Recent References:
October 1, 2008 to December 31, 2008

National Nuclear Data Center, Brookhaven National Laboratory

Document generated: February 1, 2011

This document lists experimental references added to Nuclear Science References (NSR) during the period October 1, 2008 to December 31, 2008. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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

Contents

Keynumbers and Keywords

A=1

^{1}n	2008BL15	NUCLEAR REACTIONS ^{1}H(e, e'π^{+}), E not given; measured σ. JOUR PRVCA 78 045202
	2008NI10	NUCLEAR REACTIONS ^{1}H(γ, K^{+})Λ / Σ, E=1.5-2.4 GeV; measured σ. JOUR PRVCA 78 035202
	2008SE08	RADIOACTIVITY ^{1}n(β^{-}); measured half-life using gravitationally trapped ultracold neutrons. JOUR PRVCA 78 035505
	2008SEZY	NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured cross section. ^{17}O(p, α); deduced cross section. Trojan Horse method. CONF Sapporo(OMEG07),P433,Sergi
^{1}H	2008BL14	NUCLEAR REACTIONS ^{2}H(polarized γ, n), E=14, 16 MeV; measured σ, $\sigma(\theta)$, linear analyzing power, phase shifts. JOUR PRVCA 78 034003
	2008DA16	NUCLEAR REACTIONS ^{1}H(γ, $\gamma\pi^{0}$), E=0.70-0.86 GeV; measured meson mass distributions. JOUR PRVCA 78 045210
	2008HAZX	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{7}Li), (^{8}Li, ^{9}Li), E(cm)=0.3-1.2 MeV; measured excitation functions. CONF Sapporo(OMEG07),P313,Hashimoto
	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495
	2008JA10	NUCLEAR REACTIONS ^{1}H(polarized e, e'γ), E=854.6 MeV; measured electron, proton and missing mass spectra; deduced unpolarized σ, structure functions. JOUR ZAANE 37 1
	2008KU14	NUCLEAR REACTIONS ^{1}H(d, d), E=880 MeV; measured vector and tensor analyzing powers. Compared results to model calculations. JOUR ZSTNE 162 137
	2008SE08	RADIOACTIVITY ^{1}n(β^{-}); measured half-life using gravitationally trapped ultracold neutrons. JOUR PRVCA 78 035505
	2008SK06	NUCLEAR REACTIONS ^{1}H, C(^{11}B, ^{11}B), (^{12}B, ^{12}B), E=44.6 MeV; measured $\sigma(\theta)$. ^{13}C; deduced levels, J, π, resonance widths. Comparisons with ^{13}B, ^{13}N, ^{13}O, shell model calculations. JOUR PRVCA 78 044603
	2008YAZX	NUCLEAR REACTIONS ^{1}H(^{7}Be, ^{7}Be), E(cm)=6.7 MeV; measured Ep, Ip, excitation function. CONF Sapporo(OMEG07),P307,Yamaguchi

A=2

^{2}H	2008AL31	NUCLEAR REACTIONS ^{2}H(n, n'), E=thermal; measured ultracold neutron velocity distribution. JOUR ZAANE 37 9

A=3

^{3}H	2008HAZX	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{7}Li), (^{8}Li, ^{9}Li), E(cm)=0.3-1.2 MeV; measured excitation functions. CONF Sapporo(OMEG07),P313,Hashimoto
	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495
	2008KU13	NUCLEAR REACTIONS ^{2}H(d, p), E=200 MeV; measured vector and tensor analyzing powers. Compared results to model calculations. JOUR ZSTNE 162 133
	2008OT05	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. JOUR PYLBB 666 311
^{3}He	2008BY03	NUCLEAR REACTIONS ^{2}H(p, γ), E=8.28, 9.49, 10.10 keV; measured Eγ, Iγ, cross sections, astrophysical S-factor. JOUR NIMAE 595 543
	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495

A=4

^{4}He	2008FR09	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=25.8, 58.0 MeV; measured Eα, Iα. ^{8}Be; deduced resonance parameters. JOUR JPGPE 35 125108

A=5

^{5}H	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001

A=6

^{6}H	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001

A=6 *(continued)*

^{6}He	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302
	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108
^{6}Li	2008WE08	NUCLEAR REACTIONS ^{2}H(^{9}Be, nα), E=22.35 MeV; measured Q_p value, angular distributions, momentum distributions. ^{9}Be(p, α); deduced astrophysical S-factor, σ, electron screening potential energy. Trojan Horse method. JOUR PRVCA 78 035805
	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302

A=7

^{7}H	2008CA22	NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001
^{7}He	2008DE29	NUCLEAR REACTIONS Be(^{8}Li, X), E=41 MeV / nucleon; measured particle spectra, angular distributions. Deduced energy of ground-state resonances. ^{7}He; deduced ground-state energies and widths. JOUR PRVCA 78 044303
	2008WU05	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{3}He), E=76 MeV; ^{2}H(^{7}Li, t), (^{7}Li, ^{3}He), E=81 MeV; measured charged particle spectra, (particle)(particle)-coin, angular distributions, σ, $\sigma(\theta)$, spectroscopic factors. ^{7}He; deduced levels, J, π. Comparisons with data from ^{2}H(^{6}He, p) experiment. Comparisons with nuclear structure models and variational quantum Monte Carlo calculations. JOUR PRVCA 78 041302
^{7}Be	2008CA17	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605
	2008DI14	NUCLEAR REACTIONS ^{3}He(α, γ), E(cm)=0.7-3.3 MeV; measured yields. JOUR NIMAE 595 381
	2008GI06	NUCLEAR REACTIONS ^{12}C(n, X)^{7}Be, E=63 MeV; measured Eγ, Iγ, cross section. JOUR RMEAE 43 1390

A=7 *(continued)*

	2008OK01	NUCLEAR MOMENTS ^{7}Be; measured hyperfine splitting using laser-microwave double-resonance spectroscopy. Deduced nuclear magnetic moment. JOUR PRLTA 101 212502
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=8

^{8}Li	2008CA17	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605
^{8}Be	2008AF04	NUCLEAR REACTIONS ^{12}C(γ, α), E < 40 MeV; measured cross sections. ^{8}Be; deduced level energies, α widths. JOUR PANUE 71 1827
	2008FR09	NUCLEAR REACTIONS ^{1}H(^{7}Li, α), E=25.8, 58.0 MeV; measured Eα, Iα. ^{8}Be; deduced resonance parameters. JOUR JPGPE 35 125108

A=9

^{9}Li	2008BA35	NUCLEAR REACTIONS Pb, U(^{9}Li, X), E(cm)=28.5 MeV / nucleon; measured σ. ^{8}Li(n, γ); deduced astrophysical capture rates. JOUR PRVCA 78 035804
^{9}Be	2008CA17	NUCLEAR REACTIONS ^{9}Be(^{8}Li, ^{9}Be), E=27 MeV; measured angular distributions, $\sigma(\theta)$; deduced spectroscopic factors. ^{6,8}Li(p, γ); deduced σ, reaction rates. Comparisons with DWBA and shell model calculations. JOUR PRVCA 78 034605
	2008KOZW	NUCLEAR REACTIONS ^{12}C(n, n'X), (n, α), E=14.0 MeV; measured Eα, Iα, $\Sigma(\theta$, E). REPT JAEA-Conf 2008-006,P46,Kondo

A=10

^{10}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
^{10}Be	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108
^{10}C	2008ME11	NUCLEAR REACTIONS Be, C(^{10}C, ^{10}C'), E=10.7 MeV; measured proton spectra, α spectra, αp-, pp-coin from excited states. ^{10}C; deduced levels, correlated 2p decay mode. JOUR PRVCA 78 031602

A=11

^{11}Li	2008NE11	NUCLEAR MOMENTS ^{11}Li; measured electric dipole and quadrupole moments using a NMR based technique. JOUR PRLTA 101 132502
	2008RA23	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron spectrum. Deduced transition probability. JOUR PRLTA 101 212501
	2008SM03	ATOMIC MASSES ^{11}Li; measured mass using a penning trap mass spectrometer. JOUR PRLTA 101 202501
^{11}Be	2008RA23	RADIOACTIVITY ^{11}Li(β^-); measured β-delayed deuteron spectrum. Deduced transition probability. JOUR PRLTA 101 212501

A=12

^{12}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
^{12}B	2007MI49	NUCLEAR MOMENTS ^{12}B(β^-); measured β-assymetry for spin polarized nuclei implanted in Pt foil using the β-NMR method. JOUR HYIND 178 73
^{12}C	2007MI49	NUCLEAR MOMENTS ^{12}B(β^-); measured β-assymetry for spin polarized nuclei implanted in Pt foil using the β-NMR method. JOUR HYIND 178 73

A=13

^{13}Li	2008AK03	NUCLEAR REACTIONS ^{1}H(^{11}Li, np), E=280 MeV / nucleon; ^{1}H(^{14}Be, n2p), (^{14}Be, 2p), E=304 MeV / nucleon; measured fragment spectra, neutron spectra, (fragment)(neutron)-coin. Deduced σ(E). JOUR PYLBB 666 430
^{13}B	2008OT05	NUCLEAR REACTIONS ^{4}He(^{12}Be, ^{13}B), E=50 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{13}B; deduced levels, J, π. JOUR PYLBB 666 311
^{13}C	2008JA07	NUCLEAR REACTIONS ^{2}H(polarized d, p), E=200, 270 MeV; ^{2}H(polarized d, n), E=270 MeV; ^{2}H(polarized d, pX), E=140, 200, 270 MeV; ^{12}C(polarized d, p), E=140, 200, 270 MeV; ^{1}H(polarized d, d), E=880 MeV; measured Analyzing powers. Compared results to model calculations. JOUR PANUE 71 1495
	2008KI17	NUCLEAR REACTIONS ^{12}C(polarized d, p), E=140, 200, 270 MeV; measured tensor analyzing powers. ^{12}C(polarized d, p), E=270 MeV; measured tensor and vector analyzing powers. JOUR ZSTNE 162 143
	2008SK06	NUCLEAR REACTIONS ^{1}H, C(^{11}B, ^{11}B), (^{12}B, ^{12}B), E=44.6 MeV; measured $\sigma(\theta)$. ^{13}C; deduced levels, J, π, resonance widths. Comparisons with ^{13}B, ^{13}N, ^{13}O, shell model calculations. JOUR PRVCA 78 044603
^{13}N	2008BU19	NUCLEAR REACTIONS ^{12}C(p, γ), E=354, 390, 460, 463, 565, 750, 1061 keV; measured Eγ, Iγ, σ, $\sigma(\theta)$. Deduced astrophysical S-factors, asymptotic normalization coefficients. JOUR PRVCA 78 035802

A=13 *(continued)*

2008CA22 NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001

A=14

^{14}N

2008CA22 NUCLEAR REACTIONS ^{12}C(^{8}He, ^{6}H), (^{8}He, ^{7}H), E=15.4 MeV / nucleon; measured particle spectra. ^{5,6,7}H; deduced excitation energies, resonances, widths. Comparison with phase space calculations. JOUR PRVCA 78 044001

2008SEZY NUCLEAR REACTIONS ^{2}H(^{17}O, α^{14}N), E=41 MeV; measured cross section. ^{17}O(p, α); deduced cross section. Trojan Horse method. CONF Sapporo(OMEG07),P433,Sergi

A=15

^{15}N

2008LA13 NUCLEAR REACTIONS ^{2}H(^{18}O, nα), E=54 MeV; measured $\sigma(\theta$, E). ^{18}O(p, α), E=0-250 keV; deduced $\sigma(\theta)$. ^{19}F; deduced low lying resonance strengths. Discussed astrophysical implications. JOUR PRLTA 101 152501

2009CU01 NUCLEAR REACTIONS ^{16}O(^{18}O, ^{10}Be), (^{18}O, ^{19}F), E=80, 100 MeV; measured breakup fragment energies, yields, cross sections. JOUR JPGPE 36 015108

2009CU01 RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108

A=16

^{16}O

2008MAZR NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.4 MeV; measured Eγ, I$\gamma(\theta)$, cross sections. CONF Sapporo(OMEG07),P215,Makii

A=17

^{17}C

2008ST18 NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315

A=18

^{18}C	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315

A=19

^{19}C	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315
^{19}F	2008LA13	NUCLEAR REACTIONS ^{2}H(^{18}O, nα), E=54 MeV; measured $\sigma(\theta$, E). ^{18}O(p, α), E=0-250 keV; deduced $\sigma(\theta)$. ^{19}F; deduced low lying resonance strengths. Discussed astrophysical implications. JOUR PRLTA 101 152501
	2009CU01	RADIOACTIVITY ^{10}Be, ^{19}F(α); measured α-decay from excited states. JOUR JPGPE 36 015108

A=20

^{20}C	2008ST18	NUCLEAR REACTIONS C(^{24}F, X), (^{25}Ne, X), (^{26}Ne, X), (^{27}Na, X), (^{28}Na, X), (^{29}Mg, X), (^{30}Mg, X), E=54-65 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{17,18,19,20}C; deduced levels, J, π. Comparisons with shell-model calculations. JOUR PRVCA 78 034315
^{20}F	2007NA39	NUCLEAR MOMENTS ^{20}F(β^-); measured β angular distribution from nuclear spin aligned nuclei. JOUR HYIND 180 75
^{20}Ne	2007NA39	NUCLEAR MOMENTS ^{20}F(β^-); measured β angular distribution from nuclear spin aligned nuclei. JOUR HYIND 180 75

A=21

^{21}Ne	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321
^{21}Na	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=22

^{22}Na	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=23

^{23}Ne	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85
^{23}Na	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613

A=24

^{24}Na	2008HO10	NUCLEAR REACTIONS ^{24}Mg(t, ^{3}He), E=115 MeV / nucleon; measured particle spectra, $\sigma(\theta)$; deduced levels, B(GT). Comparisons of GT values with ^{24}Mg(^{3}He, t), (d, ^{2}He) reactions and USDA, USDB calculations. JOUR PRVCA 78 047302
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{24}Mg	2007NI14	NUCLEAR MOMENTS ^{24}Al(β^{+}); measured magnetic moment using the β-NMR method. JOUR HYIND 180 71
	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2009CU01	NUCLEAR REACTIONS ^{16}O(^{18}O, ^{10}Be), (^{18}O, ^{19}F), E=80, 100 MeV; measured breakup fragment energies, yields, cross sections. JOUR JPGPE 36 015108

A=24 *(continued)*

^{24}Al	2007NI14	NUCLEAR MOMENTS ^{24}Al(β^+); measured magnetic moment using the β-NMR method. JOUR HYIND 180 71
	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85

A=25

^{25}Mg	2007MA94	NUCLEAR MOMENTS ^{25}Al(β^+); measured electric quadrupole moment using the β-NQR method. JOUR HYIND 180 65
	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
^{25}Al	2007MA94	NUCLEAR MOMENTS ^{25}Al(β^+); measured electric quadrupole moment using the β-NQR method. JOUR HYIND 180 65
	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85
	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613

A=26

^{26}Ne	2008GI09	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, neutron, fragment spectra. ^{26}Ne; deduced B(E1). JOUR PRLTA 101 212503
^{26}Al	2008FI10	NUCLEAR REACTIONS Mg(^{3}He, p)^{25}Al / ^{26}Al / ^{25}Mg / ^{22}Na / ^{23}Na, E=3-36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, σ. ^{26}Al; deduced levels, J, π. Implications for production in early solar system. JOUR PRVCA 78 044613
	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
	2008MA39	RADIOACTIVITY ^{26}Si(β^+); measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $T_{1/2}$, β-branching ratio using the IGISOL technique with the JYFLTRAP facility. Comparison with other results. JOUR ZAANE 37 151

A=26 *(continued)*

^{26}Si	2008MA39	RADIOACTIVITY ^{26}Si(β^+); measured Eγ, Iγ, Eβ, Iβ, $\beta\gamma$-coin, $T_{1/2}$, β-branching ratio using the IGISOL technique with the JYFLTRAP facility. Comparison with other results. JOUR ZAANE 37 151

A=27

^{27}Mg	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{27}P	2008TOZZ	NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured Ep, Ip, relative energy spectrum. ^{27}P; deduced resonant states, γ-widths, coulomb dissociation cross sections. ^{26}Si(p, γ); deduced astrophysical reaction rates. CONF Sapporo(OMEG07),P193,Togano

A=28

^{28}Mg	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{28}Si	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2007ZH54	NUCLEAR MOMENTS ^{28}P(β^+); measured ground state magnetic moment using the β-NMR method. JOUR HYIND 180 37
^{28}P	2007MI50	NUCLEAR MOMENTS ^{25}Al, ^{28}P(β^+); measured spin lattice relaxation times for spin polarized nuclei implanted in a Pt foil using the β-NMR method. JOUR HYIND 178 83
	2007OH11	NUCLEAR REACTIONS Be(^{22}Ne, ^{23}Ne), (^{24}Mg, ^{24}Al), (^{24}Mg, ^{25}Al), (^{28}Si, ^{28}P), E=100 MeV / nucleon; ^{23}Ne, ^{24,25}Al, ^{28}P; measured polarization using the β-NMR technique. JOUR HYIND 180 85
	2007ZH54	NUCLEAR MOMENTS ^{28}P(β^+); measured ground state magnetic moment using the β-NMR method. JOUR HYIND 180 37

A=29

^{29}Al	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=30

^{30}P	2008WRZZ	RADIOACTIVITY ^{31}S(p) [from ^{31}P(^{3}He, t)]; measured proton spectra, triton spectra, pt-coin, angular correlations. ^{31}S; deduced levels, J, π. PREPRINT Wrede

A=31

^{31}Al	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
	2008NAZZ	NUCLEAR REACTIONS ^{93}Nb(^{40}Ar, X)^{31}Al, E=95 MeV / nucleon; measured ground state electric quadrupole moment for a spin polarized beam using β-NMR spectroscopy. PREPRINT arXiv:0810.2879v1 [nucl-ex]
^{31}Si	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
^{31}S	2008WRZZ	NUCLEAR REACTIONS ^{31}P(^{3}He, t), E=20, 25 MeV; measured triton spectra. ^{32}S(d, t), E=25 MeV; measured triton spectra. ^{31}S; deduced levels, J, π. ^{30}P(p, γ); calculated reaction rates at astrophysical energies. PREPRINT Wrede
	2008WRZZ	RADIOACTIVITY ^{31}S(p) [from ^{31}P(^{3}He, t)]; measured proton spectra, triton spectra, pt-coin, angular correlations. ^{31}S; deduced levels, J, π. PREPRINT Wrede

A=32

^{32}Al	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
^{32}Si	2007KA68	NUCLEAR MOMENTS ^{32,31}Al(β^-); measured ground state electric quadrupole moments using the β-NQR method. JOUR HYIND 180 61
^{32}S	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309

A=33

^{33}Mg	2008TR07	RADIOACTIVITY ^{33}Mg(β^-); measured Eγ, Iγ. ^{33}Al; deduced levels, J, π, configurations. Compared results to model calculations. JOUR PRLTA 101 142504
^{33}Al	2008TR07	RADIOACTIVITY ^{33}Mg(β^-); measured Eγ, Iγ. ^{33}Al; deduced levels, J, π, configurations. Compared results to model calculations. JOUR PRLTA 101 142504

A=34

^{34}Si	2008WI09	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}Si, ^{35}P; deduced levels, J, π, B(E2). Comparison with shell model calculations. JOUR PRVCA 78 037302
^{34}Cl	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=35

^{35}P	2008WI09	NUCLEAR REACTIONS ^{208}Pb(^{36}S, X), E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}Si, ^{35}P; deduced levels, J, π, B(E2). Comparison with shell model calculations. JOUR PRVCA 78 037302

A=36

No references found

A=37

No references found

A=38

^{38}S	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{38}Cl	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=39

^{39}Cl	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=40

No references found

A=41

^{41}Si	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
^{41}Ar	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307

A=41 *(continued)*

	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=42

^{42}K	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{42}Ti	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=43

^{43}S	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
^{43}K	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{43}Sc	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=44

^{44}K	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{44}Sc	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008DO22	NUCLEAR REACTIONS ^{45}Sc(γ, n), Ti(γ, X)^{45}Sc, Fe(γ, X)^{45}Sc, Cu(γ, X)^{45}Sc, E < 2.5 GeV; measured Eγ, Iγ, isomeric yield ratios using the activation technique. JOUR NIMBE 266 5080
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=45

^{45}Ar	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
^{45}Sc	2008DO22	NUCLEAR REACTIONS ^{45}Sc(γ, n), Ti(γ, X)^{45}Sc, Fe(γ, X)^{45}Sc, Cu(γ, X)^{45}Sc, E < 2.5 GeV; measured Eγ, Iγ, isomeric yield ratios using the activation technique. JOUR NIMBE 266 5080

A=46

^{46}Sc	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=46 *(continued)*

^{46}Ti	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321

A=47

^{47}Ca	2008GA24	NUCLEAR REACTIONS ^{40,44}Ar(d, p), E=10 MeV / nucleon; measured proton spectra, $\sigma(\theta)$. ^{41,45}Ar; deduced levels energies, angular momenta, spectroscopic factors. ^{41}Si, ^{43}S, ^{47}Ca; systematics of excitation energies. Comparison with shell model calculations. JOUR PRVCA 78 034307
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{47}Sc	2007OH09	NUCLEAR MOMENTS ^{44,46,47}Sc; measured hyperfine anomalies. JOUR HYIND 180 55
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=48

^{48}Sc	2007OH10	NUCLEAR MOMENTS ^{48}Sc(β^-); measured magnetic moment using the β-NMR method. JOUR HYIND 180 79
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{48}Ti	2007OH10	NUCLEAR MOMENTS ^{48}Sc(β^-); measured magnetic moment using the β-NMR method. JOUR HYIND 180 79

A=48 *(continued)*

	2008SC18	NUCLEAR REACTIONS Ti(^{21}Na, ^{21}Na), (^{21}Ne, ^{21}Ne'γ), E=1.7 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{21}Ne, ^{21}Na, ^{42,46,48}Ti; deduced levels, J, π, multipolarities, mixing ratios, B(E2). Coulomb excitation. JOUR PRVCA 78 044321
^{48}V	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{48}Cr	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=49

^{49}Cr	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=50

No references found

A=51

^{51}Cr	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=52

^{52}Mn	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{52}Fe	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=53

^{53}Fe	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=54

^{54}Mn	2008MU16	NUCLEAR REACTIONS ^{55}Mn(n, 2n), E=14 MeV; measured En, In, nn-coin, cross section. Compared results to evaluated databases. JOUR NIMAE 595 439
	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

A=55

^{55}Co	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

A=56

^{56}Mn	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
^{56}Co	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615
	2009AL01	NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

A=57

^{57}Co	2008TI05	NUCLEAR REACTIONS ^{56}Fe(p, X)^{7}Be / ^{22}Na / ^{24}Na / ^{27}Mg / ^{28}Mg / ^{29}Al / ^{38}S / ^{34m}Cl / ^{38}Cl / ^{39}Cl / ^{41}Ar / ^{42}K / ^{43}K / ^{44}K / ^{47}Ca / ^{43}Sc / ^{44}Sc / ^{44m}Sc / ^{46}Sc / ^{47}Sc / ^{48}Sc / ^{48}V / ^{48}Cr / ^{49}Cr / ^{51}Cr / ^{52}Mn / ^{52m}Mn / ^{54}Mn / ^{56}Mn / ^{52}Fe / ^{53}Fe / ^{55}Co / ^{56}Co / ^{57}Co, E=300, 500, 750, 1000, 1500, 2600 MeV; measured Eγ, Iγ, σ, mass distributions. ^{1}H(^{56}Fe, X)E=300, 500, 750, 100, 1500 MeV / nucleon; systematics of σ. ^{27}Al(p, x)^{22}Na; analyzed excitation function. JOUR PRVCA 78 034615

A=57 *(continued)*

2009AL01 NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

A=58

^{58}Co 2009AL01 NUCLEAR REACTIONS Fe(p, xn)^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co, (p, X)^{54}Mn, ^{57}Fe(p, n), (p, α), E < 18.5 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR ARISE 67 122

^{58}Ni 2008DO19 NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303

A=59

No references found

A=60

^{60}Cu 2008YA21 NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

^{60}Zn 2008VO12 NUCLEAR REACTIONS ^{24}Mg(^{36}Ar, X)^{60}Zn, E=195 MeV; measured fission fragments distributions, $\sigma(\theta)$; deduced evidence for ternary cluster decay process from strongly dependent high-spin states. JOUR PRVCA 78 044615

A=61

^{61}Cu 2008YA21 NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=62

^{62}Zn 2008YA21 NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=63

^{63}Zn	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=64

^{64}Zn	2008YA21	NUCLEAR REACTIONS ^{58}Ni(α, p), (α, np); ^{60}Ni(α, 2np), (α, n), (α, 2n); ^{61}Ni(α, 3n), (α, n), E=8-40 MeV; measured σ. Comparisons with predictions of theoretical code ALICE-91. JOUR PRVCA 78 044606

A=65

No references found

A=66

No references found

A=67

^{67}Fe	2008PA33	RADIOACTIVITY ^{67}Fe(β^-) [from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\gamma\beta$-coin, half-lives, multipolarities, logft. ^{67}Co; deduced levels, isomers, configurations by correlation techniques. Comparisons with ^{57,59,61,63,65,67}Co, ^{68}Ni and theoretical data. JOUR PRVCA 78 041307
^{67}Co	2008PA33	RADIOACTIVITY ^{67}Fe(β^-) [from ^{238}U(p, F), E=30 MeV]; measured Eγ, Iγ, Eβ, Iβ, $\gamma\gamma$-, $\gamma\beta$-coin, half-lives, multipolarities, logft. ^{67}Co; deduced levels, isomers, configurations by correlation techniques. Comparisons with ^{57,59,61,63,65,67}Co, ^{68}Ni and theoretical data. JOUR PRVCA 78 041307

A=68

^{68}Ni	2008BR18	NUCLEAR REACTIONS ^{108}Pd(^{68}Ni, ^{68}Ni'), E=2.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$, scattering angle. ^{68}Ni; deduced levels, J, π, B(E2). JOUR PRVCA 78 047301

A=69

^{69}Zn	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105

A=69 *(continued)*

^{69}Ge	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105

A=70

^{70}Ga	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105

A=71

^{71}Zn	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105

A=72

^{72}Ga	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105

A=73

^{73}Ga	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{73}Kr	2008JO07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα), (^{40}Ca, npα), E=165 MeV; measured Eγ, Iγ, electric quadrupole moments, half-lives using residual doppler shift method. ^{73}Kr, ^{74}Rb; deduced levels, J, π, bands, transition quadrupole moments, configurations. Comparisons with cranked Nilsson-Strutinsky and relativistic mean-field calculations. JOUR PRVCA 78 034312

A=74

^{74}Ga	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{74}Rb	2008JO07	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, n2pα), (^{40}Ca, npα), E=165 MeV; measured Eγ, Iγ, electric quadrupole moments, half-lives using residual doppler shift method. ^{73}Kr, ^{74}Rb; deduced levels, J, π, bands, transition quadrupole moments, configurations. Comparisons with cranked Nilsson-Strutinsky and relativistic mean-field calculations. JOUR PRVCA 78 034312

A=75

^{75}Ga	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
^{75}Ge	2008LA12	NUCLEAR REACTIONS ^{70}Ge(n, 2n), (n, p), ^{72}Ge(n, p), (n, α), ^{73}Ge(n, p), ^{74}Ge(n, p), (n, α), ^{76}Ge(n, 2n), E=13.6, 14.1 MeV; measured cross sections using the activation technique. JOUR ANEND 35 2105
^{75}As	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008

A=76

^{76}As	2008GR19	NUCLEAR REACTIONS ^{76}Se(d, ^{2}He), E=183 MeV; measured particle spectra, $\sigma(\theta)$. ^{76}As; deduced levels, J, π, B(GT), DWBA analysis. Comparison with ^{76}Se(n, p), ^{76}Ge(p, n) reactions. JOUR PRVCA 78 044301

A=77

^{77}As	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008
^{77}Br	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008

A=78

No references found

A=79

^{79}Se	2008MAZS	NUCLEAR REACTIONS ^{80}Se(γ, n), E < 20 MeV; measured neutron spectra, cross sections. CONF Sapporo(OMEG07),P134,Makinaga
^{79}Br	2008KAZT	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, ^{3}He), E=80 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, d), E=73 MeV; measured cross sections and angular distributions. ^{73,75}Ga, ^{75,77}As, ^{77,79}Br; deduced levels, J, π, spectroscopic factors. PC B P Kay, 12/2/2008

A=80

^{80}Sr	2008KA32	NUCLEAR REACTIONS ^{54}Fe(^{28}Si, 2p), E=90 MeV; ^{58}Ni(^{28}Si, 2pα), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, polarization, multipolarities, mixing ratios, angular correlation, polarization. ^{80}Sr; deduced levels, J, π, bands. JOUR PRVCA 78 037303

A=81

No references found

A=82

^{82}Sr	2008YU04	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 4p), E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{82}Sr; deduced g-factors for positive parity rotational states. Transient magnetic field ion implantation perturbed angular distribution method. JOUR CPLEE 25 3617

A=83

No references found

A=84

No references found

A=85

^{85}Zr	2007YU03	NUCLEAR REACTIONS ^{60}Ni(^{28}Si, n2p), E=98 MeV; measured Eγ, I$\gamma(\theta)$, g-factors for high spin states. JOUR HYIND 180 49

A=85 *(continued)*

2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=86

^{86}Y 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

^{86}Zr 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=87

^{87}Y 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=88

^{88}Y 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

^{88}Zr 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=89

^{89}Zr 2008DI17 NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=90

^{90}Zr	2008KU16	NUCLEAR REACTIONS ^{90}Zr(^{6}Li, ^{6}Li), E=11, 12, 13, 14, 15, 17, 19, 21, 25, 30 MeV; measured angular distributions, σ, optical potentials, normalization factors. Comparison with Continuum Discretized Coupled Channels calculations. JOUR PRVCA 78 044617
^{90}Nb	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
^{90}Mo	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=91

^{91}Nb	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087

A=92

^{92}Zr	2008TA29	NUCLEAR REACTIONS ^{91}Zr(n, γ), E<26 keV; measured σ, resonance energies, partial γ and neutron widths, deduced spins, capture bands. R-matrix analysis of resonances. Time-of-flight method. JOUR PRVCA 78 045804
	2008WE07	NUCLEAR MOMENTS C(^{92}Zr, ^{92}Zr'), (^{94}Zr, ^{94}Zr'), E=275 MeV; ^{92,94}Zr; measured g factors. Transient field technique. JOUR PRVCA 78 031301
^{92}Nb	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
^{92}Rh	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=93

^{93}Mo	2008DI17	NUCLEAR REACTIONS ^{93}Nb(p, X)^{90}Mo / ^{93}Mo / ^{90}Nb / ^{91}Nb / ^{92}Nb / ^{86}Zr / ^{88}Zr / ^{89}Zr / ^{86}Y / ^{87}Y / ^{88}Y / ^{85}Zr, E=30-70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5087
	2008NA22	NUCLEAR REACTIONS Y(^{7}Li, 3n)^{93}Mo, E=43.2 MeV; measured Eγ, Iγ, yields. JOUR ARISE 66 1793

A=93 *(continued)*

^{93}Pd	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=94

^{94}Zr	2008WE07	NUCLEAR MOMENTS C(^{92}Zr, ^{92}Zr'), (^{94}Zr, ^{94}Zr'), E=275 MeV; ^{92,94}Zr; measured g factors. Transient field technique. JOUR PRVCA 78 031301
^{94}Pd	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503
^{94}Ag	2008KA30	ATOMIC MASSES ^{92}Rh, ^{94}Pd; measured masses using the JYFLTRAP mass spectrometer. ^{93}Pd, ^{94}Ag; deduced masses. JOUR PRLTA 101 142503

A=95

^{95}Tc	2008LU10	NUCLEAR REACTIONS ^{96}Ru(n, d), E=13.5, 14.1, 14.8 MeV; measured Eγ, Iγ, cross sections using the activation method. JOUR ARISE 66 1920

A=96

^{96}Zr	2008DO23	RADIOACTIVITY ^{96}Zr($2\beta^-$); analyzed nuclear matrix elements for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. JOUR PRVCA 78 041602
^{96}Nb	2008DO23	NUCLEAR REACTIONS ^{96}Mo(d, ^{2}He), E=183.5 MeV; measured charged particle spectra, $\sigma(\theta)$. ^{96}Nb; deduced levels, J, π, B(GT). JOUR PRVCA 78 041602
^{96}Mo	2008DO23	RADIOACTIVITY ^{96}Zr($2\beta^-$); analyzed nuclear matrix elements for $2\nu\beta\beta$ and $0\nu\beta\beta$ decay modes. JOUR PRVCA 78 041602

A=97

No references found

A=98

No references found

A=99

No references found

A=100

No references found

A=101

No references found

A=102

^{102}Zr	2008LI45	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{102}Zr; deduced levels, J, π, bands. JOUR PRVCA 78 044317

A=103

^{103}Rh	2008SU18	NUCLEAR REACTIONS ^{11}B(^{96}Zr, 4n), (^{96}Zr, 3n), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil-distance doppler shift method. ^{103,104}Rh; deduced levels, J, π, configurations, B(M1), B(E2). JOUR PRVCA 78 031302

A=104

^{104}Rh	2008SU18	NUCLEAR REACTIONS ^{11}B(^{96}Zr, 4n), (^{96}Zr, 3n), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using recoil-distance doppler shift method. ^{103,104}Rh; deduced levels, J, π, configurations, B(M1), B(E2). JOUR PRVCA 78 031302
^{104}Ag	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101
^{104}Cd	2008KH12	NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=105

^{105}Ag	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

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

2008KH12 NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=106

^{106}Ag 2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

2008KH12 NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=107

^{107}Cd 2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

2008KH12 NUCLEAR REACTIONS Ag(p, X)^{104}Ag / ^{105}Ag / ^{106}Ag / ^{104}Cd / ^{107}Cd, E < 40 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. JOUR NIMBE 266 5101

A=108

^{108}Pd 2008BR18 NUCLEAR REACTIONS ^{108}Pd(^{68}Ni, ^{68}Ni'), E=2.9 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$, scattering angle. ^{68}Ni; deduced levels, J, π, B(E2). JOUR PRVCA 78 047301

^{108}In 2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=109

^{109}In 2008KH11 NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=110

^{110}Ag	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{110}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=111

^{111}Ag	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{111}Cd	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{111}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{111}Sn	2008GA26	NUCLEAR REACTIONS ^{100}Mo(^{20}Ne, 5nα), E=136 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, half-lives using doppler shift attenuation method. ^{111}Sn; deduced levels, J, π, band structure, moment of inertia of bands, B(E2), deformations, transition quadrupole moments. Total Routhian surface calculations. JOUR PRVCA 78 037301

A=112

^{112}Cd	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008KI18	RADIOACTIVITY ^{112}Sn(2EC); measured Eγ, Iγ, half-life. ^{112}Cd; deduced levels, J, π. Neutrinoless electron capture. JOUR PRVCA 78 035504
^{112}Sn	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008KI18	RADIOACTIVITY ^{112}Sn(2EC); measured Eγ, Iγ, half-life. ^{112}Cd; deduced levels, J, π. Neutrinoless electron capture. JOUR PRVCA 78 035504

A=113

^{113}Ag	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
^{113}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877

A=114

^{114}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{114}Sn	2008DO19	NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303

A=115

^{115}Cd	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{115}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=116

^{116}In	2008KH11	NUCLEAR REACTIONS Cd(p, X)^{107}Cd / ^{111}Cd / ^{115}Cd / ^{108}In / ^{109}In / ^{110}In / ^{111}In / ^{113}In / ^{114}In / ^{115}In / ^{116}In / ^{104}Ag / ^{105}Ag / ^{106}Ag / ^{110}Ag / ^{111}Ag / ^{113}Ag, E=3-40 MeV; measured Eγ, Iγ, cross sections using the stacked foil activation technique. Compared results to existing data and model calculations. JOUR NIMBE 266 4877
	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{116}Sn	2008DO19	NUCLEAR REACTIONS ^{58}Ni(^{114}Sn, ^{114}Sn'), (^{116}Sn, ^{116}Sn'), E=3.4 MeV / nucleon; measured Eγ, Iγ. ^{114,116}Sn; deduced B(E2). Comparison with large-scale shell model calculations and B(E2) for even-even Tin isotopes. Coulomb excitation. JOUR PRVCA 78 031303

A=117

^{117}In	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731
^{117}Sn	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=118

^{118}I	2008MO16	NUCLEAR REACTIONS ^{110}Cd(^{12}C, 3np), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{118}I; deduced levels, J, π. JOUR KPSJA 53 1844

A=119

^{119}Sn	2008RE11	NUCLEAR REACTIONS ^{114}Cd(α, n), (α, p), (α, np), (α, 2np), (α, 3np), ^{116}Cd(α, n), (α, 2np), (α, 3np), (α, 3n2p), (α, 3n), ^{114,116}Cd(α, xnp)^{116}In / ^{117}In, E < 40 MeV; measured excitation functions using the stacked foil activation technique. JOUR NIMBE 266 4731

A=120

^{120}Sb	2008CA20	NUCLEAR REACTIONS ^{117}Sn(α, γ), (α, p), E(cm)=11.5, 14.6 MeV; measured σ; deduced astrophysical S-factors. Comparison with McFadden Optical model calculations. JOUR PRVCA 78 035803

A=121

^{121}Te	2008CA20	NUCLEAR REACTIONS ^{117}Sn(α, γ), (α, p), E(cm)=11.5, 14.6 MeV; measured σ; deduced astrophysical S-factors. Comparison with McFadden Optical model calculations. JOUR PRVCA 78 035803

A=122

No references found

A=123

No references found

A=124

^{124}Sn	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
^{124}Sb	2009EL01	NUCLEAR REACTIONS ^{124}Sn(p, n), E=3.0-16.2 MeV; measured excitation function. Comparison to existing data and model calculations. JOUR ARISE 67 147
^{124}Te	2008DA13	RADIOACTIVITY ^{112}Sn ($2\beta^+$), (2EC); ^{124}Sn($2\beta^-$); measured Eγ, Iγ, half-life. ^{112}Cd, ^{124}Te; deduced levels, J, π. JOUR PRVCA 78 035503
	2008GH04	RADIOACTIVITY ^{124}I(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin, log ft. ^{124}Te; deduced levels, J, π. Comparison to model calculations. JOUR IMPEE 17 1453
^{124}I	2008GH04	RADIOACTIVITY ^{124}I(β^+); measured Eγ, Iγ, $\gamma\gamma$-coin, log ft. ^{124}Te; deduced levels, J, π. Comparison to model calculations. JOUR IMPEE 17 1453

A=125

^{125}Cs	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313

A=126

No references found

A=127

No references found

A=128

^{128}I	2008RA21	NUCLEAR REACTIONS ^{129}I(γ, n), E < 30 MeV; measured Eγ, Iγ, inclusive cross section. JOUR NSENA 160 363

A=129

^{129}Cs	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313
^{129}La	2008SA36	NUCLEAR REACTIONS ^{120}Sn(^{14}N, 5n), E=77 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin with OSIRIS II array. ^{129}La deduced yrast levels, J, π, $T_{1/2}$, B(E2) using DSA. Comparison with core quasi-particle coupling model. JOUR ZAANE 37 169

A=130

^{130}Sn	2008AR09	RADIOACTIVITY ^{130}Te($2\beta^+$); measured Eγ, Iγ, half-life. Neutrinoless double-beta decay. JOUR PRVCA 78 035502
^{130}Te	2008AR09	RADIOACTIVITY ^{130}Te($2\beta^+$); measured Eγ, Iγ, half-life. Neutrinoless double-beta decay. JOUR PRVCA 78 035502
^{130}Xe	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313

A=131

^{131}Cs	2008SI26	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4nγ), E=46 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, polarizations. ^{131}Cs; deduced levels, J, π, band structure, configurations, B(M1), B(E2). ^{125,129}Cs, ^{130}Xe; band systematics. Comparisons with Hartree-Fock calculations. JOUR PRVCA 78 034313

A=132

No references found

A=133

^{133}Cs	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{133}La	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=134

^{134}Te	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{134}Ce	2008SA35	NUCLEAR REACTIONS Au(^{134}Ce, ^{134}CE'), (^{136}ND, ^{136}ND'), E$\approx$ 126 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{134}Ce, ^{136}Nd; deduced B(E2). JOUR PYLBB 669 19

A=135

^{135}Te	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{135}I	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
^{135}Ba	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=136

^{136}I	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Ba	2008MU19	NUCLEAR REACTIONS ^{136}Ba(n, n'γ), E=2.2-3.9 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions, multipolarities, mixing ratios, half-lives using Doppler Shift Attenuation Method. ^{136}Ba; deduced levels, J, π, B(E1), B(M1), B(E2), F(t). Comparisons with ^{134}Ba, QPM calculations. JOUR PRVCA 78 034317
^{136}Pr	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Nd	2008MU18	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 4nγ), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives using doppler shift attenuation method. ^{136}Nd; deduced levels, J, π, bands, transition quadrupole moments, B(M1), B(E2), configurations. Comparisons with random phase approximations and tilted-axis cranking models. JOUR PRVCA 78 034311
	2008SA35	NUCLEAR REACTIONS Au(^{134}Ce, ^{134}CE'), (^{136}ND, ^{136}ND'), E≈ 126 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{134}Ce, ^{136}Nd; deduced B(E2). JOUR PYLBB 669 19
^{136}Pm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{136}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=137

^{137}Ce	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=137 *(continued)*

^{137}Pm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{137}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{137}Eu	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=138

^{138}Pm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{138}Sm	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{138}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=139

^{139}Nd	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=139 *(continued)*

^{139}Eu	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{139}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=140

^{140}La	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{140}Ce	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309
^{140}Eu	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{140}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=141

^{141}Pr	2008SC17	NUCLEAR REACTIONS ^{141}Pr(n, n'γ), E=1.5-3.2 MeV; measured Eγ, Iγ, angular distributions, σ, half-lives using doppler shift attenuation method; deduced levels, J, π, multipolarities, mixing ratios, configurations, B(M1), B(E1), B(E2). Comparison with core plus particle coupling model. JOUR PRVCA 78 034302
^{141}Sm	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=142

^{142}Nd	2008VE06	RADIOACTIVITY ^{142}Pm(EC); measured Eγ, Iγ, X-ray spectra, decay constant. JOUR PYLBB 670 196
^{142}Pm	2008VE06	RADIOACTIVITY ^{142}Pm(EC); measured Eγ, Iγ, X-ray spectra, decay constant. JOUR PYLBB 670 196
^{142}Gd	2008CA16	NUCLEAR REACTIONS ^{99}Ru(^{48}Ti, 3n2p), E=240 MeV; measured Eγ, Iγ, half-lives using doppler shift attenuation method. ^{142}Gd; deduced levels, B(E2), bands, configurations; calculated energy of configurations in rotational bands, deformations, potential energy surfaces. Cranking model. JOUR PRVCA 78 034316
^{142}Tb	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=143

^{143}Gd	2008XU05	NUCLEAR REACTIONS ^{128}Te(^{16}O, 5nγ), E=90 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, multipolarities. ^{139}Nd; deduced levels, J, π, bands, configurations. ^{135}Ba, ^{137}Ce, ^{141}Sm, ^{143}Gd; compared band structure and configurations. JOUR PRVCA 78 034310

A=144

^{144}Nd	2008FI08	NUCLEAR REACTIONS ^{144}Nd, ^{148}Sm(^{48}Ti, ^{48}Ti'), E=130 MeV; measured Eγ, Iγ, σ; deduced B(E2) ratios. Coulomb excitation. JOUR PRVCA 78 034309
	2009ZH01	NUCLEAR REACTIONS ^{147}Sm(n, α), E=5.0, 6.0 MeV; measured Eα, Iα, cross sections. Compared results to existing data. JOUR ARISE 67 46
^{144}Sm	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
^{144}Gd	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304
^{144}Ho	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=145

No references found

A=146

No references found

A=147

No references found

A=148

^{148}Sm	2008FI08	NUCLEAR REACTIONS ^{144}Nd, ^{148}Sm(^{48}Ti, ^{48}Ti'), E=130 MeV; measured Eγ, Iγ, σ; deduced B(E2) ratios. Coulomb excitation. JOUR PRVCA 78 034309
^{148}Dy	2008RI05	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, X)^{136}Pm / ^{137}Pm / ^{136}Sm / ^{137}Sm / ^{138}Sm / ^{137}Eu / ^{139}Eu / ^{138}Gd / ^{139}Gd / ^{140}Gd, E=315 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, half-lives. ^{136}Pm; deduced levels, bands, (Bλ). ^{144}Gd, ^{148}Dy, ^{138}Pm, ^{140}Eu, ^{142}Tb, ^{144}Ho, ^{133}Cs, ^{134,135}Te, ^{133}La, ^{136}Pr, ^{136}I; systematics of B(E1), B(E2), B(M1). JOUR PRVCA 78 034304

A=149

^{149}Gd	2008RO23	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319

A=150

No references found

A=151

^{151}Tb	2008LE21	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. Compared results to model calculations. Continuum γ transitions for Superdeformed nuclei. JOUR PRLTA 101 142502
	2008RO23	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319

A=152

^{152}Dy 2008RO23 NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{151}Tb; deduced levels, J, π, superdeformed bands. ^{149}Gd, ^{152}Dy; systematics of deformed bands. JOUR PRVCA 78 034319

A=153

^{153}Sm 2008TAZY NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan

2008UD06 NUCLEAR REACTIONS ^{152,154}Sm(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross sections using activation technique. Compared results to evaluated databases. JOUR NIMBE 266 4855

A=154

^{154}Sm 2008EV01 NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614

A=155

^{155}Sm 2008UD06 NUCLEAR REACTIONS ^{152,154}Sm(n, γ), E=0.0536 eV; measured Eγ, Iγ, cross sections using activation technique. Compared results to evaluated databases. JOUR NIMBE 266 4855

A=156

No references found

A=157

No references found

A=158

No references found

A=159

No references found

A=160

No references found

A=161

^{161}Er	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872

A=162

No references found

A=163

^{163}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872

A=164

^{164}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=165

^{165}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=166

^{166}Er	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
^{166}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{166}Yb	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303

A=166 *(continued)*

^{166}Os	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=167

^{167}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{167}Yb	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303

A=168

^{168}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872
^{168}Yb	2008ST17	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, rotational damping and spreading widths, level mixing. Continuum gamma-ray spectroscopy. JOUR PRVCA 78 034303
^{168}Hf	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316
^{168}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=169

^{169}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=170

^{170}Tm	2008TA27	NUCLEAR REACTIONS Er(p, X)^{161}Er / ^{163}Tm / ^{166}Tm / ^{167}Tm / ^{168}Tm / ^{170}Tm, E < 70 MeV; measured Eγ, Iγ, excitation functions using the stacked foil activation technique. Compared results to model calculations. JOUR NIMBE 266 4872

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

^{170}Hf	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316
^{170}Pt	2008BI15	RADIOACTIVITY ^{168,169,170}Pt(α); measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin. Deduced α-decay branching ratios. JOUR NIMAE 597 189

A=171

^{171}Hf	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316

A=172

No references found

A=173

No references found

A=174

No references found

A=175

^{175}Hf	2008YA20	NUCLEAR REACTIONS ^{96}Zr(^{76}Ge, 4n), E=310 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions. ^{168}Hf; deduced levels, J, π, bands, configurations, strongly deformed triaxial bands. ^{170,171,175}Hf; systematics of bands. Comparison with cranked shell model calculations. JOUR PRVCA 78 044316

A=176

No references found

A=177

No references found

A=178

No references found

A=179

No references found

A=180

^{180}Hf	2008TA28	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Hf; deduced levels, J, π. JOUR PRLTA 101 182503

A=181

No references found

A=182

No references found

A=183

No references found

A=184

No references found

A=185

No references found

A=186

^{186}W	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614

A=187

No references found

A=188

No references found

A=189

No references found

A=190

No references found

A=191

^{191}Pb	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=192

^{192}Ir	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{192}Pb	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{192}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=193

^{193}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=194

^{194}Ir	2008TAZY	NUCLEAR REACTIONS ^{139}La, ^{152}Sm, ^{191,193}Ir(n, γ), E=55, 144 keV; measured Eγ, Iγ, cross sections. REPT JAEA-Conf 2008-006,P40,Tan
^{194}Pt	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
^{194}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=195

^{195}Bi	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{195}Po	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=196

^{196}Au	2008GI07	NUCLEAR REACTIONS ^{27}Al, Ag, ^{197}Au(^{3}He, α), E=130, 270 MeV; ^{27}Al, Ag, ^{197}Au(p, α), E=200 MeV; measured α-spectra, σ, angular distributions, (particle)(particle)-coin, α-yields, multiplicity distributions, fragment charge distributions, linear momentum distributions of charged particles. JOUR PRVCA 78 034601
^{196}Pb	2008LE21	NUCLEAR REACTIONS ^{130}Te(^{27}Al, 6n), E=155 MeV; ^{170}Er(^{30}Si, 4n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$ coin. Compared results to model calculations. Continuum γ transitions for Superdeformed nuclei. JOUR PRLTA 101 142502
^{196}Po	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328
^{196}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=197

^{197}Au	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614

A=197 *(continued)*

^{197}At	2008AN11	NUCLEAR REACTIONS ^{118}Sn(^{82}Kr, 2np), E=362 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, conversion electrons. ^{197}At; deduced levels, J, π, bands. Comparison with ^{193}Bi, total Routhian surface forces for ^{191,193,195,197}At. JOUR PRVCA 78 044328
	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=198

^{198}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=199

^{199}At	2008AN11	RADIOACTIVITY ^{195,196}Po, ^{196,197,197m,198,199}At(α) [from ^{118}Sn(^{82}Kr, X), E=362 MeV]; measured α-spectra, α(recoil)-coin, half-lives. JOUR PRVCA 78 044328

A=200

No references found

A=201

No references found

A=202

No references found

A=203

No references found

A=204

No references found

A=205

No references found

A=206

No references found

A=207

No references found

A=208

^{208}Pb	2008BU21	NUCLEAR REACTIONS ^{32}S, ^{140}Ce, ^{208}Pb(γ, γ'), E=2-7 MeV; measured Eγ, γ-ray linear polarizations. ^{140}Ce; deduced levels, J, π, asymmetries. Bremsstrahlung beam, Compton polarimetry. JOUR PRVCA 78 044309
	2008EV01	NUCLEAR REACTIONS ^{144,154}Sm, ^{166}Er, ^{186}W, ^{197}Au, ^{208}Pb(^{16}O, ^{16}O), E=17-26 MeV; measured yields, $\sigma(\theta)$, diffuseness parameter. Coupled-channel calculations. JOUR PRVCA 78 034614
	2008GI09	NUCLEAR REACTIONS ^{208}Pb(^{26}Ne, ^{26}Ne'), E=58 MeV / nucleon; measured Eγ, Iγ, neutron, fragment spectra. ^{26}Ne; deduced B(E1). JOUR PRLTA 101 212503

A=209

No references found

A=210

No references found

A=211

No references found

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

No references found

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

No references found

A=229

No references found

A=230

No references found

A=231

^{231}Fr	2008B029	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244

A=231 ***(continued)***

^{231}Ra	2008BO29	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244
^{231}Ac	2008BO29	RADIOACTIVITY ^{231}Fr, ^{231}Ra(β^-) [from ^{238}U(p, X), E=1 GeV and subsequent mass separation]; measured Eγ, Iγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{231}Ac deduced levels, J, π, ICC, multipolarities, B(E1), B(M1), $T_{1/2}$. Mini-orange spectrometer. Advanced Time Delayed $\beta\gamma\gamma$(t) method. JOUR NUPAB 811 244

A=232

^{232}Th	2008DE28	NUCLEAR REACTIONS ^{232}Th(n, n'), E=fast; measured Eγ, Iγ. ^{232}Th; deduced levels, J, π. JOUR PANUE 71 1839
	2008TA28	NUCLEAR REACTIONS ^{232}Th(^{180}Hf, ^{180}Hf'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{180}Hf; deduced levels, J, π. JOUR PRLTA 101 182503

A=233

No references found

A=234

No references found

A=235

^{235}U	2008BE31	NUCLEAR REACTIONS ^{235}U(γ, γ'), E=2.2 MeV;^{239}Pu(γ, γ), E=2.8 MeV; measured Eγ, Iγ, σ; deduced level energies, dipole excitations. JOUR PRVCA 78 041601

A=236

^{236}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=237

^{237}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{237}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=238

^{238}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{238}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=239

^{239}Pu	2008BE31	NUCLEAR REACTIONS ^{235}U(γ, γ'), E=2.2 MeV;^{239}Pu(γ, γ), E=2.8 MeV; measured Eγ, Iγ, σ; deduced level energies, dipole excitations. JOUR PRVCA 78 041601
^{239}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{239}Fm	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=240

^{240}Cf	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=241

^{241}Bk	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{241}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{241}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=242

^{242}Am	2008JA08	NUCLEAR REACTIONS ^{241}Am(n, γ), E=0.02 eV-320 keV; measured Eγ, Iγ, σ, resonance parameters. Comparison with evaluated cross sections databases. JOUR PRVCA 78 034609
^{242}Cm	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{242}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=243

^{243}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{243}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=244

^{244}Pu	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308
^{244}Es	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177
^{244}Fm	2008KH10	NUCLEAR REACTIONS ^{207}Pb(^{40}Ar, 3n), E=193 MeV; ^{208}Pb(^{40}Ar, 4n), E=201 MeV; ^{206}Pb(^{40}Ar, xn)^{242}Fm / ^{243}Fm / ^{244}Fm, E=185-204 MeV; ^{204}Pb(^{40}Ar, 3n), E=187-206 MeV; ^{204}Pb(^{40}Ar, 2n), E=187 MeV; measured σ, Eγ, Iγ, Eα, $\alpha\gamma$-, (recoil)γ-coin following residual nucleus decay. Non observance of ^{242}Fm nor K-isomers in ^{241,242,243,244}Fm. Comparison with HIVAP calculations. JOUR ZAANE 37 177
	2008KH10	RADIOACTIVITY ^{242}Fm(α), (SF), ^{241,243,244}Fm(EC), (α), (SF) [from ^{204,206,207,208}Pb(^{40}Ar, X)]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$, branching ratio, total kinetic energy, SF hindrance factors. Non observance of ^{242}Fm. Comparison with $T_{1/2}$ calculations. ^{236,237,238,239}Fm(SF); calculated $T_{1/2}$. JOUR ZAANE 37 177

A=245

^{245}Es	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=246

^{246}Am	2008RO21	RADIOACTIVITY ^{246}Am(β^-) [from ^{244}Pu(α, pn), E=42 MeV]; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-spectra, isomer half-life. ^{246}Cm; deduced levels, J, π. JOUR PRVCA 78 034308
^{246}Cm	2008RO21	RADIOACTIVITY ^{246}Am(β^-) [from ^{244}Pu(α, pn), E=42 MeV]; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-spectra, isomer half-life. ^{246}Cm; deduced levels, J, π. JOUR PRVCA 78 034308
^{246}Cf	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{246}Es	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=247

No references found

A=248

^{248}Cf	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308

A=249

^{249}Md	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=250

^{250}Fm	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308
^{250}Md	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=251

No references found

A=252

^{252}Cf	2008EN02	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, En, In, $\gamma\gamma$-, nn-coin, cross correlation functions. compared results to model calculations. JOUR NIMAE 595 426
	2008GO28	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, angular correlations, g-factors. ^{134}Te, ^{135}I; deduced levels, J, π, mixing ratios. Comparison with shell model calculations. JOUR PRVCA 78 044331
	2008LI45	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{102}Zr; deduced levels, J, π, bands. JOUR PRVCA 78 044317
^{252}No	2008RO21	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), E=217 MeV; measured Eγ, Iγ, conversion electron spectra, $\gamma\gamma$-, (ce)γ-coin, half-life. ^{252}No; deduced levels, J, π. ^{244}Pu, ^{248}Cf, ^{250}Fm; systematics of 2- and 8- states. JOUR PRVCA 78 034308

A=253

^{253}Lr	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=254

^{254}No	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604
^{254}Lr	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=255

No references found

A=256

No references found

A=257

^{257}Db	2008GA25	NUCLEAR REACTIONS ^{208}Pb(^{51}V, n), (^{51}V, 2n), E=4.7-5.1 MeV / nucleon; measured excitation function, σ. ^{209}Bi(^{50}Ti, n), (^{50}Ti, 2n); systematics of excitation functions, σ. JOUR PRVCA 78 034604
	2008GA25	RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=258

^{258}Db 2008GA25 NUCLEAR REACTIONS ^{208}Pb(^{51}V, n), (^{51}V, 2n), E=4.7-5.1 MeV / nucleon; measured excitation function, σ. ^{209}Bi(^{50}Ti, n), (^{50}Ti, 2n); systematics of excitation functions, σ. JOUR PRVCA 78 034604

2008GA25 RADIOACTIVITY ^{257,258}Db, ^{253,254}Lr, ^{249,250}Md, ^{246}Cf, ^{250}Fm, ^{254}No, ^{245}Es(α); measured α-spectra, half-lives. JOUR PRVCA 78 034604

A=259

No references found

A=260

No references found

A=261

No references found

A=262

No references found

A=263

No references found

A=264

No references found

A=265

No references found

A=266

No references found

A=267

No references found

A=268

No references found

A=269

No references found

A=270

No references found

References

2007KA68 D.Kameda, H.Ueno, K.Asahi, D.Nagae, M.Takemura, K.Shimada, A.Yoshimi, T.Nagatomo, T.Sugimoto, M.Uchida, T.Arai, K.Takase, S.Suda, T.Inoue, J.Murata, H.Kawamura, H.Watanabe, Y.Kobayashi, M.Ishihara - Hyperfine Interactions 180, 61 (2007)
Electric quadrupole moments of neutron-rich nuclei ^{32}Al and ^{31}Al

2007MA94 K.Matsuta, M.Mihara, T.Nagatomo, R.Matsumiya, S.Momota, T.Ohtsubo, T.Izumikawa, H.Hirano, S.Takahashi, D.Nishimura, J.Komurasaki, A.Kitagawa, M.Kanazawa, M.Torikoshi, S.Sato, M.Fukuda, T.Minamisono, T.Sumikama, K.Tanaka, M.Takechi, D.Ishikawa, S.A.Pahlovy, M.Nagao, Y.Nojiri, J.R.Alonso, G.F.Krebs, T.J.M.Symons - Hyperfine Interactions 180, 65 (2007)
Hyperfine interaction of ^{25}Al in α-Al_2O_3 and its quadrupole moment

2007MI49 M.Mihara, K.Matsuta, S.Kumashiro, M.Fukuda, S.Kosakai, Y.Umemoto, M.Yoshikawa, R.Matsumiya, D.Nishimura, J.Komurasaki, D.Ishikawa, M.Ogura, H.Akai, T.Minamisono - Hyperfine Interactions 178, 73 (2007)
Temperature dependence of Knight shifts for ^{12}B in Pt

2007MI50 M.Mihara, K.Matsuta, D.Nishimura, T.Nagatomo, R.Matsumiya, S.Momota, T.Ohtsubo, T.Izumikawa, D.M.Zhou, Y.N.Zheng, M.Ogura, H.Akai, J.Komurasaki, M.Fukuda, D.Ishikawa, Y.Nojiri, H.Hirano, S.Takahashi, R.Watanabe, T.Kubo, S.Y.Zhu, A.Kitagawa, M.Kanazawa, S.Sato, M.Torikoshi, T.Sumikama, T.Minamisono, J.R.Alonso, G.F.Krebs, T.J.M.Symons - Hyperfine Interactions 178, 83 (2007)
Spin-lattice relaxation of ^{25}Al and ^{28}P in Pt

2007NA39 T.Nagatomo, K.Matsuta, K.Minamisono, T.Sumikama, M.Mihara, A.Ozawa, Y.Tagishi, M.Ogura, R.Matsumiya, M.Fukuda, M.Yamaguchi, T.Yasuno, H.Ohta, Y.Hashizume, H.Fujiwara, A.Chiba, T.Minamisono - Hyperfine Interactions 180, 75 (2007)
β-Ray angular distribution from purely nuclear spin aligned ^{20}F

2007NI14 D.Nishimura, J.Komurasaki, K.Matsuta, M.Mihara, R.Matsumiya, S.Momota, T.Ohtsubo, T.Izumikawa, H.Hirano, A.Kitagawa, M.Kanazawa, M.Torikoshi, S.Sato, M.Fukuda, D.Ishikawa, T.Minamisono, R.Watanabe, T.Kubo, Y.Nojiri, J.R.Alonso, G.F.Krebs, T.J.M.Symons - Hyperfine Interactions 180, 71 (2007)
Magnetic moment of short lived β-emitter ^{24m}Al

2007OH09 S.Ohya, T.Ohtsubo, T.Izumikawa, K.Nishimura, S.Muto, T.Shinozuka - Hyperfine Interactions 180, 55 (2007)
Hyperfine anomalies of Sc isotopes (A = 44, 44 m, 46 and 47) in iron

2007OH10 T.Ohtsubo, Y.Kawamura, S.Ohya, T.Izumikawa, K.Nishimura, S.Muto, T.Shinozuka - Hyperfine Interactions 180, 79 (2007)
Magnetic moment of ^{48}Sc

2007OH11 T.Ohtsubo, H.Hirano, S.Takahashi, K.Matsuta, M.Mihara, M.Fukuda, T.Nagatomo, T.Izumikawa, S.Momota, D.Nishimura, J.Komurasaki, D.Ishikawa, D.M.Zhou, Y.N.Zheng, S.Y.Zhu, A.Kitagawa, M.Kanazawa, M.Torikoshi, S.Sato, T.Minamisono, Y.Nojiri, R.Matsumiya, T.Sumikama, K.Tanaka, K.Yamada, A.Ozawa, T.Suzuki, T.Yamaguchi, S.Nakajima, K.Yoshida, Y.Nakashima, H.Fujiwara, S.Kumashiro, M.Ota, D.Shinojima, H.Tanaka, T.Yasuno, K.Muranaka, T.Maemura, A.Chiba, S.A.Pahlovy, M.Nagao, R.Watanabe, T.Kubo, I.Tanihata, M.Takechi, K.Minamisono, J.R.Alonso, G.F.Krebs, T.J.M.Symons - Hyperfine Interactions 180, 85 (2007)
Polarization of ^{23}Ne, ^{24m,25}Al and ^{28}P produced through single nucleon pickup and charge-exchange reactions at 100 A MeV

2007YU03 D.Yuan, Y.Zheng, D.Zhou, Y.Zuo, P.Fan, M.Liu, X.Wu, L.Zhu, G.Li, G.Xu, Q.Fan, X.Zhang, S.Zhu - Hyperfine Interactions 180, 49 (2007)
g-Factors of magnetic-rotational states in ^{85}Zr

2007ZH54 D.Zhou, Y.Zheng, K.Matsuta, M.Mihara, M.Fukuda, D.Nishimura, J.Komurasaki, D.Ishikawa, R.Matsumiya, T.Nagatomo, T.Izumikawa, S.Takahashi, H.Hirano, T.Ohtsubo, S.Momota, Y.Nojiri, A.Kitagawa, M.Kanazawa, M.Torikoshi, S.Sato, T.Minamisono, J.R.Alonso, G.F.Krebs, T.J.M.Symons, D.Yuan, Y.Zuo, P.Fan, T.Suzuki, X.Zhang, S.Zhu - Hyperfine Interactions 180, 37 (2007)
Magnetic moment of proton halo nucleus ^{28}P

2008AF04 S.N.Afanasev, A.F.Khodyachikh - Phys.Atomic Nuclei 71, 1827 (2008); Yad.Fiz. 71, 1859 (2008)
On the mechanism of formation of excited states of the ^{8}Be nucleus in the reaction ^{12}C(γ, 3α)

2008AK03 Yu.Aksyutina, H.T.Johansson, P.Adrich, F.Aksouh, T.Aumann, K.Boretzky, M.J.G.Borge, A.Chatillon, L.V.Chulkov, D.Cortina-Gil, U.Datta Pramanik, H.Emling, C.Forssen, H.O.U.Fynbo, H.Geissel, M.Hellstrom, G.Ickert, K.L.Jones, B.Jonson, A.Kliemkiewicz, J.V.Kratz, R.Kulessa, M.Lantz, T.LeBleis, A.O.Lindahl, K.Mahata, M.Matos, M.Meister, G.Munzenberg, T.Nilsson, G.Nyman, R.Palit, M.Pantea, S.Paschalis, W.Prokopowicz, R.Reifarth, A.Richter, K.Riisager, G.Schrieder, H.Simon, K.Summerer, O.Tengblad, W.Walus, H.Weick, M.V.Zhukov - Phys.Lett. B 666, 430 (2008)
Lithium isotopes beyond the drip line

2008AL31 I.Altarev, M.Daum, A.Frei, E.Gutsmiedl, G.Hampel, F.J.Hartmann, W.Heil, A.Knecht, J.V.Kratz, T.Lauer, M.Meier, S.Paul, U.Schmidt, Y.Sobolev, N.Wiehl, G.Zsigmond - Eur.Phys.J. A 37, 9 (2008)
Neutron velocity distribution from a superthermal solid $^{2}H_2$ ultracold neutron source

2008AN11 K.Andgren, U.Jakobsson, B.Cederwall, J.Uusitalo, T.Back, S.J.Freeman, P.T.Greenlees, B.Hadinia, A.Hugues, A.Johnson, P.M.Jones, D.T.Joss, S.Juutinen, R.Julin, S.Ketelhut, A.Khaplanov, M.Leino, M.Nyman, R.D.Page, P.Rahkila, M.Sandzelius, P.Sapple, J.Saren, C.Scholey, J.Simpson, J.Sorri, J.Thomson, R.Wyss - Phys.Rev. C 78, 044328 (2008)
γ-ray spectroscopy of ^{197}At

2008AR09 C.Arnaboldi, D.R.Artusa, F.T.Avignone III, M.Balata, I.Bandac, M.Barucci, J.W.Beeman, F.Bellini, C.Brofferio, C.Bucci, S.Capelli, L.Carbone, S.Cebrian, M.Clemenza, O.Cremonesi, R.J.Creswick, A.de Waard, S.Di Domizio, M.J.Dolinski, H.A.Farach, E.Fiorini, G.Frossati, A.Giachero, A.Giuliani, P.Gorla, E.Guardincerri, T.D.Gutierrez, E.E.Haller, R.H.Maruyama, R.J.McDonald, S.Nisi, C.Nones, E.B.Norman, A.Nucciotti, E.Olivieri, M.Pallavicini, E.Palmieri, E.Pasca, M.Pavan, M.Pedretti, G.Pessina, S.Pirro, E.Previtali, L.Risegari, C.Rosenfeld, S.Sangiorgio, M.Sisti, A.R.Smith, L.Torres, G.Ventura, M.Vignati - Phys.Rev. C 78, 035502 (2008)
Results from a search for the 0 $\nu\beta\beta$-decay of ^{130}Te

2008BA35 P.Banerjee, R.Chatterjee, R.Shyam - Phys.Rev. C 78, 035804 (2008)
Coulomb dissociation of ^{9}Li and the rate of the ^{8}Li(n, γ)^{9}Li reaction

2008BE31 W.Bertozzi, J.A.Caggiano, W.K.Hensley, M.S.Johnson, S.E.Korbly, R.J.Ledoux, D.P.McNabb, E.B.Norman, W.H.Park, G.A.Warren - Phys.Rev. C 78, 041601 (2008)
Nuclear resonance fluorescence excitations near 2 MeV in ^{235}U and ^{239}Pu

2008BI15 L.Bianco, R.D.Page, D.T.Joss, J.Simpson, B.Cederwall, M.B.Gomez Hornillos, P.T.Greenlees, B.Hadinia, U.Jakobsson, P.M.Jones, R.Julin, S.Ketelhut, M.Labiche, M.Leino, M.Nyman, E.S.Paul, M.Petri, P.Peura, A.Puurunen, P.Rahkila, P.Ruotsalainen, M.Sandzelius, P.J.Sapple, J.Saren, C.Scholey, J.Thomson, J.Uusitalo - Nucl.Instrum.Methods Phys.Res. A597, 189 (2008)
α-Decay branching ratios measured by γ-ray tagging

2008BL14 M.A.Blackston, M.A.Ahmed, B.A.Perdue, H.R.Weller, B.Bewer, R.E.Pywell, W.A.Wurtz, R.Igarashi, S.Kucuker, B.Norum, K.Wang, J.Li, S.F.Mikhailov, V.G.Popov, Y.K.Wu, B.D.Sawatzky - Phys.Rev. C 78, 034003 (2008)
First observation of the splittings of the E1 p-wave amplitudes in low energy deuteron photodisintegration and its implications for the Gerasimov-Drell-Hearn Sum Rule integrand

2008BL15 H.P.Blok, for the Jefferson Lab F$_{pi}$ Collaboration - Phys.Rev. C 78, 045202 (2008)
Charged pion form factor between Q^2 = 0.60 and 2.45 GeV^2. I.Measurements of the cross section for the ^{1}H(e, e'π^+)n reaction

2008BO29 R.Boutami, M.J.G.Borge, H.Mach, W.Kurcewicz, L.M.Fraile, K.Gulda, A.J.Aas, L.M.Garcia-Raffi, G.Lovhoiden, T.Martinez, B.Rubio, J.L.Tain, O.Tengblad - Nucl.Phys. A811, 244 (2008)
Nuclear structure of ^{231}Ac

2008BR18 N.Bree, I.Stefanescu, P.A.Butler, J.Cederkall, T.Davinson, P.Delahaye, J.Eberth, D.Fedorov, V.N.Fedosseev, L.M.Fraile, S.Franchoo, G.Georgiev, K.Gladnishki, M.Huyse, O.Ivanov, J.Iwanicki, J.Jolie, U.Koster, Th.Kroll, R.Krucken, B.A.Marsh, O.Niedermaier, P.Reiter, H.Scheit, D.Schwalm, T.Sieber, J.Van de Walle, P.Van Duppen, N.Warr, D.Weisshaar, F.Wenander, S.Zemlyanoy - Phys.Rev. C 78, 047301 (2008)
Coulomb excitation of $^{68}_{28}$Ni$_{40}$ at "safe" energies

2008BU19 N.Burtebaev, S.B.Igamov, R.J.Peterson, R.Yarmukhamedov, D.M.Zazulin - Phys.Rev. C 78, 035802 (2008)
New measurements of the astrophysical S factor for ^{12}C(p, γ)^{13}N reaction at low energies and the asymptotic normalization coefficient (nuclear vertex constant) for the p+^{12}C $\rightarrow$ ^{13}N reaction

2008BU21 M.A.Bussing, M.Elvers, J.Endres, J.Hasper, A.Zilges, M.Fritzsche, K.Lindenberg, S.Muller, D.Savran, K.Sonnabend - Phys.Rev. C 78, 044309 (2008)
Parity assignments in ^{140}Ce up to 7 MeV using Compton polarimetry

2008BY03 V.M.Bystritsky, V.V.Gerasimov, A.R.Krylov, S.S.Parzhitskii, G.N.Dudkin, V.L.Kaminskii, B.A.Nechaev, V.N.Padalko, A.V.Petrov, G.A.Mesyats, M.Filipowicz, J.Wozniak, Vit.M.Bystritskii - Nucl.Instrum.Methods Phys.Res. A595, 543 (2008)
Study of the pd reaction in the astrophysical energy region using the Hall accelerator

2008CA16 B.G.Carlsson, I.Ragnarsson, R.Bengtsson, E.O.Lieder, R.M.Lieder, A.A.Pasternak - Phys.Rev. C 78, 034316 (2008)
Triaxial shape with rotation around the longest principal axis in ^{142}Gd

2008CA17 O.Camargo, V.Guimaraes, R.Lichtenthaler, V.Scarduelli, J.J.Kolata, C.A.Bertulani, H.Amro, F.D.Becchetti, H.Jiang, E.F.Aguilera, D.Lizcano, E.Martinez-Quiroz, H.Garcia - Phys.Rev. C 78, 034605 (2008)
The ^{9}Be(^{8}Li, ^{9}Be)^{8}Li elastic-transfer reaction

2008CA20 I.Cata-Danil, D.Filipescu, M.Ivascu, D.Bucurescu, N.V.Zamfir, T.Glodariu, L.Stroe, G.Cata-Danil, D.G.Ghita, C.Mihai, G.Suliman, T.Sava - Phys.Rev. C 78, 035803 (2008)
Astrophysical S factor for α capture on ^{117}Sn

2008CA22 M.Caamano, D.Cortina-Gil, W.Mittig, H.Savajols, M.Chartier, C.E.Demonchy, B.Fernandez, M.B.Gomez Hornillos, A.Gillibert, B.Jurado, O.Kiselev, R.Lemmon, A.Obertelli, F.Rejmund, M.Rejmund, P.Roussel-Chomaz, R.Wolski - Phys.Rev. C 78, 044001 (2008)
Experimental study of resonance states in ^{7}H and ^{6}H

2008DA13 J.Dawson, D.Degering, M.Kohler, R.Ramaswamy, C.Reeve, J.R.Wilson, K.Zuber - Phys.Rev. C 78, 035503 (2008)
Search for double-β decays of tin isotopes with enhanced sensitivity

2008DA16 S.Das - Phys.Rev. C 78, 045210 (2008)
$\pi^0\gamma$ invariant mass distribution in the low-energy γp $\rightarrow$ ωp reaction

2008DE28 A.M.Demidov, L.I.Govor, V.A.Kurkin, I.V.Mikhailov - Phys.Atomic Nuclei 71, 1839 (2008); Yad.Fiz. 71, 1870 (2008)
Investigation of multipole mixtures in gamma transitions by means of the reaction ^{232}Th(n, n'γ)

2008DE29 D.H.Denby, P.A.DeYoung, T.Baumann, D.Bazin, E.Breitbach, J.Brown, N.Frank, A.Gade, C.C.Hall, J.Hinnefeld, C.R.Hoffman, R.Howes, R.A.Jenson, B.Luther, S.M.Mosby, C.W.Olson, W.A.Peters, A.Schiller, A.Spyrou, M.Thoennessen - Phys.Rev. C 78, 044303 (2008)
Ground state energy and width of ^{7}He from ^{8}Li proton knockout

2008DI14 A.Di Leva, M.De Cesare, D.Schurmann, N.De Cesare, A.D'Onofrio, L.Gialanella, R.Kunz, G.Imbriani, A.Ordine, V.Roca, D.Rogalla, C.Rolfs, M.Romano, E.Somorjai, F.Strieder, F.Terrasi - Nucl.Instrum.Methods Phys.Res. A595, 381 (2008)
Recoil separator ERNA: Measurement of ^{3}He(α, γ)^{7}Be

2008DI17 F.Ditroi, S.Takacs, F.Tarkanyi, M.Baba, E.Corniani, Yu.N.Shubin - Nucl.Instrum.Methods Phys.Res. B266, 5087 (2008)
Study of proton induced reactions on niobium targets up to 70 MeV

2008DO19 P.Doornenbal, P.Reiter, H.Grawe, H.J.Wollersheim, P.Bednarczyk, L.Caceres, J.Cederkall, A.Ekstrom, J.Gerl, M.Gorska, A.Jhingan, I.Kojouharov, R.Kumar, W.Prokopowicz, H.Schaffner, R.P.Singh - Phys.Rev. C 78, 031303 (2008)
Enhanced strength of the $2_1^+ \rightarrow 0_{g.s.}^+$ transition in ^{114}Sn studied via Coulomb excitation in inverse kinematics

2008DO22 N.V.Do, P.D.Khue, T.T.Kim, T.S.Le, Md.S.Rahman, K.-S.Kim, M.Lee, G.Kim, Y.Oh, H.-S.Lee, M.-H.Cho, I.S.Ko, W.Namkung - Nucl.Instrum.Methods Phys.Res. B266, 5080 (2008)
Isomeric yield ratios for the formation of ^{44m,g}Sc in the ^{45}Sc(γ, n), ^{nat}Ti(γ, xnp), ^{nat}Fe(γ, xn5p) and ^{nat}Cu(γ, xn8p) reactions with 2.5 GeV bremsstrahlung

2008DO23 H.Dohmann, C.Baumer, D.Frekers, E.-W.Grewe, M.N.Harakeh, S.Hollstein, H.Johansson, L.Popescu, S.Rakers, D.Savran, H.Simon, J.H.Thies, A.M.van den Berg, H.J.Wortche, A.Zilges - Phys.Rev. C 78, 041602 (2008)
The (d, ^{2}He) reaction on ^{96}Mo and the double-β decay matrix elements for ^{96}Zr

2008EN02 A.Enqvist, M.Flaska, S.Pozzi - Nucl.Instrum.Methods Phys.Res. A595, 426 (2008)
Measurement and simulation of neutron / gamma-ray cross-correlation functions from spontaneous fission

2008EV01 M.Evers, M.Dasgupta, D.J.Hinde, L.R.Gasques, M.L.Brown, R.Rafiei, R.G.Thomas - Phys.Rev. C 78, 034614 (2008)
Systematic study of the nuclear potential diffuseness through high precision back-angle quasi-elastic scattering

2008FI08 C.R.Fitzpatrick, V.Werner, R.F.Casten, E.Williams, H.Ai, C.W.Beausang, R.B.Cakirli, G.Gurdal, A.Heinz, E.A.McCutchan, D.A.Meyer, E.Novitski, J.Qian, R.Winkler - Phys.Rev. C 78, 034309 (2008)
Investigation into the B(E2) anomaly in ^{144}Nd using Coulomb excitation

2008FI10 C.Fitoussi, J.Duprat, V.Tatischeff, J.Kiener, F.Naulin, G.Raisbeck, M.Assuncao, C.Bourgeois, M.Chabot, A.Coc, C.Engrand, M.Gounelle, F.Hammache, A.Lefebvre, M.-G.Porquet, J.-A.Scarpaci, N.De Sereville, J.-P.Thibaud, F.Yiou - Phys.Rev. C 78, 044613 (2008)

Measurement of the ^{24}Mg(^{3}He, p)^{26}Al cross section: Implication for ^{26}Al production in the early solar system

2008FR09 M.Freer, N.I.Ashwood, N.Curtis, T.Munoz-Britton, C.Wheldon, V.A.Ziman, S.Brown, W.N.Catford, N.P.Patterson, J.S.Thomas, D.C.Weisser - J.Phys.(London) G35, 125108 (2008)
Excited states of ^{8}Be populated via the p(^{7}Li, ^{4}He)^{4}He and p(^{7}Li, ^{4}He*)^{4}He resonant reactions

2008GA24 L.Gaudefroy, O.Sorlin, F.Nowacki, D.Beaumel, Y.Blumenfeld, Z.Dombradi, S.Fortier, S.Franchoo, S.Grevy, F.Hammache, K.W.Kemper, K.L.Kratz, M.G.St.Laurent, S.M.Lukyanov, L.Nalpas, A.N.Ostrowski, Yu.-E.Penionzhkevich, E.C.Pollacco, P.Roussel, P.Roussel-Chomaz, D.Sohler, M.Stanoiu, E.Tryggestad - Phys.Rev. C 78, 034307 (2008)
Structure of the N = 27 isotones derived from the ^{44}Ar(d, p)^{45}Ar reaction

2008GA25 J.M.Gates, S.L.Nelson, K.E.Gregorich, I.Dragojevic, Ch.E.Dullmann, P.A.Ellison, C.M.Folden III, M.A.Garcia, L.Stavsetra, R.Sudowe, D.C.Hoffman, H.Nitsche - Phys.Rev. C 78, 034604 (2008)
Comparison of reactions for the production of ^{258,257}Db: ^{208}Pb(^{51}V, xn) and ^{209}Bi(^{50}Ti, xn)

2008GA26 S.Ganguly, P.Banerjee, I.Ray, R.Kshetri, R.Raut, S.Bhattacharya, M.Saha-Sarkar, A.Goswami, S.K.Basu - Phys.Rev. C 78, 037301 (2008)
Experimental study of the 2p-2h band in ^{111}Sn

2008GH04 D.G.Ghita, G.Cata-Danil, D.Bucurescu, I.Cata-Danil, M.Ivascu, C.Mihai, G.Suliman, L.Stroe, T.Sava, N.V.Zamfir - Int.J.Mod.Phys. E17, 1453 (2008)
^{124}Te and the e(5) critical point symmetry

2008GI06 M.G.Giammarchi, M.Laubenstein, J.P.Meulders, L.Miramonti, A.Formicola - Radiat.Meas. 43, 1390 (2008)
^{7}Be neutron production cross section on ^{12}C targets

2008GI07 D.S.Ginger, K.Kwiatkowski, G.Wang, W.-c.Hsi, S.Hudan, E.Cornell, R.T.de Souza, V.E.Viola, R.G.Korteling - Phys.Rev. C 78, 034601 (2008)
Exclusive studies of 130 - 270 MeV ^{3}He- and 200-MeV proton-induced reactions on ^{27}Al, ^{nat}Ag, and ^{197}Au

2008GI09 J.Gibelin, D.Beaumel, T.Motobayashi, Y.Blumenfeld, N.Aoi, H.Baba, Z.Elekes, S.Fortier, N.Frascaria, N.Fukuda, T.Gomi, K.Ishikawa, Y.Kondo, T.Kubo, V.Lima, T.Nakamura, A.Saito, Y.Satou, J.-A.Scarpaci, E.Takeshita, S.Takeuchi, T.Teranishi, Y.Togano, A.M.Vinodkumar, Y.Yanagisawa, K.Yoshida - Phys.Rev.Lett. 101, 212503 (2008)
Decay Pattern of Pygmy States Observed in Neutron-Rich ^{26}Ne

2008GO28 C.Goodin, N.J.Stone, A.V.Ramayya, A.V.Daniel, J.R.Stone, J.H.Hamilton, K.Li, J.K.Hwang, Y.X.Luo, J.O.Rasmussen, A.Gargano, A.Covello, G.M.Ter-Akopian - Phys.Rev. C 78, 044331 (2008)

g factors, spin-parity assignments, and multipole mixing ratios of excited states in N = 82 isotones ^{134}Te, ^{135}I

2008GR19 E.-W.Grewe, C.Baumer, H.Dohmann, D.Frekers, M.N.Harakeh, S.Hollstein, H.Johansson, L.Popescu, S.Rakers, D.Savran, H.Simon, J.H.Thies, A.M.van den Berg, H.J.Wortche, A.Zilges - Phys.Rev. C 78, 044301 (2008)
The (d, ^{2}He) reaction on ^{76}Se and the double-β-decay matrix elements for A = 76

2008HAZX T.Hashimoto, H.Ishiyama, Y.X.Watanabe, Y.Hirayama, N.Imai, H.Miyatake, S.C.Jeong, M.-H.Tanaka, N.Yoshikawa, T.Nomura, S.Mitsuoka, K.Nishio, T.K.Sato, S.Ichikawa, H.Ikezoe, A.Osa, M.Matsuda, S.K.Das, Y.Mizoi, T.Fukuda, A.Sato, T.Shimoda - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.313 (2008); AIP Conf. Proc. 1016 (2008)
Direct measurement of ^{8}Li+d reactions of astrophysical interest

2008HO10 M.E.Howard, R.G.T.Zegers, Sam M.Austin, D.Bazin, B.A.Brown, A.L.Cole, B.Davids, M.Famiano, Y.Fujita, A.Gade, D.Galaviz, G.W.Hitt, M.Matos, S.D.Reitzner, C.Samanta, L.J.Schradin, Y.Shimbara, E.E.Smith, C.Simenel - Phys.Rev. C 78, 047302 (2008)
Gamow-Teller strengths in ^{24}Na using the ^{24}Mg(t, ^{3}He) reaction at 115A MeV

2008JA07 M.Janek, V.P.Ladygin, L.S.Azhgirey, T.Uesaka, Yu.V.Gurchin, M.Hatano, K.Itoh, A.Yu.Isupov, J.-T.Karachuk, H.Kato, T.Kawabata, V.A.Krasnov, A.N.Khrenov, A.S.Kiselev, V.A.Kizka, J.Kliman, A.K.Kurilkin, P.K.Kurilkin, N.B.Ladygina, A.N.Livanov, Y.Maeda, A.I.Malakhov, V.Matousek, M.Morhach, J.Nishikawa, Yu.K.Pilipenko, T.Ohnishi, H.Okamura, S.M.Piyadin, S.G.Reznikov, T.Saito, S.Sakaguchi, H.Sakai, N.Sakamoto, S.Sakoda, Y.Sasamoto, Y.Satou, K.Sekiguchi, K.Suda, M.A.Shikhalev, A.Tamii, I.Turzo, N.Uchigashima, T.A.Vasiliev, K.Yako, L.S.Zolin - Phys.Atomic Nuclei 71, 1495 (2008)
Status of the investigation of the spin structure of d, ^{3}H, and ^{3}He at VBLHE using polarized and unpolarized deuteron beam

2008JA08 M.Jandel, T.A.Bredeweg, E.M.Bond, M.B.Chadwick, R.R.Clement, A.Couture, J.M.O'Donnell, R.C.Haight, T.Kawano, R.Reifarth, R.S.Rundberg, J.L.Ullmann, D.J.Vieira, J.B.Wilhelmy, J.M.Wouters, U.Agvaanluvsan, W.E.Parker, C.Y.Wu, J.A.Becker - Phys.Rev. C 78, 034609 (2008); Publishers Note Phys.Rev. C 78, 049904 (2008)
Neutron capture cross section of ^{241}Am

2008JA10 P.Janssens, L.Doria, P.Achenbach, C.Ayerbe Gayoso, D.Baumann, J.C.Bernauer, I.K.Bensafa, R.Bohm, D.Bosnar, E.Burtin, N.D'Hose, X.Defay, M.Ding, M.O.Distler, H.Fonvieille, J.Friedrich, J.M.Friedrich, G.Laveissiere, M.Makek, J.Marroncle, H.Merkel, U.Muller, L.Nungesser, B.Pasquini, J.Pochodzalla, O.Postavaru, M.Potokar, D.Ryckbosch, S.Sanchez Majos, B.S.Schlimme, M.Seimetz, S.Sirca, G.Tamas, R.Van de Vyver, L.Van Hoorebeke, A.Van Overloop, Th.Walcher, M.Weinriefer - Eur.Phys.J. A 37, 1 (2008)
A new measurement of the structure functions P_{LL} - P_{TT} / ϵ and P_{LT} in virtual Compton scattering at Q^2 = 0.33 (GeV / c)^2

2008JO07 F.Johnston-Theasby, A.V.Afanasjev, C.Andreoiu, R.A.E.Austin, M.P.Carpenter, D.Dashdorj, S.J.Freeman, P.E.Garrett, J.Greene, A.Gorgen, D.G.Jenkins, P.Joshi, A.O.Macchiavelli, F.Moore, G.Mukherjee, W.Reviol, D.Sarantites, D.Seweryniak, M.B.Smith, C.E.Svensson, J.J.Valiente-Dobon, R.Wadsworth, D.Ward - Phys.Rev. C 78, 034312 (2008)
Deformation of rotational structures in ^{73}Kr and ^{74}Rb: Probing the additivity principle at triaxial shapes

2008KA30 A.Kankainen, V.-V.Elomaa, L.Batist, S.Eliseev, T.Eronen, U.Hager, J.Hakala, A.Jokinen, I.D.Moore, Yu.N.Novikov, H.Penttila, A.Popov, S.Rahaman, S.Rinta-Antila, J.Rissanen, A.Saastamoinen, D.M.Seliverstov, T.Sonoda, G.Vorobjev, C.Weber, J.Aysto - Phys.Rev.Lett. 101, 142503 (2008)
Mass Measurements and Implications for the Energy of the High-Spin Isomer in ^{94}Ag

2008KA32 R.A.Kaye, C.S.Myers, J.Doring, S.L.Tabor, S.M.Gerbick, T.D.Baldwin, D.B.Campbell, C.Chandler, M.W.Cooper, M.A.Hallstrom, C.R.Hoffman, J.Pavan, L.A.Riley, M.Wiedeking - Phys.Rev. C 78, 037303 (2008)
Linear polarization measurements and negative-parity states in ^{80}Sr

2008KAZT B.P.Kay, J.P.Schiffer, S.J.Freeman, T.Adachi, J.A.Clark, C.M.Deibel, H.Fujita, Y.Fujita, P.Grabmayr, K.Hatanaka, D.Ishikawa, H.Matsubara, Y.Meada, H.Okamura, K.E.Rehm, Y.Sakemi, Y.Shimizu, H.Shimoda, K.Suda, Y.Tameshige, A.Tamii, C.Wrede - Priv.Comm. (2008)
Data for the Proton Transfer Reactions (d, ^{3}He), (pol d, ^{3}He) and (^{3}He, d) on targets of ^{74}Ge, ^{76}Ge, ^{76}Se, and ^{78}Se

2008KH10 J.Khuyagbaatar, S.Hofmann, F.P.Hessberger, D.Ackermann, H.G.Burkhard, S.Heinz, B.Kindler, I.Kojouharov, B.Lommel, R.Mann, J.Maurer, K.Nishio, Yu.Novikov - Eur.Phys.J. A 37, 177 (2008)
Spontaneous fission of neutron-deficient fermium isotopes and the new nucleus ^{241}Fm

2008KH11 M.U.Khandaker, K.Kim, M.W.Lee, K.S.Kim, G.N.Kim, Y.S.Cho, Y.O.Lee - Nucl.Instrum.Methods Phys.Res. B266, 4877 (2008)
Production cross-sections for the residual radionuclides from the ^{nat}Cd(p, x) nuclear processes

2008KH12 M.U.Khandaker, K.Kim, K.-S.Kim, M.Lee, G.Kim, Y.S.Cho, Y.O.Lee - Nucl.Instrum.Methods Phys.Res. B266, 5101 (2008)
Production cross-sections of residual radionuclides from proton-induced reactions on ^{nat}Ag up to 40 MeV

2008KI17 A.S.Kiselev, V.P.Ladygin, T.Uesaka, T.A.Vasiliev, M.Janek, T.Saito, M.Hatano, A.Yu.Isupov, H.Kato, N.B.Ladygina, Y.Maeda, A.I.Malakhov, J.Nishikawa, T.Ohnishi, H.Okamura, S.G.Reznikov, H.Sakai, N.Sakamoto, S.Sakoda, Y.Satou, K.Sekiguchi, K.Suda, A.Tamii, N.Uchigashima, K.Yako - Eur.Phys.J. Special Topics 162, 143 (2008)
Analyzing powers in the ^{12}C(d(pol), p)^{13}C reaction at the energy T_d = 270 MeV

2008KI18 M.F.Kidd, J.H.Esterline, W.Tornow - Phys.Rev. C 78, 035504 (2008)
Double-electron capture on ^{112}Sn to the excited 1871 keV state in ^{112}Cd: A possible alternative to double-β decay

2008KOZW K.Kondo, I.Murata, K.Ochiai, H.Miyamaru, N.Kubota, C.Konno, T.Nishitani - JAEA-Conf 2008-006, p.46 (2008)
Measurement of Charged-particle Emission DDX for Carbon with 14-MeV Incident Neutrons

2008KU13 A.K.Kurilkin, T.Saito, V.P.Ladygin, T.Uesaka, T.A.Vasiliev, M.Janek, M.Hatano, A.Yu.Isupov, H.Kato, N.B.Ladygina, Y.Maeda, A.I.Malakhov, J.Nishikawa, T.Ohnishi, H.Okamura, S.G.Reznikov, H.Sakai, N.Sakamoto, S.Sakoda, Y.Satou, K.Sekiguchi, K.Suda, A.Tamii, N.Uchigashima, K.Yako - Eur.Phys.J. Special Topics 162, 133 (2008)
Measurement of the vector A_y and tensor A_{yy}, A_{xx}, A_{xz} analyzing powers for the dd $\rightarrow$ ^{3}H p reaction at 200 MeV

2008KU14 P.K.Kurilkin, K.Suda, T.Uesaka, V.P.Ladygin, Yu.V.Gurchin, A.Yu.Isupov, K.Itoh, M.Janek, J.-T.Karachuk, T.Kawabata, A.N.Khrenov, A.S.Kiselev, V.A.Kizka, J.Kliman, V.A.Krasnov, N.B.Ladygina, A.N.Livanov, Y.Maeda, A.I.Malakhov, V.Matoucek, M.Morhac, S.G.Reznikov, S.Sakaguchi, H.Sakai, Y.Sasamoto, K.Sekiguchi, M.A.Shikhalev, I.Turzo, T.A.Vasiliev, H.Witala - Eur.Phys.J. Special Topics 162, 137 (2008)
Measurement of the vector and tensor analyzing powers in dp elastic scattering at the energy of 880 MeV

2008KU16 H.Kumawat, V.Jha, B.J.Roy, V.V.Parkar, S.Santra, V.Kumar, D.Dutta, P.Shukla, L.M.Pant, A.K.Mohanty, R.K.Choudhury, S.Kailas - Phys.Rev. C 78, 044617 (2008)
Breakup threshold anomaly in the elastic scattering for the ^{6}Li + ^{90}Zr system

2008LA12 C.Lan, X.Xu, K.Fang, G.Liu, X.Kong, R.Liu, L.Jiang - Ann.Nucl.Energy 35, 2105 (2008)
Measurement of cross sections for (n, 2n), (n, p) and (n, α) reactions on germanium isotopes induced by 14 MeV neutrons

2008LA13 M.La Cognata, C.Spitaleri, A.M.Mukhamedzhanov, B.Irgaziev, R.E.Tribble, A.Banu, S.Cherubini, A.Coc, V.Crucilla, V.Z.Goldberg, M.Gulino, G.G.Kiss, L.Lamia, J.Mrazek, R.G.Pizzone, S.M.R.Puglia, G.G.Rapisarda, S.Romano, M.L.Sergi, G.Tabacaru, L.Trache, W.Trzaska, A.Tumino - Phys.Rev.Lett. 101, 152501 (2008)
Measurement of the 20 and 90 keV Resonances in the ^{18}O(p, α)^{15}N Reaction via the Trojan Horse Method

2008LE21 S.Leoni, G.Benzoni, N.Blasi, A.Bracco, S.Brambilla, F.Camera, A.Corsi, F.C.L.Crespi, P.Mason, B.Million, D.Montanari, M.Pignanelli, E.Vigezzi, O.Wieland, M.Matsuo, Y.R.Shimizu, D.Curien, G.Duchene, J.Robin, P.Bednarczyk, M.Castoldi, B.Herskind, M.Kmiecik, A.Maj, W.Meczynski, J.Styczen, M.Zieblinski, K.Zuber, A.Zucchiatti - Phys.Rev.Lett. 101, 142502 (2008)

Probing the Order-to-Chaos Region in Superdeformed ^{151}Tb and ^{196}Pb Nuclei with Continuum γ Transitions

2008LI45 K.Li, J.H.Hamilton, A.V.Ramayya, S.J.Zhu, Y.X.Luo, J.K.Hwang, C.Goodin, J.O.Rasmussen, G.M.Ter-Akopian, A.V.Daniel, I.Y.Lee, S.C.Wu, R.Donangelo, J.D.Cole, W.C.Ma, M.A.Stoyer - Phys.Rev. C 78, 044317 (2008)
Identification of new collective bands in neutron-rich ^{102}Zr

2008LU10 J.Luo, F.Tuo, X.Kong, R.Liu, L.Jiang - Appl.Radiat.Isot. 66, 1920 (2008)
Measurements of activation cross-sections for the ^{96}Ru(n, d*)^{95g}Tc reaction for neutrons with energies between 13.3 and 15.0 MeV

2008MA39 I.Matea, J.Souin, J.Aysto, B.Blank, P.Delahaye, V.-V.Elomaa, T.Eronen, J.Giovinazzo, U.Hager, J.Hakala, J.Huikari, A.Jokinen, A.Kankainen, I.D.Moore, J.-L.Pedroza, S.Rahaman, J.Rissanen, J.Ronkainen, A.Saastamoinen, T.Sonoda, C.Weber - Eur.Phys.J. A 37, 151 (2008)
Precise half-life measurement of the ^{26}Si ground state

2008MAZR H.Makii, Y.Nagai, K.Mishima, M.Segawa, T.Shima, H.Ueda, M.Igashira - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.215 (2008); AIP Conf. Proc. 1016 (2008)
E1 and E2 cross sections of the ^{12}C(α, γ)^{16}O reaction at E$_{cm}$ $\sim$ 1.4 Mev using pulsed α beams

2008MAZS A.Makinaga, H.Utsunomiya, T.Kaihori, T.Yamagata, H.Akimune, S.Goriely, H.Toyokawa, T.Matsumoto, H.Harano, H.Harada, S.Goko, F.Kitatani, K.Y.Hara, S.Hohara, Y.-W.Lui - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.134 (2008); AIP Conf. Proc. 1016 (2008)
^{80}Se(γ, n)^{79}Se cross section and s-process branching at ^{79}Se

2008ME11 K.Mercurio, R.J.Charity, R.Shane, L.G.Sobotka, J.M.Elson, M.Famiano, A.H.Wuosmaa, A.Banu, C.Fu, L.Trache, R.E.Tribble, A.M.Mukhamedzhanov - Phys.Rev. C 78, 031602 (2008)
Correlated two-proton decay from ^{10}C

2008MO16 C.-B.Moon, C.S.Lee, M.Oshima, Y.Toh, J.Goto, Y.Hatsukawa, A.Kimura, M.Koizumi, A.Osa, T.Komatsubara, K.Miyakawa - J.Korean Phys.Soc. 53, 1844 (2008)
Multi-Quasiparticle States in Odd-Odd ^{118}I

2008MU16 I.Murata, S.Takagi, K.Kondo, K.Shiken, H.Miyamaru, M.Mitsuda, F.Maekawa, K.Ochiai, T.Nishitani - Nucl.Instrum.Methods Phys.Res. A595, 439 (2008)
Angle-correlated spectrum measurement for two neutrons emitted from (n, 2n) reaction with the coincidence detection technique using a pencil-beam DT neutron source

2008MU18 S.Mukhopadhyay, D.Almehed, U.Garg, S.Frauendorf, T.Li, P.V.Madhusudhana Rao, X.Wang, S.S.Ghugre, M.P.Carpenter, S.Gros, A.Hecht, R.V.F.Janssens, F.G.Kondev, T.Lauritsen, D.Seweryniak, S.Zhu - Phys.Rev. C 78, 034311 (2008)
Electromagnetic transition rates in high-spin bands in ^{136}Nd

2008MU19 S.Mukhopadhyay, M.Scheck, B.Crider, S.N.Choudry, E.Elhami, E.Peters, M.T.McEllistrem, J.N.Orce, S.W.Yates - Phys.Rev. C 78, 034317 (2008)
Multiphonon states in $^{136}_{56}Ba_{80}$

2008NA22 D.Nayak, S.Lahiri - Appl.Radiat.Isot. 66, 1793 (2008)
Production of ^{93m}Mo through ^{nat}Y(^{7}Li, 3n) reaction and subsequent studies on separation and extraction behaviour of no-carrier-added ^{93m}Mo from an yttrium target

2008NAZZ D.Nagae, H.Ueno, D.Kameda, M.Takemura, K.Asahi, K.Takase, A.Yoshimi, T.Sugimoto, K.Shimada, T.Nagatomo, M.Uchida, T.Arai, T.Inoue, S.Kagami, N.Hatakeyama, H.Kawamura, K.Narita, J.Murata - arXiv:0810.2879v1 [nucl-ex] (2008)
Ground-state electric quadrupole moment of ^{31}Al

2008NE11 R.Neugart, D.L.Balabanski, K.Blaum, D.Borremans, P.Himpe, M.Kowalska, P.Lievens, S.Mallion, G.Neyens, N.Vermeulen, D.T.Yordanov - Phys.Rev.Lett. 101, 132502 (2008)
Precision Measurement of ^{11}Li Moments: Influence of Halo Neutrons on the ^{9}Li Core

2008NI10 M.Niiyama, H.Fujimura, D.S.Ahn, J.K.Ahn, S.Ajimura, H.C.Bhang, T.H.Chang, W.C.Chang, J.Y.Chen, S.Date, S.Fukui, H.Funahashi, K.Hicks, K.Horie, T.Hotta, K.Imai, T.Ishikawa, Y.Kato, K.Kino, H.Kohri, S.Makino, T.Matsumura, T.Mibe, K.Miwa, M.Miyabe, N.Muramatsu, M.Nakamura, T.Nakano, Y.Nakatsugawa, Y.Ohashi, D.S.Oshuev, J.D.Parker, N.Saito, T.Sawada, Y.Sugaya, M.Sumihama, J.L.Tang, M.Uchida, C.W.Wang, T.Yorita, M.Yosoi - Phys.Rev. C 78, 035202 (2008)
Photoproduction of $\Lambda(1405)$ and $\Sigma^0(1385)$ on the proton at Eγ=1.5-2.4 GeV

2008OK01 K.Okada, M.Wada, T.Nakamura, A.Takamine, V.Lioubimov, P.Schury, Y.Ishida, T.Sonoda, M.Ogawa, Y.Yamazaki, Y.Kanai, T.M.Kojima, A.Yoshida, T.Kubo, I.Katayama, S.Ohtani, H.Wollnik, H.A.Schuessler - Phys.Rev.Lett. 101, 212502 (2008)
Precision Measurement of the Hyperfine Structure of Laser-Cooled Radioactive $^{7}Be^{+}$ Ions Produced by Projectile Fragmentation

2008OT05 S.Ota, S.Shimoura, H.Iwasaki, M.Kurokawa, S.Michimasa, N.Aoi, H.Baba, K.Demichi, Z.Elekes, T.Fukuchi, T.Gomi, S.Kanno, S.Kubono, K.Kurita, H.Hasegawa, E.Ideguchi, N.Iwasa, Y.U.Matsuyama, K.L.Yurkewicz, T.Minemura, T.Motobayashi, T.Murakami, M.Notani, A.Odahara, A.Saito, H.Sakurai, E.Takeshita, S.Takeuchi, M.Tamaki, T.Teranishi, Y.Yanagisawa, K.Yamada, M.Ishihara - Phys.Lett. B 666, 311 (2008)
Low-lying proton intruder state in ^{13}B

2008PA33 D.Pauwels, O.Ivanov, N.Bree, J.Buscher, T.E.Cocolios, J.Gentens, M.Huyse, A.Korgul, Yu.Kudryavtsev, R.Raabe, M.Sawicka, I.Stefanescu, J.Van de Walle, P.Van den Bergh, P.Van Duppen, W.B.Walters - Phys.Rev. C 78, 041307 (2008)
Shape isomerism at N = 40: Discovery of a proton intruder state in ^{67}Co

2008RA21 A.K.M.L.Rahman, S.Kuwabara, K.Kato, H.Arima, N.Shigyo, K.Ishibashi, J.Hori, K.Nakajima, T.Goto, M.Uematsu - Nucl.Sci.Eng. 160, 363 (2008)
Measurement of the Photonuclear (γ, n) Reaction Cross Section for ^{129}I Using Bremsstrahlung Photons

2008RA23 R.Raabe, A.Andreyev, M.J.G.Borge, L.Buchmann, P.Capel, H.O.U.Fynbo, M.Huyse, R.Kanungo, T.Kirchner, C.Mattoon, A.C.Morton, I.Mukha, J.Pearson, J.Ponsaers, J.J.Ressler, K.Riisager, C.Ruiz, G.Ruprecht, F.Sarazin, O.Tengblad, P.Van Duppen, P.Walden - Phys.Rev.Lett. 101, 212501 (2008)
β-Delayed Deuteron Emission from ^{11}Li: Decay of the Halo

2008RE11 R.A.Rebeles, A.Hermanne, P.Van den Winkel, F.Tarkanyi, S.Takacs, L.Daraban - Nucl.Instrum.Methods Phys.Res. B266, 4731 (2008)
Alpha induced reactions on ^{114}Cd and ^{116}Cd: An experimental study of excitation functions

2008RI05 S.V.Rigby, D.M.Cullen, P.J.R.Mason, D.T.Scholes, C.Scholey, P.Rahkila, S.Eeckhaudt, T.Grahn, P.Greenlees, P.M.Jones, R.Julin, S.Juutinen, H.Kettunen, M.Leino, A.-P.Leppanen, P.Nieminen, M.Nyman, J.Pakarinen, J.Uusitalo - Phys.Rev. C 78, 034304 (2008)
Decay of a $\pi h_{11/2}$ (X) $\nu h_{11/2}$ microsecond isomer in $^{136}_{61}Pm_{75}$

2008RO21 A.P.Robinson, T.L.Khoo, I.Ahmad, S.K.Tandel, F.G.Kondev, T.Nakatsukasa, D.Seweryniak, M.Asai, B.B.Back, M.P.Carpenter, P.Chowdhury, C.N.Davids, S.Eeckhaudt, J.P.Greene, P.T.Greenlees, S.Gros, A.Heinz, R.-D.Herzberg, R.V.F.Janssens, G.D.Jones, T.Lauritsen, C.J.Lister, D.Peterson, J.Qian, U.S.Tandel, X.Wang, S.Zhu - Phys.Rev. C 78, 034308 (2008)
$K^\pi = 8^-$ isomers and $K^\pi = 2^-$ octupole vibrations in N = 150 shell-stabilized isotones

2008RO23 J.Robin, A.Odahara, G.Duchene, F.A.Beck, P.Twin, Th.Byrski, D.Curien, N.Adimi, D.E.Appelbe, P.Bednarczyk, A.Bracco, B.Cederwall, S.Courtin, D.M.Cullen, O.Dorvaux, S.Ertuck, G.De France, B.Gall, P.Joshi, S.L.King, A.Korichi, K.Lagergren, G.Lo Bianco, S.Leoni, A.Lopez-Martens, S.Lunardi, B.Million, A.Nourredine, E.Pachoud, E.S.Paul, C.Petrache, I.Piqueras, N.Redon, A.Saltarelli, J.Simpson, O.Stezowski, R.Venturelli, J.P.Vivien, K.Zuber - Phys.Rev. C 78, 034319 (2008)
Discrete decay of the yrast superdeformed band in the ^{151}Tb nucleus

2008SA35 T.R.Saito, N.Saito, K.Starosta, J.Beller, N.Pietralla, H.J.Wollersheim, D.L.Balabanski, A.Banu, R.A.Bark, T.Beck, F.Becker, P.Bednarczyk, K.-H.Behr, G.Benzoni, P.G.Bizzeti, C.Boiano, A.Bracco, S.Brambilla, A.Brunle, A.Burger, L.Caceres, F.Camera, F.C.L.Crespi, P.Doornenbal, A.B.Garnsworthy, H.Geissel, J.Gerl, M.Gorska, J.Grebosz, G.Hagemann, J.Jolie, M.Kavatsyuk, O.Kavatsyuk, T.Koike, I.Kojouharov, N.Kurz, J.Leske, G.Lo Bianco, A.Maj, S.Mallion, S.Mandal, M.Maliage, T.Otsuka, C.M.Petrache, Zs.Podolyak, W.Prokopowicz, G.Rainovski, P.Reiter, A.Richard, H.Schaffner, S.Schielke, G.Sletten, N.J.Thompson, D.Tonev, J.Walker, N.Warr, O.Wieland, Q.Zhong - Phys.Lett. B 669, 19 (2008)
Yrast and non-yrast 2^+ states of ^{134}Ce and ^{136}Nd populated in relativistic Coulomb excitation

2008SA36 I.Sankowska, Ch.Droste, E.Grodner, T.Morek, J.Srebrny, A.A.Pasternak, J.Kownacki, P.Napiorkowski, S.G.Rohozinski, M.Kowalczyk, M.Kisielinski, R.Kaczarowski, E.Ruchowska - Eur.Phys.J. A 37, 169 (2008)
E2 transition probabilities in the decoupled band of the ^{129}La nucleus

2008SC17 M.Scheck, S.N.Choudry, E.Elhami, M.T.McEllistrem, S.Mukhopadhyay, J.N.Orce, S.W.Yates - Phys.Rev. C 78, 034302 (2008)
Pauli blocking in the low-lying, low-spin states of ^{141}Pr

2008SC18 M.A.Schumaker, D.Cline, G.Hackman, A.C.Morton, C.J.Pearson, C.E.Svensson, C.Y.Wu, A.Andreyev, R.A.E.Austin, G.C.Ball, D.Bandyopadhyay, J.A.Becker, A.J.Boston, H.C.Boston, L.Buchmann, R.Churchman, F.Cifarelli, R.J.Cooper, D.S.Cross, D.Dashdorj, G.A.Demand, M.R.Dimmock, T.E.Drake, P.Finlay, A.T.Gallant, P.E.Garrett, K.L.Green, A.N.Grint, G.F.Grinyer, L.J.Harkness, A.B.Hayes, R.Kanungo, K.G.Leach, G.Lee, R.Maharaj, J.-P.Martin, F.Moisan, S.Mythili, L.Nelson, O.Newman, P.J.Nolan, J.N.Orce, E.Padilla-Rodal, A.A.Phillips, M.Porter-Peden, J.J.Ressler, R.Roy, C.Ruiz, F.Sarazin, D.P.Scraggs, J.C.Waddington, J.M.Wan, A.Whitbeck, S.J.Williams, J.Wong - Phys.Rev. C 78, 044321 (2008)
Coulomb excitation of radioactive ^{21}Na and its stable mirror ^{21}Ne

2008SE08 A.P.Serebrov, V.E.Varlamov, A.G.Kharitonov, A.K.Fomin, Yu.N.Pokotilovski, P.Geltenbort, I.A.Krasnoschekova, M.S.Lasakov, R.R.Taldaev, A.V.Vassiljev, O.M.Zherebtsov - Phys.Rev. C 78, 035505 (2008)
Neutron lifetime measurements using gravitationally trapped ultracold neutrons

2008SEZY M.L.Sergi, C.Spitaleri, A.Coc, R.G.Pizzone, M.Gulino, V.Burjan, S.Cherubini, V.Crucilla, F.Hammache, Z.Hons, G.Kiss, V.Kroha, M.La Cognata, L.Lamia, S.M.R.Puglia, G.G.Rapisarda, S.Romano, N.de Sereville, E.Somorjai, S.Tudisco, A.Tumino - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.433 (2008); AIP Conf. Proc. 1016 (2008)
Study of ^{17}O(p, α)^{14}N reaction via the Trojan Horse Method for application to ^{17}O nucleosynthesis

2008SI26 S.Sihotra, R.Palit, Z.Naik, K.Singh, P.K.Joshi, A.Y.Deo, J.Goswamy, S.S.Malik, D.Mehta, C.R.Praharaj, H.C.Jain, N.Singh - Phys.Rev. C 78, 034313 (2008)

Multiple band structures of ^{131}Cs

2008SK06 B.B.Skorodumov, G.V.Rogachev, A.Aprahamian, V.Z.Goldberg, J.J.Kolata, S.Almaraz, H.Amro, E.D.Johnson, L.O.Lamm, M.Quinn, A.Teymurazyan, A.Woehr - Phys.Rev. C 78, 044603 (2008)
T = 3 / 2 states in ^{13}C

2008SM03 M.Smith, M.Brodeur, T.Brunner, S.Ettenauer, A.Lapierre, R.Ringle, V.L.Ryjkov, F.Ames, P.Bricault, G.W.F.Drake, P.Delheij, D.Lunney, F.Sarazin, J.Dilling - Phys.Rev.Lett. 101, 202501 (2008)
First Penning-Trap Mass Measurement of the Exotic Halo Nucleus ^{11}Li

2008ST17 F.S.Stephens, M.A.Deleplanque, I.Y.Lee, A.O.Macchiavelli, P.Fallon, R.M.Diamond, D.Ward, R.M.Clark, M.Cromaz - Phys.Rev. C 78, 034303 (2008)
Damping, motional narrowing, and chaos in rotational nuclei

2008ST18 M.Stanoiu, D.Sohler, O.Sorlin, F.Azaiez, Zs.Dombradi, B.A.Brown, M.Belleguic, C.Borcea, C.Bourgeois, Z.Dlouhy, Z.Elekes, Zs.Fulop, S.Grevy, D.Guillemaud-Mueller, F.Ibrahim, A.Kerek, A.Krasznahorkay, M.Lewitowicz, S.M.Lukyanov, S.Mandal, J.Mrazek, F.Negoita, Yu.-E.Penionzhkevich, Zs.Podolyak, P.Roussel-Chomaz, M.G.Saint-Laurent, H.Savajols, G.Sletten, J.Timar, C.Timis, A.Yamamoto - Phys.Rev. C 78, 034315 (2008)
Disappearance of the N = 14 shell gap in the carbon isotopic chain

2008SU18 T.Suzuki, G.Rainovski, T.Koike, T.Ahn, M.P.Carpenter, A.Costin, M.Danchev, A.Dewald, R.V.F.Janssens, P.Joshi, C.J.Lister, O.Moller, N.Pietralla, T.Shinozuka, J.Timar, R.Wadsworth, C.Vaman, S.Zhu - Phys.Rev. C 78, 031302 (2008)
Lifetime measurement of candidate chiral doublet bands in the ^{103,104}Rh isotopes with the recoil-distance Doppler-shift method in inverse kinematics

2008TA27 F.Tarkanyi, S.Takacs, A.Hermanne, F.Ditroi, B.Kiraly, M.Baba, T.Ohtsuki, S.F.Kovalev, A.V.Ignatyuk - Nucl.Instrum.Methods Phys.Res. B266, 4872 (2008)
Study of activation cross sections of proton induced reactions on erbium for practical applications

2008TA28 U.S.Tandel, S.K.Tandel, P.Chowdhury, D.Cline, C.Y.Wu, M.P.Carpenter, R.V.F.Janssens, T.L.Khoo, T.Lauritsen, C.J.Lister, D.Seweryniak, S.Zhu - Phys.Rev.Lett. 101, 182503 (2008)
Collective Oblate Rotation at High Spins in Neutron-Rich ^{180}Hf

2008TA29 G.Tagliente, for the n_TOF Collaboration - Phys.Rev. C 78, 045804 (2008)
Experimental study of the ^{91}Zr(n, γ) reaction up to 26 keV

2008TAZY V.H.Tan, T.T.Anh, N.C.Hai, P.N.Son, T.Fukahori - JAEA-Conf 2008-006, p.40 (2008)
Measurement of Neutron Capture Cross Sections of ^{139}La, ^{152}Sm and ^{191,193}Ir at 55 and 144keV

2008TI05 Yu.E.Titarenko, V.F.Batyaev, A.Yu.Titarenko, M.A.Butko, K.V.Pavlov, S.N.Florya, R.S.Tikhonov, S.G.Mashnik, A.V.Ignatyuk, N.N.Titarenko, W.Gudowski, M.Tesinsky, C.-M.L.Persson, H.Ait Abderrahim, H.Kumawat, H.Duarte - Phys.Rev. C 78, 034615 (2008)
Cross sections for nuclide production in a ^{56}Fe target irradiated by 300, 500, 750, 1000, 1500, and 2600 MeV protons compared with data on a hydrogen target irradiated by 300, 500, 750, 1000, and 1500 MeV / nucleon ^{56}Fe ions

2008TOZZ Y.Togano, T.Gomi, T.Motobayashi, Y.Ando, N.Aoi, H.Baba, K.Demichi, Z.Elekes, N.Fukuda, Zs.Fulop, U.Futakami, H.Hasegawa, Y.Higurashi, K.Ieki, N.Imai, M.Ishihara, K.Ishikawa, N.Iwasa, H.Iwasaki, S.Kanno, Y.Kondo, T.Kubo, S.Kubono, M.Kunibu, K.Kurita, Y.U.Matsuyama, S.Michimasa, T.Minemura, M.Miura, H.Murakami, T.Nakamura, M.Notani, S.Ota, A.Saito, H.Sakurai, M.Serata, S.Shimoura, T.Sugimoto, E.Takeshita, S.Takeuchi, K.Ue, K.Yamada, Y.Yanagisawa, K.Yoneda, A.Yoshida - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.193 (2008); AIP Conf. Proc. 1016 (2008)
Investigation of Stellar ^{26}Si(p, γ)^{27}P Reaction via Coulomb Dissociation

2008TR07 V.Tripathi, S.L.Tabor, P.F.Mantica, Y.Utsuno, P.Bender, J.Cook, C.R.Hoffman, S.Lee, T.Otsuka, J.Pereira, M.Perry, K.Pepper, J.S.Pinter, J.Stoker, A.Volya, D.Weisshaar - Phys.Rev.Lett. 101, 142504 (2008)
Intruder Configurations in the A=33 Isobars: ^{33}Mg and ^{33}Al

2008UD06 M.S.Uddin, M.H.Chowdhury, S.M.Hossain, Sk.A.Latif, M.A.Islam, M.A.Hafiz, S.H.Mubin, A.K.M.Zakaria, S.M.Yunus, S.M.Azharul Islam - Nucl.Instrum.Methods Phys.Res. B266, 4855 (2008)
Thermal neutron capture cross sections for the ^{152}Sm(n, γ)^{153}Sm and ^{154}Sm(n, γ)^{155}Sm reactions at 0.0536 eV energy

2008VE06 P.A.Vetter, R.M.Clark, J.Dvorak, S.J.Freedman, K.E.Gregorich, H.B.Jeppesen, D.Mittelberger, M.Wiedeking - Phys.Lett. B 670, 196 (2008)
Search for oscillation of the electron-capture decay probability of ^{142}Pm

2008VO12 W.von Oertzen, V.Zherebchevsky, B.Gebauer, Ch.Schulz, S.Thummerer, D.Kamanin, G.Royer, Th.Wilpert - Phys.Rev. C 78, 044615 (2008)
Fission decay of N = Z nuclei at high angular momentum: ^{60}Zn

2008WE07 V.Werner, N.Benczer-Koller, G.Kumbartzki, J.D.Holt, P.Boutachkov, E.Stefanova, M.Perry, N.Pietralla, H.Ai, K.Aleksandrova, G.Anderson, R.B.Cakirli, R.J.Casperson, R.F.Casten, M.Chamberlain, C.Copos, B.Darakchieva, S.Eckel, M.Evtimova, C.R.Fitzpatrick, A.B.Garnsworthy, G.Gurdal, A.Heinz, D.Kovacheva, C.Lambie-Hanson, X.Liang, P.Manchev, E.A.McCutchan, D.A.Meyer, J.Qian, A.Schmidt, N.J.Thompson, E.Williams, R.Winkler - Phys.Rev. C 78, 031301 (2008)
Evidence for the microscopic formation of mixed-symmetry states from magnetic moment measurements

2008WE08 Q.-G.Wen, C.-B.Li, S.-H.Zhou, Q.-Y.Meng, J.Zhou, X.-M.Li, S.-Y.Hu, Y.-Y.Fu, C.Spitaleri, A.Tumino, R.G.Pizzone, G.G.Rapisarda - Phys.Rev. C 78, 035805 (2008)
Trojan horse method applied to ^{9}Be(p, α)^{6}Li at astrophysical energies

2008WI09 M.Wiedeking, E.Rodriguez-Vieitez, P.Fallon, M.P.Carpenter, R.M.Clark, D.Cline, M.Cromaz, M.Descovich, R.V.F.Janssens, I.-Y.Lee, M.-A.Deleplanque, A.O.Macchiavelli, F.S.Stephens, R.Teng, X.Wang, D.Ward, C.Y.Wu, S.Zhu, T.Otsuka, Y.Utsuno, A.Volya - Phys.Rev. C 78, 037302 (2008)
Intruder excitations in ^{35}P

2008WRZZ C.Wrede, J.A.Caggiano, J.A.Clark, C.M.Deibel, A.Parikh, P.D.Parker - Priv.Comm. (2008)
Measurement of ^{31}S energy levels and reevaluation of the thermonuclear ^{30}P(p, γ)^{31}S reaction rate

2008WU05 A.H.Wuosmaa, J.P.Schiffer, K.E.Rehm, J.P.Greene, D.J.Henderson, R.V.F.Janssens, C.L.Jiang, L.Jisonna, J.C.Lighthall, S.T.Marley, E.F.Moore, R.C.Pardo, N.Patel, M.Paul, D.Peterson, S.C.Pieper, G.Savard, R.E.Segel, R.H.Siemssen, X.D.Tang, R.B.Wiringa - Phys.Rev. C 78, 041302 (2008)
Structure of ^{7}He by proton removal from ^{8}Li with the (d, ^{3}He) reaction

2008XU05 Q.Xu, S.J.Zhu, X.L.Che, J.G.Wang, H.B.Ding, L.Gu, L.H.Zhu, X.G.Wu, Y.Liu, C.Y.He, G.S.Li - Phys.Rev. C 78, 034310 (2008)
High-spin states and collective oblate bands in ^{139}Nd

2008YA20 R.B.Yadav, W.C.Ma, G.B.Hagemann, R.Bengtsson, H.Ryde, H.Amro, A.Bracco, M.P.Carpenter, J.Domscheit, S.Frattini, D.J.Hartley, B.Herskind, H.Hubel, R.V.F.Janssens, T.L.Khoo, F.G.Kondev, T.Lauritsen, C.J.Lister, B.Million, S.Odegard, L.L.Riedinger, K.A.Schmidt, S.Siem, G.Sletten, P.G.Varmette, J.N.Wilson, Y.C.Zhang - Phys.Rev. C 78, 044316 (2008)
Identification of triaxial strongly deformed bands in ^{168}Hf

2008YA21 A.Yadav, P.P.Singh, M.K.Sharma, D.P.Singh, Unnati, B.P.Singh, R.Prasad, M.M.Musthafa - Phys.Rev. C 78, 044606 (2008)
Large pre-equilibrium contribution in α + ^{nat}Ni interactions at ≈8-40 MeV

2008YAZX H.Yamaguchi, Y.Wakabayashi, S.Hayakawa, G.Amadio, S.Kubono, H.Fujikawa, A.Saito, J.J.He, T.Teranishi, Y.K.Kwon, S.Nishimura, Y.Togano, N.Iwasa, K.Inafuku, M.Niikura, D.N.Binh, L.H.Khiem - Proc.10th,Int.Sym.on Origin of Matter and Evolution of Galaxies 2007 (OMEG07):From the Dawn of Universe to the Formation of Solar System, Sapporo, Japan, December 4-7, 2007, T.Suda, T.Nozawa, A.Ohnishi, K.Kato, M.Y.Fujimoto, T.Kajino, S.Kubono, Eds., p.307 (2008); AIP Conf. Proc. 1016 (2008)
Nuclear Structure of ^{8}B Studied by Proton Resonance Scatterings on ^{7}Be

2008YU04 D.-Q.Yuan, P.Fan, Y.-N.Zheng, Y.Zuo, D.-M.Zhou, X.-G.Wu, G.-S.Li, L.-H.Zhu, G.-J.Xu, Q.-W.Fan, X.-Z.Zhang, S.-Y.Zhu - Chin.Phys.Lett. 25, 3617 (2008)
Measurements of g-Factor of Rotational Band States in ^{82}Sr

2009AL01 M.Al-Abyad, M.N.H.Comsan, S.M.Qaim - Appl.Radiat.Isot. 67, 122 (2009)
Excitation functions of proton-induced reactions on ^{nat}Fe and enriched ^{57}Fe with particular reference to the production of ^{57}Co

2009CU01 N.Curtis, N.I.Ashwood, M.Freer, T.Munoz-Britton, C.Wheldon, V.A.Ziman, S.Brown, W.N.Catford, N.P.Patterson, J.S.Thomas, D.C.Weisser - J.Phys.(London) G36, 015108 (2009)
Search for the α + ^{6}He decay of ^{10}Be via the ^{16}O(^{18}O, ^{10}Be*)^{24}Mg reaction

2009EL01 E.K.Elmaghraby, S.A.Said, F.I.Asfour - Appl.Radiat.Isot. 67, 147 (2009)
Investigation of the proton induced reactions on tin at low energies

2009ZH01 G.Zhang, J.Zhang, L.Guo, H.Wu, J.Chen, G.Tang, Yu.M.Gledenov, M.V.Sedysheva, G.Khuukhenkhuu, P.J.Szalanski - Appl.Radiat.Isot. 67, 46 (2009)
Measurement of cross sections for the ^{147}Sm(n, α)^{144}Nd reaction at 5.0 and 6.0 MeV