, 43 (2007)
A study of pre-equilibrium emission of neutrons in ^{93}Nb(α, xn) reactions

2007SH05 M.Shibata, O.Suematsu, Y.Kojima, K.Kawade, A.Taniguchi, Y.Kawase - Eur.Phys.J. A 31, 171 (2007)
Observation of M3 isomeric transition from ^{156m}Pm through the β^{-}-decay of ^{156}Nd

2007SHZZ R.Shneor, and the Jefferson Lab Hall A Collaboration - nucl-ex/0703023,3/15/2007 (2007)
Investigation of Proton-Proton Short-Range Correlations via the ^{12}C(e, e'pp) Reaction

2007SI06 G.Simpson, J.Genevey, J.A.Pinston, U.Koster, R.Orlandi, A.Scherillo, I.A.Tsekhanovich - Phys.Rev. C 75, 027301 (2007)
Excitation energy and deformation of the 1 / 2^{+}[431] intruder band in ^{107}Tc

2007SK02 B.B.Skorodumov, G.V.Rogachev, P.Boutachkov, A.Aprahamian, V.Z.Goldberg, A.Mukhamedzhanov, S.Almaraz, H.Amro, F.D.Becchetti, S.Brown, Y.Chen, H.Jiang, J.J.Kolata, L.O.Lamm, M.Quinn, A.Woehr - Phys.Rev. C 75, 024607 (2007)
Lowest excited states of ^{13}O

2007SM01 A.B.Smith - Nucl.Sci.Eng. 155, 74 (2007)
Neutron Scattering from an Asymmetric Rotor: ^{197}Au

2007SP01 T.Spillane, F.Raiola, F.Zeng, H.W.Becker, L.Gialanella, K.U.Kettner, R.Kunze, C.Rolfs, M.Romano, D.Schurmann, F.Strieder - Eur.Phys.J. A 31, 203 (2007)
The ^{198}Au β^- -half-life in the metal Au

2007SP03 T.Spillane, F.Raiola, C.Rolfs, D.Schurmann, F.Strieder, S.Zeng, H.-W.Becker, C.Bordeanu, L.Gialanella, M.Romano, J.Schweitzer - Phys.Rev.Lett. 98, 122501 (2007)
^{12}C + ^{12}C Fusion Reactions near the Gamow Energy

2007SPZZ T.Spillane, F.Raiola, S.Zeng, H.-W.Becker, C.Bordeanu, L.Gialanella, C.Rolfs, M.Romano, D.Schurmann, J.Schweitzer, F.Strieder - nucl-ex/0702023,2/9/2007 (2007)
Study of the ^{12}C+^{12}C fusion reactions near the Gamow energy

2007ST03 I.Stefanescu, G.Georgiev, F.Ames, J.Aysto, D.L.Balabanski, G.Bollen, P.A.Butler, J.Cederkall, N.Champault, T.Davinson, A.De Maesschalck, P.Delahaye, J.Eberth, D.Fedorov, V.N.Fedosseev, L.M.Fraile, S.Franchoo, K.Gladnishki, D.Habs, K.Heyde, M.Huyse, O.Ivanov, J.Iwanicki, J.Jolie, B.Jonson, Th.Kroll, R.Krucken, O.Kester, U.Koster, A.Lagoyannis, L.Liljeby, G.Lo Bianco, B.A.Marsh, O.Niedermaier, T.Nilsson, M.Oinonen, G.Pascovici, P.Reiter, A.Saltarelli, H.Scheit, D.Schwalm, T.Sieber, N.Smirnova, J.Van De Walle, P.Van Duppen, S.Zemlyanoi, N.Warr, D.Weisshaar, F.Wenander - Phys.Rev.Lett. 98, 122701 (2007)
Coulomb Excitation of ^{68,70}Cu: First Use of Postaccelerated Isomeric Beams

2007STZZ K.Starosta, A.Dewald, A.Dunomes, P.Adrich, A.M.Amthor, T.Baumann, D.Bazin, M.Bowen, B.A.Brown, A.Chester, A.Gade, D.Galaviz, T.Glasmacher, T.Ginter, M.Hausmann, M.Horoi, J.Jolie, B.Melon, D.Miller, V.Moeller, R.P.Norris, T.Pissulla, M.Portillo, W.Rother, Y.Shimbara, A.Stolz, C.Vaman, P.Voss, D.Weisshaar, V.Zelevinsky - nucl-ex/0703021,3/13/2007 (2007)
Shape and structure of N=Z ^{64}Ge; Electromagnetic transition rates from the application of the Recoil Distance Method to knock-out reaction

2007SU02 K.Suda, H.Okamura, T.Uesaka, J.Nishikawa, H.Kumasaka, R.Suzuki, H.Sakai, A.Tamii, T.Ohnishi, K.Sekiguchi, K.Yako, S.Sakoda, H.Kato, M.Hatano, Y.Maeda, T.Saito, T.Ishida, N.Sakamoto, Y.Satou, K.Hatanaka, T.Wakasa, J.Kamiya - Nucl.Instrum.Methods Phys.Res. A572, 745 (2007)
Absolute calibration of the deuteron beam polarization at intermediate energies via the ^{12}C(d(pol), α)^{10}B*[2$^+$] reaction

2007SU05 C.S.Sumithrarachchi, D.J.Morrissey, B.A.Brown, A.D.Davies, D.A.Davies, M.Fancina, E.Kwan, P.F.Mantica, M.Portillo, Y.Shimbara, J.Stoker, R.R.Weerasiri - Phys.Rev. C 75, 024305 (2007)
Structure of ^{23}F via β decay of ^{23}O

2007TO03 H.Tou, N.Tsugawa, M.Sera, H.Harima, Y.Haga, Y.Onuki - J.Phys.Soc.Jpn. 76, 024705 (2007)

Hyperfine Interactions in the Heavy-Fermion Superconductor UBe_{13}: ^{9}Be NMR Studies

2007TR01 E.Traykov, A.Rogachevskiy, M.Boswell, U.Dammalapati, P.Dendooven, O.C.Dermois, K.Jungmann, C.J.G.Onderwater, M.Sohani, L.Willmann, H.W.Wilschut, A.R.Young - Nucl.Instrum.Methods Phys.Res. A572, 580 (2007)
Production of radioactive nuclides in inverse reaction kinematics

2007TRZZ V.Tripathi, S.L.Tabor, P.F.Mantica, Y.Utsuno, P.Bender, J.Cook, C.R.Hoffman, S.Lee, T.Otsuka, J.Pereira, M.Perry, K.Pepper, J.Pinter, J.Stoker, A.Volya, D.Weisshaar - nucl-ex/0703015,3/8/2007 (2007)
Competition between normal and intruder states inside the "Island of Inversion"

2007VA01 H.K.T.van der Molen, H.Akimune, A.M.van den Berg, I.Daito, H.Fujimura, Y.Fujita, M.Fujiwara, M.N.Harakeh, M.Hunyadi, F.Ihara, T.Inomata, K.Ishibashi, J.Janecke, N.Kalantar-Nayestanaki, H.Laurent, I.Lhenry, T.W.O'Donnell, V.A.Rodin, A.Tamii, H.Toyokawa, M.H.Urin, H.Yoshida, M.Yosoi - Phys.Rev. C 75, 014311 (2007)
Damping mechanisms of high-lying single-particle states in ^{91}Nb

2007VA03 H.van Pee, and the CB-ELSA Collaboration - Eur.Phys.J. A 31, 61 (2007)
Photoproduction of π^0-mesons off protons from the $\Delta(1232)$ region to $E_\gamma = 3$ GeV

2007VE02 C.Vermeulen, G.F.Steyn, F.M.Nortier, F.Szelecsenyi, Z.Kovacs, S.M.Qaim - Nucl.Instrum.Methods Phys.Res. B255, 331 (2007)
Production of ^{139}Ce by proton-induced reactions on ^{141}Pr and ^{nat}La

2007VEZZ D.Verney, C.Bourgeois, C.Donzaud, S.Essabaa, S.Gales, L.Gaudefroy, D.Guillemaud-Mueller, F.Hammache, F.Ibrahim, C.Lau, F.Le Blanc, A.C.Mueller, O.Perru, F.Pougheon, B.Roussiere, J.Sauvage, O.Sorlin, D.Verney, and the PARRNe Collaboration - nucl-ex/0701066,1/26/2007 (2007)
Low Energy States of $^{81}_{31}Ga_{50}$: Elements on the Doubly-Magic Nature of ^{78}Ni

2007VO02 C.Vockenhuber, I.Dillmann, M.Heil, F.Kappeler, N.Winckler, W.Kutschera, A.Wallner, M.Bichler, S.Dababneh, S.Bisterzo, R.Gallino - Phys.Rev. C 75, 015804 (2007)
Stellar (n, γ) cross sections of ^{174}Hf and radioactive ^{182}Hf

2007WE01 J.C.Werner, L.A.S.Leal, M.G.Munhoz, N.Carlin, L.C.Chamon, N.Added, J.A.P.Brage, R.Liguori Neto, M.M.Coimbra, M.M.de Moura, F.A.Souza, A.A.P.Suaide, E.M.Szanto, A.Szanto de Toledo, J.Takahashi - Nucl.Phys. A781, 342 (2007)
Structure effects in the elastic scattering for the ^{16}O + ^{46,50}Ti systems

2007YA02 P.Yalcin - Nucl.Instrum.Methods Phys.Res. B254, 182 (2007)
Measurement of relative K X-ray intensity ratio following radioactive decay and photoionization

2007ZH03 D.Zhou, Y.Zheng, D.Yuan, X.Zhang, Y.Zuo, T.Minamisono, M.Matsuta, M.Fukuda, M.Mihara, C.Zhang, Z.Wang, E.Du, H.Luo, G.Xu, S.Zhu - J.Phys.(London) G34, 523 (2007)
Quadrupole moment and a proton halo structure in ^{17}F ($I^{\pi} = 5 / 2^{+}$)

2007ZY01 J.Zylberberg, D.Hutcheon, L.Buchmann, J.Caggiano, W.R.Hannes, A.Hussein, E.O'Connor, D.Ottewell, J.Pearson, C.Ruiz, G.Ruprecht, M.Trinczek, C.Vockenhuber - Nucl.Instrum.Methods Phys.Res. B254, 17 (2007)
Charge-state distributions after radiative capture of helium nuclei by carbon beam