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This document lists experimental references added to Nuclear Science References (NSR) during the period April 1, 2010 to June 30, 2010. 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	2010CO03	RADIOACTIVITY ^{1}n(β^-); measured Eγ, Ep, E(e), peγ-coin; deduced branching ratio for radiative decay (inner bremsstrahlung) of neutron in 15-340 keV photon energy range. Monte-Carlo simulations of the spectra. Comparison with theoretical predictions. JOUR PRVCA 81 035503
	2010DY01	NUCLEAR REACTIONS ^{2}H(p, 2p), E=0.5-2 GeV; measured angular distribution, acceptances, σ and $\sigma(\theta)$; deduced missing mass distributions and momentum correlations. Comparison with Migdal-Watson method, DWBA calculations, CD-Bonn NN potential, and one-pion exchange (OPE) model. JOUR PRVCA 81 044001
	2010MA23	NUCLEAR REACTIONS ^{2}H(polarized p, 2p), E=190 MeV; measured Ep, Ip, angular correlations, analyzing powers using BINA detector; analyzed analyzing powers for competing channels with Faddeev model. Comparison of two- and three-nucleon potentials. JOUR PYLBB 687 149
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{1}H	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E$\approx$95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E$\approx$95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), d$\sigma(\theta)$; calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039
	2008SAZG	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E=71 MeV / nucleon; ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured E(particle), I(particle, θ) using polarized target; deduced dσ, analyzing powers, optical model parameters, proton radius; calculated dσ, analyzing powers. Results compared to p+^{6}Li reaction at 72 MeV / nucleon. REPT CNS-REP-61,P3,Sakaguchi
	2008YAZP	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E(cm)$\approx$1.5-6.5 MeV; ^{1}H(^{7}Be, ^{7}Be'), E(cm)$\approx$1.5-6.5 MeV; measured reaction products using thick-target method; deduced $\sigma(\theta)$, ^{8}B resonance parameters; calculated dσ(E, θ) using R-matrix. REPT CNS-REP-61,P7,Yamaguchi
	2009SUZW	NUCLEAR REACTIONS ^{1}H(^{58}Ti, ^{58}Ti'), E=40 MeV / nucleon; measured A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin; deduced E(2$^+$). Compared to other Ti and Cr isotopes. REPT RIKEN 2008 Annual,P8,Suzuki
	2009TAZW	NUCLEAR REACTIONS ^{1}H(^{32}Mg, ^{32}Mg'), E=46.5 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced σ(E, θ), transferred angular momentum; calculated σ(E, θ) using ECIS97 with KD02 potential. REPT RIKEN 2008 Annual,P6,Takeuchi

A=1 *(continued)*

2010CO03   RADIOACTIVITY ^{1}n(β^-); measured Eγ, Ep, E(e), peγ-coin; deduced branching ratio for radiative decay (inner bremsstrahlung) of neutron in 15-340 keV photon energy range. Monte-Carlo simulations of the spectra. Comparison with theoretical predictions. JOUR PRVCA 81 035503

A=2

^{2}n   2010BE10   NUCLEAR REACTIONS ^{3}H(d, ^{3}He), E=36.9 MeV; measured reaction products; deduced $\sigma(\theta)$, $\sigma(\theta, E)$, inclusive spectra. JOUR BRSPE 74 453

2010QI02   NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209

2010SI08   NUCLEAR REACTIONS ^{4}He(^{6}He, 2α), (^{6}He, αt), E=25 MeV / nucleon; measured reaction products; deduced momentum correlations for quasi-free scattering, σ, cluster structures. JOUR BRSPE 74 437

^{2}H   2008MEZW   NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E$\approx$95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E$\approx$95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), dσ(θ); calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039

2008SHZM   NUCLEAR REACTIONS ^{3}He(p, 2p), E=392 MeV; measured Ep, Ip(θ) using polarized beam on polarized target; deduced spin correlation, analyzing power, momentum distribution of ^{3}He proton polarization. REPT CNS-REP-61,P1,Shimizu

2009KOZT   NUCLEAR REACTIONS ^{1}H(^{18}C, ^{17}C), E=81 MeV / nucleon; ^{1}H(^{19}C, ^{18}C), E=68 MeV / nucleon; measured A(particle), Z(particle), Eγ, Iγ, (particle)γ-coin; deduced σ(E); calculated σ(E, J, π) using CDCC with shell-model spectroscopic factors with WBP interaction. REPT RIKEN 2008 Annual,P7,Kondo

2010LAZZ   NUCLEAR REACTIONS ^{1}H(^{8}He, ^{6}He), E=15.4, 15.6 Mev / nucleon; ^{1}H(^{8}He, ^{7}He), E=15.4, 15.6 Mev / nucleon; measured reaction products; deduced dσ(e), dσ(θ), ^{6}He E, J, π, resonances; calculated E, J, π, dσ(θ) using ab-initio / realistic interactions within GFMC (Green Function Monte Carlo), NCSM (No-Core Shell Model), CC and other models. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P345

A=3

^{3}H   2010LAZZ   NUCLEAR REACTIONS ^{1}H(^{8}He, ^{6}He), E=15.4, 15.6 Mev / nucleon; ^{1}H(^{8}He, ^{7}He), E=15.4, 15.6 Mev / nucleon; measured reaction products; deduced dσ(e), dσ(θ), ^{6}He E, J, π, resonances; calculated E, J, π, dσ(θ) using ab-initio / realistic interactions within GFMC (Green Function Monte Carlo), NCSM (No-Core Shell Model), CC and other models. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P345

A=3 *(continued)*

	2010OT02	RADIOACTIVITY ^{3}H(β^-); measured Ie, Ee; deduced β-spectrum, neutrino mass. Troitsk, Mainz, KATRIN experiments. JOUR HYIND 196 3
	2010SI08	NUCLEAR REACTIONS ^{4}He(^{6}He, 2α), (^{6}He, αt), E=25 MeV / nucleon; measured reaction products; deduced momentum correlations for quasi-free scattering, σ, cluster structures. JOUR BRSPE 74 437
	2010YI01	NUCLEAR REACTIONS ^{4}He(K^-, n), E at rest; measured En, In, (particle)(neutron)-coin; deduced upper limit for a strange tribaryon state. JOUR PYLBB 688 43
^{3}He	2010BY01	NUCLEAR REACTIONS ^{2}H(d, n), (p, γ), E=2.3-6.2, 8.3-10.1 keV; measured reaction products, Eγ, Iγ; deduced σ, S-factors. JOUR BRSPE 74 531
	2010OT02	RADIOACTIVITY ^{3}H(β^-); measured Ie, Ee; deduced β-spectrum, neutrino mass. Troitsk, Mainz, KATRIN experiments. JOUR HYIND 196 3

A=4

^{4}He	2008DEZ0	NUCLEAR REACTIONS ^{6}Li(n, t), E=0.2-10 MeV; measured Eα, Iα(θ), Et, It(θ); deduced dσ(E, θ), dσ(θ); calculated dσ(E, θ), dσ(θ) using R-matrix. Compared also to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1243
	2009JO08	NUCLEAR REACTIONS ^{4}He(^{14}C, ^{14}C), E=25 MeV; measured σ(E, θ). ^{18}O; deduced levels, widths, J, π using R-matrix analysis. JOUR ZAANE 42 135
	2010SE04	NUCLEAR REACTIONS C(d, d), ^{3}He(d, p), E=14.8 MeV; measured deuteron polarization; deduced acquired tensor polarization for deuteron beam. JOUR PRLTA 104 222501

A=5

No references found

A=6

^{6}Li	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K^-, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010BU03	NUCLEAR REACTIONS ^{6}Li(d, d), (d, d'), E=25 MeV; measured Ed, Id of scattered deuterons; deduced σ(θ), J, π of excited states. Optical model, coupled-reaction-channel methods. JOUR PANUE 73 746
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

A=6 *(continued)*

	2010SU08	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), (^{6}Li, ^{6}Li), E=23.7 MeV; measured reaction products; deduced $\sigma(\theta)$, spectroscopic factors. JOUR CPLEE 27 052101
^{6}Be	2010PA11	NUCLEAR REACTIONS ^{6}Li(^{3}He, t)^{6}Be, E=50 MeV; measured particle spectra, (particle)(particle)-coin, angular distributions; deduced particle-particle correlations and Dalitz plots for the α-p-p breakup particles from ^{6}Be. Comparison with sequential and 3-body resonance calculations. JOUR PRVCA 81 054308

A=7

^{7}Li	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010SU08	NUCLEAR REACTIONS ^{7}Li(^{6}Li, ^{7}Li), (^{6}Li, ^{6}Li), E=23.7 MeV; measured reaction products; deduced $\sigma(\theta)$, spectroscopic factors. JOUR CPLEE 27 052101
	2010SU08	NUCLEAR REACTIONS ^{6}Li(p, γ), (n, γ), E(cm)<1.2 MeV; calculated astrophysical reaction rates, S-factors. DWBA analysis. JOUR CPLEE 27 052101
^{7}Be	2010SU08	NUCLEAR REACTIONS ^{6}Li(p, γ), (n, γ), E(cm)<1.2 MeV; calculated astrophysical reaction rates, S-factors. DWBA analysis. JOUR CPLEE 27 052101

A=8

^{8}Li	2009KAZR	RADIOACTIVITY ^{8}Li[polarized]; measured I$\beta(\theta)$; deduced polarization, asymmetry R-coefficient. REPT RIKEN 2008 Annual,P25,Kawamura
^{8}Be	2008MUZW	NUCLEAR REACTIONS ^{9}Be(n, 2n), E$\approx$14 MeV; measured En, In(θ), n-n-coin., deduced d$\sigma(\theta)$. CONF Nice (Nucl Data for Sci and Technol) Proc,P999
	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

A=8 *(continued)*

2010COZY	NUCLEAR REACTIONS ^{12}C(p, pα), E=100 MeV; measured Ep, Ip(θ), Eα, Iα(θ); deduced dσ(θ, Ep), pair momentum distributions, analyzing power; calculated dσ using DWIA, analyzing power. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P317
2010RO09	NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845

A=9

^{9}Li	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2009MIZU	NUCLEAR REACTIONS ^{9}Be(^{58}Ni, ^{58}Cu), E=95 MeV / nucleon; measured E(^{58}Cu), Iβ(t); deduced $T_{1/2}$. REPT RIKEN 2008 Annual,P24,Mihara
^{9}Be	2008AZZZ	NUCLEAR REACTIONS ^{9}Be(^{42}Si, ^{42}Si'), E not given; measured Eγ, Iγ, reaction products; ^{42}Si; deduced level energies, J, π. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109
	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=9 *(continued)*

	2010PIZY	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), E=16.2 MeV; ^{9}Be(^{7}Be, ^{7}Be), E=23.7 MeV; measured reaction products; deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using FRESCO optical model code and using CC; deduced potential parameters. CDCC calculations in progress. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P337
	2010RO14	NUCLEAR REACTIONS ^{9}Be(^{24}Ne, n^{23}Ne), (^{25}Ne, n^{24}Ne), (^{26}Ne, n^{25}Ne), (^{27}Ne, n^{26}Ne), (^{28}Ne, n^{27}Ne), E=high [from ^{9}Be(^{40}Ar, X), E=700 MeV / nucleon]; measured σ, momentum distributions; deduced configurations, neutron separation energy, related features. Secondary radioactive beam at FRS. JOUR PYLBB 687 26
^{9}B	2008FEZY	NUCLEAR REACTIONS ^{9}Be(p, n), E=17.4; measured thick target En, In; Si(n, x), E not given; Si(γ, x), E=1173, 1332 keV; Si(n, x), E=reactor spectrum; measured common emitter gain; deduced NIEL-scaling factor for Si. CONF Nice (Nucl Data for Sci and Technol) Proc,P1295
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=10

^{10}Be	2008GEZW	NUCLEAR REACTIONS ^{9}Be(^{56}Ti, ^{55}Ti), E$\approx$400 MeV / nucleon; ^{9}Be(^{48}Ca, ^{47}Ca), E$\approx$400 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, A(particle), Q(particle), (particle)γ-coin; deduced E, J, π, σ; calculated knockout dσ(E) using OXBASH code with GXPF1A interaction. Results on CD only. CONF E.Lansing (NS2008),P36,Gernhauser
	2008YAZQ	NUCLEAR REACTIONS ^{4}He(^{7}Li, α), E=13.7 MeV; ^{4}He(^{7}Li, p), E=13.7 MeV; ^{4}He(^{7}Li, t), E=13.7 MeV; measured thick target Eγ, Iγ, Eα, Iα. REPT CNS-REP-61,P5,Yamaguchi
	2009SUZV	NUCLEAR REACTIONS ^{9}Be(^{18}C, ^{17}C), E not given; measured A(particle), Z(particle), E(particle, θ), Eγ, Iγ(t), (particle)γ-coin; deduced T$_{1/2}$, B(M1). REPT RIKEN 2008 Annual,P10,Suzuki
	2010AM02	NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096
	2010RO09	NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845
^{10}B	2008RIZV	NUCLEAR REACTIONS ^{9}Be(^{44}S, ^{43}P), E$\approx$92 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced E, J, π, spectroscopic factor, momentum distribution of knocked-out proton, σ. Results on CD only. CONF E.Lansing (NS2008),P12,Riley
	2010BU04	RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

A=11

^{11}Li   2010GU04   NUCLEAR REACTIONS ^{14}C(π^-, pd), (π^-, 2p), E=264 Mev / nucleon; measured reaction products; ^{11,12}Li; deduced resonance parameters, missing mass spectra. JOUR BRSPE 74 433

^{11}Be   2010AM02   NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096

^{11}B   2010BE08   RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

   2010BU04   RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

   2010GA05   NUCLEAR REACTIONS ^{13}C(d, $\alpha\gamma$), E=15.3 MeV; measured reaction products, Eγ, Iγ; deduced s(θ), $\sigma(\theta$, E), deuteron cluster pickup, quadrupole deformation parameter. JOUR BRSPE 74 447

   2010KAZZ   NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=388 MeV; measured Eα, I$\alpha(\theta)$; deduced d$\sigma(\theta)$ to individual states, B(E0); calculated d$\sigma(\theta)$ using DWBA with parameters from elastic scattering on ^{12}C. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P95

   2010RO09   NUCLEAR REACTIONS ^{7}Li(^{7}Li, t), (^{7}Li, α), (^{7}Li, ^{6}He), E=2-16 MeV; measured reaction products, Et, It, Eα, Iα; deduced yields, σ, $\sigma(\theta)$. Comparison with DWBA analysis. JOUR APOBB 41 845

^{11}C   2010BE08   RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from $1p_{3/2}$-shell nucleons to the filled $1s_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

   2010FA04   NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302

A=12

^{12}Li   2010GU04   NUCLEAR REACTIONS ^{14}C(π^-, pd), (π^-, 2p), E=264 Mev / nucleon; measured reaction products; ^{11,12}Li; deduced resonance parameters, missing mass spectra. JOUR BRSPE 74 433

^{12}B   2010AM02   NUCLEAR REACTIONS ^{1}H(^{11}Be, d), ^{2}H(^{10}Be, p), (^{12}B, d), E=40 MeV / nucleon; measured reaction products; deduced new kinematics technique. JOUR IMPEE 19 1096

A=12 *(continued)*

2010BE08   RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from 1p$_{3/2}$-shell nucleons to the filled 1s$_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

2010QI02   NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209

^{12}C   2008MEZW   NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E$\approx$95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E$\approx$95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), dσ(θ); calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039

2008OHZT   NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced dσ(θ); calculated dσ(θ) using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023

2008PIZW   NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, γ-γ-coin.; ^{134}Xe; deduced level energies, J, π, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla

2008ZHZV   NUCLEAR REACTIONS ^{12}C(^{17}F, ^{17}F), E; measured E(particle), I(particle); deduced ^{17}F yield. REPT CNS-REP-61,P13,Zhang

2010AG04   NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247

2010AL10   NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and σ(θ); deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802

2010BE08   RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from 1p$_{3/2}$-shell nucleons to the filled 1s$_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

2010MA26   NUCLEAR REACTIONS ^{14}N(p, γ)^{15}O, E=278, 1058 keV; ^{15}N(p, α)^{12}C, E=430, 897 keV; measured γ-ray spectra, yield, angular distributions, branching ratio, and resonance strengths. ^{15}O; deduced resonances. Comparison with previous measurements. JOUR PRVCA 81 055807

A=12 *(continued)*

	2010OK01	NUCLEAR REACTIONS ^{12}C(p, p'), E=300 MeV; measured Ep, Ip, σ, $\sigma(\theta)$; deduced levels, J, π, deformation parameters. Comparison with DWBA calculations and α-cluster condensation model. JOUR PRVCA 81 054604
	2010PIZZ	NUCLEAR REACTIONS ^{12}C(^{124}Xe, ^{124}Xe'), E$\approx$435 MeV; ^{12}C(^{126}Xe, ^{126}Xe'), E$\approx$435 MeV; ^{12}C(^{128}Xe, ^{128}Xe'), E$\approx$435 MeV; ^{12}C(^{130}Xe, ^{130}Xe'), E$\approx$435 MeV; ^{12}C(^{132}Xe, ^{132}Xe'), E$\approx$435 MeV; ^{12}C(^{134}Xe, ^{134}Xe'), E$\approx$435 MeV; measured Coulomb excitation Eγ, Iγ; deduced B(M1) transition strength, E, J, π; calculated transition strengths; deduced quadrupole-quadrupole proton-neutron interaction, ^{124}Xe O(6) symmetry breaking. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P173
	2010TA05	RADIOACTIVITY ^{16}N($\beta^-\alpha$); measured Eα, Iα, α^{12}C-coin, half-life; deduced E1 component of the S factor for ^{12}C(α, γ)^{16}O reaction using a set of twin ionization chambers. R-matrix analysis. Comparison with previous studies. JOUR PRVCA 81 045809
	2010TO03	NUCLEAR REACTIONS ^{12}C, ^{28}Si(p, p), E=4.9-6.1 MeV; measured scattered protons; deduced yields, stopping σ, sharp nuclear resonances. JOUR NIMBE 268 1749
^{12}N	2010BE08	RADIOACTIVITY ^{12}C(β^+), (β^-), (n), (p), (IT); measured γ, particle spectra, limits of half-lives for Pauli-forbidden transitions using Borexino detector. Comparison with previous measurements. Test of Pauli exclusion principle for nucleons in ^{12}C through search for γ, neutron, proton, β^- or β^+ emission in Pauli-forbidden transition from 1p$_{3/2}$-shell nucleons to the filled 1s$_{1/2}$ shell in nuclei. JOUR PRVCA 81 034317

A=13

^{13}Be	2010KO17	NUCLEAR REACTIONS ^{1}H(^{14}Be, X)^{13}Be, E=69 MeV / nucleon; measured reaction fragments; deduced σ, σ(E), p- and d-wave resonance energies and widths, J, π. Comparison with shell model calculations. JOUR PYLBB 690 245
^{13}B	2010BA06	NUCLEAR REACTIONS ^{12}B(d, p), E=75 MeV; measured Ep, Ip, recoil ions; deduced $\sigma(\theta)$, spectroscopic factors, constrained J, π. JOUR PRLTA 104 132501
^{13}C	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010AL10	NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and $\sigma(\theta)$; deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802

A=13 *(continued)*

2010KAZZ NUCLEAR REACTIONS ^{11}B, ^{13}C(α, α'), E=388 MeV; measured Eα, I$\alpha(\theta)$; deduced d$\sigma(\theta)$ to individual states, B(E0); calculated d$\sigma(\theta)$ using DWBA with parameters from elastic scattering on ^{12}C. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P95

2010ROZZ NUCLEAR REACTIONS ^{9}Be(^{6}Li, d), E=25.5 MeV; measured Ed, Id(θ); deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using DWBA code DWUCK5. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P331

A=14

^{14}N 2010BU04 RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

A=15

^{15}C 2010CAZX NUCLEAR REACTIONS ^{13}C(^{18}O, ^{16}O), E=84 MeV; measured E(particle), Z(particle), I(particle, θ); deduced d$\sigma(\theta)$, ^{15}C energies of levels. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P187

^{15}N 2010BU04 RADIOACTIVITY ^{7}Li, ^{9}Be, ^{11}B, ^{15}N(pπ^-); measured hypernuclei mesonic weak decay π^- spectra; deduced branching ratios, J, π. JOUR IMPEE 19 1109

2010TA05 NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809

^{15}O 2010MA26 NUCLEAR REACTIONS ^{14}N(p, γ)^{15}O, E=278, 1058 keV; ^{15}N(p, α)^{12}C, E=430, 897 keV; measured γ-ray spectra, yield, angular distributions, branching ratio, and resonance strengths. ^{15}O; deduced resonances. Comparison with previous measurements. JOUR PRVCA 81 055807

A=16

^{16}B 2010SP02 NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129

^{16}C 2008WIZT NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Ep, Ip, pp-coin, Eγ, Iγ, ppγ-coin, pnγ-coin; deduced ^{16}O B(E2), ^{18}N B(M1), low-lying state T$_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P548

A=16 *(continued)*

^{16}N	2010TA05	RADIOACTIVITY ^{16}N($\beta^-\alpha$); measured Eα, Iα, α^{12}C-coin, half-life; deduced E1 component of the S factor for ^{12}C(α, γ)^{16}O reaction using a set of twin ionization chambers. R-matrix analysis. Comparison with previous studies. JOUR PRVCA 81 045809
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
^{16}O	2008MEZW	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{16}O(n, n), E≈95 MeV; ^{1,2}H, ^{12}C, ^{16}O(n, n'), E≈95 MeV; measured En, In(θ), Ep, Ip(θ), Ed, Id(θ); deduced dσ(E), dσ(θ); calculated dσ using different forces with and without 3N component. Compared to other data and calculations. CONF Nice (Nucl Data for Sci and Technol) Proc,P1039
	2010AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{9}Be, ^{12,13}C, ^{16}O(K$^-$, π^-), E at rest; measured Ep, Ip from decaying hypernucleus; analyzed reaction mechanism features, final state interactions and decay width ratios. JOUR PYLBB 685 247
	2010GI05	RADIOACTIVITY ^{18}Ne(2p) [from Pb(^{18}Ne, ^{18}Ne'), E=33 MeV / nucleon]; measured reaction fragments; deduced excitation energy spectrum, J, π, two-proton emission, branching ratio. JOUR IMPEE 19 1141
	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809

A=17

^{17}B	2010SP02	NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129
^{17}C	2008STZO	RADIOACTIVITY ^{17}C; ^{19}C; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT interaction. REPT ATOMKI 2008 Annual,P20,Stanoiu
	2008STZO	NUCLEAR REACTIONS ^{17}C(p, p'), E not given; measured reaction products; deduced E, J, π. REPT ATOMKI 2008 Annual,P20,Stanoiu
^{17}N	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073
^{17}O	2008RIZX	RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

A=17 *(continued)*

^{17}Ne	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

A=18

^{18}B	2010SP02	NUCLEAR REACTIONS Be(^{19}C, pX)^{18}B, E=62 MeV / nucleon; Be(^{17}C, pX)^{16}B, E=55 MeV / nucleon; measured decay energy spectra, (fragment)(neutron)-coin using time of flight technique with Modular Neutron Array (MoNA). ^{16}B; deduced ground state energies. ^{17}B; deduced level energies, J, π. ^{18}B; calculated level energies, J, π. Comparison with shell model calculations using WBP interaction and other data. Secondary radioactive beam. JOUR PYLBB 683 129
^{18}N	2008WIZT	NUCLEAR REACTIONS ^{9}Be(^{11}B, 2p), E=50 MeV; ^{9}Be(^{9}Be, 2p), E=40 MeV; measured Ep, Ip, pp-coin, Eγ, Iγ, ppγ-coin, pnγ-coin; deduced ^{16}O B(E2), ^{18}N B(M1), low-lying state T$_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P548
^{18}O	2009JO08	NUCLEAR REACTIONS ^{4}He(^{14}C, ^{14}C), E=25 MeV; measured σ(E, θ). ^{18}O; deduced levels, widths, J, π using R-matrix analysis. JOUR ZAANE 42 135
	2010GA04	RADIOACTIVITY ^{18}F(EC) [from ^{18}O(p, n)]; measured Eγ, Iγ, Ee, Ie; deduced T$_{1/2}$. JOUR ARISE 68 1561
	2010NE03	NUCLEAR REACTIONS ^{17}O(p, γ)^{18}O, E=151, 275, 300, 325, 400, 450, 500, 519 keV; measured Eγ, Iγ; deduced levels, total yields, σ, and total S factors. Compared with previous work. JOUR PRVCA 81 045801
^{18}F	2010GA04	RADIOACTIVITY ^{18}F(EC) [from ^{18}O(p, n)]; measured Eγ, Iγ, Ee, Ie; deduced T$_{1/2}$. JOUR ARISE 68 1561
	2010NE03	NUCLEAR REACTIONS ^{17}O(p, γ)^{18}O, E=151, 275, 300, 325, 400, 450, 500, 519 keV; measured Eγ, Iγ; deduced levels, total yields, σ, and total S factors. Compared with previous work. JOUR PRVCA 81 045801
^{18}Ne	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced T$_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, T$_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced T$_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
	2010GI05	RADIOACTIVITY ^{18}Ne(2p) [from Pb(^{18}Ne, ^{18}Ne'), E=33 MeV / nucleon]; measured reaction fragments; deduced excitation energy spectrum, J, π, two-proton emission, branching ratio. JOUR IMPEE 19 1141

A=18 *(continued)*

2010RAZZ   RADIOACTIVITY ^{18}Ne[from ^{20}Ne+^{9}Be fragmentation at 45 MeV / nucleon]; measured reaction products of proton decay and two-proton decay; deduced ^{17}F, ^{16}O E, J, π, relative momentum spectra and angular distributions in ^{16}O+2p system. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P283

A=19

^{19}C   2008STZ0   RADIOACTIVITY ^{17}C; ^{19}C; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT interaction. REPT ATOMKI 2008 Annual,P20,Stanoiu

^{19}N   2008SUZN   RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

^{19}O   2008SUZN   RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

2010CAZY   NUCLEAR REACTIONS ^{19}F(^{7}Li, ^{7}Be), E=52.2 MeV; measured E(particle), I(particle, θ); deduced d$\sigma(\theta)$. Preliminary. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P181

A=20

^{20}N   2008SOZT   RADIOACTIVITY ^{20}N; ^{22}N; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT, WBTM interactions. REPT ATOMKI 2008 Annual,P21,Sohler

2008SUZN   RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

A=20 *(continued)*

^{20}O	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
^{20}Ne	2010TA05	NUCLEAR REACTIONS ^{2}H(^{15}N, p)^{15}N / ^{16}N / ^{16}O / ^{20}Ne, E=82 MeV; measured fragment yields. JOUR PRVCA 81 045809
	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957
^{20}Na	2010WR01	NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503
	2010WR01	ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503

A=21

^{21}Na	2010ZH15	RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957

A=22

^{22}N	2008SOZT	RADIOACTIVITY ^{20}N; ^{22}N; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J; calculated E, J, π using shell model with WBT, WBTM interactions. REPT ATOMKI 2008 Annual,P21,Sohler
	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi
^{22}O	2008SUZN	RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

A=22 *(continued)*

^{22}Mg 2010ZH15 RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957

A=23

^{23}O 2008FRZY NUCLEAR REACTIONS ^{9}Be(^{26}Ne, 2pX)^{23}O / ^{24}O, E=86 MeV / nucleon; measured reaction products; ^{23}O deduced energy levels, J, π for unbound states. Two-proton knockout reactions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P23,Frank

  2008SUZN RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

^{23}F 2008SUZN RADIOACTIVITY ^{19}N(β^-); ^{20}N(β^-); ^{22}N(β^-); measured Iβ, Eγ, Iγ(t), $\beta\gamma$-coin, , β-delayed En, In(θ, t); deduced B(GT) distribution, ^{22}O new negative parity states; ^{23}O(β^-); measured Eβ, Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced E, J, π; calculated E, J, π, Eγ, Iγ using sd-shell model space with USDB interactions; deduced neutron emission probability. Results on CD only. CONF E.Lansing (NS2008),P11,Sumithrarachchi

^{23}Na 2010LO05 NUCLEAR REACTIONS ^{22}Ne, ^{27}Al(p, γ), E=400-505 keV; measured Eγ, Iγ, yields and resonance strengths. Comparison with previous data. Relevance to of resonance strengths in the ^{22}Ne(p, γ)^{23}Na hydrogen-burning reaction and in the ^{22}Ne(α, γ) s-process neutron-source reactions. JOUR PRVCA 81 055804

^{23}Mg 2010FUZZ NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

^{23}Al 2009NAZV RADIOACTIVITY ^{23}Al[from ^{9}Be+^{24}Mg at 100 MeV / nucleon]; measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P23,Nagatomo

  2010AL10 NUCLEAR REACTIONS ^{13}C(^{12}C, ^{13}C), (^{12}C, ^{12}C), E=10.6 MeV / nucleon; ^{12}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{22}Ne'), ^{13}C(^{22}Ne, ^{22}Ne), (^{22}Ne, ^{23}Ne), E=12 MeV / nucleon; measured particle spectra, σ and $\sigma(\theta)$; deduced optical model parameters and asymptotic normalization coefficients (ANC). ^{22}Mg(p, γ); deduced direct and resonant capture rates, and effect on the depletion of ^{22}Na in O-Ne Novae. JOUR PRVCA 81 035802

  2010ZH15 RADIOACTIVITY ^{23}Al, ^{22}Mg(2p) [from ^{12}C(^{23}Al, X), (^{22}Mg, X), (^{21}Na, X), (^{20}Ne, X), E=60-70 MeV / nucleon]; measured decay products; deduced trajectories, di-proton emission. JOUR IMPEE 19 957

A=24

^{24}O   2008FRZY   NUCLEAR REACTIONS ^{9}Be(^{26}Ne, 2pX)^{23}O / ^{24}O, E=86 MeV / nucleon; measured reaction products; ^{23}O deduced energy levels, J, π for unbound states. Two-proton knockout reactions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P23,Frank

^{24}Na   2008BEZI   NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003

      2008OCZZ   NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

^{24}Al   2010ER02   NUCLEAR REACTIONS ^{23}Mg(p, γ)^{24}Al, E=500 keV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, (recoil)γ(t), thick target yields, resonance strengths; deduced resonance, reaction rates. DRAGON recoil spectrometer. GEANT3 simulations. JOUR PRVCA 81 045808

      2010WR01   NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503

      2010WR01   ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503

A=25

^{25}Ne   2010CA10   NUCLEAR REACTIONS ^{2}H(^{24}Ne, pγ)^{25}Ne, E=10.6 MeV / nucleon; measured neutron transfer reaction products, Eγ, Iγ, p-γ-coin.; deduced $\sigma(\theta)$, level energies, J, π, orbital momentum, level inversion, N=16 shell gap. USD shell model. JOUR PRLTA 104 192501

^{25}Al   2010FUZZ   NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=26

^{26}Na	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced T$_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, T$_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced T$_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
^{26}Mg	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced T$_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, T$_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced T$_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
^{26}Al	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
^{26}Si	2010KW02	ATOMIC MASSES ^{26}Si; measured mass using LEBIT Penning trap mass spectrometer. Comparison with other experimental results. JOUR PRVCA 81 058501

A=27

^{27}Mg	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{27}Al	2010AB06	NUCLEAR REACTIONS ^{27}Al(^{7}Li, ^{7}Li), E=7-11 MeV; measured reaction products; deduced elastic scattering σ, $\sigma(\theta)$. Optical potentials, comparison with previous experimental data. JOUR NIMBE 268 1793

A=28

^{28}Na   2008TRZW   RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525

^{28}Mg   2008STZU   NUCLEAR REACTIONS Cl(p, x)^{28}Mg, E2s=$\approx$50-200 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1391

           2008TRZW   RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525

^{28}Al   2008BEZI   NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003

           2008NOZX   NUCLEAR REACTIONS ^{27}Al(n, n'x), E=90-110 MeV; ^{27}Al(n, γ), E=90-110 MeV; measured En, In(θ), Eγ, I$\gamma(\theta)$; deduced dσ(E, θ); calculated neutron dσ(E, θ) using PHITS, GNASH, TALYS. CONF Nice (Nucl Data for Sci and Technol) Proc,P1043

^{28}Si   2010KO11   NUCLEAR REACTIONS K(p, p), ^{27}Al(p, γ) E=3-5 MeV; NUCLEAR REACTIONS ^{39}K(p, α), E=4-5 MeV; measured reaction products, Eγ, Iγ; deduced yields, $\sigma(\theta)$. JOUR NIMBE 268 1797

           2010LO05   NUCLEAR REACTIONS ^{22}Ne, ^{27}Al(p, γ), E=400-505 keV; measured Eγ, Iγ, yields and resonance strengths. Comparison with previous data. Relevance to of resonance strengths in the ^{22}Ne(p, γ)^{23}Na hydrogen-burning reaction and in the ^{22}Ne(α, γ) s-process neutron-source reactions. JOUR PRVCA 81 055804

           2010TO03   NUCLEAR REACTIONS ^{12}C, ^{28}Si(p, p), E=4.9-6.1 MeV; measured scattered protons; deduced yields, stopping σ, sharp nuclear resonances. JOUR NIMBE 268 1749

^{28}P   2010WR01   NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503

           2010WR01   ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503

           2010XU03   NUCLEAR REACTIONS ^{197}Au(^{28}P, ^{28}P'), E=46.5 MeV / nucleon [^{28}P secondary beam from ^{9}Be(^{32}S, X), E=80.4 MeV / nucleon primary reaction]; measured Ep, Ip, time of flight, (^{26}Al)(p)(p)-coin. ^{28}P; deduced levels, two-proton emission from excited states.^{9}Be(^{32}S, X)^{22}Ne / ^{23}Na / ^{24}Mg / ^{25}Al / ^{26}Al / ^{27}Si / ^{28}P / ^{29}S, E=80.4 MeV / nucleon; measured yields. JOUR PRVCA 81 054317

A=29

^{29}F	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
^{29}Na	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{29}Mg	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525

A=30

^{30}Ne	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302
^{30}Na	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525
^{30}Mg	2008TRZW	RADIOACTIVITY ^{28,29,30}Na(β^-)[from ^{48}Ca fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin, (fragment)$\beta\gamma$-coin, (fragment)$\beta\gamma\gamma$-coin; deduced E, J, π, log ft; calculated E, J, π using shell model with USDA interaction, Monte Carlo shell model with SDPF-M interaction. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P525

A=31

^{31}F	2010FA04	NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302

A=31 *(continued)*

^{31}Na   2010DO05   NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305

^{31}S   2010DO03   NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, T$_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218

A=32

^{32}Na   2010DO05   NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305

^{32}Mg   2010FA04   NUCLEAR REACTIONS ^{9}Be(^{32}Mg, ^{30}Ne), E=86.7, 99.7 MeV / nucleon; measured Eγ, Iγ, and σ using SeGA array. ^{32}Mg beam from ^{9}Be(^{48}Ca, X), E=140 MeV / nucleon. ^{30}Ne; deduced levels, J, π, intruder configuration. ^{29,31}F; discussed implications for binding energies. ^{32}Mg; deduced configuration. Comparison with large-scale shell model calculations. JOUR PRVCA 81 041302

^{32}Cl   2010WR01   NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503

    2010WR01   ATOMIC MASSES ^{20}Na, ^{24}Al, ^{28}P, ^{32}Cl; measured mass excesses using (^{3}He, t) reaction. ^{36}Ar(^{3}He, t)^{36}K used for calibration. Comparison with AME-2003. JOUR PRVCA 81 055503

A=33

^{33}Na   2010DO05   NUCLEAR REACTIONS C(^{32}Na, ^{32}Na'), (^{33}Na, ^{33}Na'), (^{32}Na, ^{31}Na), (^{34}Na, ^{33}Na), E AP 240 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin using DALI2 array. ^{31}Na, ^{32}Na, ^{33}Na; deduced levels, J, π, configurations and relevance to island of inversion nuclei. Comparison with shell-model calculations and level systematics of ^{21,23,25,27,29,31,33}Na nuclei. JOUR PRVCA 81 041305

^{33}Mg   2010KA05   NUCLEAR REACTIONS C(^{33}Mg, ^{32}Mg), E=898 MeV / nucleon; measured ^{32}Mg fragments using MUSIC setup at GSI, σ, longitudinal momentum distribution. ^{33}Mg; deduced ground state configuration, relevance to 'Island of Inversion'. Monte Carlo shell model (MCSM) calculation with the SDPF-M interaction. ^{33}Mg beam produced in Be(^{48}Ca, X) at 1 GeV / nucleon. JOUR PYLBB 685 253

A=33 *(continued)*

^{33}Al	2009NA41	RADIOACTIVITY ^{33}Al(β^-)[from Be(^{36}S, X), E=77.5 MeV / nucleon]; measured β-NQR spectra from polarized ^{33}Al nuclei. LISE spectrometer at GANIL. JOUR ZAANE 42 383
	2009NA41	NUCLEAR MOMENTS ^{33}Al; measured electric quadrupole moment by β-ray detected nuclear quadrupole resonance (β-NQR) method. Relevance to 'Island of Inversion'. Polarized ^{33}Al nuclei. JOUR ZAANE 42 383
	2009UEZZ	RADIOACTIVITY ^{33}Al(β^-)[from ^{9}Be+^{36}S at 77.5 MeV / nucleon];measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P22,Ueno
^{33}Si	2009NA41	RADIOACTIVITY ^{33}Al(β^-)[from Be(^{36}S, X), E=77.5 MeV / nucleon]; measured β-NQR spectra from polarized ^{33}Al nuclei. LISE spectrometer at GANIL. JOUR ZAANE 42 383
	2009UEZZ	RADIOACTIVITY ^{33}Al(β^-)[from ^{9}Be+^{36}S at 77.5 MeV / nucleon];measured β-NMR from polarized source; deduced electric quadrupole moment. REPT RIKEN 2008 Annual,P22,Ueno

A=34

^{34}Si	2010ZE03	NUCLEAR REACTIONS ^{34}P(^{7}Li, γ^7Be)^{34}Si, E=100 MeV / nucleon; measured Eγ, Iγ, γ-particle coin.; deduced $\sigma(\theta)$, β^+ Gamow-Teller transition strength distribution. Comparison with shell model calculations. JOUR PRLTA 104 212504
^{34}S	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305
^{34}Cl	2010DO03	NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, T$_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218

A=35

^{35}S	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=36

^{36}S	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2010WA12	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=36 *(continued)*

^{36}K   2010WR01   NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{28}Si, ^{32}S, ^{36}Ar(^{3}He, t), E=32 MeV; measured triton spectra using Q3D magnetic spectrograph; deduced levels, Q values, mass excesses. JOUR PRVCA 81 055503

^{36}Ca   2008AZZZ   NUCLEAR REACTIONS ^{9}Be(^{37}Ca, n), E=60 Mev / nucleon; measured Eγ, Iγ, reaction products; ^{36}Ca; deduced level energies, J, π.Comparison with ^{36}S. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

A=37

^{37}S   2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=38

^{38}S   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

         2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin using PRISMA spectrometer and CLARA array. ^{40}S; deduced levels, J, π, B(E2), configurations. Comparison with previous work and large-scale sd-pf shell model calculations. Systematics of energies of first 2+ and 4+ states and B(E2) for ^{38,40,42,44}S nuclei. ^{38}S; measured Eγ, Iγ. JOUR PRVCA 81 054305

         2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

^{38}Ar   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

^{38}K   2008SVZX   RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced T$_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, T$_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced T$_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson

^{38}Ca   2008KOYY   RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

A=39

^{39}S   2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

^{39}K   2010YA05   NUCLEAR REACTIONS ^{40}Ca(polarized p, 2p), E=392 MeV; measured Ep, Ip, σ, recoil-momemntum distributions, and analyzing powers using Grand Raiden spectrometer. ^{39}K; deduced levels, strength distributions, centroid energies, widths, spectroscopic factors. ^{40}Ca; deduced spectroscopic factors and strength distributions for the deeply bound orbitals. DWIA analysis. Comparison with predictions of Independent-Particle shell Model. JOUR PRVCA 81 044315

A=40

^{40}S   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

   2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=215 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin using PRISMA spectrometer and CLARA array. ^{40}S; deduced levels, J, π, B(E2), configurations. Comparison with previous work and large-scale sd-pf shell model calculations. Systematics of energies of first 2+ and 4+ states and B(E2) for ^{38,40,42,44}S nuclei. ^{38}S; measured Eγ, Iγ. JOUR PRVCA 81 054305

   2010WA12   NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

^{40}Ar   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

   2010ID02   NUCLEAR REACTIONS ^{26}Mg(^{18}O, 2n2p), E=69 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin using Gemini-II and Si-Ball detector arrays. ^{40}Ar; deduced levels, J, π, deformation, related features and lifetimes using DSA; calculated configuration using HFB method. Comparison with ^{36}Ar and ^{40}Ca systematics. JOUR PYLBB 686 18

^{40}Ca   2010DO03   NUCLEAR REACTIONS ^{9}Be(^{37}Ca, X)^{34}Cl / ^{31}S, E=195.7 MeV / nucleon; measured reaction products, Eγ, Iγ; deduced energies, J, π, T$_{1/2}$. ^{40}Ca fragmentation beams. JOUR NIMAE 613 218

   2010KR06   NUCLEAR REACTIONS ^{40,48}Ca(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured σ, $\sigma(\theta)$; deduced optical model parameters B(E2) for first 2+ states, B(E3) for first 3- states, isoscalar giant-monopole resonance (ISGMR) strength, EWSR. DWBA analysis. Comparison with theoretical calculations using density-dependent double-folding (DDF) model with M3Y-NN effective interaction. JOUR PRVCA 81 044612

A=40 *(continued)*

2010YA05 NUCLEAR REACTIONS ^{40}Ca(polarized p, 2p), E=392 MeV; measured Ep, Ip, σ, recoil-momemntum distributions, and analyzing powers using Grand Raiden spectrometer. ^{39}K; deduced levels, strength distributions, centroid energies, widths, spectroscopic factors. ^{40}Ca; deduced spectroscopic factors and strength distributions for the deeply bound orbitals. DWIA analysis. Comparison with predictions of Independent-Particle shell Model. JOUR PRVCA 81 044315

A=41

^{41}S   2010WA12 NUCLEAR REACTIONS ^{208}Pb(^{36}S, X)^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{39}S / ^{40}S / ^{41}S, E=215 MeV; measured yields. JOUR PRVCA 81 054305

A=42

^{42}Si   2008AZZZ NUCLEAR REACTIONS ^{9}Be(^{42}Si, ^{42}Si'), E not given; measured Eγ, Iγ, reaction products; ^{42}Si; deduced level energies, J, π. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

^{42}Ar   2008BEZH NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

^{42}Sc   2010FUZZ NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=43

No references found

A=44

^{44}Cl   2010DE11 NUCLEAR REACTIONS ^{9}Be(^{48}Ca, X)^{44}Cl, E=60 MeV / nucleon; measured β-NMR resonance Larmor frequency; deduced g factor, levels, J, π, configurations. JOUR PRVCA 81 034308

2010DE11 NUCLEAR MOMENTS ^{44}Cl; measured g factor by Larmor frequency using β-NMR method. Comparison with systematics of ^{39,41,43,45}Cl, ^{46}K and with shell-model calculations. JOUR PRVCA 81 034308

^{44}Sc   2010GA03 NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

A=45

^{45}Cr   2008AZZZ   NUCLEAR REACTIONS ^{9}Be(^{37}Ca, n), E=60 Mev / nucleon; measured Eγ, Iγ, reaction products; ^{36}Ca; deduced level energies, J, π.Comparison with ^{36}S. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

A=46

^{46}Ar   2008FOZV   NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{51}Ca / ^{46}Ar, E=330 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.; deduced energy levels, J, π, yrast structures. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P283,Fornal

^{46}Sc   2010GA03   NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

^{46}V   2008MAZH   NUCLEAR REACTIONS ^{3}He(^{44}Ti, p), E=242 MeV; measured Ep, Ip; deduced dσ(0^+) / dσ(1^+). Results on CD only. CONF E.Lansing (NS2008),P6,Macchiavelli

         2010FUZZ   NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

^{46}Cr   2008WAZP   RADIOACTIVITY ^{46}Cr; measured β-delayed Eγ, Iγ(t); deduced ^{46}Cr, ^{46}V T$_{1/2}$. REPT CNS-REP-61,P25,Wakabayashi

         2009WAZU   RADIOACTIVITY ^{46}Cr[from ^{36}Ar+^{12}C fusion]; measured Eβ, Iβ, Eγ, Iγ, ToF. Further analysis in progress. REPT RIKEN 2008 Annual,P19,Wakabayashi

A=47

^{47}Sc   2010GA03   NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

^{47}V   2010GA03   NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

A=48

^{48}Ca   2010KR06   NUCLEAR REACTIONS ^{40,48}Ca(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=240 MeV; measured σ, $\sigma(\theta)$; deduced optical model parameters B(E2) for first 2+ states, B(E3) for first 3- states, isoscalar giant-monopole resonance (ISGMR) strength, EWSR. DWBA analysis. Comparison with theoretical calculations using density-dependent double-folding (DDF) model with M3Y-NN effective interaction. JOUR PRVCA 81 044612

A=48 *(continued)*

^{48}Sc	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{48}V	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392

A=49

^{49}Ca	2008ZAZX	NUCLEAR REACTIONS ^{48}Ca(n, γ), E=thermal; measured Eγ, Iγ; deduced σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P1263
^{49}Cr	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=50

^{50}K	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{50}Mn	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV; ^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346
	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=51

^{51}Ca	2008F0ZV	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{51}Ca / ^{46}Ar, E=330 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.; deduced energy levels, J, π, yrast structures. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P283,Fornal
^{51}Ti	2010GA03	NUCLEAR REACTIONS Ti(d, X)^{47}V / ^{48}V / ^{44}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{51}Ti, E=3-9 MeV; measured Eγ, Iγ; deduced σ, ^{47}V / ^{46}Sc EOB ratio. JOUR NIMBE 268 1392
^{51}Mn	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

A=52

^{52}Mn	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

A=53

^{53}Mn	2010CH15	NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

A=54

^{54}Mn   2008OCZZ   NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

            2010CH15   NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV; ^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

            2010UD01   NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656

^{54}Co   2008BOZG   RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(EC); measured E(CE), I(CE). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83

            2008FAZZ   RADIOACTIVITY ^{54}Ni(EC); measured Eγ, Iγ, γ-γ-coin.; deduced level energies, J, π, isomeric state, T$_{1/2}$. Comparison with ^{54}Fe. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P65,Fahlander

            2008GOZP   RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni T$_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

            2010FUZZ   NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

^{54}Ni   2008BOZG   RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(EC); measured E(CE), I(CE). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83

            2008FAZZ   RADIOACTIVITY ^{54}Ni(EC); measured Eγ, Iγ, γ-γ-coin.; deduced level energies, J, π, isomeric state, T$_{1/2}$. Comparison with ^{54}Fe. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P65,Fahlander

            2008GOZP   RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni T$_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

A=55

^{55}Ti   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

A=56

^{56}Mn   2010CH15   NUCLEAR REACTIONS ^{50,52}Cr(p, n), E=14 MeV; ^{50}Cr(d, n), E=13 MeV;^{55}Mn(p, xnp)^{53}Mn / ^{54}Mn, E=33 MeV; ^{56}Fe(d, 2p), E=25 MeV; measured hyperfine spectra; deduced magnetic dipole moments, quadrupole moments, mean-square charge radii, shell closure. Comparison with shell model calculation using GXPF1A interaction. JOUR PYLBB 690 346

^{56}Fe   2008NEZY   NUCLEAR REACTIONS ^{56}Fe, ^{206}Pb(n, n'γ), E$\approx$1000-19000 keV; measured Eγ, I$\gamma(\theta)$; deduced σ. Preliminary results. CONF Nice (Nucl Data for Sci and Technol) Proc,P1016

           2010FO01   NUCLEAR REACTIONS ^{56}Fe(n, n'γ), E=1-250 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin using GEANIE array. ^{56}Fe; deduced levels, J, π. Discussed first 3- state in ^{56}Fe. JOUR PRVCA 81 037304

^{56}Co   2008OCZZ   NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=57

^{57}Fe   2010RU01   NUCLEAR REACTIONS ^{28}Si(^{32}Si, n2p)^{57}Ni, E=130 MeV; measured Eγ, Iγ, γ-γ-coins.; deduced high-spin states, superdeformed rotational bands. Cranked Nilsson-Strutinsky calculations, GAMMASPHERE. JOUR JPGPE 37 075105

^{57}Co   2008DIZR   NUCLEAR REACTIONS Fe(d, x)^{57}Co, E$\approx$0-22 MeV; measured Eγ, Iγ; deduced σ; calculated σ using ALICE-IPPE. CONF Nice (Nucl Data for Sci and Technol) Proc,P1375

           2008OCZZ   NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

^{57}Ni   2010RU01   NUCLEAR REACTIONS ^{28}Si(^{32}Si, n2p)^{57}Ni, E=130 MeV; measured Eγ, Iγ, γ-γ-coins.; deduced high-spin states, superdeformed rotational bands. Cranked Nilsson-Strutinsky calculations, GAMMASPHERE. JOUR JPGPE 37 075105

A=58

^{58}Cu   2010FUZZ   NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=59

^{59}Fe   2010UD01   NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656

A=60

^{60}V   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

^{60}Cr   2010GA06   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=61

^{61}Fe   2010FE01   ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

A=61 *(continued)*

^{61}Cu   2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=62

^{62}Cr   2010GA06   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

^{62}Mn   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=62 *(continued)*

^{62}Fe	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{62}Ga	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced T$_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced T$_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, T$_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced T$_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson
^{62}Ge	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni T$_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

A=63

^{63}Fe	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{63}Ni	2010QI02	NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209
^{63}Cu	2010DE09	NUCLEAR REACTIONS ^{63,65}Cu(e, e'), E=120, 150, 225 MeV; measured Ee, Ie; ^{63,65}Cu deduced level energies, multipolarities, B(E1), B(E2), B(E3). JOUR PANUE 73 395

A=63 *(continued)*

^{63}Zn   `2008BEZI`   NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003

         `2008OCZZ`   NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=64

^{64}Cr   `2010GA06`   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

^{64}Mn   `2010DA06`   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

^{64}Fe   `2008KRZV`   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

A=64 *(continued)*

	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{64}Co	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{64}Cu	2008BEZI	NUCLEAR REACTIONS ^{27}Al(d, pα), E≈3-22 MeV; ^{27}Al(d, 2p), E≈3-20 MeV; ^{27}Al(d, p), E≈3-20 MeV; ^{63,65}Cu(d, 2n), E≈3-20 MeV; ^{63}Cu(d, p), E≈3-20 MeV; ^{65}Cu(d, 2p), E≈3-20 MeV; ^{65}Cu(d, 3p), E≈3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003
	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E≈3-19 MeV; Zn(d, x)^{64}Cu, E≈3-19 MeV; Zn(d, x)^{66}Ga, E≈3-19 MeV; Zn(d, x)^{67}Ga, E≈3-19 MeV; Zn(d, x)^{65}Zn, E≈3-19 MeV; Zn(d, x)^{69}Zn, E≈3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E≈3-20 MeV; ^{232}Th(p, 3n), E≈13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=64 *(continued)*

^{64}Zn   2010SC12   NUCLEAR REACTIONS ^{64}Zn(^{9}Be, ^{9}Be), (^{10}Be, ^{10}Be), (^{11}Be, ^{11}Be), E=29.4, 29.8 MeV; measured reaction products; deduced elastic scattering σ, $\sigma(\theta)$, halo nuclei. JOUR IMPEE 19 1236

A=65

^{65}Mn   2010GA06   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

^{65}Fe   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

         2010FE01   ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

^{65}Co   2010FE01   ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

A=65 *(continued)*

^{65}Ni   2008BEZI   NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003

^{65}Cu   2010DE09   NUCLEAR REACTIONS ^{63,65}Cu(e, e'), E=120, 150, 225 MeV; measured Ee, Ie; ^{63,65}Cu deduced level energies, multipolarities, B(E1), B(E2), B(E3). JOUR PANUE 73 395

^{65}Zn   2008BEZI   NUCLEAR REACTIONS ^{27}Al(d, pα), E$\approx$3-22 MeV; ^{27}Al(d, 2p), E$\approx$3-20 MeV; ^{27}Al(d, p), E$\approx$3-20 MeV; ^{63,65}Cu(d, 2n), E$\approx$3-20 MeV; ^{63}Cu(d, p), E$\approx$3-20 MeV; ^{65}Cu(d, 2p), E$\approx$3-20 MeV; ^{65}Cu(d, 3p), E$\approx$3-20 MeV; measured Eγ, Iγ(t); deduced σ, T$_{1/2}$. Compared to EXFOR data and Pade fit of Takacs. CONF Nice (Nucl Data for Sci and Technol) Proc,P1003

      2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=66

^{66}Mn   2010GA06   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

A=66 *(continued)*

^{66}Fe	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
	2010GA06	NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304
^{66}Co	2010FE01	ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318
^{66}Ga	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=66 *(continued)*

^{66}Ge 2008WEZW RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), $T_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner

A=67

^{67}Fe 2010DA06 NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

 2010FE01 ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

 2010GA06 NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

^{67}Co 2010FE01 ATOMIC MASSES ^{63,64,65,65m,66}Fe, ^{64,65,66,67,67m}Co; measured cyclotron resonance frequencies and mass excesses using LEBIT Penning-trap mass spectrometer. Comparison with AME-2003 evaluation. ^{61,63,65,67}Fe; systematics of low-lying levels. Z=24-31, N=35-44; systematics of two-neutron separation energies. JOUR PRVCA 81 044318

A=67 *(continued)*

^{67}Ga   2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

       2010CH16   NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

       2010HE04   NUCLEAR REACTIONS Cd$(\alpha, xn\alpha)$, ^{108}Cd$(\alpha, 2n)$, (α, p), (α, np), $(\alpha, 2np)$, $(\alpha, 3np)$, ^{106}Cd(α, np), ^{109}Cd(α, np), $(\alpha, 3np)$, ^{110}Cd(α, n), (α, p), $(\alpha, 2np)$, $(\alpha, 3np)$, ^{111}Cd(α, p), (α, np), $(\alpha, 3np)$, ^{112}Cd$(\alpha, 3n)$, (α, p), (α, np), $(\alpha, 2np)$, ^{113}Cd(α, p), (α, np), $(\alpha, 2np)$, $(\alpha, 3np)$, ^{114}Cd(α, n), (α, p), (α, np), $(\alpha, 2np)$, $(\alpha, 3np)$, $(\alpha, 4np)$, $(\alpha, n2p)$, ^{116}Cd$(\alpha, 3n)$, $(\alpha, 2np)$, $(\alpha, 3np)$, $(\alpha, 3n2p)$, Cu$(\alpha, X)^{66}$Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{67}As   2008ORZZ   NUCLEAR REACTIONS ^{40}Ca$(^{32}$S, n$\alpha)$, $(^{32}$S, p$\alpha)$, E=90 MeV; measured reaction products, Eγ, Iγ;^{67}As, ^{67}Se; deduced level energies, J, π, B(E1)T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P307,Orlandi

^{67}Se   2008ORZZ   NUCLEAR REACTIONS ^{40}Ca$(^{32}$S, n$\alpha)$, $(^{32}$S, p$\alpha)$, E=90 MeV; measured reaction products, Eγ, Iγ;^{67}As, ^{67}Se; deduced level energies, J, π, B(E1)T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P307,Orlandi

A=68

^{68}Co   2010DA06   NUCLEAR REACTIONS Ni$(^{86}$Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

^{68}Zn   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

A=68 *(continued)*

^{68}Ge   2008WEZW   RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), T$_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner

A=69

^{69}Co   2010GA06   NUCLEAR REACTIONS ^{9}Be(^{62}Fe, ^{62}Fe'), E=73.0 MeV / nucleon [^{62}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Fe, ^{64}Fe'), E=67.5 MeV / nucleon [^{64}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{66}Fe, ^{66}Fe'), E=82.6 MeV / nucleon [^{66}Fe secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{60}Cr, ^{60}Cr'), E=80.6 MeV / nucleon [^{60}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{62}Cr, ^{62}Cr'), E=74.6 MeV / nucleon [^{62}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon], ^{9}Be(^{64}Cr, ^{64}Cr'), E=87.0 MeV / nucleon [^{64}Cr secondary beam from primary reaction ^{9}Be(^{76}Ge, X), E=130 MeV / nucleon]; measured Eγ, Iγ, (particle)γ-coin, σ. ^{62,64,66}Fe, ^{60,62,64}Cr; deduced levels, J, π. Comparison with large-scale shell-model calculations in different model spaces. ^{9}Be(^{76}Ge, X)^{62}Fe / ^{64}Fe / ^{66}Fe / ^{60}Cr / ^{62}Cr / ^{64}Cr / ^{65}Mn / ^{66}Mn / ^{67}Fe / ^{69}Co, E=130 MeV / nucleon; measured yields of secondary ion beams. JOUR PRVCA 81 051304

^{69}Cu   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2-states. JOUR PRVCA 81 034304

^{69}Zn   2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

^{69}Ga   2010CH16   NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

A=70

^{70}Co	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{70}Ni	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
^{70}Ge	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
^{70}Se	2008LJZZ	NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), E not given; ^{40}Ca(^{36}Ar, 4p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin using plunger technique; deduced ^{70}Se T$_{1/2}$, B(E2), deformation; calculated E, J, π, configuration mixing, shape coexistence. Results on CD only. CONF E.Lansing (NS2008),P8,Ljungvall

A=71

^{71}Co	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
^{71}Ni	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
^{71}Cu	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304
^{71}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

A=71 *(continued)*

^{71}Kr   2008NAZR   NUCLEAR REACTIONS Ca(^{36}Na, np), E=103 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\beta\gamma$-coin; deduced E, J, π; Ca(^{32}S, x)^{71}Kr, E not given; Ca(^{33}S, x)^{71}Kr, E not given; measured Eγ, Iγ. Results on CD only. CONF E.Lansing (NS2008),P4,Nara Singh

A=72

^{72}Co   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{72}Ni   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{72}Ge   2008STZT   RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379

^{72}Se   2008LJZZ   NUCLEAR REACTIONS ^{40}Ca(^{36}Ar, 2pα), E not given; ^{40}Ca(^{36}Ar, 4p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin using plunger technique; deduced ^{70}Se T$_{1/2}$, B(E2), deformation; calculated E, J, π, configuration mixing, shape coexistence. Results on CD only. CONF E.Lansing (NS2008),P8,Ljungvall

A=73

^{73}Co   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{73}Ni   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{73}Cu   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2-states. JOUR PRVCA 81 034304

A=73 *(continued)*

^{73}Ga   2010CH16   NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

^{73}Kr   2010ST05   NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα)^{73}Kr, E=185 MeV; measured Eγ, Iγ, $\gamma\gamma$-, p$\gamma\gamma$-, n$\gamma\gamma$-, $\alpha\gamma\gamma$-coin, DCO using EUROBALL spectrometer. ^{73}Kr; deduced levels, J, π, rotational bands, moment of inertia. Comparison with band structures of ^{75}Kr and ^{77}Kr and with configuration-dependent Cranked Nilsson-Strutinsky calculations. JOUR PRVCA 81 054307

A=74

^{74}Co   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{74}Ni   2008RAZV   RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679

^{74}Zn   2008AZZZ   NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez

^{74}Ge   2010KO15   ATOMIC MASSES ^{74}Ge, ^{74}Se; measured masses using JYFLTRAP penning trap; deduced Q-value for neutrino-less 2EC decay. JOUR PYLBB 684 17

         2010KO15   RADIOACTIVITY ^{74}Se(2EC); deduced Q-value for neutrino-less 2EC decay from atomic mass measurements; calculated T$_{1/2}$ and nuclear matrix elements using QRPA wave functions in a multiple-commutator model. JOUR PYLBB 684 17

         2010MO03   ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501

         2010MO03   RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge(2β^-); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501

^{74}As   2008FAZU   RADIOACTIVITY ^{74}As[from ^{74}Ge(p, n)]; measured Eγ, Iγ; deduced intensity ratio β^--decay and β^+ / EC-decay. REPT ATOMKI 2008 Annual,P22,Farkas

^{74}Se   2010KO15   ATOMIC MASSES ^{74}Ge, ^{74}Se; measured masses using JYFLTRAP penning trap; deduced Q-value for neutrino-less 2EC decay. JOUR PYLBB 684 17

A=74 *(continued)*

	2010KO15	RADIOACTIVITY ^{74}Se(2EC); deduced Q-value for neutrino-less 2EC decay from atomic mass measurements; calculated $T_{1/2}$ and nuclear matrix elements using QRPA wave functions in a multiple-commutator model. JOUR PYLBB 684 17
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge($2\beta^-$); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{74}Rb	2008SVZX	RADIOACTIVITY ^{62}Ga; measured Iβ, Eγ, Iγ, $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$, log ft, branching ratio; calculated isospin symmetry breaking using shell model; ^{26}Na(β^-); measured Iβ(t), Iγ(t); deduced $T_{1/2}$; ^{18}Ne; measured Eγ, Iγ, Iβ(t), $\beta\gamma$-coin, $\gamma\gamma$-coin; deduced $T_{1/2}$; ^{38}K; measured Iβ(t); deduced isomer decay, $T_{1/2}$, M3 branching ratio, log ft; ^{74}Rb; measured decay products; deduced $T_{1/2}$, branching ratio, log ft. Results on CD only. CONF E.Lansing (NS2008),P19,Svensson

A=75

^{75}Co	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
^{75}Ni	2008RAZV	RADIOACTIVITY ^{71}Co(β^-), ^{72}Co(β^-), ^{73}Co(β^-), ^{74}Co(β^-), ^{75}Co(β^-)[from ^{9}Be(^{86}Kr, x), E=140 MeV / nucleon fragmentation]; measured Eγ, Iγ, $\gamma\gamma$-coin, β-delayed neutron decay; deduced ^{71,73}Ni E, J, π; calculated ^{69,71,73,75,77}Ni E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P679
^{75}Cu	2010DA06	NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2-states. JOUR PRVCA 81 034304
^{75}Ga	2010CH16	NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

A=76

^{76}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
^{76}Zn	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687
^{76}Ge	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
	2008STZT	RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379
	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge(2β^-); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{76}Se	2010MO03	ATOMIC MASSES ^{74,76}Se, ^{74,76}Ge; measured cyclotron frequencies in a Penning-trap system relative to ^{84}Kr, atomic masses and systematic shifts for ion pairs. Comparisons with previous measurements and with AME-2003. JOUR PRVCA 81 032501
	2010MO03	RADIOACTIVITY ^{74}Se(2EC), ^{76}Ge(2β^-); deduced Q values from measured masses. Discussed resonant enhancement for neutrinoless double-electron capture decay of ^{74}Se. JOUR PRVCA 81 032501
^{76}Kr	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=77

^{77}Cu	2008ILZZ	RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

A=77 *(continued)*

| | 2010DA06 | NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304 |

^{77}Zn 2008ILZZ RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

^{77}Ga 2010CH16 NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

^{77}Kr 2008TAZI NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=78

^{78}Cu 2008ILZZ RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

^{78}Zn 2008ILZZ RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

2010DA06 NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=78 *(continued)*

^{78}Ga   2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

A=79

^{79}Cu   2008ILZZ   RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

    2010DA06   NUCLEAR REACTIONS Ni(^{86}Kr, X), E=60.5 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin, and γ(t). Identification of A and Z by energy-loss, total-kinetic-energy, and time-of-flight measurements. ^{50}K, ^{60}V, ^{62,64}Mn, ^{65,67}Fe, ^{68,70}Co, ^{75}Cu, ^{78}Zn, ^{78}Ga; deduced isomers, half-lives, J, π, multipolarities. ^{69,71,73}Cu; deduced B(M1), B(E2) values. ^{75}Cu; deduced levels, J, π, and transition rates for proposed level-scheme scenarios and comparisons with shell-model calculations. ^{69,71,73,75,77,79}Cu; shell model calculations of 1 / 2-, 3 / 2- and 5 / 2- states. JOUR PRVCA 81 034304

^{79}Zn   2008ILZZ   RADIOACTIVITY ^{76}Cu(β^-), ^{76}Cu(β^-), ^{77}Cu(β^-), ^{78}Cu(β^-), ^{79}Cu(β^-)[from U(p, f)]; measured A(particle), Z(particle), Eγ, Iγ; deduced ^{76,77,78,79}Zn E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P687

^{79}Ga   2010CH16   NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

^{79}Se   2010KI03   NUCLEAR REACTIONS ^{80}Se(γ, n), E=10.5-16 MeV; measured emitted neutrons; deduced σ. Laser-Compton scattering (LCS). JOUR JNSTA 47 367

^{79}Kr   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=80

^{80}Zn   2008DEZP   NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis

             2008KOYY   RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

A=81

^{81}Zn   2008KOYY   RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

^{81}Ga   2008DEZP   NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis

             2010CH16   NUCLEAR REACTIONS U(p, X)^{67}Ga / ^{69}Ga / ^{71}Ga / ^{73}Ga / ^{75}Ga / ^{77}Ga / ^{79}Ga / ^{81}Ga, E=1.4 GeV; measured optical hfs spectra; deduced ground J, π, magnetic dipole and electric quadrupole moments, anomalous ground state spins. JOUR PRLTA 104 252502

^{81}Kr   2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=82

^{82}Ge	2008DEZP	NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis
	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}As	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}Se	2010WI03	RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303
^{82}Kr	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2010SO03	NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310
^{82}Rb	2010YU03	NUCLEAR REACTIONS ^{60}Ni(^{27}Al, n4p)^{82}Rb, E=130 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced g factors. Comparison with semiclassical model calculations. JOUR CPBHA 19 062701

A=83

^{83}Ga 2008WIZS RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

2010WI03 RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{83}Ge 2008CIZZ NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E$\approx$4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

2008WIZS RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

2010WI03 RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{83}As 2008DEZP NUCLEAR REACTIONS ^{192}Os, ^{238}U(^{82}Se, X)^{81}Ga / ^{82}Ge / ^{83}As / ^{80}Zn, E=460, 505 MeV; measured reaction products, Eγ, Iγ, γ-γ-coin.;deduced level energies, J, π. Comparison with shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P73,De Angelis

2010WI03 RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{83}Se 2010WI03 RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

A=83 *(continued)*

^{83}Br   2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{83}Kr   2010LI13   RADIOACTIVITY ^{83m}Kr(IT)[from ^{83}Rb(ε)]; measured Eγ, Iγ, half-life in liquid argon and neon environments. Discussed applicability of ^{83m}Kr as a calibration source for liquid argon, neon dark matter and solar neutrino detectors. JOUR PRVCA 81 045803

            2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=84

^{84}Ga   2008WIZS   RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

            2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{84}Ge   2008WIZS   RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

            2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

A=84 *(continued)*

^{84}As   2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{84}Se   2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{84}Kr   2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=85

^{85}Ga   2008WIZS   RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

                2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

^{85}Ge   2008WIZS   RADIOACTIVITY ^{83}Ga(β^-), ^{84}Ga(β^-), ^{85}Ga(β^-)[from ^{235}U+p]; measured Eγ, Iγ, Iβ, $\beta\gamma$-coin; deduced E, J, π, I. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P663

                2010WI03   RADIOACTIVITY ^{83,84,85}Ga(β^-), (β^-n) [from ^{238}U(p, F), E=54 MeV]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-, βnγ-coin, and half-lives. ^{82,83,84,85}Ge; deduced level, J, π, configurations. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); N=28-82, Z=20-50; systematics of neutron single-particle states. Comparison with spherical HFB calculations using the SKO$_T$ functionals. ^{82,83,84}Ge, ^{82,83,84}As, ^{83}Se(β^-); measured Eγ. JOUR PRVCA 81 044303

A=85 *(continued)*

^{85}Se   2008CIZZ   NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E≈4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E≈4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E≈4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

^{85}Kr   2008LEZK   NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061

         2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

         2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=86

^{86}Kr   2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=87

^{87}Br   `2008RIZX`   RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

^{87}Kr   `2008RIZX`   RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

       `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

       `2010SO03`   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy;

measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{87}Sr   `2010SE05`   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

A=88

^{88}Br   `2008RIZX`   RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

^{88}Kr   `2008RIZX`   RADIOACTIVITY ^{9}Li, ^{17}N, ^{87}Br, ^{88}Br(β^-)[from Pb, ^{209}Bi, Fe(p, x), E=1 GeV]; measured β-delayed neutron decay. CONF Nice (Nucl Data for Sci and Technol) Proc,P1073

       `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=88 *(continued)*

2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=89

^{89}Kr   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

       2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{89}Y   2008OHZT   NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced d$\sigma(\theta)$; calculated d$\sigma(\theta)$ using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023

       2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

^{89}Zr   2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

       2010ZH08   NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367

A=90

^{90}Kr   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

        2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{90}Rb   2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{90}Y   2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

        2010ZH08   NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367

A=91

^{91}Sr   2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

^{91}Y   2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

^{91}Zr   2008TAZG   NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303

A=91 *(continued)*

	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{91}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{91}Tc	2008CHZN	NUCLEAR REACTIONS ^{40}Ca(^{58}Ni, 2pα), E=240 MeV; ^{40}Ca(^{58}Ni, 3pα), E=240 MeV; ^{40}Ca(^{58}Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta$, t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=92

^{92}Y	2010SE05	NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149
^{92}Zr	2008BEZH	NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle
	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{92}Nb	2010UD01	NUCLEAR REACTIONS ^{54}Fe, ^{59}Co, ^{92}Mo(n, p), E>1.5 MeV; measured Eγ, Iγ; deduced σ. JOUR ARISE 68 1656

A=92 *(continued)*

| | 2010ZH08 | NUCLEAR REACTIONS ^{89}Y(n, γ), ^{93}Nb, ^{90}Zr(n, 2n), E=13.5-14.6 MeV;measured Eγ, Iγ; deduced σ. JOUR NIMBE 268 1367 |

^{92}Mo 2008SCZS — NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner

2010ER01 — NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319

^{92}Ru 2008CHZN — NUCLEAR REACTIONS ^{40}Ca(^{58}Ni, 2pα), E=240 MeV; ^{40}Ca(^{58}Ni, 3pα), E=240 MeV; ^{40}Ca(^{58}Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta$, t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=93

^{93}Y 2010SE05 — NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), (n, 2n), (n, X)^{89m}Y, ^{91}Zr(n, nα), (n, p), (n, X)^{90m}Y, ^{92}Zr(n, p), (n, X)^{91m}Y, ^{94}Zr(n, α), (n, p), (n, X)^{93}Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

^{93}Zr 2008TAZG — NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303

2010TA09 — NUCLEAR REACTIONS ^{92}Zr(n, γ), E=0-40 keV; measured capture yield. Deduced resonance parameters, and neutron capture σ at CERN n_TOF facility. Comparison with previous data. JOUR PRVCA 81 055801

2010UT01 — NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801

^{93}Nb 2007WA45 — NUCLEAR REACTIONS ^{82}Se(^{16}O, 4np), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, DCO ratios; ^{93}Nb; deduced high-spin levels, J, π, isomer T$_{1/2}$, configurations, γ linear polarization. Deformed independent particle model calculations. JOUR JUPSA 76 114202

A=93 *(continued)*

^{93}Mo   2008SCZS   NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner

       2010ER01   NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319

A=94

^{94}Y   2010SE05   NUCLEAR REACTIONS ^{90}Zr(n, α), (n, p), $(n, 2n)$, $(n, X)^{89m}$Y, ^{91}Zr$(n, n\alpha)$, (n, p), $(n, X)^{90m}$Y, ^{92}Zr(n, p), $(n, X)^{91m}$Y, ^{94}Zr(n, α), (n, p), $(n, X)^{93}$Y, E=13.1-20.6 MeV; measured σ using activation method. Comparison with TALYS calculations. JOUR NUPAB 832 149

^{94}Zr   2008BEZH   NUCLEAR MOMENTS ^{70}Ge, ^{68}Zn, ^{92,94}Zr, ^{36,38,40}S, ^{38,40,42}Ar; measured hyperfine spectra, Doppler-shifted γ-spectra; deduced g factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P49,Benczer-Kolle

       2008TAZG   NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303

       2008WEZW   RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), T$_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner

       2010UT01   NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801

^{94}Mo   2008PIZW   NUCLEAR REACTIONS ^{94}Mo(e, e'), E=70 MeV; measured reaction products;^{94}Mo; deduced level energies, J, π, $\sigma(\theta)$, form factors. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla

       2008SCZS   NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner

A=94 *(continued)*

	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{94}Ru	2008CHZN	NUCLEAR REACTIONS ^{40}Ca$(^{58}$Ni, 2p$\alpha)$, E=240 MeV; ^{40}Ca$(^{58}$Ni, 3p$\alpha)$, E=240 MeV; ^{40}Ca$(^{58}$Ni, 4p), E=240 MeV; measured Eγ, I$\gamma(\theta,$ t); deduced d$\sigma(\theta)$, f-factors. Results on CD only. CONF E.Lansing (NS2008),P15,Chiara

A=95

^{95}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801
^{95}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319

A=96

^{96}Zr	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801

A=96 *(continued)*

^{96}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2009BE50	RADIOACTIVITY ^{96}Ru$(2\beta^+)$, $(\beta^+$EC$)$, $(2$EC$)$; ^{104}Ru$(2\beta^-)$; measured Eγ, Iγ; deduced T$_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), $($EC$)$[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), $($EC$)$[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{96}Tc	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), $($EC$)$[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), $($EC$)$[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{96}Ru	2009BE50	RADIOACTIVITY ^{96}Ru$(2\beta^+)$, $(\beta^+$EC$)$, $(2$EC$)$; ^{104}Ru$(2\beta^-)$; measured Eγ, Iγ; deduced T$_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171
^{96}Cd	2008MOZO	RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced T$_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes

A=97

^{97}Zr	2008TAZG	NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303
	2010UT01	NUCLEAR REACTIONS ^{96}Zr(γ, n), E=8.1-14 MeV; measured Eγ, Iγ, En, In, σ. Laser Compton-scattered (LCS) beam. Comparisons with previous data and with QRPA and Lorentzian model calculation. ^{90,91,92,93,94,95,96}Zr(n, γ), E=1 keV to 1 MeV; comparison of previous experimental cross sections with calculated values from Hartree-Fock-Bogoliubov (HFB) and quasiparticle random-phase approximation (QRPA). JOUR PRVCA 81 035801

A=97 *(continued)*

^{97}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{97}Tc	2010FOZZ	NUCLEAR REACTIONS ^{93}Nb$(^{12}$C, ^{8}Be), E=400 MeV; ^{197}Au$(^{12}$C, ^{8}Be), E=400 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle), $\alpha\alpha$-coin, (particle)α-coin; deduced dσ, d$\sigma(\theta)$, quasi-elastic ^{8}Be breakup. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P545
	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced T$_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{97}Ru	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced T$_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
	2010KR05	NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310

A=98

^{98}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2008STZT	RADIOACTIVITY ^{98}Mo, ^{72,76}Ge; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced attenuation, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P379

A=98 *(continued)*

| | 2010ER01 | NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319 |
| ^{98}In | 2008MOZO | RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced T$_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes |

A=99

^{99}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010EL02	NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319

A=100

^{100}Mo	2008SCZS	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), (γ, n), E<13.2 MeV;measured reaction products; ^{92,94,96,98,100}Mo; deduced σ, dipole-strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P355,Schwengner
	2010ER01	NUCLEAR REACTIONS ^{92,94,96,98,100}Mo(γ, γ'), E=bremsstrahlung spectrum with endpoints at 13.2 and 13.9 MeV; measured γ spectra, $\gamma(\theta)$, photon yields, photon strength functions. ^{92,94,96,98,100}Mo(γ, n), E<20 MeV bremsstrahlung spectrum; measured γ continuum spectra, activation yields, and σ; deduced dipole strength functions, GDR. Comparisons with RIPL-2 database, Lorentzian parametrizations, and calculations using TALYS code. JOUR PRVCA 81 034319
^{100}Rh	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303

A=100 *(continued)*

^{100}Pd	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{100}Sn	2008MOZO	RADIOACTIVITY ^{96}Cd; ^{98}In; ^{100}Sn [from RF fragment separator]; measured Iβ(t), Eγ, Iγ; deduced T$_{1/2}$; ^{98}In isomer decay. Compared to other data. Results on CD only. CONF E.Lansing (NS2008),P2,Montes

A=101

^{101}Tc	2009YO11	RADIOACTIVITY ^{101}Tc(β^-) [from ^{100}Mo(n, γ)^{101}Mo(β^-)]; measured Eγ, Iγ; deduced T$_{1/2}$, chemical separation of Tc and Mo fraction. JOUR HHHHD 31 193
^{101}Ru	2009YO11	RADIOACTIVITY ^{101}Tc(β^-) [from ^{100}Mo(n, γ)^{101}Mo(β^-)]; measured Eγ, Iγ; deduced T$_{1/2}$, chemical separation of Tc and Mo fraction. JOUR HHHHD 31 193
^{101}Rh	2008SKZX	NUCLEAR REACTIONS ^{101}Ru(^{3}He, x)^{101}Rh, E$\approx$12-34 MeV; ^{101}Ru(^{3}He, x)^{102}Rh, E$\approx$12-34 MeV; ^{102}Ru(^{3}He, x)^{101}Rh, E$\approx$18-34 MeV; ^{102}Ru(^{3}He, x)^{102}Rh, E$\approx$17-34 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1379
	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{101}Pd	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{101}Sn	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E(d$_{5/2}$), E(g$_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby

A=102

^{102}Rh	2008SKZX	NUCLEAR REACTIONS ^{101}Ru(^{3}He, x)^{101}Rh, E$\approx$12-34 MeV; ^{101}Ru(^{3}He, x)^{102}Rh, E$\approx$12-34 MeV; ^{102}Ru(^{3}He, x)^{101}Rh, E$\approx$18-34 MeV; ^{102}Ru(^{3}He, x)^{102}Rh, E$\approx$17-34 MeV; measured Eγ, Iγ; deduced σ, thick target yield. CONF Nice (Nucl Data for Sci and Technol) Proc,P1379

A=103

^{103}Ru   2010KR05   RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310

         2010KR05   NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310

^{103}Rh   2010KR05   RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310

^{103}Pd   2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=104

^{104}Ru   2009BE50   RADIOACTIVITY ^{96}Ru(2β^+), (β^+EC), (2EC); ^{104}Ru(2β^-); measured Eγ, Iγ; deduced T$_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171

^{104}Pd   2008STZP   NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

         2009BE50   RADIOACTIVITY ^{96}Ru(2β^+), (β^+EC), (2EC); ^{104}Ru(2β^-); measured Eγ, Iγ; deduced T$_{1/2}$ lower limits for various 2β-decay modes, including neutrino-less. HPGe detector at the Gran Sasso National Laboratories. JOUR ZAANE 42 171

         2010GO08   RADIOACTIVITY ^{104}Ag(EC), (β^+)[from ^{104}Cd(EC), (β^+) formed in Sn(p, X), E=1.4GeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma(\theta)$. JOUR PRVCA 81 054323

A=104 *(continued)*

^{104}Ag   2010GO08   NUCLEAR MOMENTS ^{104m}Ag; measured resonance frequencies and magnetic moment by nuclear magnetic resonance on oriented nuclei at ISOLDE / CERN. deduced hyperfine field of Ag impurities in Fe. β-NMR / ON method. Comparison with magnetic moments of ^{102,104,106,108,110}Ag and shell model calculations. JOUR PRVCA 81 054323

2010GO08   RADIOACTIVITY ^{104}Ag(EC), (β^+)[from ^{104}Cd(EC), (β^+) formed in Sn(p, X), E=1.4GeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma(\theta)$. JOUR PRVCA 81 054323

^{104}Cd   2010ID01   NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303

A=105

^{105}Mo   2008SIZS   RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

^{105}Tc   2008SIZS   RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

2010LU02   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

^{105}Ru   2010KR05   RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310

A=105 *(continued)*

	2010KR05	NUCLEAR REACTIONS ^{96,102,104}Ru(n, γ), E=thermal and epithermal; measured Eγ, Iγ, cross sections and resonance integrals by activation method. Comparison with previous studies. JOUR PRVCA 81 044310
^{105}Rh	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{105}Pd	2010KR05	RADIOACTIVITY ^{96}Tc(β^+), (EC)[from ^{96}Ru(n, p)]; ^{97}Ru(β^+), (EC)[from ^{96}Ru(n, γ), E<1 eV]; ^{103,105}Ru(β^-)[from ^{102,104}Ru(n, γ), E<1 keV]; ^{105}Rh(β^-)[from ^{105}Ru(β^-)]; measured Eγ, Iγ; deduced Iβ, Iε, logft;^{96}Mo, ^{97}Tc, ^{103,105}Rh, ^{105}Pd; deduced levels. Comparison with previous studies and evaluated data. JOUR PRVCA 81 044310
^{105}Ag	2010KH02	NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303
^{105}Te	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E($d_{5/2}$), E($g_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby

A=106

^{106}Mo	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
^{106}Tc	2010LI14	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

A=106 *(continued)*

^{106}Pd 2008STZP NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

^{106}Ag 2010HE05 NUCLEAR REACTIONS ^{100}Mo(^{11}B, 5n)^{106}Ag, E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced levels, J, π, bands, configuration, shears band. Systematics of shears bands in ^{102}Rh, ^{104,106,108}Ag, ^{108,110,112}In. Comparison with TAC calculations for the dipole band. JOUR PRVCA 81 057301

           2010KH02 NUCLEAR REACTIONS Pd(p, X)^{105}Ag / ^{106}Ag / ^{100}Pd / ^{101}Pd / ^{100}Rh / ^{101}Rh / ^{105}Rh, E<40 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, TALYS and ALICE-IPPE codes. JOUR NIMBE 268 2303

^{106}In 2010ID01 NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303

A=107

^{107}Mo 2008SIZS RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

^{107}Tc 2008SIZS RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

A=107 *(continued)*

	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
	2010LI14	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304
	2010LU02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1
^{107}Ru	2008SIZS	RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71
^{107}In	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303
	2010NE05	NUCLEAR REACTIONS ^{94}Mo(^{16}O, 2np)^{107}In, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, linear polarization, half-lives by DSAM using INGA array. ^{107}In; deduced levels, J, π, multipolarity, bands, B(M1), B(E2), B(M1) / B(E2), Q(t), β_2, configurations, shears band. Comparison with systematics of bands in ^{105,108}In and with TAC calculations. JOUR PRVCA 81 054322
^{107}Sn	2010ID01	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, $\gamma(\theta)$ using the JUROGAM array. ^{107}In; deduced levels, J, π, multipolarity, mixing ratios, M1 band and a smooth-terminating band, dynamical moments of inertia, and configurations. Calculated potential energy surfaces. Comparisons with total Routhian surface and cranked Nilsson-Strutinsky calculations, and with systematics of rotational band structures in ^{105}Ag, ^{106}Cd, ^{108}Sn, ^{109}Sb, ^{110}Te and ^{111}I. ^{104}Cd, ^{106}In, ^{107}Sn; measured Eγ. JOUR PRVCA 81 034303

A=108

^{108}Tc   2010LI10   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302

2010LU02   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

^{108}Ru   2008HAZH   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton

2008RAZY   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

^{108}Pd   2008STZP   NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

^{108}Cd   2010RO15   NUCLEAR REACTIONS ^{100}Mo(^{13}C, 5n)^{108}Cd, E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives by DSAM. ^{108}Cd; deduced levels, J, π, multipolarity, shears band, band crossing, B(M1), B(E2), shears angle. Comparison with systematics of B(M1) values in ^{110}Cd. JOUR PRVCA 81 054311

^{108}In   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=109

^{109}Tc   2010GU07   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; ^{109}Tc; deduced level scheme, high spin states, yrast bands interpretation. Cranked shell model calculations. JOUR CPLEE 27 062501

A=109 *(continued)*

	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
^{109}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{109}Xe	2008DAZS	RADIOACTIVITY ^{109}Xe(α)[from ^{54}Fe+^{58}Ni->^{112}Xe->^{109}Xe+3n]; ^{105}Te(α); measured Eγ, Iγ, Iα; deduced ^{101}Sn E, J, π; calculated E(d$_{5/2}$), E(g$_{7/2}$) using shell model. Decay chain compared to that of ^{111}Xe->^{107}Te->^{103}Sn from other papers. Results on CD only. CONF E.Lansing (NS2008),P3,Darby

A=110

^{110}Tc	2010LI10	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302
^{110}Ru	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton
^{110}Pd	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

A=110 *(continued)*

^{110}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376
^{110}Sn	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=111

^{111}Cd	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{111}In	2010HE04	NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=112

^{112}Ru	2008HAZH	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton

A=112 *(continued)*

^{112}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{112}Sn   2008BOZK   NUCLEAR REACTIONS ^{112,124}Sn(γ, γ'); measured levels, J, π; evaluated energy weighted sum rule. Monoenergetic linearly polarized beam. THESIS M Boswell, University of North Carolina

          2008VOZV   NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-

          2010LI07   NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=113

^{113}In   2008GOZP   RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni T$_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska

          2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{113}Sn   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=114

^{114}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{114}Cd   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{114}In   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{114}Sn   2010LI07   NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=115

^{115}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=115 *(continued)*

^{115}Cd   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{115}In   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=116

^{116}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{116}In   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{116}Sn   2008VOZV   NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV; measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-

A=116 *(continued)*

2010LI07   NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

A=117

^{117}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{117}In   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

^{117}Sn   2010HE04   NUCLEAR REACTIONS Cd(α, xnα), ^{108}Cd(α, 2n), (α, p), (α, np), (α, 2np), (α, 3np), ^{106}Cd(α, np), ^{109}Cd(α, np), (α, 3np), ^{110}Cd(α, n), (α, p), (α, 2np), (α, 3np), ^{111}Cd(α, p), (α, np), (α, 3np), ^{112}Cd(α, 3n), (α, p), (α, np), (α, 2np), ^{113}Cd(α, p), (α, np), (α, 2np), (α, 3np), ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), (α, 4np), (α, n2p), ^{116}Cd(α, 3n), (α, 2np), (α, 3np), (α, 3n2p), Cu(α, X)^{66}Ga / ^{67}Ga, E=5-50 MeV; measured Eγ, Iγ; deduced σ. Comparison with experimental data, ALICE-IPPE, EMPIRE, GNASH codes. JOUR NIMBE 268 1376

A=118

^{118}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=118 *(continued)*

^{118}Sn	2008GUZM	NUCLEAR REACTIONS ^{120}Sn(p, t), E=21 MeV; measured reaction products; deduced $\sigma(\theta)$ for transitions to ^{118}Sn levels. Comparison with DWBA calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P315,Guazzoni
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
^{118}Sb	2010FUZZ	NUCLEAR REACTIONS ^{9}Be, ^{23}Na, ^{25}Mg, ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe, ^{58}Ni, ^{118}Sn(^{3}He, t), E=140 MeV / nucleon; measured Eγ, Iγ, reaction products; deduced dσ(E); GT strength. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.1,P39

A=119

^{119}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{119}Sb	2008GUZL	NUCLEAR REACTIONS ^{121}Sb(p, t), E=21 MeV; measured reaction products; deduced $\sigma(\theta)$ for transitions to ^{119}Sb levels. Comparison with DWBA calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P371,Guazzoni

A=120

^{120}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313
^{120}Cd	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=120 *(continued)*

^{120}Sn	2008STZP	NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671
	2008VOZV	NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-
	2010LI07	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309
^{120}Te	2008WEZW	RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), T$_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner
^{120}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=121

^{121}Ag	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=121 *(continued)*

^{121}I   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

^{121}Xe   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=122

^{122}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{122}Cd   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

             2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{122}Sn   2008STZP   NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

A=122 *(continued)*

2010LI07 NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

^{122}Te 2010MI04 NUCLEAR REACTIONS ^{119}Sn$(\alpha, n\gamma)^{122}$Te, E=15 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives by Doppler shift attenuation method. ^{122}Te; deduced levels, J, π, transition strengths with Monte Carlo simulations. JOUR PRVCA 81 034314

^{122}Xe 2008TAZI NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=123

^{123}Ag 2010BR02 ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{123}Cd 2010BR02 ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{123}Xe 2008TAZI NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=124

^{124}Ag   2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{124}Cd   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

           2010BR02   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV_{pn}. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{124}Sn   2008BOZK   NUCLEAR REACTIONS ^{112,124}Sn(γ, γ'); measured levels, J, π; evaluated energy weighted sum rule. Monoenergetic linearly polarized beam. THESIS M Boswell, University of North Carolina

           2008STZP   NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

           2008VOZV   NUCLEAR REACTIONS ^{112,116,120,124}Sn(γ, γ'), E=5.5-9.5 MeV;measured Eγ, Iγ; ^{112,116,120,124}Sn; deduced B(E1) strength distributions. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-

           2010LI07   NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=386 MeV; measured Eα, Iα, excitation energies, $\sigma(\theta)$, σ, angular distributions, differential cross section as function of excitation energy; deduced strengths distributions, widths and EWSR for isoscalar giant monopole resonance (ISGMR), isoscalar giant-dipole resonance (ISGDR), isoscalar giant quadrupole resonance (ISGQR), and high-energy octupole resonance (HEOR). Comparisons with theoretical predictions. JOUR PRVCA 81 034309

^{124}Sb   2010PA07   RADIOACTIVITY ^{124}Sb(β^-) [from Sb(n, X)]; measured Eγ, Iγ, Ee, Ie; deduced precise value for T$_{1/2}$. JOUR ARISE 68 1555

^{124}Te   2010PA07   RADIOACTIVITY ^{124}Sb(β^-) [from Sb(n, X)]; measured Eγ, Iγ, Ee, Ie; deduced precise value for T$_{1/2}$. JOUR ARISE 68 1555

A=124 *(continued)*

^{124}I   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=125

^{125}Pd   `2008MOZQ`   NUCLEAR REACTIONS ^{9}Be(^{238}U, f), E=345 MeV / nucleon; measured A / Z ratio; deduced Z=46 yields distribution, evidence for ^{125}Pd. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P145

^{125}Xe   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=126

^{126}Cd   `2008KRZV`   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

`2010BR02`   ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

^{126}Sn   `2008STZP`   NUCLEAR REACTIONS ^{120}Sn(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{120}Sn(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{67}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{69}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{71}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; ^{104}Pd(^{73}Cu, ^{67}Cu'), E=2.99 MeV / nucleon; measured Cu Coulomb excitation Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, B(E2). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P671

A=126 *(continued)*

	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571
	2010IL01	NUCLEAR REACTIONS ^{9}Be(^{238}U, F), E=750 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{126}Sn; deduced levels, J, π, g factor. Comparison with shell model calculations and adjacent isotope systematics. JOUR PYLBB 687 305
^{126}Sb	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571
^{126}Te	2010FE02	RADIOACTIVITY ^{126}Sn, ^{126}Sb(β^-); measured Eγ, Iγ; deduced absolute and relative photon emission, energy levels, Kβ / Kα intensity ratio for Sb x-rays. JOUR ARISE 68 1571
^{126}I	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=127

^{127}Sb	2009WA24	NUCLEAR REACTIONS ^{176}Yb, ^{176}Lu, ^{186}W(^{136}Xe, X)^{127}Sb, E=6.0-6.2 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma(\theta)$, γ(t), T$_{1/2}$ using Gammasphere array. ^{127}Sb; deduced levels, J, π, T$_{1/2}$, δ, B(E2), B(E3), B(M2), internal conversion coefficients. Comparison with shell model and systematics for adjacent isotopes. JOUR ZAANE 42 163
^{127}Xe	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=128

^{128}Cd	2010BR02	ATOMIC MASSES ^{112,114,115,116,117,118,119,120,121,122,123,124}Ag, ^{114,120,122,123,124,126,128}Cd; measured cyclotron frequencies relative to ^{133}Cs, and mass excesses using ISOLTRAP Penning trap spectrometer; deduced excitation energies of the isomers; evaluated mass excesses; two-neutron separate energies, and proton-neutron interaction strength δV$_{pn}$. Comparison with previous data and AME-2003. JOUR PRVCA 81 034313

A=129

^{129}Sb   2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu$(\gamma, F)^{90}$Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{129}Xe   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=130

^{130}Cd   2008PFZZ   NUCLEAR REACTIONS ^{9}Be$(^{136}$Xe, x)^{130}Cd, E=750 MeV / nucleon; ^{9}Be$(^{238}$U, f), E=650 MeV / nucleon; measured Z(fragment), A(fragment), Eγ, Iγ(t), (fragment)γ-coin; ^{130}Cd deduced E, J, π, isomer decay T$_{1/2}$. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P557

^{130}Sb   2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu$(\gamma, F)^{90}$Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{130}I   2008BEZL   NUCLEAR REACTIONS ^{129}I(n, γ), E=thermal; measured Eγ, Iγ; deduced σ, branching isomer / ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631

           2008BEZL   RADIOACTIVITY ^{130}I(β^-)[from ^{129}I(n, γ)]; measured Eγ, Iγ; deduced decay constant isomer, ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631

^{130}Xe   2008BEZL   RADIOACTIVITY ^{130}I(β^-)[from ^{129}I(n, γ)]; measured Eγ, Iγ; deduced decay constant isomer, ground state. CONF Nice (Nucl Data for Sci and Technol) Proc,P631

           2008LEZK   NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061

A=131

^{131}Sn	2008CIZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E≈4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E≈4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E≈4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580
^{131}Te	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500
^{131}Xe	2008LEZK	NUCLEAR REACTIONS Mg(p, ^{3}He), E=14.7-1600 MeV; Al(p, ^{3}He), E=41.5-397 MeV; Si(p, ^{3}He), E=31.3-1600 MeV; Pb(p, ^{3}He), E=44.2-2595 MeV; Bi(p, ^{3}He), E=102-2589 MeV; Bi(p, α), E=102-2589 MeV; Bi(p, x)^{82}Kr, E=102-2589 MeV; Bi(p, x)^{85}Kr, E=102-2589 MeV; Bi(p, x)^{130}Xe, E=102-2589 MeV; Bi(p, x)^{131}Xe, E=102-2589 MeV; measured He, Kr, Xe using cryogenic traps; deduced He, Kr, Xe σ; calculated σ using INCL4 / ABLA code. Compared to other measurements of similar kind done by the same group. CONF Nice (Nucl Data for Sci and Technol) Proc,P1061
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=132

^{132}Sn	2008KOYY	RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska
^{132}Sb	2010VI01	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

A=133

^{133}Sn   2008CIZZ   NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E≈4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E≈4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E≈4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E≈4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

   2010JO03   NUCLEAR REACTIONS ^{132}Sn(d, p), E=630 MeV; measured Ep, Ip; deduced proton $\sigma(\theta)$, Q-value spectrum, properties of single-particle states in ^{33}Sn, magic nature of ^{132}Sn. DWBA and FRESCO calculations. JOUR NATUA 465 454

^{133}Sb   2010SU11   NUCLEAR REACTIONS ^{9}Be(^{238}U, F)^{133}Sb, E=411 MeV / nucleon; measured mass, survival time in FRS using IMS technique. ^{133}Sb; deduced isomeric level energy, $T_{1/2}$, J, π. JOUR PYLBB 688 294

^{133}Te   2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{133}Xe   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=134

^{134}Sn   2008KOYY   RADIOACTIVITY ^{17}Ne; measured ToF versus field frequency; deduced isotope shift, mass mass excess, charge radius, halo nuclei; calculated mass excess, separation energy, proton, neutron density distribution using FMD; ^{38}Ca; ^{26}Al; ^{80}Zn;^{81}Zn;^{132}Sn;^{134}Sn; measured ToF versus frequency detuning; deduced Q-value, mass excess. Neutrons in ^{17}Ne spherical, protons cluster-like form. Results on CD only. CONF E.Lansing (NS2008),P20,Kowalska

^{134}Sb   2008MAZL   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), $T_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

^{134}I   2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{134}Xe   2008PIZW   NUCLEAR REACTIONS ^{12}C(^{134}Xe, ^{134}Xe'), E=435 MeV; measured Eγ, Iγ, γ-γ-coin.; ^{134}Xe; deduced level energies, J, π, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P325,Pietralla

A=135

^{135}Sb   `2008MAZL`   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

^{135}Te   `2008CIZZ`   NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{84}Se, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{130}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{132}Sn, p), E$\approx$4-5 MeV / nucleon; ^{2}H(^{134}Te, p), E$\approx$4-5 MeV / nucleon; measured Ep, Ip(θ); deduced Q-values, E, J, π. Compared with NNDC tables. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P580

^{135}Xe   `2010VI01`   NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{135}Nd   `2008MUZV`   NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 5n), E=175 MeV; ^{100}Mo(^{40}Ar, 4n), E not given; measured Eγ, Iγ(θ), $\gamma\gamma$-coin; deduced E, J, π, bands, B(M1), B(E2), yrast; calculated splitting of chiral bands using TAC (tilted-axis cranking) with RPA. Results on CD only. CONF E.Lansing (NS2008),P26,Mukhopadhyay

A=136

^{136}Sn   `2008MAZL`   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

^{136}Sb   `2008MAZL`   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

   `2008SIZS`   RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

^{136}Te   `2008MAZL`   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

   `2008SIZS`   RADIOACTIVITY ^{136}Sb(β^-)[from ^{241}Pu(n, f), E=thermal]; measured delayed Eγ, Iγ, E(ce), x-rays; deduced E, J, π, B(E2); ^{105,107}Mo, ^{107}Tc(β^-)[from ^{248}Cm(SF)]; measured Eγ, Iγ, E(ce); deduced E, J, π, isomer decay, bands; calculated E, J, π, isomeric transition using standard BCS. The Sb data compared to calculations of Corragio. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P71

A=136 *(continued)*

^{136}I   2008MAZL   RADIOACTIVITY ^{136}Sn, ^{136}Sb, ^{136}Te(β^-); measured β-delayed neutron decay, Eγ, Iγ; ^{134,135}Sb, ^{136}Te; deduced level energies, J, π, B(Eλ), T$_{1/2}$. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P263,Mach

        2010VI01   NUCLEAR REACTIONS ^{235}U, ^{239}Pu(γ, F)^{90}Rb / ^{129}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{136}I / ^{135}Xe, E=9.6, 9.8 MeV; measured reaction products; deduced isomeric yields, angular momenta. JOUR BRSPE 74 500

^{136}Xe   2008SAZL   NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran

^{136}Nd   2008MUZV   NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 5n), E=175 MeV; ^{100}Mo(^{40}Ar, 4n), E not given; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced E, J, π, bands, B(M1), B(E2), yrast; calculated splitting of chiral bands using TAC (tilted-axis cranking) with RPA. Results on CD only. CONF E.Lansing (NS2008),P26,Mukhopadhyay

A=137

No references found

A=138

^{138}Xe   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

^{138}Ba   2008SAZL   NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran

A=139

^{139}Pm   2008DHZZ   NUCLEAR REACTIONS ^{116}Cd(^{27}Al, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{139}Pm E, J, π, quadrupole moment. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P489

        2010ZH12   NUCLEAR REACTIONS ^{116}Cd(^{27}Al, 4n), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin., DCO; ^{139}Pm; deduced levels, J, π, bands, and possible magnetic rotational bands. JOUR CPCHC 34 456

A=140

^{140}Xe   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

^{140}Cs   2010LI10   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302

^{140}La   2008IGZX   NUCLEAR REACTIONS ^{139}La(n, γ), E≈10-100 keV; ^{139}La(n, γ), E<00-650 keV; measured Eγ, Iγ; deduced capture σ. Compared to other data, JENDL-3.3, ENDF / B-VI, ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P1299

             2008TAZG   NUCLEAR REACTIONS ^{90,91,92,93,94,96}Zr(n, γ), ^{139}La(n, γ), E=1 eV-1 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced average σ, capture kernels; calculated ^{90,91,92,94,96}Zr, ^{139}La average σ; using n-TOF and JENDL-3.3 data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1303

^{140}Ce   2008SAZL   NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran

^{140}Nd   2008WEZW   RADIOACTIVITY ^{66}Ge; ^{68}Ge; ^{94}Zr; ^{120}Te; measured decay products; deduced B(E2), T$_{1/2}$; ^{140}Nd; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; deduced E, J, π, mixed-symmetry states. Results on CD only. CONF E.Lansing (NS2008),P23,Werner

             2010NA12   NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806

A=141

^{141}Cs   2010LU02   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

A=142

^{142}Xe   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

^{142}Cs   2010LI14   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304

^{142}Nd   2008SAZL   NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran

^{142}Gd   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=143

^{143}Pm   2010NA12   NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806

^{143}Sm   2010NA12   NUCLEAR REACTIONS ^{144}Sm(γ, n), (γ, p), (γ, α), E<20 MeV bremsstrahlung; measured Eγ, Iγ, yields, σ(E) using activation method. Comparison with Hauser-Feshbach statistical models calculations using NON-SMOKER code. JOUR PRVCA 81 055806

^{143}Dy   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=144

^{144}Xe   2008KRZV   NUCLEAR REACTIONS ^{9}Be(^{56}Ti, n)^{55}Ti, E=high; measured Eγ, Iγ, $\gamma\gamma$-coin, E(fragment); deduced momentum transfer, ground=state single-particle structure; ^{122,124,126}Cd, ^{138,140,142,144}Xe(γ, γ'); measured Coulomb excitation Eγ, Iγ, (particle)γ-coin; deduced B(E2). Compared to other data and systematics. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P96

A=144 *(continued)*

^{144}Cs   2008JOZW   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{144}Cs; deduced energy levels. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P395,Jones

              2010LU02   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

^{144}Sm   2008SAZL   NUCLEAR REACTIONS ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm(γ, γ'), (α, $\alpha\gamma$), E<100 MeV;measured reaction products; ^{136}Xe, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm; deduced E1 strength distribution, B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P345,Savran

^{144}Gd   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

^{144}Dy   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

              2010PR04   NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, 2p)^{144}Dy, E=226 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DCO, half-lives by RDDS using JUROGAM array. ^{144}Dy; deduced levels, J, π, multipolarity, bands, B(M1), B(E2), B(M1) / B(E2), Q(t), β_2, configurations, magnetic-dipole shears bands. Comparison with systematics of bands in ^{142}Gd, ^{143}Tb, ^{145,146}Dy and with cranked shell-model (CSM) calculations. JOUR PRVCA 81 054320

A=145

^{145}Tb   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

^{145}Dy   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

^{145}Er   2010MA20   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=146

^{146}Gd   **2010CA08**   NUCLEAR REACTIONS ^{144}Sm(α, 2n), E=26.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin $\gamma(\theta)$, and linear polarization of γ rays. ^{146}Gd; deduced levels, J, π, multipolarity, and two-phonon octupole excitations. JOUR PRVCA 81 031301

^{146}Dy   **2010MA20**   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

   2010MA27   RADIOACTIVITY ^{147}Er(β^+p) [from ^{58}Ni(^{92}Mo, X), E=383 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin., γ-particle coin.; ^{147}Er, ^{146}Dy deduced T$_{1/2}$. JOUR CPLEE 27 062104

^{146}Ho   **2010MA20**   RADIOACTIVITY ^{145}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, 3n2p), E=383 MeV; ^{147}Er(ECp), (β^+p)[from ^{58}Ni(^{92}Mo, n2p), E=383 MeV]; measured Eγ, pγ-, $\gamma\gamma$-coin, half-lives. ^{144,146}Dy; deduced levels, J, π. ^{143,145}Dy, ^{146}Ho(ECp), (β^+p); measured pγ-coin, Eγ. JOUR PRVCA 81 047301

A=147

^{147}Er   **2010MA27**   RADIOACTIVITY ^{147}Er(β^+p) [from ^{58}Ni(^{92}Mo, X), E=383 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin., γ-particle coin.; ^{147}Er, ^{146}Dy deduced T$_{1/2}$. JOUR CPLEE 27 062104

A=148

^{148}Ce   **2008RAZY**   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

^{148}Ho   **2010KO12**   NUCLEAR REACTIONS ^{112}Sn(^{40}Ar, 3np), (^{40}Ar, 2np), E=202, 206, 232 MeV; ^{114}Sn(^{40}Ar, 4np), (^{40}Ar, 5np), E=202, 206, 232 MeV; measured Eγ, Iγ, ce, $\gamma(\theta)$, $\gamma\gamma$-, eγ-coin, $\gamma\gamma$(t), isomer half-lives using OSIRIS-II array. ^{148,149}Ho; deduced levels, J, π, multipolarities, and configurations. Comparison with shell model calculations. JOUR PRVCA 81 044305

A=149

^{149}Ho   **2010KO12**   NUCLEAR REACTIONS ^{112}Sn(^{40}Ar, 3np), (^{40}Ar, 2np), E=202, 206, 232 MeV; ^{114}Sn(^{40}Ar, 4np), (^{40}Ar, 5np), E=202, 206, 232 MeV; measured Eγ, Iγ, ce, $\gamma(\theta)$, $\gamma\gamma$-, eγ-coin, $\gamma\gamma$(t), isomer half-lives using OSIRIS-II array. ^{148,149}Ho; deduced levels, J, π, multipolarities, and configurations. Comparison with shell model calculations. JOUR PRVCA 81 044305

A=150

No references found

A=151

^{151}Tb	2008LEZG	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=148 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π, superdeformation, yrast, superdeformed band; calculated E1 transition strength, simulated superdeformed bands population, yrast. Results on CD only. CONF E.Lansing (NS2008),P38,Leoni
	2008LEZL	NUCLEAR REACTIONS ^{130}Te(^{27}Al, X)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=150 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced number of discrete excited bands. Comparison with cranked shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P403,Leoni

A=152

^{152}Gd	2010CH06	NUCLEAR REACTIONS ^{124}Sn(^{28}Si, X)^{152}Gd, E=185 MeV; measured Eγ, Iγ, evaporation residues; deduced GDR centroid energies and widths for compound nucleus, discrepancy with earlier measurements, damping processes for Giant Dipole Resonance width. JOUR JPGPE 37 055105
^{152}Yb	2008ESZW	RADIOACTIVITY ^{152}Yb; measured Eγ, Iγ, X-rays;X-raysγ-coin using TAS (Total Absorption Spectroscopy); deduced ^{152}Tm 482 keV level feeding. Attention: Incorrect scale in the figure (MeV instead of keV)! REPT ATOMKI 2008 Annual,P23,Estevez

A=153

No references found

A=154

^{154}Gd	2010SC06	NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608

A=155

No references found

A=156

^{156}Gd   2010JE02   NUCLEAR REACTIONS ^{155}Gd(n, γ), E not given; measured Eγ, Iγ; ^{156}Gd; deduced energy levels, J, π, transition lifetime, B(E2), B(E1), quadrupole moments, odd-spin negative parity band. GAMS4 / 5 Bragg spectrometers. JOUR PRLTA 104 222502

    2010SC06   NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608

A=157

^{157}Ta   2010BI03   RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced T$_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15

^{157}W   2010BI03   RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced T$_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15

A=158

^{158}Gd   2010SC06   NUCLEAR REACTIONS ^{154,156,158}Gd(p, p'γ), E=22 MeV; measured Eγ, Iγ, proton spectra, γ-ray emission probabilities using STARS / LiBerACE array. ^{155,157}Gd(n, γ), E=0.01-4 MeV; deduced σ by surrogate reaction method using Weisskopf-Ewing and ratio approximations. JOUR PRVCA 81 034608

A=159

No references found

A=160

^{160}Dy   2010GO09   NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

A=161

^{161}Dy   2010GO09   NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

A=161 *(continued)*

^{161}Os   2010BI03   NUCLEAR REACTIONS ^{106}Cd(^{58}Ni, 3n), E=290, 310 MeV; measured reaction products; deduced α spectra, α-branching, T$_{1/2}$, fine structure, ground state J, π. JOUR PYLBB 690 15

            2010BI03   RADIOACTIVITY ^{161}Os(α), ^{157}W(β^+); measured decay products; deduced T$_{1/2}$, β-branching. Comparison with shell model calculations. JOUR PYLBB 690 15

A=162

^{162}Dy   2010GO09   NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

            2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=163

^{163}Dy   2010GO09   NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

            2010SO03   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=164

^{164}Dy 2010G009 NUCLEAR REACTIONS ^{161,162,163}Dy(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; ^{164}Dy(^{3}He, ^{3}He'), E=38 MeV; measured Eγ, Iγ. ^{160,161,163}Dy(n, γ), E<600 keV; deduced σ using the external surrogate ratio method (SRM). JOUR PRVCA 81 054606

2010S003 NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=165

^{165}Dy 2010S003 NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{165}Er 2009WA23 NUCLEAR REACTIONS ^{160}Gd(^{9}Be, 4n), E=42, 45 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; ^{165}Er; deduced levels, J, π, bands, B(E1), octupole deformation. JOUR CPCHC 33 629

A=166

^{166}Dy 2010S003 NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=167

^{167}Dy   2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=168

^{168}Dy   2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{168}Er   2010DR02   NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g$_K$-g$_R$. JOUR PRVCA 81 054313

A=169

^{169}Dy   2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{169}Yb   2008KIZP   NUCLEAR REACTIONS Er(α, x)^{169}Yb, E$\approx$0-36 MeV; Yb(α, x)^{169}Yb, E$\approx$18-38 MeV; Yb(α, x)^{177}Lu, E$\approx$8-38 MeV; measured Eγ, Iγ; deduced σ, yields; calculated σ using ALICE-IPPE. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1371

A=170

^{170}Dy 2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

^{170}Er 2010DR02   NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g_K-g_R. JOUR PRVCA 81 054313

2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=171

^{171}Dy 2010S003   NUCLEAR REACTIONS ^{170}Er(^{82}Se, X)^{168}Dy / ^{170}Dy, E=460 MeV; measured mass yields, distributions of product nuclei using PRISMA spectrometer, Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin using CLARA HPGe array. ^{168}Dy; deduced levels, J, π, rotational bands, moments of inertia. ^{170}Dy; deduced 4+ to 2+ transition. ^{170}Er; measured Eγ. Z=64-72, N=94-108; systematics of levels and moments of inertia for even-even isotopes, and total Routhian surface calculations. ^{81,82,83,84,85,86,87,88,89,90}Kr, ^{162,163,164,165,166,167,168,169,170,171}Dy; measured yields of complementary beam-like and target-like fragments through 2pxn channels. JOUR PRVCA 81 034310

A=172

^{172}Er   2010DR02   NUCLEAR REACTIONS ^{170}Er(^{136}Xe, X)^{168}Er / ^{170}Er / ^{172}Er, E=830 MeV; measured Eγ, Iγ, $\gamma\gamma$, $\gamma\gamma$(t), and isomer half-lives using Gammasphere array. ^{168,170,172}Er; deduced levels, J, π, rotational bands, multipolarities, B(E1), B(M1), B(E2), K-hindrance factors, configurations, quasiparticle structures, and g$_K$-g$_R$. JOUR PRVCA 81 054313

A=173

No references found

A=174

No references found

A=175

No references found

A=176

No references found

A=177

^{177}Lu   2008KIZP   NUCLEAR REACTIONS Er(α, x)^{169}Yb, E$\approx$0-36 MeV; Yb(α, x)^{169}Yb, E$\approx$18-38 MeV; Yb(α, x)^{177}Lu, E$\approx$8-38 MeV; measured Eγ, Iγ; deduced σ, yields; calculated σ using ALICE-IPPE. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1371

A=178

No references found

A=179

No references found

A=180

^{180}Ta `2008OCZZ` NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=181

No references found

A=182

^{182}Re `2008OCZZ` NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011

A=183

No references found

A=184

^{184}Hg `2008TAZI` NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=185

No references found

A=186

^{186}Re	2008MEZV	NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403
^{186}Ir	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{186}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=187

^{187}W	2010EL02	NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321
^{187}Os	2008MOZR	NUCLEAR REACTIONS ^{187}Os(n, n'), E=30 keV; measured En, In; deduced σ;calculated σ. Compared to other data below 70 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1307
^{187}Ir	2010MO09	NUCLEAR REACTIONS ^{186}W(^{7}Li, 6n)^{187}Ir, E=59 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin, DCO, delayed γ rays, half-lives using GASP array. ^{187}Ir; deduced levels, J, π, rotational bands, multiquasiparticle high-K states, configurations. Comparison with systematics of bands in ^{181,183,185}Ir, ^{182,184,186}Os. JOUR PRVCA 81 054304

A=188

^{188}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=189

No references found

A=190

^{190}Ta	2008GOZP	RADIOACTIVITY ^{54}Ni(β^+); measured Eγ, Iγ; deduced ^{54}Ni T$_{1/2}$, GT distribution strength; ^{62}Ge; ^{113}In; ^{190}Ta; measured decay products. Results on CD only. CONF E.Lansing (NS2008),P9,Gorska
^{190}Au	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{190}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010WI02	NUCLEAR REACTIONS ^{160}Gd(^{34}S, 4n), E=156 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin.; ^{190}Hg deduced energy and J of superdeformed and normal states, two-proton separation energies, critical tests of nuclear models. JOUR PRLTA 104 162501

A=191

^{191}Au	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{191}Hg	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607

A=192

^{192}Au	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607

A=192 *(continued)*

^{192}Hg	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{192}Tl	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607

A=193

^{193}Hg	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E$\approx$5-65 MeV; ^{197}Au(p, pn), E$\approx$15-65 MeV; ^{197}Au(p, 3n), E$\approx$20-65 MeV; ^{197}Au(p, p3n), E$\approx$25-65 MeV; ^{197}Au(p, 5n), E$\approx$35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259
	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607
^{193}Tl	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607

A=194

^{194}Au	2008OCZZ	NUCLEAR REACTIONS ^{27}Al(d, x)^{24}Na, ^{51}V(d, 4n), Fe(d, x)^{54}Mn, Fe(d, x)^{56}Co, Ni(d, x)^{57}Co, Cu(d, x)^{63}Zn, Ta(d, x)^{180}Ta, W(d, x)^{182}Re, ^{197}Au(d, x)^{194}Au, E=25, 35, 41, 50 MeV; Cr(d, x)^{48}V, Cr(d, x)^{52}Mn, ^{55}Mn(d, x)^{54}Mn, Ni(d, x)^{56}Co, E=39.5 MeV; measured Eγ, Iγ; deduced σ; calculated σ using TALYS code. Compared to data, ACSELAM data library; also SS316, F82H alloys activities deduced. CONF Nice (Nucl Data for Sci and Technol) Proc,P1011
	2008SZZZ	NUCLEAR REACTIONS ^{197}Au(p, n), E$\approx$5-65 MeV; ^{197}Au(p, pn), E$\approx$15-65 MeV; ^{197}Au(p, 3n), E$\approx$20-65 MeV; ^{197}Au(p, p3n), E$\approx$25-65 MeV; ^{197}Au(p, 5n), E$\approx$35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259
^{194}Tl	2010SI10	NUCLEAR REACTIONS ^{181}Ta(^{16}O, X)^{186}Ir / ^{190}Au / ^{191}Au / ^{192}Au / ^{191}Hg / ^{192}Hg / ^{193}Hg / ^{192}Tl / ^{193}Tl / ^{194}Tl, E=81, 90, 96 MeV; measured Eγ, Iγ, forward recoil range distributions (RRD); deduced incomplete fusion fractions. Comparison with break-up fusion (BUF) model. JOUR PRVCA 81 054607

A=195

| ^{195}Hg | 2008SZZZ | NUCLEAR REACTIONS ^{197}Au(p, n), E$\approx$5-65 MeV; ^{197}Au(p, pn), E$\approx$15-65 MeV; ^{197}Au(p, 3n), E$\approx$20-65 MeV; ^{197}Au(p, p3n), E$\approx$25-65 MeV; ^{197}Au(p, 5n), E$\approx$35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259 |
| | 2008TAZI | NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069 |

A=196

| ^{196}Au | 2008SZZZ | NUCLEAR REACTIONS ^{197}Au(p, n), E$\approx$5-65 MeV; ^{197}Au(p, pn), E$\approx$15-65 MeV; ^{197}Au(p, 3n), E$\approx$20-65 MeV; ^{197}Au(p, p3n), E$\approx$25-65 MeV; ^{197}Au(p, 5n), E$\approx$35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259 |
| ^{196}Pb | 2008LEZG | NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=148 MeV; ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced E, J, π, superdeformation, yrast, superdeformed band; calculated E1 transition strength, simulated superdeformed bands population, yrast. Results on CD only. CONF E.Lansing (NS2008),P38,Leoni |

A=196 *(continued)*

2008LEZL   NUCLEAR REACTIONS ^{130}Te(^{27}Al, X)^{151}Tb, E=155 MeV; ^{170}Er(^{30}Si, 4n)^{196}Pb, E=150 MeV; measured Eγ, Iγ, γ-γ-coin.; deduced number of discrete excited bands. Comparison with cranked shell model calculations. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P403,Leoni

A=197

^{197}Pt   2010QI02   NUCLEAR REACTIONS ^{1,2}H, ^{12}C, ^{27}Al, ^{63}Cu, ^{197}Au(e, e'π^+), E<5.8 GeV; measured yields, differential cross sections as a function of azimuthal angle, and nuclear transparencies versus Q^2. JOUR PRVCA 81 055209

^{197}Au   2010XU03   NUCLEAR REACTIONS ^{197}Au(^{28}P, ^{28}P'), E=46.5 MeV / nucleon [^{28}P secondary beam from ^{9}Be(^{32}S, X), E=80.4 MeV / nucleon primary reaction]; measured Ep, Ip, time of flight, (^{26}Al)(p)(p)-coin. ^{28}P; deduced levels, two-proton emission from excited states.^{9}Be(^{32}S, X)^{22}Ne / ^{23}Na / ^{24}Mg / ^{25}Al / ^{26}Al / ^{27}Si / ^{28}P / ^{29}S, E=80.4 MeV / nucleon; measured yields. JOUR PRVCA 81 054317

^{197}Hg   2008SZZZ   NUCLEAR REACTIONS ^{197}Au(p, n), E≈5-65 MeV; ^{197}Au(p, pn), E≈15-65 MeV; ^{197}Au(p, 3n), E≈20-65 MeV; ^{197}Au(p, p3n), E≈25-65 MeV; ^{197}Au(p, 5n), E≈35-65 MeV; measured Eγ, Iγ; deduced σ. Compared to other data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1259

2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=198

^{198}Au   2008MAZJ   NUCLEAR REACTIONS ^{197}Au(n, γ), E≈0-750 eV; measured Eγ, Iγ at n-TOF; calculated σ using SAMMY; deduced σ, R-matrix resonance parameters. Cross-sections compared to ENDF / B-VII. CONF Nice (Nucl Data for Sci and Technol) Proc,P1265

2010EL02   NUCLEAR REACTIONS ^{98}Mo, ^{186}W, ^{197}Au(n, γ), E=thermal; measured Eγ, Iγ; deduced neutron flux, σ, resonance integrals. Comparison with available data. JOUR JRNCD 284 321

2010HA12   RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced T$_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550

A=198 *(continued)*

	2010MA18	NUCLEAR REACTIONS ^{197}Au(n, γ), E=0-5.1 keV; measured En, In, neutron resonance strengths, capture yields, resonances, resonance parameters, response functions at n_TOF facility. C6D6 and the total absorption 4π BaF$_2$ detector arrays. R-matrix analysis. Comparison with evaluated data for neutron resonances. JOUR PRVCA 81 044616
	2010MO06	RADIOACTIVITY ^{198}Au(β^-) [from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, Ee, Ie; deduced β-branching, x-rays and γ-rays emission probabilities. JOUR ARISE 68 1566
^{198}Hg	2010HA12	RADIOACTIVITY ^{198}Au(β^-), ^{97}Ru(EC) [from ^{197}Au, Ru(n, γ)]; measured Eγ, Iγ; deduced T$_{1/2}$, lack of temperature-dependent effects at low temperatures. JOUR ARISE 68 1550
	2010MO06	RADIOACTIVITY ^{198}Au(β^-) [from ^{197}Au(n, γ), E=thermal]; measured Eγ, Iγ, Ee, Ie; deduced β-branching, x-rays and γ-rays emission probabilities. JOUR ARISE 68 1566
^{198}Tl	2008LAZP	NUCLEAR REACTIONS ^{197}Au(α, 3n), E=40 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin, E(e), I(e), (e)γ-coin, linear polarization; deduced ^{198}Tl E, J, π, bands, B(E2), B(M1), yrast; calculated deformation, bands using two quasiparticles plus triaxial rotor. Results on CD only. CONF E.Lansing (NS2008),P25,Lawrie

A=199

No references found

A=200

No references found

A=201

| ^{201}Tl | 2010FOZZ | NUCLEAR REACTIONS ^{93}Nb(^{12}C, ^{8}Be), E=400 MeV; ^{197}Au(^{12}C, ^{8}Be), E=400 MeV; measured Eα, I$\alpha(\theta)$, E(particle), I(particle), $\alpha\alpha$-coin, (particle)α-coin; deduced dσ, d$\sigma(\theta)$, quasi-elastic ^{8}Be breakup. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P545 |

A=202

No references found

A=203

^{203}Hg   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=204

^{204}At   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=205

^{205}Pt   `2008BOZG`   RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(EC); measured E(CE), I(CE). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83

^{205}Au   `2008BOZG`   RADIOACTIVITY ^{54}Ni(β^+); measured ^{54}Co Eγ, Iγ; ^{205}Au(EC); measured E(CE), I(CE). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P83

^{205}Hg   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

^{205}Pb   `2008DOZU`   NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E$\approx$4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311

^{205}At   `2008TAZI`   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=206

| ^{206}Hg | 2008TAZI | NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; |

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

^{206}Pb   2008BIZV   RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333

     2008BOZJ   RADIOACTIVITY ^{210}Po(α); measured Eγ, Iγ, Eα, Iα; deduced differential γ-emission probabilities. Comparison with model calculations of bremsstrahlung. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P523,Boie

     2008NEZY   NUCLEAR REACTIONS ^{56}Fe, ^{206}Pb(n, n'γ), E$\approx$1000-19000 keV; measured Eγ, I$\gamma(\theta)$; deduced σ. Preliminary results. CONF Nice (Nucl Data for Sci and Technol) Proc,P1016

^{206}At   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=207

^{207}Pb   2008BIZV   RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333

     2008DOZU   NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E$\approx$4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311

^{207}At   2008TAZI   NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At;

deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=208

^{208}Pb	2008AZZZ	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E=60 MeV / nucleon; measured Eγ, Iγ, reaction products; ^{70}Ni, ^{74}Zn, ^{76}Ge; deduced level energies, J, π, σ, B(E2). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P39,Azaiez
	2008DOZU	NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E$\approx$4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311
	2008GOZT	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=11-18 MeV; measured reaction products;^{209}Bi; deduced isobaric analog resonance states, σ, configuration mixing. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P547,Gomez
	2008OHZT	NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured En, In(θ); deduced dσ(θ); calculated dσ(θ) using different models. ^{12}C(n, n) dσ compared also to ^{12}C(p, p). CONF Nice (Nucl Data for Sci and Technol) Proc,P1023
	2008VOZV	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=295 MeV; measured reaction products;deduced σ(θ), σ(θ, E), B(E1). CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P335,Von Neumann-
	2010SC11	NUCLEAR REACTIONS ^{208}Pb(γ, γ'), E=9-15 MeV; measured Eγ, Iγ, γ(θ), linear polarization, integrated cross sections. ^{208}Pb; deduced levels, J, π, widths, B(E1). Comparison with shell model and QRPA calculations. JOUR PRVCA 81 054315
	2010SE03	NUCLEAR REACTIONS ^{207,208}Pb, Pb(n, γ), E=20, 41, 74 keV; measured neutron TOF, Eγ, Iγ; deduced σ. JOUR NIMAE 618 153
	2010YU02	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, ^{9}Be), E=37-50 MeV; measured reaction products; deduced σ(θ), optical potential parameters. JOUR JPGPE 37 075108
^{208}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=209

^{209}Pb	2010SE03	NUCLEAR REACTIONS ^{207,208}Pb, Pb(n, γ), E=20, 41, 74 keV; measured neutron TOF, Eγ, Iγ; deduced σ. JOUR NIMAE 618 153
^{209}Bi	2008GOZT	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=11-18 MeV; measured reaction products;^{209}Bi; deduced isobaric analog resonance states, σ, configuration mixing. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P547,Gomez
	2009TOZX	NUCLEAR REACTIONS ^{208}Pb(^{31}Cl, ^{30}S), E not given; measured E(particle), θ(particle), Ep, Ip(θ), Eγ, Iγ, (particle)θ-coin. Analysis in progress. REPT RIKEN 2008 Annual,P11,Togano

A=209 *(continued)*

	2010YU02	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{9}Be, ^{9}Be), E=37-50 MeV; measured reaction products; deduced $\sigma(\theta)$, optical potential parameters. JOUR JPGPE 37 075108
^{209}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069

A=210

^{210}Bi	2008BIZV	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=low; measured Eα, Iα; deduced σ. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008DOZU	NUCLEAR REACTIONS ^{204,206,207}Pb, ^{209}Bi(n, γ), E$\approx$4-50 keV; measured Eγ, Iγ; deduced σ; s-process abundances. Compared to older data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1311
^{210}Po	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333
	2008BOZJ	RADIOACTIVITY ^{210}Po(α); measured Eγ, Iγ, Eα, Iα; deduced differential γ-emission probabilities. Comparison with model calculations of bremsstrahlung. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P523,Boie
^{210}At	2008TAZI	NUCLEAR REACTIONS Pb(p, x), E=1, 1.4 GeV; Bi(p, x), E=1, 1.4 GeV; measured Eγ, Iγ, A(particle) using melted thick target at ISOLDE facility; ^{76,77,79,85,87,88,89,90}Kr, ^{111}Cd, ^{121,124,126}I, ^{120,121,122,123,125,127,129,131,133}Xe, ^{184,186,188,190,192,193,195,197,203,205,206}Hg, ^{204,205,206,207,208,209,210}At; deduced thick target yields temperature dependence 250-600 centigrade; calculated using FLUKA, MCNPX with INCL4 / ABLA. CONF Nice (Nucl Data for Sci and Technol) Proc,P1069
^{210}Rn	2010PR05	NUCLEAR REACTIONS ^{186}W(^{24}Mg, X)^{210}Rn, E=111-125 MeV; ^{194}Pt(^{16}O, X)^{210}Rn, E=75-102 MeV; measured fission fragment mass ratio distributions and mass ratio widths. Comparison with coupled-channel calculations. JOUR PRVCA 81 054608

A=211

^{211}Po	2008BIZV	RADIOACTIVITY ^{210}Po(α)[from ^{209}Bi(n, γ)], ^{211}Po(α); measured Eα, Iα; deduced abundance contributions for the s-process at kT=30 keV. CONF Nice (Nucl Data for Sci and Technol) Proc,P1333

A=212

No references found

A=213

No references found

A=214

No references found

A=215

No references found

A=216

No references found

A=217

No references found

A=218

No references found

A=219

No references found

A=220

No references found

A=221

No references found

A=222

No references found

A=223

^{223}Ac   2010GUZZ   RADIOACTIVITY ^{223}Ac[from ^{232}Th(p, 6n)^{227}Pa->^{223}Ac+α at cyclotron energy]; measured cluster decay; deduced branching ratios relative to α-decay. Found ^{14}C clusters, but no ^{15}N ones. CONF Varenna (Nucl Reaction Mechanisms),Proc,Vol.2,P307

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

^{228}Th   2008KEZX   NUCLEAR REACTIONS ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, I$\gamma(\theta)$; deduced σ, σ_γ(discrete transitions); calculated σ using TALYS code. CONF Nice (Nucl Data for Sci and Technol) Proc,P1019

A=229

No references found

A=230

^{230}Pa   2008MEZV   NUCLEAR REACTIONS ^{209}Bi(α, x), E=28.8, 32.8 MeV; measured Eγ, Iγ, Eα, Iα; ^{186}W(p, n), E=7-15 MeV; deduced σ; calculated σ; Zn(d, x)^{61}Cu, E$\approx$3-19 MeV; Zn(d, x)^{64}Cu, E$\approx$3-19 MeV; Zn(d, x)^{66}Ga, E$\approx$3-19 MeV; Zn(d, x)^{67}Ga, E$\approx$3-19 MeV; Zn(d, x)^{65}Zn, E$\approx$3-19 MeV; Zn(d, x)^{69}Zn, E$\approx$3-19 MeV; measured Eγ, Iγ; deduced thin taeget yields; ^{103}Rh(d, 2n), E$\approx$3-20 MeV; ^{232}Th(p, 3n), E$\approx$13-31 MeV; calculated σ. Calculations using EMPIRE II; compared to available data. CONF Nice (Nucl Data for Sci and Technol) Proc,P1403

A=231

No references found

A=232

^{232}Th   2010YE02   NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309

A=233

^{233}Th   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=234

^{234}Pa   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=235

^{235}U   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

<center>**A=235** *(continued)*</center>

2010YE02   NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309

<center># A=236</center>

^{236}U   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

2008JAZV   NUCLEAR REACTIONS ^{235}U(n, γ), E$\approx$thermal-500 keV; ^{235}U(n, f)E$\approx$thermal-500 keV; ^{242}Am(n, f), E$\approx$3.5-10000 eV; measured Eγ, Iγ, E(fragment), I(fragment); deduced (cluster)-γ-multiplicity, total and average Eγ. Compared to SF results; DANCE, PPAC fission-tagging detector; ^{242}Am isomeric state. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P440

2010YE02   NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309

<center># A=237</center>

<center>No references found</center>

<center># A=238</center>

^{238}U   2009KAZT   RADIOACTIVITY ^{238}U(SF)[from in-flight fission at 345 MeV / nucleon]; measured A(fragment), Z(fragment), Eγ, Iγ(t), $\gamma\gamma$-coin; deduced ^{94,95}Br isomeric transition T$_{1/2}$. REPT RIKEN 2008 Annual,Pxv,Kameda

2010YE02   NUCLEAR REACTIONS ^{235}U(γ, γ') E=3.5, 4.4 MeV; measured Eγ, Iγ, $\gamma(\theta)$, integrated cross sections of γ rays. ^{235}U; deduced levels, B(M1), B(E1) strengths. ^{232}Th, ^{235,236,238}U; systematics of M1 strength functions. JOUR PRVCA 81 044309

2010ZH09   NUCLEAR REACTIONS ^{238}U(^{207}Pb, ^{207}Pb'), E=1400 MeV; measured Eγ, $\gamma\gamma$-coin using Gammasphere array, unsafe Coulomb excitation. ^{238}U; deduced levels, J, π, bands, Routhians, double-octupole phonon excitation. Comparison with band structures in ^{240}Pu. JOUR PRVCA 81 041306

A=238 *(continued)*

^{238}Np   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

           2008GUZN   NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=1 eV-2 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced yield, σ, average resonance width. Compared to other data, ENDF / B-VII, JEFF-3.1, JENDL-3.3. Other data from transmission measurements. CONF Nice (Nucl Data for Sci and Technol) Proc,P627

           2008KRZU   NUCLEAR REACTIONS ^{238}U(^{48}Ca, ^{48}K), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced ^{48}K E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P531

A=239

^{239}U   2008GRZS   RADIOACTIVITY ^{239}U(β^{-})[from ^{238}U(n, γ)]; measured Eγ, Iγ(t);deduced γ intensities; X-ray intensities. Compared to literature. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P264

^{239}Np   2008GRZS   RADIOACTIVITY ^{239}U(β^{-})[from ^{238}U(n, γ)]; measured Eγ, Iγ(t);deduced γ intensities; X-ray intensities. Compared to literature. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P264

^{239}Pu   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=240

^{240}Pu   2008KOZK   NUCLEAR REACTIONS ^{240}Pu(n, n'), E$\approx$0.95-1.15 eV;^{242}Pu(n, n'), E$\approx$2.45-2.85 eV; measured En, In; deduced resonance width. Studied effect of temperature. CONF Nice (Nucl Data for Sci and Technol) Proc,P623

A=241

^{241}Pu   2008GUZN   NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=1 eV-2 keV; measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced yield, σ, average resonance width. Compared to other data, ENDF / B-VII, JEFF-3.1, JENDL-3.3. Other data from transmission measurements. CONF Nice (Nucl Data for Sci and Technol) Proc,P627

A=242

^{242}Pu   2008KOZK   NUCLEAR REACTIONS ^{240}Pu(n, n'), E≈0.95-1.15 eV;^{242}Pu(n, n'), E≈2.45-2.85 eV; measured En, In; deduced resonance width. Studied effect of temperature. CONF Nice (Nucl Data for Sci and Technol) Proc,P623

^{242}Am   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=243

^{243}Am   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=244

No references found

A=245

^{245}Cm   2008BRZW   NUCLEAR REACTIONS ^{232}Th, ^{233}Pa, ^{234,235}U, ^{241,242}Am, ^{244}Cm, ^{237}Np, ^{238}Pu(n, γ), E=reactor spectrum; ^{242}Am, ^{245}Cm(n, f), E=reactor spectrum; measured Eγ, Iγ, Eα, Iα, A(fragment); deduced average σ, σ(E=25.3meV). CONF Nice (Nucl Data for Sci and Technol) Proc,P619

A=246

^{246}Cm   2008TAZE   NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, T$_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105

A=247

No references found

A=248

^{248}Cm   2008TAZE   NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, T$_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105

^{248}Cf   2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

A=249

^{249}Cf   2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

A=250

^{250}Bk   2010GU05   NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535

^{250}Cf   2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

^{250}Fm   2008TAZE   NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, T$_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105

A=251

^{251}Cf   2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

^{251}Md   2008JEZZ   RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay T$_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen

A=252

^{252}Cf   2008BLZX   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ multiplicity distribution. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P200

2008DAZT   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced ^{100,102}Zr, ^{104,106,108}Mo, ^{146,148}Ce T$_{1/2}$, g-factor. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P363

2008GOZQ   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coin; deduced ^{142}Xe, ^{152}Nd angular correlations, g-factor, ^{114}Pd mixing ratio, ^{108,110}Ru E, J, π. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P607

2008HAZD   RADIOACTIVITY ^{252}Cf(SF); calculated average neutron energy, neutron multiplicity in coin with fragment mass. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P401

2008HAZH   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{108,110,112}Ru, ^{106}Mo; deduced band structures, possible chiral doublets. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P387,Hamilton

2008JAZV   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, (cluster)γ-coin; deduced (cluster)-γ-multiplicity, total and average Eγ. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P440

2008JOZW   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-γ-coin.; ^{144}Cs; deduced energy levels. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P395,Jones

2008LUZW   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ; deduced ^{110,111}Tc E, J, π; calculated ^{110,111}Tc E, J, π, deformation parameters (ε_2, γ) using RTRP model. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P709

2008LUZX   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta)$, $\gamma\gamma(\theta)$-coin; ^{110,112}Ru deduced E, J, π, bands, moment of inertia. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P593

A=252 *(continued)*

2008LUZY   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{137,138}Cs E, J, π, Cs, N=82, N=83 yrast states, ^{138}Cs internal conversion coefficients, γ-multipolarity. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P65

2008ORZY   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{100,101,102}Zr, ^{102,103,104,105,106,108}Mo g-factor; calculated g-factor using IBA2. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P355

2008RAZY   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, γ-γ-coin.; ^{148}Ce, ^{108}Ru; deduced angular correlation of γ cascades, mixing ratio. CONF Vico Equense(Chang.Facets of Nucl.Struct.) Proc,P57,Ramayya

2008ZHZW   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin; deduced ^{105,108}Mo, ^{112}Ru E, J, π, bands, yrast. Compared to other Mo isotopes. CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P612

2010ER04   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin., neutron-γ-coin.; deduced high-energy bremsstrahlung emission during spontaneous fission, energy spectrum of photons. JOUR IMPEE 19 1183

2010GU07   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma\gamma$-coin.; ^{109}Tc; deduced level scheme, high spin states, yrast bands interpretation. Cranked shell model calculations. JOUR CPLEE 27 062501

2010LI10   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere array. ^{140}Cs; deduced levels, J, π, configurations. ^{107,108,109,110}Tc; measured Eγ. Comparison with level structure of ^{138}I and with systematics of N=85 isotones of ^{137}Te, ^{138}I, ^{139}Xe, ^{140}Cs, ^{141}Ba, ^{145}Nd, ^{146}Pm, ^{147}Sm, ^{148}Eu and ^{149}Gd. JOUR PRVCA 81 037302

2010LI14   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$. ^{142}Cs; deduced levels, J, π, multipolarity, bands, B(E1), B(E2), electric dipole moments. ^{106,107}Tc; measured Eγ. Systematics of electric dipole moments for Xe (N=85-88), Cs (N=86-88), Ba (N=85-90), La (N=88, 90), Ce (N=86, 88, 90), Nd (N=86, 88, 90), Sm(N=86, 88). JOUR PRVCA 81 057304

2010LU02   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$ using Gammasphere. ^{141,144}Cs; deduced levels, J, p, conversion coefficients, multipolarities, bands, parity doublets, simplex structure, B(E1) / B(E2), dipole moment. Comparison with level structure of ^{143}Cs and with systematics of adjacent N=85-92 nuclei. ^{105,106,107,108}Tc; measured Eγ. JOUR NUPAB 838 1

2010PA08   RADIOACTIVITY ^{252}Cf(SF); measured decay products; deduced tripartition in fission. JOUR IMPEE 19 718

2010PA15   RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin.; deduced photon yields, energy spectrum, the width of the giant dipole resonance (GDR). Comparison with thermal shape fluctuation model (TSFM). JOUR PYLBB 690 473

A=252 *(continued)*

2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

^{252}No   2008ROZX   RADIOACTIVITY ^{252}No; measured Eγ, Iγ(t); deduced rotational band, isomeric decay; ^{256}Rf(SF); measured decay products; deduced isomeric transition, T$_{1/2}$; N=150; calculated E, J, π, mass excess using Woods-Saxon and density functional with Skyrme interactions. Density functional does not describe gaps at Z=100 and N=152. Results on CD only. CONF E.Lansing (NS2008),P30,Robinson

  2008TAZE   NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, T$_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105

  2010BL03   ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225

  2010BL04   ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785

A=253

^{253}Cf   2010TA10   NUCLEAR REACTIONS ^{249,250,251}Cf(^{18}O, ^{16}O), (^{18}O, n^{16}O), (^{18}O, ^{17}O), (^{18}O, n^{17}O), (^{18}O, ^{18}O), (^{18}O, n^{18}O), (^{18}O, n^{18}O), , E=153 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{248,250,252}Cf; deduced levels, J, π, ground-state rotational bands, moments of inertia. Radioactive Cf target with 63% ^{249}Cf, 13% ^{250}Cf, 24% ^{251}Cf. JOUR PRVCA 81 057303

^{253}Es   2010GU05   NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535

^{253}No   2010BL03   ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225

  2010BL04   ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785

A=254

^{254}Es   2010GU05   NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535

A=254 *(continued)*

^{254}No   2008TAZE   NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, x)^{254}No, E not given; ^{206}Pb(^{48}Ca, x)^{252}No, E not given; ^{204}Hg(^{48}Ca, x)^{250}Fm, E not given; ^{248}Cm(^{209}Bi, x)^{248}Cm, E not given; ^{248}Cm(^{209}Bi, x)^{246}Cm, E not given; measured Eγ, Iγ(t), I(ce); deduced K-isomer decay, T$_{1/2}$, 2qp configurations. Compared to calculations of the same group (another presentation at the conference). CONF Sanibel (Fission and Properties of Neutron-Rich Nuclei) Proc,P105

         2010BL03   ATOMIC MASSES ^{252,253,254}No; measured cyclotron resonance curves; deduced masses. JOUR HYIND 196 225

         2010BL04   ATOMIC MASSES ^{252,253,254}No; measured masses by Penning-trap method at GSI, using ^{133}Cs as standard. JOUR NATUA 463 785

         2010CL01   RADIOACTIVITY ^{254}No(IT) [from ^{208}Pb(^{48}Ca, 2n), E=221 MeV]; measured Eγ, Iγ, γ-particle-coin.; deduced J, π, level energies, rotational bands, decay of isomer state. JOUR PYLBB 690 19

A=255

^{255}Fm   2010GU05   NUCLEAR MOMENTS ^{253,254}Es, ^{255}Fm, ^{250}Bk; measured hyperfine spectra, angular distributions of α particles and γ-rays; deduced magnetic moments. JOUR BRSPE 74 535

^{255}Lr   2008JEZZ   RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay T$_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen

A=256

^{256}Rf   2008JEZZ   RADIOACTIVITY ^{256}Rf[from ^{208}Pb(^{50}Ti, 2n), E=243 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), (e)(e)-coin, (e)γ-coin, particle-γ-coin; deduced E, J, π, isomeric transitions; calculated E, J, π; ^{255}Lr(α)[from ^{209}Bi(^{48}Ca, 2n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(e), I(e), Eα, Iα, (e)α-coin, (e)γ-coin, X-rays, particle-γ-coin; deduced ^{255}Lr E, J, π, rotational band, isomer decay T$_{1/2}$, moment of inertia. Results on CD only. CONF E.Lansing (NS2008),P29,Jeppesen

         2008ROZX   RADIOACTIVITY ^{252}No; measured Eγ, Iγ(t); deduced rotational band, isomeric decay; ^{256}Rf(SF); measured decay products; deduced isomeric transition, T$_{1/2}$; N=150; calculated E, J, π, mass excess using Woods-Saxon and density functional with Skyrme interactions. Density functional does not describe gaps at Z=100 and N=152. Results on CD only. CONF E.Lansing (NS2008),P30,Robinson

A=256 *(continued)*

2009SAZV   RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, $T_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced $T_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato

A=257

No references found

A=258

No references found

A=259

No references found

A=260

^{260}Sg   2009SAZV   RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, $T_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced $T_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato

A=261

No references found

A=262

No references found

A=263

^{263}Hs   2009KAZU   NUCLEAR REACTIONS ^{206}Pb(^{58}Fe, n), E=287.7 MeV; ^{208}Pb(^{56}Fe, n), E=280.4 MeV; measured reaction products; deduced ^{263}Hs $T_{1/2}$, σ, decay chain ^{263}Hs(α)->^{259}Sg(α)->^{255}Rf(α). REPT RIKEN 2008 Annual,Pxiii,Kaji

A=264

^{264}Hs   2009SAZV   RADIOACTIVITY ^{264}Hs(α)[from ^{208}Pb(^{58}Fe, 2n), E=227.2 MeV and ^{207}Pb(^{58}Fe, n), E=220.5 MeV]; measured Eα; deduced σ, T$_{1/2}$; ^{260}Sg[from ^{264}Hs]; ^{256}Rf[from ^{260}Sg]; measured decay products; deduced T$_{1/2}$. Two half-lives for each of ^{260}Sg and ^{256}Rf. REPT RIKEN 2008 Annual,P16,Sato

A=265

No references found

A=266

^{266}Bh   2009MOZU   NUCLEAR REACTIONS ^{248}Cm(^{23}Na, f), E=126, 130, 132 MeV; ^{248}Cm(^{23}Na, 5n), E=126, 130, 132 MeV; measured A(fragment), Z(fragment), Eα, Iα, $\alpha\alpha$-coin, (fragment)α-coin; deduced ^{262}Db, ^{266,267}Bh T$_{1/2}$. Confirmed decay chain of ^{278}A=113. Full version in J. Phys. Soc. Jpn. 78 (2009), 064201. REPT RIKEN 2008 Annual,Pi,Morita

A=267

No references found

A=268

No references found

A=269

No references found

A=270

^{270}Db   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=271

No references found

A=272

No references found

A=273

No references found

A=274

^{274}Bh   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=275

No references found

A=276

No references found

A=277

^{277}Hs   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

A=278

^{278}Mt   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=279

No references found

A=280

No references found

A=281

^{281}Ds   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

^{281}Rg   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=282

^{282}Rg   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=283

No references found

A=284

^{284}112   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

A=285

^{285}112   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

^{285}113   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=286

^{286}113   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=287

No references found

A=288

^{288}114   2010DU06   NUCLEAR REACTIONS ^{244}Pu(^{48}Ca, 3n)^{289}114, ^{244}Pu(^{48}Ca, 4n)^{288}114, E=259.4, 254.6 MeV; measured reaction products, Eα, Iα; deduced σ, α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

A=289

^{289}114   2010DU06   NUCLEAR REACTIONS ^{244}Pu(^{48}Ca, 3n)^{289}114, ^{244}Pu(^{48}Ca, 4n)^{288}114, E=259.4, 254.6 MeV; measured reaction products, Eα, Iα; deduced σ, α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

   2010DU06   RADIOACTIVITY ^{288,289}114, ^{285}112(α), ^{281}Ds(α), ^{284}112, ^{281}Ds, ^{277}Hs(SF); measured reaction products, Eα, Iα; deduced α-decay chains, T$_{1/2}$. JOUR PRLTA 104 252701

^{289}115   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=290

^{290}115   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=291

No references found

A=292

No references found

A=293

^{293}117   2010OG01   NUCLEAR REACTIONS ^{249}Bk(^{48}Ca, 4n), E=252 MeV; ^{249}Bk(^{48}Ca, 3n) , E=247 MeV;measured Eα, Iα, α-α correlations. ^{293,294}117; deduced σ, decay chains, T$_{1/2}$. JOUR PRLTA 104 142502

   2010OG01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

A=294

^{294}117   20100G01   NUCLEAR REACTIONS ^{249}Bk(^{48}Ca, 4n), E=252 MeV; ^{249}Bk(^{48}Ca, 3n) , E=247 MeV;measured Eα, Iα, α-α correlations. ^{293,294}117; deduced σ, decay chains, T$_{1/2}$. JOUR PRLTA 104 142502

20100G01   RADIOACTIVITY ^{293,294}117, ^{289,290}115, ^{285,286}113, ^{282}Rg, ^{278}Mt, ^{274}Bh(α); measured Eα, Iα, and half-lives. ^{270}Db, ^{281}Rg(SF); measured TKE, and T$_{1/2}$. JOUR PRLTA 104 142502

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