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National Nuclear Data Center, Brookhaven National Laboratory

Document generated: February 1, 2011

This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2009 to December 31, 2009. 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	2007IMZX	NUCLEAR REACTIONS ^{2}H(p, 2p)n, E = 9.5 MeV; measured Ep, Ip. REPT TUNL-XLVI,P64,Imig
	2007MAYY	NUCLEAR REACTIONS ^{2}H(p, 2p), E=250 MeV; measured Ep, Ip, Ed, Id; deduced Ay, σ(E), $\sigma(\theta)$; calculated Ay. Missing mass spectra. Incident protons polarized to 70%. Preliminary results only. REPT CNS-REP-76,P25,Maeda
	2008BO32	NUCLEAR REACTIONS ^{2}H(e, e'p), E=855.11 MeV; measured σ, missing momentum, kinematic variables; deduced interference response function. Comparison with Coupled Channels Calculations. JOUR PRVCA 78 054001
	2008KI21	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=130 MeV; measured particle spectra, break-up cross sections. JOUR FBSYE 44 11
	2008LA17	NUCLEAR REACTIONS ^{2}H(t, pt), (t, 2d), E=35.5 MeV; measured cross sections. ^{3}H(p, p), (p, d); deduced cross sections. JOUR FBSYE 44 353
	2008MA52	NUCLEAR REACTIONS ^{2}H(p, 2p), E=190 MeV; measured particle spectra and correlations, cross sections and analyzing powers. JOUR FBSYE 44 49
	2008MI26	NUCLEAR REACTIONS ^{3}He(e, e'2p), (e, e'np), E not given; measured cross sections. JOUR FBSYE 44 171
	2008TU07	NUCLEAR REACTIONS ^{2}H(p, 2p), E=5 MeV; measured Ep, Ip, pp-coin, momentum distributions, two- and three-body σ. Trojan Horse Method. JOUR PRVCA 78 064001
	2009FUZZ	NUCLEAR REACTIONS ^{4}He(n, n'), E=thermal; Ar(n, n'), E=thermal; measured In, TOF; deduced $\sigma(^{4}\text{He})$ / σ(Ar); ^{1}n(n, n'), E=thermal; measured In, TOF; deduced n-n scattering length. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P53,Furman
	2009KO11	RADIOACTIVITY ^{1}n(β^-); measured transverse polarization of electrons. JOUR PRLTA 102 172301
	2009PA03	RADIOACTIVITY ^{1}n(β^-); measured β asymmetry parameter. JOUR PRLTA 102 012301
	2009SE05	NUCLEAR REACTIONS ^{1}H(polarized d, 2p), E=135 MeV / nucleon; measured Ep, Ip, polarization transfer coefficients and vector analyzing powers of outgoing proton. Comparison with calculations using three-nucleon Faddeev equation. JOUR PRVCA 79 054008
	2009SH18	NUCLEAR REACTIONS ^{1,2}H(n, p), E=0.55-2.00 GeV; measured $\sigma(\theta)$ ratio. Comparison with other data and energy-dependent phase-shift analysis results. JOUR ZAANE 39 267
	2009SPZZ	NUCLEAR REACTIONS ^{2}H(^{11}B, α^{8}Be)n, E=27 MeV; measured E(particle), I(particle); ^{2}H(^{10}B, α^{7}Be), E=24.4 MeV; measured α-Be-coin.; deduced momentum distribution, $\sigma(^{11}\text{B}(\text{p}, \alpha_0))$, S-factor using Trojan Horse Method. CONF Tokai (Perspective in Nuc Phys), Proc.P171,Spitaleri
^{1}H	2007BLZW	NUCLEAR REACTIONS ^{2}H(γ, n), E = 14, 16 MeV; measured In, En; deduced p-wave transition matrix element amplitudes. Comparison with SAPM calculations. REPT TUNL-XLVI,P92,Blackston

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2007ELZU NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), ^{1}H(^{28}Ne, ^{27}Ne), E not given; measured Eγ, Iγ, particle-γ-coin. REPT RIKEN 2006 Annual,P11,Elekes

2007ELZV NUCLEAR REACTIONS ^{1}H(^{30}Na, ^{30}Na'), ^{1}H(^{31}Na, ^{31}Na'), ^{1}H(^{33}Mg, ^{33}Mg'), ^{1}H(^{34}Mg, ^{34}Mg'), E$\approx$50 MeV / nucleon; measured Iγ, Eγ, particle-γ-coin.; deduced deformation. REPT RIKEN 2006 Annual,P7,Elekes

2007INZZ NUCLEAR REACTIONS ^{1}H(^{30}Ne, ^{30}Ne'), E$\approx$44 MeV / nucleon; measured Eγ, Iγ, particle-γ coin., $\gamma\gamma$-coin.; deduced γ peak at 799 keV. REPT RIKEN 2006 Annual,P9,Inafuku

2007KOZN NUCLEAR REACTIONS ^{1}H(^{14}Be, n^{12}Be), ^{1}H(^{14}Be, 2n^{12}Be), E=69 MeV / nucleon; measured En, In, E(particle), I(particle); deduced σ. REPT RIKEN 2006 Annual,P27,Kondo

2007MIZO NUCLEAR REACTIONS ^{1}H(^{36}Mg, ^{36}Mg'), E not given; measured Eγ, I*null*g. Data are subject of analysis. REPT RIKEN 2006 Annual,P8,Michimasa

2007SAZP NUCLEAR REACTIONS ^{1}H(^{14}Be, n^{13}Be), E=70 MeV / nucleon; measured En, In, E(particle), I(particle); deduced $\sigma(\theta)$. REPT RIKEN 2006 Annual,P26,Satou

2007SAZQ NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured E(particle), I(particle), polarization; deduced $\sigma(\theta)$, analyzing power. Compared with other data and calculations. REPT RIKEN 2006 Annual,P24,Sakaguchi

2007SAZR NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured Ep, Ip; deduced $\sigma(\theta)$, Ay; analyzed Ay using optical model; deduced parameters. Polarization of the target: average 13.8%, maximum 20.4%. REPT CNS-REP-76,P29,Sakaguchi

2007TAZK NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E not given; measured Eγ, Iγ, particle-γ-coin., θ(particle), I(particle); deduced $\sigma(\theta)$; calculated $\sigma(\theta)$ using ECIS97 code. REPT RIKEN 2006 Annual,P5,Takeuchi

2007TAZL NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), ^{1}H(^{62}Cr, ^{62}Cr'), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced $\sigma(2_1^+$-g.s.), β_2. REPT RIKEN 2006 Annual,Pii,Takeshita

2007TEZW NUCLEAR REACTIONS ^{1}H(^{20}O, ^{20}O'), E=300 MeV / nucleon; measured E(particle), I(particle) using thin solid hydrogen target. REPT RIKEN 2006 Annual,P18,Terashima

2007YAZP NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E=53.8 MeV; measured Ep, Ip; deduced excitation function. S-factor to be deduced in future. REPT RIKEN 2006 Annual,P29,Yamaguchi

2008AB23 NUCLEAR REACTIONS ^{1}H(p, p$\pi^-\pi^+$), E=747, 793 MeV; measured missing mass and invariant mass spectra, Ay, Ay(θ), σ, σ(E), $\sigma(\theta)$. Comparison with other data and theory. JOUR ZAANE 37 267

2008AHZZ NUCLEAR REACTIONS ^{2}H(γ, n), E=2.44, 3.5, 4 MeV; measured En, In; deduced fore-aft asymmetry, coefficients of Legendre polynomials, $\sigma(\theta)$ not normalized and compared to older data and theoretical calculations. REPT TUNL-XLII,P98,Ahmed

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2008ELZX NUCLEAR REACTIONS ^{2}H(^{22}O, ^{23}O), E=34 MeV / nucleon; measured En, In, θn, Ep, Ip; deduced J, π of the lowest states. Evidence for disappearance of N=20 shell closure at Z=8. REPT RIKEN 2007 Annual,P11,Elekes

2008KAZR NUCLEAR REACTIONS ^{1}H(^{74}Ni, ^{74}Ni'), E=81 MeV / nucleon; measured Eγ, Iγ; deduced β_2, $\sigma(2^+)$; calculated σ using DWBA. Compared to data for Ni isotopes. REPT RIKEN 2007 Annual,P12,Kanno

2008MI26 NUCLEAR REACTIONS ^{3}He(e, e'2p), (e, e'np), E not given; measured cross sections. JOUR FBSYE 44 171

2008MIZW NUCLEAR REACTIONS ^{1}H(^{36}Mg, ^{34}Mg), ^{1}H(^{36}Mg, ^{35}Mg), ^{1}H(^{36}Mg, ^{36}Mg'), E not given; measured Eγ, Iγ, particle-γ-coin. REPT RIKEN 2007 Annual,P9,Michimasa

2008RA28 NUCLEAR REACTIONS ^{2}H(p, d), E=135 MeV; measured $\sigma(\theta)$, vector analyzing power. JOUR FBSYE 44 27

2008SAZT NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E=71 MeV / nucleon; measured Ip, θ(p), I(particle), θ(particle) on polarized solid proton target. Analyzing power and σ to be deduced in future. REPT RIKEN 2007 Annual,P22,Sakaguchi

2009AB15 NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716

2009AO01 NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), E=42 MeV / nucleon; ^{1}H(^{62}Cr, ^{62}Cr'), E=39 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coin. ^{60}Cr; deduced deformation length. ^{62}Cr; deduced levels, J, π, deformation length. JOUR PRLTA 102 012502

2009DE42 NUCLEAR REACTIONS ^{1}H(^{19}Ne, ^{19}Ne'), (^{15}O, ^{15}O), E=9 MeV / nucleon; measured reaction fragments; deduced $\sigma(\theta)$; JOUR IMPEE 18 2140

2009DY01 NUCLEAR REACTIONS ^{1}H(p, pX)^{1}H, E=0.8-2.0 GeV; measured inclusive mulitipion production σ. Comparison with CELSIUS-WASA data. COSY storage ring and ANKE magnetic spectrometer. JOUR PRLTA 102 192301

2009EL03 NUCLEAR REACTIONS ^{208}Pb(^{20}C, ^{20}C'), E=37.6 MeV / nucleon; ^{1}H(^{20}C, ^{20}C'), E=41.4 MeV / nucleon; measured Eγ, Iγ. ^{20}C; deduced levels, J, π, charge and neutron transition probabilities, B(E2). Comparison with shell model calculations. JOUR PRVCA 79 011302

2009GU17 NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558

2009JO01 NUCLEAR REACTIONS ^{1}H(p, pγ), E=310 MeV; measured p-spectra, σ(E), $\sigma(\theta)$, missing mass; deduced di-proton final state. JOUR PYLBB 673 5

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2009KA29 NUCLEAR REACTIONS ^{3}He(γ, d)(γ, p), E=14-31 MeV; measured proton and deuteron spectra, and differential cross sections as a function of Eγ using tagged-photon facility at MAX-lab. The two-body photodisintegration of ^{3}He investigated. Comparison with previous measurements and theoretical calculations using Faddeev technique. JOUR PRVCA 80 044001

2009KO11 RADIOACTIVITY ^{1}n(β^-); measured transverse polarization of electrons. JOUR PRLTA 102 172301

2009KOZZ NUCLEAR REACTIONS ^{2}H(n, 2n), E=40-60 MeV; measured scattering length a_{nn}. CONF Cheboksary,P48,Konobeevsky

2009MA59 NUCLEAR REACTIONS ^{1}H(polarized p, p'), E=190 MeV; measured bremsstrahlung σ, $\sigma(\theta)$ and relative energy of the two protons. Comparison with two soft-photon models. JOUR ZAANE 41 25

2009MI18 NUCLEAR REACTIONS ^{3}He(e, e'np), E=220-270 MeV; measured Ee, Ie, Ep, Ip and En, In; deduced σ. Continuum Fadeev calculations. JOUR PRLTA 103 152501

2009OR01 NUCLEAR MOMENTS ^{1}H, ^{67}Zn; measured dynamic nuclear polarization. JOUR PRBMD 79 165316

2009PA03 RADIOACTIVITY ^{1}n(β^-); measured β asymmetry parameter. JOUR PRLTA 102 012301

2009TA08 NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319

2009TA31 NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=45.5 MeV / nucleon; measured Eγ, Iγ, γ-γ-coin.; ^{32}Mg deduced level energies, decay and level scheme, J, π, $\sigma(\theta)$, β_2. Secondary beam from ^{40}Ar fragmentation. JOUR IMPEE 18 2025

2009TAZZ NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\sigma(\theta)$. ^{32}Mg; deduced level energies, J, π. REPT RIKEN-NC-NP-32,Takeuchi

2009WIZZ NUCLEAR REACTIONS ^{3}H(^{30}Mg, ^{32}Mg), E=1.83 MeV / nucleon; measured Ep, Ip, θp, E(particle), I(particle), Eγ, Iγ using REX-ISOLDE and MINIBALL; deduced $\sigma(\theta)$; calculated $\sigma(\theta)$ using DWBA. Compared to data. REPT MLL 2008 Annual,P4,Wimmer

2009YA01 NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be'), E=53.8 MeV; measured proton spectra, Eγ, Iγ, (proton)γ-coin, σ(E); deduced astrophysical S-factor. ^{8}B deduced levels, J, π, resonance parameters using R-matrix analysis. Comparison with data. Secondary radioactive beam. JOUR PYLBB 672 230

2009YAZU NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E(cm)≈0.3-6.5 MeV; ^{1}H(^{7}Be, ^{7}Be'), E(cm)≈0.3-6.5 MeV; measured E(particle), I(particle); deduced σ, dσ, resonances in ^{8}B. Presented R-matrix fit of resonances. CONF Tokai (Perspective in Nuc Phys), Proc.P189,Yamaguchi

2009YAZY NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be'), E=53.8 MeV; measured Eγ, Iγ, excitation function, elastic and inelastic $\sigma(\theta)$. ^{8}B; resonance parameters. REPT CNS-REP-81,Yamaguchi

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^{2}n	2008KU19	NUCLEAR REACTIONS ^{2}H(d, 2p), E=13, 248 MeV; measured inclusive break-up cross sections. JOUR FBSYE 44 53
	2009BEZV	NUCLEAR REACTIONS ^{3}H(d, ^{3}He), E=37 MeV; measured ^{3}He spectra at θ(lab)=7.6-31.6 °, dσ / dθ, dσ / dθdE. CONF Cheboksary,P149,Belyuskina
	2009SH18	NUCLEAR REACTIONS ^{1,2}H(n, p), E=0.55-2.00 GeV; measured $\sigma(\theta)$ ratio. Comparison with other data and energy-dependent phase-shift analysis results. JOUR ZAANE 39 267
^{2}H	2007ELZT	NUCLEAR REACTIONS ^{2}H(^{22}O, ^{22}O'), E=34 MeV / nucleon; measured Eγ, Iγ, particle-γ-coin.; calculated σ; deduced β_M deformation. REPT RIKEN 2006 Annual,P17,Elekes
	2007ELZU	NUCLEAR REACTIONS ^{1}H(^{28}Ne, ^{28}Ne'), ^{1}H(^{28}Ne, ^{27}Ne), E not given; measured Eγ, Iγ, particle-γ-coin. REPT RIKEN 2006 Annual,P11,Elekes
	2007KHZS	NUCLEAR REACTIONS ^{1}H(^{6}He, nα), E=70 MeV;^{1}H(^{6}Li, αp), E not given; measured Eα, En, Ep, Ed, particle-particle-coin. Strong di-neutron correlation, solid H target, backward scattering. REPT RIKEN 2006 Annual,P22,Khai
	2007KOZN	NUCLEAR REACTIONS ^{1}H(^{14}Be, n^{12}Be), ^{1}H(^{14}Be, 2n^{12}Be), E=69 MeV / nucleon; measured En, In, E(particle), I(particle); deduced σ. REPT RIKEN 2006 Annual,P27,Kondo
	2008HAZT	NUCLEAR REACTIONS ^{1}H(^{20}C, ^{18}C), ^{1}H(^{20}C, ^{19}C), E≈40 MeV / nucleon; measured E(particle), I(particle); deduced longitudinal momentum distribution. REPT RIKEN 2007 Annual,P16,Hashizume
	2008KOZT	NUCLEAR REACTIONS ^{1}H(^{18}C, ^{17}C), E≈80 MeV / nucleon; ^{1}H(^{19}C, ^{18}C), E≈70 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced transverse momentum distribution. REPT RIKEN 2007 Annual,P8,Kondo
	2008LA17	NUCLEAR REACTIONS ^{2}H(t, pt), (t, 2d), E=35.5 MeV; measured cross sections. ^{3}H(p, p), (p, d); deduced cross sections. JOUR FBSYE 44 353
	2008MIZW	NUCLEAR REACTIONS ^{1}H(^{36}Mg, ^{34}Mg), ^{1}H(^{36}Mg, ^{35}Mg), ^{1}H(^{36}Mg, ^{36}Mg'), E not given; measured Eγ, Iγ, particle-γ-coin. REPT RIKEN 2007 Annual,P9,Michimasa
	2008NIZY	NUCLEAR REACTIONS ^{2}H(^{8}He, ^{8}He'), E=42 MeV / nucleon; measured E(particle), I(particle), Et, It, En, In. Further analysis in progress. REPT RIKEN 2007 Annual,P15,Nikolskii
	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716
	2009BE32	NUCLEAR REACTIONS ^{3}H(d, d'), (d, t), E=37 MeV; measured Id, Ed, It, Et; deduced $\sigma(\theta$, E), $\sigma(\theta)$. JOUR UKPJA 54 658
	2009DI02	NUCLEAR REACTIONS ^{2}H(p, p), E=1.8-3.2 MeV; measured Eπ, Iπ, s(θ). JOUR NIMBE 267 2341

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	2009KO02	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), E=81 MeV / nucleon; ^{1}H(^{18}C, ^{17}C), E=68 MeV / nucleon; measured Eγ, Iγ, σ, (particle)-γ coin, transverse-momentum distributions. ^{17,18}C; deduced levels, J, π. Comparison with continuum-discretized coupled-channel calculations. JOUR PRVCA 79 014602
^{2}He	2007PEZT	NUCLEAR REACTIONS ^{3}He(γ, n), E = 12.8 MeV; measured En, In. Comparison with GEANT4 calculations. REPT TUNL-XLVI,P94,Perdue

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^{3}H	2007MIZN	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), ^{4}He(^{23}F, ^{23}F'), ^{4}He(^{24}F, ^{23}F), ^{4}He(^{25}Ne, ^{23}F), E not given; measured Eγ, Iγ, particle-γ-coin.; deduced level properties J, π, γ decay scheme. REPT RIKEN 2006 Annual,P10,Michimasa
	2007OTZZ	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, particle-γ-coin.; deduced $\sigma(\theta)$; calculated $\sigma(\theta)$ using DWBA with shell-model code OXBASH; deduced deformation of excited states. REPT CNS-REP-76,P17,Ota
	2008HAZT	NUCLEAR REACTIONS ^{1}H(^{20}C, ^{18}C), ^{1}H(^{20}C, ^{19}C), E$\approx$40 MeV / nucleon; measured E(particle), I(particle); deduced longitudinal momentum distribution. REPT RIKEN 2007 Annual,P16,Hashizume
	2008LA17	NUCLEAR REACTIONS ^{2}H(t, pt), (t, 2d), E=35.5 MeV; measured cross sections. ^{3}H(p, p), (p, d); deduced cross sections. JOUR FBSYE 44 353
	2008MIZW	NUCLEAR REACTIONS ^{1}H(^{36}Mg, ^{34}Mg), ^{1}H(^{36}Mg, ^{35}Mg), ^{1}H(^{36}Mg, ^{36}Mg'), E not given; measured Eγ, Iγ, particle-γ-coin. REPT RIKEN 2007 Annual,P9,Michimasa
	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716
	2009BE32	NUCLEAR REACTIONS ^{3}H(d, d'), (d, t), E=37 MeV; measured Id, Ed, It, Et; deduced $\sigma(\theta$, E), $\sigma(\theta)$. JOUR UKPJA 54 658
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
	2009JI03	NUCLEAR REACTIONS ^{2}H(d, p), E not given; measured proton spectrum. JOUR CMPHC 18 1428
	2009LA23	NUCLEAR REACTIONS ^{2}H(d, p), ^{6}Li(d, p), (d, α), ^{7}Li(d, α), (d, ^{5}He), E=100 keV; measured Ep, Ip, Eα, Iα, σ, $\sigma(\theta)$. E(d)=50, 60, 70, 80 MeV was also used. JOUR PRVCA 80 044617
	2009RA32	NUCLEAR REACTIONS ^{2}H(^{20}O, ^{19}O)^{3}H, E=11 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced J, π, $\sigma(\theta)$. Comparison with DWBA calculations. JOUR IMPEE 18 2056

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	2009RO04	NUCLEAR REACTIONS ^{1}H(^{11}Li, ^{9}Li), E=5 MeV / nucleon; measured reaction Q-value using angle-angle kinematical correlations of reaction products and by energy correlations between ^{9}Li recoils and outgoing tritons. JOUR PRVCA 79 031603
^{3}He	2007JAZV	NUCLEAR REACTIONS ^{2}H(polarized d, n), E=270 MeV; measured vector and tensor analyzing powers. REPT JINR-E1-2007-108,Janek
	2008TA31	NUCLEAR REACTIONS ^{1}H(d, γ), E=196 MeV; measured analyzing powers. JOUR FBSYE 44 179
	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716
	2009BYZZ	NUCLEAR REACTIONS ^{2}H(d, n), E=2.2-6.0 keV; measured En, In, σ; deduced upper limit of electronic shielding potential, astrophysical S-factor. CONF Cheboksary,P104, Bystritsky
	2009HU14	NUCLEAR REACTIONS ^{3}He(n, n), E=reactor spectrum; measured En, In, neutron spectra;deduced neutron polarization, spin-dependent scattering length. JOUR NIMAE 611 235

A=4

^{4}n	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E$\approx$42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E$\approx$71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
^{4}H	2008GUZU	NUCLEAR REACTIONS ^{11}B(π^-, tα), (π^-, t^{3}He), ^{10}B(π^-, dα), E at rest; measured missing-mass spectra. ^{4}H, ^{5}H; deduced excited state energies. LAMPF, two-channel spectrometer. CONF Moscow,P80,Gurov
	2009GU03	NUCLEAR REACTIONS ^{10,11}B(π^-, X)^{4}H / ^{5}H, E not given; measured particle, missing-mass spectra; Observed resonance states; deduced resonance parameters. JOUR BRSPE 73 139
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), ($\pi^{-,3}$He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B($\pi^{-,3}$He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{4}He	2007MIZN	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), ^{4}He(^{23}F, ^{23}F'), ^{4}He(^{24}F, ^{23}F), ^{4}He(^{25}Ne, ^{23}F), E not given; measured Eγ, Iγ, particle-γ-coin.; deduced level properties J, π, γ decay scheme. REPT RIKEN 2006 Annual,P10,Michimasa
	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716
	2009FUZZ	NUCLEAR REACTIONS ^{4}He(n, n'), E=thermal; Ar(n, n'), E=thermal; measured In, TOF; deduced $\sigma(^{4}$He) / σ(Ar); ^{1}n(n, n'), E=thermal; measured In, TOF; deduced n-n scattering length. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P53,Furman

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	2009GR07	RADIOACTIVITY ^{6}Be, ^{45}Fe(2p); measured energy and angular correlation distributions. JOUR PYLBB 677 30
	2009GR11	RADIOACTIVITY ^{6}Be(2p)[from ^{10}C(α)]; measured Ep, Iπ, angular distributions. JOUR PRVCA 80 034602
	2009KE03	NUCLEAR REACTIONS ^{2}H(d, 2π^{0}), (d, $\pi^{+}\pi^{-}$), E=712, 1029 MeV; measured $\sigma(\theta)$, invariant mass spectra, energy spectra and other reaction observables. Comparison with simplified $\Delta\Delta$ model and earlier results. JOUR NUPAB 825 71
	2009LA23	NUCLEAR REACTIONS ^{2}H(d, p), ^{6}Li(d, p), (d, α), ^{7}Li(d, α), (d, ^{5}He), E=100 keV; measured Ep, Ip, Eα, Iα, σ, $\sigma(\theta)$. E(d)=50, 60, 70, 80 MeV was also used. JOUR PRVCA 80 044617
	2009OL01	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{4}He, E at 3.25 GeV / c per nucleon; measured cross sections. JOUR PANUE 72 77

A=5

^{5}H	2008GUZU	NUCLEAR REACTIONS ^{11}B(π^{-}, tα), (π^{-}, t^{3}He), ^{10}B(π^{-}, dα), E at rest; measured missing-mass spectra. ^{4}H, ^{5}H; deduced excited state energies. LAMPF, two-channel spectrometer. CONF Moscow,P80,Gurov
	2009GU03	NUCLEAR REACTIONS ^{10,11}B(π^{-}, X)^{4}H / ^{5}H, E not given; measured particle, missing-mass spectra; Observed resonance states; deduced resonance parameters. JOUR BRSPE 73 139
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^{-}, p), ^{12}C(π^{-}, t), (π^{-}, d), (π^{-},^{3}He), (π^{-}, pd), (π^{-}, 2d), (π^{-}, 2t), ^{10}B(π^{-}, tα), ^{11}B(π^{-},^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{5}He	2007MIZN	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), ^{4}He(^{23}F, ^{23}F'), ^{4}He(^{24}F, ^{23}F), ^{4}He(^{25}Ne, ^{23}F), E not given; measured Eγ, Iγ, particle-γ-coin.; deduced level properties J, π, γ decay scheme. REPT RIKEN 2006 Annual,P10,Michimasa
	2008AKZZ	NUCLEAR REACTIONS ^{6}Li(γ, p), E not given; measured En, In; deduced $\sigma(\theta)$. CONF Cappadocia (Nuclear Physics and Astrophysics),P270,Akkurt
	2009AK03	NUCLEAR REACTIONS ^{1}H(^{8}He, np), E=240 MeV / nucleon; measured fragment spectra, neutron spectra, relative energy spectra; deduced spectroscopic factor; ^{12}C(^{6}He, Xn)^{5}He, E=240 MeV / nucleon; ^{12}C(^{8}He, Xn)^{7}He, E=227 MeV / nucleon; analyzed fragment spectra, neutron spectra, relative energy spectra; deduced resonance parameters using R-matrix analysis, configurations, reaction mechanism features. JOUR PYLBB 679 191
	2009LA23	NUCLEAR REACTIONS ^{2}H(d, p), ^{6}Li(d, p), (d, α), ^{7}Li(d, α), (d, ^{5}He), E=100 keV; measured Ep, Ip, Eα, Iα, σ, $\sigma(\theta)$. E(d)=50, 60, 70, 80 MeV was also used. JOUR PRVCA 80 044617

A=6

^{6}H	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E≈42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E≈71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{6}He	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, $\sigma(\theta$, p). JOUR BRSPE 73 716
	2009GO01	NUCLEAR REACTIONS ^{3}H(^{6}He, p), E=25 MeV / nucleon; ^{3}H(^{8}He, p), E=27.4 MeV / nucleon; measured fragment, proton energies, (fragment)(proton)-coin and missing mass spectra; deduced σ. ^{6,8}He deduced ground state energies, E1 strength distribution. Comparison with other data and calculations. Secondary radioactive beam. JOUR PYLBB 672 22
^{6}Li	2007MIZN	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), ^{4}He(^{23}F, ^{23}F'), ^{4}He(^{24}F, ^{23}F), ^{4}He(^{25}Ne, ^{23}F), E not given; measured Eγ, Iγ, particle-γ-coin.; deduced level properties J, π, γ decay scheme. REPT RIKEN 2006 Annual,P10,Michimasa
	2008BUZV	NUCLEAR REACTIONS ^{6,7}Li(p, p), (d, d), (^{3}He, ^{3}He), (α, α), E=72 MeV; measured $\sigma(\theta)$. CONF Cappadocia (Nuclear Physics and Astrophysics),P203,Burtebayev
	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K$^-$, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009BR10	ATOMIC MASSES ^{6,7}Li; measured frequency ratio using the TITAN Penning trap mass spectrometer at ISAC-TRIUMF facility. ^{6}Li; deduced mass. Comparisons with previous measurements and AME-2003 evaluation. JOUR PRVCA 80 044318
	2009CH39	NUCLEAR REACTIONS ^{6,7}Li(n, xn), (n, n), (n, n'), E = 8.17, 10.27 MeV; measured En, In using TOF; deduced $\sigma(\theta$, E). Comparison with Monte Carlo simulation. JOUR NSENA 163 272
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558

A=6 *(continued)*

	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
^{6}Be	2009GR07	RADIOACTIVITY ^{6}Be, ^{45}Fe(2p); measured energy and angular correlation distributions. JOUR PYLBB 677 30
	2009GR11	RADIOACTIVITY ^{6}Be(2p)[from ^{10}C(α)]; measured Ep, Iπ, angular distributions. JOUR PRVCA 80 034602

A=7

^{7}H	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{7}He	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E$\approx$42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E$\approx$71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
	2008NIZZ	NUCLEAR REACTIONS ^{2}H(^{8}He, t), E=42 MeV / nucleon;^{2}H(^{12}Be, t), E=71 MeV / nucleon; measured Et, It, particle-particle-coin.; deduced J, π of some levels. REPT RIKEN 2007 Annual,P14,Nikolskii
	2009AK03	NUCLEAR REACTIONS ^{1}H(^{8}He, np), E=240 MeV / nucleon; measured fragment spectra, neutron spectra, relative energy spectra; deduced spectroscopic factor; ^{12}C(^{6}He, Xn)^{5}He, E=240 MeV / nucleon; ^{12}C(^{8}He, Xn)^{7}He, E=227 MeV / nucleon; analyzed fragment spectra, neutron spectra, relative energy spectra; deduced resonance parameters using R-matrix analysis, configurations, reaction mechanism features. JOUR PYLBB 679 191
^{7}Li	2007ISZX	NUCLEAR REACTIONS ^{2}H(^{8}Li, t), E(cm)=0.3, 0.4, 0.5, 0.7, 0.8, 1.0, 1.1 MeV; measured E(particle), I(particle); deduced σ, reaction rate. Compared to other data. REPT JAEA-Review 2007-046,P47,Ishiyama
	2008BUZV	NUCLEAR REACTIONS ^{6,7}Li(p, p), (d, d), (^{3}He, ^{3}He), (α, α), E=72 MeV; measured $\sigma(\theta)$. CONF Cappadocia (Nuclear Physics and Astrophysics),P203,Burtebayev
	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2008LA18	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), (^{10}B, pα), E=27 MeV; measured Eα, Iα, fragment spectra, cross sections. ^{11}B(p, α), ^{10}B(n, α); deduced S-factors. JOUR NIFBA 31 423

A=7 *(continued)*

	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K$^-$, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009BR10	ATOMIC MASSES ^{6,7}Li; measured frequency ratio using the TITAN Penning trap mass spectrometer at ISAC-TRIUMF facility. ^{6}Li; deduced mass. Comparisons with previous measurements and AME-2003 evaluation. JOUR PRVCA 80 044318
	2009CH39	NUCLEAR REACTIONS ^{6,7}Li(n, xn), (n, n), (n, n'), E = 8.17, 10.27 MeV; measured En, In using TOF; deduced $\sigma(\theta$, E). Comparison with Monte Carlo simulation. JOUR NSENA 163 272
	2009HA11	NUCLEAR REACTIONS ^{2}H(^{8}Li, t), E=0.18, 0.24, 0.30, 0.40, 0.46, 0.60, 0.75 MeV / nucleon; measured charged-particle spectra, σ, $\sigma(\theta)$, σ(E); deduced ^{7}Li excitation energy spectra, astrophysical reaction rate. Comparison with other data. JOUR PYLBB 674 276
	2009ISZZ	NUCLEAR REACTIONS ^{8}Li(α, n), E(cm)=0.7-2.6 MeV; ^{8}Li(d, t), E=0.3-1.2 MeV / nucleon; ^{12}B(α, n), E(cm)=1.1-3.6 MeV; measured E(particle), I(particle); deduced σ, reaction rates. Compared to other data and predictions, discussed reaction paths of r-process. CONF Tokai (Perspective in Nuc Phys), Proc.P177,Ishiyama
	2009LA23	NUCLEAR REACTIONS ^{2}H(d, p), ^{6}Li(d, p), (d, α), ^{7}Li(d, α), (d, ^{5}He), E=100 keV; measured Ep, Ip, Eα, Iα, σ, $\sigma(\theta)$. E(d)=50, 60, 70, 80 MeV was also used. JOUR PRVCA 80 044617
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
^{7}Be	2007GYZY	NUCLEAR REACTIONS ^{3}He(α, γ), E(cm) = 93, 106, 170 keV; measured Eγ, Iγ; deduced σ, s-factor, reaction rate uncertainty. REPT ATOMKI 2007 Annual,P21,Gyurky
	2008CO12	NUCLEAR REACTIONS ^{3}He(α, γ), E=220, 250, 400 keV; measured Eγ, Iγ, σ, branching ratio; deduced astrophysical S-factor. Prompt-γ technique, HPGe detector in the Gran Sasso underground laboratory. Comparison with other data. JOUR NUPAB 814 144
	2009KI05	NUCLEAR REACTIONS ^{7}Li(p, n), E=2.5 MeV; Measured neutron spectra, $\sigma(\theta)$. Dosimetric characterization of therapeutic neutron beam. JOUR ARISE 67 1173
	2009NO02	NUCLEAR MOMENTS ^{7,9,10,11}Be; measured isotope shifts; deduced nuclear charge radii. JOUR PRLTA 102 062503
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609

A=7 *(continued)*

	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
	2009WAZY	RADIOACTIVITY ^{7,11}Be; measured laser-microwave spectra; deduced hyperfine splittings, nuclear magnetic moment, magnetization radii. Ion trap at SLOWRI facility. CONF Tokai (Perspective in Nuc Phys), Proc.P109,Wade

A=8

^{8}He	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E≈42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E≈71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
	2009AB15	NUCLEAR REACTIONS Be(C, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{6}He / ^{8}He, E=301.6 MeV / nucleon; measured fragment distributions, momenta; deduced yields, σ(θ, p). JOUR BRSPE 73 716
	2009CH29	NUCLEAR REACTIONS ^{3}H(^{6}He, p), ^{3}H(^{8}He, p), E=25 MeV; measured mass spectrum; deduced J, π, level energies. JOUR APOBB 40 899
	2009GO01	NUCLEAR REACTIONS ^{3}H(^{6}He, p), E=25 MeV / nucleon; ^{3}H(^{8}He, p), E=27.4 MeV / nucleon; measured fragment, proton energies, (fragment)(proton)-coin and missing mass spectra; deduced σ. ^{6,8}He deduced ground state energies, E1 strength distribution. Comparison with other data and calculations. Secondary radioactive beam. JOUR PYLBB 672 22
	2009GR03	NUCLEAR REACTIONS ^{3}H(^{6}He, p), E not given; measured Ep, Ip, cross sections. Deduced B(E1). JOUR PPNLA 6 118
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{8}Li	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, σ(θ), analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
^{8}Be	2007FRZT	NUCLEAR REACTIONS ^{11}B(p, α), E = 1.2-2.74 MeV; measured Eα, Iα; deduced σ(θ) at resonances. REPT TUNL-XLVI,P72,France

A=8 *(continued)*

	2008ARZU	NUCLEAR REACTIONS ^{9}Be(γ, n), E=1.55-5 MeV; measured Eγ, Iγ, En, In at36 different energies. Data to be analyzed. REPT TUNL-XLII,P118,Arnold
	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2008LA18	NUCLEAR REACTIONS ^{2}H(^{11}B, nα), (^{10}B, pα), E=27 MeV; measured Eα, Iα, fragment spectra, cross sections. ^{11}B(p, α), ^{10}B(n, α); deduced S-factors. JOUR NIFBA 31 423
	2008TO16	NUCLEAR REACTIONS H, O(^{12}C, X)^{8}Be / ^{9}B, E=200-400 MeV / nucleon; measured σ. JOUR PRVCA 78 067602
	2009CH15	NUCLEAR REACTIONS ^{9}Be(n, n'), (n, 2n), E=5.9, 6.4 MeV; measured $\sigma(\theta$, E). Compared results to model calculations and evaluated databases. JOUR ANEND 36 668
	2009CO01	NUCLEAR REACTIONS ^{12}C(p, pα), E=101 MeV; measured cross section and analyzing power. JOUR EULEE 85 22001
	2009MA21	NUCLEAR REACTIONS ^{12}C(polarized p, pα)^{8}Be, E=100 MeV; measured particle spectra, (particle)(particle)-coin, σ, $\sigma(\theta)$, vector analyzing powers; deduced energy sharing cross sections with different optical potential model parameters and spectroscopic factors. Distorted-wave impulse approximation (DWIA) analysis. JOUR PRVCA 79 054612
	2009PA05	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{6}He), E=20, 25 MeV; measured $\sigma(\theta)$. Compared results to model calculations. JOUR PRAMC 72 363
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
^{8}B	2009YA01	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be'), E=53.8 MeV; measured proton spectra, Eγ, Iγ, (proton)γ-coin, σ(E); deduced astrophysical S-factor. ^{8}B deduced levels, J, π, resonance parameters using R-matrix analysis. Comparison with data. Secondary radioactive beam. JOUR PYLBB 672 230
	2009YAZY	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be'), E=53.8 MeV; measured Eγ, Iγ, excitation function, elastic and inelastic $\sigma(\theta)$. ^{8}B; resonance parameters. REPT CNS-REP-81,Yamaguchi

A=9

^{9}Li	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2009GE04	NUCLEAR REACTIONS ^{7}Li(t, p), E-5.0-11.3 MeV; measured β-delayed neutron yield, excitation function. JOUR BRSPE 73 156

A=9 *(continued)*

	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
^{9}Be	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2008ONZZ	NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{18}C'), E=72, 79 MeV / nucleon; ^{9}Be(^{16}C, ^{16}C'), E=40, 72, 79 MeV / nucleon; measured Eγ, Iγ; deduced $T_{1/2}$, B(E2). RSM concept. REPT RIKEN 2007 Annual,P10,Ong
	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K$^-$, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009CH15	NUCLEAR REACTIONS ^{9}Be(n, n'), (n, 2n), E=5.9, 6.4 MeV; measured $\sigma(\theta$, E). Compared results to model calculations and evaluated databases. JOUR ANEND 36 668
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558
	2009KO09	NUCLEAR REACTIONS ^{11}B(d, p), (d, α), E=900-1200 keV; measured $\sigma(\theta$, E). JOUR NIMBE 267 1740
	2009MA16	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, n^{47}Ca), (^{56}Ti, n^{55}Ti), E=450 MeV / nucleon; measured σ, Eγ, Iγ, (recoil)γ-coin after Doppler correction, momentum distributions. ^{47}Ca, ^{55}Ti; deduced J, π, levels. Comparison with shell-model calculations. FRS with secondary beam and MINIBALL array. JOUR PYLBB 675 22
	2009NO02	NUCLEAR MOMENTS ^{7,9,10,11}Be; measured isotope shifts; deduced nuclear charge radii. JOUR PRLTA 102 062503
	2009PIZY	NUCLEAR REACTIONS ^{9}Be(^{7}Be, ^{7}Be), E=23.7 MeV; measured E(particle), I(particle), θ(particle); deduced dσ, optical model parameters; calculated using optical model and coupled channels. CONF Brazil (Nuclear Physics 2008) Proc. P123,Pires
	2009RI03	ATOMIC MASSES ^{9,10,11}Be [from Rb, Sr, Ta(p, X), E=500 MeV]; measured masses using the TITAN Penning trap mass spectrometer at TRIUMF. ^{11}Be; deduced single-neutron separation energy. Comparison with AME2003. JOUR PYLBB 675 170

A=9 *(continued)*

	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
^{9}B	2008TO16	NUCLEAR REACTIONS H, O(^{12}C, X)^{8}Be / ^{9}B, E=200-400 MeV / nucleon; measured σ. JOUR PRVCA 78 067602
	2009GA09	NUCLEAR REACTIONS ^{9}Be(^{46}Cl, ^{46}S), (^{48}K, ^{48}Ar), E $\geq$ 85 MeV / nucleon; measured Eγ, Iγ, inclusive σ, yields, longitudial momentum distributions; ^{46}S, ^{48}Ar; deduced level energies. Comparisons with Large-scale shell-model calculations using SDPF-NR effective interaction. JOUR PRLTA 102 182502
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604

A=10

^{10}He	2009CH29	NUCLEAR REACTIONS ^{3}H(^{6}He, p), ^{3}H(^{8}He, p), E=25 MeV; measured mass spectrum; deduced J, π, level energies. JOUR APOBB 40 899
	2009GO01	NUCLEAR REACTIONS ^{3}H(^{6}He, p), E=25 MeV / nucleon; ^{3}H(^{8}He, p), E=27.4 MeV / nucleon; measured fragment, proton energies, (fragment)(proton)-coin and missing mass spectra; deduced σ. ^{6,8}He deduced ground state energies, E1 strength distribution. Comparison with other data and calculations. Secondary radioactive beam. JOUR PYLBB 672 22
^{10}Be	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2008MAZP	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, ^{47}Ca), ^{9}Be(^{56}Ti, ^{55}Ti), E=high; measured Eγ, Iγ, E(^{47}Ca), E(^{55}Ti); deduced momentum distribution. REPT MLL 2007 Annual,P6,Maierbeck
	2009GU17	NUCLEAR REACTIONS ^{9}Be(π^-, p), ^{12}C(π^-, t), (π^-, d), (π^-,^{3}He), (π^-, pd), (π^-, 2d), (π^-, 2t), ^{10}B(π^-, tα), ^{11}B(π^-,^{3}He^{7}H), E at rest;^{4,5,6,7}H; measured missing-mass spectra; deduced level structures in ^{4,5,6}H, evidence for ^{7}H. JOUR PPNUE 40 558

A=10 ***(continued)***

	2009HA01	NUCLEAR REACTIONS ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured ^{14}O spectra, ^{10}Be-^{14}O coin, energies and angles of ^{10}Be fragments, branching ratios, widths, neutron energies, neutron decay of excited states of ^{11}Be to ^{10}Be. ^{10,11}Be; deduced levels, J, π. R-matrix formalism. JOUR PRVCA 79 014302
	2009MA54	RADIOACTIVITY ^{11}Li(β^-), (β^-n) [from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives by line-shape method using 8pi array. ^{10,11}Be; deduced levels, J, π, branching ratios, B(E1), delayed neutron emission probabilities. JOUR PRVCA 80 034318
	2009MAZX	NUCLEAR REACTIONS ^{9}Be(^{50}Ca, ^{49}Ca), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced σ, momentum distribution, L, J, π of so-far unobserved state in ^{49}Ca; calculated momentum distribution. REPT MLL 2008 Annual,P5,Maierbeck
	2009MC02	NUCLEAR REACTIONS ^{7}Li(^{7}Li, α)^{10}Be, E=8, 10 MeV; measured Eγ, Iγ; deduced lifetime, B(E2) values for ^{10}Be. DSAM technique, comparison with ab initio calculations. JOUR PRLTA 103 192501
	2009NO02	NUCLEAR MOMENTS ^{7,9,10,11}Be; measured isotope shifts; deduced nuclear charge radii. JOUR PRLTA 102 062503
	2009RI03	ATOMIC MASSES ^{9,10,11}Be [from Rb, Sr, Ta(p, X), E=500 MeV]; measured masses using the TITAN Penning trap mass spectrometer at TRIUMF. ^{11}Be; deduced single-neutron separation energy. Comparison with AME2003. JOUR PYLBB 675 170
	2009RI04	NUCLEAR REACTIONS ^{9}Be(^{45}Cl, ^{44}Cl), E=99.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin and parallel momentum distributions. ^{44}Cl; deduced levels, J, π, half-life, cross section. One-neutron knockout reaction. Comparison with shell model calculations. JOUR PRVCA 79 051303
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{10}B	2008UR03	NUCLEAR REACTIONS ^{11}B(^{3}He, α), E=15 MeV; measured reaction products; deduced Q-value spectra, isobaric analogue states. JOUR IMPEE 17 2345
	2009BA06	RADIOACTIVITY ^{10}C(β^+) [from ^{10}B(p, n), E=5.2 MeV]; measured β spectra, half-life; deduced ft value. JOUR PRVCA 79 024311
	2009CH38	NUCLEAR REACTIONS Be, C(^{10}C, X), E=10.7 MeV / nucleon; measured fragment spectra, $\sigma(\theta)$, proton-proton angular correlations, widths, σ, energy distributions of diproton, sequential two-proton, 2p+2α, p+3α and other cluster particle-decay modes from ground and excited resonant states. ^{10}B, ^{10}C, ^{13}N; deduced levels, J, π, resonances, particle decay modes. Resonance-decay spectroscopic techniques. Monte Carlo analysis of energy distributions. Comparison with two-proton decay modes from ^{6}Be and ^{45}Fe. JOUR PRVCA 80 024306

A=10 ***(continued)***

	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{10}C	2008SHZV	NUCLEAR REACTIONS ^{9}B(^{18}O, ^{17}N), E not given; measured Iβ, $\theta(\beta)$, β decay asymmetry from polarized ^{17}N using β-NMR technique. REPT RIKEN 2007 Annual,P23,Shimada
	2009BA06	RADIOACTIVITY ^{10}C(β^+) [from ^{10}B(p, n), E=5.2 MeV]; measured β spectra, half-life; deduced ft value. JOUR PRVCA 79 024311
	2009CH38	NUCLEAR REACTIONS Be, C(^{10}C, X), E=10.7 MeV / nucleon; measured fragment spectra, $\sigma(\theta)$, proton-proton angular correlations, widths, σ, energy distributions of diproton, sequential two-proton, 2p+2α, p+3α and other cluster particle-decay modes from ground and excited resonant states. ^{10}B, ^{10}C, ^{13}N; deduced levels, J, π, resonances, particle decay modes. Resonance-decay spectroscopic techniques. Monte Carlo analysis of energy distributions. Comparison with two-proton decay modes from ^{6}Be and ^{45}Fe. JOUR PRVCA 80 024306
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009GR07	NUCLEAR REACTIONS ^{1}H(^{10}B, n), E not given; Ni(^{58}Ni, X)^{45}Fe, E=161 MeV / nucleon; measured Ep, Ip, Eα, Iα, product energy and angular correlation distributions in a kinematically complete experiment. Comparison with three-body cluster model. JOUR PYLBB 677 30
	2009GR11	NUCLEAR REACTIONS ^{1}H(^{10}B, n)^{10}C, E=15 MeV / nucleon; measured Ep, Ip, Eα, Iα, energy and angular correlation distributions in a kinematically complete experiment. Comparison with three-body cluster model. JOUR PRVCA 80 034602

A=11

^{11}Li	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E≈42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E≈71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
	2008NAZY	NUCLEAR REACTIONS Pb(^{11}Li, 2n^{9}Li), E=70 MeV / nucleon; measured neutron-neutron correlations. ^{11}Li; deduced B(E1) distribution. CONF Cappadocia (Nuclear Physics and Astrophysics),P88,Nakamura
	2009BAZT	RADIOACTIVITY ^{18}Ne(β^+), ^{11}Li(β^-), A=160(β^+) [from TRIUMF-ISAC]; ^{18}F(β^+) [from ^{18}Ne]; measured Eβ, Iβ, Eγ, Iγ, β-γ-coin.; deduced J, π, transition strengths. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P19,Ball
	2009GA24	ATOMIC MASSES ^{11}Li; measured mass and two-neutron separation energy. ^{11,12}Be; measured mass. Mistral spectrometer at Isolde. Comparison with various models and other data. JOUR NUPAB 826 1
	2009MA31	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured Eβ, Iβ, Eα, Iα, (charged-particle)(charged-particle)-coin in a kinematically complete experiment; deduced B(GT). ^{11}Be; deduced level energy, J, π using Monte Carlo. Comparison with shell model calculations. JOUR PYLBB 677 255
	2009MA54	RADIOACTIVITY ^{11}Li(β^-), (β^-n) [from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives by line-shape method using 8pi array. ^{10,11}Be; deduced levels, J, π, branching ratios, B(E1), delayed neutron emission probabilities. JOUR PRVCA 80 034318
	2009RO04	ATOMIC MASSES ^{11}Li; deduced mass and S(2n) from measured Q-value for ^{1}H(^{11}Li, ^{9}Li) reaction. JOUR PRVCA 79 031603
^{11}Be	2007NIZW	NUCLEAR REACTIONS ^{2}H(^{8}He, t), ^{2}H(^{8}He, α), ^{2}H(^{8}He, ^{6}Li), ^{2}H(^{8}He, dα), ^{2}H(^{8}He, t), E≈42 MeV / nucleon;^{2}H(^{12}Be, ^{3}He), ^{2}H(^{12}Be, ^{6}Li), ^{2}H(^{12}Be, dα), ^{2}H(^{12}Be, t), E≈71 MeV / nucleon; measured E(particle), I(particle), particle-particle-coin. REPT RIKEN 2006 Annual,P21,Nikolskii
	2008CAZX	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E ∼ 8 MeV / nucleon; measured single-particle states, excitation energy spectra. CONF Cappadocia (Nuclear Physics and Astrophysics),P249,Cavallaro
	2008NIZZ	NUCLEAR REACTIONS ^{2}H(^{8}He, t), E=42 MeV / nucleon;^{2}H(^{12}Be, t), E=71 MeV / nucleon; measured Et, It, particle-particle-coin.; deduced J, π of some levels. REPT RIKEN 2007 Annual,P14,Nikolskii
	2009BAZT	RADIOACTIVITY ^{18}Ne(β^+), ^{11}Li(β^-), A=160(β^+) [from TRIUMF-ISAC]; ^{18}F(β^+) [from ^{18}Ne]; measured Eβ, Iβ, Eγ, Iγ, β-γ-coin.; deduced J, π, transition strengths. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P19,Ball
	2009GA24	ATOMIC MASSES ^{11}Li; measured mass and two-neutron separation energy. ^{11,12}Be; measured mass. Mistral spectrometer at Isolde. Comparison with various models and other data. JOUR NUPAB 826 1

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

	2009HA01	NUCLEAR REACTIONS ^{9}Be(^{16}O, ^{14}O), E=234 MeV; measured ^{14}O spectra, ^{10}Be-^{14}O coin, energies and angles of ^{10}Be fragments, branching ratios, widths, neutron energies, neutron decay of excited states of ^{11}Be to ^{10}Be. ^{10,11}Be; deduced levels, J, π. R-matrix formalism. JOUR PRVCA 79 014302
	2009MA31	RADIOACTIVITY ^{11}Li(β^-) [from Ta(p, X), E=1.4 GeV]; measured Eβ, Iβ, Eα, Iα, (charged-particle)(charged-particle)-coin in a kinematically complete experiment; deduced B(GT). ^{11}Be; deduced level energy, J, π using Monte Carlo. Comparison with shell model calculations. JOUR PYLBB 677 255
	2009MA54	RADIOACTIVITY ^{11}Li(β^-), (β^-n) [from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives by line-shape method using 8pi array. ^{10,11}Be; deduced levels, J, π, branching ratios, B(E1), delayed neutron emission probabilities. JOUR PRVCA 80 034318
	2009NO02	NUCLEAR MOMENTS ^{7,9,10,11}Be; measured isotope shifts; deduced nuclear charge radii. JOUR PRLTA 102 062503
	2009RI03	ATOMIC MASSES ^{9,10,11}Be [from Rb, Sr, Ta(p, X), E=500 MeV]; measured masses using the TITAN Penning trap mass spectrometer at TRIUMF. ^{11}Be; deduced single-neutron separation energy. Comparison with AME2003. JOUR PYLBB 675 170
	2009WAZY	RADIOACTIVITY ^{7,11}Be; measured laser-microwave spectra; deduced hyperfine splittings, nuclear magnetic moment, magnetization radii. Ion trap at SLOWRI facility. CONF Tokai (Perspective in Nuc Phys), Proc.P109,Wade
^{11}B	2008KA44	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α), E=388 MeV; measured Eα, Iα; deduced $\sigma(\theta)$, B(E0). Comparison with DWBA calculations. JOUR IMPEE 17 2071
	2008ME15	NUCLEAR REACTIONS ^{12}C, ^{40}Ca, ^{93}Nb, Pb(polarized γ, pπ^0), E=0.6-2.2 GeV bremsstrahlung; measured invariant- and missing-mass spectra, η-meson production σ, $\sigma(\theta)$. Comparison with BUU transport model and other data. JOUR ZAANE 38 195
	2008RUZX	NUCLEAR REACTIONS ^{11}B(γ, γ'), E not given; measured Iγ, Eγ at different angles using HIγS facility; deduced asymmetry, δ for transitions at 4.444, 5.019 and 8.916 MeV. REPT TUNL-XLII,P114,Rusev
	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K^-, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009BA42	NUCLEAR REACTIONS ^{12}C(^{8}Li, ^{8}Li), (^{8}Li, ^{9}Be)^{11}B, E=23.9 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced spectroscopic factors. Optical-model analysis with Woods-Saxon and double-folding Sao Paulo potential. Coupled-channel analysis for breakup and inelastic channels. Comparison of spectroscopic factors with shell-model calculations and previous experimental data. JOUR PRVCA 80 034617
	2009GA19	NUCLEAR REACTIONS ^{13}C(d, α), E=15.3 MeV; measured Eα, Iα; deduced $\sigma(\theta)$, formation of excited states in ^{11}B. Comparison with calculations, optical potential parameters. JOUR BRSPE 73 806

A=11 *(continued)*

	2009ISZZ	NUCLEAR REACTIONS ^{8}Li(α, n), E(cm)=0.7-2.6 MeV; ^{8}Li(d, t), E=0.3-1.2 MeV / nucleon; ^{12}B(α, n), E(cm)=1.1-3.6 MeV; measured E(particle), I(particle); deduced σ, reaction rates. Compared to other data and predictions, discussed reaction paths of r-process. CONF Tokai (Perspective in Nuc Phys), Proc.P177,Ishiyama
	2009LI27	NUCLEAR REACTIONS ^{12}C(^{6}He, ^{7}Li), E = 34.6 MeV; measured $\sigma(\theta)$. comparison with DWBA calculation. JOUR CPLEE 26 072401
	2009RO10	NUCLEAR REACTIONS ^{7}Li(^{10}B, X)^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{9}Be / ^{10}Be / ^{10}B / ^{11}B, E=51 MeV; measured particle spectra. ^{7}Li(^{10}B, ^{9}Be), E=51 MeV; ^{10}Be(^{7}Li, ^{9}Be), E=24 MeV; measured ^{9}Be spectra, $\sigma(\theta)$, analysis by coupled-reaction-channels method using optical potentials of Woods-Saxon type. ^{8}Be; deduced levels, J, π. JOUR PRVCA 79 054609
	2009RU04	NUCLEAR REACTIONS ^{11}B(polarized γ, γ'), E=1-100 MeV; measured Eγ, Iγ, azimuthal asymmetries; deduced levels, mixing ratios. JOUR PRVCA 79 047601
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{11}C	2007STZR	NUCLEAR REACTIONS ^{10}B(d, n), E < 160 keV; measured In; deduced σ, s-factor. REPT TUNL-XLVI,P70,Stave

A=12

^{12}Be	2008BO37	NUCLEAR REACTIONS ^{14}C(^{12}C, ^{14}O), ^{10}Be(^{14}N, ^{12}N), ^{9}Be(^{12}C, ^{9}C), (^{15}N, ^{12}N), E=231, 216, 231, 240 MeV; measured reaction products; deduced ^{12}Be energy levels, J, π. JOUR IMPEE 17 2067
	2009GA24	ATOMIC MASSES ^{11}Li; measured mass and two-neutron separation energy. ^{11,12}Be; measured mass. Mistral spectrometer at Isolde. Comparison with various models and other data. JOUR NUPAB 826 1
	2009IM01	NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=42.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}Be deduced levels, $T_{1/2}$, B(E2), deformation length. Doppler shift attenuation method. JOUR PYLBB 673 179
	2009IMZY	RADIOACTIVITY ^{12}Be; measured Eγ, Iγ using Doppler attenuation; deduced proton matrix element, neutron quadrupole matrix element. Indication of a loss of magicity at N=8. CONF Tokai (Perspective in Nuc Phys), Proc.P265,Imai
	2009IMZZ	NUCLEAR REACTIONS Au(^{12}Be, ^{12}Be'), E=43 MeV / nucleon; measured Eγ, Iγ, Half-life of 2^{+} state using the DSA method. ^{12}Be; deduced B(E2). REPT RIKEN-NC-NP-31,Imai

A=12 *(continued)*

^{12}B	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2008HY03	NUCLEAR REACTIONS ^{1}H(^{12}C, X)^{12}N, ^{2}H(^{11}B, X)^{12}B, E not given; measured Eα, Iα; deduced branching ratios, Gamow-Teller transition strengths. JOUR IMPEE 17 2182
	2009DI06	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; measured Eα, Eγ, $\alpha\alpha\alpha$-coin. ^{12}C; deduced levels, J, π, triple-α continuum states and their decay modes. R-matrix analysis. JOUR PRVCA 80 034316
	2009HY01	NUCLEAR REACTIONS ^{1}H(^{12}C, n), ^{2}H(^{11}B, p), ^{12}C(p, n), ^{11}B(d, p), E not given; measured Eγ, Iγ, Eα, Iα, $\gamma\alpha$-coin, $\alpha\alpha$-coin, decay spectra; deduced branching ratio, log ft, B(GT) to various ^{12}C states. Comparison with no-core shell model calculations. JOUR PYLBB 678 459
	2009HY01	RADIOACTIVITY ^{12}B(β^-), ^{12}N(β^+); deduced branching ratio, log ft, B(GT) to various ^{12}C states. Comparison with no-core shell model calculations. JOUR PYLBB 678 459
	2009HY02	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; ^{20}Na(β^+)[from ^{24}Mg(p, nα), E not given]; measured Eα, Iα, Eγ, Iγ, Eβ, $\beta\gamma$-, $\beta\alpha$-, $\alpha\alpha\alpha$-coin. ^{12}C, ^{20}Ne; deduced levels, β feedings, and logft. Triple-α method and R-matrix analysis. IGISOL-JYFL facility. JOUR PRVCA 80 044304
	2009KO09	NUCLEAR REACTIONS ^{11}B(d, p), (d, α), E=900-1200 keV; measured $\sigma(\theta$, E). JOUR NIMBE 267 1740
	2009LE09	NUCLEAR REACTIONS ^{12}C, ^{16}O(ν, π^0), ^{12}C(ν, π^+), E=0.5-2.0 GeV; measured pion production as a function of kinetic energy, single π^+ cross sections for charged current. Giessen Boltzmann-Uehling-Uhlenbeck model for neutrino induced reactions to charged current and neutral current pion production. JOUR PRVCA 79 038501
^{12}C	2008GAZV	NUCLEAR REACTIONS ^{16}O(γ, α), E=9.55 MeV; measured Eα, Iα using O-TPC detector at HIγS. REPT TUNL-XLII,P116,Gai
	2008GR22	NUCLEAR REACTIONS ^{12}C, ^{48}Ti, ^{58,64}Ni(d, d'), E=37 MeV; measured Ed, Id; deduced σ(E, θ), excitation of electric giant resonances. JOUR PANUE 71 1711
	2009AD08	NUCLEAR REACTIONS ^{12}C(^{18}O, α^{14}C), E=94.5 MeV; measured reaction fragments, excitation energy spectra, angular correlation spectra, sequential breakup σ. Comparison with CDCC-FRESCO calculations. JOUR IMPEE 18 1917
	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K^-, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139

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

2009AH01 NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using DSA technique and the Gammasphere array. ^{134}Xe; deduced levels, J, π, δ, B(E2), B(M1), related properties. Systematics of N=80, 82 isotones discussed. JOUR PYLBB 679 19

2009AS01 NUCLEAR REACTIONS ^{4}He(^{12}C, α), E=46, 52, 56, 63 MeV; measured Eα, Iα, resonant scattering cross sections. ^{16}O; deduced resonance parameters. JOUR JPGPE 36 055105

2009BA42 NUCLEAR REACTIONS ^{12}C(^{8}Li, ^{8}Li), (^{8}Li, ^{9}Be)^{11}B, E=23.9 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced spectroscopic factors. Optical-model analysis with Woods-Saxon and double-folding Sao Paulo potential. Coupled-channel analysis for breakup and inelastic channels. Comparison of spectroscopic factors with shell-model calculations and previous experimental data. JOUR PRVCA 80 034617

2009DI06 RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; measured Eα, Eγ, $\alpha\alpha\alpha$-coin. ^{12}C; deduced levels, J, π, triple-α continuum states and their decay modes. R-matrix analysis. JOUR PRVCA 80 034316

2009FA07 NUCLEAR REACTIONS ^{12}C(^{16}C, ^{16}C), E=47.5 MeV / nucleon; measured energy and angular distributions of reaction products; deduced $\sigma(\theta)$, optical potential parameters. Coupled-channels calculations. JOUR CPLEE 26 082501

2009FR07 NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; ^{13}C(p, p'), E=200 MeV; measured Ep and $\sigma(\theta)$. ^{12}C; deduced levels, J, π, 2+ excitation of the Hoyle state in ^{12}C. Coupled-channel (CCRC) analysis. Implications for the ^{8}Be+^{4}He reaction rate in stellar environments discussed. JOUR PRVCA 80 041303

2009HY01 RADIOACTIVITY ^{12}B(β^-), ^{12}N(β^+); deduced branching ratio, log ft, B(GT) to various ^{12}C states. Comparison with no-core shell model calculations. JOUR PYLBB 678 459

2009HY02 RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; ^{20}Na(β^+)[from ^{24}Mg(p, nα), E not given]; measured Eα, Iα, Eγ, Iγ, Eβ, $\beta\gamma$-, $\beta\alpha$-, $\alpha\alpha\alpha$-coin. ^{12}C, ^{20}Ne; deduced levels, β feedings, and logft. Triple-α method and R-matrix analysis. IGISOL-JYFL facility. JOUR PRVCA 80 044304

2009KI13 NUCLEAR REACTIONS ^{10}B(^{3}He, p), E=4.9 MeV; ^{11}B(^{3}He, d), E=8.5 MeV; measured Ep, Ip, Eα, Iα in complete kinematics. ^{12}C; deduced γ-ray and α-decay branching ratios from high energy levels, B(M1). Comparison with calculations and other data. JOUR PYLBB 680 44

2009LE02 NUCLEAR REACTIONS ^{12}C(^{17}C, np^{15}B), E=35 MeV / nucleon; measured neutron spectra, (fragment)(neutron)-coin, $\sigma(\theta)$, related features. ^{16}B deduced energy levels, J, π, configurations. Comparison with shell model calculations and other data. Secondary radioactive beam. JOUR PYLBB 672 6

A=12 *(continued)*

	2009LE09	NUCLEAR REACTIONS ^{12}C, ^{16}O(ν, π^0), ^{12}C(ν, π^+), E=0.5-2.0 GeV; measured pion production as a function of kinetic energy, single π^+ cross sections for charged current. Giessen Boltzmann-Uehling-Uhlenbeck model for neutrino induced reactions to charged current and neutral current pion production. JOUR PRVCA 79 038501
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
	2009TI02	NUCLEAR REACTIONS ^{12}C(α, α), E=2.6-8.2 MeV; measured Eα, Iα, $\sigma(\theta)$; deduced phase shifts using R-matrix analysis. ^{16}O; deduced levels, resonances, α-widths. Application to ^{12}C(α, γ)^{16}O reaction of astrophysical interest. JOUR PRVCA 79 055803
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{12}N	2008HY03	NUCLEAR REACTIONS ^{1}H(^{12}C, X)^{12}N, ^{2}H(^{11}B, X)^{12}B, E not given; measured Eα, Iα; deduced branching ratios, Gamow-Teller transition strengths. JOUR IMPEE 17 2182
	2009DI06	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; measured Eα, Eγ, $\alpha\alpha\alpha$-coin. ^{12}C; deduced levels, J, π, triple-α continuum states and their decay modes. R-matrix analysis. JOUR PRVCA 80 034316
	2009DO12	NUCLEAR REACTIONS ^{12}C(p-bar, n-bar)^{12}N, E=296 MeV; measured neutron spectra by time-of-flight method, $\sigma(\theta)$, A_y and other polarization observables. ^{12}N; deduced levels, J, π. Comparison with distorted wave impulse approximation (DWIA) calculations using random-phase approximation (RPA) response functions. JOUR PRVCA 80 024319
	2009FU03	NUCLEAR REACTIONS ^{12}C, ^{16}O(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, σ, angular distributions. ^{16}F; deduced levels, J, π, widths. ^{12}N; deduced levels, J. Comparison with distorted wave Born approximation. ^{30}Si(^{3}He, t), E=140 MeV / nucleon; analyzed angular distribution data for IAS. JOUR PRVCA 79 024314
	2009HY01	NUCLEAR REACTIONS ^{1}H(^{12}C, n), ^{2}H(^{11}B, p), ^{12}C(p, n), ^{11}B(d, p), E not given; measured Eγ, Iγ, Eα, Iα, $\gamma\alpha$-coin, $\alpha\alpha$-coin, decay spectra; deduced branching ratio, log ft, B(GT) to various ^{12}C states. Comparison with no-core shell model calculations. JOUR PYLBB 678 459
	2009HY01	RADIOACTIVITY ^{12}B(β^-), ^{12}N(β^+); deduced branching ratio, log ft, B(GT) to various ^{12}C states. Comparison with no-core shell model calculations. JOUR PYLBB 678 459

A=12 *(continued)*

	2009HY02	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; ^{20}Na(β^+)[from ^{24}Mg(p, nα), E not given]; measured Eα, Iα, Eγ, Iγ, Eβ, $\beta\gamma$-, $\beta\alpha$-, $\alpha\alpha\alpha$-coin. ^{12}C, ^{20}Ne; deduced levels, β feedings, and logft. Triple-α method and R-matrix analysis. IGISOL-JYFL facility. JOUR PRVCA 80 044304
	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
^{12}O	2009SU14	NUCLEAR REACTIONS ^{14}O(p, t), E=51 MeV / nucleon; measured Et, It; deduced an excited state, σ, breakdown of Z=8 shell closure. Comparison with distorted-wave calculations. JOUR PRLTA 103 152503

A=13

^{13}B	2008CH28	NUCLEAR REACTIONS H, C(^{12}Be, X), E=50 MeV / nucleon; measured particle spectra, (particle)(particle)-coin, angular distributions. ^{6,7,9}Li, ^{8,9,10}Be, ^{12,13}B; deduced levels, J, π, widths, isospins. JOUR PRVCA 78 054307
	2009GU23	NUCLEAR REACTIONS ^{13}C(t, ^{3}He), E=115 MeV / nucleon; measured ^{3}He spectra, $\sigma(\theta)$; deduced Gamow-Teller strengths for dipole transitions. ^{13}B; deduced levels, J, π. Comparison with shell-model calculations using WBT and WBP interactions. JOUR PRVCA 80 024305
	2009IW03	NUCLEAR REACTIONS ^{7}Li(^{7}Li, p), E=5.4 MeV; Measured Iγ, Doppler-shifted Eγ;Deduced level energy, J, π, B(M1). Doppler-shift attenuation method (DSAM). JOUR PRLTA 102 202502
^{13}C	2007SAZS	NUCLEAR REACTIONS ^{13}C(α, α'), C(α, α'), E=400 MeV; measured Eα, Iα; deduced $\sigma(\theta)$, B(E0), B(E2), level properties: J, π; calculated $\sigma(\theta)$, B(E0), B(E2), level properties: J, π using shell model. REPT CNS-REP-76,P27,Sasamoto
	2008KA44	NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α), E=388 MeV; measured Eα, Iα; deduced $\sigma(\theta)$, B(E0). Comparison with DWBA calculations. JOUR IMPEE 17 2071
	2009BA09	NUCLEAR REACTIONS ^{14}N(^{12}N, ^{13}O), E=12 MeV / nucleon; measured particle spectra, angular distributions, DWBA analysis; ^{12}N(p, γ); deduced asymptotic normalization coefficient, astrophysical S-factor, and reaction rates. JOUR PRVCA 79 025805
	2009FR07	NUCLEAR REACTIONS ^{12}C(p, p'), E=66 MeV; ^{13}C(p, p'), E=200 MeV; measured Ep and $\sigma(\theta)$. ^{12}C; deduced levels, J, π, 2+ excitation of the Hoyle state in ^{12}C. Coupled-channel (CCRC) analysis. Implications for the ^{8}Be+^{4}He reaction rate in stellar environments discussed. JOUR PRVCA 80 041303
	2009KA14	NUCLEAR REACTIONS ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured fragment spectra. ^{24}O; deduced one neutron removal spectroscopic factor. ^{23}O; deduced level energies. JOUR PRLTA 102 152501

A=13 *(continued)*

	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{13}N	2009CH38	NUCLEAR REACTIONS Be, C(^{10}C, X), E=10.7 MeV / nucleon; measured fragment spectra, $\sigma(\theta)$, proton-proton angular correlations, widths, σ, energy distributions of diproton, sequential two-proton, 2p+2α, p+3α and other cluster particle-decay modes from ground and excited resonant states. ^{10}B, ^{10}C, ^{13}N; deduced levels, J, π, resonances, particle decay modes. Resonance-decay spectroscopic techniques. Monte Carlo analysis of energy distributions. Comparison with two-proton decay modes from ^{6}Be and ^{45}Fe. JOUR PRVCA 80 024306
	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{13}O	2009BA09	NUCLEAR REACTIONS ^{14}N(^{12}N, ^{13}O), E=12 MeV / nucleon; measured particle spectra, angular distributions, DWBA analysis; ^{12}N(p, γ); deduced asymptotic normalization coefficient, astrophysical S-factor, and reaction rates. JOUR PRVCA 79 025805

A=14

^{14}C	2009NA07	NUCLEAR REACTIONS ^{15}C(Pb, X)^{14}C, E=68 MeV / nucleon; measured breakup σ as a function of energy; deduced B(E1) as a function of excitation. ^{14}C(n, γ), E=0-2.8 MeV; deduced σ using principle of detailed balance and direct radiative capture model. Coulomb breakup process. Comparison with experimental data. JOUR PRVCA 79 035805

A=14 *(continued)*

	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{14}N	2007NEZX	NUCLEAR REACTIONS ^{17}O(p, α), ^{18}O(p, α), E = 1, 3 MeV; measured Eα, Iα; deduced excitation functions, resonances. Comparison with GEANT4 simulations. REPT TUNL-XLVI,P32,Newton
	2008SE12	NUCLEAR MOMENTS ^{14}N; measured temperature dependence of nuclear quadrupole resonance frequencies. JOUR ZNASE 63a 88
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009MO16	NUCLEAR REACTIONS ^{18}F, ^{17}O(p, α), E=3.27 MeV; measured Eα, Iα;deduced resonance energy and strength. JOUR APOBB 40 699
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{14}O	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=15

^{15}C	2008CAZX	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\sim$ 8 MeV / nucleon; measured single-particle states, excitation energy spectra. CONF Cappadocia (Nuclear Physics and Astrophysics),P249,Cavallaro
	2009NA07	NUCLEAR REACTIONS ^{15}C(Pb, X)^{14}C, E=68 MeV / nucleon; measured breakup σ as a function of energy; deduced B(E1) as a function of excitation. ^{14}C(n, γ), E=0-2.8 MeV; deduced σ using principle of detailed balance and direct radiative capture model. Coulomb breakup process. Comparison with experimental data. JOUR PRVCA 79 035805
^{15}N	2007NEZX	NUCLEAR REACTIONS ^{17}O(p, α), ^{18}O(p, α), E = 1, 3 MeV; measured Eα, Iα; deduced excitation functions, resonances. Comparison with GEANT4 simulations. REPT TUNL-XLVI,P32,Newton

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

	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K^-, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009ISZZ	NUCLEAR REACTIONS ^{8}Li(α, n), E(cm)=0.7-2.6 MeV; ^{8}Li(d, t), E=0.3-1.2 MeV / nucleon; ^{12}B(α, n), E(cm)=1.1-3.6 MeV; measured E(particle), I(particle); deduced σ, reaction rates. Compared to other data and predictions, discussed reaction paths of r-process. CONF Tokai (Perspective in Nuc Phys), Proc.P177,Ishiyama
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{15}O	2007FUZW	NUCLEAR REACTIONS ^{14}N(p, γ), E(cm) = 70-480 keV; measured Eγ, Iγ; deduced s-factor, ground state contributions. REPT ATOMKI 2007 Annual,P22,Fulop
	2009DA07	NUCLEAR REACTIONS ^{1}H(^{19}Ne, p), E=9 MeV / nucleon; measured Ep, Ip, angular distributions. ^{19}Ne; deduced level energies, J, π, widths. ^{18}F(p, α); calculated S-factor. JOUR PRLTA 102 162503
	2009DE03	NUCLEAR REACTIONS ^{1}H(^{18}F, α), E=13.8 MeV; measured (particle)-(particle) coin, σ, $\sigma(\theta)$; deduced S-factor. Comparison with R-matrix calculations. JOUR PRVCA 79 015801
	2009MO16	NUCLEAR REACTIONS ^{18}F, ^{17}O(p, α), E=3.27 MeV; measured Eα, Iα;deduced resonance energy and strength. JOUR APOBB 40 699
	2009MU07	NUCLEAR REACTIONS ^{1}H(^{18}F, α), (^{18}F, p), E=1.750 MeV / nucleon; measured particle spectra, σ. ^{19}Ne; deduced levels, J, π, resonances, α widths, proton widths. R-matrix analysis. ^{18}F(p, α)^{15}O; deduced reaction rates. JOUR PRVCA 79 058801
	2009OL02	NUCLEAR REACTIONS ^{16}O(p, d), E at 3.25 GeV / c; measured cumulative deuteron production cross sections. JOUR PANUE 72 452
^{15}F	2009MU09	NUCLEAR REACTIONS ^{9}Be(^{17}Ne, X)^{16}Ne / ^{15}F, E=450 MeV / nucleon; measured particle spectra, (particle)(proton)(θ), (particle)(proton)(proton)(θ), and widths. ^{15}F, ^{16}Ne; deduced levels, J, π. JOUR PRVCA 79 061301

A=16

^{16}B	2009LE02	NUCLEAR REACTIONS ^{12}C(^{17}C, np^{15}B), E=35 MeV / nucleon; measured neutron spectra, (fragment)(neutron)-coin, $\sigma(\theta)$, related features. ^{16}B deduced energy levels, J, π, configurations. Comparison with shell model calculations and other data. Secondary radioactive beam. JOUR PYLBB 672 6

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

^{16}N	2008BA45	NUCLEAR REACTIONS ^{2}H(^{15}N, p), E=100 MeV; measured particle spectra, $\sigma(\theta)$, spectroscopic factors. ^{16}N; deduced levels, J, π. ^{15}N(n, γ); deduced reaction rate. Comparison with Distorted-Wave Born approximation. JOUR PRVCA 78 052801
^{16}O	2007WOZY	NUCLEAR REACTIONS ^{13}C(α, n), E < 5.4 MeV; measured Eα, Iα;deduced σ, absolute normalized neutron $\sigma(\theta)$. REPT TUNL-XLVI,P18,Wood
	2008AN17	NUCLEAR REACTIONS ^{16}O(^{14}N, ^{14}N), (^{14}N, ^{13}C), E=76.2, 57.0 MeV; measured $\sigma(\theta)$. Compared results to model calculations. JOUR CPLEE 25 4237
	2008BE38	NUCLEAR REACTIONS ^{12}C(^{24}Mg, X)^{16}O / ^{20}Ne, E=130 MeV; measured Eγ, Iγ, particle-γ-coin.; deduced energy levels, J, π, level scheme. JOUR IMPEE 17 2049
	2008MA51	NUCLEAR REACTIONS ^{19}F(p, $\alpha\gamma$), E≈2 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin, angular distributions. ^{12}C(α, γ)^{16}O; analyzed widths, S-factor, Asymptotic Normalization Coefficient. JOUR PRVCA 78 065801
	2009AG11	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12}C, ^{16}O(K^-, π^-), E at rest; measured negative pion energy spectra from decaying hypernucleus; calculated decay widths. ^{7}Li, ^{11}B, ^{15}N; deduced hypernucleus ground-state J, π. Comparison with other data. JOUR PYLBB 681 139
	2009AS01	NUCLEAR REACTIONS ^{4}He(^{12}C, α), E=46, 52, 56, 63 MeV; measured Eα, Iα, resonant scattering cross sections. ^{16}O; deduced resonance parameters. JOUR JPGPE 36 055105
	2009BE34	NUCLEAR REACTIONS ^{12}C(^{24}Mg, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin using Binary Reaction Spectrometer (BRS) in coincidence with Euroball IV array. ^{24}Mg, ^{20}Ne, ^{16}O; deduced levels, J, π, deformations. Comparison with shell-model calculations. JOUR PRVCA 80 034604
	2009LE09	NUCLEAR REACTIONS ^{12}C, ^{16}O(ν, π^0), ^{12}C(ν, π^+), E=0.5-2.0 GeV; measured pion production as a function of kinetic energy, single π^+ cross sections for charged current. Giessen Boltzmann-Uehling-Uhlenbeck model for neutrino induced reactions to charged current and neutral current pion production. JOUR PRVCA 79 038501
	2009MA18	NUCLEAR REACTIONS ^{19}F(p, $\alpha\gamma$)^{16}O, E=1.378 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. Double electron-positron pair production by γ rays. JOUR PRVCA 79 048501
	2009MAZU	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.2, 1.4, 1.6 MeV; measured Eγ, Iγ, $\theta(\gamma)$ using anti-Compton NaI(Tl) spectrometers; deduced σ, σ(E1), σ(E2) using fitted angular distribution formula. In future, σ at 300 keV to be deduced from analysis. CONF Tokai (Perspective in Nuc Phys), Proc.P284,Makii
	2009TI02	NUCLEAR REACTIONS ^{12}C(α, α), E=2.6-8.2 MeV; measured Eα, Iα, $\sigma(\theta)$; deduced phase shifts using R-matrix analysis. ^{16}O; deduced levels, resonances, α-widths. Application to ^{12}C(α, γ)^{16}O reaction of astrophysical interest. JOUR PRVCA 79 055803

A=16 *(continued)*

	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{16}F	2009FU03	NUCLEAR REACTIONS ^{12}C, ^{16}O(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, σ, angular distributions. ^{16}F; deduced levels, J, π, widths. ^{12}N; deduced levels, J. Comparison with distorted wave Born approximation. ^{30}Si(^{3}He, t), E=140 MeV / nucleon; analyzed angular distribution data for IAS. JOUR PRVCA 79 024314
^{16}Ne	2009MU09	NUCLEAR REACTIONS ^{9}Be(^{17}Ne, X)^{16}Ne / ^{15}F, E=450 MeV / nucleon; measured particle spectra, (particle)(proton)(θ), (particle)(proton)(proton)(θ), and widths. ^{15}F, ^{16}Ne; deduced levels, J, π. JOUR PRVCA 79 061301

A=17

^{17}C	2009KO02	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), E=81 MeV / nucleon; ^{1}H(^{18}C, ^{17}C), E=68 MeV / nucleon; measured Eγ, Iγ, σ, (particle)-γ coin, transverse-momentum distributions. ^{17,18}C; deduced levels, J, π. Comparison with continuum-discretized coupled-channel calculations. JOUR PRVCA 79 014602
^{17}N	2009DE34	NUCLEAR MOMENTS ^{17,18}N; measured g factors using β-NMR technique on spin-polarized fragment beams; deduced magnetic moments. Comparison with previous experimental results. JOUR PRVCA 80 037306
^{17}O	2009MI23	NUCLEAR REACTIONS ^{9}Be(^{13}C, α), E=90 MeV; measured Eα, Iα, E(^{13}C), ^{13}Cα-coin; deduced ^{17}O excitation energy spectrum. ^{17}O; deduced levels, J, π. Comparison with other data. JOUR ZAANE 41 335
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{17}F	2008AN17	NUCLEAR REACTIONS ^{16}O(^{14}N, ^{14}N), (^{14}N, ^{13}C), E=76.2, 57.0 MeV; measured $\sigma(\theta)$. Compared results to model calculations. JOUR CPLEE 25 4237
	2009HE16	NUCLEAR REACTIONS ^{1}H(^{17}F, p'), E=44.2 MeV; measured proton spectra, gamma spectra at the REX-ISOLDE facility. ^{14}O(α, p)^{17}F; deduced resonant contribution to the reaction rates of astrophysical significance for hot CNO cycle. JOUR PRVCA 80 042801

A=17 *(continued)*

^{17}Ne	2008GE07	ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502

A=18

^{18}C	2009KO02	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{18}C), E=81 MeV / nucleon; ^{1}H(^{18}C, ^{17}C), E=68 MeV / nucleon; measured Eγ, Iγ, σ, (particle)-γ coin, transverse-momentum distributions. ^{17,18}C; deduced levels, J, π. Comparison with continuum-discretized coupled-channel calculations. JOUR PRVCA 79 014602
^{18}N	2009DE34	NUCLEAR MOMENTS ^{17,18}N; measured g factors using β-NMR technique on spin-polarized fragment beams; deduced magnetic moments. Comparison with previous experimental results. JOUR PRVCA 80 037306
^{18}O	2009BAZT	RADIOACTIVITY ^{18}Ne(β^+), ^{11}Li(β^-), A=160(β^+) [from TRIUMF-ISAC]; ^{18}F(β^+) [from ^{18}Ne]; measured Eβ, Iβ, Eγ, Iγ, β-γ-coin.; deduced J, π, transition strengths. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P19,Ball
	2009JO07	NUCLEAR REACTIONS ^{6}Li(^{14}C, d), E=8.8 MeV; ^{7}Li(^{14}C, t), E=11.5 MeV; measured Ed, Id, Et, It, σ, $\sigma(\theta)$. ^{18}O; deduced levels, J, π. ^{14}C(α, γ)^{18}O; deduced astrophysical S factors, reaction rates, and asymptotic normalization coefficients (ANCs). JOUR PRVCA 80 045805
	2009MI23	NUCLEAR REACTIONS ^{9}Be(^{13}C, α), E=90 MeV; measured Eα, Iα, E(^{13}C), ^{13}Cα-coin; deduced ^{17}O excitation energy spectrum. ^{17}O; deduced levels, J, π. Comparison with other data. JOUR ZAANE 41 335
	2009RE15	ATOMIC MASSES ^{18}O, ^{19}F; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012507
	2009TR03	NUCLEAR REACTIONS ^{66}Zn(^{19}F, X)Li / Be / B / C / N / O, E=65, 85, 95, 112 MeV; measured spectra of projectile-like fragments and scattered beam particles, σ, $\sigma(\theta)$; deduced transmission coefficients, probability for complete fusion, transfer probabilities and optical model parameters. ^{66}Zn(^{19}F, X)^{9}B / ^{10}B / ^{11}B / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{17}O / ^{18}O, E=61, 82, 92 MeV; deduced slope parameter α. Comparison with sum-rule model calculations and with data from ^{89}Y(^{19}F, X) reaction. JOUR PRVCA 79 064604
^{18}F	2009BAZT	RADIOACTIVITY ^{18}Ne(β^+), ^{11}Li(β^-), A=160(β^+) [from TRIUMF-ISAC]; ^{18}F(β^+) [from ^{18}Ne]; measured Eβ, Iβ, Eγ, Iγ, β-γ-coin.; deduced J, π, transition strengths. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P19,Ball
	2009DE42	RADIOACTIVITY ^{19}Ne(p); measured Ep, Ip; deduced $\sigma(\theta)$ of emitted protons. JOUR IMPEE 18 2140

A=18 *(continued)*

	2009LE23	NUCLEAR REACTIONS ^{21}Ne(p, α)^{18}F, E=2.3-4.0 MeV; measured Eγ, Iγ, decay curves, half-lives; deduced reaction yields and σ by R-matrix analysis. ^{18}F(α, p)^{21}Ne, E=0.5-2.1 MeV; deduced σ and reaction rates. Comparison with Hauser-Feshbach calculations. Discussed implications for astrophysical r-process and evolution of elemental abundances in supernovae. JOUR PRVCA 80 025805
	2009MU07	NUCLEAR REACTIONS ^{1}H(^{18}F, α), (^{18}F, p), E=1.750 MeV / nucleon; measured particle spectra, σ. ^{19}Ne; deduced levels, J, π, resonances, α widths, proton widths. R-matrix analysis. ^{18}F(p, α)^{15}O; deduced reaction rates. JOUR PRVCA 79 058801
^{18}Ne	2008GE07	ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502
	2009BAZT	RADIOACTIVITY ^{18}Ne(β^+), ^{11}Li(β^-), A=160(β^+) [from TRIUMF-ISAC]; ^{18}F(β^+) [from ^{18}Ne]; measured Eβ, Iβ, Eγ, Iγ, β-γ-coin.; deduced J, π, transition strengths. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P19,Ball
	2009CH17	NUCLEAR REACTIONS ^{1}H(^{17}F, γ), E < 14.3 MeV; measured recoil spectra, cross sections. ^{17}F(p, γ); deduced resonance strengths and reaction rates. JOUR PRLTA 102 152502
	2009JI02	NUCLEAR REACTIONS ^{197}Au(^{18}Ne, ^{18}Ne'), E not given; measured Ep, Ip. ^{18}Ne; deduced level energies. Two proton decay. JOUR CPLEE 26 032301

A=19

^{19}O	2008CAZX	NUCLEAR REACTIONS ^{11}B, ^{15}N, ^{19}F(^{7}Li, ^{7}Be), E $\sim$ 8 MeV / nucleon; measured single-particle states, excitation energy spectra. CONF Cappadocia (Nuclear Physics and Astrophysics),P249,Cavallaro
^{19}F	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2009RE15	ATOMIC MASSES ^{18}O, ^{19}F; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012507
^{19}Ne	2008GE07	ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502
	2009DA07	NUCLEAR REACTIONS ^{1}H(^{19}Ne, p), E=9 MeV / nucleon; measured Ep, Ip, angular distributions. ^{19}Ne; deduced level energies, J, π, widths. ^{18}F(p, α); calculated S-factor. JOUR PRLTA 102 162503
	2009DE42	RADIOACTIVITY ^{19}Ne(p); measured Ep, Ip; deduced $\sigma(\theta)$ of emitted protons. JOUR IMPEE 18 2140
	2009MU07	NUCLEAR REACTIONS ^{1}H(^{18}F, α), (^{18}F, p), E=1.750 MeV / nucleon; measured particle spectra, σ. ^{19}Ne; deduced levels, J, π, resonances, α widths, proton widths. R-matrix analysis. ^{18}F(p, α)^{15}O; deduced reaction rates. JOUR PRVCA 79 058801
	2009TA09	NUCLEAR REACTIONS ^{19}F(^{3}He, t), E=24 MeV; measured triton spectra, tα-coin, $\alpha(\theta)$, α-decay branching ratios. ^{19}Ne; deduced levels, J, π, α-unbound resonances. ^{15}O(α, γ); deduced reaction rates versus temperature. JOUR PRVCA 79 055805

A=20

^{20}C	2009EL03	NUCLEAR REACTIONS ^{208}Pb(^{20}C, ^{20}C'), E=37.6 MeV / nucleon; ^{1}H(^{20}C, ^{20}C'), E=41.4 MeV / nucleon; measured Eγ, Iγ. ^{20}C; deduced levels, J, π, charge and neutron transition probabilities, B(E2). Comparison with shell model calculations. JOUR PRVCA 79 011302
^{20}F	2008NAZX	RADIOACTIVITY ^{20}F(β^-); measured Eβ, Iβ, $\theta(\beta)$, Eγ, Iγ, $\theta(\gamma)$ from aligned nuclei; calculated effect of delayed γ rays. Analysis of G parity in progress. REPT RIKEN 2007 Annual,P18,Nagatomo
^{20}Ne	2008BE38	NUCLEAR REACTIONS ^{12}C(^{24}Mg, X)^{16}O / ^{20}Ne, E=130 MeV; measured Eγ, Iγ, particle-γ-coin.; deduced energy levels, J, π, level scheme. JOUR IMPEE 17 2049
	2008GE07	ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502
	2008NAZX	RADIOACTIVITY ^{20}F(β^-); measured Eβ, Iβ, $\theta(\beta)$, Eγ, Iγ, $\theta(\gamma)$ from aligned nuclei; calculated effect of delayed γ rays. Analysis of G parity in progress. REPT RIKEN 2007 Annual,P18,Nagatomo
	2009BE34	NUCLEAR REACTIONS ^{12}C(^{24}Mg, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin using Binary Reaction Spectrometer (BRS) in coincidence with Euroball IV array. ^{24}Mg, ^{20}Ne, ^{16}O; deduced levels, J, π, deformations. Comparison with shell-model calculations. JOUR PRVCA 80 034604
	2009HY02	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; ^{20}Na(β^+)[from ^{24}Mg(p, nα), E not given]; measured Eα, Iα, Eγ, Iγ, Eβ, $\beta\gamma$-, $\beta\alpha$-, $\alpha\alpha\alpha$-coin. ^{12}C, ^{20}Ne; deduced levels, β feedings, and logft. Triple-α method and R-matrix analysis. IGISOL-JYFL facility. JOUR PRVCA 80 044304
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
^{20}Na	2009HY02	RADIOACTIVITY ^{12}N(β^+)[from ^{12}C(p, n), E=28 MeV], ^{12}B(β^-)[from ^{11}B(d, p), E=10 MeV]; ^{20}Na(β^+)[from ^{24}Mg(p, nα), E not given]; measured Eα, Iα, Eγ, Iγ, Eβ, $\beta\gamma$-, $\beta\alpha$-, $\alpha\alpha\alpha$-coin. ^{12}C, ^{20}Ne; deduced levels, β feedings, and logft. Triple-α method and R-matrix analysis. IGISOL-JYFL facility. JOUR PRVCA 80 044304
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009MI04	NUCLEAR MOMENTS ^{20,21,27}Na [from Si(p, X), E=500 MeV]; measured β-NMR spectra; deduced quadrupole coupling constants and quadrupole moments. Comparison with shell model predictions and data. JOUR PYLBB 672 120

A=20 *(continued)*

2009SC23 NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), E=1.7 MeV / nucleon; measured particle spectra, Eα, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield. ^{20}Na, ^{48}Ti; deduced levels, J, π, mixing ratios, transition matrix elements, B(M1), B(E2), and static electric quadrupole moments. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code, and with results for ^{20}F mirror nucleus. JOUR PRVCA 80 044325

2009SC23 NUCLEAR MOMENTS ^{20}Na, ^{48}Ti; deduced static electric quadrupole moments from Coulomb excitation experiment. JOUR PRVCA 80 044325

A=21

^{21}Ne 2008GE07 ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502

2009IC05 RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302

2009LE23 NUCLEAR REACTIONS ^{21}Ne(p, α)^{18}F, E=2.3-4.0 MeV; measured Eγ, Iγ, decay curves, half-lives; deduced reaction yields and σ by R-matrix analysis. ^{18}F(α, p)^{21}Ne, E=0.5-2.1 MeV; deduced σ and reaction rates. Comparison with Hauser-Feshbach calculations. Discussed implications for astrophysical r-process and evolution of elemental abundances in supernovae. JOUR PRVCA 80 025805

^{21}Na 2009CH28 NUCLEAR REACTIONS ^{24}Mg(p, t), E=41, 41.5 MeV; measured triton spectra, $\sigma(\theta)$. ^{22}Mg; deduced levels, J, π. DWBA analysis of $\sigma(\theta)$ data. ^{18}Ne(α, p)^{21}Na; deduced reaction rates versus temperature. JOUR PRVCA 79 055804

2009HE12 NUCLEAR REACTIONS p(^{21}Na, p)^{22}Mg, E=4.0 MeV / nucleon; measured Ep, $\sigma(\theta)$.^{22}Mg; deduced levels, J, π, resonances, widths and resonance parameters. R-matrix analysis of $\sigma(\theta)$ data with SAMMY-M6-BETA code. ^{18}Ne(α, p)^{21}Na, E not given; deduced astrophysical resonance reaction rates.^{22}Mg, ^{22}Ne; comparison of level systematics of mirror nuclei. JOUR PRVCA 80 015801

2009IC05 RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302

A=21 *(continued)*

	2009MI04	NUCLEAR MOMENTS ^{20,21,27}Na [from Si(p, X), E=500 MeV]; measured β-NMR spectra; deduced quadrupole coupling constants and quadrupole moments. Comparison with shell model predictions and data. JOUR PYLBB 672 120
^{21}Mg	2009KR05	NUCLEAR MOMENTS ^{21}Mg [from Si(p, X), E=1.4 GeV]; measured hfs; deduced ground state spin, g-factor, μ using collinear laser spectroscopy and NMR; calculated J, π, configuration. Comparison with shell model calculations and discussed ^{21}F and other mirror pairs. JOUR PYLBB 678 465

A=22

^{22}N	2009ST20	NUCLEAR REACTIONS Be(^{26}F, X)^{22}N, E=85 MeV / nucleon; measured En and (fragment)(neutron)-coin spectrum. ^{22}N; deduced levels, J, π. Level systematics of N=14, 15 C, N and O isotones. Comparison with shell-model calculations using WBTM and WBPM interactions. JOUR PRVCA 80 021302
^{22}O	2008FR10	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{22}O / ^{23}O / ^{24}O, E=86 MeV / nucleon; measured fragment and neutron spectra, (fragment)n-coin, decay energy spectra; deduced reaction mechanism features. ^{22,23,24}O deduced levels, J, π, strength functions, configurations. ^{23}O observed unbound state. JOUR NUPAB 813 199
^{22}Ne	2008GE07	ATOMIC MASSES ^{17,18,19,20,21,22}Ne; measured masses and charge radii using penning trap mass spectrometry. JOUR PRLTA 101 252502
	2009SI18	RADIOACTIVITY ^{22}Na(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced no evidence of correlations or pattern formation. JOUR EULEE 87 32001
	2009US01	NUCLEAR REACTIONS ^{22}Ne(p, p'), E=1623, 1721, 1803, 1835 keV; measured Iγ, Eγ; deduced B(M1), deformation parameters; ^{22}Ne(p, γ), E=1590-1850 keV; measured Iγ, Eγ; deduced excitation function, rotational bands. Bands with $K^\pi=(3 / 2)^+$ and $K^\pi=(1 / 2)^+$. Compared with calculations within Nilsson model. JOUR IMPEE 18 1084
^{22}Na	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302

A=22 *(continued)*

	2009NA08	RADIOACTIVITY ^{22}Na(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. Activity standardization. JOUR ARISE 66 865
	2009SI18	RADIOACTIVITY ^{22}Na(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced no evidence of correlations or pattern formation. JOUR EULEE 87 32001
^{22}Mg	2009CH28	NUCLEAR REACTIONS ^{24}Mg(p, t), E=41, 41.5 MeV; measured triton spectra, $\sigma(\theta)$. ^{22}Mg; deduced levels, J, π. DWBA analysis of $\sigma(\theta)$ data. ^{18}Ne(α, p)^{21}Na; deduced reaction rates versus temperature. JOUR PRVCA 79 055804
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009HE12	NUCLEAR REACTIONS p(^{21}Na, p)^{22}Mg, E=4.0 MeV / nucleon; measured Ep, $\sigma(\theta)$.^{22}Mg; deduced levels, J, π, resonances, widths and resonance parameters. R-matrix analysis of $\sigma(\theta)$ data with SAMMY-M6-BETA code. ^{18}Ne(α, p)^{21}Na, E not given; deduced astrophysical resonance reaction rates.^{22}Mg, ^{22}Ne; comparison of level systematics of mirror nuclei. JOUR PRVCA 80 015801
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009NA08	RADIOACTIVITY ^{22}Na(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. Activity standardization. JOUR ARISE 66 865

A=23

^{23}O	2007ELZW	NUCLEAR REACTIONS ^{40}Ar(^{9}Be, X), E = 94 MeV / nucleon; ^{23}O; measured Ep, Ip; deduced En, In, excitation energy spectrum. REPT ATOMKI 2007 Annual,P23,Elekes
	2008FR10	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{22}O / ^{23}O / ^{24}O, E=86 MeV / nucleon; measured fragment and neutron spectra, (fragment)n-coin, decay energy spectra; deduced reaction mechanism features. ^{22,23,24}O deduced levels, J, π, strength functions, configurations. ^{23}O observed unbound state. JOUR NUPAB 813 199
	2009KA14	NUCLEAR REACTIONS ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured fragment spectra. ^{24}O; deduced one neutron removal spectroscopic factor. ^{23}O; deduced level energies. JOUR PRLTA 102 152501
^{23}Ne	2009SA38	ATOMIC MASSES ^{23}Al, ^{23}Mg; measured masses with JYFLTRAP Penning trap spectrometer using ^{23}Na as a reference. ^{23}Al, ^{23}Mg, ^{23}Na, ^{23}Ne; analyzed isobaric multiplet mass equation (IMME) for T=3 / 2 system. JOUR PRVCA 80 044330

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

^{23}Na	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009SA38	ATOMIC MASSES ^{23}Al, ^{23}Mg; measured masses with JYFLTRAP Penning trap spectrometer using ^{23}Na as a reference. ^{23}Al, ^{23}Mg, ^{23}Na, ^{23}Ne; analyzed isobaric multiplet mass equation (IMME) for T=3 / 2 system. JOUR PRVCA 80 044330
	2009US01	NUCLEAR REACTIONS ^{22}Ne(p, p'), E=1623, 1721, 1803, 1835 keV; measured Iγ, Eγ; deduced B(M1), deformation parameters; ^{22}Ne(p, γ), E=1590-1850 keV; measured Iγ, Eγ; deduced excitation function, rotational bands. Bands with K$^\pi$=(3 / 2)$^+$ and K$^\pi$=(1 / 2)$^+$. Compared with calculations within Nilsson model. JOUR IMPEE 18 1084
^{23}Mg	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009SA38	ATOMIC MASSES ^{23}Al, ^{23}Mg; measured masses with JYFLTRAP Penning trap spectrometer using ^{23}Na as a reference. ^{23}Al, ^{23}Mg, ^{23}Na, ^{23}Ne; analyzed isobaric multiplet mass equation (IMME) for T=3 / 2 system. JOUR PRVCA 80 044330
^{23}Al	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009SA38	ATOMIC MASSES ^{23}Al, ^{23}Mg; measured masses with JYFLTRAP Penning trap spectrometer using ^{23}Na as a reference. ^{23}Al, ^{23}Mg, ^{23}Na, ^{23}Ne; analyzed isobaric multiplet mass equation (IMME) for T=3 / 2 system. JOUR PRVCA 80 044330

A=24

^{24}O	2008FR10	NUCLEAR REACTIONS ^{9}Be(^{26}Ne, X)^{22}O / ^{23}O / ^{24}O, E=86 MeV / nucleon; measured fragment and neutron spectra, (fragment)n-coin, decay energy spectra; deduced reaction mechanism features. ^{22,23,24}O deduced levels, J, π, strength functions, configurations. ^{23}O observed unbound state. JOUR NUPAB 813 199
	2009HO01	NUCLEAR REACTIONS Be(^{26}F, n^{23}O), E=85 MeV / nucleon; measured neutron decay energy spectra, (fragment)(neutron)-coin. ^{24}O deduced excited state energies, J, π. Comparison with other data and systematics. Secondary radioactive beam. JOUR PYLBB 672 17
	2009KA14	NUCLEAR REACTIONS ^{12}C(^{24}O, ^{23}O), E=920 MeV / nucleon; measured fragment spectra. ^{24}O; deduced one neutron removal spectroscopic factor. ^{23}O; deduced level energies. JOUR PRLTA 102 152501
^{24}Na	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
	2009LA07	NUCLEAR REACTIONS ^{27}Al, Ni(n, α), E=14.77 MeV; measured Eα, Iα; deduced σ, $\sigma(\theta)$, σ(E, θ), reaction mechanism features. Comparison with TALYS and PRECO2007 calculations. ^{24}Na; deduced level density parameter. JOUR NUPAB 821 23
	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009SZ03	NUCLEAR REACTIONS ^{192}Os(p, α3n), ^{186}W(p, n), (d, 2n), Cu(p, X)^{65}Zn, Al(p, X)^{24}Na, E<66.7 MeV; measured reaction products, Eγ, Iγ; deduced σ, uncertainties. JOUR JRNCD 282 261
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{24}Mg	2008LE27	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), ^{12}C(^{16}O, γ), E=9-12 MeV; measured Eγ, Iγ, particle-γ-coin; deduced feeding states, J, π, energy levels. JOUR IMPEE 17 2044

A=24 *(continued)*

	2008MA56	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E=16.25 MeV; measured Eγ, Iγ, particle-γ-coin. JOUR IMPEE 17 2040
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009BE34	NUCLEAR REACTIONS ^{12}C(^{24}Mg, X), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin using Binary Reaction Spectrometer (BRS) in coincidence with Euroball IV array. ^{24}Mg, ^{20}Ne, ^{16}O; deduced levels, J, π, deformations. Comparison with shell-model calculations. JOUR PRVCA 80 034604
	2009CH33	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured particle spectra, σ and $\sigma(\theta)$; deduced optical potential model parameters using two folding model potentials and a Woods-Saxon potential. ^{24}Mg, ^{28}Si; deduced E0, E1, E2 and E3 giant resonance strength distributions, multipole parameters, B(E2) and B(E3) probabilities for first 2+ and 3- states. Comparisons with distorted-wave Born approximation (DWBA) calculations and earlier α scattering and ^{6}Li scattering data. JOUR PRVCA 80 014312
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319
^{24}Al	2007KOZM	NUCLEAR REACTIONS ^{24}Al(^{134}Xe, ^{134}Xe'), E=410 MeV; measured Eγ, Iγ, particle-γ-coin, Coulomb excitation. Data analysis in progress. REPT JAEA-Review 2007-046,P30,Koizumi
	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009ICZZ	RADIOACTIVITY ^{24}Si(β^+); measured delayed Ep, Eγ; deduced β-branching, log ft; deduced J, π, β^+-decay of ^{24}Al. Compared with mirror β-decay of ^{24}Ne. REPT RIKEN-NC-NP-35,Ichikawa

A=24 *(continued)*

^{24}Si	2009IC05	RADIOACTIVITY ^{24}Si(β^+), (β^+p), ^{23}Al(β^+)[from ^{9}Be(^{28}Si, X), E=100 MeV / nucleon]; measured Eγ, Iγ, Ep, Ip, $\beta\gamma$-, $\gamma\gamma$-coin, half-lives. ^{24}Al, ^{23}Mg; deduced levels, J, π, β^+ and delayed-proton emission probabilities, logft, and B(GT) strengths. ^{20,21}Na, ^{22,23}Mg, ^{24}Al(β^+); measured Eγ. Comparison with shell-model calculation. Comparison of B(GT) strengths from ^{24}Si and ^{24}Ne decays. RIKEN-RIPS facility. JOUR PRVCA 80 044302
	2009ICZZ	RADIOACTIVITY ^{24}Si(β^+); measured delayed Ep, Eγ; deduced β-branching, log ft; deduced J, π, β^+-decay of ^{24}Al. Compared with mirror β-decay of ^{24}Ne. REPT RIKEN-NC-NP-35,Ichikawa

A=25

^{25}Mg	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
^{25}Al	2007CHZK	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E≈3.4 MeV / nucleon; measured Ep, Ip.Future analysis will give information on J, π. REPT CNS-REP-76,P5,Chen
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009PE04	NUCLEAR REACTIONS ^{2}H(^{25}Al, n)^{26}Si, E=91.5 MeV; ^{2}H(^{24}Mg, n)^{25}Al, E=140 MeV; measured decay proton spectra, resonances, excitation energies, σ, proton and γ widths. ^{26}Si; deduced levels, resonances, J, π; ^{25}Al(p, γ)^{26}Si; deduced reaction rate. JOUR PRVCA 79 032801
	2009PI13	NUCLEAR REACTIONS ^{28}Si(p, α), E=40, 42 MeV; measured Eα, Iα, $\sigma(\theta)$. ^{25}Al; deduced levels, J, π. DWBA analysis of $\sigma(\theta)$. JOUR PRVCA 80 038801

A=26

^{26}Ne	2009GIZZ	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured fragment spectra. ^{26}Ne; deduced level energies, B(E1). REPT RIKEN-NC-NP-29,Gibelin
^{26}Mg	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008LOZY	NUCLEAR REACTIONS ^{26}Mg(γ, γ'), E=11.3 MeV; measured Eγ, Iγ using linearly polarized beam on excited target-compound nucleus of ^{22}Ne(α, n); deduced π of excited states. State at 11154 keV is not natural parity state. REPT TUNL-XLII,P120,Longland
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009SC07	NUCLEAR REACTIONS ^{26}Mg(γ, γ'), E=13.0 MeV; measured Eγ, Iγ, $\gamma(\theta)$, cross sections, widths. ^{26}Mg; deduced levels, J, π, B(E1), B(M1). JOUR PRVCA 79 037303
	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{26}Al	2008LAZV	NUCLEAR REACTIONS Mg(^{3}He, X)^{26}Al, Ca(^{3}He, X)^{36}Cl, E=15-36 MeV; measured ^{26}Al / ^{27}Al and ^{36}Cl / Cl ratio using accelerator mass spectrometry;deduced σ. Compared with TALYS calculation. REPT MLL 2007 Annual,P31,Lachner
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617

A=26 *(continued)*

	2009DE33	NUCLEAR REACTIONS ^{27}Al(^{3}He, t), E=25 MeV; ^{28}Si(^{3}He, α), E=17.5 MeV; measured Et, It, Eα, Iα, Ep, Ip, αp-coin, αp(θ). ^{27}Si; deduced levels, angular momentum transfer, proton branching ratios from resonances. ^{26}Al; deduced levels and feedings from proton decay of unbound states in ^{27}Si. Deduced reaction rates for ^{26m}Al(p, γ) reaction as a function of stellar temperature. JOUR PRVCA 80 035806
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{26}Si	2007KWZU	NUCLEAR REACTIONS ^{28}Si(α, ^{6}He), E=120 MeV; measured Eγ, Iγ, E(particle), I(particle), θ(particle) using QDD type magnetic spectrograph; deduced 5918 keV state, some candidates for unnatural parity states in ^{26}Si. REPT RIKEN 2006 Annual,P15,Kwon
	2007KWZV	NUCLEAR REACTIONS ^{28}Si(α, ^{6}He), E=120 MeV; measured E(^{6}He), I(^{6}He), θ(^{6}He); deduced states in ^{26}Si. No spin and parity determined. REPT CNS-REP-76,P3,Kwon
	2009ER02	ATOMIC MASSES ^{26}Si; measured Q(EC) and mass using the JYFLTRAP mass spectrometer; ^{25}Al(p, γ)^{26}Si; deduced Q-value and reaction rates. JOUR PRVCA 79 032802
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009PE04	NUCLEAR REACTIONS ^{2}H(^{25}Al, n)^{26}Si, E=91.5 MeV; ^{2}H(^{24}Mg, n)^{25}Al, E=140 MeV; measured decay proton spectra, resonances, excitation energies, σ, proton and γ widths. ^{26}Si; deduced levels, resonances, J, π; ^{25}Al(p, γ)^{26}Si; deduced reaction rate. JOUR PRVCA 79 032801

A=27

^{27}Na	2009MI04	NUCLEAR MOMENTS ^{20,21,27}Na [from Si(p, X), E=500 MeV]; measured β-NMR spectra; deduced quadrupole coupling constants and quadrupole moments. Comparison with shell model predictions and data. JOUR PYLBB 672 120
^{27}Mg	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta

A=27 *(continued)*

	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
^{27}Al	2008KA43	NUCLEAR REACTIONS ^{26}Mg(p, γ), E=0.8-3.0 MeV; measured Eγ, Iγ, excitation function. ^{27}Al; deduced resonance strengths, B(M1). JOUR BRSPE 72 1544
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{27}Si	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
	2009DE33	NUCLEAR REACTIONS ^{27}Al(^{3}He, t), E=25 MeV; ^{28}Si(^{3}He, α), E=17.5 MeV; measured Et, It, Eα, Iα, Ep, Ip, αp-coin, αp(θ). ^{27}Si; deduced levels, angular momentum transfer, proton branching ratios from resonances. ^{26}Al; deduced levels and feedings from proton decay of unbound states in ^{27}Si. Deduced reaction rates for ^{26m}Al(p, γ) reaction as a function of stellar temperature. JOUR PRVCA 80 035806
	2009LI29	RADIOACTIVITY ^{29}S(2p); measured (^{29}S)(p)(p)-coin; deduced branching ratios of two proton and ^{2}He cluster decay modes from excited states. JOUR PRVCA 80 014310
	2009LO01	NUCLEAR REACTIONS ^{12}C(^{16}O, X)^{27}Si, E=26 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{27}Si; deduced resonance energies. ^{26}Al(p, γ); calculated reaction rates at astrophysical energies. JOUR PRLTA 102 162502

A=28

^{28}Mg	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, σ(θ). ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319

A=28 *(continued)*

^{28}Al	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
^{28}Si	2008LE27	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), ^{12}C(^{16}O, γ), E=9-12 MeV; measured Eγ, Iγ, particle-γ-coin; deduced feeding states, J, π, energy levels. JOUR IMPEE 17 2044
	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2008RE16	ATOMIC MASSES ^{28}Si, ^{31}P; measured the cyclotron frequency ratios; deduced atomic masses. Cryogenic penning trap. JOUR PRLTA 100 093002
	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
	2009CH33	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured particle spectra, σ and $\sigma(\theta)$; deduced optical potential model parameters using two folding model potentials and a Woods-Saxon potential. ^{24}Mg, ^{28}Si; deduced E0, E1, E2 and E3 giant resonance strength distributions, multipole parameters, B(E2) and B(E3) probabilities for first 2+ and 3- states. Comparisons with distorted-wave Born approximation (DWBA) calculations and earlier α scattering and ^{6}Li scattering data. JOUR PRVCA 80 014312
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
	2009ZE01	NUCLEAR REACTIONS ^{28}Si(^{6}Li, ^{6}Li), E=5-11 MeV; measured excitation functions, σ, and barrier distributions. Comparison with coupled channel calculations. JOUR PRVCA 80 017601

A=29

^{29}Na	2009HU03	NUCLEAR REACTIONS ^{110}Pd(^{29}Na, ^{29}Na'), E=70 MeV; measured Eγ, Iγ, (particle)γ-coin, charged-particle spectra following Coulomb excitation; deduced σ. ^{29}Na; deduced B(E2). Comparison with shell model. JOUR PYLBB 674 168
^{29}Al	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
^{29}Si	2008RA27	NUCLEAR REACTIONS ^{24}Mg(^{6}Li, n2p), (^{6}Li, npα), (^{6}Li, pα), (^{6}Li, 2p), (^{6}Li, np), (^{6}Li, 2α), (^{6}Li, nα), (^{7}Li, n2p), (^{7}Li, npα), (^{7}Li, pα), (^{7}Li, 2np), (^{7}Li, np), (^{7}Li, 2α), (^{7}Li, nα), E=6.0-30.0 MeV; measured Eγ, Iγ, σ. JOUR PRVCA 78 064617
	2009KO10	NUCLEAR REACTIONS ^{28}Si(d, p), E=1.5-2.0 MeV; measured $\sigma(\alpha$, E). JOUR NIMBE 267 1744
^{29}S	2009LI29	NUCLEAR REACTIONS ^{197}Au(^{29}S, ^{29}S'), E=49.2 MeV / nucleon; measured particle spectra by ΔE-tof, (^{29}S)(p)(p)-coin. ^{29}S; deduced excitation spectrum, two proton and ^{2}He cluster decay branching ratios. JOUR PRVCA 80 014310
	2009LI29	RADIOACTIVITY ^{29}S(2p); measured (^{29}S)(p)(p)-coin; deduced branching ratios of two proton and ^{2}He cluster decay modes from excited states. JOUR PRVCA 80 014310

A=30

^{30}Na	2009SC11	RADIOACTIVITY ^{30}Na(β^-); measured Eγ, Iγ; deduced J, π, monopole strength, partial E0 lifetime. Comparison with beyond mean field calculations. JOUR PRLTA 103 012501
^{30}Mg	2008SCZX	RADIOACTIVITY ^{30}Mg(β^-)[from ^{30}Na]; measured Iβ, Eβ, $\beta\beta$-coin, conversion electrons; deduced B(E0), B(E2); analyzed B(E0), B(E2). Deduced mixing amplitude between shape-coexisting 0^+ states, ^{30}Mg g.s. deformation. REPT MLL 2007 Annual,P4,Schwerdtfeger
	2009SC11	RADIOACTIVITY ^{30}Na(β^-); measured Eγ, Iγ; deduced J, π, monopole strength, partial E0 lifetime. Comparison with beyond mean field calculations. JOUR PRLTA 103 012501
	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319
^{30}Al	2008SCZX	RADIOACTIVITY ^{30}Mg(β^-)[from ^{30}Na]; measured Iβ, Eβ, $\beta\beta$-coin, conversion electrons; deduced B(E0), B(E2); analyzed B(E0), B(E2). Deduced mixing amplitude between shape-coexisting 0^+ states, ^{30}Mg g.s. deformation. REPT MLL 2007 Annual,P4,Schwerdtfeger

A=30 *(continued)*

^{30}P	2009FU03	NUCLEAR REACTIONS ^{12}C, ^{16}O(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, σ, angular distributions. ^{16}F; deduced levels, J, π, widths. ^{12}N; deduced levels, J. Comparison with distorted wave Born approximation. ^{30}Si(^{3}He, t), E=140 MeV / nucleon; analyzed angular distribution data for IAS. JOUR PRVCA 79 024314

A=31

^{31}Mg	2009MI12	NUCLEAR REACTIONS ^{9}Be(^{32}Al, X), E=91 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, σ, parallel momentum distributions. ^{31}Mg; deduced levels, J, π. Comparison with USD and AMD+GCM shell-model calculations and discussed relevance to "island of inversion". JOUR PRVCA 79 054306
^{31}Al	2007NAZL	RADIOACTIVITY ^{31}Al(β^-); measured β^--decay asymmetry using β-NMR technique; deduced electric quadrupole moment. REPT RIKEN 2006 Annual,P12,Nagae
	2009DE25	RADIOACTIVITY ^{31}Al(β^-); measured electric quadrupole coupling constant; deduced quadrupole moment, proton effective charge using two β-NQR techniques. Comparison with shell model. Quadrupole systematics in nearby nuclei discussed. JOUR PYLBB 678 344
	2009NA03	NUCLEAR REACTIONS ^{93}Nb(^{40}Ar, X)^{31}Al, E=95 MeV / nucleon; measured ground state electric quadrupole moment for a spin polarized ^{31}Al beam using β-NQR spectroscopy. JOUR PRVCA 79 027301
	2009NA03	NUCLEAR MOMENTS ^{31}Al; measured ground state electric quadrupole moments using the β-NQR method. JOUR PRVCA 79 027301
^{31}Si	2007NAZL	RADIOACTIVITY ^{31}Al(β^-); measured β^--decay asymmetry using β-NMR technique; deduced electric quadrupole moment. REPT RIKEN 2006 Annual,P12,Nagae
	2009DE25	RADIOACTIVITY ^{31}Al(β^-); measured electric quadrupole coupling constant; deduced quadrupole moment, proton effective charge using two β-NQR techniques. Comparison with shell model. Quadrupole systematics in nearby nuclei discussed. JOUR PYLBB 678 344
^{31}P	2008RE16	ATOMIC MASSES ^{28}Si, ^{31}P; measured the cyclotron frequency ratios; deduced atomic masses. Cryogenic penning trap. JOUR PRLTA 100 093002
^{31}S	2009WR02	NUCLEAR REACTIONS ^{31}P(^{3}He, t)^{31}S, E=20, 25 MeV; ^{31}P(^{3}He, t)^{31}S, E=20 MeV; ^{32}S(d, t)^{31}S, E=25 MeV; measured (particle)(particle)-coin, proton branching ratios, tp(θ). ^{31}S; deduced levels, J, π. ^{30}P(p, γ)^{31}S; deduced spectroscopic factors, widths and reaction rates. Comparison with Hauser-Feshbach statistical model estimates. JOUR PRVCA 79 045803

A=32

^{32}Ne	2009DO10	NUCLEAR REACTIONS C(^{32}Ne, ^{32}Ne'), E=226 MeV / nucleon; ^{32}Ne; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation; deduced level energy, J, π. Secondary beams from ^{48}Ca fragmentation. JOUR PRLTA 103 032501
^{32}Mg	2008TAZU	NUCLEAR REACTIONS ^{32}Mg(γ, γ'), E not given; measured Eγ, Iγ using Coulomb excitation; deduced d$\sigma(\theta)$, B(E2), β_2, β_4; calculated d$\sigma(\theta)$ using CC code ECIS97 with KD02 optical model parameters. Compared to data; symmetric rotational model for two-step transitions, one-step hexadecapole model, harmonic vibrational model. REPT RIKEN 2007 Annual,Pxvi,Takeuchi
	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319
	2009TAZZ	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\sigma(\theta)$. ^{32}Mg; deduced level energies, J, π. REPT RIKEN-NC-NP-32,Takeuchi
^{32}Al	2007KAZK	RADIOACTIVITY ^{32}Al(β^-); measured β^--decay asymmetry using β-NMR technique; deduced electric quadrupole moment. Compared to other Al isotopes. REPT RIKEN 2006 Annual,Piii,Kameda
	2007TAZJ	RADIOACTIVITY ^{32}Al(β^-); measured isomer decay, Eγ, Iγ, $\gamma\gamma$-coin. using time differential perturbed angular distribution method; deduced $T_{1/2}$, g-factor. REPT RIKEN 2006 Annual,P13,Takase
	2008KAZQ	RADIOACTIVITY ^{32}Al; measured Eγ, Iγ from spin aligned ^{32}Al; deduced isomer decay ratio, $T_{1/2}$. Time differential perturbed angular distribution method. REPT RIKEN 2007 Annual,P17,Kameda
^{32}Si	2007KAZK	RADIOACTIVITY ^{32}Al(β^-); measured β^--decay asymmetry using β-NMR technique; deduced electric quadrupole moment. Compared to other Al isotopes. REPT RIKEN 2006 Annual,Piii,Kameda
	2007TAZJ	RADIOACTIVITY ^{32}Al(β^-); measured isomer decay, Eγ, Iγ, $\gamma\gamma$-coin. using time differential perturbed angular distribution method; deduced $T_{1/2}$, g-factor. REPT RIKEN 2006 Annual,P13,Takase
^{32}S	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2009DE37	NUCLEAR REACTIONS ^{12}C(^{20}Ne, pX), (^{20}Ne, dX), (^{20}Ne, tX), (^{20}Ne, αX), E=145, 158, 170, 180, 200 MeV; ^{27}Al(^{20}Ne, pX), (^{20}Ne, dX), (^{20}Ne, tX), (^{20}Ne, αX), E=158 MeV; measured $\sigma(\theta$, E), light-charged-particle energy spectra, (charged-particle)(fragment)-coin; deduced reaction mechanism features, deformation parameters, radius. ^{32}S; deduced sequential decay chain data. Comparison with the CASCADE statistical model code. JOUR ZAANE 41 39

A=33

^{33}P	2007LIZN	NUCLEAR REACTIONS ^{24}Mg(^{18}O, x)^{33}P, E=70 MeV; ^{24}Mg(^{18}O, x)^{36}Si, E=70 MeV; ^{24}Mg(^{18}O, x)^{38}Ar, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. REPT JAEA-Review 2007-046,P25,Liu
	2009CH43	NUCLEAR REACTIONS ^{18}O(^{18}O, X)^{33}P / ^{34}P / ^{33}S / ^{34}S, E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO ratios, γ(lin pol). ^{33,34}P, ^{33}S, ^{34}S; deduced levels, J, π, multipolarity, mixing ratios, bands, branching ratios, transition probabilities. Comparison with truncated shell model calculations in the sdpf valence space. JOUR PRVCA 80 034326
^{33}S	2009CH43	NUCLEAR REACTIONS ^{18}O(^{18}O, X)^{33}P / ^{34}P / ^{33}S / ^{34}S, E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO ratios, γ(lin pol). ^{33,34}P, ^{33}S, ^{34}S; deduced levels, J, π, multipolarity, mixing ratios, bands, branching ratios, transition probabilities. Comparison with truncated shell model calculations in the sdpf valence space. JOUR PRVCA 80 034326

A=34

^{34}Mg	2009TA08	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, Iγ, scattered particle spectra, σ, $\sigma(\theta)$. ^{32}Mg; deduced levels, J, π, deformation lengths, rms radii.Coupled-channel analysis of angular distribution cross sections. ^{24,26,28,30,32,34}Mg; level systematics. JOUR PRVCA 79 054319
^{34}P	2009BE26	NUCLEAR REACTIONS ^{18}O(^{18}O, np), E=20, 24, 25, 30, 44 MeV; measured Eγ, Iγ, $\gamma\gamma$-, pγ-coin, $\gamma(\theta)$, DSA and half-lives. ^{34}P; deduced levels, J, π, multipolarities, transition strengths and configurations. Island of inversion. Comparison with shell-model calculations using a modified WBP interaction. JOUR PRVCA 80 014302
	2009CH43	NUCLEAR REACTIONS ^{18}O(^{18}O, X)^{33}P / ^{34}P / ^{33}S / ^{34}S, E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO ratios, γ(lin pol). ^{33,34}P, ^{33}S, ^{34}S; deduced levels, J, π, multipolarity, mixing ratios, bands, branching ratios, transition probabilities. Comparison with truncated shell model calculations in the sdpf valence space. JOUR PRVCA 80 034326
^{34}S	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2009CH43	NUCLEAR REACTIONS ^{18}O(^{18}O, X)^{33}P / ^{34}P / ^{33}S / ^{34}S, E=34 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO ratios, γ(lin pol). ^{33,34}P, ^{33}S, ^{34}S; deduced levels, J, π, multipolarity, mixing ratios, bands, branching ratios, transition probabilities. Comparison with truncated shell model calculations in the sdpf valence space. JOUR PRVCA 80 034326
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=34 *(continued)*

^{34}Cl	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009PA28	NUCLEAR REACTIONS ^{34}S(^{3}He, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{34}Cl; deduced levels, resonances and resonance parameters. ^{33}S(p, γ), E not given; deduced thermonuclear reaction rates. Comparison with previous experimental data. JOUR PRVCA 80 015802
^{34}Ar	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=35

^{35}S	2008AL39	RADIOACTIVITY ^{35}S(β^-); measured internal bremsstrahlung spectrum. JOUR BRSPE 72 1556
^{35}Cl	2008AL39	RADIOACTIVITY ^{35}S(β^-); measured internal bremsstrahlung spectrum. JOUR BRSPE 72 1556
	2008SI29	NUCLEAR MOMENTS ^{35}Cl; measured nuclear quadrupole resonance spectra. JOUR ZNASE 63a 81

A=36

^{36}Si	2007LIZN	NUCLEAR REACTIONS ^{24}Mg(^{18}O, x)^{33}P, E=70 MeV; ^{24}Mg(^{18}O, x)^{36}Si, E=70 MeV; ^{24}Mg(^{18}O, x)^{38}Ar, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. REPT JAEA-Review 2007-046,P25,Liu
^{36}S	2007LIZO	NUCLEAR REACTIONS ^{24}Mg(^{18}O, 2pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., deduced high-spin states in ^{33}P, ^{34}S, ^{35}Cl, ^{38}Ar, ^{39}K. REPT CNS-REP-76,P21,Liu
	2008IDZZ	NUCLEAR REACTIONS ^{24}Mg(^{18}O, x)^{36}S, E=70 MeV; ^{24}Mg(^{18}O, x)^{36}Cl, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., particle-γ-coin. Analysis in progress. REPT JAEA-Review 2008-054,P25,Ideguchi
^{36}Cl	2008IDZZ	NUCLEAR REACTIONS ^{24}Mg(^{18}O, x)^{36}S, E=70 MeV; ^{24}Mg(^{18}O, x)^{36}Cl, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., particle-γ-coin. Analysis in progress. REPT JAEA-Review 2008-054,P25,Ideguchi
	2008LAZV	NUCLEAR REACTIONS Mg(^{3}He, X)^{26}Al, Ca(^{3}He, X)^{36}Cl, E=15-36 MeV; measured ^{26}Al / ^{27}Al and ^{36}Cl / Cl ratio using accelerator mass spectrometry;deduced σ. Compared with TALYS calculation. REPT MLL 2007 Annual,P31,Lachner
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{36}Ar	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela

A=37

^{37}Cl	2009IO01	NUCLEAR REACTIONS ^{24}Mg(^{16}O, 3p), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler shift attenuation method using GASP array. ^{37}Cl; deduced levels, J, π, multipolarities, B(M1), B(E2) and configurations. Comparison with large-scale shell model calculations involving sd and fp orbitals using the sdpf and SDPF-M effective interactions. JOUR PRVCA 80 034314
^{37}Ar	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029

A=38

^{38}Cl	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008MOZV	NUCLEAR REACTIONS ^{26}Mg(^{18}O, x)^{38}Cl, E=3.72, 5.0 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π; calculated E, J, πi using shell model. REPT JAEA-Review 2008-054,P27,Morikawa
^{38}Ar	2007LIZN	NUCLEAR REACTIONS ^{24}Mg(^{18}O, x)^{33}P, E=70 MeV; ^{24}Mg(^{18}O, x)^{36}Si, E=70 MeV; ^{24}Mg(^{18}O, x)^{38}Ar, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. REPT JAEA-Review 2007-046,P25,Liu
	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
^{38}K	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=39

^{39}K	2008ME15	NUCLEAR REACTIONS ^{12}C, ^{40}Ca, ^{93}Nb, Pb(polarized γ, pπ^0), E=0.6-2.2 GeV bremsstrahlung; measured invariant- and missing-mass spectra, η-meson production σ, $\sigma(\theta)$. Comparison with BUU transport model and other data. JOUR ZAANE 38 195

A=39 *(continued)*

	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029

A=40

^{40}K	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira
^{40}Ca	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira

A=41

^{41}Si	2007SOZY	NUCLEAR REACTIONS ^{48}Ca(^{12}C, X), E = 60 MeV / nucleon; ^{41}Si; measured Eγ, Iγ; deduced level energy. REPT ATOMKI 2007 Annual,P24,Sohler
^{41}Ar	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
^{41}K	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{41}Ca	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029

A=41 *(continued)*

	2009DI04	NUCLEAR REACTIONS ^{40}Ca(n, γ), E<106 keV; measured σ, σ(E) using activation technique and accelerator mass spectrometry; deduced Maxwellian averaged cross sections. Neutrons from ^{7}Li(p, n)^{7}Be reaction at E(p)=1912 keV. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Comparison with previous experimental data and theoretical predictions. JOUR PRVCA 79 065805
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela

A=42

^{42}P	2008DAZY	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon;^{43}S, ^{42}P;measured excitation energy, gyromagnetic factor; deduced $T_{1/2}$. CONF Cappadocia (Nuclear Physics and Astrophysics),P293,Daugas
^{42}Ca	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009KU19	ATOMIC MASSES ^{42}Ti, ^{42}Sc, ^{42m}Sc, ^{42}Ca; measured mass differences using JYFLTRAP Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 035502
^{42}Sc	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009KU19	RADIOACTIVITY ^{42}Ti(EC); measured Eγ, $\beta\gamma$-coin, half-life, branching ratio, Q value from measured mass differences; deduced logft value for 0+ to 0+ superallowed β transition. JOUR PRVCA 80 035502
	2009KU19	ATOMIC MASSES ^{42}Ti, ^{42}Sc, ^{42m}Sc, ^{42}Ca; measured mass differences using JYFLTRAP Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 035502
^{42}Ti	2009KU19	RADIOACTIVITY ^{42}Ti(EC); measured Eγ, $\beta\gamma$-coin, half-life, branching ratio, Q value from measured mass differences; deduced logft value for 0+ to 0+ superallowed β transition. JOUR PRVCA 80 035502
	2009KU19	ATOMIC MASSES ^{42}Ti, ^{42}Sc, ^{42m}Sc, ^{42}Ca; measured mass differences using JYFLTRAP Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 035502

A=43

^{43}S	2008DAZY	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X), E=60 MeV / nucleon;^{43}S, ^{42}P;measured excitation energy, gyromagnetic factor; deduced $T_{1/2}$. CONF Cappadocia (Nuclear Physics and Astrophysics),P293,Daugas
	2009GA05	RADIOACTIVITY ^{43}S(IT); measured Eγ, I$\gamma(\theta)$, g-factor using the time dependent perturbed angular distribution method; deduced B(E2), B(M1). JOUR PRLTA 102 092501
	2009RI11	NUCLEAR REACTIONS ^{9}Be(^{44}S, X), E=92 MeV / nucleon; ^{9}Be(^{45}Cl, X), E=98 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin and σ using SeGA array. ^{43}S; deduced levels, J, π, rotational band and branching ratios. One-neutron knockout and fragmentation reactions. Comparison with shell-model calculations. JOUR PRVCA 80 037305
^{43}Ar	2009MO09	NUCLEAR REACTIONS ^{9}Be(^{36}S, X), E=95 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{43}Ar; deduced levels, J, π. Calculated production σ of S, Cl, Ar, K, Ca isotopes using CASCADE. JOUR PRVCA 79 037302
^{43}K	2009DA05	NUCLEAR REACTIONS ^{45}Sc(p, X)^{43}K / ^{43}Sc / ^{44}Sc / ^{44}Ti, E < 37 MeV; measured Eγ, Iγ, excitation functions using the activation technique. JOUR NIMBE 267 755
^{43}Sc	2009DA05	NUCLEAR REACTIONS ^{45}Sc(p, X)^{43}K / ^{43}Sc / ^{44}Sc / ^{44}Ti, E < 37 MeV; measured Eγ, Iγ, excitation functions using the activation technique. JOUR NIMBE 267 755
	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
^{43}Cr	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124
	2009GR07	RADIOACTIVITY ^{6}Be, ^{45}Fe(2p); measured energy and angular correlation distributions. JOUR PYLBB 677 30

A=44

^{44}Cl	2009RI04	NUCLEAR REACTIONS ^{9}Be(^{45}Cl, ^{44}Cl), E=99.6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin and parallel momentum distributions. ^{44}Cl; deduced levels, J, π, half-life, cross section. One-neutron knockout reaction. Comparison with shell model calculations. JOUR PRVCA 79 051303
^{44}Ar	2009ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV;^{50}Ca, ^{51}Sc, ^{44,45,46}Ar; measured Eγ, Iγ; deduced lifetime, B(E2). JOUR APOBB 40 485
	2009ZI01	NUCLEAR REACTIONS ^{109}Ag(^{44}Ar, ^{44}Ar'), E=2.68 MeV / nucleon; ^{208}Pb(^{44}Ar, ^{44}Ar'), E=3.68 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, γ yields. ^{44}Ar; deduced levels, B(E2) matrix elements, spectroscopic quadrupole moments. Comparisons with experimental data for neighboring A=42-46 Ar, S and Si nuclides and GCM(GOA), AMPGCM, and Shell model calculations. JOUR PRVCA 80 014317

A=44 *(continued)*

^{44}Sc	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
	2009DA05	NUCLEAR REACTIONS ^{45}Sc(p, X)^{43}K / ^{43}Sc / ^{44}Sc / ^{44}Ti, E < 37 MeV; measured Eγ, Iγ, excitation functions using the activation technique. JOUR NIMBE 267 755
	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
	2009KIZY	NUCLEAR REACTIONS Mo(n, γ), E=0.01-200 eV; measured In; deduced σ; ^{186}W(n, γ), E=thermal; ^{98}Mo(n, γ), E=thermal; measured In relative to ^{197}Au(n, γ); deduced σ, resonance integral; ^{45}Sc(γ, n), E=65 MeV; Ti(γ, x)^{44}Sc, E=65 MeV; ^{103}Rh(γ, 4n), E=65 MeV; Fe(γ, x)^{52}Mn, E=65 MeV; measured Eγ, Iγ; deduced σ, isomeric transition. Compared to other data. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P72,Kim
^{44}Ti	2009DA05	NUCLEAR REACTIONS ^{45}Sc(p, X)^{43}K / ^{43}Sc / ^{44}Sc / ^{44}Ti, E < 37 MeV; measured Eγ, Iγ, excitation functions using the activation technique. JOUR NIMBE 267 755

A=45

^{45}Ar	2009ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV;^{50}Ca, ^{51}Sc, ^{44,45,46}Ar; measured Eγ, Iγ; deduced lifetime, B(E2). JOUR APOBB 40 485
^{45}Ti	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
	2009SY02	NUCLEAR REACTIONS ^{46}Ti(p, d), E=32 MeV; measured Eγ, (particle)γ-coin; deduced level densities, γ-ray strength function, entropy, temperature, and spin distributions using Oslo method. Comparison of measured level densities with combinatorial BCS model calculations using Nilsson orbitals, and measured γ-ray strength functions with generalized Lorentzian model calculations. JOUR PRVCA 80 044309
^{45}Fe	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124
	2009GR07	NUCLEAR REACTIONS ^{1}H(^{10}B, n), E not given; Ni(^{58}Ni, X)^{45}Fe, E=161 MeV / nucleon; measured Ep, Ip, Eα, Iα, product energy and angular correlation distributions in a kinematically complete experiment. Comparison with three-body cluster model. JOUR PYLBB 677 30

A=45 *(continued)*

	2009GR07	RADIOACTIVITY ^{6}Be, ^{45}Fe(2p); measured energy and angular correlation distributions. JOUR PYLBB 677 30

A=46

^{46}S	2009GA09	NUCLEAR REACTIONS ^{9}Be(^{46}Cl, ^{46}S), (^{48}K, ^{48}Ar), E $\geq$ 85 MeV / nucleon; measured Eγ, Iγ, inclusive σ, yields, longitudial momentum distributions; ^{46}S, ^{48}Ar; deduced level energies. Comparisons with Large-scale shell-model calculations using SDPF-NR effective interaction. JOUR PRLTA 102 182502
^{46}Ar	2007NIZX	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn)^{49,50,51}Ti, E=2-8 MeV / nucleon; measured Eγ, Iγ; deduced level properties: J, π. ^{46}Ar beam from fragmentation of 64 MeV / nucleon ^{48}Ca. REPT CNS-REP-76,P23,Niikura
	2009ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV;^{50}Ca, ^{51}Sc, ^{44,45,46}Ar; measured Eγ, Iγ; deduced lifetime, B(E2). JOUR APOBB 40 485
^{46}Ca	2008VAZW	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV; ^{46}Ca; measured Eγ, Iγ; deduced lifetime, B(E2). CONF Cappadocia (Nuclear Physics and Astrophysics),P197,Valiente-Dobon
^{46}Sc	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
^{46}Ti	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
^{46}V	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
^{46}Fe	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124

A=47

^{47}Ca	2009MA16	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, n^{47}Ca), (^{56}Ti, n^{55}Ti), E=450 MeV / nucleon; measured σ, Eγ, Iγ, (recoil)γ-coin after Doppler correction, momentum distributions. ^{47}Ca, ^{55}Ti; deduced J, π, levels. Comparison with shell-model calculations. FRS with secondary beam and MINIBALL array. JOUR PYLBB 675 22

A=47 *(continued)*

^{47}Sc	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=48

^{48}Ar	2009GA09	NUCLEAR REACTIONS ^{9}Be(^{46}Cl, ^{46}S), (^{48}K, ^{48}Ar), E $\geq$ 85 MeV / nucleon; measured Eγ, Iγ, inclusive σ, yields, longitudial momentum distributions; ^{46}S, ^{48}Ar; deduced level energies. Comparisons with Large-scale shell-model calculations using SDPF-NR effective interaction. JOUR PRLTA 102 182502
^{48}Ca	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2008UM05	RADIOACTIVITY ^{48}Ca(2β); measured half-life for neutrinoless double-beta decay. JOUR PRVCA 78 058501
	2009KI19	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured energy of electrons, radioactive background; deduced $T_{1/2}$ for $0\nu\beta\beta$-decay, neutrino mass limit. CaF_2(Eu) crystals. JOUR IMPEE 18 2129
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
^{48}Sc	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
	2009SA48	NUCLEAR REACTIONS ^{48}Ca, ^{116}Cd(p, n), ^{48}Ti, ^{116}Sn(n, p), E=300 MeV; measured $\sigma(\theta$, E); deduced GT plus IVSM strength distributions. Comparison with fp-shell model space and GXPF1A interaction. JOUR IMPEE 18 2119

A=48 *(continued)*

	2009YA07	NUCLEAR REACTIONS ^{48}Ca(p, n), ^{48}Ti(n, p), E=300 MeV; measured Ep, Ip, En, In; deduced σ(E, θ), Gamow-Teller strengths. Comparison with GXPF1A shell model. JOUR PRLTA 103 012503
	2009YAZX	NUCLEAR REACTIONS ^{48}Ca(p, n), E=295 MeV; measured En, In, θ(n); ^{48}Ti(n, p), E=293 MeV; measured Ep, Ip, θ(p); deduced dσ; calculated dσ using DW81 code, transition strength Gamow-Teller component using multipole decomposition. CONF Tokai (Perspective in Nuc Phys), Proc.P47,Yako
^{48}Ti	2008GR22	NUCLEAR REACTIONS ^{12}C, ^{48}Ti, ^{58,64}Ni(d, d'), E=37 MeV; measured Ed, Id; deduced σ(E, θ), excitation of electric giant resonances. JOUR PANUE 71 1711
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009KI19	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured energy of electrons, radioactive background; deduced $T_{1/2}$ for $0\nu\beta\beta$-decay, neutrino mass limit. CaF_2(Eu) crystals. JOUR IMPEE 18 2129
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009SC23	NUCLEAR REACTIONS Ti(^{20}Na, ^{20}Na'), E=1.7 MeV / nucleon; measured particle spectra, Eα, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular correlations and γ-ray yield. ^{20}Na, ^{48}Ti; deduced levels, J, π, mixing ratios, transition matrix elements, B(M1), B(E2), and static electric quadrupole moments. Tigress and Bambino arrays at TRIUMF-ISAC facility. GOSIA analysis of Coulomb excitation data. Comparisons with shell-model calculations using the USD, USDB and p-sd effective interactions employing OXBASH shell-model code, and with results for ^{20}F mirror nucleus. JOUR PRVCA 80 044325
	2009SC23	NUCLEAR MOMENTS ^{20}Na, ^{48}Ti; deduced static electric quadrupole moments from Coulomb excitation experiment. JOUR PRVCA 80 044325
^{48}V	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
	2009KH03	NUCLEAR REACTIONS Ti(p, x)^{48}V / ^{43}Sc / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc, E=3.9-37.8 MeV; Measured Eγ, Iγ, production σ, yields using Stacked-foil activation technique. Compared results to model calculations using TALYS and ALICE-IPPE codes. JOUR ARISE 67 1348
	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=48 *(continued)*

	2009SI24	NUCLEAR REACTIONS Ti(t, X)^{48}V, E=2.74 MeV; measured Eγ, Iγ; deduced isotope yields. JOUR RAACA 465 543
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{48}Cr	2008SA44	NUCLEAR REACTIONS ^{24}Mg(^{24}Mg, X)^{48}Cr / ^{45}Ti / ^{44}Sc / ^{42}Ca / ^{41}K / ^{41}Ca / ^{39}K / ^{38}Ar / ^{37}Ar, E=45.7 MeV; measured Eγ, Iγ, $\gamma\gamma$-, particle-γ-coin.; deduced ^{48}Cr population mechanism, molecular resonances. JOUR IMPEE 17 2029
^{48}Ni	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124

A=49

^{49}V	2009BR06	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{49}Fe / ^{49}V / ^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{49}Fe, ^{53}Ni; deduced levels, J, π. JOUR PRVCA 80 011306
^{49}Fe	2009BR06	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{49}Fe / ^{49}V / ^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{49}Fe, ^{53}Ni; deduced levels, J, π. JOUR PRVCA 80 011306

A=50

^{50}Cl	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{50}K	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
^{50}Ca	2008KRZW	NUCLEAR REACTIONS ^{86}Kr(^{9}Be, X), ^{124}Xe(^{9}Be, X), E=500, 1000 MeV / nucleon;^{50}Ca, ^{56}Ti, ^{100}Sn; measured Eγ, Iγ; deduced angular momentum values, spectroscopic factors. CONF Cappadocia (Nuclear Physics and Astrophysics),P52,Krucken
	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
	2009ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV;^{50}Ca, ^{51}Sc, ^{44,45,46}Ar; measured Eγ, Iγ; deduced lifetime, B(E2). JOUR APOBB 40 485

A=50 *(continued)*

	2009VA06	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, ^{50}Ca), (^{48}Ca, ^{51}Sc), E=310 MeV; measured Eγ, Iγ, half-lives for first excited states using DSAM. ^{50}Ca, ^{51}Sc; deduced B(E2). JOUR PRLTA 102 242502
^{50}V	2009VE01	NUCLEAR REACTIONS ^{51}V(γ, n), E=25.5 MeV; ^{52}Cr(γ, n), E=18.5, 21.0, 23.0 MeV; measured neutron emission spectra, cross sections. JOUR PANUE 72 387
^{50}Cr	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
^{50}Mn	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009FU15	NUCLEAR REACTIONS ^{50}Cr, ^{58}Ni, ^{56}Fe(^{3}He, t), E=140 MeV / nucleon; measured reaction products; deduced GT transition strengths. JOUR IMPEE 18 2134

A=51

^{51}Sc	2009BH02	NUCLEAR REACTIONS ^{48}Ca(^{238}U, X)^{51}Sc / ^{52}Sc / ^{53}Sc, E=1.31 GeV; measured Eγ, Iγ, yrast and non-yrast states; deduced levels, J, π. Comparison with shell-model calculations using full pf space. JOUR PRVCA 79 014313
	2009ME05	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=310 MeV;^{50}Ca, ^{51}Sc, ^{44,45,46}Ar; measured Eγ, Iγ; deduced lifetime, B(E2). JOUR APOBB 40 485
	2009VA06	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, ^{50}Ca), (^{48}Ca, ^{51}Sc), E=310 MeV; measured Eγ, Iγ, half-lives for first excited states using DSAM. ^{50}Ca, ^{51}Sc; deduced B(E2). JOUR PRLTA 102 242502
^{51}Ti	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
^{51}V	2009LIZY	NUCLEAR REACTIONS ^{51}V(^{8}Li, ^{8}Li), E=26 MeV; ^{51}V(^{6}He, ^{6}He), E=15.4, 23 MeV; ^{120}Sn(^{6}He, ^{6}He), E=17.4, 17.1, 19.8, 20.5 MeV; measured E(particle), θ(particle), I(particle); deduced dσ; calculated dσ using CDCC; ^{120}Sn(^{6}He, α), E=17.4, 17.1, 19.8, 20.5 MeV; measured Eα, Iα, $\theta\alpha$; deduced dσ; calculated dσ using CDCC and Transfer-to-Continuum DWBA; ^{120}Sn(^{6}He, ^{5}He), E=17.4, 17.1, 19.8, 20.5 MeV; calculated dσ. RIBRAS system. CONF Brazil (Nuclear Physics 2008) Proc. P76,Lichtenthaler
^{51}Cr	2009VE01	NUCLEAR REACTIONS ^{51}V(γ, n), E=25.5 MeV; ^{52}Cr(γ, n), E=18.5, 21.0, 23.0 MeV; measured neutron emission spectra, cross sections. JOUR PANUE 72 387

A=51 ***(continued)***

^{51}Mn	2007SZZY	NUCLEAR REACTIONS V(^{3}He, X)^{51}Mn / ^{52}Mn, E < 40 MeV; measured Eγ, Iγ; deduced σ. REPT ATOMKI 2007 Annual,P69,Szelecsenyi

A=52

^{52}Sc	2009BH02	NUCLEAR REACTIONS ^{48}Ca(^{238}U, X)^{51}Sc / ^{52}Sc / ^{53}Sc, E=1.31 GeV; measured Eγ, Iγ, yrast and non-yrast states; deduced levels, J, π. Comparison with shell-model calculations using full pf space. JOUR PRVCA 79 014313
	2009ZH23	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{52}Ti / ^{52}Sc / ^{55}V / ^{55}Cr, E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by DSAM. ^{52}Ti; deduced levels, J, π. Comparison with full fp shell-model calculations using GXPF1A, FPD6, and KB3G effective interactions. JOUR PRVCA 80 024318
	2009ZH23	RADIOACTIVITY ^{52}Sc(β^-)[from ^{9}Be(^{48}Ca, X), E=172 MeV]; measured Eγ, Iγ and $\gamma\gamma$-coin. ^{52}Ti; deduced levels, J, π. JOUR PRVCA 80 024318
^{52}Ti	2009ZH23	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{52}Ti / ^{52}Sc / ^{55}V / ^{55}Cr, E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by DSAM. ^{52}Ti; deduced levels, J, π. Comparison with full fp shell-model calculations using GXPF1A, FPD6, and KB3G effective interactions. JOUR PRVCA 80 024318
	2009ZH23	RADIOACTIVITY ^{52}Sc(β^-)[from ^{9}Be(^{48}Ca, X), E=172 MeV]; measured Eγ, Iγ and $\gamma\gamma$-coin. ^{52}Ti; deduced levels, J, π. JOUR PRVCA 80 024318
^{52}Mn	2007SZZY	NUCLEAR REACTIONS V(^{3}He, X)^{51}Mn / ^{52}Mn, E < 40 MeV; measured Eγ, Iγ; deduced σ. REPT ATOMKI 2007 Annual,P69,Szelecsenyi
	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
	2009KIZY	NUCLEAR REACTIONS Mo(n, γ), E=0.01-200 eV; measured In; deduced σ; ^{186}W(n, γ), E=thermal; ^{98}Mo(n, γ), E=thermal; measured In relative to ^{197}Au(n, γ); deduced σ, resonance integral; ^{45}Sc(γ, n), E=65 MeV; Ti(γ, x)^{44}Sc, E=65 MeV; ^{103}Rh(γ, 4n), E=65 MeV; Fe(γ, x)^{52}Mn, E=65 MeV; measured Eγ, Iγ; deduced σ, isomeric transition. Compared to other data. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P72,Kim
^{52}Ni	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124

A=53

^{53}Ar	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{53}Ca	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
^{53}Sc	2009BH02	NUCLEAR REACTIONS ^{48}Ca(^{238}U, X)^{51}Sc / ^{52}Sc / ^{53}Sc, E=1.31 GeV; measured Eγ, Iγ, yrast and non-yrast states; deduced levels, J, π. Comparison with shell-model calculations using full pf space. JOUR PRVCA 79 014313
	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
^{53}V	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
^{53}Cr	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{53}Mn	2009BR06	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{49}Fe / ^{49}V / ^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{49}Fe, ^{53}Ni; deduced levels, J, π. JOUR PRVCA 80 011306
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
	2009WAZZ	NUCLEAR REACTIONS ^{54}Fe(n, np), E≈13.4-14.9 MeV; ^{54}Fe(n, d), E≈13.4-14.9 MeV; ^{54}Fe(n, 2n), E≈13.4-14.9 MeV; measured ^{53}Mn yield using accelerator mass spectrometry; deduced σ as the sum of all three reactions. Compared to ENDF-B / VII and other data. REPT MLL 2008 Annual,P28,Wallner
^{53}Fe	2009WAZZ	NUCLEAR REACTIONS ^{54}Fe(n, np), E≈13.4-14.9 MeV; ^{54}Fe(n, d), E≈13.4-14.9 MeV; ^{54}Fe(n, 2n), E≈13.4-14.9 MeV; measured ^{53}Mn yield using accelerator mass spectrometry; deduced σ as the sum of all three reactions. Compared to ENDF-B / VII and other data. REPT MLL 2008 Annual,P28,Wallner
^{53}Ni	2009BR06	NUCLEAR REACTIONS ^{9}Be(^{56}Ni, X)^{49}Fe / ^{49}V / ^{53}Ni / ^{53}Mn, E not given; measured Eγ, Iγ, (particle)γ-coin. ^{49}Fe, ^{53}Ni; deduced levels, J, π. JOUR PRVCA 80 011306

A=54

^{54}Sc	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
^{54}Ti	2009CR03	RADIOACTIVITY ^{54}Sc, ^{50}K, ^{53}Ca(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, isomeric transitions. JOUR APOBB 40 481
^{54}Cr	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{54}Mn	2008ADZX	RADIOACTIVITY ^{54}Mn; measured $T_{1/2}$. compared with adopted value. REPT Univ Washington Annual 2008,P53,Adelberger
	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
^{54}Fe	2009EA02	NUCLEAR REACTIONS C(^{54}Fe, ^{54}Fe'), (^{56}Fe, ^{56}Fe'), (^{58}Fe, ^{58}Fe), E=110 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, ^{12}C-γ coin, precession angles. ^{54,56,58}Fe; deduced g factors. JOUR PRVCA 79 024304
	2009EA02	NUCLEAR MOMENTS ^{54,56,58}Fe; measured g factors of first 2+ states of ^{54}Fe and ^{58}Fe relative to that of the first 2+ state in ^{56}Fe using transient-field technique in Coulomb excitation in inverse kinematics. Comparison with shell-model calculations in fp model space. JOUR PRVCA 79 024304
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009JO03	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 2pα), E=136, 143, 148 MeV; measured Eγ, Iγ, Ep, Ip, Eα, (particle)γ-, nγ-, pγ-, $\alpha\gamma$-, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO. ^{58}Ni; deduced levels, J, π, multipolarity, mixing ratio, bands and configurations. ^{57}Co, ^{54}Fe; deduced levels, J, π from prompt proton and α emission from ^{58}Ni high-spin states. Comparison with large-scale shell model and cranked Nilsson-Strutinsky calculations. JOUR PRVCA 80 014321
^{54}Co	2008FUZW	NUCLEAR REACTIONS ^{54}Fe(^{3}He, t), (^{3}He, 3N), E=140 MeV / nucleon; measured Eγ, Iγ, $\beta\gamma$-coin.; deduced absolute values of Gamow-Teller transition strengths B(GT). CONF Cappadocia (Nuclear Physics and Astrophysics),P3,Fujita
	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
^{54}Zn	2009BL06	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, Ip, β^+p-coin for 2p decay mode; ^{59}Ge, ^{63}Se, ^{67}Kr deduced as new two-proton radioactivity candidates. Reviewed sequential and direct 2p decay modes. JOUR IMPEE 18 2124

A=55

^{55}K	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{55}Ti	2009MA16	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, n^{47}Ca), (^{56}Ti, n^{55}Ti), E=450 MeV / nucleon; measured σ, Eγ, Iγ, (recoil)γ-coin after Doppler correction, momentum distributions. ^{47}Ca, ^{55}Ti; deduced J, π, levels. Comparison with shell-model calculations. FRS with secondary beam and MINIBALL array. JOUR PYLBB 675 22
^{55}V	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009ZH23	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{52}Ti / ^{52}Sc / ^{55}V / ^{55}Cr, E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by DSAM. ^{52}Ti; deduced levels, J, π. Comparison with full fp shell-model calculations using GXPF1A, FPD6, and KB3G effective interactions. JOUR PRVCA 80 024318
^{55}Cr	2009ZH23	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{52}Ti / ^{52}Sc / ^{55}V / ^{55}Cr, E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by DSAM. ^{52}Ti; deduced levels, J, π. Comparison with full fp shell-model calculations using GXPF1A, FPD6, and KB3G effective interactions. JOUR PRVCA 80 024318
^{55}Mn	2009CA22	NUCLEAR REACTIONS ^{55}Mn(γ, γ'), E<2.8 MeV; measured Eγ, Iγ and absolute cross sections. ^{55}Mn; deduced levels, half-lives and branching ratios. Comparison with previous experimental and evaluated data. JOUR PRVCA 80 037302
^{55}Fe	2009MA32	NUCLEAR REACTIONS ^{54}Fe(polarized d, p), E=14 MeV; measured reaction product spectra, $\sigma(\theta)$, analyzing power. ^{55}Fe; deduced levels, J, π, spectroscopic factors. DWBA analysis. Role of cross-shell excitation discussed. Comparison with shell model. JOUR ZAANE 40 35
^{55}Co	2009BE22	RADIOACTIVITY ^{55}Ni(β^+)[from ^{9}Be(^{58}Ni, X), E=160 MeV / nucleon];measured β asymmetry from spin polarized ^{55}Ni ions, deduced g-factor. JOUR PRVCA 79 064305
	2009BE22	NUCLEAR MOMENTS ^{55}Ni; measured g-factor by β-NMR method; deduced magnetic moment. ^{55}Ni, ^{55}Co; comparison of measured magnetic moments with shell-model calculations in full fp shell using GXPF1 interaction. JOUR PRVCA 79 064305

A=55 *(continued)*

	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
^{55}Ni	2009BE22	RADIOACTIVITY ^{55}Ni(β^+)[from ^{9}Be(^{58}Ni, X), E=160 MeV / nucleon];measured β asymmetry from spin polarized ^{55}Ni ions, deduced g-factor. JOUR PRVCA 79 064305
	2009BE22	NUCLEAR MOMENTS ^{55}Ni; measured g-factor by β-NMR method; deduced magnetic moment. ^{55}Ni, ^{55}Co; comparison of measured magnetic moments with shell-model calculations in full fp shell using GXPF1 interaction. JOUR PRVCA 79 064305

A=56

^{56}K	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{56}Ti	2008KRZW	NUCLEAR REACTIONS ^{86}Kr(^{9}Be, X), ^{124}Xe(^{9}Be, X), E=500, 1000 MeV / nucleon;^{50}Ca, ^{56}Ti, ^{100}Sn; measured Eγ, Iγ; deduced angular momentum values, spectroscopic factors. CONF Cappadocia (Nuclear Physics and Astrophysics),P52,Krucken
^{56}Cr	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{56}Fe	2008AL35	NUCLEAR REACTIONS ^{57}Fe(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. Deduced level densities, thermodynamic properties. JOUR PRVCA 78 054321
	2009BRZZ	RADIOACTIVITY ^{56}Co(EC); measured Eγ, Iγ, circular polarization. Deduced electron neutrino helicity. CONF Cheboksary,P82,Brudanin
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009EA01	NUCLEAR REACTIONS C(^{56}Fe, ^{56}Fe'), (^{57}Fe, ^{57}Fe'), E=2 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, ^{12}C-γ coin, angular correlations, precession angles. ^{56,57}Fe; deduced g factors. JOUR PRVCA 79 024303

A=56 *(continued)*

	2009EA01	NUCLEAR MOMENTS ^{56}Fe, ^{57}Fe; measured g factor of first 2+ state of ^{56}Fe relative to that of the first 5 / 2- state in ^{57}Fe using transient-field technique in Coulomb excitation. JOUR PRVCA 79 024303
	2009EA02	NUCLEAR REACTIONS C(^{54}Fe, ^{54}Fe'), (^{56}Fe, ^{56}Fe'), (^{58}Fe, ^{58}Fe), E=110 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, ^{12}C-γ coin, precession angles. ^{54,56,58}Fe; deduced g factors. JOUR PRVCA 79 024304
	2009EA02	NUCLEAR MOMENTS ^{54,56,58}Fe; measured g factors of first 2+ states of ^{54}Fe and ^{58}Fe relative to that of the first 2+ state in ^{56}Fe using transient-field technique in Coulomb excitation in inverse kinematics. Comparison with shell-model calculations in fp model space. JOUR PRVCA 79 024304
^{56}Co	2009BRZZ	RADIOACTIVITY ^{56}Co(EC); measured Eγ, Iγ, circular polarization. Deduced electron neutrino helicity. CONF Cheboksary,P82,Brudanin
	2009FU15	NUCLEAR REACTIONS ^{50}Cr, ^{58}Ni, ^{56}Fe(^{3}He, t), E=140 MeV / nucleon; measured reaction products; deduced GT transition strengths. JOUR IMPEE 18 2134
	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15

A=57

^{57}Ca	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{57}Sc	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{57}V	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
^{57}Mn	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi

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

	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{57}Fe	2008AL35	NUCLEAR REACTIONS ^{57}Fe(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. Deduced level densities, thermodynamic properties. JOUR PRVCA 78 054321
	2009EA01	NUCLEAR REACTIONS C(^{56}Fe, ^{56}Fe'), (^{57}Fe, ^{57}Fe'), E=2 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, ^{12}C-γ coin, angular correlations, precession angles. ^{56,57}Fe; deduced g factors. JOUR PRVCA 79 024303
	2009EA01	NUCLEAR MOMENTS ^{56}Fe, ^{57}Fe; measured g factor of first 2+ state of ^{56}Fe relative to that of the first 5 / 2- state in ^{57}Fe using transient-field technique in Coulomb excitation. JOUR PRVCA 79 024303
	2009VO02	NUCLEAR REACTIONS ^{55}Mn(^{6}Li, X), (^{7}Li, X), E=15 MeV; ^{59}Co(d, p), (d, α), E=7.5 MeV; measured neutron and proton evaporation spectra, α spectra, σ. Hauser-Feshbach analysis. Comparison with predictions of constant temperature, Fermi-gas, and Hartree-Fock-BCS models. JOUR PRVCA 79 031301
^{57}Co	2009HU13	NUCLEAR REACTIONS ^{58}Ni(α, α'p), E=386 MeV; measured Eα, Iα, αp-coin, σ, $\sigma(\theta)$, and width. ^{58}Ni; deduced isoscalar giant dipole resonance (ISGDR), associated resonance parameters and branching ratios for proton decays to ^{57}Co; analyzed EWSR. ^{57}Co; deduced levels, J, π. Grand Raiden spectrometer at RCNP facility. Proton branching ratios compared with continuum-RPA calculations. JOUR PRVCA 80 044317
	2009JO03	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 2pα), E=136, 143, 148 MeV; measured Eγ, Iγ, Ep, Ip, Eα, (particle)γ-, nγ-, pγ-, $\alpha\gamma$-, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO. ^{58}Ni; deduced levels, J, π, multipolarity, mixing ratio, bands and configurations. ^{57}Co, ^{54}Fe; deduced levels, J, π from prompt proton and α emission from ^{58}Ni high-spin states. Comparison with large-scale shell model and cranked Nilsson-Strutinsky calculations. JOUR PRVCA 80 014321
	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
^{57}Ni	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{57}Cu	2009CO14	NUCLEAR MOMENTS ^{57,59,63,65}Cu; measured hyperfine spectra and parameters; deduced nuclear magnetic dipole moments. Comparison with GXPF1 shell model calculations. JOUR PRLTA 103 102501

A=57 *(continued)*

	2009JI08	NUCLEAR REACTIONS ^{3}He(^{56}Ni, d), E=250 MeV; measured Ed, Id, σ, $\sigma(\theta)$. ^{57}Cu; deduced levels, J, π, spectroscopic factors. DWBA analysis. Discussed implications for ^{56}Ni(p, γ)^{57}Cu reaction of astrophysical interest. JOUR PRVCA 80 044613

A=58

^{58}Ca	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{58}Ti	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{58}Cr	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{58}Fe	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009EA02	NUCLEAR REACTIONS C(^{54}Fe, ^{54}Fe'), (^{56}Fe, ^{56}Fe'), (^{58}Fe, ^{58}Fe), E=110 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-, ^{12}C-γ coin, precession angles. ^{54,56,58}Fe; deduced g factors. JOUR PRVCA 79 024304
	2009EA02	NUCLEAR MOMENTS ^{54,56,58}Fe; measured g factors of first 2+ states of ^{54}Fe and ^{58}Fe relative to that of the first 2+ state in ^{56}Fe using transient-field technique in Coulomb excitation in inverse kinematics. Comparison with shell-model calculations in fp model space. JOUR PRVCA 79 024304
^{58}Co	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15

A=58 *(continued)*

^{58}Ni	2008GR22	NUCLEAR REACTIONS ^{12}C, ^{48}Ti, ^{58,64}Ni(d, d'), E=37 MeV; measured Ed, Id; deduced σ(E, θ), excitation of electric giant resonances. JOUR PANUE 71 1711
	2009AG02	NUCLEAR REACTIONS ^{58}Ni(^{6}Li, ^{6}Li), E=9.9, 11.2, 12.1, 13.0, 14.0 MeV; ^{58}Ni(^{7}Be, ^{7}Be), E=15.1, 17.1, 18.5, 19.9, 21.4 MeV; ^{58}Ni(^{8}B, ^{8}B), E=20.7, 23.4, 25.3, 27.2, 29.3 MeV; measured σ, angular distributions; deduced total reaction and breakup cross section for (^{8}B, ^{8}B) reaction, and proton halo effects for ^{8}B. Comparison with optical-model calculations. JOUR PRVCA 79 021601
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009HU13	NUCLEAR REACTIONS ^{58}Ni(α, α'p), E=386 MeV; measured Eα, Iα, αp-coin, σ, $\sigma(\theta)$, and width. ^{58}Ni; deduced isoscalar giant dipole resonance (ISGDR), associated resonance parameters and branching ratios for proton decays to ^{57}Co; analyzed EWSR. ^{57}Co; deduced levels, J, π. Grand Raiden spectrometer at RCNP facility. Proton branching ratios compared with continuum-RPA calculations. JOUR PRVCA 80 044317
	2009JO03	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 2pα), E=136, 143, 148 MeV; measured Eγ, Iγ, Ep, Ip, Eα, (particle)γ-, nγ-, pγ-, $\alpha\gamma$-, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO. ^{58}Ni; deduced levels, J, π, multipolarity, mixing ratio, bands and configurations. ^{57}Co, ^{54}Fe; deduced levels, J, π from prompt proton and α emission from ^{58}Ni high-spin states. Comparison with large-scale shell model and cranked Nilsson-Strutinsky calculations. JOUR PRVCA 80 014321
	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
^{58}Cu	2008AN15	NUCLEAR REACTIONS ^{58,60,62,64}Ni(p, n), E=134.3 MeV; measured neutron spectra, angular distributions, σ; calculated B(GT), reaction rates. ^{58,60,62,64}Cu; deduced levels. Comparison with (n, p) reactions, shell model calculations. JOUR PRVCA 78 065803
	2009FU15	NUCLEAR REACTIONS ^{50}Cr, ^{58}Ni, ^{56}Fe(^{3}He, t), E=140 MeV / nucleon; measured reaction products; deduced GT transition strengths. JOUR IMPEE 18 2134
	2009FU15	RADIOACTIVITY ^{58}Zn(β^+), (EC) [from Ni(^{64}Zn, X)]; measured Eγ, Iγ; deduced $T_{1/2}$. JOUR IMPEE 18 2134

A=58 *(continued)*

	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
^{58}Zn	2009FU15	RADIOACTIVITY ^{58}Zn(β^+), (EC) [from Ni(^{64}Zn, X)]; measured Eγ, Iγ; deduced $T_{1/2}$. JOUR IMPEE 18 2134

A=59

^{59}Sc	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{59}Ti	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{59}V	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{59}Mn	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{59}Fe	2009KI01	NUCLEAR REACTIONS Ti(d, X)^{48}V, E < 10 MeV; Fe(d, X)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{59}Fe / ^{52}Mn / ^{54}Mn, E < 10 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 267 15
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{59}Co	2008WAZW	RADIOACTIVITY ^{59}Ni(EC); analyzed prior $T_{1/2}$ measurement that relied on n-capture s*null*for ^{54}Fe. CONF Nice (Nucl Data for Sci and Technol) Proc,P1007

A=59 *(continued)*

	2009GUZY	NUCLEAR REACTIONS ^{62}Ni(p, α), E=23 MeV using polarized p; measured Eα, Iα, $\theta\alpha$; deduced $\sigma(\theta)$, analyzing power, J, π, optical model parameters. Computer code TWOFNR. REPT MLL 2008 Annual,P6,Guazzoni
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{59}Ni	2008WAZW	NUCLEAR REACTIONS ^{60}Ni(n, 2n), E=17, 19 MeV; measured reaction fragments, Eγ, Iγ; deduced σ. AMS, comparison with other measurements and evaluations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1007
	2008WAZW	RADIOACTIVITY ^{59}Ni(EC); analyzed prior $T_{1/2}$ measurement that relied on n-capture s*null*for ^{54}Fe. CONF Nice (Nucl Data for Sci and Technol) Proc,P1007
	2009DIZZ	NUCLEAR REACTIONS ^{58}Ni(n, γ), E = low (simulation of Maxwellian distribution at kT=25 keV); measured ^{59}Ni yield using AMS; deduced σ. Compared to other data. REPT MLL 2008 Annual,P29,Dillmann
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{59}Cu	2009CO14	NUCLEAR MOMENTS ^{57,59,63,65}Cu; measured hyperfine spectra and parameters; deduced nuclear magnetic dipole moments. Comparison with GXPF1 shell model calculations. JOUR PRLTA 103 102501

A=60

^{60}Sc	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{60}V	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320

A=60 ***(continued)***

^{60}Cr	2009AO01	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), E=42 MeV / nucleon; ^{1}H(^{62}Cr, ^{62}Cr'), E=39 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coin. ^{60}Cr; deduced deformation length. ^{62}Cr; deduced levels, J, π, deformation length. JOUR PRLTA 102 012502
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{60}Mn	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{60}Fe	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009RU08	RADIOACTIVITY ^{60}Fe(β^-); measured Eγ, γ; deduced $T_{1/2}$. JOUR PRLTA 103 072502
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela
^{60}Co	2009OG06	NUCLEAR REACTIONS ^{58}Fe(^{6}Li, X), E=15 MeV; ^{57}Fe(^{7}Li, X), E=15 MeV; measured particle spectra, σ, angular distributions; deduced optical model parameters. ^{60}Co, ^{63}Ni; deduced level densities. Comparison with Hauser-Feshbach model calculations. JOUR PRVCA 80 034305
	2009RU08	RADIOACTIVITY ^{60}Fe(β^-); measured Eγ, γ; deduced $T_{1/2}$. JOUR PRLTA 103 072502
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
	2009VAZY	RADIOACTIVITY ^{10}Be, ^{36}Cl, ^{60}Fe(β^-);^{26}Al, ^{41}Ca, ^{59}Ni, ^{53}Mn(β^+); measured E(e), I(e); deduced age of the crater. REPT MLL 2008 Annual,P25,Valenzuela

A=60 *(continued)*

	2009VO02	NUCLEAR REACTIONS ^{55}Mn(^{6}Li, X), (^{7}Li, X), E=15 MeV; ^{59}Co(d, p), (d, α), E=7.5 MeV; measured neutron and proton evaporation spectra, α spectra, σ. Hauser-Feshbach analysis. Comparison with predictions of constant temperature, Fermi-gas, and Hartree-Fock-BCS models. JOUR PRVCA 79 031301
^{60}Ni	2008TO15	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, 4p), E=134, 143, 148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{60}Ni; deduced levels, J, π, multipolarity, mixing ratios, B(M1), B(E2). Comparison with cranked Nilsson Strutinsky calculations. JOUR PRVCA 78 054318
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{60}Cu	2008AN15	NUCLEAR REACTIONS ^{58,60,62,64}Ni(p, n), E=134.3 MeV; measured neutron spectra, angular distributions, σ; calculated B(GT), reaction rates. ^{58,60,62,64}Cu; deduced levels. Comparison with (n, p) reactions, shell model calculations. JOUR PRVCA 78 065803

A=61

^{61}Sc	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{61}Cr	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{61}Mn	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320

A=61 *(continued)*

^{61}Fe	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
^{61}Co	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309
^{61}Ni	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
^{61}Cu	2008ANZZ	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, X), E=142, 143, 148 MeV; ^{61}Cu, ^{61}Zn;measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma\gamma$-coin.; deduced level scheme, energies, J, π. Cranked Nilsson-Strutinsky calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P211,Andersson
^{61}Zn	2008ANZZ	NUCLEAR REACTIONS ^{28}Si(^{36}Ar, X), E=142, 143, 148 MeV; ^{61}Cu, ^{61}Zn;measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma\gamma$-coin.; deduced level scheme, energies, J, π. Cranked Nilsson-Strutinsky calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P211,Andersson
	2009AN01	NUCLEAR REACTIONS ^{36}Ar(^{28}Si, n2p), E=142, 148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, neutron and particle spectra. ^{61}Zn; deduced levels, J, π, multipolarity, bands. Comparison with Cranked Nilsson-Strutinsky calculations. JOUR PRVCA 79 024312

A=62

^{62}Ti	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609

A=62 ***(continued)***

^{62}Cr	2009AO01	NUCLEAR REACTIONS ^{1}H(^{60}Cr, ^{60}Cr'), E=42 MeV / nucleon; ^{1}H(^{62}Cr, ^{62}Cr'), E=39 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coin. ^{60}Cr; deduced deformation length. ^{62}Cr; deduced levels, J, π, deformation length. JOUR PRLTA 102 012502
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{62}Mn	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
^{62}Fe	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{62}Co	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
^{62}Ni	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{62}Cu	2008AN15	NUCLEAR REACTIONS ^{58,60,62,64}Ni(p, n), E=134.3 MeV; measured neutron spectra, angular distributions, σ; calculated B(GT), reaction rates. ^{58,60,62,64}Cu; deduced levels. Comparison with (n, p) reactions, shell model calculations. JOUR PRVCA 78 065803
^{62}Zn	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009SI22	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn, E=7-16.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with the IAEA Charged particle cross section database for medical radioisotope production. JOUR ARISE 67 2037
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48

A=62 *(continued)*

^{62}Ga	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=63

^{63}Ti	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{63}Mn	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009CR02	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{57}Sc / ^{58}Ti / ^{59}Ti / ^{59}V / ^{60}V / ^{60}Cr / ^{61}Cr / ^{62}Cr / ^{62}Mn / ^{63}Mn, E=130 MeV / nucleon; measured yields. JOUR PRVCA 79 054320
	2009MA22	RADIOACTIVITY ^{63}Mn(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, $T_{1/2}$, B(M1). JOUR APOBB 40 477
^{63}Fe	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009MA22	RADIOACTIVITY ^{63}Mn(β^-);measured Eγ, Iγ;deduced level scheme, Jπ, $T_{1/2}$, B(M1). JOUR APOBB 40 477
^{63}Co	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309
^{63}Ni	2007TSZY	NUCLEAR REACTIONS ^{2}H(^{62}Ni, p), E=3.5 MeV / nucleon; measured Ep, Ip, θ(p); deduced σ; calculated spectroscopic factor. Experimental value still to be deduced. REPT JAEA-Review 2007-046,P49,Tshoo

A=63 *(continued)*

	2008DIZX	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=low; measured Iγ, Eγ using activation method plus accelerator mass spectrometry; deduced σ. Compared with older data. REPT MLL 2007 Annual,P27,Dillmann
	2009OG06	NUCLEAR REACTIONS ^{58}Fe(^{6}Li, X), E=15 MeV; ^{57}Fe(^{7}Li, X), E=15 MeV; measured particle spectra, σ, angular distributions; deduced optical model parameters. ^{60}Co, ^{63}Ni; deduced level densities. Comparison with Hauser-Feshbach model calculations. JOUR PRVCA 80 034305
^{63}Cu	2008SH24	NUCLEAR REACTIONS ^{63}Cu(^{16}O, ^{16}O), E=30.0-48.0 MeV; measured σ, angular distributions; deduced experimental barrier distributions. Comparison with coupled channel calculations. JOUR PRVCA 78 064610
	2009CO14	NUCLEAR MOMENTS ^{57,59,63,65}Cu; measured hyperfine spectra and parameters; deduced nuclear magnetic dipole moments. Comparison with GXPF1 shell model calculations. JOUR PRLTA 103 102501
^{63}Zn	2009BE16	NUCLEAR REACTIONS ^{27}Al(d, p), (d, 2p), (d, pα), E=3.38-20.18 MeV; ^{63}Cu(d, 2n), E=4-20 MeV; measured excitation functions. ^{27}Al(d, n), (d, 2n), (d, α), E<25 MeV; comparison of cross section data. Comparison with calculations from TALYS and ACSELAM computer codes, and experimental data. JOUR PRVCA 79 044610
	2009LEZY	NUCLEAR REACTIONS ^{64}Zn(d, t), E=22 MeV; measured Et, It, θ(t) with polarized d; deduced J, π, $\sigma(\theta)$, analyzing powers. REPT MLL 2008 Annual,P7,Leach
	2009SI22	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn, E=7-16.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with the IAEA Charged particle cross section database for medical radioisotope production. JOUR ARISE 67 2037

A=64

^{64}Fe	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{64}Ni	2008FA12	RADIOACTIVITY ^{64}Cu(β^+), (β^-); measured half-life, temperature dependence. JOUR PRVCA 78 057301
	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008GR22	NUCLEAR REACTIONS ^{12}C, ^{48}Ti, ^{58,64}Ni(d, d'), E=37 MeV; measured Ed, Id; deduced σ(E, θ), excitation of electric giant resonances. JOUR PANUE 71 1711

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

	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
^{64}Cu	2008AN15	NUCLEAR REACTIONS ^{58,60,62,64}Ni(p, n), E=134.3 MeV; measured neutron spectra, angular distributions, σ; calculated B(GT), reaction rates. ^{58,60,62,64}Cu; deduced levels. Comparison with (n, p) reactions, shell model calculations. JOUR PRVCA 78 065803
	2008FA12	RADIOACTIVITY ^{64}Cu(β^+), (β^-); measured half-life, temperature dependence. JOUR PRVCA 78 057301
	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009DA04	NUCLEAR REACTIONS ^{64}Ni(d, 2n), (d, p), E < 20.5 MeV; measured Eγ, Iγ, excitation function using the stacked foil activation technique. JOUR ARISE 67 506
	2009HI08	NUCLEAR REACTIONS ^{64}Zn(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$ and Gamow-Teller strength distributions; deduced electron capture rate on ^{64}Zn as a function of stellar temperature. Comparison with shell model calculations and experimental data from ^{64}Zn(d, ^{2}He) reaction. JOUR PRVCA 80 014313
	2009PO07	NUCLEAR REACTIONS ^{64}Ni(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, σ, $\sigma(\theta)$, L. ^{64}Cu; deduced levels, J, π, Gamow-Teller strengths, and Gamow-Teller Giant resonance. Comparison with Ikeda sum rule predictions. JOUR PRVCA 79 064312
	2009RE02	NUCLEAR REACTIONS ^{64}Ni(p, n), E < 24 MeV; measured Eγ, Iγ, excitation function using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 267 457
^{64}Zn	2008FA12	RADIOACTIVITY ^{64}Cu(β^+), (β^-); measured half-life, temperature dependence. JOUR PRVCA 78 057301

A=64 *(continued)*

	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{64}Ge	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=65

^{65}V	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{65}Fe	2008LUZZ	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), (^{70}Zn, X), E=400, 460 MeV;^{53,55,57}V, ^{57,59,61,63}Mn, ^{61,63,65}Fe; measured Eγ, Iγ;deduced J, π, level scheme, deformation. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P160,Lunardi
	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309
^{65}Co	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309

A=65 *(continued)*

	2009PA16	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{65}Co; deduced levels, J, π, configurations. JOUR PRVCA 79 044309
^{65}Ni	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009DA04	NUCLEAR REACTIONS ^{64}Ni(d, 2n), (d, p), E < 20.5 MeV; measured Eγ, Iγ, excitation function using the stacked foil activation technique. JOUR ARISE 67 506
	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309
^{65}Cu	2009CO14	NUCLEAR MOMENTS ^{57,59,63,65}Cu; measured hyperfine spectra and parameters; deduced nuclear magnetic dipole moments. Comparison with GXPF1 shell model calculations. JOUR PRLTA 103 102501
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{65}Zn	2009SI22	NUCLEAR REACTIONS Cu(p, X)^{62}Zn / ^{63}Zn / ^{65}Zn, E=7-16.5 MeV; measured Eγ, Iγ; deduced σ. Comparison with the IAEA Charged particle cross section database for medical radioisotope production. JOUR ARISE 67 2037
	2009SZ03	NUCLEAR REACTIONS ^{192}Os(p, α3n), ^{186}W(p, n), (d, 2n), Cu(p, X)^{65}Zn, Al(p, X)^{24}Na, E<66.7 MeV; measured reaction products, Eγ, Iγ; deduced σ, uncertainties. JOUR JRNCD 282 261
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
	2009VA05	NUCLEAR REACTIONS ^{88}Sr(p, n), Cu(p, x), E=5-20 MeV; ^{65}Zn; Measured σ. $SrCl_2$ target. Ion exchange chromatographic methods. JOUR ARISE 67 1320

A=66

^{66}V	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{66}Fe	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{66}Ni	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{66}Cu	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318

A=67

^{67}Fe	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309
^{67}Co	2009PA16	RADIOACTIVITY ^{65,65m}Fe, ^{65}Co, ^{67}Fe(β^-)[from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-lives. ^{65}Co, ^{65}Ni, ^{67}Co; deduced levels, J, π, configurations. ^{61,63,65}Co; level systematics. Interpretation in terms of core coupled states with proton intruder orbitals. JOUR PRVCA 79 044309

A=67 *(continued)*

^{67}Cu	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009BH06	NUCLEAR REACTIONS ^{67}Zn, ^{92}Mo(n, p), ^{98}Mo(n, γ), E=1.6, 3.7 MeV; measured Eγ, Iγ; deduced σ. Comparison with EMPIRE-2.19 model code. JOUR NSENA 163 175
	2009SZ01	NUCLEAR REACTIONS ^{68}Zn(p, 2p), E=19.2-39.7 MeV; Measured σ; compiled and evaluated earlier measurements. JOUR NIMBE 267 1877
^{67}Zn	2009OR01	NUCLEAR MOMENTS ^{1}H, ^{67}Zn; measured dynamic nuclear polarization. JOUR PRBMD 79 165316
^{67}As	2009OR02	NUCLEAR REACTIONS ^{40}Ca(^{32}S, αp), (^{32}S, αn), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin., particle-$\gamma\gamma$-coin.; deduced partial level schemes, lifetimes of the excited states, B(E1), B(M2), isovector and isoscalar components of electromagnetic transition amplitudes. JOUR PRLTA 103 052501
	2009WIZX	NUCLEAR REACTIONS ^{40}Ca(^{32}S, x)^{67}As, E=90 MeV;^{40}Ca(^{32}S, x)^{67}Se, E=90 MeV; measured Eγ, Iγ, Eα, Iα, En, In, Ep, Ip, $\gamma\gamma\gamma$-coin., $\gamma\gamma\alpha$n-coin., $\gamma\gamma\alpha$p-coin.; deduced J, π, E using ADO analysis, σ using fusion evaporation code PACE, B(E1), B(M2) transition strengths; calculated σ, B(λ). CONF Brazil (Nuclear Physics 2008) Proc. P115,Wiedemann
^{67}Se	2009OR02	NUCLEAR REACTIONS ^{40}Ca(^{32}S, αp), (^{32}S, αn), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin., particle-$\gamma\gamma$-coin.; deduced partial level schemes, lifetimes of the excited states, B(E1), B(M2), isovector and isoscalar components of electromagnetic transition amplitudes. JOUR PRLTA 103 052501
	2009WIZX	NUCLEAR REACTIONS ^{40}Ca(^{32}S, x)^{67}As, E=90 MeV;^{40}Ca(^{32}S, x)^{67}Se, E=90 MeV; measured Eγ, Iγ, Eα, Iα, En, In, Ep, Ip, $\gamma\gamma\gamma$-coin., $\gamma\gamma\alpha$n-coin., $\gamma\gamma\alpha$p-coin.; deduced J, π, E using ADO analysis, σ using fusion evaporation code PACE, B(E1), B(M2) transition strengths; calculated σ, B(λ). CONF Brazil (Nuclear Physics 2008) Proc. P115,Wiedemann

A=68

^{68}Cr	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609

A=68 *(continued)*

^{68}Fe	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{68}Ni	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
^{68}Se	2009OB02	NUCLEAR REACTIONS ^{197}Au(^{68}Se, X), E=92 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, t-o-f method using SeGa array. ^{68}Se, ^{78}Kr; deduced levels, J, π, B(E2). Coulomb excitation. Systematics of first 2+ states in Z=30-38 self-conjugate nuclei. Comparisons with several theoretical predictions. JOUR PRVCA 80 031304
	2009SA12	ATOMIC MASSES ^{68,70}Se, ^{70,71}Kr; measured masses using a penning trap. JOUR PRLTA 102 132501
	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=69

^{69}Ni	2009ST07	RADIOACTIVITY ^{71}Co, ^{71}Ni(β^-) [from ^{238}U(p, X), E=30 MeV]; measured Eγ, Iγ, β, $\gamma\gamma$-, $\beta\gamma$-coin with laser on Co resonance, half-lives. ^{71}Ni, ^{71}Cu; deduced levels, J, π, configurations. ^{69}Ni, ^{69}Cu; systematics. JOUR PRVCA 79 044325
^{69}Cu	2009ST07	RADIOACTIVITY ^{71}Co, ^{71}Ni(β^-) [from ^{238}U(p, X), E=30 MeV]; measured Eγ, Iγ, β, $\gamma\gamma$-, $\beta\gamma$-coin with laser on Co resonance, half-lives. ^{71}Ni, ^{71}Cu; deduced levels, J, π, configurations. ^{69}Ni, ^{69}Cu; systematics. JOUR PRVCA 79 044325
^{69}Zn	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{69}As	2009BA30	NUCLEAR REACTIONS ^{58}Ni(^{14}N, 2pn), E=37-52 MeV; measured Eγ, Iγ, n-γ, n-$\gamma\gamma$-coin., I$\gamma(\theta)$, linear polarization; ^{69}As deduced levels, J, π, δ. Enriched ^{58}Ni target. JOUR RJPHE 54 467

A=70

^{70}Mn	2009TA05	NUCLEAR REACTIONS ^{9}Be(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured cross sections. JOUR PRLTA 102 142501
	2009TA24	NUCLEAR REACTIONS ^{9}Be, W(^{76}Ge, X)^{50}Cl / ^{53}Ar / ^{55}K / ^{56}K / ^{57}Ca / ^{58}Ca / ^{59}Sc / ^{60}Sc / ^{61}Sc / ^{62}Ti / ^{63}Ti / ^{65}V / ^{66}V / ^{68}Cr / ^{70}Mn, E=132 MeV / nucleon; measured fragment yields, production σ for A=33-74, Z=13-29 nuclides, longitudinal momentum distributions for Z=17-25 nuclides, time-of-flight. Comparison with various model calculations. JOUR PRVCA 80 034609
^{70}Ni	2009CR02	RADIOACTIVITY ^{61}Cr(β^-)[from Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, half-life. ^{61}Mn; deduced levels, J, π. ^{54,56,58,60,62}Cr, ^{56,58,60,62,64,66,68}Fe, ^{58,60,62,64,66,68,70}Ni, ^{57,59,61,63}Mn; level systematics and shell-model calculations. JOUR PRVCA 79 054320
	2009ST05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71}Cu; deduced levels, J, π, configurations. ^{70}Ni, ^{71}Cu, ^{92}Mo; level systematics. Comparison with shell-model calculations. JOUR PRVCA 79 034319
^{70}Zn	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009MU06	NUCLEAR REACTIONS ^{12}C(^{70}Zn, X), E=180-200 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin, $\gamma\gamma(\theta)$, half-lives and spin precessions in a magnetic field. ^{70}Zn; deduced levels, J, π. Comparison with large-scale shell-model calculations. JOUR PRVCA 79 054310
	2009MU06	NUCLEAR MOMENTS ^{70}Zn; measured g factors by projectile Coulomb excitation in inverse kinematics combined with transient magnetic field. Comparison with shell-model calculations. JOUR PRVCA 79 054310
^{70}Ga	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
^{70}Ge	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
^{70}Se	2009SA12	ATOMIC MASSES ^{68,70}Se, ^{70,71}Kr; measured masses using a penning trap. JOUR PRLTA 102 132501
^{70}Kr	2009SA12	ATOMIC MASSES ^{68,70}Se, ^{70,71}Kr; measured masses using a penning trap. JOUR PRLTA 102 132501

A=71

^{71}Co	2009ST07	RADIOACTIVITY ^{71}Co, ^{71}Ni(β^-) [from ^{238}U(p, X), E=30 MeV]; measured Eγ, Iγ, β, $\gamma\gamma$-, $\beta\gamma$-coin with laser on Co resonance, half-lives. ^{71}Ni, ^{71}Cu; deduced levels, J, π, configurations. ^{69}Ni, ^{69}Cu; systematics. JOUR PRVCA 79 044325
^{71}Ni	2009ST07	RADIOACTIVITY ^{71}Co, ^{71}Ni(β^-) [from ^{238}U(p, X), E=30 MeV]; measured Eγ, Iγ, β, $\gamma\gamma$-, $\beta\gamma$-coin with laser on Co resonance, half-lives. ^{71}Ni, ^{71}Cu; deduced levels, J, π, configurations. ^{69}Ni, ^{69}Cu; systematics. JOUR PRVCA 79 044325
^{71}Cu	2009FL03	NUCLEAR MOMENTS ^{71,73,75}Cu; measured hfs spectra; deduced ground-state spins, magnetic moments, hyperfine parameters, shell inversion. Comparison with large-scale shell-model calculation. JOUR PRLTA 103 142501
	2009ST05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71}Cu; deduced levels, J, π, configurations. ^{70}Ni, ^{71}Cu, ^{92}Mo; level systematics. Comparison with shell-model calculations. JOUR PRVCA 79 034319
	2009ST07	RADIOACTIVITY ^{71}Co, ^{71}Ni(β^-) [from ^{238}U(p, X), E=30 MeV]; measured Eγ, Iγ, β, $\gamma\gamma$-, $\beta\gamma$-coin with laser on Co resonance, half-lives. ^{71}Ni, ^{71}Cu; deduced levels, J, π, configurations. ^{69}Ni, ^{69}Cu; systematics. JOUR PRVCA 79 044325
^{71}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
^{71}Ga	2009ST12	NUCLEAR REACTIONS ^{238}U(^{76}Ge, X), E=530 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,73,75,77}Ga; deduced levels, J, π. Discussed level systematics of A=65-77, odd-A Ga and Cu nuclides. JOUR PRVCA 79 064302
^{71}Ge	2009AB16	NUCLEAR REACTIONS ^{71}Ga(ν, e), E=spectrum; measured neutrino capture rates using ^{37}Ar neutrino source and radioactive decay of extracted ^{71}Ge. SAGE experiment. JOUR PRVCA 80 015807
^{71}As	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
^{71}Kr	2009SA12	ATOMIC MASSES ^{68,70}Se, ^{70,71}Kr; measured masses using a penning trap. JOUR PRLTA 102 132501

A=72

^{72}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{72}As	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71

A=72 *(continued)*

^{72}Kr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=73

^{73}Cu	2009FL03	NUCLEAR MOMENTS ^{71,73,75}Cu; measured hfs spectra; deduced ground-state spins, magnetic moments, hyperfine parameters, shell inversion. Comparison with large-scale shell-model calculation. JOUR PRLTA 103 142501
^{73}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
^{73}Ga	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
	2009ST12	NUCLEAR REACTIONS ^{238}U(^{76}Ge, X), E=530 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,73,75,77}Ga; deduced levels, J, π. Discussed level systematics of A=65-77, odd-A Ga and Cu nuclides. JOUR PRVCA 79 064302
^{73}As	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{73}Se	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71

A=74

^{74}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501

A=74 *(continued)*

	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
^{74}Ge	2009FA08	RADIOACTIVITY ^{74}As(β^-), (β^+), (EC); measured Eγ, Iγ at different temperatures; deduced branching ratios, no significant dependence on temperature. JOUR JPGPE 36 105101
^{74}As	2009FA08	RADIOACTIVITY ^{74}As(β^-), (β^+), (EC); measured Eγ, Iγ at different temperatures; deduced branching ratios, no significant dependence on temperature. JOUR JPGPE 36 105101
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{74}Se	2009FA08	RADIOACTIVITY ^{74}As(β^-), (β^+), (EC); measured Eγ, Iγ at different temperatures; deduced branching ratios, no significant dependence on temperature. JOUR JPGPE 36 105101
	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{74}Kr	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802
	2009LI45	NUCLEAR REACTIONS ^{58}Ni, ^{208}Pb(^{17}F, p), E=10 MeV / nucleon; measured Ep, Ip, (fragment)p-coin, $\sigma(\theta)$ using silicon strip detectors. Comparison with first-order perturbation and dynamical calculations and effect of dynamic polarization discussed. JOUR PYLBB 681 22
^{74}Rb	2009ER02	RADIOACTIVITY ^{26}Si(EC), (β^+)[from ^{27}Al(p, 2n)^{26}Si, E=35 MeV]; deduced Q value and log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{26}Si, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{62}Ga, ^{74}Rb(EC), (β^+); systematics of ft values for superallowed transitions. JOUR PRVCA 79 032802

A=75

^{75}Cu	2009FL03	NUCLEAR MOMENTS ^{71,73,75}Cu; measured hfs spectra; deduced ground-state spins, magnetic moments, hyperfine parameters, shell inversion. Comparison with large-scale shell-model calculation. JOUR PRLTA 103 142501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{75}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447

A=75 *(continued)*

^{75}Ga	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
	2009ST12	NUCLEAR REACTIONS ^{238}U(^{76}Ge, X), E=530 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,73,75,77}Ga; deduced levels, J, π. Discussed level systematics of A=65-77, odd-A Ga and Cu nuclides. JOUR PRVCA 79 064302
^{75}Ge	2009AT03	NUCLEAR REACTIONS ^{76}Ge(n, 2n), ^{75}As(n, p), ^{78}Se(n, α), E=13.73, 14.42, 14.77 MeV; measured Eγ, Iγ, σ for ground and metastable state production using the activation technique. Comparison with EMPIRE and TALYS codes. ^{76}Ge(n, 2n), ^{75}As(n, p), ^{78}Se(n, α), E=threshold-20 MeV; calculated σ for ground and metastable state production using EMPIRE and TALYS codes. Comparison with data. JOUR NUPAB 828 253
	2009MA35	NUCLEAR REACTIONS ^{74,76}Ge, ^{75}As(n, γ), E<106 keV; measured Eγ, Iγ, σ; deduced Maxwellian averaged σ for thermal energies from 5 to 100 keV. Neutrons from ^{7}Li(p, n), E=1912 keV reaction. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Estimated background contributions for γ-ray studies of double β decay of ^{76}Ge. JOUR PRVCA 79 065802
^{75}As	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
^{75}Se	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=75 *(continued)*

^{75}Br	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009MU16	NUCLEAR REACTIONS ^{51}V(^{28}Si, 2n2p), E=115 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin with HPGe detectors. ^{75}Br; deduced high spin states $T_{1/2}$, B(E2), band configurations using DSA, transition quadrupole moments and deformation parameters. Comparison with cranking model and total Routhian surface calculations. JOUR NUPAB 829 137
	2009SP01	NUCLEAR REACTIONS ^{77,78,80}Se(p, xn)^{75}Br / ^{76}Br, E<85 MeV; measured Eγ, Iγ; deduced σ, yields. Comparison with ALICE-IPPE code. JOUR RAACA 465 535
^{75}Kr	2009TR07	NUCLEAR REACTIONS ^{50}Cr(^{28}Si, n2p), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, and half-lives by Doppler-shift attenuation method. ^{75}Kr; deduced levels, J, π, bands, B(E2), transitional quadrupole moments, and configurations. Comparison with projected shell model calculations. JOUR PRVCA 80 047302
^{75}Rb	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{75}Sr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=76

^{76}Cu	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{76}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009PA35	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from ^{238}U(n, F), (p, F), E=1 GeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, βn-coin and β-delayed neutron yield. ^{76}Zn, ^{77}Zn; deduced levels, J, π, half-lives. Systematics of low-lying levels of A=63-77 Cu nuclei. JOUR PRVCA 80 034307
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502

A=76 ***(continued)***

^{76}Ge	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
^{76}As	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009MA35	NUCLEAR REACTIONS ^{74,76}Ge, ^{75}As(n, γ), E<106 keV; measured Eγ, Iγ, σ; deduced Maxwellian averaged σ for thermal energies from 5 to 100 keV. Neutrons from ^{7}Li(p, n), E=1912 keV reaction. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Estimated background contributions for γ-ray studies of double β decay of ^{76}Ge. JOUR PRVCA 79 065802
^{76}Se	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
^{76}Br	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009SP01	NUCLEAR REACTIONS ^{77,78,80}Se(p, xn)^{75}Br / ^{76}Br, E<85 MeV; measured Eγ, Iγ; deduced σ, yields. Comparison with ALICE-IPPE code. JOUR RAACA 465 535
	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803

A=76 *(continued)*

^{76}Sr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{76}Y	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=77

^{77}Cu	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009PA35	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from ^{238}U(n, F), (p, F), E=1 GeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, βn-coin and β-delayed neutron yield. ^{76}Zn, ^{77}Zn; deduced levels, J, π, half-lives. Systematics of low-lying levels of A=63-77 Cu nuclei. JOUR PRVCA 80 034307
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{77}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009PA35	RADIOACTIVITY ^{77}Cu(β^-), (β^-n)[from ^{238}U(n, F), (p, F), E=1 GeV]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-, βn-coin and β-delayed neutron yield. ^{76}Zn, ^{77}Zn; deduced levels, J, π, half-lives. Systematics of low-lying levels of A=63-77 Cu nuclei. JOUR PRVCA 80 034307
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{77}Ga	2009ST12	NUCLEAR REACTIONS ^{238}U(^{76}Ge, X), E=530 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,73,75,77}Ga; deduced levels, J, π. Discussed level systematics of A=65-77, odd-A Ga and Cu nuclides. JOUR PRVCA 79 064302
^{77}Ge	2009KA22	NUCLEAR REACTIONS ^{76}Ge(^{13}C, ^{12}C), E=27-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, relative σ. ^{77}Ge; deduced levels, J, π, multipolarity. Comparison of measured σ with DWBA calculations. JOUR PRVCA 80 017301
	2009KAZZ	NUCLEAR REACTIONS ^{76}Ge(^{13}C, ^{12}C), E=29 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, $\gamma(\gamma)$;^{77}Ge; deduced levels, J, π, multipolarity, mixing ratio. PC B P Kay,6/10/2009
	2009MA35	NUCLEAR REACTIONS ^{74,76}Ge, ^{75}As(n, γ), E<106 keV; measured Eγ, Iγ, σ; deduced Maxwellian averaged σ for thermal energies from 5 to 100 keV. Neutrons from ^{7}Li(p, n), E=1912 keV reaction. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Estimated background contributions for γ-ray studies of double β decay of ^{76}Ge. JOUR PRVCA 79 065802

A=77 *(continued)*

	2009ME06	NUCLEAR REACTIONS ^{76}Ge(n, γ), E=cold; measured Eγ, Iγ; deduced thermal σ to ground and isomeric states. Activation technique with HPGe detectors. Comparison with other data. JOUR ZAANE 40 61
^{77}As	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
^{77}Se	2009MU15	RADIOACTIVITY ^{79}Br, ^{77}Se(IT); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR NIMAE 610 654
^{77}Br	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{77}Kr	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{77}Sr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=77 *(continued)*

^{77}Y	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=78

^{78}Cu	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{78}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{78}Ga	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{78}As	2009ZH15	NUCLEAR REACTIONS ^{79}Br(n, 2n), E=14.6 MeV;^{81}Br(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; Measured Eγ, Iγ, σ. Neutron activation, K-400 Intense Neutron Generator. JOUR ANEND 36 874
^{78}Br	2009ZH15	NUCLEAR REACTIONS ^{79}Br(n, 2n), E=14.6 MeV;^{81}Br(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; Measured Eγ, Iγ, σ. Neutron activation, K-400 Intense Neutron Generator. JOUR ANEND 36 874

A=78 *(continued)*

^{78}Kr	2009OB02	NUCLEAR REACTIONS ^{197}Au(^{68}Se, X), E=92 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, t-o-f method using SeGa array. ^{68}Se, ^{78}Kr; deduced levels, J, π, B(E2). Coulomb excitation. Systematics of first 2+ states in Z=30-38 self-conjugate nuclei. Comparisons with several theoretical predictions. JOUR PRVCA 80 031304
^{78}Rb	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{78}Sr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{78}Y	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{78}Zr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=79

^{79}Cu	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{79}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{79}Ga	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{79}As	2009DIZY	NUCLEAR REACTIONS ^{82}Se(p, α)^{79}As(β^-), E(cm)=18.625 MeV]; measured Iγ, Eγ; deduced σ of ^{79}Se. Preliminary. REPT MLL 2008 Annual,P30,Dillmann
^{79}Se	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009MA09	NUCLEAR REACTIONS ^{80}Se(γ, n)^{79}Se, E=9.91-12.7 MeV; measured neutron spectra, σ, Hauser-Feshbach analysis; deduced E1 strength functions for ^{80}Se and neutron capture cross section for ^{79}Se. Discussed implications on the abundances of ^{80}Kr and ^{82}Kr in the framework of phenomenological models for the s process. JOUR PRVCA 79 025801

A=79 *(continued)*

^{79}Br	2009KA06	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), (polarized d, ^{3}He), E=80 MeV; measured ^{3}He spectra, σ, angular distributions, vector analyzing powers. ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=72 MeV; measured deuteron spectra, σ, angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, angular momentum transfers, spectroscopic factors. Comparison of angular distribution and polarization data with distorted wave Born approximation (DWBA) calculations. ^{76}Ge, ^{76}Se; deduced occupancies of valence proton orbitals in ground states. Comparison of occupancies of valence proton and neutron orbitals in ground states of ^{76}Ge and ^{76}Se with QRPA and shell-model calculations. Discussed implications for neutrinoless double β decay of ^{76}Ge to ^{76}Se. JOUR PRVCA 79 021301
	2009MU15	RADIOACTIVITY ^{79}Br, ^{77}Se(IT); measured Eγ, Iγ; deduced $T_{1/2}$. JOUR NIMAE 610 654
^{79}Sr	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{79}Y	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{79}Zr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=80

^{80}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
^{80}Ga	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309

A=80 *(continued)*

^{80}Br	2008PAZS	NUCLEAR REACTIONS ^{81}Br, ^{86}Sr(γ, n), E=13-30 MeV; measured Eγ, Iγ; ^{80}Br, ^{85}Sr; deduced isomeric yield ratios. Betatron, activation method, Ge(Li) detector. CONF Moscow,P156,Palvanov
	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009ZH15	NUCLEAR REACTIONS ^{79}Br(n, 2n), E=14.6 MeV;^{81}Br(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; Measured Eγ, Iγ, σ. Neutron activation, K-400 Intense Neutron Generator. JOUR ANEND 36 874
^{80}Kr	2009PI01	RADIOACTIVITY ^{80}Rb(β^+); measured daughter nucleus recoil angular distributions, recoil asymmetry; deduced tensor interaction constraints. Spin-polarized nucleus. Comparison with standard model predictions. JOUR PRVCA 79 015501
^{80}Rb	2009PI01	RADIOACTIVITY ^{80}Rb(β^+); measured daughter nucleus recoil angular distributions, recoil asymmetry; deduced tensor interaction constraints. Spin-polarized nucleus. Comparison with standard model predictions. JOUR PRVCA 79 015501
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
^{80}Sr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{80}Y	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
	2009ST04	NUCLEAR REACTIONS ^{9}Be(^{124}Xe, X)^{73}As / ^{74}Se / ^{76}Br / ^{77}Kr / ^{78}Rb / ^{79}Sr / ^{80}Y / ^{81,82}Zr / ^{83}Nb / ^{84}Nb / ^{84}Mo, E=140 MeV / nucleon; measured yields. JOUR PRVCA 79 015803
^{80}Zr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=80 *(continued)*

	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=81

^{81}Zn	2008BA54	ATOMIC MASSES ^{71,72,73,74,75,76,77,78,79,80,81}Zn; measured masses using the ISOLTRAP mass spectrometer. JOUR PRLTA 101 262501
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{81}Ga	2008SAZU	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505, 515 MeV;^{83}As, ^{82}Ge, ^{81}Ga; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P298,Sahin
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{81}Se	2009PO04	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{81}Se / ^{82}Se / ^{83}Se / ^{85}Se, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{81,82,83,85}Se; deduced high-spin levels, J, π, configurations. Comparison with systematics. Euroball IV array. JOUR ZAANE 39 295
	2009ZH15	NUCLEAR REACTIONS ^{79}Br(n, 2n), E=14.6 MeV;^{81}Br(n, 2n), (n, p), (n, α), E=13.5-14.6 MeV; Measured Eγ, Iγ, σ. Neutron activation, K-400 Intense Neutron Generator. JOUR ANEND 36 874
^{81}Y	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{81}Zr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{81}Nb	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=82

^{82}Ga	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{82}Ge	2008SAZU	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505, 515 MeV;^{83}As, ^{82}Ge, ^{81}Ga; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P298,Sahin
^{82}Se	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009PO04	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{81}Se / ^{82}Se / ^{83}Se / ^{85}Se, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{81,82,83,85}Se; deduced high-spin levels, J, π, configurations. Comparison with systematics. Euroball IV array. JOUR ZAANE 39 295
^{82}Br	2009EL02	NUCLEAR REACTIONS Se(p, X)^{75}Br / ^{76}Br / ^{77}Br / ^{80}Br / ^{82}Br / ^{73}Se / ^{75}Se / ^{71}As / ^{72}As / ^{76}As / ^{77}As, E <62 MeV; measured Eγ, Iγ, excitation functions. JOUR RAACA 97 71
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{82}Kr	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{82}Rb	2009PI02	RADIOACTIVITY ^{82}Sr(EC); measured half-life. JOUR ARISE 67 636
^{82}Sr	2009PI02	RADIOACTIVITY ^{82}Sr(EC); measured half-life. JOUR ARISE 67 636
^{82}Zr	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{82}Nb	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=83

^{83}Ga	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{83}Ge	2008LEZV	RADIOACTIVITY ^{84}Ga(β^-), ^{84}Ga(β^-n);measured Eγ, Iγ, $\beta\gamma$-coin. Comparison with HFB+GCM calculations. REPT arXiv:0810.3890v1 [nucl-ex]
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009LEZZ	RADIOACTIVITY ^{84}Ga(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-coin.; deduced isomeric states, energy levels, J, π, collectivity. Comparison with HFB+GCM calculations. PREPRINT Lebois,7/15/2009
	2009VE11	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-); ^{84}As, ^{83}Ge; measured Eγ, Iγ; deduced level energies, J, π, β-n transitions. JOUR IMPEE 18 1976
	2009WI03	RADIOACTIVITY ^{76,77,78}Cu, ^{83}Ga(β^-); measured β-delayed neutron emission probabilities. JOUR PRLTA 102 142502
^{83}As	2008SAZU	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505, 515 MeV;^{83}As, ^{82}Ge, ^{81}Ga; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π. Comparison with shell model calculations. CONF Cappadocia (Nuclear Physics and Astrophysics),P298,Sahin
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{83}Se	2009PO04	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{81}Se / ^{82}Se / ^{83}Se / ^{85}Se, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{81,82,83,85}Se; deduced high-spin levels, J, π, configurations. Comparison with systematics. Euroball IV array. JOUR ZAANE 39 295
^{83}Kr	2009KA30	RADIOACTIVITY ^{83m}Kr(IT)[from ^{83}Rb(EC)]; measured Eγ, conversion electrons, (ce)(ce)(t), and level half-life using liquid xenon scintillation detector. Calibration of liquid xenon detector. Relevance to classical turbulence in liquid or gaseous helium. JOUR PRVCA 80 045809
^{83}Rb	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=83 *(continued)*

	2009SC22	NUCLEAR REACTIONS ^{76}Ge(^{11}B, 4n), E=45, 50 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO, half-lives by DSAM, multipolarities. ^{83}Rb; deduced levels, J, π, bands, dipole bands, B(M1), B(E1), and B(E2). GASP array. Comparison with shell model calculations. JOUR PRVCA 80 044305
^{83}Zr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{83}Nb	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{83}Mo	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=84

^{84}Ga	2008LEZV	RADIOACTIVITY ^{84}Ga(β^-), ^{84}Ga(β^-n);measured Eγ, Iγ, $\beta\gamma$-coin. Comparison with HFB+GCM calculations. REPT arXiv:0810.3890v1 [nucl-ex]
	2008WIZZ	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-) [from ^{235}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin.; deduced ^{84}Ge, ^{84}As level scheme, J, π, ^{84}Ga delayed-neutron emission probabilities. CONF Sanibel(Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009LEZZ	RADIOACTIVITY ^{84}Ga(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-coin.; deduced isomeric states, energy levels, J, π, collectivity. Comparison with HFB+GCM calculations. PREPRINT Lebois,7/15/2009
	2009VE11	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-); ^{84}As, ^{83}Ge; measured Eγ, Iγ; deduced level energies, J, π, β-n transitions. JOUR IMPEE 18 1976

A=84 *(continued)*

^{84}Ge	2008LEZV	RADIOACTIVITY ^{84}Ga(β^-), ^{84}Ga(β^-n);measured Eγ, Iγ, $\beta\gamma$-coin. Comparison with HFB+GCM calculations. REPT arXiv:0810.3890v1 [nucl-ex]
	2008WIZZ	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-) [from ^{235}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin.; deduced ^{84}Ge, ^{84}As level scheme, J, π, ^{84}Ga delayed-neutron emission probabilities. CONF Sanibel(Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009LEZZ	RADIOACTIVITY ^{84}Ga(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-coin.; deduced isomeric states, energy levels, J, π, collectivity. Comparison with HFB+GCM calculations. PREPRINT Lebois,7/15/2009
	2009VE11	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-); ^{84}As, ^{83}Ge; measured Eγ, Iγ; deduced level energies, J, π, β-n transitions. JOUR IMPEE 18 1976
^{84}As	2008WIZZ	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-) [from ^{235}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin.; deduced ^{84}Ge, ^{84}As level scheme, J, π, ^{84}Ga delayed-neutron emission probabilities. CONF Sanibel(Fission and Properties of Neutron-Rich Nuclei) Proc,P663
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009VE11	RADIOACTIVITY ^{84}Ga, ^{84}Ge(β^-); ^{84}As, ^{83}Ge; measured Eγ, Iγ; deduced level energies, J, π, β-n transitions. JOUR IMPEE 18 1976
^{84}Se	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{84}Br	2008VIZY	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, f), E=8.5 MeV; measured Eγ, Iγ; ^{84}Br, ^{132}Sb, ^{133}Te, ^{135}Xe; deduced isomer yield ratios. Microtron, activation method. CONF Moscow,P134,Vishnevsky
	2009VI03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, F)^{84}Br / ^{132}Sb / ^{133}Te / ^{135}Xe, E<8.5 MeV; measured Eγ, Iγ; deduced mean angular momenta of fission fragments, isomeric yield ratios. JOUR BRSPE 73 733

A=84 *(continued)*

	2009VIZY	NUCLEAR REACTIONS ^{239}Pu, ^{241}Am(γ, f), E(end point)=10, 17 MeV; measured Eγ, Iγ. ^{84}Br, ^{133}Te, ^{135}Xe; deduced isomeric yield ratios. Activation method CONF Cheboksary,P138,Vishnevsky
^{84}Kr	2009RE03	ATOMIC MASSES ^{84,86}Kr, ^{129,132}Xe; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012506
^{84}Rb	2008ZHZY	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=10-18 MeV; measured Eγ, Iγ; ^{84,86}Rb; deduced isomer yield ratios. CONF Moscow,P133,Zheltonozhsky
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{84}Sr	2009SA17	NUCLEAR REACTIONS ^{86}Sr(p, n), ^{85}Rb(^{3}He, 2n), (α, 3n), E=6-15 MeV; measured σ. ^{86}Sr(p, Xn), ^{86}Sr(d, Xn), ^{85}Rb(α, Xn), ^{85}Rb(^{3}He, Xn), Zr(d, αxn), E=6-15 MeV; Calculated σ, production yield using Alice-ASH code; ^{86,85}Y, ^{84,85,86}Sr; calculated excitation functions. JOUR ARISE 67 1392
^{84}Y	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{84}Zr	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{84}Nb	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803
^{84}Mo	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2009ST04	RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=85

^{85}Ga	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447

A=85 *(continued)*

^{85}Ge	2009GR06	RADIOACTIVITY ^{75,76,77,78,79}Cu, ^{79,80,81}Zn, ^{83,84,85}Ga(β^-); measured Eγ, Iγ; deduced level scheme, Jπ. JOUR APOBB 40 447
^{85}Se	2009PO04	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{81}Se / ^{82}Se / ^{83}Se / ^{85}Se, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{81,82,83,85}Se; deduced high-spin levels, J, π, configurations. Comparison with systematics. Euroball IV array. JOUR ZAANE 39 295
^{85}Kr	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{85}Sr	2007KIZX	NUCLEAR REACTIONS ^{85}Rb(p, n), E=2.2-4 MeV; measured $\beta\gamma$-coin., Eγ, Iγ; deduced σ, s-factor. Comparison with NON-SMOKER code calculation. REPT ATOMKI 2007 Annual,P25,Kiss
	2008PAZS	NUCLEAR REACTIONS ^{81}Br, ^{86}Sr(γ, n), E=13-30 MeV; measured Eγ, Iγ; ^{80}Br, ^{85}Sr; deduced isomeric yield ratios. Betatron, activation method, Ge(Li) detector. CONF Moscow,P156,Palvanov
	2009LU03	NUCLEAR REACTIONS ^{86}Sr, ^{184}Os(n, 2n), ^{190}Os(n, p), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations, existing data, and evaluated databases. JOUR JRNCD 279 443
	2009RA24	NUCLEAR REACTIONS ^{85}Rb(p, n), E(cm)=2.16-3.96 MeV; measured Eγ, Iγ, σ by activation method; deduced astrophysical S factors, astrophysical reactivity for ^{85}Rb(p, n)^{85}Sr and ^{85}Sr(n, p)^{85}Rb reactions as a function of stellar plasma temperature. Comparison with theoretical S factors. JOUR PRVCA 80 035801
	2009SA17	NUCLEAR REACTIONS ^{86}Sr(p, n), ^{85}Rb(^{3}He, 2n), (α, 3n), E=6-15 MeV; measured σ. ^{86}Sr(p, Xn), ^{86}Sr(d, Xn), ^{85}Rb(α, Xn), ^{85}Rb(^{3}He, Xn), Zr(d, αxn), E=6-15 MeV; Calculated σ, production yield using Alice-ASH code; ^{86,85}Y, ^{84,85,86}Sr; calculated excitation functions. JOUR ARISE 67 1392
^{85}Y	2009RU03	NUCLEAR REACTIONS ^{76}Ge(^{14}N, 4n), E=44-54 MeV; measured σ(E); ^{52}Cr(^{37}Cl, X)^{85}Y / ^{86}Y, E=115 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using GASP array, NE213 and HPGe detectors. ^{85,86}Y deduced levels, J, π, configurations, multipolarities, branching fraction, $T_{1/2}$. Comparison with shell model calculations. JOUR NUPAB 818 1
	2009SA17	NUCLEAR REACTIONS ^{86}Sr(p, n), ^{85}Rb(^{3}He, 2n), (α, 3n), E=6-15 MeV; measured σ. ^{86}Sr(p, Xn), ^{86}Sr(d, Xn), ^{85}Rb(α, Xn), ^{85}Rb(^{3}He, Xn), Zr(d, αxn), E=6-15 MeV; Calculated σ, production yield using Alice-ASH code; ^{86,85}Y, ^{84,85,86}Sr; calculated excitation functions. JOUR ARISE 67 1392
^{85}Nb	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{85}Tc	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=86

^{86}Br	2009PO10	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{86}Br / ^{88}Br, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t) using the Euroball IV array. ^{86,88}Br; deduced high-spin levels, J, π, multipolarities, configurations. Comparison with systematics. JOUR ZAANE 40 131
^{86}Kr	2009RE03	ATOMIC MASSES ^{84,86}Kr, ^{129,132}Xe; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012506
^{86}Rb	2008ZHZY	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=10-18 MeV; measured Eγ, Iγ; ^{84,86}Rb; deduced isomer yield ratios. CONF Moscow,P133,Zheltonozhsky
^{86}Sr	2009SA17	NUCLEAR REACTIONS ^{86}Sr(p, n), ^{85}Rb(^{3}He, 2n), (α, 3n), E=6-15 MeV; measured σ. ^{86}Sr(p, Xn), ^{86}Sr(d, Xn), ^{85}Rb(α, Xn), ^{85}Rb(^{3}He, Xn), Zr(d, αxn), E=6-15 MeV; Calculated σ, production yield using Alice-ASH code; ^{86,85}Y, ^{84,85,86}Sr; calculated excitation functions. JOUR ARISE 67 1392
^{86}Y	2009RA25	NUCLEAR REACTIONS Zr(γ, X)^{89}Zr / ^{86}Y, ^{89}Y(γ, xn)^{87,86}Y, E=50-70 MeV; measured E, Iγ; deduced isomeric yields ratios. JOUR NIMBE 267 3511
	2009RU03	NUCLEAR REACTIONS ^{76}Ge(^{14}N, 4n), E=44-54 MeV; measured σ(E); ^{52}Cr(^{37}Cl, X)^{85}Y / ^{86}Y, E=115 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (neutron)γ-coin using GASP array, NE213 and HPGe detectors. ^{85,86}Y deduced levels, J, π, configurations, multipolarities, branching fraction, $T_{1/2}$. Comparison with shell model calculations. JOUR NUPAB 818 1
	2009SA17	NUCLEAR REACTIONS ^{86}Sr(p, n), ^{85}Rb(^{3}He, 2n), (α, 3n), E=6-15 MeV; measured σ. ^{86}Sr(p, Xn), ^{86}Sr(d, Xn), ^{85}Rb(α, Xn), ^{85}Rb(^{3}He, Xn), Zr(d, αxn), E=6-15 MeV; Calculated σ, production yield using Alice-ASH code; ^{86,85}Y, ^{84,85,86}Sr; calculated excitation functions. JOUR ARISE 67 1392
^{86}Nb	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{86}Mo	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{86}Tc	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=87

^{87}Y	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova

A=87 *(continued)*

	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
^{87}Zr	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{87}Nb	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1

A=88

^{88}Br	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009PO10	NUCLEAR REACTIONS ^{208}Pb(^{18}O, X)^{86}Br / ^{88}Br, E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t) using the Euroball IV array. ^{86,88}Br; deduced high-spin levels, J, π, multipolarities, configurations. Comparison with systematics. JOUR ZAANE 40 131
^{88}Kr	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{88}Rb	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{88}Sr	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{88}Y	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364

A=88 ***(continued)***

	2009MA58	NUCLEAR REACTIONS ^{89}Y(^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, 5n), (p, np), (p, d), E<47.5 MeV; measured Eγ, Iγ; deduced ^{93,94,95}Tc product yield as function of projectile energy. Comparison with PACE-II prediction. JOUR RAACA 97 663
	2009OM01	NUCLEAR REACTIONS ^{89}Y(p, n), (p, 2n), (p, pn), E < 17.7 MeV; measured activation sample Eγ, Iγ; deduced reaction σ. Comparison with ALICE-IPPE code. JOUR RAACA 97 467
	2009VA05	NUCLEAR REACTIONS ^{88}Sr(p, n), Cu(p, x), E=5-20 MeV; ^{65}Zn; Measured σ. $SrCl_2$ target. Ion exchange chromatographic methods. JOUR ARISE 67 1320
^{88}Zr	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009DU10	NUCLEAR REACTIONS Y(p, X)^{88}Zr / ^{89}Zr, E=20 MeV; measured Eγ, Iγ. JOUR JRNCD 281 663
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009OM01	NUCLEAR REACTIONS ^{89}Y(p, n), (p, 2n), (p, pn), E < 17.7 MeV; measured activation sample Eγ, Iγ; deduced reaction σ. Comparison with ALICE-IPPE code. JOUR RAACA 97 467
	2009PA21	NUCLEAR REACTIONS ^{89}Y(p, 2n), E=17 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. JOUR APOBB 40 647
^{88}Nb	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
	2009GA02	NUCLEAR REACTIONS ^{74}Se(^{18}O, 3np), E=74 MeV; measured Eγ, Iγ, excitation function. ^{88}Nb; measured half-life. JOUR RAACA 97 79
^{88}Mo	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{88}Tc	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{88}Ru	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=88 *(continued)*

2009ST04 RADIOACTIVITY ^{80}Y, ^{81}Zr, ^{83,84}Nb, ^{84}Mo(EC), (β^+) [from ^{9}Be(^{124}Xe, X), E=140 MeV / nucleon]; measured Eγ, (particle)-γ coin, (particle)-β coin, half-life. ^{64}Ge, ^{68}Se, ^{72}Kr, ^{76}Sr, ^{80}Zr, ^{84}Mo, ^{88}Ru;systematics of half-lives and yrast states. Comparisons with QRPA predictions. JOUR PRVCA 79 015803

A=89

^{89}Rb

2008SHZT RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata

2009LE26 RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308

2009PA20 NUCLEAR REACTIONS ^{208}Pb, ^{238}U(^{48}Ca, X), ^{238}U(^{64}Ni, X), E=305, 330, 430 MeV;^{89,91}Rb; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced J, π, level scheme, $T_{1/2}$. JOUR APOBB 40 629

^{89}Sr

2008SHZT RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata

2009LE26 RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308

^{89}Y

2009BE03 NUCLEAR REACTIONS ^{89}Y(γ, γ'), E=3-13 MeV; measured Eγ, Iγ, σ, widths, angular distributions, level densities. ^{89}Y; deduced levels. Comparison with quasiparticle-random-phase approximation predictions. JOUR PRVCA 79 014303

2009HO07 RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306

2009KI16 NUCLEAR REACTIONS ^{89}Y(α, α), E(cm)=15.51, 18.63 MeV; measured Eα, Iα, σ; deduced parameters for local scattering potentials. ^{89}Y(α, α), E(cm)=20.1, 22.0, 23.9, 40.2, 62.2, 158.9 MeV; ^{92}Mo(α, α), E(cm)=15.69, 18.62 MeV; analyzed σ and $\sigma(\theta)$ measurements with different potential parameters. ^{93}Nb; analyzed α-cluster states in ^{89}Y+α system, bands, and B(E2) using potential parameters close to those for the scattering potential. JOUR PRVCA 80 045807

A=89 *(continued)*

	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
^{89}Zr	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009DU10	NUCLEAR REACTIONS Y(p, X)^{88}Zr / ^{89}Zr, E=20 MeV; measured Eγ, Iγ. JOUR JRNCD 281 663
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009OM01	NUCLEAR REACTIONS ^{89}Y(p, n), (p, 2n), (p, pn), E < 17.7 MeV; measured activation sample Eγ, Iγ; deduced reaction σ. Comparison with ALICE-IPPE code. JOUR RAACA 97 467
	2009RA25	NUCLEAR REACTIONS Zr(γ, X)^{89}Zr / ^{86}Y, ^{89}Y(γ, xn)^{87,86}Y, E=50-70 MeV; measured E, Iγ; deduced isomeric yields ratios. JOUR NIMBE 267 3511
^{89}Nb	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{89}Mo	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{89}Tc	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{89}Ru	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

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^{90}Rb	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{90}Sr	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009ZH11	NUCLEAR REACTIONS ^{16}O(^{82}Se, 4n), (^{82}Se, 3n), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{94,95}Mo; deduced levels, J, π, configurations. Comparisons with shell-model calculations. ^{90}Sr, ^{92}Mo; level systematics. JOUR PRVCA 79 044316
^{90}Y	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{90}Zr	2008RUZY	NUCLEAR REACTIONS ^{90}Zr(γ, γ'), E=7-10 MeV; measured Iγ, Eγ using HPGe of HIγS facility with 100% linearly polarized beams; deduced M1 transition strengths. Compared to shell model predictions. REPT TUNL-XLII,P112,Rusev
	2008SC20	NUCLEAR REACTIONS ^{90}Zr(γ, γ'), E=7.9, 9.0, 13.2 MeV; measured Eγ, Iγ.σ, angular distributions, widths; deduced levels, J, π. Comparisons with calculations for ^{88}Sr, ^{90}Zr. JOUR PRVCA 78 064314
	2008SCZW	RADIOACTIVITY ^{90}Zr(IT)[from ^{90}Y(β^-)]; measured $\beta\gamma$-coin., I(X-rays); deduced $T_{1/2}$, B(E0). REPT MLL 2007 Annual,P7,Schwerdtfeger
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306

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	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
^{90}Nb	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{90}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{90}Tc	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{90}Ru	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{90}Rh	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

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^{91}Rb	2009HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304
	2009PA20	NUCLEAR REACTIONS ^{208}Pb, ^{238}U(^{48}Ca, X), ^{238}U(^{64}Ni, X), E=305, 330, 430 MeV;^{89,91}Rb; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced J, π, level scheme, $T_{1/2}$. JOUR APOBB 40 629
^{91}Sr	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{91}Y	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{91}Zr	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
^{91}Nb	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{91}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
^{91}Tc	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{91}Ru	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310

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^{92}Br	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{92}Rb	2009HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304
^{92}Sr	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(lin pol). ^{92,94,96}Sr; deduced levels, J, π, multipolarity, bands, configurations. Comparison with shell-model calculations. JOUR PRVCA 79 024319
^{92}Y	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
^{92}Zr	2007SUZN	RADIOACTIVITY ^{92}Zr[from ^{9}Be(^{86}Kr, 3n), E=280 MeV]; measured Eγ, Iγ. Analysis of high-spin state lifetimes in progress. REPT JAEA-Review 2007-046,P27,Sugawara
	2008ME15	NUCLEAR REACTIONS ^{12}C, ^{40}Ca, ^{93}Nb, Pb(polarized γ, pπ^0), E=0.6-2.2 GeV bremsstrahlung; measured invariant- and missing-mass spectra, η-meson production σ, $\sigma(\theta)$. Comparison with BUU transport model and other data. JOUR ZAANE 38 195
	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata

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	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
	2010ZH01	NUCLEAR REACTIONS ^{95}Mo(n, α), E=4, 5, 6 MeV; measured Iα, Eα, reaction fragments; deduced σ. Comparison with ENDF / B-VII.0, JEFF-3.1 / A and JENDL-3.3 libraries. JOUR ARISE 68 180
^{92}Nb	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2009BH06	NUCLEAR REACTIONS ^{67}Zn, ^{92}Mo(n, p), ^{98}Mo(n, γ), E=1.6, 3.7 MeV; measured Eγ, Iγ; deduced σ. Comparison with EMPIRE-2.19 model code. JOUR NSENA 163 175
	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
^{92}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009GOZZ	NUCLEAR REACTIONS ^{92}Mo(n, n'γ), E=fast; measured Eγ, I$\gamma(\theta)$. ^{92}Mo; deduced δ. CONF Cheboksary,P95,Govor
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
	2009KI16	NUCLEAR REACTIONS ^{89}Y(α, α), E(cm)=15.51, 18.63 MeV; measured Eα, Iα, σ; deduced parameters for local scattering potentials. ^{89}Y(α, α), E(cm)=20.1, 22.0, 23.9, 40.2, 62.2, 158.9 MeV; ^{92}Mo(α, α), E(cm)=15.69, 18.62 MeV; analyzed σ and $\sigma(\theta)$ measurements with different potential parameters. ^{93}Nb; analyzed α-cluster states in ^{89}Y+α system, bands, and B(E2) using potential parameters close to those for the scattering potential. JOUR PRVCA 80 045807

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	2009RU05	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=4-13 MeV; measured Eγ, Iγ, absolute photoabsorption σ. Comparison with QRPA calculations. JOUR PRVCA 79 061302
	2009ST05	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X), E=430 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71}Cu; deduced levels, J, π, configurations. ^{70}Ni, ^{71}Cu, ^{92}Mo; level systematics. Comparison with shell-model calculations. JOUR PRVCA 79 034319
	2009ZH11	NUCLEAR REACTIONS ^{16}O(^{82}Se, 4n), (^{82}Se, 3n), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{94,95}Mo; deduced levels, J, π, configurations. Comparisons with shell-model calculations. ^{90}Sr, ^{92}Mo; level systematics. JOUR PRVCA 79 044316
^{92}Tc	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{92}Ru	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{92}Rh	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{92}Pd	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=93

^{93}Rb	2009HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308

A=93 ***(continued)***

^{93}Sr	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{93}Y	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{93}Zr	2008FUZV	NUCLEAR REACTIONS ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, p), E=3.5-5.9 MeV; ^{27}Al, ^{28,29}Si, ^{41}K, ^{51}V, ^{61}Ni, ^{65}Cu, ^{64,67}Zn, ^{69}Ga, ^{79}Br, ^{92}Mo, ^{93}Nb(n, α), E=3.5-5.9 MeV; measured Eγ, Iγ; deduced σ. Compared to data and evaluated data files ENDF?B-VI, FENDL / A-2.0 and JENFDL-3.3. Activation method. REPT JAEA-Conf 2008-08,P56,Furuta
	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2010CA01	RADIOACTIVITY ^{93}Zr(β^-); measured x-rays, Eβ, Iβ; deduced $T_{1/2}$, decay scheme. JOUR ARISE 68 122
^{93}Nb	2007OK06	NUCLEAR MOMENTS ^{93}Nb; measured temperature dependence of nuclear spin-spin relaxation rate. JOUR ZNASE 62a 627
	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
	2009KI16	NUCLEAR REACTIONS ^{89}Y(α, α), E(cm)=15.51, 18.63 MeV; measured Eα, Iα, σ; deduced parameters for local scattering potentials. ^{89}Y(α, α), E(cm)=20.1, 22.0, 23.9, 40.2, 62.2, 158.9 MeV; ^{92}Mo(α, α), E(cm)=15.69, 18.62 MeV; analyzed σ and $\sigma(\theta)$ measurements with different potential parameters. ^{93}Nb; analyzed α-cluster states in ^{89}Y+α system, bands, and B(E2) using potential parameters close to those for the scattering potential. JOUR PRVCA 80 045807
	2010CA01	RADIOACTIVITY ^{93}Zr(β^-); measured x-rays, Eβ, Iβ; deduced $T_{1/2}$, decay scheme. JOUR ARISE 68 122

A=93 *(continued)*

^{93}Mo	2009DI05	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{88}Zr / ^{89}Zr / ^{88}Y, E = 0-37 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE, EMPIRE and TALYS codes. JOUR NIMBE 267 3364
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
^{93}Tc	2009MA58	NUCLEAR REACTIONS ^{89}Y(^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, 5n), (p, np), (p, d), E<47.5 MeV; measured Eγ, Iγ; deduced ^{93,94,95}Tc product yield as function of projectile energy. Comparison with PACE-II prediction. JOUR RAACA 97 663
^{93}Ru	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{93}Rh	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{93}Pd	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=94

^{94}Rb	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{94}Sr	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(lin pol). ^{92,94,96}Sr; deduced levels, J, π, multipolarity, bands, configurations. Comparison with shell-model calculations. JOUR PRVCA 79 024319

A=94 *(continued)*

^{94}Y	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{94}Zr	2008EL09	NUCLEAR REACTIONS ^{94}Zr(n, n'γ), E=2.5-4.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by Doppler shift attenuation; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2).^{90,92,96,98,100,102}Zr, ^{96}Ru, ^{94,96}Mo; systematics. Comparison with IBA and shell model calculations. JOUR PRVCA 78 064303
	2008ELZY	NUCLEAR REACTIONS ^{94}Zr(n, n'γ), E≈3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced B(E2), B(M1). Signatures of mixed-symmetry multiplet and of anomalous behavior of 4_2^+ state. REPT TUNL-XLII,P88,Elhami
	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{94}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009HO07	RADIOACTIVITY ^{93m}Mo(β^+), (IT)[from ^{13}C(^{86}Kr, X), E=7.4 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{93}Nb, ^{93}Mo; deduced levels, J, π, transition strengths. ^{92}Y(β^-), ^{89m}Y, ^{90m}Y, ^{90m}Zr, ^{91m}Zr, ^{92m}Mo, ^{93m}Mo, ^{94m}Mo(IT); measured Eγ. Comparison with jj-coupling shell model calculations. JOUR PRVCA 80 034306
	2009RU05	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=4-13 MeV; measured Eγ, Iγ, absolute photoabsorption σ. Comparison with QRPA calculations. JOUR PRVCA 79 061302
	2009ZH11	NUCLEAR REACTIONS ^{16}O(^{82}Se, 4n), (^{82}Se, 3n), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{94,95}Mo; deduced levels, J, π, configurations. Comparisons with shell-model calculations. ^{90}Sr, ^{92}Mo; level systematics. JOUR PRVCA 79 044316
^{94}Tc	2009MA58	NUCLEAR REACTIONS ^{89}Y(^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, 5n), (p, np), (p, d), E<47.5 MeV; measured Eγ, Iγ; deduced ^{93,94,95}Tc product yield as function of projectile energy. Comparison with PACE-II prediction. JOUR RAACA 97 663
^{94}Rh	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{94}Pd	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{94}Ag	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=94 *(continued)*

	2009CE04	NUCLEAR REACTIONS ^{58}Ni(^{40}Ca, 3np), E=197 MeV; measured Ep, Ip, pp-coin.; deduced ^{94}Ag^{m} one-proton radioactivity, no two-proton radioactivity. JOUR PRLTA 103 152502
^{94}Cd	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{94}In	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007

A=95

^{95}Kr	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{95}Rb	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{95}Y	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009UR02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, half-lives. ^{95}Y; deduced levels, J, π, isomers, configurations. Comparisons with shell-model calculations. JOUR PRVCA 79 044304
	2009UR02	NUCLEAR REACTIONS ^{238}U(n, F), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{95}Y; deduced levels, J, π, isomers. JOUR PRVCA 79 044304
^{95}Zr	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009LI36	NUCLEAR REACTIONS ^{94}Zr, ^{96}Zr(n, γ), E epithermal; measured Eγ, Iγ; deduced k_0-factors. Neutron activation analysis. JOUR ARISE 67 2092
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=95 *(continued)*

^{95}Nb	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{9} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
^{95}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009ZH11	NUCLEAR REACTIONS ^{16}O(^{82}Se, 4n), (^{82}Se, 3n), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{94,95}Mo; deduced levels, J, π, configurations. Comparisons with shell-model calculations. ^{90}Sr, ^{92}Mo; level systematics. JOUR PRVCA 79 044316
^{95}Tc	2009MA58	NUCLEAR REACTIONS ^{89}Y(^{9}Be, 3n), (^{9}Be, 4n), (^{9}Be, 5n), (p, np), (p, d), E<47.5 MeV; measured Eγ, Iγ; deduced ^{93,94,95}Tc product yield as function of projectile energy. Comparison with PACE-II prediction. JOUR RAACA 97 663
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{9} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{95}Rh	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{95}Pd	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310

A=96

^{96}Kr	2009MA47	NUCLEAR REACTIONS ^{238}U(^{136}Xe, X)^{96}Kr / ^{98}Sr / ^{100}Zr, E=954 MeV; measured Eγ, Iγ, (fission fragment)γ-, $\gamma\gamma$-coin. ^{96}Kr; deduced levels, J, π and quadrupole deformation. Systematics of first 2+ states, ratios of energies of first 2+ and 4+ states, quadrupole deformation parameter for even-even nuclei in N=38-64, Z=36-44 region. Comparison with various theoretical model calculations. JOUR PRVCA 80 021301

A=96 *(continued)*

^{96}Rb	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
^{96}Sr	2009LE26	RADIOACTIVITY ^{84g}Ga, ^{84m}Ga(β^-), (β^-n), ^{84}Ge(β^-)[from U(γ, X), E=0-50 MeV]; measured Eγ, Iγ, $\beta\gamma$-coin, half-lives. ^{84}Ga, ^{84}Ge, ^{84}As, ^{83}Ge; deduced levels, J, π, delayed-neutron emission probabilities, logft. ^{83}Ge, ^{84}As, ^{89,90,93,94,96}Rb(β^-); measured Eγ. PARRNe-ALTO facility. Implications for structure near doubly-magic ^{78}Ni nucleus. Z=32-40 (even), N=52; N=42-54, Z=32; systematics of first 2+ and 4+ states. JOUR PRVCA 80 044308
	2009RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(lin pol). ^{92,94,96}Sr; deduced levels, J, π, multipolarity, bands, configurations. Comparison with shell-model calculations. JOUR PRVCA 79 024319
^{96}Zr	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{96}Nb	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009RE01	NUCLEAR REACTIONS ^{99}Tc(n, n'γ), (n, p), (n, α), E=threshold-20.6 MeV; measured σ using the activation method. Comparison with TALYS and STAPRE calculations. JOUR NUPAB 815 1
^{96}Mo	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009AGZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), ^{151,153}Eu(n, γ), ^{155,157}Gd(n, γ), E=10 meV-100 keV; measured Eγ, Iγ, γ multiplicity using DANCE BaF_2 array, In, En using TOF method; deduced J, π of n-resonances using DICEBOX code. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P11,Agvaanluvsan

A=96 *(continued)*

	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009RU05	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=4-13 MeV; measured Eγ, Iγ, absolute photoabsorption σ. Comparison with QRPA calculations. JOUR PRVCA 79 061302
	2009SH05	NUCLEAR REACTIONS ^{95}Mo(n, γ), E<2 keV; measured Eγ, Iγ, from multi-step γ cascades for s- and p-wave neutron resonances below 2 keV. Compared γ spectral shapes to DICEBOX statistical model simulations. Compared multi-step γ-cascade spectra for different multiplicities from various resonances with predictions of different photon strength function models. JOUR PRVCA 79 024301
^{96}Tc	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
^{96}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{96}Pd	2008WE10	ATOMIC MASSES ^{84}Y, ^{87}Zr, ^{88,89}Mo, ^{88,89,90,91,92}Tc, ^{90,91,92,93}Ru, ^{92,93,94,95}Rh, ^{94,95,95m,96}Pd; measured masses. Comparison with evaluated data. JOUR PRVCA 78 054310
^{96}Cd	2008BA53	NUCLEAR REACTIONS ^{9}Be(^{112}Sn, X)^{96}Cd / ^{98}In / ^{100}Sn, E=120 MeV / nucleon; measured cross sections. JOUR PRLTA 101 252501
	2008BA53	RADIOACTIVITY ^{96}Cd, ^{98}In, ^{100}Sn; measured decay spectra, half-lives. JOUR PRLTA 101 252501

A=97

^{97}Sr	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318

A=97 *(continued)*

^{97}Y	2009MA40	RADIOACTIVITY ^{97m}Y(β^-); measured Iβ, $\beta\gamma$ from high-spin isomer. JOUR PRVCA 80 017302
^{97}Zr	2009LI36	NUCLEAR REACTIONS ^{94}Zr, ^{96}Zr(n, γ), E epithermal; measured Eγ, Iγ; deduced k_0-factors. Neutron activation analysis. JOUR ARISE 67 2092
	2009MA26	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=330 MeV;^{97}Zr; measured Eγ, Iγ, delayed $\gamma\gamma$-coin; deduced J, π, level scheme, yrast structure. JOUR APOBB 40 633
	2009MA40	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{97}Zr; deduced levels, J, π. Comparison with shell-model calculations. JOUR PRVCA 80 017302
	2009MA40	RADIOACTIVITY ^{97m}Y(β^-); measured Iβ, $\beta\gamma$ from high-spin isomer. JOUR PRVCA 80 017302
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{97}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
^{97}Tc	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
^{97}Ru	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
^{97}Pd	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1

A=98

^{98}Rb	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{98}Sr	2009MA47	NUCLEAR REACTIONS ^{238}U(^{136}Xe, X)^{96}Kr / ^{98}Sr / ^{100}Zr, E=954 MeV; measured Eγ, Iγ, (fission fragment)γ-, $\gamma\gamma$-coin. ^{96}Kr; deduced levels, J, π and quadrupole deformation. Systematics of first 2+ states, ratios of energies of first 2+ and 4+ states, quadrupole deformation parameter for even-even nuclei in N=38-64, Z=36-44 region. Comparison with various theoretical model calculations. JOUR PRVCA 80 021301
^{98}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23

A=98 *(continued)*

	2009RU05	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=4-13 MeV; measured Eγ, Iγ, absolute photoabsorption σ. Comparison with QRPA calculations. JOUR PRVCA 79 061302
^{98}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{98}Pd	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{98}Cd	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
^{98}In	2007WEZX	RADIOACTIVITY ^{75}Sr, ^{77,78}Y, ^{79,80}Zr, ^{83,84}Mo, ^{88,89}Ru, ^{92,93}Pd, ^{86}Tc, ^{90}Rh, ^{94,98}In(EC); measured half-lives; ^{76}Y, ^{78}Zr, ^{81}Nb, ^{85}Tc(p); deduced half-life limits; ^{78}Y, ^{82}Nb, ^{86}Tc, ^{90}Rh, ^{94}Ag, ^{98}In(EC); deduced q-values. PREPRINT Wefers,10/04/2007
	2008BA53	NUCLEAR REACTIONS ^{9}Be(^{112}Sn, X)^{96}Cd / ^{98}In / ^{100}Sn, E=120 MeV / nucleon; measured cross sections. JOUR PRLTA 101 252501
	2008BA53	RADIOACTIVITY ^{96}Cd, ^{98}In, ^{100}Sn; measured decay spectra, half-lives. JOUR PRLTA 101 252501

A=99

^{99}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{99}Nb	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501

A=99 *(continued)*

^{99}Mo	2009BH06	NUCLEAR REACTIONS ^{67}Zn, ^{92}Mo(n, p), ^{98}Mo(n, γ), E=1.6, 3.7 MeV; measured Eγ, Iγ; deduced σ. Comparison with EMPIRE-2.19 model code. JOUR NSENA 163 175
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009KIZY	NUCLEAR REACTIONS Mo(n, γ), E=0.01-200 eV; measured In; deduced σ; ^{186}W(n, γ), E=thermal; ^{98}Mo(n, γ), E=thermal; measured In relative to ^{197}Au(n, γ); deduced σ, resonance integral; ^{45}Sc(γ, n), E=65 MeV; Ti(γ, x)^{44}Sc, E=65 MeV; ^{103}Rh(γ, 4n), E=65 MeV; Fe(γ, x)^{52}Mn, E=65 MeV; measured Eγ, Iγ; deduced σ, isomeric transition. Compared to other data. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P72,Kim
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009NG01	NUCLEAR REACTIONS ^{98}Mo(n, γ), E=thermal; measured Eγ, Iγ, cross section; deduced resonance integral. Compared results to existing data and evaluated databases. JOUR NIMBE 267 462
	2009RA16	NUCLEAR REACTIONS ^{97}Mo(t, p), E=12 MeV; measured Ep, Ip; deduced σ, $\sigma(\theta)$, level energies, J, π. Comparison with DWBA calculations. JOUR IMPEE 18 1483
	2009RE01	NUCLEAR REACTIONS ^{99}Tc(n, n'γ), (n, p), (n, α), E=threshold-20.6 MeV; measured σ using the activation method. Comparison with TALYS and STAPRE calculations. JOUR NUPAB 815 1
^{99}Tc	2009RE01	NUCLEAR REACTIONS ^{99}Tc(n, n'γ), (n, p), (n, α), E=threshold-20.6 MeV; measured σ using the activation method. Comparison with TALYS and STAPRE calculations. JOUR NUPAB 815 1
^{99}Rh	2009KIZY	NUCLEAR REACTIONS Mo(n, γ), E=0.01-200 eV; measured In; deduced σ; ^{186}W(n, γ), E=thermal; ^{98}Mo(n, γ), E=thermal; measured In relative to ^{197}Au(n, γ); deduced σ, resonance integral; ^{45}Sc(γ, n), E=65 MeV; Ti(γ, x)^{44}Sc, E=65 MeV; ^{103}Rh(γ, 4n), E=65 MeV; Fe(γ, x)^{52}Mn, E=65 MeV; measured Eγ, Iγ; deduced σ, isomeric transition. Compared to other data. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P72,Kim
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=99 *(continued)*

^{99}Pd	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{99}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805

A=100

^{100}Sr	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{100}Y	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{100}Zr	2009MA47	NUCLEAR REACTIONS ^{238}U(^{136}Xe, X)^{96}Kr / ^{98}Sr / ^{100}Zr, E=954 MeV; measured Eγ, Iγ, (fission fragment)γ-, $\gamma\gamma$-coin. ^{96}Kr; deduced levels, J, π and quadrupole deformation. Systematics of first 2+ states, ratios of energies of first 2+ and 4+ states, quadrupole deformation parameter for even-even nuclei in N=38-64, Z=36-44 region. Comparison with various theoretical model calculations. JOUR PRVCA 80 021301
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301

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

^{100}Nb	2009LU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{100}Nb, ^{148}La; deduced ICCs, high-spin levels, J, π, rotational bands, multipolarities, shape coexistence and configurations. JOUR NUPAB 825 1
^{100}Mo	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2008SJ01	RADIOACTIVITY ^{100}Tc(EC); measured X-ray spectra, Eγ, Iγ; deduced branching ratio, B(GT). JOUR PRVCA 78 064317
	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009KI04	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for double-beta decay to excited states. JOUR NUPAB 821 251
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009RU05	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=4-13 MeV; measured Eγ, Iγ, absolute photoabsorption σ. Comparison with QRPA calculations. JOUR PRVCA 79 061302
^{100}Tc	2008SJ01	RADIOACTIVITY ^{100}Tc(EC); measured X-ray spectra, Eγ, Iγ; deduced branching ratio, B(GT). JOUR PRVCA 78 064317
^{100}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009KI04	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for double-beta decay to excited states. JOUR NUPAB 821 251
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{100}Pd	2009RA06	NUCLEAR REACTIONS ^{99}Ru(^{3}He, 2n), E=17 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Pd; deduced J, π, level energies, branching and mixing ratios. Comparison with model calculations. JOUR NUPAB 821 1
	2009RA28	NUCLEAR REACTIONS ^{92}Mo(^{11}B, 2np), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin and half-lives using the recoil-distance Doppler-shift (RDDS) technique. ^{100}Pd; deduced levels, B(E1), B(E2). Comparison with predictions from collective models and the shell model. JOUR PRVCA 80 044331
^{100}Ag	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1

A=100 *(continued)*

^{100}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
^{100}Sn	2008BA53	NUCLEAR REACTIONS ^{9}Be(^{112}Sn, X)^{96}Cd / ^{98}In / ^{100}Sn, E=120 MeV / nucleon; measured cross sections. JOUR PRLTA 101 252501
	2008BA53	RADIOACTIVITY ^{96}Cd, ^{98}In, ^{100}Sn; measured decay spectra, half-lives. JOUR PRLTA 101 252501
	2008KRZW	NUCLEAR REACTIONS ^{86}Kr(^{9}Be, X), ^{124}Xe(^{9}Be, X), E=500, 1000 MeV / nucleon;^{50}Ca, ^{56}Ti, ^{100}Sn; measured Eγ, Iγ; deduced angular momentum values, spectroscopic factors. CONF Cappadocia (Nuclear Physics and Astrophysics),P52,Krucken

A=101

^{101}Y	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{101}Zr	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301

A=101 ***(continued)***

^{101}Nb	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
^{101}Mo	2009DAZY	RADIOACTIVITY ^{101}Mo(β^-)[from ^{100}Mo+n]; ^{101}Tc(β^-)[from ^{101}Mo]; measured Eγ, Iγ; deduced half-life. CONF Brazil (Nuclear Physics 2008) Proc. P185,da Silva
^{101}Tc	2009DAZY	RADIOACTIVITY ^{101}Mo(β^-)[from ^{100}Mo+n]; ^{101}Tc(β^-)[from ^{101}Mo]; measured Eγ, Iγ; deduced half-life. CONF Brazil (Nuclear Physics 2008) Proc. P185,da Silva
^{101}Ru	2009DAZY	RADIOACTIVITY ^{101}Mo(β^-)[from ^{100}Mo+n]; ^{101}Tc(β^-)[from ^{101}Mo]; measured Eγ, Iγ; deduced half-life. CONF Brazil (Nuclear Physics 2008) Proc. P185,da Silva
^{101}Rh	2009MI16	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=45 MeV; ^{89}Y(^{12}C, X), (^{16}O, X), E=40, 54 MeV; ^{105}Ag, ^{101}Rh; measured Eγ, Iγ, Eα, Iα, Ep, Ip, particle-γ-coin.; deduced γ-ray multiplicity gated by proton and α particle, proton spectra, broad structures. JOUR JPGPE 36 095103
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{101}Pd	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{101}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{101}In	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{101}Sn	2009SE06	NUCLEAR REACTIONS ^{58}Ni(^{46}Ti, 3n), E=192 MeV; measured Eγ, Iγ, β-delayed Ep, Ip. Comparison with shell model calculations. JOUR APOBB 40 621

A=102

^{102}Y	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{102}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{102}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{102}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
^{102}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{102}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{102}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805

A=102 ***(continued)***

	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{102}In	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1

A=103

^{103}Y	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{103}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{103}Nb	2009CH25	NUCLEAR MOMENTS ^{90,91,92,93,99,101,103}Nb; measured collinear fluorescence spectra, hfs coefficients; deduced magnetic dipole, electric quadrupole moments, mean-square charge radii. JOUR PRLTA 102 222501
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806

A=103 ***(continued)***

	2009WA10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{103}Nb; deduced high-spin levels, J, π, vibrational band structure. JOUR PYLBB 675 420
^{103}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
^{103}Ru	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{103}Rh	2008NOZZ	NUCLEAR REACTIONS ^{238}U(α, X), E=62 MeV;^{19}F, ^{25}Mg, ^{32}S, ^{34}S, ^{88}Sr, ^{103}Rh; measured Eγ, Iγ; deduced neutron clusters. Activation method, Ge detector. CONF Moscow,P74,Novatsky
	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
^{103}Pd	2009TA10	NUCLEAR REACTIONS Pd(p, X)^{103}Ag, Cd(p, X)^{103}Ag, ^{103}Rh(d, 2n), E<70 meV; measured Eγ, Iγ, excitation functions using stacked foil activation technique. Compared results to model calculations. JOUR ARISE 67 1574
^{103}Ag	2009TA10	NUCLEAR REACTIONS Pd(p, X)^{103}Ag, Cd(p, X)^{103}Ag, ^{103}Rh(d, 2n), E<70 meV; measured Eγ, Iγ, excitation functions using stacked foil activation technique. Compared results to model calculations. JOUR ARISE 67 1574
^{103}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{103}In	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1

A=104

^{104}Y	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{104}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{104}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{104}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009GU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317
^{104}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{104}Pd	2007SOZX	NUCLEAR REACTIONS ^{96}Zr(^{13}C, 5N), E=51, 58 MeV; ^{104}Pd; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced high-spin bands. REPT ATOMKI 2007 Annual,P26,Sohler

A=104 ***(continued)***

	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{104}Ag	2009BEZW	NUCLEAR REACTIONS ^{107}Ag(γ, 3n), ^{109}Ag(γ, 5n), E(end point)=33-100 MeV; measured Eγ, Iγ. ^{104}Ag; deduced isomeric yield ratios depending on Eγ. CONF Cheboksary,P132,Bessheiko
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
^{104}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{104}In	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{104}Sn	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=105

^{105}Y	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{105}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{105}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{105}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
	2009GU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{105}Tc	2009GU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317
^{105}Ru	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

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

^{105}Rh	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{105}Pd	2009GO29	RADIOACTIVITY ^{97}Ru(EC); ^{103}Ru, ^{105}Rh(β^-); measured Eγ, Iγ, half-lives at room temperature and 19 K. JOUR PRVCA 80 045501
^{105}Ag	2009MI16	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X), E=45 MeV; ^{89}Y(^{12}C, X), (^{16}O, X), E=40, 54 MeV; ^{105}Ag, ^{101}Rh; measured Eγ, Iγ, Eα, Iα, Ep, Ip, particle-γ-coin.; deduced γ-ray multiplicity gated by proton and α particle, proton spectra, broad structures. JOUR JPGPE 36 095103
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{105}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009EL08	ATOMIC MASSES ^{97,98,99,101}Pd, ^{100}Ag, ^{101,102,103,104,105}Cd, ^{102,104}In; measured masses using the JYFLTRAP Penning trap mass spectrometer. Comparison with evaluated values and data. JOUR ZAANE 40 1
^{105}In	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{105}Sn	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=106

^{106}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806

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

^{106}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{106}Mo	2008XU08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Tc; deduced levels, J, π, bands, B(E1) / B(E2) ratios. ^{106,107}Mo, ^{107}Tc; deduced bands. Comparison with particle-rotor model calculations. JOUR PRVCA 78 064301
	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{106}Tc	2009GU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317
^{106}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{106}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2008RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured 2ν two-ec-decay $T_{1/2}$ lower limit. The Telescope Germanium Vertical (TGV-2) spectrometer. CONF Moscow,P193,Rukhadze
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009RU07	RADIOACTIVITY ^{106}Cd(2EC); measured Eγ, Iγ; deduced 2EC-decay $T_{1/2}$ limits. TGV-2 spectrometer. JOUR BRSPE 73 741

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

	2009RUZZ	RADIOACTIVITY ^{106}Cd($2\beta^+$), (β^+EC), (2EC); measured $T_{1/2}$, Eγ, Iγ. TGV-2 spectrometer. CONF Cheboksary,P83,Rukhadze
^{106}Ag	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{106}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2008RUZZ	RADIOACTIVITY ^{106}Cd(2EC); measured 2ν two-ec-decay $T_{1/2}$ lower limit. The Telescope Germanium Vertical (TGV-2) spectrometer. CONF Moscow,P193,Rukhadze
	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009RU07	RADIOACTIVITY ^{106}Cd(2EC); measured Eγ, Iγ; deduced 2EC-decay $T_{1/2}$ limits. TGV-2 spectrometer. JOUR BRSPE 73 741
	2009RUZZ	RADIOACTIVITY ^{106}Cd($2\beta^+$), (β^+EC), (2EC); measured $T_{1/2}$, Eγ, Iγ. TGV-2 spectrometer. CONF Cheboksary,P83,Rukhadze
^{106}In	2009DE20	NUCLEAR REACTIONS ^{78}Se(^{32}S, 3np), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, γ(linear polarization). ^{106}In; deduced levels, J, π, bands, and configurations. Comparisons with projected deformed Hartree-Fock calculations. JOUR PRVCA 79 067304
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{106}Sn	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501
^{106}Sb	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=107

^{107}Zr	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{107}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{107}Mo	2008XU08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Tc; deduced levels, J, π, bands, B(E1) / B(E2) ratios. ^{106,107}Mo, ^{107}Tc; deduced bands. Comparison with particle-rotor model calculations. JOUR PRVCA 78 064301
	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{107}Tc	2008XU08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Tc; deduced levels, J, π, bands, B(E1) / B(E2) ratios. ^{106,107}Mo, ^{107}Tc; deduced bands. Comparison with particle-rotor model calculations. JOUR PRVCA 78 064301
	2009GU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317
	2009GU20	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{107}Tc; deduced levels, J, π, high-spin states, bands. Comparison with g-factor calculations. JOUR CPLEE 26 092502
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806

A=107 *(continued)*

^{107}Cd	2007IDZY	NUCLEAR REACTIONS ^{96}Zr(^{20}Ne, p6n), ^{96}Zr(^{20}Ne, α5n), E=130 MeV; measured Eγ, Iγ, $\gamma\alpha$-coin, γp-coin. REPT CNS-REP-76,P13,Ideguchi
	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
^{107}In	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
^{107}Sn	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501
^{107}Sb	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=108

^{108}Zr	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{108}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{108}Mo	2009CH09	NUCLEAR MOMENTS ^{90,91,92,94,95,96,97,98,100,102,103,104,105,106,108}Mo; measured hfs; deduced hyperfine structure coefficients, charge radius, magnetic moment. Collinear laser spectroscopy. JOUR PYLBB 674 23

A=108 ***(continued)***

	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{108}Tc	2008XU08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Tc; deduced levels, J, π, bands, B(E1) / B(E2) ratios. ^{106,107}Mo, ^{107}Tc; deduced bands. Comparison with particle-rotor model calculations. JOUR PRVCA 78 064301
	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{108}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009LU01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{108,110,112}Ru; deduced levels, J, π, rotational bands, B(E2) / B(M1). Tilted axis cranking and RPA calculations. JOUR PYLBB 670 307
	2009LU18	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, B(E1) / B(E2), chiral doubling. Comparison with other chiral doubling candidates. JOUR IMPEE 18 1697
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806

A=108 ***(continued)***

	2009ZH24	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced high-spin, even-parity bands, branching ratios, odd-even spin energy band staggering, doubling of levels in ^{110}Ru, deformation parameters, triaxiality. Comparison with TRS calculations. JOUR IMPEE 18 1717
^{108}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2^+ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
^{108}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
^{108}In	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{108}Sn	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501
^{108}Sb	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501
^{108}Te	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=109

^{109}Nb	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{109}Mo	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{109}Tc	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{109}Ru	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{109}Pd	2008ZH29	NUCLEAR REACTIONS ^{110}Pd, ^{112}Cd, ^{113}In(γ, n), E=9-18 MeV; measured Eγ, Iγ, cross sections for isomeric state population. JOUR BRSPE 72 1548
	2009PAZZ	NUCLEAR REACTIONS ^{110}Pd, ^{142}Nd, ^{144}Sm(γ, n), E=27, 28, 29, 30 MeV; measured Eγ, Iγ. ^{109}Pd; deduced isomeric yield ratios depending on Eγ. Activation technique. CONF Cheboksary,P146,Palvanov
^{109}Ag	2007TIZZ	NUCLEAR REACTIONS ^{96}Zr(^{18}C, P4N), E not given; ^{109}Ag; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced level scheme. REPT ATOMKI 2007 Annual,P27,Timar

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

	2008VI09	RADIOACTIVITY ^{109}Ag, ^{123}Te, ^{147}Pm(IT); measured Eγ, Iγ, X-ray spectra, eγ-, eX-ray-coin. Deduced hypersatellite energy shift. JOUR BRSPE 72 1559
	2009ZI01	NUCLEAR REACTIONS ^{109}Ag(^{44}Ar, ^{44}Ar'), E=2.68 MeV / nucleon; ^{208}Pb(^{44}Ar, ^{44}Ar'), E=3.68 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, γ yields. ^{44}Ar; deduced levels, B(E2) matrix elements, spectroscopic quadrupole moments. Comparisons with experimental data for neighboring A=42-46 Ar, S and Si nuclides and GCM(GOA), AMPGCM, and Shell model calculations. JOUR PRVCA 80 014317
^{109}Cd	2009BR09	ATOMIC MASSES ^{99,100,101,102,103,104,105,106,107,108,109}Cd; measured and evaluated masses using ISOLTRAP penning-trap spectrometer. Comparisons with other measurements and AME-2003 evaluation. JOUR PRVCA 80 035805
	2009RA17	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from Nb(^{20}Ne, X), E=150 MeV]; measured Eγ, Iγ, $T_{1/2}$ in different media and observed media-dependent change in $T_{1/2}$. Discussed observed effect in terms of electron-density calculations. JOUR PYLBB 679 106
^{109}In	2007IDZY	NUCLEAR REACTIONS ^{96}Zr(^{20}Ne, p6n), ^{96}Zr(^{20}Ne, α5n), E=130 MeV; measured Eγ, Iγ, $\gamma\alpha$-coin, γp-coin. REPT CNS-REP-76,P13,Ideguchi
	2007ZHZX	NUCLEAR REACTIONS ^{96}Zr(^{20}Ne, p6n), E=≈6.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin., $\pi\gamma$-coin., $\alpha\gamma$-coin; deduced σ, high-spin states of ^{109}In; calculated σ using statistical CASCADE code. REPT CNS-REP-76,P19,Zheng
	2009EL08	NUCLEAR REACTIONS ^{92}Mo(p, X)^{85}Nb / ^{86}Nb / ^{87}Nb / ^{88}Nb / ^{89}Nb / ^{90}Nb / ^{91}Nb, E=62 MeV; ^{106}Cd(p, X)^{101}In / ^{102}In / ^{103}In / ^{104}In / ^{105}In / ^{106}In / ^{107}In / ^{108}In / ^{109}In, E=62 MeV; measured yields; deduced production σ. Enriched target. JOUR ZAANE 40 1
	2009RA17	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from Nb(^{20}Ne, X), E=150 MeV]; measured Eγ, Iγ, $T_{1/2}$ in different media and observed media-dependent change in $T_{1/2}$. Discussed observed effect in terms of electron-density calculations. JOUR PYLBB 679 106
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{109}Sn	2009BA31	NUCLEAR REACTIONS ^{109}Sn(γ, γ), E=23.87 keV; measured Mossbauer absorption spectrum in resonant environment; deduced no effect on $T_{1/2}$ value. JOUR BRSPE 73 731
^{109}Sb	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501
^{109}Te	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=110

^{110}Nb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{110}Mo	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{110}Tc	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{110}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009LU01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{108,110,112}Ru; deduced levels, J, π, rotational bands, B(E2) / B(M1). Tilted axis cranking and RPA calculations. JOUR PYLBB 670 307

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

	2009LU18	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, B(E1) / B(E2), chiral doubling. Comparison with other chiral doubling candidates. JOUR IMPEE 18 1697
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009ZH24	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced high-spin, even-parity bands, branching ratios, odd-even spin energy band staggering, doubling of levels in ^{110}Ru, deformation parameters, triaxiality. Comparison with TRS calculations. JOUR IMPEE 18 1717
^{110}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009HU03	NUCLEAR REACTIONS ^{110}Pd(^{29}Na, ^{29}Na'), E=70 MeV; measured Eγ, Iγ, (particle)γ-coin, charged-particle spectra following Coulomb excitation; deduced σ. ^{29}Na; deduced B(E2). Comparison with shell model. JOUR PYLBB 674 168
	2009OLZX	NUCLEAR REACTIONS ^{110}Pd(^{18}O, ^{18}O'), E=57 MeV; measured E(particle), I(particle), θ(particle), Eγ, Iγ, particle-γ-coin.; deduced dσ; calculated dσ with Sao Paulo potential in DIC. CONF Brazil (Nuclear Physics 2008) Proc. P172,Oliveira
^{110}Ag	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{110}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009SU09	NUCLEAR REACTIONS ^{92}Mo(^{56}Fe, 2n2p), E=280 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$. ^{144}Dy; deduced levels, J, π, multipolarity, B(M1), B(E2), configurations, magnetic and antimagnetic rotational bands. A=136-146, even-A Ce, Nd, Sm, Gd, Tb, Dy; level systematics. ^{110}Cd, ^{144}Dy; discussed comparison of magnetic and antimagnetic rotors. JOUR PRVCA 79 064321

A=110 *(continued)*

^{110}In	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009RA17	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from Nb(^{20}Ne, X), E=150 MeV]; measured Eγ, Iγ, $T_{1/2}$ in different media and observed media-dependent change in $T_{1/2}$. Discussed observed effect in terms of electron-density calculations. JOUR PYLBB 679 106
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
	2010RA01	NUCLEAR REACTIONS In(γ, xn)^{110}In, ^{113}In(γ, 2n), ^{111}In, In(γ, xn), ^{111}In, ^{113}In(γ, n), ^{112}In, In(γ, xn), ^{112}In, ^{118}Sn(γ, p), ^{117}In, Sn(γ, xnp)^{117}In, E<70 MeV; measured Eγ, Iγ; deduced isomeric yield ratios. Comparison with other values. JOUR NIMBE 268 13
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{110}Sn	2009RA17	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from Nb(^{20}Ne, X), E=150 MeV]; measured Eγ, Iγ, $T_{1/2}$ in different media and observed media-dependent change in $T_{1/2}$. Discussed observed effect in terms of electron-density calculations. JOUR PYLBB 679 106
^{110}Sb	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=111

^{111}Nb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=111 ***(continued)***

^{111}Mo	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{111}Tc	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{111}Ru	2009GO18	RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{111}Rh	2009LI25	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{134}I; deduced levels, J, π, yrast states. ^{111,112,113}Rh; measured Eγ, $\gamma\gamma$-coin. Discussed systematics of yrast levels in Iodine nuclides. JOUR PRVCA 79 067303
	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
^{111}Ag	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{111}Cd	2008ZH29	NUCLEAR REACTIONS ^{110}Pd, ^{112}Cd, ^{113}In(γ, n), E=9-18 MeV; measured Eγ, Iγ, cross sections for isomeric state population. JOUR BRSPE 72 1548
	2010RA01	NUCLEAR REACTIONS In(γ, xn)^{110}In, ^{113}In(γ, 2n), ^{111}In, In(γ, xn), ^{111}In, ^{113}In(γ, n), ^{112}In, In(γ, xn), ^{112}In, ^{118}Sn(γ, p), ^{117}In, Sn(γ, xnp)^{117}In, E<70 MeV; measured Eγ, Iγ; deduced isomeric yield ratios. Comparison with other values. JOUR NIMBE 268 13

A=111 ***(continued)***

	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{111}In	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009TS04	NUCLEAR REACTIONS ^{109}Ag(α, 2n), E=30 MeV; Measured Eγ, Iγ(θ, t), $\gamma\gamma$-coin; deduced nuclear quadrupole hyperfine interaction parameters in UGe2 and UAl2 compounds; Deduced hyperfine structure. Time dependent perturbed angular correlation method. JOUR JTPLA 89 280
	2010RA01	NUCLEAR REACTIONS In(γ, xn)^{110}In, ^{113}In(γ, 2n), ^{111}In, In(γ, xn), ^{111}In, ^{113}In(γ, n), ^{112}In, In(γ, xn), ^{112}In, ^{118}Sn(γ, p), ^{117}In, Sn(γ, xnp)^{117}In, E<70 MeV; measured Eγ, Iγ; deduced isomeric yield ratios. Comparison with other values. JOUR NIMBE 268 13
	2010TA02	NUCLEAR REACTIONS Ag(α, xn)^{108}In / ^{109}In / ^{110}In / ^{111}In, Ag(α, xn2p)^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag, Ag(α, xnp)^{111}Cd, E<40 MeV; measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 2
^{111}I	2009EL07	ATOMIC MASSES ^{104,105,106,107,108}Sn, ^{106,107,108,109,110}Sb, ^{108,109}Te, ^{111}I; Measured atomic masses using JYFLTRAP Penning-trap spectrometer;deduced single-proton separation energy. Comparison with AME2003 evaluation. JOUR PRLTA 102 252501

A=112

^{112}Tc	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806

A=112 ***(continued)***

^{112}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009LU01	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{108,110,112}Ru; deduced levels, J, π, rotational bands, B(E2) / B(M1). Tilted axis cranking and RPA calculations. JOUR PYLBB 670 307
	2009LU18	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, B(E1) / B(E2), chiral doubling. Comparison with other chiral doubling candidates. JOUR IMPEE 18 1697
	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
	2009ZH24	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced high-spin, even-parity bands, branching ratios, odd-even spin energy band staggering, doubling of levels in ^{110}Ru, deformation parameters, triaxiality. Comparison with TRS calculations. JOUR IMPEE 18 1717
^{112}Rh	2009LI25	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{134}I; deduced levels, J, π, yrast states. ^{111,112,113}Rh; measured Eγ, $\gamma\gamma$-coin. Discussed systematics of yrast levels in Iodine nuclides. JOUR PRVCA 79 067303
^{112}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{112}Ag	2009GR10	RADIOACTIVITY ^{112}Ag(β^-), ^{112}In(EC)[from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin using 8π array. ^{112}Cd; deduced levels, J, π, B(E2). Discussed implications for $0\nu\beta\beta$ decay of ^{112}Sn. JOUR PRVCA 80 032502
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

A=112 ***(continued)***

^{112}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009BA44	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ; deduced upper half-life limits for different decay modes and to levels in ^{112}Cd. Comparison with previous studies. JOUR PRVCA 80 035501
	2009GR10	RADIOACTIVITY ^{112}Ag(β^-), ^{112}In(EC)[from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin using 8π array. ^{112}Cd; deduced levels, J, π, B(E2). Discussed implications for $0\nu\beta\beta$ decay of ^{112}Sn. JOUR PRVCA 80 032502
^{112}In	2008ZH29	NUCLEAR REACTIONS ^{110}Pd, ^{112}Cd, ^{113}In(γ, n), E=9-18 MeV; measured Eγ, Iγ, cross sections for isomeric state population. JOUR BRSPE 72 1548
	2009GR10	RADIOACTIVITY ^{112}Ag(β^-), ^{112}In(EC)[from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin using 8π array. ^{112}Cd; deduced levels, J, π, B(E2). Discussed implications for $0\nu\beta\beta$ decay of ^{112}Sn. JOUR PRVCA 80 032502
	2010RA01	NUCLEAR REACTIONS In(γ, xn)^{110}In, ^{113}In(γ, 2n), ^{111}In, In(γ, xn), ^{111}In, ^{113}In(γ, n), ^{112}In, In(γ, xn), ^{112}In, ^{118}Sn(γ, p), ^{117}In, Sn(γ, xnp)^{117}In, E<70 MeV; measured Eγ, Iγ; deduced isomeric yield ratios. Comparison with other values. JOUR NIMBE 268 13
^{112}Sn	2008VOZX	NUCLEAR REACTIONS ^{112,120}Sn(γ, γ'), E < 9.5 MeV; measured Eγ, Iγ; deduced B(E1) distribution. ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip; deduced B(E1) distribution. CONF Cappadocia (Nuclear Physics and Astrophysics),P124,von Neumann-Co
	2009BA44	RADIOACTIVITY ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ; deduced upper half-life limits for different decay modes and to levels in ^{112}Cd. Comparison with previous studies. JOUR PRVCA 80 035501
	2009RA11	ATOMIC MASSES ^{112}Sn; Measured atomic masses using precision cryogenic Penning-trap spectrometer; Deduced Q-value for 2β-decay. JOUR PRLTA 103 042501

A=113

^{113}Mo	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{113}Tc	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{113}Ru	2009PE06	RADIOACTIVITY ^{100,101,102,103,104,105}Y, ^{103,104,105,106,107}Zr, ^{106,107,108,109}Nb, ^{108,109,110,111}Mo, ^{109,110,111,112,113}Tc(β^-), (β^-n)[from ^{9}Be(^{136}Xe, X), E=120 MeV / nucleon]; measured fragments, neutrons, β, (fragment)β-coin, half-lives; deduced delayed neutron-emission probabilities. Comparisons with quasiparticle random phase approximation (QRPA03 and QRPA06) calculations. Discussed relevance to r-process nuclei. JOUR PRVCA 79 035806
^{113}Rh	2009LI25	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{134}I; deduced levels, J, π, yrast states. ^{111,112,113}Rh; measured Eγ, $\gamma\gamma$-coin. Discussed systematics of yrast levels in Iodine nuclides. JOUR PRVCA 79 067303
	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
^{113}Cd	2009DA03	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$, Q-value using CdZnTe detectors in underground laboratory. JOUR NUPAB 818 264
^{113}In	2009DA03	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$, Q-value using CdZnTe detectors in underground laboratory. JOUR NUPAB 818 264
	2010HE01	NUCLEAR REACTIONS ^{116}Cd(p, 4n), (p, 3n), (p, 2n), (p, n), (p, pn), E<36 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE and EMPIRE codes. JOUR ARISE 68 14

A=113 *(continued)*

^{113}Sn	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{113}Sb	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306

A=114

^{114}Ru	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{114}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{114}Cd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), (2β^+); ^{114,116}Cd, ^{128}Te, ^{130}Te(2β^-); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502

A=114 ***(continued)***

	2009KO14	NUCLEAR REACTIONS ^{113}Cd(n, γ), E not given; measured neutron transmission; deduced resonance parameters. JOUR NIMBE 267 2345
^{114}In	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
	2010HE01	NUCLEAR REACTIONS ^{116}Cd(p, 4n), (p, 3n), (p, 2n), (p, n), (p, pn), E<36 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE and EMPIRE codes. JOUR ARISE 68 14
^{114}Sn	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), (2β^+); ^{114,116}Cd, ^{128}Te, ^{130}Te(2β^-); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502

A=115

^{115}Tc	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=115 *(continued)*

^{115}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
	2009VIZZ	NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E(end point)=9.6-10.5 MeV; measured Eγ, Iγ. ^{115}Cd, ^{120}Sb; deduced isomeric yield ratios depending on Eγ. CONF Cheboksary,P137,Vishnevsky
	2010HE01	NUCLEAR REACTIONS ^{116}Cd(p, 4n), (p, 3n), (p, 2n), (p, n), (p, pn), E<36 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE and EMPIRE codes. JOUR ARISE 68 14
^{115}In	2009MO23	ATOMIC MASSES ^{115}In, ^{115}Sn; measured cyclotron frequency ratios with Penning Trap mass spectrometer; deduced atomic masses, ^{115}In-^{115}Sn Q-value. JOUR PRLTA 103 122502
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
	2009WI10	ATOMIC MASSES ^{115}In, ^{115}Sn; measured TOF ion-cyclotron resonance using Penning Trap mass spectrometer, Eγ, Iγ; deduced ^{115}In-^{115}Sn Q-value, $T_{1/2}$. JOUR PRLTA 103 122501
	2010HE01	NUCLEAR REACTIONS ^{116}Cd(p, 4n), (p, 3n), (p, 2n), (p, n), (p, pn), E<36 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE and EMPIRE codes. JOUR ARISE 68 14
^{115}Sn	2009MO23	ATOMIC MASSES ^{115}In, ^{115}Sn; measured cyclotron frequency ratios with Penning Trap mass spectrometer; deduced atomic masses, ^{115}In-^{115}Sn Q-value. JOUR PRLTA 103 122502

A=115 ***(continued)***

	2009WI10	ATOMIC MASSES ^{115}In, ^{115}Sn; measured TOF ion-cyclotron resonance using Penning Trap mass spectrometer, Eγ, Iγ; deduced ^{115}In-^{115}Sn Q-value, $T_{1/2}$. JOUR PRLTA 103 122501
^{115}Sb	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306

A=116

^{116}Tc	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{116}Pd	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302

A=116 *(continued)*

^{116}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{116}In	2009SA48	NUCLEAR REACTIONS ^{48}Ca, ^{116}Cd(p, n), ^{48}Ti, ^{116}Sn(n, p), E=300 MeV; measured $\sigma(\theta$, E); deduced GT plus IVSM strength distributions. Comparison with fp-shell model space and GXPF1A interaction. JOUR IMPEE 18 2119
	2009TA11	NUCLEAR REACTIONS ^{115}In(n, γ), E=1.45 eV; measured Eγ, Iγ, yields for prompt emissions. JOUR ARISE 67 1711
	2010HE01	NUCLEAR REACTIONS ^{116}Cd(p, 4n), (p, 3n), (p, 2n), (p, n), (p, pn), E<36 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE and EMPIRE codes. JOUR ARISE 68 14
^{116}Sn	2008GUZS	NUCLEAR REACTIONS ^{118}Sn(p, t), E=24.6 MeV; measured Et, It; deduced σ to individual states, J, π; calculated using DWBA. REPT MLL 2007 Annual,P9,Guzaaoni
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov

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

	2009AG01	NUCLEAR REACTIONS ^{117}Sn(^{3}He, $\alpha\gamma$), (^{3}He, ^{3}He'γ), E=38 MeV; measured Eγ, Iγ, particle spectra, (particle)γ-coin. ^{116,117}Sn; deduced excitation energies, entropies, level densities, microcanonical temperatures. JOUR PRVCA 79 014320
	2009CH06	NUCLEAR REACTIONS ^{116}Sn(^{6}Li, ^{6}Li'), E=240 MeV; measured ^{6}Li spectra, angular distributions, cross sections. ^{116}Sn; deduced energies, widths, energy weighted sum strength distributions for isoscalar E0, E1, E2, E3 giant resonances using double-folding model analysis. DWBA analysis of angular distributions. Comparison with corresponding data from inelastic α scattering. JOUR PRVCA 79 024320
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{116}Sb	2009YA08	NUCLEAR REACTIONS ^{113}In(α, γ), (α, n)^{116}Sb / ^{116m}Sb / ^{117}Sb, E(cm)=8.66-13.64 MeV; measured Eγ, Iγ, σ, astrophysical S factors. Comparison with statistical model calculations. JOUR PRVCA 79 065801

A=117

^{117}Tc	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{117}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{117}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{117}In	2008GUZT	NUCLEAR REACTIONS ^{120,121}Sn(p, α), E=23 MeV; measured Eα, Iα using polarized protons; deduced $\sigma(\theta)$, Ay(θ). REPT MLL 2007 Annual,P8,Guzaaoni
	2008VI10	NUCLEAR REACTIONS ^{118}Sn(γ, p), Sb(γ, α)^{117}In, ^{197}Au(γ, n), E=15, 22 MeV; measured Eγ, Iγ, isomeric rations. JOUR BRSPE 72 1569
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
	2010RA01	NUCLEAR REACTIONS In(γ, xn)^{110}In, ^{113}In(γ, 2n), ^{111}In, In(γ, xn), ^{111}In, ^{113}In(γ, n), ^{112}In, In(γ, xn), ^{112}In, ^{118}Sn(γ, p), ^{117}In, Sn(γ, xnp)^{117}In, E<70 MeV; measured Eγ, Iγ; deduced isomeric yield ratios. Comparison with other values. JOUR NIMBE 268 13

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

^{117}Sn	2009AG01	NUCLEAR REACTIONS ^{117}Sn(^{3}He, $\alpha\gamma$), (^{3}He, ^{3}He'γ), E=38 MeV; measured Eγ, Iγ, particle spectra, (particle)γ-coin. ^{116,117}Sn; deduced excitation energies, entropies, level densities, microcanonical temperatures. JOUR PRVCA 79 014320
	2009AG03	NUCLEAR REACTIONS ^{117}Sn(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ, 7radiative strength function. ^{117}Sn; deduced level density. JOUR PRLTA 102 162504
	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009PO05	NUCLEAR REACTIONS ^{117}Sn(n, nγ), E=fast; Measured yield. BR2 reactor, Inductively Coupled Plasma Mass Spectrometry (ICPMS). JOUR ARISE 67 1158
^{117}Sb	2007YAZQ	NUCLEAR REACTIONS ^{113}In(α, γ), E = 8-12 MeV; measured induced activity, Eγ, Iγ; deduced σ. REPT ATOMKI 2007 Annual,P28,Yalcin
	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
	2009YA08	NUCLEAR REACTIONS ^{113}In(α, γ), (α, n)^{116}Sb / ^{116m}Sb / ^{117}Sb, E(cm)=8.66-13.64 MeV; measured Eγ, Iγ, σ, astrophysical S factors. Comparison with statistical model calculations. JOUR PRVCA 79 065801
^{117}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317

A=118

^{118}Ru	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{118}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{118}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=118 ***(continued)***

	2008DE30	NUCLEAR REACTIONS ^{9}Be(^{110}Pd, ^{110}Pd'), E=66 MeV / nucleon; ^{9}Be(^{114}Pd, ^{114}Pd'), E=69 MeV / nucleon; measured Eγ, Iγ, half-lives using recoil distance doppler shift method. ^{110,114}Pd; deduced levels, J, π, B(E2). ^{102,104,106,108,112,116}Pd, ^{104,106,108,110,112,114,116,118}Cd, ^{96,98,100,102,104,106,108,110,112,114}Ru; systematics of B(E2) values. Coulomb excitation. Comparisons with Interacting Boson Model. JOUR PRVCA 78 051302
^{118}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008GUZT	NUCLEAR REACTIONS ^{120,121}Sn(p, α), E=23 MeV; measured Eα, Iα using polarized protons; deduced $\sigma(\theta)$, Ay(θ). REPT MLL 2007 Annual,P8,Guzaaoni
^{118}Sn	2007WAZS	NUCLEAR REACTIONS ^{118}Sn(^{64}Ni, ^{64}Ni'), E=215-260 MeV; measured E(particle), I(particle), θ(particle) backscattering; deduced quasielastic σ, barrier distribution. REPT JAEA-Review 2007-046,P51,Watanabe
	2008GU17	NUCLEAR REACTIONS ^{120}Sn(p, t), E=21 MeV; measured triton spectra, σ, $\sigma(\theta)$; deduced levels, J, π. Comparison with shell-model, distorted-wave Born approximation calculations. JOUR PRVCA 78 064608
	2009WAZX	NUCLEAR REACTIONS ^{124}Sn(^{58}Ni, ^{58}Ni'), E=195-245 MeV; ^{118}Sn(^{64}Ni, ^{64}Ni'), E=215-260 MeV; measured E(particle), I(particle), θ(particle) at backward angles; deduced σ, dσ; calculated σ, dσ using CC code CCFULL. Both reactions produce the same composite system. CONF Tokai (Perspective in Nuc Phys), Proc.P280,Watanabe
^{118}Sb	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602

A=119

^{119}Ru	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{119}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{119}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=119 ***(continued)***

^{119}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{119}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{119}Sb	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{119}Te	2008PAZU	NUCLEAR REACTIONS ^{120,130}Te(γ, n), E = 12-35 MeV; measured Eγ, Iγ. ^{119,129}Te; deduced isomeric yield ratios. Betatron, activation method, Ge(Li) detector. CONF Moscow,P154,Palvanov
	2009MAZY	NUCLEAR REACTIONS ^{120,122,130}Te(γ, n), E(end point)=17.5 MeV; measured Eγ, Iγ. ^{119,121,129}Te; deduced isomeric yield ratios. CONF Cheboksary,P130,Mazur

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^{120}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{120}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{120}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{120}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{120}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008VOZX	NUCLEAR REACTIONS ^{112,120}Sn(γ, γ'), E < 9.5 MeV; measured Eγ, Iγ; deduced B(E1) distribution. ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip; deduced B(E1) distribution. CONF Cappadocia (Nuclear Physics and Astrophysics),P124,von Neumann-Co
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009DEZW	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, ^{7}Li), E=19.5, 20.5, 25 MeV; ^{120}Sn(^{7}Li, ^{7}Li'), E=19.5, 20.5, 25 MeV;^{120}Sn(^{7}Li, ^{6}Li), E=19.5, 20.5, 25 MeV;^{120}Sn(^{6}Li, ^{6}Li'), E=19.5 MeV; measured E(particle), I(particle), θ(particle); deduced dσ, nuclear densities; calculated dσ using optical model with Sao Paulo potential. CONF Brazil (Nuclear Physics 2008) Proc. P106,de Sousa

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	2009LIZY	NUCLEAR REACTIONS ^{51}V(^{8}Li, ^{8}Li), E=26 MeV; ^{51}V(^{6}He, ^{6}He), E=15.4, 23 MeV; ^{120}Sn(^{6}He, ^{6}He), E=17.4, 17.1, 19.8, 20.5 MeV; measured E(particle), θ(particle), I(particle); deduced dσ; calculated dσ using CDCC; ^{120}Sn(^{6}He, α), E=17.4, 17.1, 19.8, 20.5 MeV; measured Eα, Iα, $\theta\alpha$; deduced dσ; calculated dσ using CDCC and Transfer-to-Continuum DWBA; ^{120}Sn(^{6}He, ^{5}He), E=17.4, 17.1, 19.8, 20.5 MeV; calculated dσ. RIBRAS system. CONF Brazil (Nuclear Physics 2008) Proc. P76,Lichtenthaler
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009SC19	RADIOACTIVITY ^{120}Te(2β^+); ^{128,130}Te(2β^-); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
	2009VA01	NUCLEAR REACTIONS ^{120}Sn(^{74}Zn, ^{74}Zn'), E=2.87 MeV / nucleon; ^{120}Sn(^{76}Zn, ^{76}Zn'), E=2.83 MeV / nucleon; ^{108}Pd(^{78}ZN, ^{78}Zn'), E=2.87 MeV / nucleon; ^{108}Pd(^{80}Zn, ^{80}Zn'), E=2.79 MeV / nucleon; measured Eγ, Iγ, charged particle spectra, (particle)-γ coin, measured half-lives of first 2$^+$ state, B(E2). ^{74,76,78,80}Zn, ^{80}Ga, ^{80}Rb, ^{108}Pd, ^{120}Sn; deduced levels. Fe, Ni, Zn, Ge, Se; systematics of B(E2) values. Comparison with shell-model calculations. JOUR PRVCA 79 014309
^{120}Sb	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009SA06	NUCLEAR REACTIONS ^{7}Li, C(p, n), E=297 MeV; ^{58}Ni, ^{70}Zn, ^{114}Cd, ^{118}Sn, ^{120}Sn(p, n), E=198, 297 MeV; measured neutron TOF and σ(E, θ). ^{7}Be, ^{12}N, ^{13}N, ^{58}Cu, ^{70}Ga, ^{114}In, ^{118}Sb, ^{120}Sb; deduced B(GT). JOUR PRVCA 79 024602
	2009VIZZ	NUCLEAR REACTIONS ^{116}Cd, ^{121}Sb(γ, n), E(end point)=9.6-10.5 MeV; measured Eγ, Iγ. ^{115}Cd, ^{120}Sb; deduced isomeric yield ratios depending on Eγ. CONF Cheboksary,P137,Vishnevsky
^{120}Te	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), (2β^+); ^{114,116}Cd, ^{128}Te, ^{130}Te(2β^-); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502

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

	2009GU27	RADIOACTIVITY ^{120}I(EC); measured Eγ. ^{120}I; deduced ground-state half-life. JOUR PRVCA 80 035804
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009SC19	RADIOACTIVITY ^{120}Te($2\beta^+$); ^{128,130}Te($2\beta^-$); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
^{120}I	2009GU27	NUCLEAR REACTIONS ^{120}Te(p, γ), (p, n), E(cm)=2.47-7.93 MeV; measured Eγ, Iγ, half-life, σ by activation method; deduced astrophysical S factors. Comparison with statistical model calculations using NON-SMOKER and TALYS computer codes. JOUR PRVCA 80 035804
	2009GU27	RADIOACTIVITY ^{120}I(EC); measured Eγ. ^{120}I; deduced ground-state half-life. JOUR PRVCA 80 035804

A=121

^{121}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{121}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
^{121}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{121}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{121}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009DEZW	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, ^{7}Li), E=19.5, 20.5, 25 MeV; ^{120}Sn(^{7}Li, ^{7}Li'), E=19.5, 20.5, 25 MeV;^{120}Sn(^{7}Li, ^{6}Li), E=19.5, 20.5, 25 MeV;^{120}Sn(^{6}Li, ^{6}Li'), E=19.5 MeV; measured E(particle), I(particle), θ(particle); deduced dσ, nuclear densities; calculated dσ using optical model with Sao Paulo potential. CONF Brazil (Nuclear Physics 2008) Proc. P106,de Sousa
	2009LIZY	NUCLEAR REACTIONS ^{51}V(^{8}Li, ^{8}Li), E=26 MeV; ^{51}V(^{6}He, ^{6}He), E=15.4, 23 MeV; ^{120}Sn(^{6}He, ^{6}He), E=17.4, 17.1, 19.8, 20.5 MeV; measured E(particle), θ(particle), I(particle); deduced dσ; calculated dσ using CDCC; ^{120}Sn(^{6}He, α), E=17.4, 17.1, 19.8, 20.5 MeV; measured Eα, Iα, $\theta\alpha$; deduced dσ; calculated dσ using CDCC and Transfer-to-Continuum DWBA; ^{120}Sn(^{6}He, ^{5}He), E=17.4, 17.1, 19.8, 20.5 MeV; calculated dσ. RIBRAS system. CONF Brazil (Nuclear Physics 2008) Proc. P76,Lichtenthaler

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

^{121}Sb	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{121}Te	2009MAZY	NUCLEAR REACTIONS ^{120,122,130}Te(γ, n), E(end point)=17.5 MeV; measured Eγ, Iγ. ^{119,121,129}Te; deduced isomeric yield ratios. CONF Cheboksary,P130,Mazur
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{121}I	2009GU27	NUCLEAR REACTIONS ^{120}Te(p, γ), (p, n), E(cm)=2.47-7.93 MeV; measured Eγ, Iγ, half-life, σ by activation method; deduced astrophysical S factors. Comparison with statistical model calculations using NON-SMOKER and TALYS computer codes. JOUR PRVCA 80 035804
^{121}Xe	2007BEZQ	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, α3n), E not given; ^{121}Xe; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\gamma\gamma\mp$coin.; deduced level scheme. Comparison with Nilsson-Strutinsky calculations. REPT ATOMKI 2007 Annual,P29,Berek
^{121}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317

A=122

^{122}Rh	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{122}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{122}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=122 ***(continued)***

^{122}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{122}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{122}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008GUZR	NUCLEAR REACTIONS ^{124}Sn(p, t), E=25 MeV; measured Et, It; deduced J, π, σ(J, π). REPT MLL 2007 Annual,P12,Guazzoni

A=122 ***(continued)***

	2009LIZY	NUCLEAR REACTIONS ^{51}V(^{8}Li, ^{8}Li), E=26 MeV; ^{51}V(^{6}He, ^{6}He), E=15.4, 23 MeV; ^{120}Sn(^{6}He, ^{6}He), E=17.4, 17.1, 19.8, 20.5 MeV; measured E(particle), θ(particle), I(particle); deduced dσ; calculated dσ using CDCC; ^{120}Sn(^{6}He, α), E=17.4, 17.1, 19.8, 20.5 MeV; measured Eα, Iα, $\theta\alpha$; deduced dσ; calculated dσ using CDCC and Transfer-to-Continuum DWBA; ^{120}Sn(^{6}He, ^{5}He), E=17.4, 17.1, 19.8, 20.5 MeV; calculated dσ. RIBRAS system. CONF Brazil (Nuclear Physics 2008) Proc. P76,Lichtenthaler
^{122}Sb	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{122}Te	2008HI17	NUCLEAR REACTIONS ^{122,124,126,128,130}Te(n, n'γ), E=1.7-3.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler Shift Attenuation Method; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2), mixed-symmetry states. Comparison with Interacting Boson Model calculations. JOUR PRVCA 78 054320
	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502
^{122}I	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502
^{122}La	2008FA13	NUCLEAR REACTIONS ^{92}Mo(^{40}Ca, np2α), E=190, 200 MeV; measured Eγ, Iγ, nγ-, (X-ray)γ-, (charged particle)γ-coin. ^{122}La deduced levels, J, π, band configurations; calculated deformation using a cranked shell model. JOUR ZAANE 38 43

A=123

^{123}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{123}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{123}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=123 ***(continued)***

^{123}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{123}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{123}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=123 ***(continued)***

	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{123}Te	2008VI09	RADIOACTIVITY ^{109}Ag, ^{123}Te, ^{147}Pm(IT); measured Eγ, Iγ, X-ray spectra, eγ-, eX-ray-coin. Deduced hypersatellite energy shift. JOUR BRSPE 72 1559
^{123}I	2009ZH19	NUCLEAR REACTIONS ^{116}Cd(^{14}N, α3n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{123}I; deduced level scheme, energies, new band in ^{123}I, B(M1) / B(E2). Cranked shell and geometrical models. JOUR CPLEE 26 082301
^{123}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317

A=124

^{124}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{124}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{124}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{124}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{124}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008WAZX	NUCLEAR REACTIONS ^{124}Sn(^{64}Ni, ^{64}Ni'), E(cm)≈140-170 MeV; measured E(particle), I(particle), θ(particle) backscattering; deduced quasielastic σ. REPT JAEA-Review 2008-054,P51,Watanabe
	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2009HW02	RADIOACTIVITY ^{124}Sn($2\beta^-$); measured summed electron energy spectrum; deduced $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR APHYE 31 412
	2009WAZX	NUCLEAR REACTIONS ^{124}Sn(^{58}Ni, ^{58}Ni'), E=195-245 MeV; ^{118}Sn(^{64}Ni, ^{64}Ni'), E=215-260 MeV; measured E(particle), I(particle), θ(particle) at backward angles; deduced σ, dσ; calculated σ, dσ using CC code CCFULL. Both reactions produce the same composite system. CONF Tokai (Perspective in Nuc Phys), Proc.P280,Watanabe
^{124}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=124 *(continued)*

	2009BEZZ	RADIOACTIVITY ^{124}Sb(β^-); measured Eβ, Iβ, Eγ, Iγ, E(K X-ray), I(K X-ray), $\beta\gamma$-coin, $T_{1/2}$. Comparison of multiple measurements by different laboratories. REPT CEA-R-6222,Be
	2009IW01	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. JOUR NIMAE 602 450
	2009KH01	NUCLEAR REACTIONS Sn(p, X)^{117}Sb / ^{118}Sb / ^{120}Sb / ^{122}Sb / ^{124}Sb / ^{113}Sn / ^{117}Sn / ^{110}In / ^{111}In; E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 267 23
^{124}Te	2008HI17	NUCLEAR REACTIONS ^{122,124,126,128,130}Te(n, n'γ), E=1.7-3.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler Shift Attenuation Method; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2), mixed-symmetry states. Comparison with Interacting Boson Model calculations. JOUR PRVCA 78 054320
	2009BEZZ	RADIOACTIVITY ^{124}Sb(β^-); measured Eβ, Iβ, Eγ, Iγ, E(K X-ray), I(K X-ray), $\beta\gamma$-coin, $T_{1/2}$. Comparison of multiple measurements by different laboratories. REPT CEA-R-6222,Be
	2009HW02	RADIOACTIVITY ^{124}Sn($2\beta^-$); measured summed electron energy spectrum; deduced $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR APHYE 31 412
	2009IW01	RADIOACTIVITY ^{124}Sb(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. JOUR NIMAE 602 450
^{124}I	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
^{124}Cs	2009YA10	NUCLEAR REACTIONS ^{116}Sn(^{11}B, 3n), E=45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced level scheme, energies, E1 transition for alternate parity bands, octupole correlations. JOUR CPLEE 26 082101

A=125

^{125}Pd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=125 ***(continued)***

^{125}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{125}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{125}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=125 ***(continued)***

^{125}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{125}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306

A=125 ***(continued)***

^{125}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{125}Xe	2009FO05	NUCLEAR REACTIONS ^{9}Be(^{238}U, X)^{60m}Mn / ^{78m}Ga / ^{82m}Ga / ^{92m}Br / ^{95m}Rb / ^{98m}Rb / ^{92m}Y / ^{101m}Y / ^{112m}Tc, E=80 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-lives. ^{60}Mn, ^{78,82}Ga, ^{92}Br, ^{95,98}Rb, ^{92,101}Y, ^{112}Tc; deduced levels, J, π. ^{66m}Cu, ^{78m}Zn, ^{88m}Br, ^{95m}Kr, ^{96m}Rb, ^{97m,100m}Sr, ^{99m}Mo, ^{121m}Pd, ^{124m}Sn, ^{125m}Xe; measured Eγ and half-lives. ^{91,92,93}Y; measured Eγ. JOUR PRVCA 79 064318
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{125}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317

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^{126}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{126}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009JU02	NUCLEAR REACTIONS ^{136}Xe(Be, X), ^{238}U(Be, X), E=650, 750 MeV / nucleon;^{126,128,130}Cd; measured Eγ, Iγ; deduced Jπ. Beyond mean field calculations, Gogny force. JOUR APOBB 40 427
^{126}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=126 ***(continued)***

^{126}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009BI07	RADIOACTIVITY ^{126}Sn(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ; deduced $T_{1/2}$. JOUR RAACA 97 687
^{126}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009BI07	RADIOACTIVITY ^{126}Sn(β^-) [from ^{235}U(n, F)]; measured Eγ, Iγ; deduced $T_{1/2}$. JOUR RAACA 97 687
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891

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^{126}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008HI17	NUCLEAR REACTIONS ^{122,124,126,128,130}Te(n, n'γ), E=1.7-3.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler Shift Attenuation Method; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2), mixed-symmetry states. Comparison with Interacting Boson Model calculations. JOUR PRVCA 78 054320

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^{127}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=127 ***(continued)***

^{127}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437
^{127}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437
^{127}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=127 ***(continued)***

^{127}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{127}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009BAZV	RADIOACTIVITY ^{127}Te(β^-)[from ^{126}Te+n]; measured Eγ, Iγ; deduced half-life. CONF Brazil (Nuclear Physics 2008) Proc. P187,Batista

A=127 ***(continued)***

^{127}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009BAZV	RADIOACTIVITY ^{127}Te(β^-)[from ^{126}Te+n]; measured Eγ, Iγ; deduced half-life. CONF Brazil (Nuclear Physics 2008) Proc. P187,Batista
^{127}Xe	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{127}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{127}Pm	2008STZX	NUCLEAR REACTIONS ^{58}Ni(^{76}Kr, X), E=4.34 MeV / nucleon;^{130}Nd, ^{131}Pm, ^{129}Pm, ^{127}Pm, ^{128}Nd; measured Eγ, Iγ, $\gamma\gamma$-coin. CONF Cappadocia (Nuclear Physics and Astrophysics),P166,Stezowski

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^{128}Ag	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{128}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009CA02	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{128}Cd, E=750 MeV / nucleon; ^{9}Be(^{238}U, X)^{128}Cd, E=650 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin, half-lives, internal conversion coefficients. ^{128}Cd; deduced levels, J, π. Comparison with large-scale shell model calculations. JOUR PRVCA 79 011301
	2009JU02	NUCLEAR REACTIONS ^{136}Xe(Be, X), ^{238}U(Be, X), E=650, 750 MeV / nucleon;^{126,128,130}Cd; measured Eγ, Iγ; deduced Jπ. Beyond mean field calculations, Gogny force. JOUR APOBB 40 427

A=128 ***(continued)***

^{128}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{128}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{128}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=128 ***(continued)***

^{128}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008HI17	NUCLEAR REACTIONS ^{122,124,126,128,130}Te(n, n'γ), E=1.7-3.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler Shift Attenuation Method; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2), mixed-symmetry states. Comparison with Interacting Boson Model calculations. JOUR PRVCA 78 054320
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), (2β^+); ^{114,116}Cd, ^{128}Te, ^{130}Te(2β^-); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009SC19	RADIOACTIVITY ^{120}Te(2β^+); ^{128,130}Te(2β^-); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
^{128}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=128 ***(continued)***

^{128}Xe	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009SC19	RADIOACTIVITY ^{120}Te($2\beta^+$); ^{128,130}Te($2\beta^-$); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
^{128}Ba	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
	2009PA25	NUCLEAR REACTIONS ^{130}Ba(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{128}Ba; deduced levels, J, π. Comparison of excitation energies and γ-ray transition probabilities with IBA model calculations. JOUR PRVCA 79 064323
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{128}La	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{128}Ce	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{128}Pr	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{128}Nd	2008STZX	NUCLEAR REACTIONS ^{58}Ni(^{76}Kr, X), E=4.34 MeV / nucleon;^{130}Nd, ^{131}Pm, ^{129}Pm, ^{127}Pm, ^{128}Nd; measured Eγ, Iγ, $\gamma\gamma$-coin. CONF Cappadocia (Nuclear Physics and Astrophysics),P166,Stezowski

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^{129}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437
^{129}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437

A=129 ***(continued)***

^{129}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{129}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009NA10	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=2.5 GeV; ^{47}Sc;^{48}V;^{59}Fe;^{72}Zn;^{75}Se;^{77}Br;^{83}Rb;^{85}Kr;^{87}Y;^{88}Kr;^{88}Zr;^{89}Zr;^{91}Sr;^{92}Sr; ^{95}Zr;^{97}Zr;^{99}Mo;^{99}Rh;^{103}Ru;^{105}Ru;^{105}Rh;^{105}Ag;^{111}Ag;^{111}In;^{112}Ag;^{115}Cd;^{117}Cd;^{121}Te;^{129}Sb;^{6} Measured Eγ, Iγ, fission yields. JOUR NIMBE 267 1891
	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306

A=129 ***(continued)***

^{129}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008PAZU	NUCLEAR REACTIONS ^{120,130}Te(γ, n), E = 12-35 MeV; measured Eγ, Iγ. ^{119,129}Te; deduced isomeric yield ratios. Betatron, activation method, Ge(Li) detector. CONF Moscow,P154,Palvanov
	2009MAZY	NUCLEAR REACTIONS ^{120,122,130}Te(γ, n), E(end point)=17.5 MeV; measured Eγ, Iγ. ^{119,121,129}Te; deduced isomeric yield ratios. CONF Cheboksary,P130,Mazur
^{129}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=129 ***(continued)***

^{129}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009RE03	ATOMIC MASSES ^{84,86}Kr, ^{129,132}Xe; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012506
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{129}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
	2009ZH20	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=55-60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced band structure. Comparison with cranked shell-model calculations. JOUR CPLEE 26 092301
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{129}Ba	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742

A=129 *(continued)*

	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{129}Pm	2008STZX	NUCLEAR REACTIONS ^{58}Ni(^{76}Kr, X), E=4.34 MeV / nucleon;^{130}Nd, ^{131}Pm, ^{129}Pm, ^{127}Pm, ^{128}Nd; measured Eγ, Iγ, $\gamma\gamma$-coin. CONF Cappadocia (Nuclear Physics and Astrophysics),P166,Stezowski

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^{130}Cd	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009JU02	NUCLEAR REACTIONS ^{136}Xe(Be, X), ^{238}U(Be, X), E=650, 750 MeV / nucleon;^{126,128,130}Cd; measured Eγ, Iγ; deduced Jπ. Beyond mean field calculations, Gogny force. JOUR APOBB 40 427
^{130}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{130}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{130}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{130}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

	2008HI17	NUCLEAR REACTIONS ^{122,124,126,128,130}Te(n, n'γ), E=1.7-3.4 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using Doppler Shift Attenuation Method; deduced levels, J, π, multipolarities, mixing ratios, B(M1), B(E2), mixed-symmetry states. Comparison with Interacting Boson Model calculations. JOUR PRVCA 78 054320
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2008TH07	RADIOACTIVITY ^{130}Te($2\beta^-$); measured concentrations of decay daughters in geological samples; deduced half-life. JOUR PRVCA 78 054606
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009RE07	ATOMIC MASSES ^{130}Te, ^{130}Xe; Measured atomic masses using precision cryogenic Penning-trap spectrometer; Deduced Q-value for 2β-decay. Compared with energy calibration of CUORICINO and CUORE experiments. JOUR PRLTA 102 212502
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009SC19	RADIOACTIVITY ^{120}Te($2\beta^+$); ^{128,130}Te($2\beta^-$); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
^{130}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

^{130}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2008TH07	RADIOACTIVITY ^{130}Te($2\beta^-$); measured concentrations of decay daughters in geological samples; deduced half-life. JOUR PRVCA 78 054606
	2009BE11	RADIOACTIVITY ^{130}Cs(EC), (β^+)[from ^{126}Te(^{7}Li, 3n), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, mixing ratios. ^{130}Xe; deduced levels, J, π, multipolarity. Comparison with shell-model and interacting-boson model-2 calculations. JOUR PRVCA 79 034315
	2009DA16	RADIOACTIVITY ^{64}Zn, ^{106}Cd, ^{120}Te(2EC), ($2\beta^+$); ^{114,116}Cd, ^{128}Te, ^{130}Te($2\beta^-$); measured Eγ, Iγ; deduced half-life limits for neutrinoless double-beta decay. Comparison with previous experimental data. JOUR PRVCA 80 025502
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
	2009RE07	ATOMIC MASSES ^{130}Te, ^{130}Xe; Measured atomic masses using precision cryogenic Penning-trap spectrometer; Deduced Q-value for 2β-decay. Compared with energy calibration of CUORICINO and CUORE experiments. JOUR PRLTA 102 212502
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501

A=130 *(continued)*

	2009SC19	RADIOACTIVITY ^{120}Te($2\beta^+$); ^{128,130}Te($2\beta^-$); measured parent-daughter mass differences by Penning-trap spectrometer; deduced Q values. JOUR PRVCA 80 025501
^{130}Cs	2009BE11	RADIOACTIVITY ^{130}Cs(EC), (β^+)[from ^{126}Te(^{7}Li, 3n), E=30 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, mixing ratios. ^{130}Xe; deduced levels, J, π, multipolarity. Comparison with shell-model and interacting-boson model-2 calculations. JOUR PRVCA 79 034315
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{130}Ba	2008SUZU	NUCLEAR REACTIONS ^{132}Ba(p, t), E=25 MeV; measured Et, It; deduced J, π, $\sigma(\theta$, J, $\pi)$. REPT MLL 2007 Annual,P13,Suliman
	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{130}Ce	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{130}Pr	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{130}Nd	2008STZX	NUCLEAR REACTIONS ^{58}Ni(^{76}Kr, X), E=4.34 MeV / nucleon;^{130}Nd, ^{131}Pm, ^{129}Pm, ^{127}Pm, ^{128}Nd; measured Eγ, Iγ, $\gamma\gamma$-coin. CONF Cappadocia (Nuclear Physics and Astrophysics),P166,Stezowski
^{130}Pm	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1

A=131

^{131}Cd	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437

A=131 ***(continued)***

^{131}In	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AR04	RADIOACTIVITY ^{127,129,131}Cd(β^-); measured Iγ, Eγ; deduced Jπ, level scheme. Comparison with calculations. JOUR APOBB 40 437
^{131}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{131}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=131 ***(continued)***

	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{131}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
^{131}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=131 ***(continued)***

	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
	2009WA11	NUCLEAR REACTIONS ^{176}Yb, ^{176}Lu, ^{186}W, ^{192}Os(^{136}Xe, X)^{131}I / ^{133}I, E=820-840 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and isomer half-lives. ^{131,133}I; deduced levels, J, π, mixing ratios, conversion coefficients, and multipolarities. Z=50-53, N=78-80; systematics of B(E2) rates for isomer decays. Comparison with shell-model calculations. JOUR PRVCA 79 064311
^{131}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
^{131}Cs	2009SI08	NUCLEAR REACTIONS ^{122}Sn(^{11}B, 4n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{129}Cs; deduced levels, J, π, bands, configurations. Comparison with tilted-axis cranking model calculations. ^{117,121,123,125,127,129,131}Cs; level systematics. JOUR PRVCA 79 044317
	2009TA19	NUCLEAR REACTIONS ^{131}Xe(p, n), E < 35 MeV; measured activation x-rays; deduced excitation functions for production of ^{131}Cs. Comparison with ALICE-IPPE and EMPIRE-II codes. JOUR ARISE 67 1751
	2010TA01	RADIOACTIVITY ^{131}Ba(EC) [from ^{133}Cs(p, 3n)]; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{131}Ba	2008SUZT	NUCLEAR REACTIONS ^{132}Ba(d, p), ^{132}Ba(d, t), E=24 MeV; measured Ep, Ip, Et, It; deduced $\sigma(\theta, J, \pi)$. REPT MLL 2007 Annual,P14,Suliman

A=131 ***(continued)***

	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
	2010TA01	RADIOACTIVITY ^{131}Ba(EC) [from ^{133}Cs(p, 3n)]; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{131}Pm	2008STZX	NUCLEAR REACTIONS ^{58}Ni(^{76}Kr, X), E=4.34 MeV / nucleon;^{130}Nd, ^{131}Pm, ^{129}Pm, ^{127}Pm, ^{128}Nd; measured Eγ, Iγ, $\gamma\gamma$-coin. CONF Cappadocia (Nuclear Physics and Astrophysics),P166,Stezowski

A=132

^{132}Sn	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{132}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008VIZY	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, f), E=8.5 MeV; measured Eγ, Iγ; ^{84}Br, ^{132}Sb, ^{133}Te, ^{135}Xe; deduced isomer yield ratios. Microtron, activation method. CONF Moscow,P134,Vishnevsky

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

	2009VI03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, F)^{84}Br / ^{132}Sb / ^{133}Te / ^{135}Xe, E<8.5 MeV; measured Eγ, Iγ; deduced mean angular momenta of fission fragments, isomeric yield ratios. JOUR BRSPE 73 733
^{132}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
^{132}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
	2009TA23	NUCLEAR MOMENTS ^{132}I; measured magnetic moment of the first excited state using time-differential perturbed angular correlation technique. JOUR PRVCA 80 034304

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

^{132}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009RE03	ATOMIC MASSES ^{84,86}Kr, ^{129,132}Xe; measured atomic masses using a cryogenic penning trap. JOUR PLRAA 79 012506
	2009SC19	ATOMIC MASSES ^{128,129,130,131,132}Xe, ^{120,128,130}Te, ^{120}Sn; measured mass differences of ^{120}Te-^{120}Sn, ^{128}Te-^{128}Xe, ^{130}Te-^{130}Xe and ^{132}Xe-^{129}Xe pairs using Penning Trap mass spectrometer. JOUR PRVCA 80 025501
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
^{132}Cs	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

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

	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
	2010TA01	NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47
^{132}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009SU18	NUCLEAR REACTIONS ^{132}Ba(polarized d, p), E=24 MeV; measured $\sigma(\theta)$, Ay; comparison with continuum discretized coupled channel predictions. DWBA analysis. ^{132}Ba; deduced levels, J, π, branching ratios, spectroscopic factor, configurations, B(M1), B(E2); comparison with evaluated and other data and the interacting Boson-Fermion model. JOUR ZAANE 41 299
^{132}La	2007TIZY	NUCLEAR REACTIONS ^{100}Mo(^{36}S, p3N), E=160 MeV; ^{132}La; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level scheme. REPT ATOMKI 2007 Annual,P30,Timar

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^{133}Sb	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009UR01	NUCLEAR REACTIONS ^{235}U(n, X)^{133}Sb, E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, γ(t), half-lives. ^{133}Sb; deduced levels, J, π, configurations. JOUR PRVCA 79 037304

A=133 ***(continued)***

	2009WA02	NUCLEAR REACTIONS Yb, Lu, W, Os(^{136}Xe, X)^{121}Sb / ^{123}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, $\gamma\gamma$-coin, γ(t), half-lives; deduced isomers. ^{120}Sn(^{7}Li, 2nα), E=58 MeV; ^{122}Sn(^{7}Li, 2nα), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, coversion electron spectra, half-lives by decay curve analyses and centroid-shift methods, angular correlations, DCO, conversion coefficients. ^{121,123}Sb; deduced levels, J, π, multipolarity, mixing ratios, configurations. Comparisons with ^{120}Sn and ^{122}Sn and with multistate mixing calculations. ^{113,115,117,119,121,123,125,127,129,131,133}Sb; systematics. JOUR PRVCA 79 024306
^{133}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008VIZY	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, f), E=8.5 MeV; measured Eγ, Iγ; ^{84}Br, ^{132}Sb, ^{133}Te, ^{135}Xe; deduced isomer yield ratios. Microtron, activation method. CONF Moscow,P134,Vishnevsky
	2009VI03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, F)^{84}Br / ^{132}Sb / ^{133}Te / ^{135}Xe, E<8.5 MeV; measured Eγ, Iγ; deduced mean angular momenta of fission fragments, isomeric yield ratios. JOUR BRSPE 73 733
	2009VIZY	NUCLEAR REACTIONS ^{239}Pu, ^{241}Am(γ, f), E(end point)=10, 17 MeV; measured Eγ, Iγ. ^{84}Br, ^{133}Te, ^{135}Xe; deduced isomeric yield ratios. Activation method CONF Cheboksary,P138,Vishnevsky
^{133}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=133 ***(continued)***

	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
	2009WA11	NUCLEAR REACTIONS ^{176}Yb, ^{176}Lu, ^{186}W, ^{192}Os(^{136}Xe, X)^{131}I / ^{133}I, E=820-840 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, and isomer half-lives. ^{131,133}I; deduced levels, J, π, mixing ratios, conversion coefficients, and multipolarities. Z=50-53, N=78-80; systematics of B(E2) rates for isomer decays. Comparison with shell-model calculations. JOUR PRVCA 79 064311
^{133}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA23	RADIOACTIVITY ^{132}Te(β^-)[from U(p, X)^{132}Sb, E=50 MeV]; measured Eγ, Iγ, half-life. ^{131}Sb, ^{131}Te, ^{131,133}I, ^{131,132}I(β^-); measured Eγ. ^{132}I; deduced level, J, π and magnetic moment. JOUR PRVCA 80 034304
^{133}Cs	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009SU03	NUCLEAR REACTIONS ^{133}Cs(e, e'), E=120 MeV; measured cross section and angular distributions. JOUR PRLTA 102 102501
^{133}Ba	2008SUZT	NUCLEAR REACTIONS ^{132}Ba(d, p), ^{132}Ba(d, t), E=24 MeV; measured Ep, Ip, Et, It; deduced $\sigma(\theta, J, \pi)$. REPT MLL 2007 Annual,P14,Suliman

A=133 ***(continued)***

2009SU18 NUCLEAR REACTIONS ^{132}Ba(polarized d, p), E=24 MeV; measured $\sigma(\theta)$, Ay; comparison with continuum discretized coupled channel predictions. DWBA analysis. ^{132}Ba; deduced levels, J, π, branching ratios, spectroscopic factor, configurations, B(M1), B(E2); comparison with evaluated and other data and the interacting Boson-Fermion model. JOUR ZAANE 41 299

2009TA03 NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742

2010TA01 NUCLEAR REACTIONS ^{133}Cs(p, x)^{128}Ba / ^{129}Ba / ^{133}Ba / ^{127}Cs / ^{129}Cs / ^{132}Cs / ^{125}Xe / ^{127}Xe / ^{129}Xe, Ti(p, x)^{48}V, Al(p, x)^{24}Na, E < 70 MeV; measured Eγ, Iγ; deduced σ. Comparison with ALICE-IPPE, EMPIRE-II and TALYS computer codes. JOUR ARISE 68 47

A=134

^{134}Sb 2008BE33 NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

^{134}Te 2008BE33 NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605

A=134 *(continued)*

^{134}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009LI25	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{134}I; deduced levels, J, π, yrast states. ^{111,112,113}Rh; measured Eγ, $\gamma\gamma$-coin. Discussed systematics of yrast levels in Iodine nuclides. JOUR PRVCA 79 067303
	2009MA23	NUCLEAR REACTIONS ^{96}Zr(^{124}Sn, X), ^{136}Xe(^{208}Pb, X), E=500, 930 MeV;^{136}Cs, ^{134}I; measured Eγ, Iγ, $\gamma\gamma$-coin. JOUR APOBB 40 489
^{134}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009AH01	NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using DSA technique and the Gammasphere array. ^{134}Xe; deduced levels, J, π, δ, B(E2), B(M1), related properties. Systematics of N=80, 82 isotones discussed. JOUR PYLBB 679 19
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316

A=134 ***(continued)***

^{134}Cs	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{134}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{134}Pm	2009CU02	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n3p2α), E=305, 315 MeV; measured Eγ, Iγ, (recoil)γ-, $\gamma\gamma$-coin, half-life, prompt and delayed γ rays. ^{134}Pm; deduced levels, J, π, isomer, configurations. Recoil-isomer tagging method. E1 transition strength systematics of even-A (A=126-148) Te, Pm, Eu, Tb, Ho and Dy nuclei. JOUR PRVCA 80 024303

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^{135}Te	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{135}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{135}Xe	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008VIZY	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, f), E=8.5 MeV; measured Eγ, Iγ; ^{84}Br, ^{132}Sb, ^{133}Te, ^{135}Xe; deduced isomer yield ratios. Microtron, activation method. CONF Moscow,P134,Vishnevsky

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	2009VI03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(γ, F)^{84}Br / ^{132}Sb / ^{133}Te / ^{135}Xe, E<8.5 MeV; measured Eγ, Iγ; deduced mean angular momenta of fission fragments, isomeric yield ratios. JOUR BRSPE 73 733
	2009VIZY	NUCLEAR REACTIONS ^{239}Pu, ^{241}Am(γ, f), E(end point)=10, 17 MeV; measured Eγ, Iγ. ^{84}Br, ^{133}Te, ^{135}Xe; deduced isomeric yield ratios. Activation method CONF Cheboksary,P138,Vishnevsky
^{135}Cs	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{135}Ba	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{135}La	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
^{135}Ce	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727

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^{136}I	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
^{136}Xe	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316
	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323

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^{136}Cs	2008BE33	NUCLEAR REACTIONS ^{9}Be(^{136}Xe, X)^{132}Cs / ^{133}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{133}Xe / ^{134}Xe / ^{135}Xe / ^{127}I / ^{128}I / ^{129}I / ^{130}I / ^{131}I / ^{132}I / ^{133}I / ^{134}I / ^{135}I / ^{136}I / ^{125}Te / ^{126}Te / ^{127}Te / ^{128}Te / ^{129}Te / ^{130}Te / ^{131}Te / ^{132}Te / ^{133}Te / ^{134}Te / ^{135}Te / ^{123}Sb / ^{124}Sb / ^{125}Sb / ^{126}Sb / ^{127}Sb / ^{128}Sb / ^{129}Sb / ^{130}Sb / ^{131}Sb / ^{132}Sb / ^{133}Sb / ^{134}Sb / ^{120}Sn / ^{121}Sn / ^{122}Sn / ^{123}Sn / ^{124}Sn / ^{125}Sn / ^{126}Sn / ^{127}Sn / ^{128}Sn / ^{129}Sn / ^{130}Sn / ^{131}Sn / ^{132}Sn / ^{118}In / ^{119}In / ^{120}In / ^{121}In / ^{122}In / ^{123}In / ^{124}In / ^{125}In / ^{126}In / ^{127}In / ^{128}In / ^{129}In / ^{130}In / ^{131}In / ^{115}Cd / ^{116}Cd / ^{117}Cd / ^{118}Cd / ^{119}Cd / ^{120}Cd / ^{121}Cd / ^{122}Cd / ^{123}Cd / ^{124}Cd / ^{125}Cd / ^{126}Cd / ^{127}Cd / ^{128}Cd / ^{129}Cd / ^{130}Cd / ^{122}Ag / ^{123}Ag / ^{124}Ag / ^{125}Ag / ^{126}Ag / ^{127}Ag / ^{128}Ag / ^{119}Pd / ^{120}Pd / ^{121}Pd / ^{122}Pd / ^{123}Pd / ^{124}Pd / ^{125}Pd / ^{117}Rh / ^{118}Rh / ^{119}Rh / ^{120}Rh / ^{121}Rh / ^{122}Rh / ^{118}Ru / ^{119}Ru / ^{115}Tc / ^{116}Tc / ^{117}Tc / ^{113}Mo / ^{110}Nb / ^{111}Nb / ^{108}Zr, E=1 GeV / nucleon; measured σ. JOUR PRVCA 78 054605
	2008WIZY	RADIOACTIVITY ^{136}Cs(IT); measured Iγ, Eγ, I(ce), E(ce) from isomeric 518 keV state; deduced $T_{1/2}$, B(E3), conversion coefficients. REPT MLL 2007 Annual,P15,Wimmer
	2009MA23	NUCLEAR REACTIONS ^{96}Zr(^{124}Sn, X), ^{136}Xe(^{208}Pb, X), E=500, 930 MeV;^{136}Cs, ^{134}I; measured Eγ, Iγ, $\gamma\gamma$-coin. JOUR APOBB 40 489
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{136}Ba	2009BE20	RADIOACTIVITY ^{136,138}Ce($2\beta^+$), (2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. $CeCl_3$ scintillator. JOUR NUPAB 824 101
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{136}Ce	2009BE20	RADIOACTIVITY ^{136,138}Ce($2\beta^+$), (2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. $CeCl_3$ scintillator. JOUR NUPAB 824 101

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^{137}I	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314

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^{137}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{137}Cs	2008AL40	RADIOACTIVITY ^{137}Cs(β^-); measured internal bremsstrahlung spectra. JOUR BRSPE 72 1563
	2008AL41	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ, X-ray Spectra. Deduced internal Compton effect spectrum. JOUR BRSPE 72 1573
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
^{137}Ba	2008AL40	RADIOACTIVITY ^{137}Cs(β^-); measured internal bremsstrahlung spectra. JOUR BRSPE 72 1563
	2008AL41	RADIOACTIVITY ^{137}Cs(β^-); measured Eγ, Iγ, X-ray Spectra. Deduced internal Compton effect spectrum. JOUR BRSPE 72 1573
	2008XXZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, n), E=11-16 MeV; measured Eγ, Iγ using HIγS; deduced transitions and isomers. REPT TUNL-XLII,P108,Tonchev
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{137}Ce	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126

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^{138}Xe	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{138}Cs	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{138}Ba	2007TOZX	NUCLEAR REACTIONS ^{138}Ba(γ, γ), E = 5.5-8.5 MeV; measured Eγ, Iγ; deduced E1 and M1 excitations. Comparison with theoretical predictions. REPT TUNL-XLVI,P102.Tonchev
	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009BE20	RADIOACTIVITY ^{136,138}Ce($2\beta^+$), (2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. $CeCl_3$ scintillator. JOUR NUPAB 824 101
	2009EN03	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce(α, α'γ), E=136 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin, σ, angular correlations. ^{138}Ba, ^{140}Ce; deduced levels, J, π and E1 strength distributions for pygmy dipole resonances. JOUR PRVCA 80 034302
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{138}Ce	2009BE20	RADIOACTIVITY ^{136,138}Ce($2\beta^+$), (2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits. $CeCl_3$ scintillator. JOUR NUPAB 824 101
	2009BH04	NUCLEAR REACTIONS ^{130}Te(^{12}C, 4n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{138}Ce; deduced levels, J, π, band configurations. Comparison with shell model and Total Routhian Surface calculations. JOUR NUPAB 825 16

A=139

^{139}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{139}Cs	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009LI42	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{139}Ba	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009TA03	NUCLEAR REACTIONS Xe(α, X)^{129}Ba / ^{131}Ba / ^{133}Ba / ^{135}Ba / ^{137}Ba / ^{139}Ba / ^{129}Cs / ^{130}Cs / ^{132}Cs / ^{134}Cs / ^{135}Cs / ^{136}Cs / ^{139}Cs, E < 45 MeV; measured Eγ, Iγ, excitation functions using the activation technique. Compared results to model calculations. JOUR NIMBE 267 742
^{139}La	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009GAZY	RADIOACTIVITY ^{139}Ce(EC); measured Iγ, I(X-ray), E(X-rays), γ-X-rays-coin., X-rays-e-coin; deduced K-capture probability. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P59,Ganbaatar
	2009MAZT	NUCLEAR REACTIONS ^{139}La(γ, γ'), E≈5.5-13 MeV; measured Eγ, Iγ, $\theta(\gamma)$; deduced σ. CONF Tokai (Perspective in Nuc Phys), Proc.P289,Makinaga
^{139}Ce	2008XXZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, n), E=11-16 MeV; measured Eγ, Iγ using HIγS; deduced transitions and isomers. REPT TUNL-XLII,P108,Tonchev
	2009CH26	NUCLEAR REACTIONS ^{130}Te(^{12}C, 3n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma(\theta)$, γ(lin pol). ^{139}Ce; deduced levels, J, π, configurations, multipolarities, bands. ^{139,140}Ce; level systematics. Comparison with large-basis shell-model and cranked Nilsson-Strutinsky (CNS) calculations. JOUR PRVCA 79 054332

A=139 *(continued)*

	2009GAZY	RADIOACTIVITY ^{139}Ce(EC); measured Iγ, I(X-ray), E(X-rays), γ-X-rays-coin., X-rays-e-coin; deduced K-capture probability. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P59,Ganbaatar
	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
^{139}Nd	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
^{139}Pm	2009DH01	NUCLEAR REACTIONS ^{116}Cd(^{27}Al, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, DCO. ^{139}Pm; deduced levels, J, π, bands, magnetic rotational bands, B(M1) and B(E2). Comparison with tilted axis cranking calculations. JOUR PRVCA 80 014320
^{139}Sm	2008PA36	NUCLEAR REACTIONS ^{99}Ru(^{48}Ti, 2n2pα), E=240 MeV; ^{114}Sn(^{32}S, n2pα), E=160MeV; measured Eγ, Iγ, $\gamma\gamma$-, (proton)γ-coin, DSA using Euroball III and IV arrays. ^{139}Sm deduced J, π, B(M1), B(E2), $T_{1/2}$. Comparison with self-consistent TAC (Tilted Axis Cranking) and semi-classical SPAC (Shears mechanism with Principal Axis Cranking) models. JOUR ZAANE 37 279

A=140

^{140}Xe	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316
	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323

A=140 *(continued)*

^{140}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{140}Ce	2009CH26	NUCLEAR REACTIONS ^{130}Te(^{12}C, 3n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma(\theta)$, γ(lin pol). ^{139}Ce; deduced levels, J, π, configurations, multipolarities, bands. ^{139,140}Ce; level systematics. Comparison with large-basis shell-model and cranked Nilsson-Strutinsky (CNS) calculations. JOUR PRVCA 79 054332
	2009EN03	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce(α, $\alpha'\gamma$), E=136 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin, σ, angular correlations. ^{138}Ba, ^{140}Ce; deduced levels, J, π and E1 strength distributions for pygmy dipole resonances. JOUR PRVCA 80 034302
	2009GL02	NUCLEAR REACTIONS ^{143}Nd(n, α)^{140}Ce, E=4.0, 5.0, 6.0 MeV; ^{147}Sm(n, α)^{144}Nd, E=5.0, 6.0 MeV; measured α spectra, σ, forward and backward α rates. ^{143}Nd, ^{147}Sm(n, α), E=0.5 keV-20 MeV; compared present and previous measured cross sections with several evaluations, and calculations from TALYS code. JOUR PRVCA 80 044602
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{140}Nd	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502
^{140}Pm	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502
^{140}Eu	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{140}Tb	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1

A=141

^{141}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{141}Nd	2007ANZX	NUCLEAR REACTIONS ^{142,150}Nd(γ, n), E = 7.4-13.3 MeV; measured In; deduced σ. REPT TUNL-XLVI,P42,Angell
	2008XXZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, n), E=11-16 MeV; measured Eγ, Iγ using HIγS; deduced transitions and isomers. REPT TUNL-XLII,P108,Tonchev
	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009PAZZ	NUCLEAR REACTIONS ^{110}Pd, ^{142}Nd, ^{144}Sm(γ, n), E=27, 28, 29, 30 MeV; measured Eγ, Iγ. ^{109}Pd; deduced isomeric yield ratios depending on Eγ. Activation technique. CONF Cheboksary,P146,Palvanov

A=142

^{142}Xe	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316
	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323

A=142 ***(continued)***

^{142}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{142}La	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{142}Ce	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009WI09	RADIOACTIVITY ^{142}Pr(EC), (β^+) [from ^{9}Be(^{152}Sm, X), E=607.4 MeV / nucleon]; measured Schottky frequency spectra of ions in a storage ring; deduced $T_{1/2}$. JOUR PYLBB 679 36
^{142}Pr	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009WI09	RADIOACTIVITY ^{142}Pr(EC), (β^+) [from ^{9}Be(^{152}Sm, X), E=607.4 MeV / nucleon]; measured Schottky frequency spectra of ions in a storage ring; deduced $T_{1/2}$. JOUR PYLBB 679 36
^{142}Nd	2008ANZY	NUCLEAR REACTIONS ^{142}Nd(γ, γ'), E=3.4-9.7 MeV;^{150}Nd(γ, γ'), E=5.6-7.2 MeV; measured Iγ, Eγ using nuclear resonance fluorescence; deduced σ, γ dipole strength function. REPT TUNL-XLII,P110,Angell
	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502

A=142 *(continued)*

	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
^{142}Pm	2009IV02	RADIOACTIVITY ^{140,142}Pm, ^{122}I(EC), (β^+); measured number of daughter ions, time modulation; deduced interference of two massive neutrino eigenstates. JOUR PRLTA 103 062502
^{142}Tb	2009MA06	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, n3p), E=245, 252, 256 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, half-lives. ^{142}Tb; deduced J, π, multipolarity, isomers, bands, configurations. Prompt and delayed γ-ray spectroscopy using recoil isomer-tagging technique. Comparison with predictions of cranked shell-model calculations. JOUR PRVCA 79 024318

A=143

^{143}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{143}Ba	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{143}La	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
	2009LU04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin and fission yield ratios of ^{103,104,105}Nb, ^{143,144}La using Gammasphere. ^{143,144}La deduced levels, J, π, band configurations, branching ratios, B(E1) / B(E2) ratios. Cranked-shell model calculations. JOUR NUPAB 818 121
^{143}Ce	2008SHZT	RADIOACTIVITY ^{88,89}Rb, ^{92,93,94,95}Y, ^{138,139}Cs, ^{139}Ba, ^{142,143}La(β^-)[from ^{238}U+p]; measured Eβ, Iβ, Eγ, $\beta\gamma$-coin.; deduced β decay energies. REPT JAEA-Review 2008-054,P42,Shibata
^{143}Nd	2009KO15	RADIOACTIVITY ^{147}Sm(α); measured Eα, Iα, half-life. Direct counting method. JOUR ARISE 67 1702

A=143 *(continued)*

^{143}Sm	2008PAZT	NUCLEAR REACTIONS ^{144}Sm(γ, n), E = 10-35 MeV; measured Eγ, Iγ; ^{143}Sm; deduced isomeric yield ratios. Betatron, activation method, Ge(Li) detector. CONF Moscow,P155,Palvanov
	2008XXZZ	NUCLEAR REACTIONS ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, n), E=11-16 MeV; measured Eγ, Iγ using HIγS; deduced transitions and isomers. REPT TUNL-XLII,P108,Tonchev
	2009PAZZ	NUCLEAR REACTIONS ^{110}Pd, ^{142}Nd, ^{144}Sm(γ, n), E=27, 28, 29, 30 MeV; measured Eγ, Iγ. ^{109}Pd; deduced isomeric yield ratios depending on Eγ. Activation technique. CONF Cheboksary,P146,Palvanov

A=144

^{144}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{144}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301
^{144}La	2009LU04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin and fission yield ratios of ^{103,104,105}Nb, ^{143,144}La using Gammasphere. ^{143,144}La deduced levels, J, π, band configurations, branching ratios, B(E1) / B(E2) ratios. Cranked-shell model calculations. JOUR NUPAB 818 121
^{144}Nd	2009GL02	NUCLEAR REACTIONS ^{143}Nd(n, α)^{140}Ce, E=4.0, 5.0, 6.0 MeV; ^{147}Sm(n, α)^{144}Nd, E=5.0, 6.0 MeV; measured α spectra, σ, forward and backward α rates. ^{143}Nd, ^{147}Sm(n, α), E=0.5 keV-20 MeV; compared present and previous measured cross sections with several evaluations, and calculations from TALYS code. JOUR PRVCA 80 044602

A=144 *(continued)*

^{144}Sm	2009CAZY	NUCLEAR REACTIONS ^{144}Sm(^{6}Li, ^{6}Li'), E=14-35 MeV;^{144}Sm(^{7}Li, ^{7}Li'), E=12-32 MeV; measured E(particle), I(particle), θ(particle), Z(particle); deduced σ, dσ, barrier distributions; calculated barrier distributions using simplified CC. CONF Brazil (Nuclear Physics 2008) Proc. P111,Capurro
	2009MO03	NUCLEAR REACTIONS ^{144}Sm(^{6}Li, ^{6}Li), E=14-35 MeV; measured excitation functions. Comparison with coupled-channel calculations. JOUR PRVCA 79 014601
^{144}Dy	2009SU09	NUCLEAR REACTIONS ^{92}Mo(^{56}Fe, 2n2p), E=280 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$. ^{144}Dy; deduced levels, J, π, multipolarity, B(M1), B(E2), configurations, magnetic and antimagnetic rotational bands. A=136-146, even-A Ce, Nd, Sm, Gd, Tb, Dy; level systematics. ^{110}Cd, ^{144}Dy; discussed comparison of magnetic and antimagnetic rotors. JOUR PRVCA 79 064321

A=145

^{145}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323

A=146

^{146}Xe	2009NE11	ATOMIC MASSES ^{136,137,138,139,140,141,142,143,144,145,146}Xe; measured masses using the ISOLTRAP double Penning-trap mass spectrometer at ISOLDE-CERN facility. Comparison with earlier measurements and AME-2003 evaluation. Z=50-78, N=78-112; systematics of S(2n) values. N=74-92, Z=52-58, even Z; N=119-141, odd N, Z=84-90, odd Z; Z=50-82, N=82-126; systematics of proton-neutron interaction strengths. JOUR PRVCA 80 044323
^{146}Ba	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316

A=146 *(continued)*

^{146}Ce	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316

A=147

^{147}Pm	2008VI09	RADIOACTIVITY ^{109}Ag, ^{123}Te, ^{147}Pm(IT); measured Eγ, Iγ, X-ray spectra, eγ-, eX-ray-coin. Deduced hypersatellite energy shift. JOUR BRSPE 72 1559
^{147}Sm	2009KO15	RADIOACTIVITY ^{147}Sm(α); measured Eα, Iα, half-life. Direct counting method. JOUR ARISE 67 1702
^{147}Tb	2009RA08	NUCLEAR REACTIONS ^{144}Sm(^{6}Li, 2n), (^{6}Li, 3n), E=20-40 MeV; measured Eγ, Iγ, cross sections. ^{159}Tb, ^{165}Ho(^{7}Li, X), ^{162}Dy(α, X), ^{160}Gd(^{12}C, X), E not given; discussed systematics of reactions. Comparison with coupled channel calculations. JOUR PRVCA 79 051601

A=148

^{148}La	2009LU11	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{100}Nb, ^{148}La; deduced ICCs, high-spin levels, J, π, rotational bands, multipolarities, shape coexistence and configurations. JOUR NUPAB 825 1
^{148}Ce	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316
^{148}Nd	2009BA21	RADIOACTIVITY ^{148,150}Nd($2\beta^-$); measured Eγ, Iγ. ^{148,150}Nd; measured half-lives, partial half-lives. JOUR PRVCA 79 045501

A=148 *(continued)*

	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{148}Pm	2009ZIZZ	NUCLEAR REACTIONS ^{150}Sm(μ^-, nν), E not given; measured Eγ, Iγ, μ capture rates. ^{150,149m,149,148m,148}Pm, ^{149}Nd; deduced yields. CONF Cheboksary,P81,Zinatulina
^{148}Sm	2009BA21	RADIOACTIVITY ^{148,150}Nd(2β^-); measured Eγ, Iγ. ^{148,150}Nd; measured half-lives, partial half-lives. JOUR PRVCA 79 045501
^{148}Tb	2007ESZX	NUCLEAR REACTIONS ^{96}Ru(^{58}Ni, 2p)^{152}Tm / ^{148}Tb / ^{152}Yb, E=4.53 MeV / nucleon;measured Eγ, Iγ, X-ray γ-coin. Total absorption spectroscopy. REPT ATOMKI 2007 Annual,P31,Estevez
	2009RA08	NUCLEAR REACTIONS ^{144}Sm(^{6}Li, 2n), (^{6}Li, 3n), E=20-40 MeV; measured Eγ, Iγ, cross sections. ^{159}Tb, ^{165}Ho(^{7}Li, X), ^{162}Dy(α, X), ^{160}Gd(^{12}C, X), E not given; discussed systematics of reactions. Comparison with coupled channel calculations. JOUR PRVCA 79 051601

A=149

^{149}Nd	2007ANZX	NUCLEAR REACTIONS ^{142,150}Nd(γ, n), E = 7.4-13.3 MeV; measured In; deduced σ. REPT TUNL-XLVI,P42,Angell
	2009ZIZZ	NUCLEAR REACTIONS ^{150}Sm(μ^-, nν), E not given; measured Eγ, Iγ, μ capture rates. ^{150,149m,149,148m,148}Pm, ^{149}Nd; deduced yields. CONF Cheboksary,P81,Zinatulina
^{149}Pm	2009ZIZZ	NUCLEAR REACTIONS ^{150}Sm(μ^-, nν), E not given; measured Eγ, Iγ, μ capture rates. ^{150,149m,149,148m,148}Pm, ^{149}Nd; deduced yields. CONF Cheboksary,P81,Zinatulina
^{149}Eu	2009VI01	NUCLEAR REACTIONS ^{150,150m,152m}Eu, ^{190m}Ir(γ, n), E=12, 12.5, 16 MeV; measured Eγ, Iγ, half-lives, isomeric yield ratios; deduced levels.Comparison with TALYS and MCEM calculations. JOUR PRVCA 79 014615

A=150

^{150}Nd	2007KIZW	RADIOACTIVITY ^{150}Nd(2β^-); measured Eγ, Iγ. REPT TUNL-XLVI,P22,Kidd
	2008ANZY	NUCLEAR REACTIONS ^{142}Nd(γ, γ'), E=3.4-9.7 MeV;^{150}Nd(γ, γ'), E=5.6-7.2 MeV; measured Iγ, Eγ using nuclear resonance fluorescence; deduced σ, γ dipole strength function. REPT TUNL-XLII,P110,Angell

A=150 ***(continued)***

	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009AR10	RADIOACTIVITY ^{150}Nd($2\beta^-$); measured E(e), Eγ, Iγ, angle between two electrons; deduced half-lives for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. NEMO-3 detector. JOUR PRVCA 80 032501
	2009BA21	RADIOACTIVITY ^{148,150}Nd($2\beta^-$); measured Eγ, Iγ. ^{148,150}Nd; measured half-lives, partial half-lives. JOUR PRVCA 79 045501
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov
^{150}Pm	2009ZIZZ	NUCLEAR REACTIONS ^{150}Sm(μ^-, nν), E not given; measured Eγ, Iγ, μ capture rates. ^{150,149m,149,148m,148}Pm, ^{149}Nd; deduced yields. CONF Cheboksary,P81,Zinatulina
^{150}Sm	2007KIZW	RADIOACTIVITY ^{150}Nd($2\beta^-$); measured Eγ, Iγ. REPT TUNL-XLVI,P22,Kidd
	2008KOZV	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured 0ν $2\beta^-$-decay $T_{1/2}$ lower limits, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Moscow,P203,Kochetov
	2009AR10	RADIOACTIVITY ^{150}Nd($2\beta^-$); measured E(e), Eγ, Iγ, angle between two electrons; deduced half-lives for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. NEMO-3 detector. JOUR PRVCA 80 032501
	2009BA21	RADIOACTIVITY ^{148,150}Nd($2\beta^-$); measured Eγ, Iγ. ^{148,150}Nd; measured half-lives, partial half-lives. JOUR PRVCA 79 045501
	2009KOZY	RADIOACTIVITY ^{48}Ca, ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{130}Te, ^{150}Nd($2\beta^-$); measured $0\nu 2\beta^-$-decay $T_{1/2}$ lower limit, 2ν $2\beta^-$-decay $T_{1/2}$. CONF Cheboksary,P84,Kochetov

A=151

^{151}Eu	2009VI01	NUCLEAR REACTIONS ^{150,150m,152m}Eu, ^{190m}Ir(γ, n), E=12, 12.5, 16 MeV; measured Eγ, Iγ, half-lives, isomeric yield ratios; deduced levels.Comparison with TALYS and MCEM calculations. JOUR PRVCA 79 014615

A=151 ***(continued)***

^{151}Tb	2009LE18	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ multiplicity, quasicontinuum γ-ray spectra; deduced Monte Carlo simulation of γ decay based on microscopically calculated levels, E2 decay probabilities, potential barriers between normal and superdeformed wells and collective mass parameters. ^{151}Tb, ^{196}Pb; deduced normal and superdeformed bands, and E1 strength functions. Comparison with cranked shell-model calculations. JOUR PRVCA 79 064306
^{151}Er	2009FU05	NUCLEAR REACTIONS ^{116}Sn(^{40}Ar, 5n), E=197 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Er deduced high-spin levels, J, π, multipolarities, configurations. Comparison with deformed independent particle model calculations. JOUR ZAANE 39 49

A=152

^{152}Sm	2009GA21	NUCLEAR REACTIONS ^{152}Sm(n, nγ), E=1.2-3.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced negative-parity band structures, J, π, B(E1), B(E2). Comparison with interacting boson model. JOUR PRLTA 103 062501
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
	2009LI23	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O), E=36-80 MeV; measured particle spectra, σ as a function of beam energy; deduced diffuseness parameters using single-channel and coupled-channels calculations. JOUR PRVCA 79 064603
^{152}Eu	2009AGZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), ^{151,153}Eu(n, γ), ^{155,157}Gd(n, γ), E=10 meV-100 keV; measured Eγ, Iγ, γ multiplicity using DANCE BaF_2 array, In, En using TOF method; deduced J, π of n-resonances using DICEBOX code. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P11,Agvaanluvsan
	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov

A=152 *(continued)*

	2009TR01	NUCLEAR REACTIONS ^{116}Cd, ^{138}Ce, ^{153}Eu(γ, n), E=10-25 MeV; ^{96}Mo, ^{118}Sn(γ, p), E=10-25 MeV; ^{89}Y(γ, 2n), E=10-25 MeV; ^{106}Cd, ^{112}Sn(γ, np), E=10-25 MeV; measured Eγ, Iγ, isomeric ratios. JOUR PPNLA 6 126
^{152}Gd	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
	2009PA17	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Er; deduced levels, J, π, angular distribution coefficients, bands, multipolarities, B(M1), B(M1) / B(E2), configurations, alignments as a function of rotational frequency. Nilsson-Strutinsky calculations. Potential energy surface calculations. ^{152}Gd, ^{154}Dy, ^{156}Er, ^{158}Yb, ^{160}Hf; level and configuration systematics. JOUR PRVCA 79 044324
^{152}Tm	2007ESZX	NUCLEAR REACTIONS ^{96}Ru(^{58}Ni, 2p)^{152}Tm / ^{148}Tb / ^{152}Yb, E=4.53 MeV / nucleon;measured Eγ, Iγ, X-ray γ-coin. Total absorption spectroscopy. REPT ATOMKI 2007 Annual,P31,Estevez
^{152}Yb	2007ESZX	NUCLEAR REACTIONS ^{96}Ru(^{58}Ni, 2p)^{152}Tm / ^{148}Tb / ^{152}Yb, E=4.53 MeV / nucleon;measured Eγ, Iγ, X-ray γ-coin. Total absorption spectroscopy. REPT ATOMKI 2007 Annual,P31,Estevez

A=153

^{153}Sm	2009FR09	RADIOACTIVITY ^{153}Sm(β^-) [from ^{152}Sm(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with ENSDF data. JOUR JRNCD 282 369
^{153}Eu	2009FR09	RADIOACTIVITY ^{153}Sm(β^-) [from ^{152}Sm(n, γ)]; measured Eγ, Iγ; deduced $T_{1/2}$. Comparison with ENSDF data. JOUR JRNCD 282 369
^{153}Gd	2009DAZV	NUCLEAR REACTIONS ^{152}Gd(n, γ), E = low; measured Eγ, Iγ, $\gamma\gamma$-coin., γ multiplicities; deduced photon strength functions. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P48,Dashdorj
	2009LU16	NUCLEAR REACTIONS ^{158}Dy(n, p), ^{156}Dy(n, α), ^{160}Dy(n, p), E = 14.7 MeV; measured Eγ, Iγ from neutron activation; deduced σ and their uncertainties. Comparison with nuclear model calculations. JOUR ARISE 67 1892
^{153}Dy	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{153}Er	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1

A=154

^{154}Nd	2009SI21	NUCLEAR REACTIONS ^{239}Pu(n, X)^{154}Nd, E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{154}Nd; deduced levels, J, π, isomer, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304
^{154}Sm	2008WIZX	NUCLEAR REACTIONS ^{154}Sm, ^{166}Er(γ, γ'), E not given; measured Iγ, Eγ, I(ce), E(ce) populated via Coulomb excitation; deduced monopole transition strength, B(E2), deformation. REPT MLL 2007 Annual,P16,Wimmer
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
	2009LI23	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O), E=36-80 MeV; measured particle spectra, σ as a function of beam energy; deduced diffuseness parameters using single-channel and coupled-channels calculations. JOUR PRVCA 79 064603
^{154}Eu	2009AGZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), ^{151,153}Eu(n, γ), ^{155,157}Gd(n, γ), E=10 meV-100 keV; measured Eγ, Iγ, γ multiplicity using DANCE BaF_2 array, In, En using TOF method; deduced J, π of n-resonances using DICEBOX code. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P11,Agvaanluvsan
	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
^{154}Gd	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GY01	RADIOACTIVITY ^{154}Tb(IT), (β^+), (EC) [from ^{151}Eu(α, n), E=13.5, 14.5, 15, 15.5, 17 MeV]; measured Eγ, Iγ using HPGe detector; deduced $T_{1/2}$ of 1st isomeric state. JOUR NUPAB 828 1

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

	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
^{154}Tb	2009GY01	RADIOACTIVITY ^{154}Tb(IT), (β^+), (EC) [from ^{151}Eu(α, n), E=13.5, 14.5, 15, 15.5, 17 MeV]; measured Eγ, Iγ using HPGe detector; deduced $T_{1/2}$ of 1st isomeric state. JOUR NUPAB 828 1
^{154}Dy	2009IJ01	NUCLEAR REACTIONS ^{122}Sn(^{36}S, 4n), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{154}Dy; deduced levels, J, π, superdeformed bands, dynamic moments of inertia, neutron single particle energies. Comparison with the cranked relativistic mean field calculations. JOUR PRVCA 80 034322
	2009PA17	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Er; deduced levels, J, π, angular distribution coefficients, bands, multipolarities, B(M1), B(M1) / B(E2), configurations, alignments as a function of rotational frequency. Nilsson-Strutinsky calculations. Potential energy surface calculations. ^{152}Gd, ^{154}Dy, ^{156}Er, ^{158}Yb, ^{160}Hf; level and configuration systematics. JOUR PRVCA 79 044324

A=155

^{155}Pm	2009HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304
^{155}Eu	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov
^{155}Gd	2009INZX	RADIOACTIVITY ^{152,154}Eu(β^-), (EC), ^{155}Eu(β^-); measured Auger spectrum. Sm, Gd; deduced Auger groups. Analyzed effect "Atomic Structure" on line energies. Electrostatic β-spectrometer, comparison with semiempirical data. CONF Cheboksary,P72,Inoyatov

A=156

^{156}Nd	2009SI21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{156}Nd, ^{156,158,160}Sm; deduced levels, J, π, isomers, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304
^{156}Pm	2009HW03	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304

A=156 ***(continued)***

^{156}Sm	2009SI21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{156}Nd, ^{156,158,160}Sm; deduced levels, J, π, isomers, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304
^{156}Gd	2009AGZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), ^{151,153}Eu(n, γ), ^{155,157}Gd(n, γ), E=10 meV-100 keV; measured Eγ, Iγ, γ multiplicity using DANCE BaF_2 array, In, En using TOF method; deduced J, π of n-resonances using DICEBOX code. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P11,Agvaanluvsan
	2009DO08	NUCLEAR REACTIONS ^{154}Sm(α, 2n), E=27 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced B(E2) / B(E1). JOUR APOBB 40 725
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{156}Dy	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
^{156}Ho	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
^{156}Er	2008SIZW	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, X)^{156}Er / ^{157}Er / ^{158}Er, E=215 MeV; ^{116}Cd(^{48}Ca, X)^{159}Er / ^{160}Er, E=215 MeV; measured Eγ, Iγ. CONF Cappadocia (Nuclear Physics and Astrophysics),P136,Simpson
	2009PA17	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Er; deduced levels, J, π, angular distribution coefficients, bands, multipolarities, B(M1), B(M1) / B(E2), configurations, alignments as a function of rotational frequency. Nilsson-Strutinsky calculations. Potential energy surface calculations. ^{152}Gd, ^{154}Dy, ^{156}Er, ^{158}Yb, ^{160}Hf; level and configuration systematics. JOUR PRVCA 79 044324

A=157

^{157}Er	2008SIZW	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, X)^{156}Er / ^{157}Er / ^{158}Er, E=215 MeV; ^{116}Cd(^{48}Ca, X)^{159}Er / ^{160}Er, E=215 MeV; measured Eγ, Iγ. CONF Cappadocia (Nuclear Physics and Astrophysics),P136,Simpson
	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{157}Tm	2008VAZV	RADIOACTIVITY ^{157}Yb(EC) [from W(p, X), E not given]; measured Eγ, Iγ, ce, ICC, Eα, Iα; ^{157}Tm, ^{157}Yb; deduced levels, Jπ, Q-value. CONF Moscow,P87,Vaganov

A=157 *(continued)*

^{157}Yb	2008VAZV	RADIOACTIVITY ^{157}Yb(EC) [from W(p, X), E not given]; measured Eγ, Iγ, ce, ICC, Eα, Iα; ^{157}Tm, ^{157}Yb; deduced levels, Jπ, Q-value. CONF Moscow,P87,Vaganov
	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
^{157}W	2008PAZV	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 3N), E=290, 300, 310 MeV; ^{161}Os, ^{157}W;measured Eα, Iα, Eγ, Iγ; deduced $T_{1/2}$. CONF Cappadocia (Nuclear Physics and Astrophysics),P172,Page

A=158

^{158}Sm	2009SI21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{156}Nd, ^{156,158,160}Sm; deduced levels, J, π, isomers, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304
^{158}Gd	2009AGZY	NUCLEAR REACTIONS ^{95}Mo(n, γ), ^{151,153}Eu(n, γ), ^{155,157}Gd(n, γ), E=10 meV-100 keV; measured Eγ, Iγ, γ multiplicity using DANCE BaF_2 array, In, En using TOF method; deduced J, π of n-resonances using DICEBOX code. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P11,Agvaanluvsan
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
^{158}Tb	2009LU16	NUCLEAR REACTIONS ^{158}Dy(n, p), ^{156}Dy(n, α), ^{160}Dy(n, p), E = 14.7 MeV; measured Eγ, Iγ from neutron activation; deduced σ and their uncertainties. Comparison with nuclear model calculations. JOUR ARISE 67 1892
^{158}Dy	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
^{158}Ho	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
^{158}Er	2008SIZW	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, X)^{156}Er / ^{157}Er / ^{158}Er, E=215 MeV; ^{116}Cd(^{48}Ca, X)^{159}Er / ^{160}Er, E=215 MeV; measured Eγ, Iγ. CONF Cappadocia (Nuclear Physics and Astrophysics),P136,Simpson

A=158 *(continued)*

^{158}Yb	2009PA17	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Er; deduced levels, J, π, angular distribution coefficients, bands, multipolarities, B(M1), B(M1) / B(E2), configurations, alignments as a function of rotational frequency. Nilsson-Strutinsky calculations. Potential energy surface calculations. ^{152}Gd, ^{154}Dy, ^{156}Er, ^{158}Yb, ^{160}Hf; level and configuration systematics. JOUR PRVCA 79 044324
^{158}Hf	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=159

^{159}Sm	2009UR04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{159}Sm; deduced levels, J, π and half-lives. Systematics of 11 / 2[505] band in N=87-97 Sm, Gd and Dy nuclei. Comparison with quasiparticle rotor model calculations. JOUR PRVCA 80 037301
^{159}Ho	2008IBZZ	RADIOACTIVITY ^{159,161}Er(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce; ^{159,161}Ho; deduced levels, rotational band. HPGe-detectors, mini-orange magnetic spectrometer. CONF Moscow,P91,Ibraheem
^{159}Er	2008IBZZ	RADIOACTIVITY ^{159,161}Er(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce; ^{159,161}Ho; deduced levels, rotational band. HPGe-detectors, mini-orange magnetic spectrometer. CONF Moscow,P91,Ibraheem
	2008SIZW	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, X)^{156}Er / ^{157}Er / ^{158}Er, E=215 MeV; ^{116}Cd(^{48}Ca, X)^{159}Er / ^{160}Er, E=215 MeV; measured Eγ, Iγ. CONF Cappadocia (Nuclear Physics and Astrophysics),P136,Simpson
^{159}Hf	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=160

^{160}Sm	2009SI21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{156}Nd, ^{156,158,160}Sm; deduced levels, J, π, isomers, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304
^{160}Gd	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009GO33	NUCLEAR REACTIONS ^{160}Gd(n, n'γ), E=fast; measured Eγ, Iγ; deduced level scheme, rotational bands, $\sigma(\theta)$ of gamma rays. Comparison with quasiparticle-phonon model. JOUR PANUE 72 1799

A=160 *(continued)*

^{160}Tb	2009LU16	NUCLEAR REACTIONS ^{158}Dy(n, p), ^{156}Dy(n, α), ^{160}Dy(n, p), E = 14.7 MeV; measured Eγ, Iγ from neutron activation; deduced σ and their uncertainties. Comparison with nuclear model calculations. JOUR ARISE 67 1892
^{160}Dy	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009KAZY	RADIOACTIVITY ^{160}Ho(EC) [from ^{165}Ho(p, 6n), E=95 MeV]; measured Eγ, Iγ. ^{160}Dy; deduced levels. Synchrocyclotron, ion-exchanged separation. CONF Cheboksary,P74,Kalinnikov
^{160}Ho	2008VAZU	RADIOACTIVITY ^{156,158,160}Ho(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce, ICC; ^{156,158,160}Dy; deduced levels with Jπ=0$^+$, ρ^2, Rasmussen parameters. ISOL-YaSNAPP-2 facility. CONF Moscow,P88,Vaganov
	2009KAZY	RADIOACTIVITY ^{160}Ho(EC) [from ^{165}Ho(p, 6n), E=95 MeV]; measured Eγ, Iγ. ^{160}Dy; deduced levels. Synchrocyclotron, ion-exchanged separation. CONF Cheboksary,P74,Kalinnikov
^{160}Er	2008SIZW	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, X)^{156}Er / ^{157}Er / ^{158}Er, E=215 MeV; ^{116}Cd(^{48}Ca, X)^{159}Er / ^{160}Er, E=215 MeV; measured Eγ, Iγ. CONF Cappadocia (Nuclear Physics and Astrophysics),P136,Simpson
^{160}Tm	2008LU17	NUCLEAR REACTIONS ^{146}Nd(^{19}F, 5n), E=102 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π, high-spin states, level scheme. JOUR IMPEE 17 S01 21
^{160}Hf	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
	2009PA17	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{156}Er; deduced levels, J, π, angular distribution coefficients, bands, multipolarities, B(M1), B(M1) / B(E2), configurations, alignments as a function of rotational frequency. Nilsson-Strutinsky calculations. Potential energy surface calculations. ^{152}Gd, ^{154}Dy, ^{156}Er, ^{158}Yb, ^{160}Hf; level and configuration systematics. JOUR PRVCA 79 044324

A=161

^{161}Ho	2008IBZZ	RADIOACTIVITY ^{159,161}Er(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce; ^{159,161}Ho; deduced levels, rotational band. HPGe-detectors, mini-orange magnetic spectrometer. CONF Moscow,P91,Ibraheem

A=161 *(continued)*

^{161}Er	2008IBZZ	RADIOACTIVITY ^{159,161}Er(EC); measured Eγ, Iγ, $\gamma\gamma$-coin, ce; ^{159,161}Ho; deduced levels, rotational band. HPGe-detectors, mini-orange magnetic spectrometer. CONF Moscow,P91,Ibraheem
^{161}Os	2008PAZV	NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 3N), E=290, 300, 310 MeV; ^{161}Os, ^{157}W;measured Eα, Iα, Eγ, Iγ; deduced $T_{1/2}$. CONF Cappadocia (Nuclear Physics and Astrophysics),P172,Page

A=162

^{162}Dy	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009NY01	NUCLEAR REACTIONS ^{163,164}Dy(^{3}He, α), (^{3}He, ^{3}He'), E not given;measured Eγ, Iγ, Eα, Iα; deduced level densities, γ-ray strength functions, pygmy resonance. JOUR APOBB 40 593
^{162}W	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=163

^{163}Dy	2009NY01	NUCLEAR REACTIONS ^{163,164}Dy(^{3}He, α), (^{3}He, ^{3}He'), E not given;measured Eγ, Iγ, Eα, Iα; deduced level densities, γ-ray strength functions, pygmy resonance. JOUR APOBB 40 593
^{163}W	2008JOZX	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, X), E=270 MeV; ^{163}Re, ^{163}W;measured Eγ, Iγ;deduced yrast bands. CONF Cappadocia (Nuclear Physics and Astrophysics),P154,Joss
	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
^{163}Re	2008JOZX	NUCLEAR REACTIONS ^{106}Cd(^{60}Ni, X), E=270 MeV; ^{163}Re, ^{163}W;measured Eγ, Iγ;deduced yrast bands. CONF Cappadocia (Nuclear Physics and Astrophysics),P154,Joss
	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314

A=164

^{164}Dy	2009GO09	NUCLEAR MOMENTS ^{140,142}Xe, ^{146}Ba, ^{146,148}Ce; measured g factors of first 2+ states by integral perturbed angular correlation (IPAC) method. ^{130,132,134,136,138,140,142}Xe, ^{130,132,134,136,138,140,142,144,146}Ba, ^{140,142,146,148}Ce, ^{148,150}Nd, ^{152,154}Sm, ^{154,156,158,160}Gd, ^{160,162,164}Dy; systematics of experimental and theoretical g factors and ratio of proton to neutron holes outside the nearest closed shell. Comparison with interacting boson model-2 and rotation-vibration model calculations. ^{146}Ba, ^{146,148}Ce; deduced ratio of neutron to proton deformation. JOUR PRVCA 79 034316
	2009NY01	NUCLEAR REACTIONS ^{163,164}Dy(^{3}He, α), (^{3}He, ^{3}He'), E not given;measured Eγ, Iγ, Eα, Iα; deduced level densities, γ-ray strength functions, pygmy resonance. JOUR APOBB 40 593
^{164}Ho	2009FA03	NUCLEAR REACTIONS ^{165}Ho, ^{180}W(n, 2n), E=14 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR RMEAE 44 68
^{164}W	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
^{164}Re	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
^{164}Os	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=165

^{165}Tm	2009TA01	NUCLEAR REACTIONS Er(p, xn)^{165}Tm, E < 70 MeV; measured Eγ, Iγ, excitation function using the stacked foil activation technique. Compared results to model calculations. JOUR ARISE 67 243
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{165}Re	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
^{165}Os	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=166

^{166}Eu	2007SAZO	NUCLEAR REACTIONS ^{238}U(p, f)^{166}Eu, E=33 MeV; measured Eγ, $\beta\gamma$-coin., $\gamma\gamma$-coin., particle-γ-coin., x-rays, time; deduced J, π of ^{166}Eu, ^{166}Gd. REPT JAEA-Review 2007-046,P32,Sato
	2007SAZO	RADIOACTIVITY ^{166}Eu[from ^{238}U(p, f), E=33 MeV]; measured Eγ, $\beta\gamma$-coin., $\gamma\gamma$-coin., particle-γ-coin., x-rays, time; deduced half-life. REPT JAEA-Review 2007-046,P32,Sato
^{166}Ho	2009RA01	NUCLEAR REACTIONS ^{165}Ho(n, γ), E=thermal; measured Eγ, Iγ, cross section; deduced resonance integral. Compared results to existing data and evaluated databases. JOUR RAACA 97 63
^{166}Er	2008WIZX	NUCLEAR REACTIONS ^{154}Sm, ^{166}Er(γ, γ'), E not given; measured Iγ, Eγ, I(ce), E(ce) populated via Coulomb excitation; deduced monopole transition strength, B(E2), deformation. REPT MLL 2007 Annual,P16,Wimmer
	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
^{166}Tm	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{166}Yb	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{166}Os	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314

A=166 ***(continued)***

	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=167

^{167}Tm	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{167}Lu	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{167}Ta	2009HA33	NUCLEAR REACTIONS ^{120}Sn(^{51}V, 4n), E=235 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin and $\gamma\gamma(\theta)$ using Gammasphere array. ^{167}Ta; deduced levels, J, π, triaxial superdeformed bands, normal deformed bands, dynamic moments of inertia, alignments and rotational frequency. Comparison with ultimate cranked (UC) calculations. JOUR PRVCA 80 041304
^{167}Os	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, n2p), E=335, 357, 365 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, and half-lives by recoil-distance method. ^{167}Os; deduced levels, J, π, bands, and multipolarity. ^{168}Os; deduced levels. Recoil-decay tagging technique. A=161-173, odd-A Yb, Hf, W and Os; systematics of experimental aligned momentum as a function of rotational frequency. Z=64-78, N=91; systematics of yrast states. Comparison with cranked shell-model calculations. JOUR PRVCA 79 064309
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315
^{167}Ir	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314

A=168

^{168}Dy	2008SOZZ	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X), E=460MeV; ^{168}Dy;measured Iγ, Eγ, $\gamma\gamma$-coin;deduced J, π, rotational bands. REPT arXiv:0903.3819v1 [nucl-ex]

A=168 ***(continued)***

^{168}Tm	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{168}Hf	2009CO03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ti, 4n), E=190 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives of g.s. band members using recoil-distance Doppler-shift method. ^{168}Hf; deduced levels, J, π, B(E2). Comparison with predictions of geometrical confined β soft rotor model involving centrifugal stretching. JOUR PRVCA 79 024307
^{168}Ta	2008QIZZ	NUCLEAR REACTIONS ^{145}Nd(^{27}Al, 4n), E=140 MeV; measured Eγ, Iγ; deduced J, π, rotational bands, B(M1) / B(E2). REPT JAEA-Review 2008-054,P31,Qiang
^{168}Os	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
	2009OD02	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, n2p), E=335, 357, 365 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, and half-lives by recoil-distance method. ^{167}Os; deduced levels, J, π, bands, and multipolarity. ^{168}Os; deduced levels. Recoil-decay tagging technique. A=161-173, odd-A Yb, Hf, W and Os; systematics of experimental aligned momentum as a function of rotational frequency. Z=64-78, N=91; systematics of yrast states. Comparison with cranked shell-model calculations. JOUR PRVCA 79 064309
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315
^{168}Ir	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315
^{168}Pt	2009GO16	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2n), E=335 MeV; ^{94}Mo(^{78}Kr, 3n), E=348 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169}Pt; deduced levels, J, π, bands. Recoil-decay tagging technique. Comparison with interacting boson model calculations. A=168-202, Z=78; systematics of E(4+) / E(2+). JOUR PRVCA 79 064314
	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=168 ***(continued)***

	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315

A=169

^{169}Tm	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
^{169}Yb	2009HE03	NUCLEAR REACTIONS ^{141}Pr(d, X)^{135}Ce / ^{135}La / ^{137}Ce / ^{139}Ce / ^{139}Nd / ^{140}Nd / ^{141}Nd / ^{142}Pr, E < 40 MeV; ^{169}Tm(d, X)^{166}Yb / ^{167}Tm / ^{169}Tm / ^{169}Yb, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 267 727
^{169}Lu	2009TA17	NUCLEAR REACTIONS Y(p, xn)^{169}Lu, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2802
^{169}Os	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
^{169}Ir	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
^{169}Pt	2009GO16	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2n), E=335 MeV; ^{94}Mo(^{78}Kr, 3n), E=348 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{168,169}Pt; deduced levels, J, π, bands. Recoil-decay tagging technique. Comparison with interacting boson model calculations. A=168-202, Z=78; systematics of E(4+) / E(2+). JOUR PRVCA 79 064314
	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315

A=170

^{170}Yb	2009BE37	NUCLEAR REACTIONS ^{172}Yb(p, t), E=25 MeV; measured triton spectra, σ, $\sigma(\theta)$. ^{170}Yb; deduced levels, J, π. Comparison with sd- and sdpf-interacting boson model (IBM) calculations. JOUR PRVCA 80 044333

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

^{170}Lu	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{170}Os	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
^{170}Ir	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
^{170}Pt	2009GO16	RADIOACTIVITY ^{167,168}Os, ^{167,168,169}Ir, ^{168,169,170}Pt(α); measured Eα. JOUR PRVCA 79 064314
	2009OD02	RADIOACTIVITY ^{162,163,164}W, ^{167,168}Os, ^{168,169}Ir, ^{168,169,170}Pt(α); measured Eα, Iα. JOUR PRVCA 79 064309

A=171

^{171}Tm	2009WA06	NUCLEAR REACTIONS ^{170}Er(^{7}Li, 2nα), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electron spectra, half-lives. ^{171}Tm; deduced levels, J, π, multipolarities, conversion coefficients, bands, configurations, K-mixing matrix elements. JOUR PRVCA 79 044321
^{171}Lu	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{171}Hf	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
^{171}Os	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
^{171}Ir	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304

A=171 ***(continued)***

^{171}Pt	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315

A=172

^{172}Tm	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{172}Lu	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{172}Hf	2009CA20	NUCLEAR REACTIONS ^{172,178}Hf(γ, γ'), E=9.5352-9.5851 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced integral σ and that induced depletion of 2nd metastable state not seen. JOUR PYLBB 679 203
^{172}Os	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
^{172}Pt	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315
^{172}Au	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315
^{172}Hg	2009SA27	NUCLEAR REACTIONS ^{96}Ru(^{78}Kr, 2n), E=337-355 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{172}Hg; deduced levels, J, π. Recoil-decay tagging technique. ^{172,173,174}Hg; calculated total Routhian surfaces. A=168-206, Z=78, 80; systematics of 2+, 4+ and 6+ states. Comparison with quasiparticle random phase approximation calculations. JOUR PRVCA 79 064315
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315

A=173

^{173}Tm	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{173}Lu	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{173}Hf	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{173}Ta	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{173}Ir	2009AN14	RADIOACTIVITY ^{181}Tl, ^{177}Au(α) [from ^{144}Sm(^{40}Ca, 2np)]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, α-α correlations and half-lives; deduced branching ratios and hindrance factors. ^{173}Ir, ^{177}Au, ^{181}Tl; deduced levels, J, π, isomers. ^{173}Ir, ^{173m}Ir, ^{177}Au, ^{177m}Au, ^{181}Tl, ^{181m}Tl, ^{185}Bi; deduced mass excesses. Level energy systematics of odd-A Tl isotopes. JOUR PRVCA 80 024302
^{173}Hg	2009SA27	NUCLEAR REACTIONS ^{96}Ru(^{78}Kr, 2n), E=337-355 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{172}Hg; deduced levels, J, π. Recoil-decay tagging technique. ^{172,173,174}Hg; calculated total Routhian surfaces. A=168-206, Z=78, 80; systematics of 2+, 4+ and 6+ states. Comparison with quasiparticle random phase approximation calculations. JOUR PRVCA 79 064315
	2009SA27	RADIOACTIVITY ^{172}Hg(α); measured Eα, Iα, half-life. ^{171,172}Pt, ^{172}Au, ^{173}Hg(α); measured Eα. JOUR PRVCA 79 064315

A=174

^{174}Er	2009DR06	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X), E=840 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, isomer half-life. ^{174}Er; deduced levels, J, π, E1 hindrance factors, configurations. Discussed systematics of E1 hindrance factors and E(4+) / E(2+) for even-even Er, Yb, Hf, W, Os, Pt, Hg and Pb nuclides. K-mixing calculations in the framework of particle-rotor model. JOUR PRVCA 79 061303
^{174}Lu	2009KO19	NUCLEAR REACTIONS Lu, ^{176}Lu(^{136}Xe, X), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin and half-lives. ^{174}Lu; deduced levels, J, π, isomers, conversion coefficients, multipolarity, transition probabilities, configurations, hindrance factors, rotational bands, band alignments and multi-quasiparticle intrinsic states. JOUR PRVCA 80 014304

A=174 *(continued)*

^{174}Ta	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{174}W	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{174}Re	2007ZHZV	NUCLEAR REACTIONS ^{152}Sm(^{27}Al, 5n), E=125, 132, 140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π, high-spin states, bands, signature splittings. REPT JAEA-Review 2007-046,P34,Zhang
^{174}Pt	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
^{174}Au	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
^{174}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304
	2009SA27	NUCLEAR REACTIONS ^{96}Ru(^{78}Kr, 2n), E=337-355 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{172}Hg; deduced levels, J, π. Recoil-decay tagging technique. ^{172,173,174}Hg; calculated total Routhian surfaces. A=168-206, Z=78, 80; systematics of 2+, 4+ and 6+ states. Comparison with quasiparticle random phase approximation calculations. JOUR PRVCA 79 064315

A=175

^{175}Yb	2009TA16	NUCLEAR REACTIONS Y(p, xn)^{167}Lu / ^{170}Lu / ^{171}Lu / ^{172}Lu / ^{173}Lu, Y(p, X)^{166}Yb / ^{175}Yb, Y(p, X)^{165}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{172}Tm / ^{173}Tm, E<70 MeV; measured Eγ, Iγ; deduced σ(E). Comparison with ALICE-IPPE model code. JOUR NIMBE 267 2789
^{175}Hf	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
^{175}Ta	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601

A=175 ***(continued)***

	2009SI25	NUCLEAR REACTIONS Hf(p, X)^{177}Lu / ^{175}Ta / ^{176}Ta / ^{177}Ta / ^{178}Ta, E=5.66-16.58 MeV; measured Eγ, Ig; deduced production σ. Comparison with EMPIRE nuclear model code. JOUR NIMBE 267 3500
^{175}Pt	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
^{175}Au	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304
^{175}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304
	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304

A=176

^{176}Lu	2008HE17	NUCLEAR REACTIONS ^{175}Lu(n, γ), E=spectrum; measured Eγ, Iγ, cross sections, isomeric ratio. JOUR ASJOA 673 434
^{176}Ta	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
	2009SI25	NUCLEAR REACTIONS Hf(p, X)^{177}Lu / ^{175}Ta / ^{176}Ta / ^{177}Ta / ^{178}Ta, E=5.66-16.58 MeV; measured Eγ, Ig; deduced production σ. Comparison with EMPIRE nuclear model code. JOUR NIMBE 267 3500
^{176}W	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{176}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304
	2009OD01	RADIOACTIVITY ^{175}Hg(α); measured Eα, Iα, half-life. ^{172,174,175}Pt, ^{174,175}Au, ^{175,176}Hg(α); measured Eα, Iα. JOUR PRVCA 79 051304

A=177

^{177}Lu	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova
	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
	2009SI25	NUCLEAR REACTIONS Hf(p, X)^{177}Lu / ^{175}Ta / ^{176}Ta / ^{177}Ta / ^{178}Ta, E=5.66-16.58 MeV; measured Eγ, Ig; deduced production σ. Comparison with EMPIRE nuclear model code. JOUR NIMBE 267 3500
^{177}Ta	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
	2009SI25	NUCLEAR REACTIONS Hf(p, X)^{177}Lu / ^{175}Ta / ^{176}Ta / ^{177}Ta / ^{178}Ta, E=5.66-16.58 MeV; measured Eγ, Ig; deduced production σ. Comparison with EMPIRE nuclear model code. JOUR NIMBE 267 3500
^{177}W	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{177}Re	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{177}Pt	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{177}Au	2009AN14	RADIOACTIVITY ^{181}Tl, ^{177}Au(α) [from ^{144}Sm(^{40}Ca, 2np)]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, α-α correlations and half-lives; deduced branching ratios and hindrance factors. ^{173}Ir, ^{177}Au, ^{181}Tl; deduced levels, J, π, isomers. ^{173}Ir, ^{173m}Ir, ^{177}Au, ^{177m}Au, ^{181}Tl, ^{181m}Tl, ^{185}Bi; deduced mass excesses. Level energy systematics of odd-A Tl isotopes. JOUR PRVCA 80 024302
^{177}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304

A=178

^{178}Lu	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
^{178}Hf	2008ZHZZ	RADIOACTIVITY ^{178}Hf(IT) [from^{181}Ta(α, αp2n), E not given]; measured Eγ, Iγ, x-rays, conversion electrons. CONF Moscow,P81,Zheltonozhsky
	2009CA20	NUCLEAR REACTIONS ^{172,178}Hf(γ, γ'), E=9.5352-9.5851 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced integral σ and that induced depletion of 2nd metastable state not seen. JOUR PYLBB 679 203
^{178}Ta	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
	2009SI25	NUCLEAR REACTIONS Hf(p, X)^{177}Lu / ^{175}Ta / ^{176}Ta / ^{177}Ta / ^{178}Ta, E=5.66-16.58 MeV; measured Eγ, Ig; deduced production σ. Comparison with EMPIRE nuclear model code. JOUR NIMBE 267 3500
^{178}Re	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{178}Pt	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{178}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304

A=179

^{179}Hf	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293

A=179 *(continued)*

	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
^{179}W	2009FA03	NUCLEAR REACTIONS ^{165}Ho, ^{180}W(n, 2n), E=14 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR RMEAE 44 68
^{179}Re	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{179}Pt	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{179}Hg	2009OD01	NUCLEAR REACTIONS ^{92}Mo(^{86}Sr, 3n), E=403 MeV; measured Eγ, Iγ, ce, Eα, Iα, (recoil)α-, $\gamma\alpha$-, (ce)α-coin, half-life. ^{175}Hg; deduced levels, J, π, isomer, bands and moments of inertia. Recoil-decay tagging technique. ^{174,175,176,177,178,179}Hg; level systematics. JOUR PRVCA 79 051304

A=180

^{180}Hf	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W(2β^-); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009BU03	RADIOACTIVITY ^{180}Hf(IT); ^{181}Hf(β^-); measured time differential perturbed angular correlation spectra. JOUR ZNASE 64a 103
	2009BU03	NUCLEAR MOMENTS ^{180,181}Hf; deduced hyperfine parameters. JOUR ZNASE 64a 103
	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603

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

^{180}Ta	2007SHZR	NUCLEAR REACTIONS ^{181}Ta(^{18}O, x)^{180}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{181}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{182}Ta, E=180 MeV; measured Eγ, Iγ, particle-γ-coin. Coulomb excitation, neutron transfer. REPT JAEA-Review 2007-046,P36,Shizuma
	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
^{180}W	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W(2β^-); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009FA01	RADIOACTIVITY ^{180}Re(EC), (β^+) [from ^{181}Ta(^{3}He, 4n), E=33 MeV]; measured delayed γ spectrum; deduced none oscillation of decay rate. JOUR PYLBB 672 227
^{180}Re	2009FA01	RADIOACTIVITY ^{180}Re(EC), (β^+) [from ^{181}Ta(^{3}He, 4n), E=33 MeV]; measured delayed γ spectrum; deduced none oscillation of decay rate. JOUR PYLBB 672 227
^{180}Os	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{180}Ir	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{180}Pt	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{180}Hg	2009GR09	NUCLEAR REACTIONS ^{94}Mo(^{88}Sr, 2n), E=300 MeV; ^{96}Mo(^{88}Sr, 2n), E=310 MeV; measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin, half-lives by recoil-distance Doppler shift method. ^{180,182}Hg; deduced levels, J, π, B(E2), quadrupole moments and deformation parameters. Recoil-decay tagging (RDT) method. Comparisons with systematics of even-even Hg nuclides from A=176-206 and A=186, 188 Pb nuclides. JOUR PRVCA 80 014324
	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303

A=181

^{181}Hf	2009BU03	RADIOACTIVITY ^{180}Hf(IT); ^{181}Hf(β^-); measured time differential perturbed angular correlation spectra. JOUR ZNASE 64a 103
	2009BU03	NUCLEAR MOMENTS ^{180,181}Hf; deduced hyperfine parameters. JOUR ZNASE 64a 103
	2009LA21	RADIOACTIVITY ^{181}Hf(β^-); measured Eγ, Iγ; deduced energy levels in ^{181}Ta. JOUR UKPJA 54 678
	2009LU09	NUCLEAR REACTIONS ^{181}Ta(n, n'α), (n, t), (n, d), (n, α), (n, p), (n, 2n)^{177}Lu / ^{179}Hf / ^{180}Hf / ^{178}Lu / ^{181}Hf / ^{180}Ta, E=13.5, 14.1, 14.5, 14.7 MeV; measured Eγ, Iγ, σ. ^{27}Al(n, α)^{24}Na, E=13.5, 14.1, 14.5, 14.7 MeV; measured σ, used as monitor reaction. JOUR PRVCA 79 057603
^{181}Ta	2007SHZR	NUCLEAR REACTIONS ^{181}Ta(^{18}O, x)^{180}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{181}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{182}Ta, E=180 MeV; measured Eγ, Iγ, particle-γ-coin. Coulomb excitation, neutron transfer. REPT JAEA-Review 2007-046,P36,Shizuma
	2009BU03	RADIOACTIVITY ^{180}Hf(IT); ^{181}Hf(β^-); measured time differential perturbed angular correlation spectra. JOUR ZNASE 64a 103
	2009LA20	NUCLEAR MOMENTS ^{181}Ta; measured hfs spectra; deduced magnetic moment. JOUR UKPJA 54 337
	2009LA21	RADIOACTIVITY ^{181}Hf(β^-); measured Eγ, Iγ; deduced energy levels in ^{181}Ta. JOUR UKPJA 54 678
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{181}W	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
^{181}Re	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{181}Os	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613

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

	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{181}Ir	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{181}Pt	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{181}Hg	2009AN17	NUCLEAR REACTIONS ^{144}Sm(^{40}Ca, n2p), E=177-229 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, delayed γ, and half-lives. ^{181}Hg; deduced levels, J, π, multipolarities, isomer. Comparison with earlier experimental data. JOUR PRVCA 80 044334
	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{181}Tl	2009AN14	RADIOACTIVITY ^{181}Tl, ^{177}Au(α) [from ^{144}Sm(^{40}Ca, 2np)]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, α-α correlations and half-lives; deduced branching ratios and hindrance factors. ^{173}Ir, ^{177}Au, ^{181}Tl; deduced levels, J, π, isomers. ^{173}Ir, ^{173m}Ir, ^{177}Au, ^{177m}Au, ^{181}Tl, ^{181m}Tl, ^{185}Bi; deduced mass excesses. Level energy systematics of odd-A Tl isotopes. JOUR PRVCA 80 024302

A=182

^{182}Ta	2007SHZR	NUCLEAR REACTIONS ^{181}Ta(^{18}O, x)^{180}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{181}Ta, E=180 MeV; ^{181}Ta(^{18}O, x)^{182}Ta, E=180 MeV; measured Eγ, Iγ, particle-γ-coin. Coulomb excitation, neutron transfer. REPT JAEA-Review 2007-046,P36,Shizuma
	2009HE15	NUCLEAR REACTIONS Ti(d, X)^{48}V, ^{181}Ta(d, 2n), (d, p), (d, p2n), (d, 4np), (d, xn2p), E<45 MeV; ^{179}Hf, ^{180}Hf; measured X-ray, Eγ, Iγ; deduced σ. Comparison with ALICE and EMPIRE codes. JOUR NIMBE 267 3293
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48

A=182 ***(continued)***

^{182}W	2008LEZS	NUCLEAR REACTIONS ^{230,232,234}Th, ^{184,186}W(p, t), E not given; measured Et, It; deduced Q-values. CONF Moscow,P78,Levon
^{182}Re	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
^{182}Os	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
	2009MO05	NUCLEAR REACTIONS ^{186}W(^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51, 53, 56, 59 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios, γ(t), half-life by decay curve method. ^{188}Os; deduced levels, J, π, isomers, configurations. ^{182,184,186,188}Os; systematics. JOUR PRVCA 79 024310
	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
	2009SI10	NUCLEAR REACTIONS ^{165}Ho(^{20}Ne, 2np), (^{20}Ne, 3np), (^{20}Ne, α), (^{20}Ne, 2nα), (^{20}Ne, 3npα), (^{20}Ne, 4npα), (^{20}Ne, 6npα), (^{20}Ne, n2pα), (^{20}Ne, 2α), (^{20}Ne, n2α), (^{20}Ne, 2n2α), (^{20}Ne, 3n2α), (^{20}Ne, 4n2α), (^{20}Ne, 3np2α), (^{20}Ne, 3n4α), E=164 MeV; measured Eγ, Iγ, yields, forward recoil range distributions and relative contributions of complete and incomplete fusion channels. JOUR PRVCA 79 054601
^{182}Ir	2009GU24	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{171}Lu / ^{172}Lu / ^{171}Hf / ^{175}Hf / ^{181}Re / ^{181}Os / ^{182}Os / ^{182}Ir, E=76, 81 MeV; measured σ, angular distributions, forward recoil ranges and most probable recoil ranges. JOUR PRVCA 80 024613
	2009SI02	NUCLEAR REACTIONS ^{169}Tm(^{16}O, X)^{177}Re / ^{178}Re / ^{179}Re / ^{180}Os / ^{181}Os / ^{182}Os / ^{180}Ir / ^{181}Ir / ^{182}Ir, E=5.6 MeV / nucleon; measured Eγ, Iγ, (charged-particle)γ-coin, yields, spin distributions; deduced γ cascade feeding intensities. Comparison with PACE4 calculations. JOUR PYLBB 671 20
^{182}Hg	2009GR09	NUCLEAR REACTIONS ^{94}Mo(^{88}Sr, 2n), E=300 MeV; ^{96}Mo(^{88}Sr, 2n), E=310 MeV; measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin, half-lives by recoil-distance Doppler shift method. ^{180,182}Hg; deduced levels, J, π, B(E2), quadrupole moments and deformation parameters. Recoil-decay tagging (RDT) method. Comparisons with systematics of even-even Hg nuclides from A=176-206 and A=186, 188 Pb nuclides. JOUR PRVCA 80 014324
	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303

A=183

^{183}Ta	2009SH17	NUCLEAR REACTIONS ^{181}Ta(^{18}O, ^{16}O), E=180 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin, time difference spectrum. ^{183}Ta; deduced levels, J, π and $T_{1/2}$ of new isomer. JOUR ZAANE 39 263
^{183}Re	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
^{183}Os	2009LU03	NUCLEAR REACTIONS ^{86}Sr, ^{184}Os(n, 2n), ^{190}Os(n, p), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations, existing data, and evaluated databases. JOUR JRNCD 279 443
^{183}Hg	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{183}Pb	2009SE13	NUCLEAR MOMENTS ^{183,185,187,189}Pb [from ^{238}U(p, X), E=1, 4 GeV online mass separator using the in-source resonance ionization spectroscopy technique]; measured hfs spectra; deduced μ, hyperfine coupling constants, charge radii. Comparison with other data. JOUR ZAANE 41 315

A=184

^{184}W	2008LEZS	NUCLEAR REACTIONS ^{230,232,234}Th, ^{184,186}W(p, t), E not given; measured Et, It; deduced Q-values. CONF Moscow,P78,Levon
	2009LI23	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O), E=36-80 MeV; measured particle spectra, σ as a function of beam energy; deduced diffuseness parameters using single-channel and coupled-channels calculations. JOUR PRVCA 79 064603
^{184}Re	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
^{184}Os	2009MO05	NUCLEAR REACTIONS ^{186}W(^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51, 53, 56, 59 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios, γ(t), half-life by decay curve method. ^{188}Os; deduced levels, J, π, isomers, configurations. ^{182,184,186,188}Os; systematics. JOUR PRVCA 79 024310
^{184}Hg	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{184}Pb	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303

A=185

^{185}Ta	2009LA17	NUCLEAR REACTIONS ^{186}W(^{136}Xe, X)^{185}Ta, E=840 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin and half-lives. ^{185}Ta; deduced levels, J, π, isomer, mixing ratios, bands and configurations, transition rates and other rotational-model characteristics, K-allowed E1 and K-forbidden transitions. JOUR PRVCA 80 024321
^{185}W	2009MA48	NUCLEAR REACTIONS ^{184,186}W(n, γ), E=thermal; measured Eγ, Iγ; σ by activation technique. Comparisons with previous measurements and theoretical predictions. Discussed astrophysical implications. JOUR PRVCA 80 025804
^{185}Re	2009GA04	NUCLEAR REACTIONS ^{185}Re(^{3}He, ^{3}He), (^{3}He, ^{3}He'), E=30 MeV; measured $\sigma(\theta)$. Comparison with results of ECISO3 calculations. JOUR PRVCA 79 017601
^{185}Hg	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
^{185}Pb	2009PA33	NUCLEAR REACTIONS ^{106}Pd(^{82}Kr, X)^{185}Pb, E=367 MeV; ^{104}Pd(^{83}Kr, X)^{185}Pb, E=362 MeV; measured Eγ, Iγ, $\alpha\gamma\gamma$-, (particle)γ-coin, recoil-decay tagging method. ^{185}Pb; deduced levels, J, π, bands, configurations. Comparison with level structure of ^{181}Pt. Level systematics of A=182-197 Pb isotopes. JOUR PRVCA 80 031303
	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303
	2009SE13	NUCLEAR MOMENTS ^{183,185,187,189}Pb [from ^{238}U(p, X), E=1, 4 GeV online mass separator using the in-source resonance ionization spectroscopy technique]; measured hfs spectra; deduced μ, hyperfine coupling constants, charge radii. Comparison with other data. JOUR ZAANE 41 315
^{185}Bi	2009AN14	RADIOACTIVITY ^{181}Tl, ^{177}Au(α) [from ^{144}Sm(^{40}Ca, 2np)]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, α-α correlations and half-lives; deduced branching ratios and hindrance factors. ^{173}Ir, ^{177}Au, ^{181}Tl; deduced levels, J, π, isomers. ^{173}Ir, ^{173m}Ir, ^{177}Au, ^{177m}Au, ^{181}Tl, ^{181m}Tl, ^{185}Bi; deduced mass excesses. Level energy systematics of odd-A Tl isotopes. JOUR PRVCA 80 024302

A=186

^{186}W	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
^{186}Re	2007MAYZ	NUCLEAR REACTIONS ^{187}Re(n, 2nγ), E=12 MeV; measured Eγ, Iγ. REPT TUNL-XLVI,P40,Masters
	2009SZ03	NUCLEAR REACTIONS ^{192}Os(p, α3n), ^{186}W(p, n), (d, 2n), Cu(p, X)^{65}Zn, Al(p, X)^{24}Na, E<66.7 MeV; measured reaction products, Eγ, Iγ; deduced σ, uncertainties. JOUR JRNCD 282 261
	2009WH01	NUCLEAR REACTIONS ^{187}Re(p, d), E=21 MeV; measured Ed, Id; deduced energy levels, J, π. Comparison with calculations, Q3D magnetic spectrograph. JOUR JPGPE 36 095102

A=186 *(continued)*

^{186}Os	2008PHZY	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured Id, Ed; deduced $\sigma(\theta, J, \pi)$; calculated $\sigma(\theta, J, \pi)$ using DWBA code DWUCK4; extracted structure of 4_3^+ states in ^{186,188}Os. REPT MLL 2007 Annual,P17,Phillips
	2009BE27	RADIOACTIVITY ^{64}Zn(2EC), (β^+EC); ^{70}Zn, ^{186}W($2\beta^-$); ^{180}W(2EC); measured Eγ, Iγ; deduced $T_{1/2}$ lower limits for various 2β-decay modes. $ZnWO_4$ crystal scintillator at the Gran Sasso National Laboratories. JOUR NUPAB 826 256
	2009MO05	NUCLEAR REACTIONS ^{186}W(^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51, 53, 56, 59 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios, γ(t), half-life by decay curve method. ^{188}Os; deduced levels, J, π, isomers, configurations. ^{182,184,186,188}Os; systematics. JOUR PRVCA 79 024310
	2009PHZZ	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(particle), I(particle); deduced $\sigma(\theta)$; calculated $\sigma(\theta)$; deduced $K^\pi=1^+$ bands. REPT MLL 2008 Annual,P13,Phillips
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{186}Tl	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320
^{186}Pb	2009PA33	RADIOACTIVITY ^{181,182,183,184,185}Hg, ^{184,185,186}Pb(α); measured Eα. JOUR PRVCA 80 031303

A=187

^{187}W	2009KIZY	NUCLEAR REACTIONS Mo(n, γ), E=0.01-200 eV; measured In; deduced σ; ^{186}W(n, γ), E=thermal; ^{98}Mo(n, γ), E=thermal; measured In relative to ^{197}Au(n, γ); deduced σ, resonance integral; ^{45}Sc(γ, n), E=65 MeV; Ti(γ, x)^{44}Sc, E=65 MeV; ^{103}Rh(γ, 4n), E=65 MeV; Fe(γ, x)^{52}Mn, E=65 MeV; measured Eγ, Iγ; deduced σ, isomeric transition. Compared to other data. CONF Ulaanbaatar (Nucl Phys and Appls) Proc.,P72,Kim
	2009MA48	NUCLEAR REACTIONS ^{184,186}W(n, γ), E=thermal; measured Eγ, Iγ; σ by activation technique. Comparisons with previous measurements and theoretical predictions. Discussed astrophysical implications. JOUR PRVCA 80 025804
^{187}Pt	2007ZHZU	NUCLEAR REACTIONS ^{173}Yb(^{18}O, 4n), E=78, 85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced ^{187}Pt J, π, B(M1), B(E2), bands; B(M1) / B(E2) compared to theoretical predictions. REPT JAEA-Review 2007-046,P38,Zhou

A=187 *(continued)*

^{187}Pb	2009SE13	NUCLEAR MOMENTS ^{183,185,187,189}Pb [from ^{238}U(p, X), E=1, 4 GeV online mass separator using the in-source resonance ionization spectroscopy technique]; measured hfs spectra; deduced μ, hyperfine coupling constants, charge radii. Comparison with other data. JOUR ZAANE 41 315

A=188

^{188}Ta	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
^{188}W	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
^{188}Re	2009LU08	NUCLEAR REACTIONS ^{188}Os(n, p), ^{190}Os(n, p), (n, n'), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Comparison with model calculations and evaluated databases. JOUR NIMBE 267 1051
	2009SH28	RADIOACTIVITY ^{188}Re(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced quadrupole deformation and triaxiality parameters. Comparison with Hartree-Fock-Bogoliubov, total Routhian surface calculations. JOUR IMPEE 18 1603
^{188}Os	2008PHZY	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured Id, Ed; deduced $\sigma(\theta, J, \pi)$; calculated $\sigma(\theta, J, \pi)$ using DWBA code DWUCK4; extracted structure of 4_3^+ states in ^{186,188}Os. REPT MLL 2007 Annual,P17,Phillips
	2009MA24	NUCLEAR REACTIONS ^{12}C(^{180}Hf, X), E=65 MeV; measured Eγ, Iγ;^{188}Os, ^{192}Pt; deduced giant dipole resonance strength distributions. JOUR APOBB 40 545
	2009MO05	NUCLEAR REACTIONS ^{186}W(^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51, 53, 56, 59 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios, γ(t), half-life by decay curve method. ^{188}Os; deduced levels, J, π, isomers, configurations. ^{182,184,186,188}Os; systematics. JOUR PRVCA 79 024310
	2009PHZZ	NUCLEAR REACTIONS ^{185,187}Re(^{3}He, d), E=30 MeV; measured E(particle), I(particle); deduced $\sigma(\theta)$; calculated $\sigma(\theta)$; deduced $K^\pi=1^+$ bands. REPT MLL 2008 Annual,P13,Phillips
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305

A=188 *(continued)*

	2009SH28	RADIOACTIVITY ^{188}Re(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced quadrupole deformation and triaxiality parameters. Comparison with Hartree-Fock-Bogoliubov, total Routhian surface calculations. JOUR IMPEE 18 1603
^{188}Pt	2008ZHZX	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 6n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced J, π, rotational bands, shape-coexistence; calculated energy levels using projected shell model. REPT JAEA-Review 2008-054,P34,Zhou
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305

A=189

^{189}Ta	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{189}Ir	2009VI01	NUCLEAR REACTIONS ^{150,150m,152m}Eu, ^{190m}Ir(γ, n), E=12, 12.5, 16 MeV; measured Eγ, Iγ, half-lives, isomeric yield ratios; deduced levels.Comparison with TALYS and MCEM calculations. JOUR PRVCA 79 014615
^{189}Pt	2009HU12	NUCLEAR REACTIONS ^{176}Yb(^{18}O, 5n), E=88, 95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{189}Pt; deduced levels, J, π, rotational bands, configurations. Comparisons with predictions of triaxial particle-rotor model. JOUR PRVCA 80 034303
^{189}Tl	2009SA09	RADIOACTIVITY ^{189}Pb(β^+), (EC) [from ^{238}U(p, X), E=1.4 GeV]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft; calculated nuclear deformation. ^{189}Tl deduced levels, J, π. In-source laser spectroscopy. JOUR ZAANE 39 33

A=189 *(continued)*

^{189}Pb	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320
	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302
	2009SA09	RADIOACTIVITY ^{189}Pb(β^+), (EC) [from ^{238}U(p, X), E=1.4 GeV]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft; calculated nuclear deformation. ^{189}Tl deduced levels, J, π. In-source laser spectroscopy. JOUR ZAANE 39 33
	2009SE13	NUCLEAR MOMENTS ^{183,185,187,189}Pb [from ^{238}U(p, X), E=1, 4 GeV online mass separator using the in-source resonance ionization spectroscopy technique]; measured hfs spectra; deduced μ, hyperfine coupling constants, charge radii. Comparison with other data. JOUR ZAANE 41 315
^{189}Bi	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=190

^{190}W	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
	2009FA06	NUCLEAR REACTIONS Be(^{208}Pb, X), E=1 GeV / nucleon; ^{190}W; measured Iγ, Eγ, $\gamma\gamma$-coin; deduced J, π, $T_{1/2}$. Blocked BCS calculations. JOUR APOBB 40 885
^{190}Re	2009LU03	NUCLEAR REACTIONS ^{86}Sr, ^{184}Os(n, 2n), ^{190}Os(n, p), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Compared results to model calculations, existing data, and evaluated databases. JOUR JRNCD 279 443
	2009LU08	NUCLEAR REACTIONS ^{188}Os(n, p), ^{190}Os(n, p), (n, n'), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Comparison with model calculations and evaluated databases. JOUR NIMBE 267 1051

A=190 *(continued)*

^{190}Os	2009LU08	NUCLEAR REACTIONS ^{188}Os(n, p), ^{190}Os(n, p), (n, n'), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. Comparison with model calculations and evaluated databases. JOUR NIMBE 267 1051
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{190}Ir	2008VI11	NUCLEAR REACTIONS ^{191}Ir, ^{197}Au(γ, n), E=12.12.5 MeV; ^{197}Au(d, p), E=4.5 MeV; measured Eγ, Iγ, Isomeric ratios. JOUR BRSPE 72 1577
	2009HA13	NUCLEAR REACTIONS ^{191,193}Ir, ^{192}Os(γ, n)^{190}Ir / ^{191}Os / ^{191m}Os / ^{192}Ir, E=7600-9900 keV; measured Eγ, Iγ from radioactive decays of ^{190}Ir, ^{191}Os, ^{191m}Os and ^{192}Ir; deduced yields and σ. Comparison with calculated using NON-SMOKER^{WEB} and TALYS codes. JOUR PRVCA 79 055807
^{190}Pt	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{190}Au	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{190}Bi	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=191

^{191}W	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

A=191 ***(continued)***

	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{191}Re	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{191}Os	2009HA13	NUCLEAR REACTIONS ^{191,193}Ir, ^{192}Os(γ, n)^{190}Ir / ^{191}Os / ^{191m}Os / ^{192}Ir, E=7600-9900 keV; measured Eγ, Iγ from radioactive decays of ^{190}Ir, ^{191}Os, ^{191m}Os and ^{192}Ir; deduced yields and σ. Comparison with calculated using NON-SMOKER^{WEB} and TALYS codes. JOUR PRVCA 79 055807
^{191}Ir	2009FO07	NUCLEAR REACTIONS ^{191,193}Ir, ^{197}Au(n, n'γ), E<20 MeV; measured Eγ, Iγ, σ, half-lives of 11 / 2- isomers using GEANIE array. ^{191m,193m}Ir, ^{197m}Au; deduced levels, J, π, multipolarities. Comparison of measured σ with predictions from FKK-GNASH reaction model. JOUR PRVCA 80 044612
^{191}Pt	2009QA01	NUCLEAR REACTIONS ^{192}Os(^{3}He, 4n), E < 36 MeV; measured Eγ, Iγ, excitation function using the stacked foil activation technique. JOUR ARISE 67 1074
^{191}Au	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{191}Hg	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601

A=191 ***(continued)***

^{191}Pb	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302
^{191}Bi	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=192

^{192}Re	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
^{192}Os	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{192}Ir	2009HA13	NUCLEAR REACTIONS ^{191,193}Ir, ^{192}Os(γ, n)^{190}Ir / ^{191}Os / ^{191m}Os / ^{192}Ir, E=7600-9900 keV; measured Eγ, Iγ from radioactive decays of ^{190}Ir, ^{191}Os, ^{191m}Os and ^{192}Ir; deduced yields and σ. Comparison with calculated using NON-SMOKER^{WEB} and TALYS codes. JOUR PRVCA 79 055807
^{192}Pt	2009MA24	NUCLEAR REACTIONS ^{12}C(^{180}Hf, X), E=65 MeV; measured Eγ, Iγ;^{188}Os, ^{192}Pt; deduced giant dipole resonance strength distributions. JOUR APOBB 40 545
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305

A=192 *(continued)*

^{192}Au	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{192}Hg	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{192}Tl	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601

A=193

^{193}Re	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009AL16	RADIOACTIVITY ^{188}Ta, ^{190,191}W, ^{192,193}Re, ^{189}Ta(IT), ^{188}Ta(β^-); measured Eγ, Iγ, $\beta\gamma$-coin., isomeric states. JOUR APOBB 40 875
^{193}Os	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

A=193 ***(continued)***

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{193}Ir	2009FO07	NUCLEAR REACTIONS ^{191,193}Ir, ^{197}Au(n, n'γ), E<20 MeV; measured Eγ, Iγ, σ, half-lives of 11 / 2- isomers using GEANIE array. ^{191m,193m}Ir, ^{197m}Au; deduced levels, J, π, multipolarities. Comparison of measured σ with predictions from FKK-GNASH reaction model. JOUR PRVCA 80 044612
^{193}Hg	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova
	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{193}Tl	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{193}Pb	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302
^{193}Po	2009AN11	NUCLEAR REACTIONS ^{141}Pr(^{56}Fe, xn)^{193}Po / ^{193m}Po / ^{193}At / ^{194}At / ^{194m}At / ^{195}At, E=259 MeV]; measured Eα, Iα, recoil-α-α and α-γ correlations. JOUR PRVCA 79 064320
	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=193 *(continued)*

^{193}At	2009AN11	NUCLEAR REACTIONS ^{141}Pr(^{56}Fe, xn)^{193}Po / ^{193m}Po / ^{193}At / ^{194}At / ^{194m}At / ^{195}At, E=259 MeV]; measured Eα, Iα, recoil-α-α and α-γ correlations. JOUR PRVCA 79 064320
	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=194

^{194}Re	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{194}Os	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{194}Ir	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova
^{194}Pt	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{194}Au	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{194}Tl	2009MA27	NUCLEAR REACTIONS ^{181}Ta(^{18}O, 5n), E=91, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced J, π, band structure, B(M1) / B(E2). JOUR APOBB 40 657

A=194 *(continued)*

	2009SI16	NUCLEAR REACTIONS ^{181}Ta(^{16}O, 3n), (^{16}O, 4n), (^{16}O, 5n), (^{16}O, 3np), (^{16}O, 4np), (^{16}O, 5np), (^{16}O, nα), (^{16}O, 2nα), (^{16}O, 3nα)^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{191m}Hg / ^{192}Hg / ^{193}Hg / ^{193m}Hg / ^{192}Tl / ^{192m}Tl / ^{193}Tl / ^{193m}Tl / ^{194}Tl / ^{194m}Tl, E=76-100 MeV; measured Eγ, Iγ, σ, and excitation functions; deduced fraction of incomplete fusion. Comparison with experimental data for other reactions with ^{16}O and ^{12}C projectiles and with PACE4 predictions. JOUR PRVCA 80 014601
^{194}Pb	2009KU03	NUCLEAR REACTIONS ^{168}Er(^{30}Si, 4n)^{194}Pb, E=142 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{194}Pb; deduced levels, J, π, multipolarity, rotational bands. JOUR PRVCA 79 014315
^{194}At	2009AN11	NUCLEAR REACTIONS ^{141}Pr(^{56}Fe, xn)^{193}Po / ^{193m}Po / ^{193}At / ^{194}At / ^{194m}At / ^{195}At, E=259 MeV]; measured Eα, Iα, recoil-α-α and α-γ correlations. JOUR PRVCA 79 064320
	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=195

^{195}Re	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
^{195}Os	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{195}Ir	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

A=195 ***(continued)***

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{195}Hg	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova
^{195}Pb	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302
^{195}Po	2009GR05	NUCLEAR REACTIONS ^{113}Cd(^{86}Kr, 4n), E=382 MeV; measured Eγ, Iγ, (recoil)γ-coin, lifetime using the recoil distance Doppler-shift method. ^{195}Po; deduced B(E2). JUROGRAM array with RITU separator and GREAT spectrometer. Recoil-decay tagging technique. JOUR ZAANE 39 291
^{195}At	2009AN11	NUCLEAR REACTIONS ^{141}Pr(^{56}Fe, xn)^{193}Po / ^{193m}Po / ^{193}At / ^{194}At / ^{194m}At / ^{195}At, E=259 MeV]; measured Eα, Iα, recoil-α-α and α-γ correlations. JOUR PRVCA 79 064320
	2009AN11	RADIOACTIVITY ^{194,194m}At(α), ^{190,190m}Bi(α)[from ^{141}Pr(^{56}Fe, 3n), E=259 MeV]; measured Eα, Iα, Eγ, Iγ, $\gamma\gamma$-, $\alpha\gamma$-coin, isomer half-lives, recoil-α-α correlations. ^{190}Bi, ^{194}At; deduced levels, J, π, multipolarity, hindrance factors, configurations. ^{193}Po, ^{193,195}At(α); measured Eα. JOUR PRVCA 79 064320

A=196

^{196}Re	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

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

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{196}Os	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{196}Pt	2009LI23	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O), E=36-80 MeV; measured particle spectra, σ as a function of beam energy; deduced diffuseness parameters using single-channel and coupled-channels calculations. JOUR PRVCA 79 064603
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{196}Au	2008NA26	NUCLEAR REACTIONS ^{197}Au(γ, n), E=8.0-15.5 MeV; measured activation yields. Comparison with Hauser Feshbach calculations. JOUR PRVCA 78 055802
	2008PE32	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), ^{208}Pb(α, 2n), E=60.3 MeV;^{197}Au(^{6}He, X), ^{198}Pt(d, X), E not given; ^{196,198,199}Au; measured reaction products; deduced excitation functions. JOUR IMPEE 17 2349
	2008VI10	NUCLEAR REACTIONS ^{118}Sn(γ, p), Sb(γ, α)^{117}In, ^{197}Au(γ, n), E=15, 22 MeV; measured Eγ, Iγ, isomeric rations. JOUR BRSPE 72 1569
	2008VI11	NUCLEAR REACTIONS ^{191}Ir, ^{197}Au(γ, n), E=12.12.5 MeV; ^{197}Au(d, p), E=4.5 MeV; measured Eγ, Iγ, Isomeric ratios. JOUR BRSPE 72 1577
	2008VIZZ	NUCLEAR REACTIONS Au(d, 2n), (n, 2n), (d, p), Ed=4.5-7.5 MeV, En=14.6 MeV; measured Eγ, Iγ, $\gamma\gamma$-, xγ-coin; ^{197}Hg, ^{196,198}Au; deduced isomer yield ratios. CONF Moscow,P132,Vishnevsky

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

	2009LIZZ	NUCLEAR REACTIONS Au, Nb, Ta(p, X), E=160, 247, 325 MeV; measured Eγ, Iγ. ^{87}Y, ^{177}Lu, ^{193,195}Hg, ^{194}Ir, ^{196}Au; deduced isomeric yield ratios depending on Ep. Activation Method. CONF Cheboksary,P142,Libanova
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{196}Tl	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{196}Pb	2009LE18	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ multiplicity, quasicontinuum γ-ray spectra; deduced Monte Carlo simulation of γ decay based on microscopically calculated levels, E2 decay probabilities, potential barriers between normal and superdeformed wells and collective mass parameters. ^{151}Tb, ^{196}Pb; deduced normal and superdeformed bands, and E1 strength functions. Comparison with cranked shell-model calculations. JOUR PRVCA 79 064306
^{196}Po	2009GR08	NUCLEAR REACTIONS ^{113}Cd(^{86}Kr, 3n), E=382 MeV; measured Eγ, Iγ, half-lives using the recoil distance Doppler-shift technique. ^{196}Po; deduced levels, J, π, B(E2), transition quadrupole moments and deformation parameters. Comparison with configuration mixing calculations of angular momentum projected mean-field states. JOUR PRVCA 80 014323

A=197

^{197}Os	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

A=197 ***(continued)***

	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{197}Pt	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{197}Au	2007SUZP	NUCLEAR REACTIONS ^{197}Au(^{32}Mg, ^{32}Mg'), E=26 MeV / nucleon; measured Iγ, Eγ; deduced B(E2). Recoil distance method; GRAPE detector array. REPT RIKEN 2006 Annual,P6,Suzuki
	2008KIZW	RADIOACTIVITY ^{197}Hg(EC) [from ^{197}Au(d, 2n), E=7 MeV]; measured Eγ, Iγ, x-rays; ^{197}Au; deduced level energy. CONF Moscow,P86,Kirischuk
	2009FO07	NUCLEAR REACTIONS ^{191,193}Ir, ^{197}Au(n, n'γ), E<20 MeV; measured Eγ, Iγ, σ, half-lives of 11 / 2- isomers using GEANIE array. ^{191m,193m}Ir, ^{197m}Au; deduced levels, J, π, multipolarities. Comparison of measured σ with predictions from FKK-GNASH reaction model. JOUR PRVCA 80 044612
	2009IM01	NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=42.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}Be deduced levels, $T_{1/2}$, B(E2), deformation length. Doppler shift attenuation method. JOUR PYLBB 673 179

A=197 *(continued)*

	2009JI02	NUCLEAR REACTIONS ^{197}Au(^{18}Ne, ^{18}Ne'), E not given; measured Ep, Ip. ^{18}Ne; deduced level energies. Two proton decay. JOUR CPLEE 26 032301
	2009LI29	NUCLEAR REACTIONS ^{197}Au(^{29}S, ^{29}S'), E=49.2 MeV / nucleon; measured particle spectra by ΔE-tof, (^{29}S)(p)(p)-coin. ^{29}S; deduced excitation spectrum, two proton and ^{2}He cluster decay branching ratios. JOUR PRVCA 80 014310
^{197}Hg	2008KIZW	RADIOACTIVITY ^{197}Hg(EC) [from ^{197}Au(d, 2n), E=7 MeV]; measured Eγ, Iγ, x-rays; ^{197}Au; deduced level energy. CONF Moscow,P86,Kirischuk
	2008VIZZ	NUCLEAR REACTIONS Au(d, 2n), (n, 2n), (d, p), Ed=4.5-7.5 MeV, En=14.6 MeV; measured Eγ, Iγ, γγ-, xγ-coin; ^{197}Hg, ^{196,198}Au; deduced isomer yield ratios. CONF Moscow,P132,Vishnevsky
^{197}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{197}Pb	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, γγ-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, γγ-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302

A=198

^{198}Os	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

A=198 ***(continued)***

	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009P002	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{198}Ir	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{198}Pt	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009P002	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{198}Au	2008PE32	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), ^{208}Pb(α, 2n), E=60.3 MeV;^{197}Au(^{6}He, X), ^{198}Pt(d, X), E not given; ^{196,198,199}Au; measured reaction products; deduced excitation functions. JOUR IMPEE 17 2349
	2008VI11	NUCLEAR REACTIONS ^{191}Ir, ^{197}Au(γ, n), E=12.12.5 MeV; ^{197}Au(d, p), E=4.5 MeV; measured Eγ, Iγ, Isomeric ratios. JOUR BRSPE 72 1577

A=198 ***(continued)***

	2008VIZZ	NUCLEAR REACTIONS Au(d, 2n), (n, 2n), (d, p), Ed=4.5-7.5 MeV, En=14.6 MeV; measured Eγ, Iγ, γγ-, xγ-coin; ^{197}Hg, ^{196,198}Au; deduced isomer yield ratios. CONF Moscow,P132,Vishnevsky
	2009DI04	NUCLEAR REACTIONS ^{40}Ca(n, γ), E<106 keV; measured σ, σ(E) using activation technique and accelerator mass spectrometry; deduced Maxwellian averaged cross sections. Neutrons from ^{7}Li(p, n)^{7}Be reaction at E(p)=1912 keV. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Comparison with previous experimental data and theoretical predictions. JOUR PRVCA 79 065805
	2009MA35	NUCLEAR REACTIONS ^{74,76}Ge, ^{75}As(n, γ), E<106 keV; measured Eγ, Iγ, σ; deduced Maxwellian averaged σ for thermal energies from 5 to 100 keV. Neutrons from ^{7}Li(p, n), E=1912 keV reaction. ^{197}Au(n, γ), E<106 keV; measured σ and used as a standard. Estimated background contributions for γ-ray studies of double β decay of ^{76}Ge. JOUR PRVCA 79 065802
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{198}Hg	2009BE18	NUCLEAR REACTIONS ^{196}Pt(α, 2n), E=25 MeV; measured Eγ, Iγ, γγ-coin, γγ(θ). ^{198}Hg; deduced levels, J, π, mixing ratios. Comparison with calculations using interacting boson fermion fermion (IBFFA) model and interacting boson (IBA-2) model. JOUR PRVCA 79 054307
^{198}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208

A=198 *(continued)*

^{198}Pb	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{198}Bi	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=199

^{199}Os	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{199}Ir	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

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

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{199}Pt	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{199}Au	2008PE32	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), ^{208}Pb(α, 2n), E=60.3 MeV;^{197}Au(^{6}He, X), ^{198}Pt(d, X), E not given; ^{196,198,199}Au; measured reaction products; deduced excitation functions. JOUR IMPEE 17 2349
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{199}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009LE29	NUCLEAR REACTIONS ^{197}Au(^{8}He, xn), (^{6}He, xn), (α, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E=2.34, 2.51, 3.68 MeV / nucleon; measured x-rays, Eγ, Iγ; deduced σ for fusion, neutron transfer and evaporation residue. JOUR PRLTA 103 232701

A=199 *(continued)*

	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009SH34	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E(cm)<35 MeV; measured x-rays, Eγ, Iγ; deduced fusion and evaporation residue excitation functions, average angular momentum and logarithmic derivatives of the fusion σ, internuclear potentials. JOUR PRLTA 103 232702
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{199}Pb	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009DR03	NUCLEAR REACTIONS ^{164}Er(^{29}Si, 4n), E=20 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons, internal conversion coefficients. ^{189}Pb; deduced levels, J, π, multipolarity, configuration, shear band. ^{189,191,193,195,197,199}Pb; systematics of shears bands, and total residual interaction as a function of occupation probability. Comparisons with empirical shell-model calculations. JOUR PRVCA 79 031302
^{199}Bi	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=200

^{200}Ir	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

A=200 ***(continued)***

	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{200}Pt	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009PO02	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{200}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009LE29	NUCLEAR REACTIONS ^{197}Au(^{8}He, xn), (^{6}He, xn), (α, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E=2.34, 2.51, 3.68 MeV / nucleon; measured x-rays, Eγ, Iγ; deduced σ for fusion, neutron transfer and evaporation residue. JOUR PRLTA 103 232701
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617

A=200 ***(continued)***

	2009SH34	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E(cm)<35 MeV; measured x-rays, Eγ, Iγ; deduced fusion and evaporation residue excitation functions, average angular momentum and logarithmic derivatives of the fusion σ, internuclear potentials. JOUR PRLTA 103 232702
	2009SI28	NUCLEAR REACTIONS ^{197}Au, ^{181}Ta, ^{93}Nb(α, n), ^{197}Au, ^{181}Ta(α, 2n), ^{181}Ta(α, 3n), ^{197}Au(α, 2pn), ^{93}Nb(α, 2p), ^{197}Au, ^{93}Nb(α, αn), ^{27}Al(α, α2pn), E=18-60 MeV; measured Eα, Iα, Eγ, Iγ; deduced σ. Comparison with STAPRE, ALICE-91 and COMPLET codes. JOUR CJPHA 87 1037
	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{200}Pb	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{200}Bi	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=201

^{201}Ir	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

A=201 ***(continued)***

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{201}Pt	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{201}Au	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{201}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009LE05	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, X)^{201}Tl / ^{202}Tl, E=20-45 MeV; measured Eγ, Iγ, X-ray spectra, (X-ray)γ-coin, evaporation residue cross sections. JOUR NIMAE 598 445
	2009LE29	NUCLEAR REACTIONS ^{197}Au(^{8}He, xn), (^{6}He, xn), (α, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E=2.34, 2.51, 3.68 MeV / nucleon; measured x-rays, Eγ, Iγ; deduced σ for fusion, neutron transfer and evaporation residue. JOUR PRLTA 103 232701
	2009SH34	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E(cm)<35 MeV; measured x-rays, Eγ, Iγ; deduced fusion and evaporation residue excitation functions, average angular momentum and logarithmic derivatives of the fusion σ, internuclear potentials. JOUR PRLTA 103 232702

A=201 ***(continued)***

	2009SK02	NUCLEAR REACTIONS Pt(^{6}Li, X), E=22.5-42.5 MeV; ^{196,197,198,199,200,201}Tl;^{194,196,198,199}Au; Measured Eγ, Iγ, σ. Compared results to model calculations using ALICE-MP, EMPIRE-II codes. JOUR PPNLA 6 208
^{201}Pb	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{201}Bi	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=202

^{202}Ir	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{202}Pt	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

A=202 ***(continued)***

	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009P002	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X), E=1 GeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, $\gamma\gamma$(t), half-lives. ^{198}Os; deduced levels, J, π, configuration. ^{198}Os; calculated potential-energy surfaces using Woods-Saxon-Strutinsky formalism. Comparison of ^{198}Os and ^{202}Pt level schemes. ^{186,188,190,192,194,196,198}Os, ^{188,190,192,194,196,198,200,202}Pt; level systematics. JOUR PRVCA 79 031305
^{202}Au	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{202}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009LE05	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, X)^{201}Tl / ^{202}Tl, E=20-45 MeV; measured Eγ, Iγ, X-ray spectra, (X-ray)γ-coin, evaporation residue cross sections. JOUR NIMAE 598 445
	2009LE29	NUCLEAR REACTIONS ^{197}Au(^{8}He, xn), (^{6}He, xn), (α, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E=2.34, 2.51, 3.68 MeV / nucleon; measured x-rays, Eγ, Iγ; deduced σ for fusion, neutron transfer and evaporation residue. JOUR PRLTA 103 232701
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009SH34	NUCLEAR REACTIONS ^{198}Pt(^{6}Li, xn)^{199}Tl / ^{200}Tl / ^{201}Tl / ^{202}Tl, E(cm)<35 MeV; measured x-rays, Eγ, Iγ; deduced fusion and evaporation residue excitation functions, average angular momentum and logarithmic derivatives of the fusion σ, internuclear potentials. JOUR PRLTA 103 232702

A=202 ***(continued)***

^{202}Pb	2009SE10	NUCLEAR REACTIONS ^{204}Pb(n, n'γ), (n, 2n), (n, 3n)^{202m}Pb / ^{203}Pb / ^{203m}Pb / ^{204m}Pb, E=14-21 MeV; ^{206}Pb(n, 3n), (n, α)^{203}Hg / ^{204m}Pb, E=14-21 MeV; ^{208}Pb(n, p)^{208}Tl, E=14-21 MeV; measured Eγ, Iγ and σ. Comparison with TALYS and STAPRE model calculations. JOUR PRVCA 80 024610
^{202}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov
	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{202}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=203

^{203}Ir	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{203}Pt	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

A=203 ***(continued)***

	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{203}Au	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{203}Hg	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
	2009SE10	NUCLEAR REACTIONS ^{204}Pb(n, n'γ), (n, 2n), (n, 3n)^{202m}Pb / ^{203}Pb / ^{203m}Pb / ^{204m}Pb, E=14-21 MeV; ^{206}Pb(n, 3n), (n, α)^{203}Hg / ^{204m}Pb, E=14-21 MeV; ^{208}Pb(n, p)^{208}Tl, E=14-21 MeV; measured Eγ, Iγ and σ. Comparison with TALYS and STAPRE model calculations. JOUR PRVCA 80 024610
^{203}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
^{203}Pb	2009SE10	NUCLEAR REACTIONS ^{204}Pb(n, n'γ), (n, 2n), (n, 3n)^{202m}Pb / ^{203}Pb / ^{203m}Pb / ^{204m}Pb, E=14-21 MeV; ^{206}Pb(n, 3n), (n, α)^{203}Hg / ^{204m}Pb, E=14-21 MeV; ^{208}Pb(n, p)^{208}Tl, E=14-21 MeV; measured Eγ, Iγ and σ. Comparison with TALYS and STAPRE model calculations. JOUR PRVCA 80 024610
^{203}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov

A=203 ***(continued)***

2009TI09 NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48

A=204

^{204}Pt

2008ST20 NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302

2008STZY NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

2009MO17 RADIOACTIVITY ^{204}Pt(β^-); measured delayed $\beta\gamma$-coin., Eγ, Iγ. deduced $T_{1/2}$. JOUR APOBB 40 867

2009ST16 NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002

^{204}Au

2008STZY NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

2009MO17 RADIOACTIVITY ^{204}Pt(β^-); measured delayed $\beta\gamma$-coin., Eγ, Iγ. deduced $T_{1/2}$. JOUR APOBB 40 867

A=204 ***(continued)***

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{204}Hg	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{204}Tl	2009ERZZ	NUCLEAR REACTIONS ^{203,205}Tl(γ, n), (γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), ^{205}Tl(γ, np), E < 67.7 MeV; measured Eγ, Iγ of residuals, σ integrated. Activation technique. CONF Cheboksary,P135,Ermakov
^{204}Pb	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009SE10	NUCLEAR REACTIONS ^{204}Pb(n, n'γ), (n, 2n), (n, 3n)^{202m}Pb / ^{203}Pb / ^{203m}Pb / ^{204m}Pb, E=14-21 MeV; ^{206}Pb(n, 3n), (n, α)^{203}Hg / ^{204m}Pb, E=14-21 MeV; ^{208}Pb(n, p)^{208}Tl, E=14-21 MeV; measured Eγ, Iγ and σ. Comparison with TALYS and STAPRE model calculations. JOUR PRVCA 80 024610
^{204}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48

A=204 *(continued)*

^{204}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=205

^{205}Au	2008ST20	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{194}Re / ^{195}Re / ^{196}Re / ^{196}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{205}Au, E=1 GeV / nucleon; measured Eγ, Iγ, half-lives, B(E2), B(E3). ^{204}Pt; deduced levels, J, π. Comparisons with ^{206}Hg and shell model calculations. JOUR PRVCA 78 061302
	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
	2009PO01	NUCLEAR REACTIONS Be(^{208}Pb, ^{205}Au), E=1 GeV / nucleon; measured delayed charged-particle, γ spectra, (fragment)γ-, (fragment)(charged-particle)-coin. ^{205}Au deduced levels, J, π, $T_{1/2}$, configurations, B(M4) upper limit. Comparison with shell-model. JOUR PYLBB 672 116
	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{205}Hg	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey

A=205 ***(continued)***

	2009ST16	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{189}Ta;^{9}Be(^{208}Pb, X)^{191}W;^{9}Be(^{208}Pb, X)^{193}Os;^{9}Be(^{208}Pb, X)^{197}Os;^{9}Be(^{208}Pb, X)^{198}Os;^{9}Be(^{208}Pb, X)^{199}Os;^{9}Be(^{208}Pb, X)^{196}Re;^{9}Be(^{208}Pb, X)^{195}Ir;^{9}Be(^{208}Pb, X)^{199}Ir;^{9}Be(^{208}Pb, X)^{200}Ir;^{9}Be(^{208}Pb, X)^{201}Ir;^{9}Be(^{208}Pb, X)^{202}Ir;^{9}Be(^{208}Pb, X)^{203}Ir;^{9}Be(^{208}Pb, X)^{197}Pt;^{9}Be(^{208}Pb, X)^{199}Pt;^{9}Be(^{208}Pb, X)^{203}Pt;^{9}Be(^{208}Pb, X)^{204}Pt;^{9}Be(^{208}Pb, X)^{201}Au;^{9}Be(^{208}Pb, X)^{202}Au;^{9}Be(^{208}Pb, X)^{204}Au;^{9}Be(^{208}Pb, X)^{205}Au;^{9}Be(^{208}Pb, X)^{204}Hg;^{9}Be(^{208}Pb, X)^{205}Hg, E=1 GeV / nucleon; measured delayed Iγ, Eγ, isomer decay. JOUR IMPEE 18 1002
^{205}Tl	2009VA06	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, ^{50}Ca), (^{48}Ca, ^{51}Sc), E=310 MeV; measured Eγ, Iγ, half-lives for first excited states using DSAM. ^{50}Ca, ^{51}Sc; deduced B(E2). JOUR PRLTA 102 242502
^{205}Pb	2009SY01	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=38 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced spin distributions, level densities, entropies, temperature, γ-ray strength functions. Comparison of E1 and M1 strengths with Standard Lorentzian and enhanced generalized Lorentzian models. JOUR PRVCA 79 024316
^{205}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov
	2009NA36	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=50, 65 MeV bremsstrahlung; measured fission yields; ^{209}Bi(γ, 3n), (γ, 4n), E=50, 65 MeV bremsstrahlung; measured Eγ, Iγ, σ. Comparison with other data and TALYS code. JOUR ZAANE 41 323
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{205}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{205}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

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^{206}Hg	2008STZY	NUCLEAR REACTIONS ^{9}Be(^{208}Pb, X)^{195}Ir / ^{198}Ir / ^{199}Ir / ^{200}Ir / ^{201}Ir / ^{202}Ir / ^{203}Ir / ^{197}Pt / ^{198}Pt / ^{199}Pt / ^{200}Pt / ^{201}Pt / ^{202}Pt / ^{203}Pt / ^{204}Pt / ^{201}Au / ^{202}Au / ^{203}Au / ^{204}Au / ^{205}Au / ^{193}Os / ^{195}Os / ^{197}Os / ^{198}Os / ^{199}Os / ^{190}W / ^{191}W / ^{203}Hg / ^{204}Hg / ^{205}Hg / ^{206}Hg / ^{191}Re / ^{192}Re / ^{193}Re / ^{194}Re / ^{196}Re / ^{188}Ta / ^{189}Ta; measured Eγ, Iγ; Deduced levels, J, π. THESIS S J Steer, University of Surrey
^{206}Pb	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009PI14	NUCLEAR REACTIONS ^{208}Pb(polarized γ, γ'), E=5.5, 5.6 MeV; measured Eγ, Iγ using the azimuthal nuclear resonance fluorescence intensity asymmetry technique. ^{206,207,208}Pb; deduced levels, J, π. JOUR PYLBB 681 134
	2009SY01	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=38 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced spin distributions, level densities, entropies, temperature, γ-ray strength functions. Comparison of E1 and M1 strengths with Standard Lorentzian and enhanced generalized Lorentzian models. JOUR PRVCA 79 024316
	2009VA06	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, ^{50}Ca), (^{48}Ca, ^{51}Sc), E=310 MeV; measured Eγ, Iγ, half-lives for first excited states using DSAM. ^{50}Ca, ^{51}Sc; deduced B(E2). JOUR PRLTA 102 242502
^{206}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov
	2009NA36	NUCLEAR REACTIONS ^{209}Bi(γ, F), E=50, 65 MeV bremsstrahlung; measured fission yields; ^{209}Bi(γ, 3n), (γ, 4n), E=50, 65 MeV bremsstrahlung; measured Eγ, Iγ, σ. Comparison with other data and TALYS code. JOUR ZAANE 41 323
	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{206}Po	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{206}At	2009DR08	NUCLEAR REACTIONS ^{197}Au(^{16}O, 5n), (^{16}O, 3nα), E=95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), conversion electrons, $T_{1/2}$ using the CAESAR array. ^{208}Fr; deduced levels, J, π, $T_{1/2}$, B(E1), multipolarities, conversion coefficients, configurations. ^{206}At; deduced levels, J, π, $T_{1/2}$, B(E1), configurations. JOUR ZAANE 40 127

A=206 ***(continued)***

^{206}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{206}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

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^{207}Tl	2009NA09	NUCLEAR REACTIONS ^{208}Pb(α, α'p), E=400 MeV; measured Eα, Iα, decay proton spectra, σ(E, θ); calculated $\sigma(\theta)$ via DWBA; deduced ISGDR proton-decay branching ratio. Comparison with continuum RPA calculations. JOUR PYLBB 674 281
^{207}Pb	2009PI14	NUCLEAR REACTIONS ^{208}Pb(polarized γ, γ'), E=5.5, 5.6 MeV; measured Eγ, Iγ using the azimuthal nuclear resonance fluorescence intensity asymmetry technique. ^{206,207,208}Pb; deduced levels, J, π. JOUR PYLBB 681 134
	2009SY01	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=38 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced spin distributions, level densities, entropies, temperature, γ-ray strength functions. Comparison of E1 and M1 strengths with Standard Lorentzian and enhanced generalized Lorentzian models. JOUR PRVCA 79 024316
^{207}Bi	2008ERZY	NUCLEAR REACTIONS ^{209}Bi(γ, 2n), (γ, 3n), (γ, 4n), (γ, 5n), (γ, 6n), (γ, 7n), E<67.7 MeV; measured Eγ, Iγ of residuals; deduced σ integrated yields.Activation technique. CONF Moscow,P125,Ermakov
^{207}Po	2009TI09	NUCLEAR REACTIONS ^{59}Co, ^{197}Au, ^{181}Ta, ^{64}Zn(n, γ), ^{59}Co, ^{27}Al, ^{181}Ta, ^{115}In, ^{64}Zn, ^{65}Cu, ^{115}In(n, n'), Pb(p, xn)^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi, In(p, xn)^{113}Sn, ^{59}Co, ^{209}Bi(p, 3n), ^{63}Cu(p, 2n), ^{209}Bi, ^{169}Tm, ^{93}Nb, ^{65}Cu(p, 4n), E=0.8 GeV; measured Eγ, Iγ; deduced reaction rates, proton, neutron spectra, neutron flux. Comparison with LAHET code results. JOUR AENGA 107 48
^{207}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{207}Ra	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

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^{208}Hg	2009AL15	RADIOACTIVITY ^{208}Hg, ^{209}Tl(IT); measured Eγ, Iγ, isomeric states.Comparison with shell model calculation. JOUR APOBB 40 871
	2009CH08	ATOMIC MASSES ^{208}Hg; measured atomic mass using time resolved Schottky mass spectrometry. JOUR PRLTA 102 122503
^{208}Tl	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009SE10	NUCLEAR REACTIONS ^{204}Pb(n, n'γ), (n, 2n), (n, 3n)^{202m}Pb / ^{203}Pb / ^{203m}Pb / ^{204m}Pb, E=14-21 MeV; ^{206}Pb(n, 3n), (n, α)^{203}Hg / ^{204m}Pb, E=14-21 MeV; ^{208}Pb(n, p)^{208}Tl, E=14-21 MeV; measured Eγ, Iγ and σ. Comparison with TALYS and STAPRE model calculations. JOUR PRVCA 80 024610
^{208}Pb	2007MIZM	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{76}Ge, ^{76}Ge'), E not given; measured E(particle), I(particle) at backward angles; deduced quasielastic σ. REPT JAEA-Review 2007-046,P53,Mitsuoko
	2007TOZV	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E not given; measured Eγ, Iγ, E(particle), I(particle), particle-γ-coin. Coulomb dissociation, nuclear astrophysics. REPT RIKEN 2006 Annual,P14,Togano
	2008MOZY	RADIOACTIVITY ^{212}Po(α) [from ^{228}Th decay]; measured $T_{1/2}$. CONF Moscow,P55,Morozov
	2008SH23	NUCLEAR REACTIONS ^{208}Pb(polarized γ, γ), E=7.0-7.4 MeV; measured Eγ, Iγ, angular distributions, azimuthal asymmetry, B(M1), B(E1), widths. ^{208}Pb; deduced levels, J, π. JOUR PRVCA 78 061303
	2008TOZW	NUCLEAR REACTIONS ^{208}Pb(^{100}Ru, ^{100}Ru'), E=440 MeV; measured Coulomb excitation, Eγ, Iγ. REPT JAEA-Review 2008-054,P29,Toh
	2008TOZX	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E not given; measured Eγ, Iγ; deduced σ for ^{26}Si(p, γ). REPT RIKEN 2007 Annual,P7,Togano
	2008VOZX	NUCLEAR REACTIONS ^{112,120}Sn(γ, γ'), E < 9.5 MeV; measured Eγ, Iγ; deduced B(E1) distribution. ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip; deduced B(E1) distribution. CONF Cappadocia (Nuclear Physics and Astrophysics),P124,von Neumann-Co
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009EL03	NUCLEAR REACTIONS ^{208}Pb(^{20}C, ^{20}C'), E=37.6 MeV / nucleon; ^{1}H(^{20}C, ^{20}C'), E=41.4 MeV / nucleon; measured Eγ, Iγ. ^{20}C; deduced levels, J, π, charge and neutron transition probabilities, B(E2). Comparison with shell model calculations. JOUR PRVCA 79 011302
	2009GI06	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured reaction fragments, Eγ, Iγ; deduced $\sigma(\theta)$, B(E1), B(E2). Secondary beam from ^{40}Ar fragmentation. JOUR IMPEE 18 2050
	2009GIZZ	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured fragment spectra. ^{26}Ne; deduced level energies, B(E1). REPT RIKEN-NC-NP-29,Gibelin

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	2009LI23	NUCLEAR REACTIONS ^{152,154}Sm, ^{184}W, ^{196}Pt, ^{208}Pb(^{16}O, ^{16}O), E=36-80 MeV; measured particle spectra, σ as a function of beam energy; deduced diffuseness parameters using single-channel and coupled-channels calculations. JOUR PRVCA 79 064603
	2009MAZW	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), E=85 MeV; measured E(particle), I(particle); deduced σ. Given comparison of experimental data of elastic scattering σ for nuclei from ^{4}He to ^{19}F on ^{208}Pb and ^{209}Bi in reduced variables. CONF Tokai (Perspective in Nuc Phys), Proc.P21,Mazzocco
	2009MIZZ	NUCLEAR REACTIONS ^{208}Pb(^{48}Ti, ^{48}Ti'), E(cm)≈175-205 MeV;^{208}Pb(^{54}Cr, ^{54}Cr'), E(cm)≈188-230 MeV;^{208}Pb(^{56}Fe, ^{56}Fe'), E(cm)≈215-240 MeV;^{208}Pb(^{64}Ni, ^{64}Ni'), E(cm)≈220-255 MeV;^{208}Pb(^{70}Zn, ^{70}Zn'), E(cm)≈235-265 MeV;^{208}Pb(^{86}Kr, ^{86}Kr'), E not given; measured yields, fragment spectra; deduced fission barrier heights; calculated dσ, barrier distributions using CC (code CCFULL-SC) with quadrupole and octupole phonon excitations and different potentials. CONF Tokai (Perspective in Nuc Phys), Proc.P15,Mitsuoka
	2009PI14	NUCLEAR REACTIONS ^{208}Pb(polarized γ, γ'), E=5.5, 5.6 MeV; measured Eγ, Iγ using the azimuthal nuclear resonance fluorescence intensity asymmetry technique. ^{206,207,208}Pb; deduced levels, J, π. JOUR PYLBB 681 134
	2009SH19	NUCLEAR REACTIONS ^{58}Ni, ^{89}Y, ^{90}Zr, ^{120}Sn, ^{142}Nd, ^{166}Er, ^{208}Pb(p, p'), E=200 MeV; measured proton spectra, angular distributions; deduced isoscalar giant quadrupole resonance (ISGQR) and associated E2 strength functions. Wavelet analysis. Comparisons with quasiparticle-phonon model (QPM), extended time-dependent Hartree-Fock method (ETDHF), random-phase approximation (RPA) and extended theory of finite Fermi systems (ETFFS). JOUR PRVCA 79 044305
	2009SY01	NUCLEAR REACTIONS ^{206,208}Pb(^{3}He, ^{3}He'γ), (^{3}He, $\alpha\gamma$), E=38 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced spin distributions, level densities, entropies, temperature, γ-ray strength functions. Comparison of E1 and M1 strengths with Standard Lorentzian and enhanced generalized Lorentzian models. JOUR PRVCA 79 024316
	2009TA13	NUCLEAR REACTIONS ^{12}C, ^{26}Mg, ^{28}Si, ^{48}Ca, ^{58,64}Ni, ^{208}Pb(p, p'), E=295 MeV; measured Ep, Ip, $\sigma(\theta)$; deduced level energies. Systematic study of M1 and E1 excitations. JOUR NIMAE 605 326
	2009ZI01	NUCLEAR REACTIONS ^{109}Ag(^{44}Ar, ^{44}Ar'), E=2.68 MeV / nucleon; ^{208}Pb(^{44}Ar, ^{44}Ar'), E=3.68 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, γ yields. ^{44}Ar; deduced levels, B(E2) matrix elements, spectroscopic quadrupole moments. Comparisons with experimental data for neighboring A=42-46 Ar, S and Si nuclides and GCM(GOA), AMPGCM, and Shell model calculations. JOUR PRVCA 80 014317
^{208}Po	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

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	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
^{208}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{208}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009DR08	NUCLEAR REACTIONS ^{197}Au(^{16}O, 5n), (^{16}O, 3nα), E=95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), conversion electrons, $T_{1/2}$ using the CAESAR array. ^{208}Fr; deduced levels, J, π, $T_{1/2}$, B(E1), multipolarities, conversion coefficients, configurations. ^{206}At; deduced levels, J, π, $T_{1/2}$, B(E1), configurations. JOUR ZAANE 40 127

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^{209}Tl	2009AL15	RADIOACTIVITY ^{208}Hg, ^{209}Tl(IT); measured Eγ, Iγ, isomeric states.Comparison with shell model calculation. JOUR APOBB 40 871
^{209}Pb	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{209}Bi	2007MAYX	NUCLEAR REACTIONS ^{209}Bi(^{6}He, ^{6}He), E=19, 22.5 MeV; measured E(particle), I(particle); deduced $\sigma(\theta)$; calculated $\sigma(\theta)$ using four-body extension to continuum-discretized coupled channel method. Four-body contribution necessary. REPT RIKEN 2006 Annual,P43,Matsumoto
	2007MIZM	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{76}Ge, ^{76}Ge'), E not given; measured E(particle), I(particle) at backward angles; deduced quasielastic σ. REPT JAEA-Review 2007-046,P53,Mitsuoko
^{209}Po	2009NI05	NUCLEAR REACTIONS ^{209}Bi(d, 2n), E=13 MeV; measured Eγ, time-differential perturbed angular distributions (TDPAD), half-lives. ^{209}Po; deduced spectroscopic electric quadrupole moments. JOUR PRVCA 79 044314
	2009NI05	NUCLEAR MOMENTS ^{209}Po; measured electric quadrupole moments by TDPAD technique. JOUR PRVCA 79 044314
^{209}At	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1

A=209 ***(continued)***

	2009BA28	RADIOACTIVITY ^{209,210,211}At, ^{213}Rn(IT); measured Eγ, Iγ. JOUR APOBB 40 889
^{209}Rn	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
^{209}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2008XU09	RADIOACTIVITY ^{153}Er, ^{157}Yb, ^{209}Fr, ^{128}Ce, ^{130}Ce, ^{128}Pr, ^{130}Pm, ^{140}Tb(β^+EC); measured x-rays, Eγ, Iγ, xγ-coin., x$\gamma\gamma$-coin.; deduced J, π, level energies. JOUR IMPEE 17 S01 1
	2009DR04	NUCLEAR REACTIONS ^{197}Au(^{16}O, 4n), E=88-95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), conversion electrons, half-lives. ^{209}Fr; deduced levels, J, π, isomers, multipolarities, internal conversion coefficients, transition strengths, configurations. ^{209,211,213}Fr; systematics of yrast states. Comparison with shell-model predictions. JOUR PRVCA 79 054313
^{209}Ra	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

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^{210}Pb	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes

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

^{210}Bi	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
^{210}Po	2008PE32	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), ^{208}Pb(α, 2n), E=60.3 MeV;^{197}Au(^{6}He, X), ^{198}Pt(d, X), E not given; ^{196,198,199}Au; measured reaction products; deduced excitation functions. JOUR IMPEE 17 2349
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009LU02	NUCLEAR REACTIONS ^{206}Pb(^{6}He, 2n), E=12-28 MeV; ^{208}Pb(^{4}He, 2n), E=12-28 MeV; measured σ. Comparison with statistical and sequential fusion models. JOUR PYLBB 670 321
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
^{210}At	2009BA28	RADIOACTIVITY ^{209,210,211}At, ^{213}Rn(IT); measured Eγ, Iγ. JOUR APOBB 40 889
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605

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

^{210}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
^{210}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=211

^{211}Po	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009SA26	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, α), E=36, 40 MeV; measured Eα, Iα, Ed, Id, (charged-particle)(charged-particle)-coin, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled-channel calculations. JOUR PYLBB 677 139
^{211}At	2009AG10	NUCLEAR REACTIONS ^{208}Pb(^{8}Li, 4n), (^{8}Li, 5n), E(cm)=32.1, 33.0, 33.9, 34.8, 35.7, 36.6, 37.5 MeV; ^{212}At, ^{211}At; measured α spectra, fusion-evaporation σ, and excitation functions. Pulsed beam. Comparison with barrier-potential model (BPM) calculations. JOUR PRVCA 80 044605
	2009BA28	RADIOACTIVITY ^{209,210,211}At, ^{213}Rn(IT); measured Eγ, Iγ. JOUR APOBB 40 889
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605

A=211 ***(continued)***

^{211}Rn	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009GH04	NUCLEAR REACTIONS ^{232}Th(^{14}N, X)^{246}Bk, E(cm)=77.3 MeV; ^{235}U(^{11}B, X)^{246}Bk, E not given; measured mass and velocity distribution of fission fragments from the decay of compound nucleus ^{246}Bk near and above the Coulomb barrier. ^{197}Au(^{14}N, X)^{211}Rn, E not given; measured mass distribution of fission fragments from compound nucleus and used as a reference for reactions producing ^{246}Bk compound nucleus. JOUR PRVCA 79 054607
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
^{211}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009DR04	NUCLEAR REACTIONS ^{197}Au(^{16}O, 4n), E=88-95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), conversion electrons, half-lives. ^{209}Fr; deduced levels, J, π, isomers, multipolarities, internal conversion coefficients, transition strengths, configurations. ^{209,211,213}Fr; systematics of yrast states. Comparison with shell-model predictions. JOUR PRVCA 79 054313
^{211}Th	2008LA14	ATOMIC MASSES ^{211,213,217,218}Th; measured mass of Th sample to determine existence of long-lived isomers, upper limits of existence of isomers. JOUR PRVCA 78 064313
	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

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^{212}Pb	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{212}Bi	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{212}Po	2008MOZY	RADIOACTIVITY ^{212}Po(α) [from ^{228}Th decay]; measured $T_{1/2}$. CONF Moscow,P55,Morozov
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{212}At	2009AG10	NUCLEAR REACTIONS ^{208}Pb(^{8}Li, 4n), (^{8}Li, 5n), E(cm)=32.1, 33.0, 33.9, 34.8, 35.7, 36.6, 37.5 MeV; ^{212}At, ^{211}At; measured α spectra, fusion-evaporation σ, and excitation functions. Pulsed beam. Comparison with barrier-potential model (BPM) calculations. JOUR PRVCA 80 044605
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
^{212}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

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

	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009PE01	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, 3n), (^{6}Li, 4n), (^{6}Li, 5n), (^{6}Li, 6n), ^{198,196,195}Pt(^{6}Li, 5n), ^{198,196,195,194}Pt(^{6}Li, 4n), ^{196,195,194}Pt(^{6}Li, 3n), ^{198}Pt(^{6}Li, 2n), E < 55 MeV; measured Eα, Iα, fusion evaporation excitation functions. Compared results to model calculations. JOUR JPGPE 36 025104
	2009PE19	NUCLEAR REACTIONS ^{209}Bi(^{6}Li, xn)^{210}Rn / ^{211}Rn / ^{212}Rn, ^{209}Bi(^{6}Li, X)^{208}Po / ^{210}Po, Pt(^{6}Li, xn)^{200}Tl, ^{198}Pt(^{6}Li, X)^{199}Au, ^{197}Au(^{6}He, xn), ^{206}Pb(^{6}He, 2n)^{210}Po, E=55 MeV; measured reaction products, Eγ, Iγ; deduced σ. JOUR PANUE 72 1617
^{212}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=213

^{213}Bi	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{213}Po	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313

A=213 ***(continued)***

^{213}At	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
^{213}Rn	2009BA28	RADIOACTIVITY ^{209,210,211}At, ^{213}Rn(IT); measured Eγ, Iγ. JOUR APOBB 40 889
	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
^{213}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2008HE19	NUCLEAR REACTIONS ^{206}Pb(^{25}Mg, X)^{214}Ra / ^{213}Fr, E=5.9, 8.7 MeV / nucleon; measured reaction product velocity distributions; deduced fusion-evaporation and quasi-fission reaction mechanisms. JOUR IMPEE 17 2231
	2009DR04	NUCLEAR REACTIONS ^{197}Au(^{16}O, 4n), E=88-95 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), conversion electrons, half-lives. ^{209}Fr; deduced levels, J, π, isomers, multipolarities, internal conversion coefficients, transition strengths, configurations. ^{209,211,213}Fr; systematics of yrast states. Comparison with shell-model predictions. JOUR PRVCA 79 054313

A=213 *(continued)*

^{213}Ra	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner
^{213}Th	2008LA14	ATOMIC MASSES ^{211,213,217,218}Th; measured mass of Th sample to determine existence of long-lived isomers, upper limits of existence of isomers. JOUR PRVCA 78 064313
	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

A=214

^{214}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{214}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{214}Ra	2008HE19	NUCLEAR REACTIONS ^{206}Pb(^{25}Mg, X)^{214}Ra / ^{213}Fr, E=5.9, 8.7 MeV / nucleon; measured reaction product velocity distributions; deduced fusion-evaporation and quasi-fission reaction mechanisms. JOUR IMPEE 17 2231

A=214 ***(continued)***

2009GA07 NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605

2009LAZV RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

A=215

^{215}Fr 2008HA39 NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

2009AP03 NUCLEAR REACTIONS ^{197}Au(^{18}O, X)^{215}Fr, E=77.7-96.7 MeV; ^{204}Pb(^{11}B, X)^{215}Fr, E=51.5-63.5 MeV; measured fission fragment angular distributions and anisotropies of the ^{215}Fr compound nucleus; deduced fission excitation functions, fusion barrier distributions. Comparison with standard saddle-point statistical model (SSPSM) calculations. JOUR PRVCA 80 024603

^{215}Ra 2009GA07 NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605

A=216

^{216}Po	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{216}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{216}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{216}Ra	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605

A=217

^{217}At	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{217}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=217 ***(continued)***

^{217}Ra	2009GA07	NUCLEAR REACTIONS ^{209}Bi(^{10}B, X), (^{11}B, X)^{209}Rn / ^{210}Rn / ^{211}Rn / ^{212}Rn / ^{213}Rn / ^{213}Ra / ^{214}Ra / ^{215}Ra / ^{216}Ra / ^{217}Ra / ^{210}Po / ^{211}Po / ^{210}At / ^{211}At / ^{212}At / ^{213}At / , E(cm)=52-72 MeV; measured Eα, σ, complete fusion cross section, fission σ, summed σ for (xn), summed σ for (pxn), summed σ for (xn), summed σ for (αxn), summed σ for (xn); deduced complete fusion suppression factors and approximate fraction of incomplete fusion as a function of breakup threshold. Comparisons with cross sections for ^{186}W(^{30}Si, X) reaction. ^{209}Bi(^{10}B, X), (^{11}B, X), E=5-7.5 MeV / nucleon; ^{209}Bi(^{7}Li, X), (^{6}Li, X), E=3.9-7.5 MeV / nucleon; ^{209}Bi(α, X), E=7.5-9.3 MeV / nucleon; deduced empirical fission probabilities. Single-barrier penetration model (SBPM) calculations using Sao Paulo potential of fusion process without breakup, and statistical model calculations. JOUR PRVCA 79 034605
^{217}Th	2008LA14	ATOMIC MASSES ^{211,213,217,218}Th; measured mass of Th sample to determine existence of long-lived isomers, upper limits of existence of isomers. JOUR PRVCA 78 064313
	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

A=218

^{218}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{218}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{218}Th	2008LA14	ATOMIC MASSES ^{211,213,217,218}Th; measured mass of Th sample to determine existence of long-lived isomers, upper limits of existence of isomers. JOUR PRVCA 78 064313
	2009LAZV	RADIOACTIVITY ^{211,213,217,218}Th(α); measured yields using time-of-flight spectrometer. Search for long-lived K-isomeric transitions; only upper limit given. REPT MLL 2008 Annual,P27,Lachner

A=219

^{219}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{219}Th	2009RE09	NUCLEAR REACTIONS ^{198}Pt(^{26}Mg, 5n), E=128 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma$(linear pol). ^{219}Th; deduced levels, J, π, bands and Quadrupole-octupole collectivity. Comparison with level structure of ^{217}Ra. JOUR PRVCA 80 011304

A=220

^{220}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{220}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=221

^{221}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313

A=222

^{222}Rn	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
^{222}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=223

^{223}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{223}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319

A=224

^{224}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{224}Fr	2008HA39	NUCLEAR REACTIONS ^{181}Ta(^{30}Si, X), E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.^{204}At, ^{205,206,207}Fr; deduced levels, J, π, B(M1), B(E2), magnetic rotational bands. ^{202,204,206,208,210,212,214,216,218,220,222}Rn; ^{205,207,209,211,213,215,217,219,221,223}Fr, ^{206,208,210,212,214,216,218,220,222,224}Fr; energy systematics. ^{205}Rn, ^{198,199,200,201,202}Bi, ^{197,198,199,200,201}Pb; systematics of spin and rotational energy. JOUR PRVCA 78 054319
^{224}Ra	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{224}Th	2009LI45	NUCLEAR REACTIONS ^{58}Ni, ^{208}Pb(^{17}F, p), E=10 MeV / nucleon; measured Ep, Ip, (fragment)p-coin, $\sigma(\theta)$ using silicon strip detectors. Comparison with first-order perturbation and dynamical calculations and effect of dynamic polarization discussed. JOUR PYLBB 681 22

A=225

^{225}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{225}Ra	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{225}Ac	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{225}Th	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313

A=226

^{226}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{226}Ra	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes

A=227

^{227}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{227}Ac	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{227}Th	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313

A=228

^{228}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{228}Ra	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira
^{228}Th	2008LEZS	NUCLEAR REACTIONS ^{230,232,234}Th, ^{184,186}W(p, t), E not given; measured Et, It; deduced Q-values. CONF Moscow,P78,Levon
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=229

^{229}Rn	2009NE03	ATOMIC MASSES ^{220,223,224,225,226,227,228,229}Rn; measured masses using ISOLTRAP mass spectrometer. JOUR PRLTA 102 112501
^{229}Th	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
	2009KI14	RADIOACTIVITY ^{233}U(α); measured Eα, Iα. ^{229m}Th; deduced half-life. JOUR PRVCA 80 034315

A=230

^{230}Th	2008LEZS	NUCLEAR REACTIONS ^{230,232,234}Th, ^{184,186}W(p, t), E not given; measured Et, It; deduced Q-values. CONF Moscow,P78,Levon
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009LE03	NUCLEAR REACTIONS ^{232}Th(p, t), E=25 MeV; measured triton spectra, angular distributions. ^{230}Th; deduced levels, J, π, σ. Coupled-channel and Distorted-wave Born approximation (DWBA) analyses. Comparison with interacting boson model and quasiparticle-phonon model calculations. JOUR PRVCA 79 014318
^{230}Pa	2008KOZU	NUCLEAR REACTIONS ^{231}Pa(d, p), ^{231}Pa(d, t), E=22 MeV; measured Ep, Ip, Et, It using polarized d beam and Q3D spectrometer; deduced $\sigma(\theta, J, \pi)$. REPT MLL 2007 Annual,P20,Kotthaus

A=231

^{231}Th	2009GO28	NUCLEAR REACTIONS ^{230}Th(n, f), E=220 keV-25 MeV; ^{231}Th(n, f), E=360 keV-10 MeV; measured fission fragments, σ using surrogate ratio method. Comparison with previous measurements and evaluations. ^{232}Th, ^{236}U(^{3}He, ^{3}He'), (^{3}He, α), E=42 MeV; measured particle spectra, and relative fission decay probability in surrogate reactions. JOUR PRVCA 80 044610
	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{231}Pa	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=232

^{232}Th	2008DEZV	NUCLEAR REACTIONS ^{232}Th(n, n'γ), E=fast; measured Eγ, I$\gamma(\theta)$; ^{232}Th; deduced δ, rotational bands. CONF Moscow,P83,Demidov
	2008LEZS	NUCLEAR REACTIONS ^{230,232,234}Th, ^{184,186}W(p, t), E not given; measured Et, It; deduced Q-values. CONF Moscow,P78,Levon
	2009GO28	NUCLEAR REACTIONS ^{230}Th(n, f), E=220 keV-25 MeV; ^{231}Th(n, f), E=360 keV-10 MeV; measured fission fragments, σ using surrogate ratio method. Comparison with previous measurements and evaluations. ^{232}Th, ^{236}U(^{3}He, ^{3}He'), (^{3}He, α), E=42 MeV; measured particle spectra, and relative fission decay probability in surrogate reactions. JOUR PRVCA 80 044610
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira
^{232}Pa	2008KOZU	NUCLEAR REACTIONS ^{231}Pa(d, p), ^{231}Pa(d, t), E=22 MeV; measured Ep, Ip, Et, It using polarized d beam and Q3D spectrometer; deduced $\sigma(\theta$, J, $\pi)$. REPT MLL 2007 Annual,P20,Kotthaus
^{232}U	2007CSZZ	NUCLEAR REACTIONS ^{231}Pa(^{3}He, dF), E=38.1 MeV; ^{232}U; measured fission fragments; deduced σ(q), fission probability spectrum, triple-humped fission barrier. Comparison with JWKB calculations. REPT ATOMKI 2007 Annual,P32,Csige
	2009CS01	NUCLEAR REACTIONS ^{231}Pa(^{3}He, dF), E=38.1 MeV; measured Ed, (fission)(deuteron)-coin, angular distribution of fission fragments and fission probability. ^{232}U; deduced barrier parameters, hyperdeformed fission resonances, third potential well and rotational band parameters. JOUR PRVCA 80 011301

A=233

^{233}Th	2007CSZY	NUCLEAR REACTIONS ^{232}Th(d, pF), E=13 MeV; ^{233}Th; measured fission fragments; deduced σ(q), fission probability spectrum. Comparison with previous results. REPT ATOMKI 2007 Annual,P33,Csatlos
	2008DE31	RADIOACTIVITY ^{233}Th(β^-); measured Eγ, Iγ, X-rays; deduced ICC, logft. JOUR ARISE 66 1999
	2009IN01	RADIOACTIVITY ^{229m}Th(α); measured Eα, Iα, half-life. Search for 3.5-eV isomer in ^{229}Th populated through nuclear excitation by electronic transition (NEET). ^{229}Th, ^{225}Ac, ^{221}Fr, ^{217}At, ^{213}Po(α); measured Eα. ^{225,227,229,231,233}Th; level systematics. JOUR PRVCA 79 034313
^{233}Pa	2008DE31	RADIOACTIVITY ^{233}Th(β^-); measured Eγ, Iγ, X-rays; deduced ICC, logft. JOUR ARISE 66 1999
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{233}U	2009KI14	RADIOACTIVITY ^{233}U(α); measured Eα, Iα. ^{229m}Th; deduced half-life. JOUR PRVCA 80 034315

A=234

^{234}Th	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira
^{234}Pa	2008NA27	NUCLEAR REACTIONS ^{232}Th(^{6}Li, α), (^{6}Li, d), E=38.0 MeV; measured fission spectra, charged particle spectra. ^{233}Pa(n, F), E=11.5-16.5 MeV; deduced fission σ. Comparison with predictions of EMPIRE code. JOUR PRVCA 78 061602
^{234}U	2007HUZW	NUCLEAR REACTIONS ^{235,238}U(n, 2nγ), E = 6-14 MeV; measured Eγ, γ; deduced partial σ. REPT TUNL-XLVI,P88,Hutcheson
	2008HUZW	NUCLEAR REACTIONS ^{235,238}U(n, n'γ), ^{235,238}U(n, 2nγ), E=5-14MeV; measured Eγ, Iγ using clover and planar HPGe; deduced excitation function.compared with Hauser-Feshbach model (codes GNASH and TALYS). REPT TUNL-XLII,P84,Hutcheson
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=235

^{235}U	2008HUZW	NUCLEAR REACTIONS ^{235,238}U(n, n'γ), ^{235,238}U(n, 2nγ), E=5-14MeV; measured Eγ, Iγ using clover and planar HPGe; deduced excitation function.compared with Hauser-Feshbach model (codes GNASH and TALYS). REPT TUNL-XLII,P84,Hutcheson
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009GO28	NUCLEAR REACTIONS ^{230}Th(n, f), E=220 keV-25 MeV; ^{231}Th(n, f), E=360 keV-10 MeV; measured fission fragments, σ using surrogate ratio method. Comparison with previous measurements and evaluations. ^{232}Th, ^{236}U(^{3}He, ^{3}He'), (^{3}He, α), E=42 MeV; measured particle spectra, and relative fission decay probability in surrogate reactions. JOUR PRVCA 80 044610

A=236

^{236}Th	2007ISZY	NUCLEAR REACTIONS ^{238}U, ^{244}Pu(^{18}O, ^{20}Ne), E not given; measured Eγ, Iγ, E(particle); deduced J, π, rotational bands of ^{236}Th and ^{242}U. REPT JAEA-Review 2007-046,P40,Ishii
^{236}U	2008NA27	NUCLEAR REACTIONS ^{232}Th(^{6}Li, α), (^{6}Li, d), E=38.0 MeV; measured fission spectra, charged particle spectra. ^{233}Pa(n, F), E=11.5-16.5 MeV; deduced fission σ. Comparison with predictions of EMPIRE code. JOUR PRVCA 78 061602
	2009AL13	NUCLEAR REACTIONS ^{235}U(d, pγ), (d, pf), E=21 MeV; measured Eγ, Iγ, proton spectra, fission spectra, σ. Internal surrogate ratio method (ISRM). Model-independent method used for measurement of γ-channel yield. JOUR PRVCA 79 054610
	2009CO02	NUCLEAR REACTIONS ^{239}Pu(n, α), E=0.001 eV-2 MeV; measured neutron spectra, n-γ coin, time-of-flight method. ^{240}Pu; deduced levels, resonance energies. JOUR PRVCA 79 017603
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009GO28	NUCLEAR REACTIONS ^{230}Th(n, f), E=220 keV-25 MeV; ^{231}Th(n, f), E=360 keV-10 MeV; measured fission fragments, σ using surrogate ratio method. Comparison with previous measurements and evaluations. ^{232}Th, ^{236}U(^{3}He, ^{3}He'), (^{3}He, α), E=42 MeV; measured particle spectra, and relative fission decay probability in surrogate reactions. JOUR PRVCA 80 044610

A=237

^{237}U	2007HUZW	NUCLEAR REACTIONS ^{235,238}U(n, 2nγ), E = 6-14 MeV; measured Eγ, γ; deduced partial σ. REPT TUNL-XLVI,P88,Hutcheson

A=237 *(continued)*

	2008HUZW	NUCLEAR REACTIONS ^{235,238}U(n, n'γ), ^{235,238}U(n, 2nγ), E=5-14MeV; measured Eγ, Iγ using clover and planar HPGe; deduced excitation function.compared with Hauser-Feshbach model (codes GNASH and TALYS). REPT TUNL-XLII,P84,Hutcheson
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009HU09	NUCLEAR REACTIONS ^{238}U(n, n'γ), (n, 2nγ), E=5-14 MeV; measured Eγ, yields, σ and excitation functions. Comparison with existing data and calculations using the GNASH and TALYS Hauser-Feshbach statistical-model codes. JOUR PRVCA 80 014603
^{237}Np	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{237}Pu	2008MOZW	NUCLEAR REACTIONS ^{235}U(α, 2n), E not given; measured Iγ, Eγ; deduced ^{237}Pu J, π, isomers, deformation, magic neutron number N=146. REPT MLL 2007 Annual,P22,Morgan

A=238

^{238}U	2008HAZV	NUCLEAR REACTIONS ^{238}U(γ, γ'), E=2.94-4.40 MeV; measured Eγ, Iγ; deduced level properties, resonance widths. REPT TUNL-XLII,P122,Hammond
	2008HUZW	NUCLEAR REACTIONS ^{235,238}U(n, n'γ), ^{235,238}U(n, 2nγ), E=5-14MeV; measured Eγ, Iγ using clover and planar HPGe; deduced excitation function.compared with Hauser-Feshbach model (codes GNASH and TALYS). REPT TUNL-XLII,P84,Hutcheson
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009HU09	NUCLEAR REACTIONS ^{238}U(n, n'γ), (n, 2nγ), E=5-14 MeV; measured Eγ, yields, σ and excitation functions. Comparison with existing data and calculations using the GNASH and TALYS Hauser-Feshbach statistical-model codes. JOUR PRVCA 80 014603
	2009REZZ	RADIOACTIVITY ^{40}K(β^-), ^{137}Cs(β^-), ^{210}Pb(β^-), ^{226}Ra(α), ^{232}Th(α), ^{238}U(α); measured Eγ, Iγ; deduced activities in marine sediments. CONF Brazil (Nuclear Physics 2008) Proc. P156,Reyes
	2009RO21	NUCLEAR REACTIONS ^{238}U(n, n'), E=5-120 eV; measured En, In; deduced 36.68-eV resonance, scattering probability, σ. Comparison with ENDF / B-VII.0 library. JOUR KPSJA 55 1389
	2009SIZZ	RADIOACTIVITY ^{40}K(β^-), ^{238}U(α), ^{232}Th(α); measured Eγ, Iγ; deduced soil natural activities. CONF Brazil (Nuclear Physics 2008) Proc. P153,Silveira

A=238 *(continued)*

^{238}Np	2009HA10	NUCLEAR REACTIONS ^{237}Np(n, γ), E=fast; measured Eγ, Iγ, cross sections using the activation technique. Comparison with evaluated databases. JOUR JNSTA 46 460
^{238}Pu	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=239

^{239}Np	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{239}Pu	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=240

^{240}U	2009LAZW	RADIOACTIVITY ^{244}Pu(α); measured Eα from bastnaesit using time-of-flight spectrometer. Search for possible trace of Pu as primordial actinide; no event attributable to ^{244}Pu found. REPT MLL 2008 Annual,P26,Lachner
^{240}Pu	2009CO02	NUCLEAR REACTIONS ^{239}Pu(n, α), E=0.001 eV-2 MeV; measured neutron spectra, n-γ coin, time-of-flight method. ^{240}Pu; deduced levels, resonance energies. JOUR PRVCA 79 017603
	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
	2009WA04	NUCLEAR REACTIONS ^{240}Pu(^{208}Pb, ^{208}Pb'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{240}Pu; deduced levels, J, π. JOUR PRLTA 102 122501
^{240}Am	2007TOZY	NUCLEAR REACTIONS ^{241}Am(n, 2n), E = 7.6 - 14.5 MeV; measured Eγ, γ, neutron activation; deduced σ. Comparison with evaluated libraries. REPT TUNL-XLVI,P86,Tonchev
	2008TOZY	NUCLEAR REACTIONS ^{241}Am(γ, n), E$\approx$ threshold-16 MeV; measured Iγ, Eγ; deduced σ using activation technique. Compared to GNASH calculation. REPT TUNL-XLII,P124,Tonchev

A=241

^{241}Pu	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{241}Am	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=242

^{242}U	2007ISZY	NUCLEAR REACTIONS ^{238}U, ^{244}Pu(^{18}O, ^{20}Ne), E not given; measured Eγ, Iγ, E(particle); deduced J, π, rotational bands of ^{236}Th and ^{242}U. REPT JAEA-Review 2007-046,P40,Ishii
^{242}Pu	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=243

^{243}Am	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{243}Cm	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{243}Cf	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602

A=244

^{244}Pu	2009LAZW	RADIOACTIVITY ^{244}Pu(α); measured Eα from bastnaesit using time-of-flight spectrometer. Search for possible trace of Pu as primordial actinide; no event attributable to ^{244}Pu found. REPT MLL 2008 Annual,P26,Lachner
^{244}Cm	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605

A=245

^{245}Es	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=246

^{246}Pu	2008MAZ0	NUCLEAR REACTIONS ^{244}Pu(^{18}O, ^{16}O), E=162 MeV; measured E(particle), Eγ, Iγ, particle-γ-coin.; deduced J, π, rotational band in ^{246}Pu. Compared experimental and calculated E(2^+) energies of even-even actinide nuclei. REPT JAEA-Review 2008-054,P36,Makii
^{246}Bk	2009GH04	NUCLEAR REACTIONS ^{232}Th(^{14}N, X)^{246}Bk, E(cm)=77.3 MeV; ^{235}U(^{11}B, X)^{246}Bk, E not given; measured mass and velocity distribution of fission fragments from the decay of compound nucleus ^{246}Bk near and above the Coulomb barrier. ^{197}Au(^{14}N, X)^{211}Rn, E not given; measured mass distribution of fission fragments from compound nucleus and used as a reference for reactions producing ^{246}Bk compound nucleus. JOUR PRVCA 79 054607
^{246}Es	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605

A=247

^{247}Es	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
^{247}Fm	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602

A=248

^{248}Cm	2009RZ01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(lin pol). ^{92,94,96}Sr; deduced levels, J, π, multipolarity, bands, configurations. Comparison with shell-model calculations. JOUR PRVCA 79 024319
	2009UR02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, half-lives. ^{95}Y; deduced levels, J, π, isomers, configurations. Comparisons with shell-model calculations. JOUR PRVCA 79 044304

A=248 *(continued)*

	2009UR03	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{103}Zr; deduced levels, J, π, bands. ^{100,102,104}Zr, ^{142,143,144}Ba; measured Eγ. ^{100,101,102,103,104}Zr; deduced mass correlations in fission of ^{248}Cm. ^{99,101,103}Zr; systematics of neutron configurations. Comparison of ^{103}Zr levels with quasiparticle plus rotor model calculations. JOUR PRVCA 79 067301

A=249

^{249}Cm	2008IS05	NUCLEAR REACTIONS ^{248}Cm(^{16}O, ^{15}O), (^{18}O, ^{17}O), E=162 MeV; ^{248}Cm(^{13}C, ^{12}C), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives, σ. ^{249}Cm; deduced levels, J, π, bands, configurations. JOUR PRVCA 78 054309
	2008ISZY	NUCLEAR REACTIONS ^{248}Cm(^{16}O, x)^{249}Cm, E=162 MeV; ^{248}Cm(^{18}O, x)^{249}Cm, E=162 MeV; ^{248}Cm(^{13}C, x)^{249}Cm, E=120 MeV; measured E(particle), Eγ, I$\gamma\gamma\gamma$-coin.; deduced J, π, (rotational) bands. REPT JAEA-Review 2008-054,P38,Ishii
^{249}Bk	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{249}Fm	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319
^{249}Md	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=250

^{250}Bk	2009SE09	NUCLEAR MOMENTS ^{254}Es, ^{250}Bk; measured magnetic dipole moment using low temperature nuclear orientation (LTNO) and hyperfine fields in an iron host-lattice. Comparison with deformed single-particle model calculations. JOUR PRVCA 79 064322
	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{250}Cf	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{250}Fm	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219

A=250 *(continued)*

	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605
^{250}Md	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605

A=251

^{251}Cf	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{251}Fm	2007ASZU	RADIOACTIVITY ^{255}No(α)[from ^{248}Cm(^{12}C, 5n), E=77 MeV]; measured Eα, Iα. Using previous measurements of $\alpha\gamma$-coin., deduced J, π of ^{251}Fm. REPT JAEA-Review 2007-046,P42,Asai
	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
^{251}Md	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2009KE02	NUCLEAR REACTIONS ^{209}Bi(^{48}Ca, 2n), E=219, 221 MeV; Measured Eγ, Iγ, $\alpha\gamma$-coin; Deduced rotational bands; Calculated rotational bands;^{251}Md;^{255}Lr; Compared theoretical and experimental results. JOUR PRLTA 102 212501
^{251}No	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602

A=252

^{252}Cf	2008MU24	RADIOACTIVITY ^{252}Cf(SF); measured Eα, Iα for ternary α particles, ternary ^{6}He-spectra; deduced ^{6}He / ^{4}He ratio. JOUR PRVCA 78 064616
	2008XU08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Tc; deduced levels, J, π, bands, B(E1) / B(E2) ratios. ^{106,107}Mo, ^{107}Tc; deduced bands. Comparison with particle-rotor model calculations. JOUR PRVCA 78 064301
	2009GO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, (particle)γ-, $\gamma\gamma$-coin, attenuated $\gamma\gamma(\theta)$. ^{136,140,142}Xe, ^{142,146}Ba, ^{146,148}Ce; deduced levels, J, g factors. JOUR PRVCA 79 034316

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

2009GO18 RADIOACTIVITY ^{252}Cf(SF); measured $\gamma\gamma(\theta)$. ^{101}Zr, ^{103,105,107}Mo, ^{109,111}Ru; deduced levels, J, π, mixing ratios. Comparison of mixing ratios with predictions of the particle-axial-rotor model for various single-particle states. JOUR PRVCA 80 014318

2009GU11 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106,107}Tc; deduced levels, J, π, bands, configurations, moments of inertia. ^{104,105}Mo, ^{105,106}Tc; systematics of alignments and moments of inertia. JOUR PRVCA 79 054317

2009GU20 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{107}Tc; deduced levels, J, π, high-spin states, bands. Comparison with g-factor calculations. JOUR CPLEE 26 092502

2009HW03 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{91,92,93}Rb, ^{155,156}Pm; deduced levels, J, π, bands. Comparison with level systematics of ^{89}Rb, ^{90}Kr and ^{92}Kr. JOUR PRVCA 80 037304

2009LI25 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{134}I; deduced levels, J, π, yrast states. ^{111,112,113}Rh; measured Eγ, $\gamma\gamma$-coin. Discussed systematics of yrast levels in Iodine nuclides. JOUR PRVCA 79 067303

2009LI42 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, and $\gamma\gamma(\theta)$ using Gammasphere array. ^{137}I, ^{139}Cs; deduced levels, J, π, bands, multipolarities and mixing ratios. ^{108,109,110}Tc, ^{111,113}Rh; measured Eγ, $\gamma\gamma$-coin. Comparison with shell-model calculations. A=133-141(odd), Z=55; N=84, Sb, I, Cs, La; A=132-140(even), Z=52, 54, 56; systematics of low-lying states. JOUR PRVCA 80 044314

2009LU01 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{108,110,112}Ru; deduced levels, J, π, rotational bands, B(E2) / B(M1). Tilted axis cranking and RPA calculations. JOUR PYLBB 670 307

2009LU04 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin and fission yield ratios of ^{103,104,105}Nb, ^{143,144}La using Gammasphere. ^{143,144}La deduced levels, J, π, band configurations, branching ratios, B(E1) / B(E2) ratios. Cranked-shell model calculations. JOUR NUPAB 818 121

2009LU11 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{100}Nb, ^{148}La; deduced ICCs, high-spin levels, J, π, rotational bands, multipolarities, shape coexistence and configurations. JOUR NUPAB 825 1

2009LU18 RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; deduced level schemes, mixing ratios, bands, J, π, angular correlations, level energies, B(E1) / B(E2), chiral doubling. Comparison with other chiral doubling candidates. JOUR IMPEE 18 1697

2009SI21 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{156}Nd, ^{156,158,160}Sm; deduced levels, J, π, isomers, bands and configurations. Comparison with QPRM calculations. JOUR PRVCA 80 024304

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

	2009UR02	RADIOACTIVITY ^{248}Cm, ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, half-lives. ^{95}Y; deduced levels, J, π, isomers, configurations. Comparisons with shell-model calculations. JOUR PRVCA 79 044304
	2009UR04	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{159}Sm; deduced levels, J, π and half-lives. Systematics of 11 / 2[505] band in N=87-97 Sm, Gd and Dy nuclei. Comparison with quasiparticle rotor model calculations. JOUR PRVCA 80 037301
	2009WA10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin using Gammasphere array. ^{103}Nb; deduced high-spin levels, J, π, vibrational band structure. JOUR PYLBB 675 420
	2009ZH24	RADIOACTIVITY ^{252}Cf(SF); ^{108,110,112}Ru; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced high-spin, even-parity bands, branching ratios, odd-even spin energy band staggering, doubling of levels in ^{110}Ru, deformation parameters, triaxiality. Comparison with TRS calculations. JOUR IMPEE 18 1717
^{252}Md	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219

A=253

^{253}Es	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{253}Md	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319
^{253}No	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319
^{253}Lr	2009HE20	NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=254

^{254}Es	2009GUZZ	NUCLEAR MOMENTS ^{254}Es; measured E$\alpha(\theta)$, E$\gamma(\theta)$ for decay from oriented sources. ^{254}Es; deduced magnetic moment. Low temperature nuclear orientation and iron hyperfine fields. CONF Cheboksary,P99,Gurevich
	2009SE09	NUCLEAR MOMENTS ^{254}Es, ^{250}Bk; measured magnetic dipole moment using low temperature nuclear orientation (LTNO) and hyperfine fields in an iron host-lattice. Comparison with deformed single-particle model calculations. JOUR PRVCA 79 064322
	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{254}No	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605
^{254}Lr	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605
^{254}Rf	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602

A=255

^{255}Fm	2009SE09	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α); measured Eα, Iα, $\alpha(\theta)$. ^{250}Bk(β^-); measured $\gamma(\theta)$. JOUR PRVCA 79 064322
^{255}No	2007ASZU	RADIOACTIVITY ^{255}No(α)[from ^{248}Cm(^{12}C, 5n), E=77 MeV]; measured Eα, Iα. Using previous measurements of $\alpha\gamma$-coin., deduced J, π of ^{251}Fm. REPT JAEA-Review 2007-046,P42,Asai
	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2008HAZU	NUCLEAR REACTIONS ^{238}U(^{22}Ne, 5n), E=113.8 MeV; measured Eα, Iα using MANON rotating wheel system; deduced ^{255}No $T_{1/2}$. REPT RIKEN 2007 Annual,Pxii,Haba

A=255 *(continued)*

^{255}Lr	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2008AN16	NUCLEAR REACTIONS ^{209}Bi(^{48}Ca, xn)^{255}Lr / ^{256}Lr, E=214, 218 MeV; measured σ. JOUR ZAANE 38 219
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602
	2009JE02	NUCLEAR REACTIONS ^{209}Bi(^{48}Ca, 2n), E=222 MeV; measured Eγ, Iγ, $\gamma\gamma$, half-lives. ^{255}Lr; deduced levels, J, π, bands, high-K 3qp isomers and configurations. Comparison with microscopic cranked relativistic Hartree-Bogoliubov (CRHB) calculations. JOUR PRVCA 80 034324
	2009KE02	NUCLEAR REACTIONS ^{209}Bi(^{48}Ca, 2n), E=219, 221 MeV; Measured Eγ, Iγ, $\alpha\gamma$-coin; Deduced rotational bands; Calculated rotational bands;^{251}Md;^{255}Lr; Compared theoretical and experimental results. JOUR PRLTA 102 212501
^{255}Rf	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=256

^{256}No	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
^{256}Lr	2008AN16	RADIOACTIVITY ^{250,251}Md, ^{254,255,256}Lr(EC), (α) [from ^{209}Bi(^{48}Ca, xn), E=214-244 MeV and subsequent decays]; measured Eα, Iα, conversion electrons, Eγ, Iγ, γa-, (ce)a-coin, $T_{1/2}$. ^{250}Md; deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 38 219
	2008AN16	NUCLEAR REACTIONS ^{209}Bi(^{48}Ca, xn)^{255}Lr / ^{256}Lr, E=214, 218 MeV; measured σ. JOUR ZAANE 38 219
^{256}Rf	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009JE01	NUCLEAR REACTIONS ^{208}Pb(^{50}Ti, 2n), E=243 MeV; measured (recoil)(electron)(fission)-coin, (electron)γ-coin, conversion electron spectra, Eγ, Iγ, half-lives. ^{256}Rf; deduced levels, J, π, high-K isomers, configurations. Comparisons with Woods-Saxon potential-energy surface calculations. JOUR PRVCA 79 031303

A=256 ***(continued)***

	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319

A=257

^{257}Lr	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319
^{257}Rf	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009QI04	NUCLEAR REACTIONS ^{208}Pb(^{50}Ti, n), E=233 MeV; measured Eα, Iα, ce, fission events correlated with evaporation residues, Eγ, Iγ, (ce)α-, (ce)γ-coin, isomer half-lives, (evaporation residues)-ce-α-α correlations. ^{257}Rf; deduced levels, J, π, configurations. ^{257}Rf; calculated excitation energies of 1-qp states and rotational bands built on 1-qp and 3-qp bandheads. A=245-257, odd-A Pu, Cm, Cf, Fm, No, Rf; Nilsson orbital systematics. JOUR PRVCA 79 064319
	2009QI04	RADIOACTIVITY ^{257}Rf(α)(EC)(SF), ^{257m}Rf(α)(EC), ^{257}Lr(α), ^{256}Rf(SF), ^{253}No(α)(EC); measured Eα, Iα, Eγ, fission events, (ce)α-coin, half-lives, and fission branching ratios. ^{253}No; deduced levels, J, π, α hindrance factors, and configurations. JOUR PRVCA 79 064319
^{257}Db	2009HE20	NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=258

^{258}Fm	2007NIZT	NUCLEAR REACTIONS ^{244}Pu(^{18}O, α), E=103 MeV; measured Eα, Iα, fragment-α-coin. Mesurements of α at 20 and 160 deg. REPT JAEA-Review 2007-046,P56,Nishinaka

A=258 ***(continued)***

^{258}No	2009PE09	NUCLEAR REACTIONS ^{232}Th(^{25}Mg, X), E=132 MeV; ^{232}Th(^{26}Mg, X), E=148 MeV; measured σ, mass and energy distributions of fission fragments, neutrons by time-of-flight method. ^{258}No; deduced ratio of widths for neutron emission and fission (Γ_n / Γ_f) for the compound nucleus. Implications for survival probabilities of excited heavy nuclei formed in hot fusion reactions. JOUR PRVCA 79 044607
^{258}Rf	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
^{258}Db	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602
	2009HE20	NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605
^{258}Sg	2009FO02	NUCLEAR REACTIONS ^{208}Pb(^{52}Cr, n)^{259}Sg, E=250.7-266.2 MeV; ^{208}Pb(^{52}Cr, 2n)^{258}Sg, E=250.7-266.2 MeV. Measured excitation functions, σ. JOUR PRVCA 79 027602
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602

A=259

^{259}No	2008ASZY	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 3nα), E=94 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin., x-rays; deduced J, π. REPT JAEA-Review 2008-054,P40,Asai
^{259}Db	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
^{259}Sg	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602
	2009FO02	NUCLEAR REACTIONS ^{208}Pb(^{52}Cr, n)^{259}Sg, E=250.7-266.2 MeV; ^{208}Pb(^{52}Cr, 2n)^{258}Sg, E=250.7-266.2 MeV. Measured excitation functions, σ. JOUR PRVCA 79 027602
	2009FO02	RADIOACTIVITY ^{259}Sg, ^{258}Sg, ^{255}Rf(α), (SF), (EC), ^{251}No(α); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027602

A=259 *(continued)*

2009HE20 NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145

2009HE20 RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=260

^{260}Db 2009HE20 RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

^{260}Sg 2009HE20 NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145

2009HE20 RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=261

^{261}Sg 2009HE20 RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

^{261}Rg 2009MA15 ATOMIC MASSES ^{261,265}Rg; measured masses and relative abundances using inductively coupled plasma sector field mass spectrometry; deduced $T_{1/2}$limit for isomeric states of Rg. JOUR IMPEE 18 621

A=262

^{262}Db 2009MO12 RADIOACTIVITY ^{266}Bh(α); measured Eα, Iα. JOUR JUPSA 78 064201

^{262}Sg 2009HE20 RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145

A=262 *(continued)*

^{262}Bh	2009HE20	NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605

A=263

^{263}Hs	2009DR02	NUCLEAR REACTIONS ^{208}Pb(^{56}Fe, n), E=276.4 MeV; measured σ. JOUR PRVCA 79 011602
	2009DR02	RADIOACTIVITY ^{263}Hs, ^{259}Sg, ^{255}Rf, ^{251}No, ^{247}Fm(α); measured Eα, half-lives. JOUR PRVCA 79 011602

A=264

^{264}No	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{264}Lr	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{264}Sg	2009DV01	RADIOACTIVITY ^{268}Hs, ^{269}Hs(α); measured Eα, half-lives. JOUR PRVCA 79 037602

A=265

^{265}Sg	2009DV01	RADIOACTIVITY ^{268}Hs, ^{269}Hs(α); measured Eα, half-lives. JOUR PRVCA 79 037602
^{265}Bh	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
^{265}Hs	2009HE20	NUCLEAR REACTIONS ^{207}Pb(^{54}Cr, n), (^{54}Cr, 2n), ^{208}Pb(^{58}Fe, n), (^{54}Cr, 2n), ^{209}Bi(^{54}Cr, n), (^{50}Ti, n), (^{50}Ti, 2n), (^{48}Ca, 4n), E not given; measured Eα, Iα, Eγ, (fragment)α-coin, $\alpha\psi$-coin, σ; deduced decay chain properties, $T_{1/2}$, levels, J, π. Comparison with other data and calculations. JOUR ZAANE 41 145

A=265 ***(continued)***

	2009HE20	RADIOACTIVITY ^{249}Md, ^{253}Lr, ^{257,258}Db, ^{259,260}Sg, ^{262}Bh, ^{265}Hs(α), (SF), (EC); measured Eα, Iα, $T_{1/2}$; deduced levels, J, π. Analysis of decay chains and production routes. Comparison with other data and calculations. JOUR ZAANE 41 145
	2009MO34	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), (^{64}Ni, n), (^{70}Zn, n), ^{209}Bi(^{64}Ni, n), (^{70}Zn, n), E not given; measured reaction fragments, Eα, Iα; ^{265}Hs, ^{271}Ds, ^{272}Rg, 27712, 27813 deduced as α-decay chain members. JOUR IMPEE 18 2175
^{265}Rg	2009MA15	ATOMIC MASSES ^{261,265}Rg; measured masses and relative abundances using inductively coupled plasma sector field mass spectrometry; deduced $T_{1/2}$limit for isomeric states of Rg. JOUR IMPEE 18 621

A=266

^{266}Bh	2009MO12	NUCLEAR REACTIONS ^{248}Cm(^{23}Na, 4n), (^{23}Na, 5n), E=126, 130, 132 MeV; measured yields. JOUR JUPSA 78 064201
	2009MO12	RADIOACTIVITY ^{266}Bh(α); measured Eα, Iα. JOUR JUPSA 78 064201
^{266}Mt	2009NE02	NUCLEAR REACTIONS ^{208}Pb(^{59}Co, n)^{266}Mt, E=295 MeV; measured production cross section JOUR PRVCA 79 027605
	2009NE02	RADIOACTIVITY ^{266}Mt, ^{262}Bh, ^{258}Db, ^{254}Lr, No, ^{250}Md, Fm(α), ^{254}Lr, ^{250}Md(EC); measured Eα, half-lives, decay modes. JOUR PRVCA 79 027605

A=267

^{267}Bh	2009MO12	NUCLEAR REACTIONS ^{248}Cm(^{23}Na, 4n), (^{23}Na, 5n), E=126, 130, 132 MeV; measured yields. JOUR JUPSA 78 064201

A=268

^{268}Rf	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{268}Db	2009DR05	RADIOACTIVITY ^{268}Db, ^{268}Rf(α), (SF); measured Eα, Iα and SF events. ^{212}Bi, ^{208,210,212,216}Po, ^{220}Rn, ^{224}Ra, ^{228,230}Th, ^{231}Pa, ^{237}Np, ^{238,239,240,241,242}Pu, ^{241,243}Am, ^{243,244}Cm(α); measured Eα, Iα. JOUR PRVCA 79 054605
^{268}Hs	2009DV01	NUCLEAR REACTIONS ^{248}Cm(^{25}Mg, 4n)^{269}Hs, (^{25}Mg, 5n)^{268}Hs, E(cm)=140 MeV; measured α, fission events, α-SF and α-α correlations, production cross section limits. No events were assigned to ^{268}Hs and ^{269}Hs. JOUR PRVCA 79 037602
	2009DV01	RADIOACTIVITY ^{268}Hs, ^{269}Hs(α); measured Eα, half-lives. JOUR PRVCA 79 037602

A=269

^{269}Hs	2009DV01	NUCLEAR REACTIONS ^{248}Cm(^{25}Mg, 4n)^{269}Hs, (^{25}Mg, 5n)^{268}Hs, E(cm)=140 MeV; measured α, fission events, α-SF and α-α correlations, production cross section limits. No events were assigned to ^{268}Hs and ^{269}Hs. JOUR PRVCA 79 037602
	2009DV01	RADIOACTIVITY ^{268}Hs, ^{269}Hs(α); measured Eα, half-lives. JOUR PRVCA 79 037602
	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608

A=270

^{270}Hs	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608

A=271

^{271}Hs	2009OG03	NUCLEAR REACTIONS ^{136}Xe(^{136}Xe, xn)^{269}Hs / ^{270}HS / ^{271}Hs, E=750 MeV;measured Eα, Iα, upper limit of production σ for Z=108 element; deduced fusion probability. Calculated excitation functions for one-neutron to four-neutron channels. Ti(^{136}Xe, xn)^{168}Os / ^{169}Os / ^{170}Os / ^{171}Os / ^{172}Os / , E=750 MeV; measured Eα, Iα. JOUR PRVCA 79 024608
^{271}Ds	2009MO34	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), (^{64}Ni, n), (^{70}Zn, n), ^{209}Bi(^{64}Ni, n), (^{70}Zn, n), E not given; measured reaction fragments, Eα, Iα; ^{265}Hs, ^{271}Ds, ^{272}Rg, 27712, 27813 deduced as α-decay chain members. JOUR IMPEE 18 2175

A=272

^{272}Rg	2009MO34	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), (^{64}Ni, n), (^{70}Zn, n), ^{209}Bi(^{64}Ni, n), (^{70}Zn, n), E not given; measured reaction fragments, Eα, Iα; ^{265}Hs, ^{271}Ds, ^{272}Rg, 27712, 27813 deduced as α-decay chain members. JOUR IMPEE 18 2175

A=273

No references found

A=274

No references found

A=275

No references found

A=276

No references found

A=277

^{277}112	2009MO34	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), (^{64}Ni, n), (^{70}Zn, n), ^{209}Bi(^{64}Ni, n), (^{70}Zn, n), E not given; measured reaction fragments, Eα, Iα; ^{265}Hs, ^{271}Ds, ^{272}Rg, 27712, 27813 deduced as α-decay chain members. JOUR IMPEE 18 2175

A=278

^{278}113	2009MO34	NUCLEAR REACTIONS ^{208}Pb(^{58}Fe, n), (^{64}Ni, n), (^{70}Zn, n), ^{209}Bi(^{64}Ni, n), (^{70}Zn, n), E not given; measured reaction fragments, Eα, Iα; ^{265}Hs, ^{271}Ds, ^{272}Rg, 27712, 27813 deduced as α-decay chain members. JOUR IMPEE 18 2175

A=279

No references found

A=280

No references found

A=281

No references found

A=282

No references found

A=283

No references found

A=284

No references found

A=285

No references found

A=286

^{286}114	2009ST21	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, 3n), (^{48}Ca, 4n), E(cm)=244 MeV; measured Eα, Iα and α-decay chains; deduced σ. Berkeley Gas-filled Separator (BGS). JOUR PRLTA 103 132502

A=287

^{287}114	2009ST21	NUCLEAR REACTIONS ^{242}Pu(^{48}Ca, 3n), (^{48}Ca, 4n), E(cm)=244 MeV; measured Eα, Iα and α-decay chains; deduced σ. Berkeley Gas-filled Separator (BGS). JOUR PRLTA 103 132502

A=288

^{288}115	2009DR05	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n)^{288}115, E not given; measured delayed α and SF events from Db and Rf activities formed in successive decays of ^{288}115. Confirmed synthesis of Z=115 element reported in earlier studies. JOUR PRVCA 79 054605

A=289

No references found

A=290

No references found

A=291

No references found

A=292

No references found

A=293

No references found

A=294

No references found

A=295

No references found

A=296

No references found

A=297

No references found

A=298

^{298}120	2009OG02	NUCLEAR REACTIONS ^{244}Pu(^{58}Fe, xn)^{298}120 / ^{299}120, E=330.4 MeV;measured α-particle spectra, (evaporation residues)α-coin, and upper limit of production cross section for Z=120 element. No decay chains for ^{298}120 and ^{299}120 were observed. JOUR PRVCA 79 024603

A=299

^{299}120	2009OG02	NUCLEAR REACTIONS ^{244}Pu(^{58}Fe, xn)^{298}120 / ^{299}120, E=330.4 MeV;measured α-particle spectra, (evaporation residues)α-coin, and upper limit of production cross section for Z=120 element. No decay chains for ^{298}120 and ^{299}120 were observed. JOUR PRVCA 79 024603

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