Recent References:
January 1, 2006 to March 31, 2006

National Nuclear Data Center, Brookhaven National Laboratory

Document generated: October 25, 2006

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

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Contents

Keynumbers and Keywords

A=1

^{1}n	2005CRZY	NUCLEAR REACTIONS ^{2}H(n, np), (n, 2n), E=19.0 MeV; measured En, Ep, nn-, np-coin, σ(E, θ). REPT TUNL-XLIV,P25,Crowe
	2006AN02	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange electric form factor. JOUR PRLTA 96 022003
	2006BI03	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=130 MeV; measured analyzing powers; deduced no three-nucleon force effects. JOUR APOBB 37 213
	2006CHZZ	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), (polarized d, np), E=1170 MeV; measured vector and tensor analyzing powers. PREPRINT nucl-ex/0601038,1/27/2006
	2006DA02	NUCLEAR REACTIONS ^{2}H(^{7}Be, ^{7}Be), (^{7}Be, ^{8}B), E(cm)=4.5 MeV; measured $\sigma(\theta)$; deduced parameters. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. Asymptotic normalization coefficient method. JOUR PRVCA 73 015808
	2006EG01	NUCLEAR REACTIONS ^{1}H(e, e'π^{+}), E=1.5 GeV; measured $\sigma(\theta, \phi)$; deduced structure functions, resonance features. Comparison with model predictions. JOUR PRVCA 73 025204
	2006PL03	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=0.884-3.395 GeV; measured recoil neutron spectra, polarization. ^{1}n deduced electric to magnetic form factor ratio. JOUR PRVCA 73 025205
^{1}H	2005BB13	NUCLEAR REACTIONS ^{1}H(polarized γ, π^{0}), E=0.55-1.56 GeV; measured $\sigma(\theta$, E), beam asymmetry, invariant mass spectra, polarization observables; deduced resonance features. Comparison with previous results and three different models. JOUR ZAANE 26 399
	2005CRZY	NUCLEAR REACTIONS ^{2}H(n, np), (n, 2n), E=19.0 MeV; measured En, Ep, nn-, np-coin, σ(E, θ). REPT TUNL-XLIV,P25,Crowe
	2005GAZR	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{45,47}Ar deduced levels, J, π, spectroscopic factors. ^{44,46}Ar(n, γ), E $\approx$ 0-0.5 MeV; deduced capture σ. REPT IPNO-T-05-07,Gaudefroy
	2005WEZZ	NUCLEAR REACTIONS ^{1}H(polarized n, n), E=12.0 MeV; measured Ay(θ). Partial wave analysis, polarization-dependent detector efficiency. REPT TUNL-XLIV,P17,Weisel
	2006AL02	NUCLEAR REACTIONS ^{1}H(π^{-}, π^{-}), E at 1.43 GeV / c; measured recoil polarization, spin rotation parameter. JOUR ZCCNE 45 383
	2006AN02	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange electric form factor. JOUR PRLTA 96 022003
	2006BE04	NUCLEAR REACTIONS ^{1}H(^{22}O, ^{22}O), (^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter, shell closure features. MUST detector array. JOUR PRLTA 96 012501
	2006BU01	NUCLEAR REACTIONS ^{1}H(polarized p, p), E(cm)=200 GeV; measured analyzing power. Comparison with theory. JOUR PYLBB 632 167

A=1 *(continued)*

2006CHZZ NUCLEAR REACTIONS ^{1}H(polarized d, 2p), (polarized d, np), E=1170 MeV; measured vector and tensor analyzing powers. PREPRINT nucl-ex/0601038,1/27/2006

2006DE08 NUCLEAR REACTIONS ^{1}H(π^+, π^+), (π^-, π^-), E=19.9-43.3 MeV; measured σ(E, θ); deduced isospin scattering amplitude. CHAOS spectrometer. JOUR PYLBB 633 209

2006DE11 NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e'), E=3.03 GeV; measured parity-violating asymmetry. ^{1}H deduced strange form factors. JOUR APOBB 37 31

2006DO02 NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1

2006EL02 NUCLEAR REACTIONS ^{1}H(polarized e, e'π^0), E=855 MeV; measured longitudinal-transverse asymmetry at forward and backward angles; deduced multipole ratios. Comparison with model predictions and other data. JOUR ZAANE 27 91

2006MA03 NUCLEAR REACTIONS ^{1}H(polarized p, p'), E=190 MeV; measured bremsstrahlung $\sigma(\theta)$, vector analyzing power. JOUR PYLBB 632 480

2006MA08 NUCLEAR REACTIONS ^{1}H(polarized e, e'p), E=2329 MeV; measured recoil proton spectra, polarization. ^{1}H deduced ratio of electromagnetic form factors. JOUR NUPAB 764 261

2006ON02 NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$; deduced angle-integrated σ. ^{16}C deduced deformation parameter, deformation length, ratio of neutron, proton matrix elements. Comparison with other even-even nuclides. JOUR PRVCA 73 024610

2006PL03 NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=0.884-3.395 GeV; measured recoil neutron spectra, polarization. ^{1}n deduced electric to magnetic form factor ratio. JOUR PRVCA 73 025205

2006SAZY NUCLEAR REACTIONS ^{1}H(n, n), E=194 MeV; measured $\sigma(\theta)$. Tagged beam. PREPRINT nucl-ex/0602017,2/16/2006

2006WI06 NUCLEAR REACTIONS ^{1}H(p, pK$^+$K$^-$), E at 3.333, 3.390 GeV / c; measured kaon pair and proton-kaon invariant mass spectra, total σ; deduced reaction mechanism features. JOUR PYLBB 635 23

A=2

^{2}H

2005CRZZ NUCLEAR REACTIONS ^{2}H(polarized n, n), E=19.0, 22.5 MeV; measured Ay(θ). comparison with model predictions. REPT TUNL-XLIV,P23,Crowe

2005ESZX NUCLEAR REACTIONS ^{3}He(γ, p), E=8-16 MeV; measured σ. REPT TUNL-XLIV,P168,Esterline

2005FOZX NUCLEAR REACTIONS ^{2}H(polarized n, n), E=1.18, 5.0, 6.88, 9.0 MeV; measured spin-dependent cross section difference. Polarized target, comparison with model predictions. REPT TUNL-XLIV,P21,Foster

A=2 *(continued)*

	2005ME23	NUCLEAR REACTIONS ^{2}H(n, n), E=95 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. JOUR PRVCA 72 061002
	2006DA02	NUCLEAR REACTIONS ^{2}H(^{7}Be, ^{7}Be), (^{7}Be, ^{8}B), E(cm)=4.5 MeV; measured $\sigma(\theta)$; deduced parameters. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. Asymptotic normalization coefficient method. JOUR PRVCA 73 015808

A=3

^{3}H	2005LAZV	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing power. REPT JINR-P1-2005-57
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2006IM02	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=58 keV; measured polarization transfer coefficient. Comparison with model predictions. JOUR PRVCA 73 024001
	2006JE02	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{8}Li), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{8}Li levels deduced energies, spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 635 17
	2006LEZZ	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured $\sigma(\theta)$, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. PREPRINT nucl-ex/0601035,1/25/2006
^{3}He	2005CRZX	NUCLEAR REACTIONS ^{3}He(polarized n, n), E=3.14, 4.05, 5.54 MeV; measured Ay(θ). Comparison with model predictions. REPT TUNL-XLIV,P31,Crowe
	2005LAZV	NUCLEAR REACTIONS ^{2}H(polarized d, n), (polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing power. REPT JINR-P1-2005-57
	2006GE02	NUCLEAR REACTIONS ^{2}H(d, n), E $\approx$ 20-200 keV; measured neutron spectra, yields. Deuteron beam from electrostatic field of pyroelectric crystal in a deuterated atmosphere. JOUR PRLTA 96 054803
	2006IM01	NUCLEAR REACTIONS ^{2}H(d, n), E at rest; measured time dependent neutron yield from muon-catalyzed-fusion for normal- and ortho-D_2; deduced formation rates. JOUR PYLBB 632 192
	2006LE07	NUCLEAR REACTIONS ^{3}He(n, n), E=0.01-1 eV; measured beam polarization. Polarized target. JOUR KPSJA 48 233
	2006LEZZ	NUCLEAR REACTIONS ^{2}H(d, p), (d, n), E=120-650 keV; measured $\sigma(\theta)$, σ(E, θ); deduced integrated σ. Astrophysical implications discussed. PREPRINT nucl-ex/0601035,1/25/2006
	2006TA02	NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured Eγ, En for deuterated benzene and acetone mixtures. Acoustic inertial confinement. JOUR PRLTA 96 034301

A=4

^{4}He	2005LA33	NUCLEAR REACTIONS ^{6}Li(^{3}He, pα), E=5, 6 MeV; measured Ep, Eα, pα-coin, $\sigma(\theta)$, angular correlations; deduced reaction mechanism features. ^{3}He(d, p), E(cm) $\approx$ 0-600 keV; deduced σ, astrophysical S-factors. Trojan horse method. JOUR PRVCA 72 065802
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2006AN02	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. ^{1}n, ^{1}H; deduced strange electric form factor. JOUR PRLTA 96 022003
	2006DE11	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e'), E=3.03 GeV; measured parity-violating asymmetry. ^{1}H deduced strange form factors. JOUR APOBB 37 31
	2006FR01	NUCLEAR REACTIONS ^{4}He(^{6}He, ^{6}He), E=6.1, 7.5, 11.1 MeV; measured Eα, (^{6}He)α-coin, $\sigma(\theta)$. ^{10}Be deduced resonance energy, J, π, width, molecular structure. JOUR PRLTA 96 042501
	2006WI03	RADIOACTIVITY ^{8}B($\beta^{+}\alpha$) [from ^{3}He(^{6}Li, n)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β^{+}-decay strength function, neutrino spectrum. JOUR PRVCA 73 025503
	2006ZH07	NUCLEAR REACTIONS ^{6}Li(n, t), E=1.05, 1.54, 2.25 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous results. JOUR NSENA 153 41

A=5

^{5}H	2005GO46	NUCLEAR REACTIONS ^{3}H(t, p), E=57.7 MeV; measured decay fragments energy and angular correlations, missing mass spectrum. ^{5}H deduced ground-state energy, J, π, width, excited states features. JOUR PRVCA 72 064612
^{5}He	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463
	2006KA06	NUCLEAR REACTIONS ^{6}Li(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, Ep, En, np-, nn-coin, angular correlations. ^{5}He deduced hypernucleus nonmesonic weak decay widths. JOUR PRLTA 96 062301

A=6

^{6}Li	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
	2005RIZX	NUCLEAR REACTIONS ^{2}H(^{8}He, 4n), E=15.8 MeV / nucleon; measured En, nn-, (recoil)n-coin; deduced possible tetraneutron cluster. CONF Peterhof(EXON-2004) Proc,P36,Rich
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
	2006KA06	NUCLEAR REACTIONS ^{6}Li(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, Ep, En, np-, nn-coin, angular correlations. ^{5}He deduced hypernucleus nonmesonic weak decay widths. JOUR PRLTA 96 062301

A=7

^{7}He	2005WU08	NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; ^{2}H(^{7}Li, p), E=81 MeV; measured particle spectra, $\sigma(\theta)$. ^{7}He deduced ground-state J, π, excited state energy, width. JOUR PRVCA 72 061301
^{7}Li	2006PA09	NUCLEAR REACTIONS ^{6}Li(n, γ), E=thermal; measured capture σ. JOUR NIMBE 245 367
	2006UK01	NUCLEAR REACTIONS ^{10}B(K^{-}, π^{-}), E at 0.93 GeV / c; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following hypernucleus creation and decay. ^{7}Li deduced hypernucleus levels, J, π. Hyperball array. JOUR PRVCA 73 012501
^{7}Be	2005MB11	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. Comparison with photonuclear data. JOUR RAACA 93 497

A=8

^{8}Li	2005WU08	NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; ^{2}H(^{7}Li, p), E=81 MeV; measured particle spectra, $\sigma(\theta)$. ^{7}He deduced ground-state J, π, excited state energy, width. JOUR PRVCA 72 061301
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
	2006JE02	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{8}Li), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{8}Li levels deduced energies, spectroscopic factors. Comparison with optical model calculations, post-accelerated radioactive beam. JOUR PYLBB 635 17

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^{8}Be	2005AHZY	NUCLEAR REACTIONS ^{7}Li(polarized d, n), E=80, 130, 160 keV; measured analyzing powers. REPT TUNL-XLIV,P117,Ahmed
	2006SA03	NUCLEAR REACTIONS ^{7}Li(d, n), E=45, 60, 80 keV; measured neutron spectra, σ(E); deduced integrated yields, astrophysical S-factor. JOUR PRVCA 73 015801
^{8}B	2005CHZP	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{8}B), E=12 MeV; measured particle spectra. ^{7}Be(p, γ), E not given; deduced astrophysical S-factor. REPT TUNL-XLIV,P33,Champagne
	2006DA02	NUCLEAR REACTIONS ^{2}H(^{7}Be, ^{7}Be), (^{7}Be, ^{8}B), E(cm)=4.5 MeV; measured $\sigma(\theta)$; deduced parameters. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. Asymptotic normalization coefficient method. JOUR PRVCA 73 015808
	2006SC04	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. JOUR PRVCA 73 015806
	2006TA09	NUCLEAR REACTIONS H, C, N(^{7}Be, ^{7}Be), E=87 MeV; C(^{8}B, ^{8}B), E=95 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. JOUR PRVCA 73 025808
	2006WI03	RADIOACTIVITY ^{8}B($\beta^{+}\alpha$) [from ^{3}He(^{6}Li, n)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β^{+}-decay strength function, neutrino spectrum. JOUR PRVCA 73 025503

A=9

^{9}Li	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
^{9}Be	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463
	2006SU01	NUCLEAR REACTIONS ^{2}H(^{8}Li, n), E=40 MeV; measured $\sigma(\theta)$; deduced optical potential parameters. ^{8}Li(p, γ), E(cm) $\approx$ 0-2 MeV; deduced astrophysical S-factors, reaction rates. JOUR CPLEE 23 55

A=10

^{10}Be	2005MB11	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. Comparison with photonuclear data. JOUR RAACA 93 497

A=10 *(continued)*

	2006FR01	NUCLEAR REACTIONS ^{4}He(^{6}He, ^{6}He), E=6.1, 7.5, 11.1 MeV; measured Eα, (^{6}He)α-coin, $\sigma(\theta)$. ^{10}Be deduced resonance energy, J, π, width, molecular structure. JOUR PRLTA 96 042501
^{10}B	2005GA59	NUCLEAR REACTIONS ^{10}B(d, p), E=15.3 MeV; measured Eγ, Ep, pγ-coin, σ(E, θ). ^{10,11}B deduced deformation parameters. JOUR YAFIA 68 2019
	2006UK01	NUCLEAR REACTIONS ^{10}B(K^-, π^-), E at 0.93 GeV / c; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following hypernucleus creation and decay. ^{7}Li deduced hypernucleus levels, J, π. Hyperball array. JOUR PRVCA 73 012501
^{10}C	2006CA05	NUCLEAR REACTIONS ^{1}H(^{10}C, p), E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319

A=11

^{11}Li	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006DO02	NUCLEAR REACTIONS ^{1}H(^{6}Li, ^{6}Li), (^{8}Li, ^{8}Li), (^{9}Li, ^{9}Li), (^{11}Li, ^{11}Li), E=700 MeV / nucleon; measured, analyzed small-angle elastic scattering $\sigma(\theta)$. ^{6,8,9,11}Li deduced radii, matter distributions. JOUR NUPAB 766 1
^{11}Be	2006PA04	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states, spectroscopic factors. ^{12}Be deduced ground state configuration. JOUR PRLTA 96 032502
^{11}B	2005GA59	NUCLEAR REACTIONS ^{10}B(d, p), E=15.3 MeV; measured Eγ, Ep, pγ-coin, σ(E, θ). ^{10,11}B deduced deformation parameters. JOUR YAFIA 68 2019
^{11}N	2003GU30	NUCLEAR REACTIONS ^{14}N(^{3}He, ^{6}He), E=73.4 MeV; measured particle spectra, σ(E, θ). ^{11}N deduced resonance energies, J, π, widths. DWBA analysis. JOUR BJPHE 33 263
	2006CA05	NUCLEAR REACTIONS ^{1}H(^{10}C, p), E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319

A=12

^{12}Be	2006PA04	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states, spectroscopic factors. ^{12}Be deduced ground state configuration. JOUR PRLTA 96 032502
^{12}C	2005AHZX	NUCLEAR REACTIONS ^{11}B(polarized d, n), E=120, 140, 160 keV; measured En. REPT TUNL-XLIV,P123,Ahmed

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	2005FAZZ	NUCLEAR REACTIONS ^{12}C(n, n'), E=7.0 MeV; measured Eγ, Iγ. REPT TUNL-XLIV,P78,Fallin
	2005MAZK	NUCLEAR REACTIONS ^{12}C(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=63 MeV; measured elastic and inelastic $\sigma(\theta)$. CONF Peterhof(EXON-2004) Proc,P404,Maslov
	2006SA07	NUCLEAR REACTIONS ^{12}C(p, nπ^+), E=400 MeV; measured pion and neutron spectra. Extraction of short-range correlation parameter discussed. JOUR NPBSE 155 266
	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
^{12}O	2006CA05	NUCLEAR REACTIONS ^{1}H(^{10}C, p), E=25.5, 32 MeV; measured recoil Ep, elastic $\sigma(\theta)$. ^{11}N deduced resonance parameters. ^{12}O deduced two-proton decay width. JOUR PRVCA 73 014319

A=13

^{13}C	2006PR01	NUCLEAR REACTIONS ^{14}C(^{13}C, α^{9}Be), (^{13}C, α^{10}Be), E=77.8, 112.25, 119.25 MeV; measured fragment energy spectra, $\sigma(\theta)$. ^{13,14}C deduced excited states energies, J, π, α-decay features, α-cluster structure. Comparison with earlier work. JOUR NUPAB 765 263

A=14

^{14}C	2005DEZS	NUCLEAR REACTIONS ^{14}C(^{16}O, ^{16}O), E=132, 281 MeV; ^{16}O(^{14}C, ^{14}C), E=334.4 MeV; measured $\sigma(\theta)$; deduced Airy minima, rainbow scattering. CONF Peterhof(EXON-2004) Proc,P400,Demyanova
	2006PR01	NUCLEAR REACTIONS ^{14}C(^{13}C, α^{9}Be), (^{13}C, α^{10}Be), E=77.8, 112.25, 119.25 MeV; measured fragment energy spectra, $\sigma(\theta)$. ^{13,14}C deduced excited states energies, J, π, α-decay features, α-cluster structure. Comparison with earlier work. JOUR NUPAB 765 263
^{14}N	2006BUZZ	RADIOACTIVITY ^{14}O(EC), (β^+) [from ^{12}C(^{3}He, n)]; measured $T_{1/2}$. Comparison with previous results. PREPRINT nucl-ex/0601028,1/20/2006
^{14}O	2006BUZZ	RADIOACTIVITY ^{14}O(EC), (β^+) [from ^{12}C(^{3}He, n)]; measured $T_{1/2}$. Comparison with previous results. PREPRINT nucl-ex/0601028,1/20/2006

A=15

^{15}O	2004BU30	NUCLEAR REACTIONS ^{14}N(p, γ), E=0.85-1.1 MeV; measured $\sigma(\theta$=90°); deduced astrophysical S-factor, reaction rates. JOUR BRSPE 68 1735

A=15 *(continued)*

	2006LE13	NUCLEAR REACTIONS ^{14}N(p, γ), E=70-228 keV; measured Eγ, Iγ, σ; deduced astrophysical S-factor and thermonuclear reaction rate. ^{14}N(p, γ), E=259 keV; measured Eγ, Iγ; deduced resonance strength. Comparison with other data, discussed astrophysical consequences. JOUR PYLBB 634 483
	2006LEZY	NUCLEAR REACTIONS ^{14}N(p, γ), E=70-228 keV; measured σ; deduced astrophysical S-factor, reaction rates. PREPRINT nucl-ex/0602012,2/9/2006
	2006STZZ	NUCLEAR REACTIONS ^{1}H(^{15}O, p), E(cm)=0.46-1.08 MeV; measured excitation function. ^{16}F deduced level energies, J, π, widths. Implications for astrophysical reaction rates discussed. PREPRINT nucl-ex/0603020,3/22/2006

A=16

^{16}C	2006ON02	NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$; deduced angle-integrated σ. ^{16}C deduced deformation parameter, deformation length, ratio of neutron, proton matrix elements. Comparison with other even-even nuclides. JOUR PRVCA 73 024610
^{16}N	2006DU04	NUCLEAR REACTIONS ^{19}F(n, α), E=13.5-14.9 MeV; measured activation σ. Cyclic activation technique. JOUR ANEND 33 159
^{16}O	2005BRZT	NUCLEAR REACTIONS ^{13}C(α, n), E=2.4-5.8 MeV; measured En, $\sigma(\theta)$. REPT TUNL-XLIV,P75,Braizinha
	2005DEZS	NUCLEAR REACTIONS ^{14}C(^{16}O, ^{16}O), E=132, 281 MeV; ^{16}O(^{14}C, ^{14}C), E=334.4 MeV; measured $\sigma(\theta)$; deduced Airy minima, rainbow scattering. CONF Peterhof(EXON-2004) Proc,P400,Demyanova
	2005FAZY	NUCLEAR REACTIONS ^{16}O(n, n'), E=7.0 MeV; measured Eγ, Iγ. REPT TUNL-XLIV,P109,Fallin
	2005HA69	NUCLEAR REACTIONS ^{13}C(α, n), E=0.8-8.0 MeV; measured σ, neutron yields. JOUR PRVCA 72 062801
	2006WA02	NUCLEAR REACTIONS ^{16}O(p, p'), E=295 MeV; measured σ and vector analyzing power. Comparison with model predictions. JOUR PYLBB 632 485
^{16}F	2006STZZ	NUCLEAR REACTIONS ^{1}H(^{15}O, p), E(cm)=0.46-1.08 MeV; measured excitation function. ^{16}F deduced level energies, J, π, widths. Implications for astrophysical reaction rates discussed. PREPRINT nucl-ex/0603020,3/22/2006

A=17

^{17}O	2005LI60	RADIOACTIVITY ^{18}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327

A=18

^{18}N	2005LI60	RADIOACTIVITY ^{18}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327
^{18}O	2005LI60	RADIOACTIVITY ^{18}N(β^-), (β^-n) [from Be(^{22}Ne, X)]; measured $T_{1/2}$, β-delayed neutron spectra, Eγ, Iγ; deduced branching ratios, Gamow-Teller strengths. ^{18}O deduced levels, J, π. Comparison with shell model calculations. JOUR PRVCA 72 064327
	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463

A=19

No references found

A=20

No references found

A=21

^{21}Ne	2005WH05	NUCLEAR REACTIONS ^{16}O(^{7}Li, np), E=29.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{21}Ne deduced levels, J, π, configurations, dipole moment. GASP, ISIS arrays. JOUR ZAANE 26 321

A=22

^{22}O	2006BE04	NUCLEAR REACTIONS ^{1}H(^{22}O, ^{22}O), (^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter, shell closure features. MUST detector array. JOUR PRLTA 96 012501
^{22}Ne	2006AS01	NUCLEAR REACTIONS ^{9}Be(^{18}O, α^{14}C), (^{18}O, ^{10}Be^{12}C), (^{18}O, ^{9}Be^{13}C), E=136, 148.5 MeV; measured excitation energy spectra. ^{18}O deduced levels, J, π, octupole deformed band, α-decay features. ^{22}Ne deduced no evidence for population of excited states. JOUR JPGPE 32 463

A=23

^{23}F	2005LA35	NUCLEAR REACTIONS ^{2}H(^{24}Ne, t), (^{24}Ne, ^{3}He), E=10 MeV; measured particle spectra, $\sigma(\theta)$. JOUR RJPHE 50 657
	2005MIZS	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT RIKEN-AF-NP-469,Michimasa
^{23}Ne	2005LA35	NUCLEAR REACTIONS ^{2}H(^{24}Ne, t), (^{24}Ne, ^{3}He), E=10 MeV; measured particle spectra, $\sigma(\theta)$. JOUR RJPHE 50 657
^{23}Na	2004VO26	NUCLEAR REACTIONS ^{22}Ne(p, γ), E=1623, 1721, 1803, 1835 MeV; measured Eγ, Iγ, angular distributions. ^{23}Na deduced transitions, resonance widths, B(M1). JOUR BRSPE 68 1761
	2005VO22	NUCLEAR REACTIONS ^{22}Ne(p, γ), E < 4 MeV; measured Eγ, Iγ. ^{23}Na transitions deduced widths, δ, B(M1). JOUR BRSPE 69 57

A=24

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

A=25

^{25}F	2005PA74	RADIOACTIVITY ^{25}F(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{25}Ne deduced levels, J, π, feeding intensities. Comparison with shell model predictions. JOUR PRVCA 72 064330
^{25}Ne	2005GIZW	NUCLEAR REACTIONS Pb(^{26}Ne, X), E=58.6 MeV / nucleon; measured fragments isotopic yields. Al, Pb(^{26}Ne, ^{26}Ne), E=58.6 MeV / nucleon; measured elastic $\sigma(\theta)$. Al, Pb(^{26}Ne, ^{26}Ne'), E=58.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Al, Pb(^{26}Ne, n^{25}Ne), E=58.6 MeV / nucleon; measured Eγ, Iγ, excitation energy spectra. ^{25,26}Ne deduced levels, J, π. ^{26}Ne deduced transitions B(E1), B(E2), pygmy resonance features. REPT IPNO-T-05-11,Gibelin
	2005PA74	RADIOACTIVITY ^{25}F(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{25}Ne deduced levels, J, π, feeding intensities. Comparison with shell model predictions. JOUR PRVCA 72 064330

A=26

^{26}Ne	2005GIZW	NUCLEAR REACTIONS Pb(^{26}Ne, X), E=58.6 MeV / nucleon; measured fragments isotopic yields. Al, Pb(^{26}Ne, ^{26}Ne), E=58.6 MeV / nucleon; measured elastic $\sigma(\theta)$. Al, Pb(^{26}Ne, ^{26}Ne'), E=58.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Al, Pb(^{26}Ne, n^{25}Ne), E=58.6 MeV / nucleon; measured Eγ, Iγ, excitation energy spectra. ^{25,26}Ne deduced levels, J, π. ^{26}Ne deduced transitions B(E1), B(E2), pygmy resonance features. REPT IPNO-T-05-11,Gibelin
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{26}Na	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{26}Al	2003FE11	NUCLEAR REACTIONS ^{25}Mg(p, γ), E $\approx$ 316, 389, 434 keV; measured yields; deduced resonance strength. Accelerator mass spectrometry. JOUR BJPHE 33 218

A=27

^{27}Ne	2006OB01	NUCLEAR REACTIONS ^{2}H(^{26}Ne, p), E=9.7 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, σ(E). ^{27}Ne deduced levels, J, π, spectroscopic factor. JOUR PYLBB 633 33
^{27}Mg	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{27}Al	2006KA07	NUCLEAR REACTIONS ^{27}Al(^{7}Be, ^{7}Be'), (^{7}Be, X), E=17, 19, 21 MeV; ^{27}Al(^{7}Li, ^{7}Li), (^{7}Li, X), E=10, 13, 16, 19, 24 MeV; measured elastic and quasi-elastic $\sigma(\theta)$, fusion σ; deduced optical model parameters. ^{27}Al(^{7}Li, αX), E=10, 13, 16, 19, 24 MeV; measured Eα, $\sigma(\theta)$. JOUR PRVCA 73 024609

A=28

^{28}Al	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{28}Si	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096
	2006PA07	NUCLEAR REACTIONS ^{28}Si(^{6}Li, dα), E=13 MeV; measured Ed, Id, Eα, Iα, (alpha)(deuteron)-coin, $\sigma(\theta)$, σ. Comparison with previous results and model predictions. JOUR PYLBB 633 691

A=29

^{29}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{29}Al	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{29}Si	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096

A=30

^{30}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{30}P	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67

A=31

^{31}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{31}P	2006IO02	NUCLEAR REACTIONS ^{24}Mg(^{16}O, p2α), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{31}P deduced levels, J, π, $T_{1/2}$, B(M1), B(E2), configurations. GASP array, comparison with shell model predictions. JOUR PRVCA 73 024310
^{31}S	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67
^{31}Cl	2006KA11	RADIOACTIVITY ^{31}Cl(β^+p) [from ^{32}S(p, 2n), E=40-45 MeV]; measured β-delayed Eγ, Iγ, Ep, Ip; deduced log ft, branching. ^{31}S deduced level energies. Mass separated source, comparison with shell model. JOUR ZAANE 27 67

A=32

^{32}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{32}S	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096
	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=33

^{33}Mg	2005THZY	ATOMIC MASSES ^{11}Li, ^{29,30,31,32,33}Mg; measured masses. Radio-frequency mass spectrometer. CONF Peterhof(EXON-2004) Proc,P17,Thibault
	2006GA04	ATOMIC MASSES ^{26}Na, ^{29,30,31,32,33}Mg; measured mass. ^{26}Ne, ^{29,32}Mg; analyzed mass from previous measurements. Transmission mass spectrometer. JOUR NUPAB 766 52
^{33}S	2005RA34	ATOMIC MASSES ^{28,29}Si, ^{32,33}S; measured mass ratios. Penning trap. JOUR NATUA 438 1096

A=34

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

A=35

^{35}Ar	2006ME04	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. Systematics of magnetic moments in neighboring nuclides discussed. JOUR PRVCA 73 024318
	2006MEZZ	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. PREPRINT nucl-ex/0602002,2/2/2006

A=35 *(continued)*

^{35}K	2006ME04	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. Systematics of magnetic moments in neighboring nuclides discussed. JOUR PRVCA 73 024318
	2006MEZZ	RADIOACTIVITY ^{35}K(EC), (β^+) [from ^{9}Be(^{36}Ar, X)]; measured β-NMR spectra from polarized source. ^{35}K deduced μ. PREPRINT nucl-ex/0602002,2/2/2006

A=36

^{36}Ar	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=37

No references found

A=38

^{38}S	2006DA08	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503
	2006DAZZ	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006
^{38}Ar	2006SP01	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{8}Be), (^{34}S, ^{8}Be), (^{32}S, ^{32}S'), E=65-67 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA. ^{36,38}Ar, ^{32}S levels deduced g factors, $T_{1/2}$, B(E2). Transient field technique. JOUR PYLBB 632 207
^{38}K	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651

A=39

No references found

A=40

^{40}S	2006DA08	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E ≈ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503
	2006DAZZ	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E ≈ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006
^{40}Ar	2005AHZW	NUCLEAR REACTIONS ^{40}Ar(polarized γ, γ'), E=8.6, 9.8 MeV; measured Eγ, Iγ. ^{40}Ar deduced levels, J, π, B(M1). REPT TUNL-XLIV,P186,Ahmed

A=41

No references found

A=42

No references found

A=43

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

A=44

^{44}Sc	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
^{44}Ti	2006NA02	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E(cm) ≈ 0.6-1.2 MeV / nucleon; measured yield. ^{40}Ca(α, γ), E=low; deduced astrophysical reaction rate. Accelerator mass spectrometry. JOUR PRLTA 96 041102
	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* ≈ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=45

^{45}Ar	2005GAZR	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{45,47}Ar deduced levels, J, π, spectroscopic factors. ^{44,46}Ar(n, γ), E $\approx$ 0-0.5 MeV; deduced capture σ. REPT IPNO-T-05-07,Gaudefroy
^{45}Ti	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547
	2006BE07	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, 2np), (^{24}Mg, n2p), E=83 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{45}V, ^{45}Ti deduced high-spin levels, J, π, mirror energy differences. Euroball, Euclides arrays. Comparison with shell model predictions. JOUR PRVCA 73 024304
^{45}V	2006BE07	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, 2np), (^{24}Mg, n2p), E=83 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{45}V, ^{45}Ti deduced high-spin levels, J, π, mirror energy differences. Euroball, Euclides arrays. Comparison with shell model predictions. JOUR PRVCA 73 024304

A=46

^{46}Sc	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
^{46}Ti	2006AD05	NUCLEAR REACTIONS ^{46}Ti(^{3}He, t), E=140 MeV; measured triton spectra, σ(E, θ=0°); deduced Gamow-Teller transition strengths. ^{46}Ti(e, e'), (γ, γ'), E not given; analyzed B(M1). JOUR PRVCA 73 024311
^{46}V	2006AD05	NUCLEAR REACTIONS ^{46}Ti(^{3}He, t), E=140 MeV; measured triton spectra, σ(E, θ=0°); deduced Gamow-Teller transition strengths. ^{46}Ti(e, e'), (γ, γ'), E not given; analyzed B(M1). JOUR PRVCA 73 024311

A=47

^{47}Ar	2005GAZR	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{46}Ar, ^{47}Ar), E=10 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{45,47}Ar deduced levels, J, π, spectroscopic factors. ^{44,46}Ar(n, γ), E $\approx$ 0-0.5 MeV; deduced capture σ. REPT IPNO-T-05-07,Gaudefroy

A=48

^{48}K	2006GU02	NUCLEAR REACTIONS ^{12}C, ^{48}Ca, ^{58}Ni(t, ^{3}He), E=43 MeV / nucleon; measured excitation energy spectra, σ(E, θ). ^{48}K, ^{58}Co deduced giant resonance features. JOUR PRVCA 73 014616

A=48 *(continued)*

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

A=49

^{49}Cr	2005SP07	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{27}Al(^{27}Al, X), E not given; measured delayed Eγ, Iγ; deduced evidence for ^{24}Na, ^{28,29}Al, ^{27}Mg, ^{34m}Cl, ^{38}K, ^{49}Cr, ^{43,44m}Sc. ^{12}C, ^{16}O(^{27}Al, X)^{34}Cl / ^{38}K, E=10-120 MeV; ^{27}Al(^{27}Al, X)^{43}Sc / ^{44}Sc / ^{49}Cr, E=50-170 MeV; calculated σ. Laser-induced reactions. JOUR RJPHE 50 651
	2006BR03	NUCLEAR REACTIONS ^{46}Ti(α, n), E=12 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{49}Cr deduced levels, J, π, $T_{1/2}$, configurations. Comparison with shell model predictions. JOUR PRVCA 73 024313

A=50

No references found

A=51

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

A=52

^{52}Sc	2006GAZZ	NUCLEAR REACTIONS ^{9}Be(^{57}Cr, X), (^{55}V, X)^{52}Sc, E=77 MeV / nucleon; measured Eγ, Iγ, (recoil)γ-coin. ^{52}Sc deduced levels, J, π, configurations. Comparison with shell model predictions. PREPRINT nucl-ex/0603004,3/2/2006
^{52}Ti	2006SP02	NUCLEAR REACTIONS ^{12}C(^{48}Ca, ^{8}Be), E=100 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin. ^{52}Ti deduced level, J, π, g factor, B(E2), $T_{1/2}$. Transient field technique, comparison with shell model calculations. JOUR PYLBB 633 219
^{52}Mn	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

A=53

^{53}Fe	2006MOZZ	NUCLEAR REACTIONS Ca(^{16}O, X)^{53}Fe, E=58 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{53}Fe deduced levels, J, π, configurations. REPT JAERI-TV 2004 Annual,P27,Morikawa

A=54

^{54}Cr	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
^{54}Mn	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

A=55

No references found

A=56

^{56}Fe	2006EG02	NUCLEAR REACTIONS ^{3,4}He, ^{12}C, ^{56}Fe(e, e')E $\approx$ 4.5 GeV; measured relative σ(x); deduced two- and three-nucleon short-range correlation probabilities. JOUR PRLTA 96 082501
	2006LU01	NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314
^{56}Co	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
^{56}Ni	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

A=57

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

A=57 *(continued)*

^{57}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{57}Co	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
^{57}Ni	2006MI07	RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. Comparison with shell-model predictions. JOUR PRLTA 96 102501
	2006MIZZ	RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. PREPRINT nucl-ex/0602016,2/16/2006
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
^{57}Cu	2006MI07	RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. Comparison with shell-model predictions. JOUR PRLTA 96 102501
	2006MIZZ	RADIOACTIVITY ^{57}Cu(EC), (β^+) [from Be(^{58}Ni, X)]; measured β-asymmetry, β-NMR spectrum from polarized source. ^{57}Cu deduced ground-state μ. PREPRINT nucl-ex/0602016,2/16/2006

A=58

^{58}Sc	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{58}Cr	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
^{58}Co	2006COZZ	NUCLEAR REACTIONS ^{12}C, ^{58}Ni(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{58}Co deduced Gamow-Teller strength distribution. Comparison with previous results, model predictions. PREPRINT nucl-ex/0603019,3/20/2006

A=58 *(continued)*

	2006GU02	NUCLEAR REACTIONS ^{12}C, ^{48}Ca, ^{58}Ni(t, ^{3}He), E=43 MeV / nucleon; measured excitation energy spectra, σ(E, θ). ^{48}K, ^{58}Co deduced giant resonance features. JOUR PRVCA 73 014616
	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371
^{58}Ni	2006LU01	NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E $\approx$ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
	2006NAZZ	NUCLEAR REACTIONS ^{58}Ni(α, α'), E=386 MeV; measured Eα, σ(E, θ). ^{58}Ni deduced isoscalar GDR strength distribution. Comparison with RPA model predictions. PREPRINT nucl-ex/0601009,1/04/2006
	2006RU02	NUCLEAR REACTIONS ^{28}Si(^{32}S, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{58}Ni deduced high-spin levels, J, π, configurations, unpaired band crossing. Gammasphere, Microball arrays. JOUR PRLTA 96 092501

A=59

^{59}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{59}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{59}Fe	2006SI06	NUCLEAR REACTIONS Ti(n, X)^{46}Sc, E=73.5, 111.8 MeV; Fe(n, X)^{46}Sc / ^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E=112.2, 151.6 MeV; Ni(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn / ^{56}Co / ^{57}Co / ^{58}Co / ^{56}Ni / ^{57}Ni / ^{59}Fe, E=70.7, 73.5, 111.8, 112.2, 151.6 MeV; measured σ. Comparison with model predictions, previous results. JOUR NIMBE 245 371

A=60

^{60}Ti	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{60}V	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{60}Cr	2006MA11	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{54}Cr / ^{58}Cr / ^{60}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{54,58,60}Cr deduced levels, J, π; calculated B(E2). Interacting boson model, Clara and Prisma arrays. JOUR PYLBB 633 696
^{60}Ni	2006LU01	NUCLEAR REACTIONS ^{56}Fe, ^{60}Ni(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{58}Ni(α, α'), E=240 MeV; analyzed Eα, $\sigma(\theta)$. ^{56}Fe, ^{58,60}Ni deduced isoscalar strength distributions, giant resonance parameters. JOUR PRVCA 73 014314
^{60}Zn	2006WO04	NUCLEAR REACTIONS ^{12}C(^{19}F, X), (^{20}Ne, X), ^{24,25}Mg(^{12}C, X), (^{20}Ne, X), (^{36}Ar, X), E* $\approx$ 50 MeV; measured Eγ, Iγ. ^{32}S, ^{36}Ar, ^{44}Ti, ^{60}Zn deduced isospin mixing probabilities. JOUR APOBB 37 207

A=61

No references found

A=62

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

A=63

^{63}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{63}Zn	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543

A=64

^{64}Cr	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{64}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{64}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{64}Ni	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
^{64}Cu	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543
	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
^{64}Zn	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553

A=65

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

A=66

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

A=67

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

A=68

^{68}Mn	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{68}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{68}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{68}Cu	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543

A=69

^{69}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{69}Zn	2005MAZI	NUCLEAR REACTIONS ^{70}Zn(n, 2n), E=10-14 MEV; measured isomer production σ. comparison with previous results and model predictions. REPT NEA/NSC/DOC(2005)27,P40,Mannhart
^{69}Ga	2005NE16	NUCLEAR REACTIONS ^{68}Zn(p, γ), E=1.5-3.0 MeV; measured Eγ, Iγ; deduced σ(E). Statistical model analysis. JOUR BRSPE 69 108
^{69}Ge	2005GO44	RADIOACTIVITY ^{69}As(EC), (β^+) [from Zr(p, X)]; measured Eβ, β-asymmetry, β-NMR spectrum from polarized source. ^{69}As deduced μ. JOUR PRVCA 72 064316
^{69}As	2005GO44	RADIOACTIVITY ^{69}As(EC), (β^+) [from Zr(p, X)]; measured Eβ, β-asymmetry, β-NMR spectrum from polarized source. ^{69}As deduced μ. JOUR PRVCA 72 064316

A=70

^{70}Fe	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{70}Co	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{70}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{70}Zn	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
^{70}Ge	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553

A=71

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

A=71 *(continued)*

^{71}Ni	2005GAZR	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{62,63,64,65,66}Cr, ^{64,65,66,67,68}Mn, ^{67,68,69,70}Fe, ^{69,70m,71}Co(β^-); measured $\beta\gamma$-coin, $T_{1/2}$. ^{63,65}Fe, ^{64}Mn, ^{65}Co deduced levels, J, π. REPT IPNO-T-05-07,Gaudefroy
^{71}Zn	2005CO27	NUCLEAR REACTIONS ^{64,66,68}Zn(n, p), ^{64}Zn(n, 2n), ^{68}Zn(n, α), E=spectrum; measured σ. ^{70}Zn(n, γ), E=spectrum; measured resonance integrals. JOUR RAACA 93 543

A=72

^{72}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=73

^{73}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=74

^{74}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=75

^{75}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=76

^{76}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=77

^{77}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=78

^{78}Kr	2006DH01	NUCLEAR REACTIONS ^{63}Cu(^{19}F, 2p2n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{78}Kr deduced high spin levels, $T_{1/2}$, transition quadrupole moments. Comparison with Hartree-Fock-Bogoliubov model. INGA array. JOUR ZAANE 27 33
	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=79

No references found

A=80

^{80}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=81

No references found

A=82

^{82}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1

A=83

^{83}Rb	2006GA10	NUCLEAR REACTIONS ^{76}Ge(^{11}B, 4nγ), E=50 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{83}Rb deduced levels, J, π, δ, $T_{1/2}$, B(E2), B(M1), configurations, magnetic rotation. Comparison with particle-rotor-model calculations. JOUR NUPAB 768 43
^{83}Sr	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37

A=84

^{84}Se	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225

A=84 *(continued)*

^{84}Rb	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
^{84}Zr	2006CH09	NUCLEAR REACTIONS ^{58}Ni(^{32}S, 2pα), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{84}Zr deduced high-spin levels, J, π, superdeformed bands, linking transitions. Gammasphere, Microball arrays. Potential energy surface calculations. JOUR PRVCA 73 021301

A=85

^{85}Br	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225
^{85}Kr	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37
^{85}Rb	2006DA03	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs. JOUR ZDDNE 37 313
^{85}Sr	2006DI02	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr(n, γ), E=spectrum; measured capture σ; deduced Maxwellian averaged σ. Activation technique, astrophysical implications discussed. JOUR PRVCA 73 015803
	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37

A=86

^{86}Se	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
^{86}Kr	2006RO11	ATOMIC MASSES ^{72,73,74,75,76,77,78,80,82,86}Kr; measured masses. Penning trap mass spectrometer. JOUR NUPAB 769 1
^{86}Rb	2006HE01	NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37

A=87

^{87}Rb	2006DA03	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs. JOUR ZDDNE 37 313
	2006GR06	RADIOACTIVITY ^{87}Rb(β^-); measured Eβ; deduced shape factors. JOUR NUPAB 767 248
	2006VA04	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, (particle)γ-coin, fragments isotopic yields. ^{84}Se, ^{85}Br, ^{87}Rb deduced transitions. JOUR APOBB 37 225
^{87}Sr	2006GR06	RADIOACTIVITY ^{87}Rb(β^-); measured Eβ; deduced shape factors. JOUR NUPAB 767 248

A=87 *(continued)*

2006HE01 NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37

A=88

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

^{88}Kr 2005BE73 RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270

^{88}Rb 2006HE01 NUCLEAR REACTIONS ^{84,86,88}Sr(n, 2n), (n, p), E=13.5-14.6 MeV; ^{88}Sr(n, α), E=13.5-14.6 MeV; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 37

A=89

No references found

A=90

^{90}Rb 2005BE73 RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270

^{90}Nb 2006KA02 NUCLEAR REACTIONS ^{90}Zr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. ^{90}Nb deduced level densities, fine structure of Gamow-Teller resonance. Wavelet analysis technique. JOUR PRLTA 96 012502

A=91

^{91}Rb 2005BE73 RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270

2006HAZZ RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi

^{91}Sr 2006HAZZ RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi

A=92

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

A=92 *(continued)*

	2006ROO8	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=93

^{93}Nb	2005CHZR	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E $\approx$ 55 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124}Xe level deduced $T_{1/2}$. Time of flight technique. PREPRINT nucl-ex/0601002,12/31/2005
^{93}Rh	2006ROO8	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368
^{93}Pd	2006MUO3	RADIOACTIVITY ^{94m}Ag(p), (2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{92}Rh deduced levels, J, π. JOUR NATUA 439 298
	2006ROO8	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368

A=94

^{94}Zr	2006TOZZ	NUCLEAR REACTIONS Pb(^{94}Zr, ^{94}Zr'), E=300 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{94}Zr transition deduced B(E3). REPT JAERI-TV 2004 Annual,P19,Toh
^{94}Ru	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
^{94}Rh	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
^{94}Pd	2005BAZO	RADIOACTIVITY ^{94}Pd, ^{94}Rh(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, (X-ray)γ-coin. ^{94}Rh, ^{94}Ru deduced levels, β-feeding intensities. PC L Batist,2/28/2005
	2006ROO8	RADIOACTIVITY ^{94m}Ag(p), (2p), (β^+) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{94}Pd, ^{92,93}Rh deduced levels. JOUR IMPEE 15 368
^{94}Ag	2006MUO3	RADIOACTIVITY ^{94m}Ag(p), (2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, Eγ, pp-, $\gamma\gamma$-, pγ-coin, $T_{1/2}$, decay branching ratio. ^{94}Ag deduced deformation. ^{92}Rh deduced levels, J, π. JOUR NATUA 439 298

A=94 *(continued)*

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

A=95

^{95}Sr 2006HA03 ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=96

^{96}Sr 2006HA03 ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

^{96}Mo 2006WR01 NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374

^{96}Ru 2005LI59 NUCLEAR REACTIONS ^{96}Ru(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{96}Ru deduced levels, J, π, dipole excitation features. JOUR PRVCA 72 064323

A=97

^{97}Sr 2005ZL01 NUCLEAR REACTIONS ^{239}Pu(n, F)^{97}Sr, E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Sr deduced isomer $T_{1/2}$, configuration. Fission fragment separator. JOUR PRVCA 72 067302

2006HA03 ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

^{97}Ag 2005LI58 NUCLEAR REACTIONS ^{58}Ni(^{46}Ti, 2npα), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{97}Ag deduced levels, J, π, configurations. Gammasphere, Microball arrays, comparison with shell model predictions. JOUR PRVCA 72 061304

A=98

^{98}Sr 2006HA03 ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=98 *(continued)*

^{98}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{98}Mo	2006WR01	NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374

A=99

^{99}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{99}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{99}Rh	2005MU31	NUCLEAR REACTIONS ^{89}Y(^{12}C, 2n), E=30-45 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced fusion and isomer production σ, compound nucleus angular momentum distribution. Comparison with model predictions. JOUR PRVCA 72 067602

A=100

^{100}Sr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{100}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{100}Mo	2005ESZY	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$ for decay to excited states. REPT TUNL-XLIV,P83,Esterline
	2006WR01	NUCLEAR REACTIONS ^{96,98,100}Mo(^{20}Ne, ^{20}Ne'), E=50 MeV; ^{96,98,100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; ^{96}Mo(^{84}Kr, ^{84}Kr'), E=225 MeV; ^{96}Mo(^{136}Xe, ^{136}Xe'), E=614 MeV; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96,98,100}Mo deduced levels, J, π, quadrupole moments, shape coexistence features. JOUR IMPEE 15 374
^{100}Ru	2005ESZY	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$ for decay to excited states. REPT TUNL-XLIV,P83,Esterline

A=101

^{101}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=102

^{102}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{102}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{102}Pd	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277

A=103

^{103}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{103}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{103}Rh	2006TI01	NUCLEAR REACTIONS ^{96}Zr(^{11}B, 4n), E=40 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Rh deduced high-spin levels, J, π, chiral partner bands, configurations. Gammasphere array. JOUR PRVCA 73 011301
^{103}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277

A=104

^{104}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{104}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504

A=104 *(continued)*

^{104}Ru	2006SR01	NUCLEAR REACTIONS ^{104}Ru(^{208}Pb, ^{208}Pb'), E=954 MeV; ^{104}Ru(^{136}Xe, ^{136}Xe'), E=525 MeV; ^{104}Ru(^{58}Ni, ^{58}Ni'), E=165 MeV, 190 MeV; measured Eγ, Iγ, (particle)γ -coin following Coulomb excitation. ^{104}Ru deduced levels, J, π, E2 and M1 matrix elements, quadrupole collectivity. Comparison with model predictions. JOUR NUPAB 766 25
^{104}Pd	2006MI01	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=40 MeV; measured Eγ, γp-coin, proton spectra vs γ-ray multiplicity; deduced level density enhancement, possible massive cluster transfer σ. ^{102,103,104}Pd deduced transitions. Statistical model analysis, comparison with previous results. JOUR NUPAB 765 277
^{104}Ag	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=105

^{105}Zr	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{105}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{105}Ag	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=106

^{106}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{106}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=107

^{107}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{107}Cd	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{107}In	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=108

^{108}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{108}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
^{108}In	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{108}Sn	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305

A=109

^{109}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{109}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
^{109}Cd	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=109 *(continued)*

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

A=110

^{110}Mo	2006HA03	ATOMIC MASSES ^{95,96,97,98,99,100}Sr, ^{98,99,100,101,102,103,104,105}Zr, ^{102,103,104,105,106,107,108,109,110}Mo; measured masses. Penning trap spectrometer. JOUR PRLTA 96 042504
^{110}Ag	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E ≈ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E ≈ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{110}In	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=111

^{111}Pd	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
^{111}Ag	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E ≈ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E ≈ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{111}Cd	2006SH06	NUCLEAR REACTIONS ^{111}Cd(γ, γ'), E=1-3 MeV bremsstrahlung; measured isomer yield; deduced integral σ for excitation of intermediate levels. JOUR UKPJA 51 115

A=111 *(continued)*

	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{111}In	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E ≈ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E ≈ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{111}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311

A=112

^{112}Ru	2006CH07	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{112}Ru deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model analysis, total Routhian surface calculations. JOUR CPLEE 23 328
^{112}Ag	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E ≈ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E ≈ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
^{112}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{112}Sn	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305
	2006PY01	NUCLEAR REACTIONS ^{112}Sn(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn deduced level J, π, width, configuration, excitation B(E1). JOUR PRVCA 73 017302

A=113

^{113}Ag	2006AB07	NUCLEAR REACTIONS ^{106,112,114}Cd(n, α), ^{106,108,110,111,112,113}Cd(n, p), E=spectrum; measured σ. JOUR RAACA 94 1
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{113}Cd	2005GO45	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors, underground laboratory, comparison with previous results. JOUR PRVCA 72 064328
^{113}In	2005GO45	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors, underground laboratory, comparison with previous results. JOUR PRVCA 72 064328
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{113}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311

A=114

^{114}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=115

^{115}Cd	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{115}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2005TA38	NUCLEAR REACTIONS ^{114}Cd(p, X)^{115m}In / ^{114m}In / ^{113m}In / ^{111}In / ^{111}Ag / ^{110}Ag, E $\approx$ 3-36 MeV; ^{114}Cd(d, X)^{115m}In / ^{114m}In / ^{113m}In / ^{115}Cd / ^{112}Ag / ^{111}Ag, E $\approx$ 2-21 MeV; measured σ; deduced thick-target yields. JOUR RAACA 93 561
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379

A=116

^{116}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006TA10	NUCLEAR REACTIONS Cd(p, X)^{107}In / ^{108}In / ^{108m}In / ^{109}In / ^{110}In / ^{110m}In / ^{111}In / ^{112m}In / ^{113m}In / ^{114m}In / ^{115m}In / ^{116m}In / ^{107}Cd / ^{109}Cd / ^{111m}Cd / ^{115}Cd / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{113}Ag, E=7-75 MeV; measured σ. Stacked-foil activation technique. JOUR NIMBE 245 379
^{116}Sn	2005VI10	NUCLEAR REACTIONS ^{115}In(p, γ), E=3.5, 4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced σ. ^{116}Sn levels deduced feeding intensities, possible GDR effects. JOUR BRSPE 69 84
^{116}Sb	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=117

^{117}Cd	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
^{117}In	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
^{117}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
	2006SHZZ	NUCLEAR REACTIONS ^{117}Sn(γ, γ'), E=2.1-3.0 MeV bremsstrahlung; measured isomer yield; deduced integral σ. Quasiparticle-phonon model calculations. PREPRINT nucl-ex/0603002,3/1/2006
^{117}Sb	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=118

^{118}Sb	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=119

^{119}I	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=120

^{120}I	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=121

^{121}Sb	2006WI04	NUCLEAR REACTIONS ^{121}Sb(γ, γ'), E=37.13 keV; measured Eγ, Iγ; deduced hyperfine parameters in Sb_2O_3, USb, DySb. ^{121}Sb deduced transition energy. JOUR EULEE 74 170
^{121}I	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=122

^{122}Xe	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=123

^{123}Sn	2005BE75	NUCLEAR REACTIONS ^{112,114,118,124}Sn(n, 2n), E=14.4 MeV; ^{112,114,115,116,117}Sn(n, p), E=14.4 MeV; ^{117}Sn(n, n'), (n, np), E=14.4 MeV; ^{118,120}Sn(n, α), E=14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 311
^{123}I	2005HAZL	NUCLEAR REACTIONS ^{121}Sb(α, n), (α, 2n), E $\approx$ 9-27 MeV; measured excitation functions. Sb(^{3}He, xn)^{124}I, E $\approx$ 13-35 MeV; Sb(α, xn)^{124}I, E $\approx$ 13-22 MeV; ^{121}Sb(α, n), E $\approx$ 13-22 MeV; measured yields. REPT NEA/NSC/DOC(2005)27,P14,Hassan
	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
	2006WA05	NUCLEAR REACTIONS ^{116}Cd(^{14}N, 3nα), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{123}I deduced high-spin levels, J, π, configurations, B(M1) / B(E2). Nordball array. JOUR JPGPE 32 283
^{123}Xe	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237

A=124

^{124}Sn	2005BOZQ	NUCLEAR REACTIONS ^{124}Sn(polarized γ, γ'), E=6.96-8.40 MeV; measured Eγ, Iγ. ^{124}Sn deduced levels J, π, pygmy resonance features. REPT TUNL-XLIV,P195,Boswell

A=124 *(continued)*

^{124}Te	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
^{124}I	2005HAZL	NUCLEAR REACTIONS ^{121}Sb(α, n), (α, 2n), E ≈ 9-27 MeV; measured excitation functions. Sb(^{3}He, xn)^{124}I, E ≈ 13-35 MeV; Sb(α, xn)^{124}I, E ≈ 13-22 MeV; ^{121}Sb(α, n), E ≈ 13-22 MeV; measured yields. REPT NEA/NSC/DOC(2005)27,P14,Hassan
	2005QAZY	RADIOACTIVITY ^{64}Cu, ^{124}I(β^+) [from ^{66}Zn(d, α) and ^{124}Te(p, n)]; measured positron branching ratios. REPT NEA/NSC/DOC(2005)27,P20,Qaim
	2006HA06	NUCLEAR REACTIONS Sb(^{3}He, xn)^{121}I / ^{123}I / ^{124}I, E=7-35 MeV; measured excitation functions. Stacked-foil activation technique, comparison with previous results. JOUR ARISE 64 409
^{124}Xe	2005CHZR	NUCLEAR REACTIONS ^{93}Nb(^{124}Xe, ^{124}Xe'), E ≈ 55 MeV / nucleon; measured prompt and delayed Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124}Xe level deduced $T_{1/2}$. Time of flight technique. PREPRINT nucl-ex/0601002,12/31/2005
	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
^{124}Ba	2005MB05	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, linear polarization. ^{124,125}Ba deduced levels, J, π, B(E1) / B(E2), configurations, octupole correlations. Euroball and Diamant arrays. JOUR PRVCA 72 064315

A=125

^{125}Xe	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
^{125}Cs	2006MU05	NUCLEAR REACTIONS ^{115}In(^{12}C, xnypzα)^{125}Xe / ^{123}Xe / ^{122}Xe / ^{125}Cs / ^{121}I / ^{120}I / ^{120m}I / ^{119}I / ^{118m}Sb / ^{117}Sb / ^{116}Sb / ^{116m}Sb, E=54-84 MeV; measured excitation functions. Comparison with model predictions. JOUR IMPEE 15 237
^{125}Ba	2005MB05	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, linear polarization. ^{124,125}Ba deduced levels, J, π, B(E1) / B(E2), configurations, octupole correlations. Euroball and Diamant arrays. JOUR PRVCA 72 064315

A=126

^{126}Xe	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006

A=127

No references found

A=128

^{128}Xe	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316
	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
^{128}Cs	2006GR05	NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, γγ-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels $T_{1/2}$, B(E2), B(M1). ^{128}Cs deduced possible chiral partner bands. JOUR IMPEE 15 548

A=129

No references found

A=130

^{130}Xe	2006MU04	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

A=130 *(continued)*

2006MUZZ NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006

A=131

No references found

A=132

^{132}Xe 2006MU04 NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

2006MUZZ NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006

^{132}La 2006GR05 NUCLEAR REACTIONS ^{122}Sn(^{10}B, 4n), E=55 MeV; ^{122}Sn(^{14}N, 4n), E=70 MeV; measured Eγ, Iγ, γγ-coin, DSA. ^{128}Cs, ^{132}La deduced high-spin levels $T_{1/2}$, B(E2), B(M1). ^{128}Cs deduced possible chiral partner bands. JOUR IMPEE 15 548

A=133

^{133}Cs 2004VI13 RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, E(ce), I(ce). ^{133}Cs deduced transitions, autoionization probability. JOUR BRSPE 68 1718

^{133}Ba 2004VI13 RADIOACTIVITY ^{133}Ba(EC); measured Eγ, Iγ, E(ce), I(ce). ^{133}Cs deduced transitions, autoionization probability. JOUR BRSPE 68 1718

A=134

^{134}Xe 2006MU04 NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). JOUR PRVCA 73 014316

A=134 *(continued)*

	2006MUZZ	NUCLEAR REACTIONS ^{58}Ni(^{124}Xe, ^{124}Xe'), (^{126}Xe, ^{126}Xe'), (^{128}Xe, ^{128}Xe'), (^{130}Xe, ^{130}Xe'), (^{132}Xe, ^{132}Xe'), (^{134}Xe, ^{134}Xe'), E ≈ 550-580 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{124,126,128,130,132,134}Xe deduced levels, J, π, B(E2), B(E3). PREPRINT nucl-ex/0601027,1/19/2006
^{134}Pr	2006TO01	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Eγ, Iγ, γγ-coin, DSA. ^{134}Pr deduced rotational bands $T_{1/2}$, B(E2), B(M1). Doppler-shift attenuation and recoil-distance techniques. Comparison with model predictions. JOUR PRLTA 96 052501

A=135

No references found

A=136

No references found

A=137

No references found

A=138

^{138}Ba	2005BOZR	NUCLEAR REACTIONS ^{138}Ba(polarized γ, γ'), E ≈ 7.5-8.5 MeV; measured Eγ, Iγ, asymmetry. ^{138}Ba deduced levels J, π, pygmy resonance features. REPT TUNL-XLIV,P191,Boswell
^{138}La	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270

A=139

^{139}La	2005BE73	RADIOACTIVITY ^{138,139}La(^{48}Ca); ^{139}La(^{51}Sc); measured cluster decay $T_{1/2}$ lower limits. $LaCl_3$:Ce scintillator. JOUR NIMAE 555 270
^{139}Ce	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E ≈ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E ≈ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E ≈ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553
^{139}Nd	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E ≈ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E ≈ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E ≈ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553

A=140

^{140}Nd	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E ≈ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E ≈ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E ≈ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553
	2005PE24	NUCLEAR REACTIONS ^{96}Zr(^{48}Ca, 4n), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{140}Nd deduced high-spin levels, J, π, configurations. Euroball array. JOUR PRVCA 72 064318
^{140}Eu	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=141

^{141}Nd	2005ANZX	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd(γ, n), E=15 MeV; measured Eγ, Iγ; deduced isomer yields. REPT TUNL-XLIV,P188,Angell
	2005HI24	NUCLEAR REACTIONS Ce(^{3}He, xn)^{141}Nd / ^{140}Nd / ^{139}Nd, Ce(^{3}He, X)^{139}Ce, E ≈ 15-35 MeV; ^{141}Pr(p, n), (p, n), (p, n), E ≈ 8-45 MeV; ^{141}Pr(p, X)^{139}Ce, E ≈ 23-45 MeV; measured σ. Comparison with model predictions. JOUR RAACA 93 553

A=142

^{142}Tb	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=143

^{143}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8

A=144

^{144}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{144}Dy	2006SUZZ	NUCLEAR REACTIONS ^{92}Mo(^{56}Fe, 2n2p), E=280 MeV; measured Eγ, Iγ. ^{144}Dy deduced levels, J, π. REPT JAERI-TV 2004 Annual,P24,Sugawara

A=144 *(continued)*

^{144}Ho	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=145

^{145}Ce	2005VE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{145}Ce, E=85 MeV; ^{238}U(^{12}C, X)^{147}Nd, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{147}Nd, ^{145}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 26 315
^{145}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{145}Er	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=146

^{146}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8
^{146}Tm	2006TA08	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{92}Mo(^{54}Fe, xnypzα)]; measured Eγ, Iγ, $T_{1/2}$. ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, 3np)]; measured Ep, $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{145}Er, ^{146}Tm deduced levels, J, π, configurations. JOUR PRVCA 73 024316

A=147

^{147}Nd	2005VE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{145}Ce, E=85 MeV; ^{238}U(^{12}C, X)^{147}Nd, E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{147}Nd, ^{145}Ce deduced high-spin levels, J, π, configurations. Euroball III and IV arrays. JOUR ZAANE 26 315

A=148

^{148}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8

A=149

No references found

A=150

^{150}Nd	2006BA19	NUCLEAR REACTIONS Nd(n, n'X), E=1-500 eV; measured transmission spectra. Nd(n, γ), E=1-500 eV; measured capture yields. ^{143,144,145,146,148,150}Nd deduced resonance parameters. Comparison with previous results. JOUR NSENA 153 8

A=151

No references found

A=152

^{152}Sm	2006WI01	NUCLEAR REACTIONS Sm, ^{151}Sm(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015802
^{152}Eu	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{152}Gd	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126

A=153

^{153}Sm	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547
^{153}Gd	2005ZA17	NUCLEAR REACTIONS ^{46}Ti(n, 2n), ^{96}Ru, ^{153}Eu(n, p), ^{156}Dy(n, α), E=spectrum; measured σ. Activation technique, radiochemical separation. JOUR RAACA 93 547

A=154

^{154}Eu	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{154}Gd	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126

A=155

No references found

A=156

No references found

A=157

^{157}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307

A=158

^{158}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307

A=159

^{159}Dy	2005PI21	NUCLEAR REACTIONS ^{124}Sn(^{36}S, 3n), E=165 MeV; ^{130}Te(^{36}S, 3nα), (^{36}S, 4nα), (^{34}S, 3nα), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157,158,159}Dy deduced high-spin levels, J, π, configurations. Gammasphere, Euroball arrays. JOUR PRVCA 72 064307

A=160

^{160}Er	2006DU02	NUCLEAR REACTIONS ^{159}Tb(^{6}Li, 5n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Er deduced levels, J, π, δ, branching ratios, collective features. Constrained β-soft rotor model analysis. JOUR PRVCA 73 014317

A=161

No references found

A=162

^{162}Eu	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
^{162}Gd	2006HAZZ	RADIOACTIVITY ^{91}Rb, ^{162}Eu(β^-) [from ^{238}U(p, F)]; measured Qβ. Total absorption spectrometer. REPT JAERI-TV 2004 Annual,P25,Hayashi
^{162}Dy	2006AP01	NUCLEAR REACTIONS ^{161}Dy(n, γ), E=0.03-2 MeV; measured Eγ, Iγ, E(ce), I(ce). ^{160}Gd(α, 2n), E=256 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Dy deduced levels, K, J, π, ICC, configurations, collective features. Complete spectroscopy, Ritz combination principle. JOUR NUPAB 764 42
^{162}Ho	2005LI63	NUCLEAR REACTIONS ^{160}Gd(^{7}Li, 5n), E=49 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162}Ho deduced high-spin levels, J, π, B(M1) / B(E2), configurations. JOUR PRVCA 72 067301

A=163

^{163}Eu	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato

A=164

^{164}Eu	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato
	2006SAZZ	RADIOACTIVITY ^{164}Eu(β^-) [from U(p, F)]; measured Eγ, Eβ, $\beta\gamma$-, (X-ray)γ-coin. REPT JAERI-TV 2004 Annual,P39,Sato
^{164}Gd	2006SAZZ	RADIOACTIVITY ^{164}Eu(β^-) [from U(p, F)]; measured Eγ, Eβ, $\beta\gamma$-, (X-ray)γ-coin. REPT JAERI-TV 2004 Annual,P39,Sato

A=165

^{165}Eu	2006SAZZ	NUCLEAR REACTIONS U(p, F), E=20 MeV; measured delayed Eγ, Eβ, X-ray spectra; deduced evidence for ^{163,164,165}Eu. REPT JAERI-TV 2004 Annual,P39,Sato

A=166

^{166}Ho	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308
^{166}Er	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308

A=166 *(continued)*

^{166}Tm	2006KU03	RADIOACTIVITY ^{166m}Ho(β^-); ^{166}Tm(EC) [from ^{166}Er(α, 4n) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er deduced interband transitions B(E2), band mixing parameters. JOUR PRVCA 73 014308

A=167

No references found

A=168

No references found

A=169

^{169}Ta	2005KU40	NUCLEAR REACTIONS ^{159}Tb(^{16}O, 6nγ), E=104 MeV; measured delayed Eγ, Iγ(θ, H, t). ^{169}Ta levels deduced quadrupole moments, $T_{1/2}$, deformation parameters. Time-dependent perturbed angular correlation. JOUR ZAANE 26 311

A=170

No references found

A=171

^{171}Ta	2005HA71	NUCLEAR REACTIONS ^{124}Sn(^{51}V, 4n), E=228 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{171}Ta deduced high-spin levels, J, π, configurations. No wobbling sequence seen. Gammasphere array. JOUR PRVCA 72 064325

A=172

^{172}Er	2006DR04	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. JOUR PYLBB 635 200
	2006DRZZ	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. PREPRINT ANU-P/1698,Dracoulis

A=172 *(continued)*

^{172}Yb	2006SC07	NUCLEAR REACTIONS ^{173}Yb(^{3}He, α), E=45 MeV; ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, (particle)γ-coin, $\gamma\gamma$-coin. ^{172}Yb deduced radiative strength functions, resonance multipolarity, B(M1). JOUR PYLBB 633 225
	2006SCZZ	NUCLEAR REACTIONS ^{171}Yb(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced primary vs secondary intensities. Comparison with previous results. PREPRINT nucl-ex/0601015,1/10/2006

A=173

No references found

A=174

^{174}Er	2006DR04	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. JOUR PYLBB 635 200
	2006DRZZ	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{174}Er / ^{172}Er, E=6.0 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{172,174}Er deduced high-spin levels, J, π, isomeric states, configurations. Gammasphere array, level systematics in neighboring isotones discussed. PREPRINT ANU-P/1698,Dracoulis
^{174}Tm	2006CH10	RADIOACTIVITY ^{174}Tm(IT) [from Ta(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-, (ce)(ce)-coin, $T_{1/2}$. ^{174}Tm deduced levels, J, π, configurations, ICC, B(E3). JOUR PRVCA 73 024306

A=175

No references found

A=176

^{176}Lu	2006LU03	RADIOACTIVITY ^{176}Lu(β^-); measured Eγ, Iγ, $T_{1/2}$. ^{176}Hf deduced γ-emission probabilities. Comparison with previous results. JOUR ARISE 64 588
	2006WI02	NUCLEAR REACTIONS ^{175,176}Lu(n, γ), E=3-225 keV; measured Eγ, capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015807
^{176}Hf	2005ZD04	RADIOACTIVITY ^{180}W(α); measured $T_{1/2}$. Effects of contaminant decays in $CaWO_4$ crystal scintillators discussed. JOUR NIMAE 538 657

A=176 *(continued)*

	2006KE03	NUCLEAR REACTIONS ^{50}V, ^{176}Lu(p, n), E=0.75-1.55 MeV; measured thick-target yields in a variety of materials; deduced electron screening effects, resonance features. JOUR JPGPE 32 489
	2006LU03	RADIOACTIVITY ^{176}Lu(β^-); measured Eγ, Iγ, $T_{1/2}$. ^{176}Hf deduced γ-emission probabilities. Comparison with previous results. JOUR ARISE 64 588

A=177

^{177}Lu	2006WI02	NUCLEAR REACTIONS ^{175,176}Lu(n, γ), E=3-225 keV; measured Eγ, capture σ; deduced Maxwellian averaged σ. Astrophysical implications discussed. JOUR PRVCA 73 015807
^{177}Ta	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel

A=178

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

A=179

^{179}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{179}W	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1

A=180

^{180}Hf	2005CLZX	NUCLEAR REACTIONS ^{180}Hf(n, n'), E=10, 12, 14.5, 16 MeV; measured isomer production σ. Hf(n, xn), E=18 MeV; measured delayed Eγ, Iγ; deduced evidence for ^{178m}Hf. REPT TUNL-XLIV,P110,Clark
	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{180}W	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
	2005ZD04	RADIOACTIVITY ^{180}W(α); measured $T_{1/2}$. Effects of contaminant decays in $CaWO_4$ crystal scintillators discussed. JOUR NIMAE 538 657

A=181

^{181}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{181}W	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{181}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel

A=182

^{182}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{182}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{182}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel

A=183

^{183}Hf	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{183}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{183}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel

A=184

^{184}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{184}Re	2005MIZR	NUCLEAR REACTIONS W(p, xn)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re, E=10-70 MeV; W(p, xn2p)^{177}Ta, E=10-70 MeV; measured production σ. REPT NEA/NSC/DOC(2005)27,P31,Michel

A=185

^{185}W	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1

A=186

^{186}Ta	2006AV01	NUCLEAR REACTIONS ^{180,186}W(n, 2n), ^{182,183,184,186}W(n, p), (n, α), ^{186}W(n, n'α), E=13.4-14.9 MeV; measured Eγ, Iγ, activation σ. ^{181}Ta(p, n), E=0-50 MeV; ^{180,182,183,184,186}W, ^{181}Ta(n, γ), E=0-3 MeV; analyzed σ. Comparison with model predictions. JOUR NUPAB 765 1
^{186}W	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553
^{186}Re	2006MU06	NUCLEAR REACTIONS ^{187}Re(γ, n), E=7.65-9.9 MeV bremsstrahlung; measured σ. Comparison with model predictions, astrophysical implications discussed. JOUR PRVCA 73 025804
^{186}Os	2005DA47	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{180}W(2EC); ^{70}Zn, ^{186}W($2\beta^-$); measured $T_{1/2}$ lower limits for 0ν- and 2ν-accompanied decay. Effects of contaminant decays in $ZnWO_4$ crystal scintillators discussed. JOUR NIMAE 544 553

A=187

^{187}Re 2006AR02 RADIOACTIVITY ^{187}Re(β^-); measured Eγ, Iγ, environmental fine structure; deduced s-wave and p-wave contributions. JOUR PRLTA 96 042503

^{187}Os 2006AR02 RADIOACTIVITY ^{187}Re(β^-); measured Eγ, Iγ, environmental fine structure; deduced s-wave and p-wave contributions. JOUR PRLTA 96 042503

A=188

^{188}Re 2006LE11 NUCLEAR REACTIONS ^{109}Ag, ^{121}Sb, ^{133}Cs, ^{151,153}Eu, ^{176}Lu, ^{187}Re(n, γ), E=slow; measured Eγ, Iγ; deduced isomeric ratios. CIRENE slowing down assembly, comparison with statistical model. JOUR ZAANE 27 59

^{188}Bi 2006AN04 RADIOACTIVITY ^{192,192m}At(α) [from ^{144}Sm(^{51}V, 3n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced isomeric states energies, configurations. JOUR PRVCA 73 024317

A=189

^{189}Pt 2005LU27 NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381

A=190

^{190}Pt 2006LE06 NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24

A=191

^{191}Pt 2005LU27 NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381

A=192

^{192}Pt 2006LE06 NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24

A=192 *(continued)*

^{192}At	2006AN04	NUCLEAR REACTIONS ^{144}Sm(^{51}V, X), E=230 MeV; measured Eγ, Eα, (recoil)α-, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. JOUR PRVCA 73 024317
	2006AN04	RADIOACTIVITY ^{192,192m}At(α) [from ^{144}Sm(^{51}V, 3n)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced isomeric states energies, configurations. JOUR PRVCA 73 024317

A=193

^{193}Pt	2005HIZW	NUCLEAR REACTIONS ^{192}Os(α, n), (α, 3n), E $\approx$ 17-28 MeV; measured isomer excitation functions; deduced integral yields. REPT NEA/NSC/DOC(2005)27,P17,Hilgers

A=194

^{194}Ir	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{194}Pt	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
^{194}Pb	2005DR11	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, B(E1), B(E2), B(E3), isomer decay features. Caesar array, potential energy surface calculations. JOUR PRVCA 72 064319

A=195

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

A=195 *(continued)*

	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381

A=196

^{196}Ir	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{196}Hg	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
^{196}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
^{196}Pb	2005DR11	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, B(E1), B(E2), B(E3), isomer decay features. Caesar array, potential energy surface calculations. JOUR PRVCA 72 064319

A=197

^{197}Pt	2005LU27	NUCLEAR REACTIONS ^{190,192,196,198}Pt(n, 2n), ^{194,195,196}Pt(n, p), E=13.5-14.4 MeV; measured σ. Activation technique. JOUR RAACA 93 381
^{197}Au	2005BB09	NUCLEAR REACTIONS ^{197}Au(^{108}Sn, ^{108}Sn'), E=142 MeV; ^{197}Au(^{112}Sn, ^{112}Sn'), E=147 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{108,112}Sn levels deduced excitation B(E2), core polarization features. Comparison with large-scale shell model predictions. JOUR PRVCA 72 061305
	2006DA08	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. JOUR PRLTA 96 112503
	2006DAZZ	NUCLEAR REACTIONS ^{197}Au(^{38}S, ^{38}S'), (^{40}S, ^{40}S'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{38,40}S levels deduced excitation B(E2), g factors. Transient field technique. PREPRINT nucl-ex/0602022,2/23/2006
	2006KA01	NUCLEAR REACTIONS ^{197}Au(^{6}He, ^{6}He), E=27 MeV; measured quasi-elastic $\sigma(\theta)$; ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; analyzed elastic $\sigma(\theta)$; deduced optical model parameters, role of Coulomb dipole polarisability, reaction mechanism features. JOUR NUPAB 765 294

A=197 *(continued)*

^{197}Hg	2005QAZZ	NUCLEAR REACTIONS Pt(α, xn)^{197}Hg / ^{197m}Hg, E ≈ 18-26 MeV; ^{198}Hg(n, 2n), E ≈ 10-15 MeV; measured isomer production σ ratios. Comparison with previous results and model predictions. REPT NEA/NSC/DOC(2005)27,P11,Qaim
^{197}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106

A=198

^{198}Ir	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{198}Pt	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{198}Hg	2006LE06	NUCLEAR REACTIONS ^{188,190,192}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isometric states g factors. Enriched targets, integral perturbed angular distribution technique. Anomalous orbital g factor for neutrons discussed. JOUR NUPAB 764 24
^{198}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106

A=199

^{199}Os	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{199}Ir	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{199}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106

A=200

^{200}Os	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{200}Ir	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{200}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106

A=201

^{201}Tl	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E ≈ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E ≈ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106

A=202

No references found

A=203

^{203}Pt	2005KUZU	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto
^{203}Au	2005KUZU	RADIOACTIVITY ^{195}Re, ^{199,200}Os, ^{198}Ir, ^{203}Pt(β^-) [from Be(^{208}Pb, X)]; measured $T_{1/2}$. CONF Debrecen(Exotic Nuclear Systems),P73,Kurtukian Nieto

A=204

No references found

A=205

^{205}At	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=206

^{206}Pb	2006LE14	RADIOACTIVITY ^{210}Po(α) [from ^{209}Bi(n, γ)^{210}Bi(β^-)]; measured Eα, Eγ. ^{206}Pb deduced transition. JOUR ANEND 33 377
^{206}At	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{206}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{206}Fr	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=207

^{207}Fr	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{207}Ra	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=208

^{208}Pb	2003WI18	NUCLEAR REACTIONS ^{208}Pb(^{56}Fe, ^{56}Fe'), E=240 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. Gamma-ray tracking technique. JOUR BJPHE 33 206
	2006HEZZ	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=14.92-17.48 MeV; ^{207}Pb(d, p), E=22 MeV; measured Ep, $\sigma(\theta)$. ^{208}Pb deduced IAR states energies, neutron particle-hole configurations. PREPRINT nucl-ex/0601016,1/11/2006
	2006KA01	NUCLEAR REACTIONS ^{197}Au(^{6}He, ^{6}He), E=27 MeV; measured quasi-elastic $\sigma(\theta)$; ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; analyzed elastic $\sigma(\theta)$; deduced optical model parameters, role of Coulomb dipole polarisability, reaction mechanism features. JOUR NUPAB 765 294

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

	2006SC04	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. JOUR PRVCA 73 015806
^{208}Bi	2006BO08	NUCLEAR REACTIONS ^{208}Pb(p, n), E=9.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Bi deduced levels, J, π, transition multipolarities. Comparison with shell-model predictions. JOUR NUPAB 768 22
^{208}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307
^{208}Fr	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390
^{208}Ra	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{208}Th	2006KU07	NUCLEAR REACTIONS Be(^{238}U, X), E=1 GeV / nucleon; measured Th and Pa fragments isotopic production σ; deduced evidence for ^{208}Th, ^{211}Pa. Comparison with previous results and model predictions. JOUR NUPAB 767 1

A=209

^{209}Bi	2006LI05	NUCLEAR REACTIONS ^{208}Pb(p, γ), E $\approx$ 11-17 MeV; measured Eγ, Iγ; deduced excitation functions. Afrodite array. JOUR NIMAE 557 523
^{209}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{209}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307

A=209 *(continued)*

	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390

A=210

^{210}Pb	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{210}Bi	2006LE14	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=thermal; measured σ. Activation technique, comparison with previous results. JOUR ANEND 33 377
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{210}Po	2005PEZX	NUCLEAR REACTIONS ^{197}Au(^{6}He, 2n), (^{6}He, 3n), (^{6}He, 4n), (^{6}He, 5n), (^{6}He, 6n), (^{6}He, 7n), E $\approx$ 20-60 MeV; ^{206}Pb(^{6}He, 2n), E $\approx$ 20-60 MeV; measured excitation functions. Statistical model analysis. REPT JINR-P7-2005-106
	2006LE14	RADIOACTIVITY ^{210}Po(α) [from ^{209}Bi(n, γ)^{210}Bi(β^-)]; measured Eα, Eγ. ^{206}Pb deduced transition. JOUR ANEND 33 377
^{210}Rn	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{210}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006ME03	NUCLEAR REACTIONS ^{176}Yb(^{37}Cl, 3n), (^{37}Cl, 4n), (^{37}Cl, 4np), E=173, 179, 185 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced excitation functions. ^{197}Au(^{16}O, 4n), (^{16}O, 3n), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{209}Fr deduced levels, J, π, configurations, isomer $T_{1/2}$. ^{208}Rn, ^{210}Fr deduced isomers $T_{1/2}$. Gas-filled spectrometer. JOUR PRVCA 73 024307
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390
^{210}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states $T_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006

A=210 *(continued)*

^{210}Ac	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=211

^{211}Fr	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
	2006ST01	NUCLEAR REACTIONS ^{197}Au(^{18}O, xn)^{208}Fr / ^{209}Fr / ^{210}Fr / ^{211}Fr, E=94=116 MeV; measured yields. Comparison with model predictions, dependence on target temperature and extraction voltage discussed. JOUR NIMAE 557 390
^{211}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states $T_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006
^{211}Ac	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel
^{211}Pa	2006KU07	NUCLEAR REACTIONS Be(^{238}U, X), E=1 GeV / nucleon; measured Th and Pa fragments isotopic production σ; deduced evidence for ^{208}Th, ^{211}Pa. Comparison with previous results and model predictions. JOUR NUPAB 767 1

A=212

^{212}Fr	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{212}Ra	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=212 ***(continued)***

	2006HAZY	NUCLEAR REACTIONS ^{174}Yb(^{40}Ar, 2n), (^{40}Ar, 3n), (^{40}Ar, 4n), E not given; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra deduced isomeric states $T_{1/2}$. PREPRINT nucl-ex/0602010,2/8/2006

A=213

^{213}Fr	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{213}Ra	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{213}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=214

^{214}Pb	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Bi	2005YEZZ	NUCLEAR REACTIONS ^{174}Yb, ^{181}Ta(^{40}Ar, xnyp), ^{164}Dy(^{48}Ca, xnyp), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{210,211,212}Ra, ^{214}Bi, ^{214}Pb deduced transitions. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Po	2006VA02	RADIOACTIVITY ^{152,154}Eu, ^{210,214}Pb, ^{214}Bi(β^-); measured eγ-coin, electron yields following β-interaction with thin films. JOUR UKPJA 51 126
^{214}Ra	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{214}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=215

^{215}Ra	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203
^{215}Ac	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
	2006PO01	NUCLEAR REACTIONS Be(^{238}U, X)^{211}Fr / ^{212}Fr / ^{213}Fr / ^{214}Ra / ^{215}Ra / ^{215}Ac, E=900 MeV / nucleon; measured delayed Eγ, Iγ; deduced isomeric ratios for high spin states. JOUR PYLBB 632 203

A=216

^{216}Rn	2006DE09	NUCLEAR REACTIONS ^{208}Pb(^{18}O, 2n2α), E=91-93 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{216}Rn deduced high-spin levels, J, π, configurations, B(E1) / B(E2), octupole collectivity. GASP, ISIS arrays. JOUR PRVCA 73 024314
^{216}Th	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=217

^{217}Th	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin
^{217}Pa	2005YEZZ	RADIOACTIVITY ^{217,217m}Pa, ^{216,217}Th, ^{213,214,215}Ac, ^{210,212,213,214}Ra, ^{209,210}Fr(α) [from ^{181}Ta(^{40}Ar, X)]; measured Eα. CONF Peterhof(EXON-2004) Proc,P206,Yeremin

A=218

No references found

A=219

No references found

A=220

No references found

A=221

No references found

A=222

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

A=223

No references found

A=224

No references found

A=225

^{225}Ra	2005KI25	RADIOACTIVITY ^{229}Th(α) [from ^{232}Th(γ, 2np)]; measured Eα, Iα; deduced possible isomeric state decay. JOUR RAACA 93 507

A=226

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

A=227

No references found

A=228

No references found

A=229

^{229}Th	2005KA58	RADIOACTIVITY ^{229m}Th(IT) [from ^{233}U(α)]; measured Eγ, Iγ; deduced $T_{1/2}$ limits for isomer decay. JOUR RAACA 93 511
	2005KI25	RADIOACTIVITY ^{229}Th(α) [from ^{232}Th(γ, 2np)]; measured Eα, Iα; deduced possible isomeric state decay. JOUR RAACA 93 507

A=230

No references found

A=231

No references found

A=232

No references found

A=233

^{233}Th	2006BO04	NUCLEAR REACTIONS ^{232}Th(n, γ), E=4-140 keV; measured capture σ; deduced average resonance parameters. Comparison with previous results. JOUR NSENA 152 1

A=234

^{234}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377

A=235

^{235}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377

A=236

^{236}Np	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377
^{236}Pu	2005AA02	NUCLEAR REACTIONS ^{236}U(p, X)^{234}Np / ^{235}Np / ^{236}Np / ^{236}Pu, E=17-40 MeV; measured σ, thick-target yields. JOUR RAACA 93 377

A=237

No references found

A=238

No references found

A=239

^{239}U	2006WO03	RADIOACTIVITY ^{239}U(β^-) [from ^{238}U(n, γ)]; measured Eγ, Iγ. ^{239}Np deduced transitions. JOUR NIMAE 558 441
^{239}Np	2006WO03	RADIOACTIVITY ^{239}U(β^-) [from ^{238}U(n, γ)]; measured Eγ, Iγ. ^{239}Np deduced transitions. JOUR NIMAE 558 441

A=240

No references found

A=241

No references found

A=242

No references found

A=243

^{243}Pu	2006MA01	NUCLEAR REACTIONS ^{243}Am, ^{242}Pu(n, γ), E=thermal; measured delayed Eγ, Eα; deduced σ. Comparison with previous results. JOUR NIMAE 556 547

A=244

No references found

A=245

No references found

A=246

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

A=247

^{247}Es	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon

A=248

No references found

A=249

^{249}Bk	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{249}Md	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=250

^{250}Bk	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{250}Fm	2006BA09	NUCLEAR REACTIONS ^{204}Hg(^{48}Ca, 2n), E $\approx$ 205-216 MeV; measured Eγ, Iγ; deduced excitation function. ^{204}Hg(^{48}Ca, 2n), E=210 MeV; measured Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-, $\gamma\gamma$-, (ce)γ-coin. ^{250}Fm deduced levels, J, π, ICC, deformation. Jurosphere IV array, recoil-decay tagging.. JOUR PRVCA 73 024308
	2006BA09	RADIOACTIVITY ^{250}Fm(α) [from ^{204}Hg(^{48}Ca, 2n)]; measured $T_{1/2}$. JOUR PRVCA 73 024308
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611
^{250}Md	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=251

^{251}Cf	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{251}Fm	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon

A=251 *(continued)*

^{251}Md	2005CHZQ	NUCLEAR REACTIONS ^{205}Tl(^{48}Ca, 2n), E=221 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. Mass separator, recoil-decay tagging. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon

A=252

^{252}Cf	2005KRZW	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, neutron and γ-ray multiplicities, fission fragment mass distributions. CONF Peterhof(EXON-2004) Proc,P343,Krupa
	2005PYZX	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions, neutron multiplicity; deduced ternary decay mode. CONF Peterhof(EXON-2004) Proc,P351,Pyatkov
	2005PYZY	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions; deduced ternary decay features. REPT JINR-E15-2005-99
	2006CH07	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{112}Ru deduced high-spin levels, J, π, configurations. Gammasphere array, cranking model analysis, total Routhian surface calculations. JOUR CPLEE 23 328
	2006JO01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{84,86,88}Se deduced levels, J, π. Gammasphere array. JOUR PRVCA 73 017301
	2006KO03	RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra, angular distributions. JOUR NIMAE 557 594

A=253

^{253}Es	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{253}Lr	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=254

^{254}Es	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{254}No	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=254 ***(continued)***

^{254}Lr	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=255

^{255}Fm	2004GU22	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. JOUR BRSPE 68 1721
^{255}No	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon
^{255}Lr	2005CHZQ	RADIOACTIVITY ^{255}Lr(α), (EC) [from ^{209}Bi(^{48}Ca, 2n)]; ^{255}No, ^{251}Md(α) [from ^{255}Lr decay]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{247}Es deduced excited states. CONF Peterhof(EXON-2004) Proc,P198,Chatillon

A=256

No references found

A=257

^{257}Db	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=258

^{258}Db	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=259

No references found

A=260

No references found

A=261

^{261}Rf	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
^{261}Bh	2006FO02	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), E=260, 264, 268 MeV; measured delayed Eα, $\alpha\alpha$-coin, excitation function. ^{208}Pb(^{55}Mn, 2n), E=268 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{261}Bh. Gas-filled separator. JOUR PRVCA 73 014611
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=262

^{262}Bh	2006FO02	NUCLEAR REACTIONS ^{208}Pb(^{55}Mn, n), E=260, 264, 268 MeV; measured delayed Eα, $\alpha\alpha$-coin, excitation function. ^{208}Pb(^{55}Mn, 2n), E=268 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{261}Bh. Gas-filled separator. JOUR PRVCA 73 014611
	2006FO02	RADIOACTIVITY ^{261,262,262m}Bh, ^{257,258}Db, ^{253m,254}Lr, ^{254}No, ^{250}Fm(α) [from ^{208}Pb(^{55}Mn, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR PRVCA 73 014611

A=263

No references found

A=264

No references found

A=265

^{265}Sg	2005MOZQ	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita
^{265}Hs	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=266

No references found

A=267

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

A=268

No references found

A=269

^{269}Hs 2005MOZQ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita

A=270

No references found

A=271

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

A=272

No references found

A=273

^{273}Ds 2005MOZQ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita

A=274

No references found

A=275

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

A=276

No references found

A=277

^{277}112 2005MOZQ RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. CONF Peterhof(EXON-2004) Proc,P188,Morita

A=278

No references found

A=279

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

A=280

No references found

A=281

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

A=282

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

A=283

^{283}112	2005OGZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
	2005OGZZ	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian
^{283}114	2005STZX	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), E=4.83, 4.87, 4.92 MeV / nucleon; measured excitation function. ^{208}Pb(^{76}Ge, n), E=5.02 MeV / nucleon; measured σ upper limit. ^{160}Gd(^{58}Fe, X)^{206}Fr / ^{207}Fr / ^{207}Ra / ^{208}Ra / ^{210}Ac / ^{211}Ac, E=4.87 MeV / nucleon; measured yields. CONF Peterhof(EXON-2004) Proc,P180,Stodel

A=284

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

A=285

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

A=286

^{286}114 20050GZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=287

^{287}114 20050GZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=288

^{288}114 20050GZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=289

^{289}114 20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=290

^{290}116 20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=291

^{291}116 20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=292

^{292}116 20050GZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=293

^{293}116 20050GZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), E=230-240 MeV; ^{248}Cm(^{48}Ca, 3n), (^{48}Ca, 4n), E=247 MeV; ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E=235-250 MeV; measured σ. ^{233}U(^{48}Ca, xn), E=240 MeV; measured σ upper limit. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

20050GZZ RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

A=294

$^{294}118$	20050GZZ	RADIOACTIVITY $^{294}118$, $^{290,291,292,293}116$, $^{287,288,289}114$, $^{285}112$, $^{275}Hs(\alpha)$; $^{286}114$, $^{283}112$, ^{279}Ds, $^{271}Sg(\alpha)$, (SF); $^{282,284}112$, ^{281}Ds, $^{267}Rf(SF)$; measured Eα, $T_{1/2}$, branching ratios. Comparison with model predictions. CONF Peterhof(EXON-2004) Proc,P168,Oganessian

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