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This document lists experimental references added to Nuclear Science References (NSR) during the period July 1, 2005 to September 30, 2005. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Keynumbers and Keywords

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^{1}n	2005BO35	RADIOACTIVITY ^{1}n(β^-); measured Eβ. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 461
	2005BY03	RADIOACTIVITY ^{1}n(β^-); measured recoil proton spectra; deduced electron-antineutrino angular correlation coefficient. JOUR JRNBA 110 395
	2005BY04	RADIOACTIVITY ^{1}n(β^-); measured Ep, Eβ, Eγ, pγ-, $\beta\gamma$-, pβ-coin; deduced upper limit for radiative decay branching ratio. JOUR JRNBA 110 415
	2005DZ03	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Comparison with previous results. JOUR JRNBA 110 339
	2005GR15	NUCLEAR REACTIONS ^{1,2}H(polarized γ, X), E $\approx$ 200-2900 MeV; measured helicity dependent photoabsorption σ. ^{1}n, ^{1}H deduced sum rule features. JOUR PPNPD 55 375
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	2005RO21	NUCLEAR REACTIONS ^{1}H(γ, π^+), (polarized γ, π^+), E $\approx$ 400-800 MeV; measured unpolarized and helicity-dependent σ, $\sigma(\theta)$. JOUR NUPAB 755 451c
	2005SAZS	NUCLEAR REACTIONS ^{1}H(d, 2p), E=270 MeV; measured proton spin correlations; deduced violation of Bell's inequality. REPT CNS-REP-66,P32,Saito
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	2005AH05	NUCLEAR REACTIONS ^{1}H(polarized γ, $2\pi^0$), E=400-800 MeV; measured unpolarized and helicity-dependent σ. Polarized target. JOUR PYLBB 624 173

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2005BA58 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=854.3 MeV; measured single spin asymmetries; deduced form factor limits. JOUR NUPAB 755 249c

2005BAZV NUCLEAR REACTIONS ^{1}H(n, n), E=15 MeV; measured recoil protons angular distributions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P834

2005BO35 RADIOACTIVITY ^{1}n(β^{-}); measured Eβ. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 461

2005BY03 RADIOACTIVITY ^{1}n(β^{-}); measured recoil proton spectra; deduced electron-antineutrino angular correlation coefficient. JOUR JRNBA 110 395

2005BY04 RADIOACTIVITY ^{1}n(β^{-}); measured Ep, Eβ, Eγ, pγ-, $\beta\gamma$-, pβ-coin; deduced upper limit for radiative decay branching ratio. JOUR JRNBA 110 415

2005DA29 NUCLEAR REACTIONS ^{1}H(γ, γ'), E=high; measured σ, polarization transfer asymmetry. JOUR NUPAB 755 281c

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2005HA37 NUCLEAR REACTIONS ^{1,2}H(polarized e, e'), E=high; measured analyzing powers; deduced form factors. Polarized targets. JOUR NUPAB 755 257c

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	2005MA48	NUCLEAR REACTIONS ^{1}H(polarized e, e), E=3 GeV; measured parity-violating asymmetries. JOUR NUPAB 755 245c
	2005MEZY	NUCLEAR REACTIONS ^{1,2}H(n, n), E=95 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P688
	2005SAZT	NUCLEAR REACTIONS ^{1}H(α, α), E=80 MeV / nucleon; measured pα-coin, $\sigma(\theta)$; deduced target polarization. REPT RIKEN 2004 Annual,P36,Sakaguchi
	2005SE17	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Comparison with previous results. JOUR JRNBA 110 333
	2005SPZZ	NUCLEAR REACTIONS ^{1}H(p, p$\pi^+\pi^-$), E=2.2 GeV; measured η-meson production associated missing mass spectra. CONF Bormio (XLIII Winter Meeting) Proc,P305
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	2005WI17	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Trapped proton counting method. JOUR JRNBA 110 327

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^{2}n	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
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	2005MEZY	NUCLEAR REACTIONS ^{1,2}H(n, n), E=95 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P688

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^{3}H	2005GI07	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311
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	2005MIZU	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa
	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
	2005RI13	NUCLEAR REACTIONS ^{6}Li(d, pt), E=14 MeV; measured particle spectra, angular correlations. ^{2}H(d, p), E $\approx$ 50-2000 keV; deduced S-factors. Trojan horse method, comparison with previous results. JOUR NUPAB 758 146c
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	2005GI07	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311
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	2005KLZZ	NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=29, 45 MeV; measured vector and tensor analyzing powers. Comparison with model predictions. PREPRINT nucl-ex/0509008,9/05/2005
	2005MAZQ	NUCLEAR REACTIONS ^{15}N(p, n), E=5.1 MeV; ^{2}H(d, n), E=3.0 MeV; measured neutron spectra, transmission through iron spheres. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P480
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316

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^{4}n	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
^{4}He	2005CA29	NUCLEAR REACTIONS ^{12}C(p, X), E=180 MeV; ^{12}C(α, X), E=192.4 MeV; measured reaction σ. ^{3,4}He(p, p), E $\approx$ 40 MeV; measured $\sigma(\theta)$. ^{40}Ca(^{3}He, ^{3}He'), E=167 MeV; measured particle spectra. Modified attenuation technique for reaction cross section measurement. JOUR NIMAE 547 541
	2005CR05	NUCLEAR REACTIONS ^{7}Li(p, α), E=30-100 keV; measured yields in various compounds; deduced electron screening effect, astrophysical S-factors. JOUR PYLBB 624 181
	2005LA25	NUCLEAR REACTIONS ^{6}Li(^{3}He, pα), E=5, 6 MeV; measured Ep, Eα, angular correlations. ^{3}He(d, p), E=low; deduced astrophysical S-factor. JOUR NUPAB 758 98c
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	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
	2005PA39	NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e), E=3 GeV; measured parity-violating asymmetries; deduced strange form factor limits. JOUR NUPAB 755 241c
	2005RI13	NUCLEAR REACTIONS ^{6}Li(d, pt), E=14 MeV; measured particle spectra, angular correlations. ^{2}H(d, p), E $\approx$ 50-2000 keV; deduced S-factors. Trojan horse method, comparison with previous results. JOUR NUPAB 758 146c
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	2005UEZZ	NUCLEAR REACTIONS ^{4}He(polarized d, d), E=140, 270 MeV; measured $\sigma(\theta)$, tensor analyzing powers. REPT RIKEN 2004 Annual,P35,Uesaka

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^{5}H	2005GOZY	NUCLEAR REACTIONS ^{3}H(t, p), E=57.7 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}H deduced ground-state energy, width, configuration. Cyclotron, mass-separator. CONF St Petersburg,P124,Golovkov
^{5}He	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
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	2005MA45	RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c
	2005MIZU	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa
	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
	2005OK04	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy spectra, γ-spectra from neutral pion decay. ^{5}He, ^{12}C deduced hypernucleus decay branching ratios. JOUR NUPAB 754 178c
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^{6}He	2005CH49	NUCLEAR REACTIONS Pb(^{6}He, 2nα), E=240 MeV / nucleon; measured Eα, En, three-body energy and angular correlations; deduced role of final state interactions, other reaction mechanism features. ^{6}He deduced possible resonance. JOUR NUPAB 759 23
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	2005GI07	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311
	2005SM04	RADIOACTIVITY ^{6}He(β^-) [from ^{7}Li(p, 2p)]; measured β-delayed deuteron and α spectra; deduced branching ratio. JOUR NIMAE 547 480
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316
^{6}Li	2005GEZZ	NUCLEAR REACTIONS ^{9}Be(p, α), E=3.1-5.24 MeV; measured σ. CONF St Petersburg,P171,Generalov
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	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316
^{6}Be	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316

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^{7}H	2005GUZZ	NUCLEAR REACTIONS ^{9}Be(π^-, 2pX), E not given; measured charged particle spectra. ^{7}H deduced level energies, widths. Multilayer semiconductor spectrometer, LEP channel of LAMPF. CONF St Petersburg,P139,Gurov
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	2005SK03	NUCLEAR REACTIONS ^{1}H(^{8}He, p), (^{8}He, d), E=15.7 MeV / nucleon; measured deuteron and proton spectra, $\sigma(\theta)$. ^{8}He(p, p), E=15.7 MeV / nucleon; deduced effect of coupling to pickup reaction. Coupled-channels framework, dynamic polarization potential. JOUR PYLBB 619 82

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	2005GIZY	NUCLEAR REACTIONS ^{10}B(n, α), E=1.5-5.6 MeV; measured Eα, σ ratio, excitation function. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P816
	2005MI20	NUCLEAR REACTIONS ^{7}Li, ^{9}Be, ^{10,11}B, ^{12}C(K^-, X), E at rest; measured Eγ, Iγ. ^{7}Li deduced hypernucleus transition. Hyperball array. JOUR NUPAB 754 80c
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^{7}Be	2005BAZU	NUCLEAR REACTIONS C, W(p, nX), (d, nX), E=50, 70 MeV; Li(d, nX), E=40 MeV; measured neutron spectra, σ(E, θ), thick target yields. Li(d, X)^{7}Be, E $\approx$ 10-40 MeV; measured production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P884
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	2005NA32	NUCLEAR REACTIONS ^{4}He(^{3}He, γ), E=1000-2300 keV; measured σ; deduced astrophysical S-factors. JOUR NUPAB 758 689c
	2005RAZZ	RADIOACTIVITY ^{7}Be(EC); measured Eγ, Iγ, $T_{1/2}$ for source implanted in C_{60} and gold foil; deduced environmental effect. PREPRINT nucl-ex/0509021,9/15/2005
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=8

^{8}He	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
	2005SK03	NUCLEAR REACTIONS ^{1}H(^{8}He, p), (^{8}He, d), E=15.7 MeV / nucleon; measured deuteron and proton spectra, $\sigma(\theta)$. ^{8}He(p, p), E=15.7 MeV / nucleon; deduced effect of coupling to pickup reaction. Coupled-channels framework, dynamic polarization potential. JOUR PYLBB 619 82
^{8}Li	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
^{8}Be	2005AN23	NUCLEAR REACTIONS ^{2}H(^{7}Be, p), E=1.71, 5.545 MeV; measured proton spectra. JOUR NUPAB 758 775c
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
^{8}B	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005SCZX	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. PREPRINT nucl-ex/0508014,08/11/2005

A=9

^{9}Li	2005LI35	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. ^{9}C deduced radius, density distributions, halo structure. JOUR CPLEE 22 1870
	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
^{9}Be	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c

A=9 *(continued)*

	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005WAZX	NUCLEAR REACTIONS ^{12}C(polarized γ, pd), E=170-350 MeV; measured deuteron and proton spectra, polarization asymmetry; deduced reaction mechanism features. Tagged photons. PREPRINT nucl-ex/0506018,6/14/2005
^{9}C	2005LI35	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. ^{9}C deduced radius, density distributions, halo structure. JOUR CPLEE 22 1870
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=10

^{10}Be	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
^{10}B	2005BE43	NUCLEAR REACTIONS ^{10}B(polarized p, p), (polarized p, p'), E=197 MeV; measured σ(E, θ), analyzing power, polarization transfer coefficients. Comparison with model predictions. JOUR PRVCA 71 064607
	2005GL05	NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E=500 MeV bremsstrahlung; measured Ep, pion spectra, σ(E, θ); deduced reaction mechanism features. JOUR PZETA 81 546
	2005SUZV	NUCLEAR REACTIONS ^{12}C(polarized d, α), E=130, 180 MeV; measured Eα, asymmetry; deduced beam polarization. ^{1}H(polarized d, d), E=130, 180 MeV; measured analyzing powers. REPT CNS-REP-66,P34,Suda
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=10 *(continued)*

^{10}C	2005JO12	NUCLEAR REACTIONS ^{1}H(^{10}C, ^{10}C), (^{10}C, ^{10}C'), E=45.3 MeV / nucleon; ^{1}H(^{11}C, ^{11}C), (^{11}C, ^{11}C'), E=40.6 MeV / nucleon; ^{1}H(^{12}C, ^{12}C), (^{12}C, ^{12}C'), E=36.3 MeV / nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{10,11}C deduced radii, transition matrix elements. JOUR PRVCA 72 014308
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=11

^{11}B	2005BU33	NUCLEAR REACTIONS ^{11}B(α, α), (α, α'), E=40, 50 MeV; measured Eα, elastic and inelastic $\sigma(\theta)$; deduced optical model parameters. ^{11}B deduced spectroscopic factors, deformation parameters. JOUR YAFIA 68 1356
	2005KAZV	NUCLEAR REACTIONS ^{11}B(polarized d, d), (polarized d, d'), E=200 MeV; measured σ(E, θ). ^{11}B deduced levels, B(E2). Comparison with model predictions. REPT CNS-REP-66,P40,Kawabata
	2005MA45	RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c
	2005MI19	NUCLEAR REACTIONS ^{11}B(π^+, K$^+$), E not given; measured Eγ, Iγ, DSA. ^{11}B deduced hypernucleus transitions. Hyperball array, comparison with model predictions. JOUR NUPAB 754 75c
	2005NIZU	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm) $\approx$ 0.5 MeV; measured particle spectra. REPT CNS-REP-66,P9,Nishimura
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
^{11}C	2005GL05	NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E=500 MeV bremsstrahlung; measured Ep, pion spectra, σ(E, θ); deduced reaction mechanism features. JOUR PZETA 81 546
	2005JO12	NUCLEAR REACTIONS ^{1}H(^{10}C, ^{10}C), (^{10}C, ^{10}C'), E=45.3 MeV / nucleon; ^{1}H(^{11}C, ^{11}C), (^{11}C, ^{11}C'), E=40.6 MeV / nucleon; ^{1}H(^{12}C, ^{12}C), (^{12}C, ^{12}C'), E=36.3 MeV / nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{10,11}C deduced radii, transition matrix elements. JOUR PRVCA 72 014308
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=12

^{12}Be	2005IMZZ	NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=40.3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{12}Be deduced transition. REPT RIKEN 2004 Annual,P41,Imai
^{12}C	2005AG09	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C, ^{27}Al, ^{51}V(K$^-$, π^-X), E at rest; measured hypernucleus production associated mass spectra; deduced hypernucleus decay features. ^{12}C deduced hypernucleus ground and excited state energies. JOUR NUPAB 754 399c
	2005AG11	NUCLEAR REACTIONS ^{12}C(K$^-$, π^-), E at rest; measured hypernucleus production associated excitation energy spectra. ^{12}C deduced hyperon binding energies. JOUR PYLBB 622 35
	2005BO22	NUCLEAR REACTIONS ^{12}C(^{3}He, tπ^+), E=2 GeV; ^{12}C(^{12}C, ^{12}Nπ^-), E=1.1 GeV / nucleon; measured σ(E, θ). JOUR NUPAB 755 507c
	2005KA23	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), (π^+, pX), E at 1.05 GeV / c; measured excitation energy spectra, proton spectra following hypernucleus decay. ^{5}He deduced hypernucleus decay width. JOUR NUPAB 754 173c
	2005MA45	RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c
	2005OK04	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured excitation energy spectra, γ-spectra from neutral pion decay. ^{5}He, ^{12}C deduced hypernucleus decay branching ratios. JOUR NUPAB 754 178c
	2005OU02	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E not given; measured hypernucleus excitation energy spectra, nn-, np-coin following hypernucleus decay. ^{5}He, ^{12}C deduced hypernucleus decay widths, branching ratios. JOUR NUPAB 754 157c
	2005RO29	NUCLEAR REACTIONS ^{12}C(polarized n, n), E=2.2-8.5 MeV; measured Ay(θ). Comparison with previous data and model predictions. JOUR PRVCA 72 024605
	2005SAZX	NUCLEAR REACTIONS ^{12}C(^{24}Mg, ^{20}Ne), (^{24}Mg, 2^{12}C), E=130 MeV; measured Eγ, Iγ, (particle)γ-, (particle)(particle)-coin. ^{16}O deduced transitions, branching ratio. Euroball IV array. CONF Bormio (XLIII Winter Meeting) Proc,P224
^{12}N	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=13

^{13}B	2005GEZY	NUCLEAR REACTIONS ^{11}B(t, p), E=2.6-7 MeV; measured σ. CONF St Petersburg,P172,Generalov

A=13 *(continued)*

	2005GEZY	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured $T_{1/2}$. CONF St Petersburg,P172,Generalov
^{13}C	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005GEZY	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured $T_{1/2}$. CONF St Petersburg,P172,Generalov
^{13}N	2005TEZX	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=3.7 MeV / nucleon; measured recoil proton spectra. ^{14}O deduced resonance energies. REPT CNS-REP-66,P5,Teranishi
^{13}O	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=14

^{14}C	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005GO30	NUCLEAR REACTIONS ^{14}C(α, α), E=16.3-19.2 MeV; measured $\sigma(\theta)$, excitation function. ^{18}O deduced levels, J, π, α-cluster states. JOUR YAFIA 68 1123
	2005PA41	NUCLEAR REACTIONS ^{16}O(n, ^{3}He), (n, t), E=15.4-18.1 MeV; measured activation σ. Accelerator mass spectrometry. JOUR KPSJA 47 23
^{14}N	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005PA41	NUCLEAR REACTIONS ^{16}O(n, ^{3}He), (n, t), E=15.4-18.1 MeV; measured activation σ. Accelerator mass spectrometry. JOUR KPSJA 47 23
^{14}O	2005BAZP	NUCLEAR REACTIONS ^{4}He(^{14}O, X), E=60 MeV / nucleon; measured particle spectra, σ(E, θ). ^{14}O deduced E0 and E1 strength distributions. REPT CNS-REP-66,P28,Baba
	2005BAZQ	NUCLEAR REACTIONS He(^{14}O, X), E=60 MeV / nucleon; measured particle spectra; deduced excitation energy spectrum. ^{14}O deduced electric multipole strength distributions. REPT RIKEN 2004 Annual,P48,Baba

A=14 *(continued)*

	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005TEZX	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=3.7 MeV / nucleon; measured recoil proton spectra. ^{14}O deduced resonance energies. REPT CNS-REP-66,P5,Teranishi

A=15

^{15}C	2005RE22	NUCLEAR REACTIONS ^{14}C(n, γ), E=30, 150, 500 keV; measured σ. Fast cyclic activation technique. JOUR NUPAB 758 787c
^{15}N	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005KI11	NUCLEAR REACTIONS ^{16}O(K$^-$, n), (K$^-$, nX), E at 0.93 GeV / c; measured neutron spectra; deduced kaonic nuclei. JOUR NUPAB 754 383c
	2005SAZU	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured prompt Eγ, Iγ; deduced capture σ. Pair spectrometer, spectrum unfolding procedure. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1000
^{15}O	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005CO16	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured Eγ, Iγ; deduced S-factors. JOUR NUPAB 758 383c
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005IMZY	NUCLEAR REACTIONS ^{14}N(p, γ), E(cm)=119-367 keV; measured Eγ, Iγ, excitation functions; deduced astrophysical S-factors, reaction rates. PREPRINT nucl-ex/0509005,9/01/2005
	2005KO31	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.49 MeV; measured particle spectra, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{18}F(p, α), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 753c

A=15 *(continued)*

2005MAZQ NUCLEAR REACTIONS ^{15}N(p, n), E=5.1 MeV; ^{2}H(d, n), E=3.0 MeV; measured neutron spectra, transmission through iron spheres. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P480

2005WAZW NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=16

^{16}O

2005FUZW NUCLEAR REACTIONS ^{4}He(^{16}O, α), E < 32.5 MeV; measured recoil α spectrum. REPT CNS-REP-66,P13,Fujikawa

2005HA48 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=0.89-2.8 MeV; measured Eγ, Iγ, angular distributions; deduced S-factors for E1 and E2 capture. Eurogam and Gandi arrays, astrophysical implications discussed. JOUR NUPAB 758 363c

2005HAZN NUCLEAR REACTIONS ^{13}C(α, n), E=0.8-8.0 MeV; measured σ. PREPRINT nucl-ex/0509014,9/09/2005

2005KH13 NUCLEAR REACTIONS ^{16}O(^{16}O, ^{16}O'), E=250, 350, 480, 704, 1120 MeV; measured σ(E, θ); deduced refractive features. DWBA and folding-model analysis, nuclear rainbow. JOUR NUPAB 759 3

2005KRZY NUCLEAR REACTIONS ^{14}N(^{3}He, p), E=2.4 MeV; measured Eγ, Ep, pγ-coin, electron-positron pair spectrum; deduced possible neutral boson production. REPT ATOMKI 2004 Annual,P3,Krasznahorkay

2005MA52 NUCLEAR REACTIONS ^{12}C(α, γ), E=2.27 MeV; ^{27}Al(p, γ), E=2.05 MeV; measured Eγ, Iγ(θ). JOUR NIMAE 547 411

2005MA69 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.39, 1.58 MeV; measured Eγ, Iγ, σ(E2) / σ(E1). Pulsed beam. JOUR NUPAB 758 371c

2005MA71 NUCLEAR REACTIONS ^{19}F(p, α), E=1.95-2.10 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{16}O level deduced decay branching ratio. Astrophysical implications discussed. JOUR NUPAB 758 403c

2005PL04 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.0-1.5 MeV; measured Eγ, Iγ, angular distributions; deduced S-factors. JOUR NUPAB 758 415c

2005SAZX NUCLEAR REACTIONS ^{12}C(^{24}Mg, ^{20}Ne), (^{24}Mg, 2^{12}C), E=130 MeV; measured Eγ, Iγ, (particle)γ-, (particle)(particle)-coin. ^{16}O deduced transitions, branching ratio. Euroball IV array. CONF Bormio (XLIII Winter Meeting) Proc,P224

2005SC17 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.3-5.0 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced astrophysical S-factors. Recoil mass separator. JOUR NUPAB 758 367c

2005TA19 NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c

A=16 *(continued)*

	2005UK01	NUCLEAR REACTIONS ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; measured Eγ, Iγ. ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 70c

A=17

^{17}B	2005DO16	NUCLEAR REACTIONS ^{1}H(^{17}B, ^{17}B'), E=43.8 MeV; measured Eγ, Iγ, (particle)γ-coin, σ. ^{17}B deduced deformation parameters, decoupling of valence neutrons from core. JOUR PYLBB 621 81
	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E $\approx$ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
^{17}C	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E $\approx$ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
^{17}O	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
^{17}F	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c
^{17}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=18

^{18}O	2005GO30	NUCLEAR REACTIONS ^{14}C(α, α), E=16.3-19.2 MeV; measured $\sigma(\theta)$, excitation function. ^{18}O deduced levels, J, π, α-cluster states. JOUR YAFIA 68 1123
^{18}F	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005HE19	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectra. ^{138}Ba, ^{139}La, ^{175}Lu(n, γ), E=spectrum; measured σ. JOUR NUPAB 758 529c

A=18 *(continued)*

	2005IL02	NUCLEAR REACTIONS ^{17}O(p, γ), E $\approx$ 190, 519 keV; measured Eγ, Iγ; deduced resonance excitation functions. ^{23}Na(p, γ), E $\approx$ 150 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced resonance strength upper limit. Astrophysical implications discussed. JOUR NUPAB 758 73c
^{18}Ne	2005PA50	NUCLEAR REACTIONS ^{16}O(^{3}He, n), E=9.9-10.4 MeV; measured neutron spectra, $\sigma(\theta)$. ^{18}Ne deduced resonance energy, width. Comparison with previous results. JOUR PRVCA 72 025802

A=19

^{19}C	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E $\approx$ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
^{19}N	2005DOZX	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{19}N, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{19}N deduced levels. REPT ATOMKI 2004 Annual,P8,Dombradi
^{19}F	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005KO31	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.49 MeV; measured particle spectra, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{18}F(p, α), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 753c
^{19}Ne	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319

A=20

^{20}Na	2005CO17	NUCLEAR REACTIONS ^{1}H(^{19}Ne, γ), E=10 MeV; measured particle spectra. ^{20}Na deduced resonance strength. JOUR NUPAB 758 741c
	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) $\approx$ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c
^{20}Mg	2005IWZX	NUCLEAR REACTIONS Pb(^{20}Mg, ^{20}Mg'), E=58 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{20}Mg deduced transition. REPT RIKEN 2004 Annual,P58,Iwasa

A=21

^{21}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
^{21}Na	2005HEZT	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced level energies, resonance features. REPT CNS-REP-66,P1,He
	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) $\approx$ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c

A=22

^{22}Ne	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) $\approx$ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c
	2005UG04	NUCLEAR REACTIONS ^{19}F(α, p), E=1238-2009 keV; measured yields; deduced astrophysical reaction rates. JOUR NUPAB 758 577c
^{22}Mg	2005DAZW	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm)=206-1101 keV; measured Eγ, Iγ, (particle)γ-coin; deduced thick-target yields, resonance strengths. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1345
	2005HEZS	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{23}Al deduced level energies, possible J, π, resonance features. REPT CNS-REP-66,P3,He
	2005HEZT	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced level energies, resonance features. REPT CNS-REP-66,P1,He
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005TR11	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm)=200-1135 keV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{22}Mg deduced levels, J, π, resonance strengths. JOUR NUPAB 758 729c

A=23

^{23}F	2005MIZU	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa
	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
^{23}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319

A=23 *(continued)*

^{23}Na	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
	2005JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR NUPAB 758 749c
^{23}Mg	2005JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR NUPAB 758 749c
	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c
	2005TEZY	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured recoil proton spectra, $\sigma(\theta)$. REPT RIKEN 2004 Annual,P59,Teranishi
^{23}Al	2005GO33	NUCLEAR REACTIONS Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured particles relative energy spectrum, Eγ, Iγ; deduced Coulomb dissociation $\sigma(\theta)$. ^{23}Al level deduced radiative width. JOUR NUPAB 758 761c
	2005HEZS	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{23}Al deduced level energies, possible J, π, resonance features. REPT CNS-REP-66,P3,He

A=24

^{24}Na	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005

A=24 *(continued)*

^{24}Mg	2005IL02	NUCLEAR REACTIONS ^{17}O(p, γ), E $\approx$ 190, 519 keV; measured Eγ, Iγ; deduced resonance excitation functions. ^{23}Na(p, γ), E $\approx$ 150 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced resonance strength upper limit. Astrophysical implications discussed. JOUR NUPAB 758 73c
^{24}Al	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c

A=25

^{25}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005GIZX	NUCLEAR REACTIONS Pb(^{26}Ne, ^{25}NeX), E=58 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25}Ne deduced levels, transitions. REPT RIKEN 2004 Annual,P53,Gibelin
^{25}Al	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon

A=26

^{26}Ne	2005DOZW	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{26}Ne / ^{28}Ne, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{26,28}Ne deduced transitions. REPT ATOMKI 2004 Annual,P10,Dombradi
^{26}Mg	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
^{26}Al	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
	2005WAZU	NUCLEAR REACTIONS ^{27}Al(n, 2n), E=13.6-14.9 MeV; measured σ. Accelerator mass spectrometry, other potential measurements discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P621

A=26 *(continued)*

^{26}Si	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZR	NUCLEAR REACTIONS ^{1}H(^{26}Si, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{27}P deduced level energies, J, π, resonance features. REPT CNS-REP-66,P6,Moon
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon

A=27

^{27}Mg	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{27}Si	2005LE30	NUCLEAR REACTIONS ^{27}Al(^{3}He, t), E=25 MeV; measured Ep following residual nucleus decay to ground and metastable states. ^{27}Si deduced resonance energy. Astrophysical implications discussed. JOUR NUPAB 758 84c
	2005SA37	NUCLEAR REACTIONS ^{40}Ca(e, e'n), E=129 MeV; measured En, missing energy spectra, angular correlations, σ(E, θ); ^{12}C, ^{28}Si(e, e'n), E not given; analyzed data; deduced core excitation in giant resonance. JOUR PRVCA 71 064313
^{27}P	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZR	NUCLEAR REACTIONS ^{1}H(^{26}Si, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{27}P deduced level energies, J, π, resonance features. REPT CNS-REP-66,P6,Moon
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon
	2005TO11	NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum. ^{27}P deduced excited state γ-decay width. Comparison with previous results. JOUR NUPAB 758 182c

A=28

^{28}Ne	2005DOZW	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{26}Ne / ^{28}Ne, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{26,28}Ne deduced transitions. REPT ATOMKI 2004 Annual,P10,Dombradi

A=28 *(continued)*

	2005IW02	NUCLEAR REACTIONS C, Pb(^{28}Ne, ^{28}Ne'), E=46 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28}Ne deduced transition B(E2), suppressed collectivity. Comparison with neighboring nuclides, model predictions. JOUR PYLBB 620 118
^{28}Al	2005GE07	NUCLEAR REACTIONS ^{10}B, ^{27}Al(polarized n, γ), E=low; measured parity-violating γ-ray asymmetry. JOUR JRNBA 110 215
^{28}Si	2005MA52	NUCLEAR REACTIONS ^{12}C(α, γ), E=2.27 MeV; ^{27}Al(p, γ), E=2.05 MeV; measured Eγ, I$\gamma(\theta)$. JOUR NIMAE 547 411

A=29

^{29}Si	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005
	2005JEZY	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617

A=30

No references found

A=31

^{31}P	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111

A=32

^{32}S	2005ADZW	NUCLEAR REACTIONS ^{31}P(p, γ), E not given; measured Eγ, Iγ. ^{32}S deduced excited state energy. REPT Univ Washington Annual 2005,P58,Adelberger
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510

A=33

^{33}S	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005

A=33 *(continued)*

	2005JEZY	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{33}Cl	2005ADZV	NUCLEAR REACTIONS ^{32}S(p, γ), E $\approx$ 3.4 MeV; measured Eγ, Iγ. ^{33}Cl deduced transitions. REPT Univ Washington Annual 2005,P59,Adelberger

A=34

^{34}S	2005FU03	NUCLEAR REACTIONS ^{34}S(^{7}Li, tα), E=26 MeV; measured particle spectra, angular correlations. ^{38}Ar deduced α-cluster states energies, J, π. JOUR PRVCA 71 067602
^{34}Cl	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{34}Ar	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=35

^{35}Cl	2005KSZZ	NUCLEAR REACTIONS ^{12}C(^{28}Si, pα), E=70, 88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{35}Cl level deduced $T_{1/2}$, isospin-mixing effects. PREPRINT nucl-ex/0507019,7/13/2005

A=36

^{36}S	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
^{36}Cl	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005

A=36 *(continued)*

2005JEZY NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617

2005SCZW NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517

A=37

No references found

A=38

^{38}Ar 2005FU03 NUCLEAR REACTIONS ^{34}S(^{7}Li, tα), E=26 MeV; measured particle spectra, angular correlations. ^{38}Ar deduced α-cluster states energies, J, π. JOUR PRVCA 71 067602

^{38}K 2005SA44 RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=39

^{39}Ar 2005FUZX NUCLEAR REACTIONS ^{3}He(^{40}Ar, α), E=4.5 MeV / nucleon; measured yield. Application to half-life determination discussed. REPT CNS-REP-66,P8,Fulop

^{39}Ca 2005SA37 NUCLEAR REACTIONS ^{40}Ca(e, e'n), E=129 MeV; measured En, missing energy spectra, angular correlations, σ(E, θ); ^{12}C, ^{28}Si(e, e'n), E not given; analyzed data; deduced core excitation in giant resonance. JOUR PRVCA 71 064313

A=40

^{40}Ar 2005ST22 NUCLEAR REACTIONS C(^{40}Ar, ^{40}Ar'), E=80 MeV; C(^{46}Ti, ^{46}Ti'), E=100 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{40}Ar level deduced g factor, configuration. Transient field technique, comparison with shell model calculations. JOUR PRVCA 72 014309

^{40}Ca 2005CA29 NUCLEAR REACTIONS ^{12}C(p, X), E=180 MeV; ^{12}C(α, X), E=192.4 MeV; measured reaction σ. ^{3,4}He(p, p), E $\approx$ 40 MeV; measured $\sigma(\theta)$. ^{40}Ca(^{3}He, ^{3}He'), E=167 MeV; measured particle spectra. Modified attenuation technique for reaction cross section measurement. JOUR NIMAE 547 541

A=41

No references found

A=42

^{42}Sc	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=43

No references found

A=44

^{44}Ca	2005LO06	NUCLEAR REACTIONS ^{44}Ca(p, p), (p, p'), E=2.50-3.53 MeV; measured Ep, σ(E, θ). ^{45}Sc deduced resonance parameters, level densities. JOUR PRVCA 71 064315
^{44}Sc	2005LA19	NUCLEAR REACTIONS ^{30}Si(^{18}O, 3np), E=68 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, γ-ray polarization. ^{44}Sc deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Euroball IV array. JOUR ZAANE 25 1
^{44}Ti	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005NA30	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E=72 MeV; measured yields. Radiochemical separation, accelerator mass spectrometry. Astrophysical implications discussed. JOUR NUPAB 758 411c
	2005NAZW	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E(cm)=0.6-1.2 MeV / nucleon; measured yields. Radiochemical separation, accelerator mass spectrometry. Astrophysical implications discussed. PREPRINT nucl-ex/0509006,9/03/2005

A=45

^{45}Ca	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758

A=45 *(continued)*

^{45}Sc	2005LO06	NUCLEAR REACTIONS ^{44}Ca(p, p), (p, p'), E=2.50-3.53 MeV; measured Ep, σ(E, θ). ^{45}Sc deduced resonance parameters, level densities. JOUR PRVCA 71 064315

A=46

^{46}Ar	2005RI11	NUCLEAR REACTIONS ^{1}H, C(^{46}Ar, ^{46}Ar'), E $\approx$ 68 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{46}Ar deduced levels, J, π, B(E2), deformation lengths. Optical model analysis. JOUR PRVCA 72 024311
^{46}Ti	2005SA44	ATOMIC MASSES ^{46}Ti, ^{46}V; measured masses; deduced Q(EC). Penning trap mass spectrometer. JOUR PRLTA 95 102501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{46}V	2005ON03	RADIOACTIVITY ^{46}Cr(β^+) [from ^{9}Be(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller decay branching ratio, B(GT). ^{46}V deduced transitions. Comparison with model predictions. JOUR PRVCA 72 024308
	2005SA44	ATOMIC MASSES ^{46}Ti, ^{46}V; measured masses; deduced Q(EC). Penning trap mass spectrometer. JOUR PRLTA 95 102501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{46}Cr	2005ON03	RADIOACTIVITY ^{46}Cr(β^+) [from ^{9}Be(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller decay branching ratio, B(GT). ^{46}V deduced transitions. Comparison with model predictions. JOUR PRVCA 72 024308

A=47

^{47}Sc	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
^{47}Ti	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035

A=48

^{48}Sc	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
^{48}Ti	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
	2005TRZZ	RADIOACTIVITY ^{48}V(EC), (β^+) [from Ti(p, X)]; measured Eγ, Iγ; deduced log ft. ^{48}Ti deduced transition intensities. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P261
^{48}V	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005TRZZ	RADIOACTIVITY ^{48}V(EC), (β^+) [from Ti(p, X)]; measured Eγ, Iγ; deduced log ft. ^{48}Ti deduced transition intensities. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P261
^{48}Cr	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=49

^{49}Ti	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E $\approx$ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura

A=50

^{50}Ti	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E $\approx$ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura

A=50 *(continued)*

	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
^{50}Mn	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=51

^{51}Ti	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E ≈ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
^{51}Cr	2005BAZR	NUCLEAR REACTIONS ^{107}Ag(α, γ), E=7.8-11.9 MeV; ^{48}Ti(α, n), E ≈ 6.5-11.5 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1370
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E ≈ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861

A=52

^{52}Ti	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
^{52}Mn	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E ≈ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=52 *(continued)*

	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
^{52}Fe	2005GA20	RADIOACTIVITY ^{52}Fe(IT) [from Si(^{36}Ar, X)]; measured Eγ, Iγ, γγ-coin. ^{52}Fe deduced levels, J, π, $T_{1/2}$, B(E4), yrast trap. Comparison with shell model predictions. JOUR PYLBB 619 88

A=53

^{53}Cr	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
^{53}Fe	2005DU19	NUCLEAR REACTIONS ^{28}Si(^{32}S, n2pα), E=125 MeV; measured Eγ, Iγ, γγ-, (charged particle)γ-, (neutron)γ-coin. ^{24}Mg(^{32}S, n2p), E=95 MeV; measured Doppler-shifted Eγ, Iγ, γγ-coin. ^{53}Fe deduced high-spin levels, J, π, $T_{1/2}$, configurations. Gammasphere, Microball, GASP arrays, recoil-distance technique. Comparison with shell-model predictions. JOUR PRVCA 72 014307

A=54

^{54}Cr	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
^{54}Mn	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E ≈ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
^{54}Co	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=55

^{55}Cr	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
^{55}Co	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=56

^{56}Cr	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
^{56}Fe	2005EGZZ	NUCLEAR REACTIONS ^{3,4}He, ^{12}C, ^{56}Fe(e, e'), E $\approx$ 4.4-4.7 GeV; measured relative σ(Q^2, x); deduced 2- and 3-nucleon short range correlation probabilities. PREPRINT nucl-ex/0508026,8/24/2005
	2005NEZY	NUCLEAR REACTIONS Fe, ^{56}Fe(n, n'γ), E $\approx$ 14 MeV; measured absolute σ for production of 847-keV γ-ray. Cr(n, n'γ), E $\approx$ 14 MeV; measured relative σ for production of 1434-keV γ-ray. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P838
^{56}Co	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005SEZW	NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931

A=56 *(continued)*

^{56}Ni	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=57

^{57}Cr	2005DE34	NUCLEAR REACTIONS ^{14}C(^{48}Ca, nα), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{57}Cr deduced high-spin levels, J, π, configurations. Gammasphere array, mass separator. JOUR PYLBB 622 151
^{57}Fe	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
^{57}Co	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{57}Ni	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=58

^{58}Cr	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
^{58}Co	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=58 *(continued)*

2005ZE04 NUCLEAR REACTIONS ^{58}Ni(t, ^{3}He), E=112 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller strength distribution. JOUR NUPAB 758 67c

A=59

^{59}Fe 2005SEZW NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019

2005TIZX NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070

2005TIZY NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005

A=60

^{60}Co 2005SEZW NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019

A=61

^{61}Cu 2005NAZY NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489

2005SI21 NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=62

^{62}Co 2005PE12 NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Co / ^{63}Co, E $\approx$ 400-460 MeV; measured yields. Ion-guide isotope separator. JOUR NIMAE 546 418

^{62}Cu 2005MAZP NUCLEAR REACTIONS ^{64}Zn(n, p), ^{64}Zn, ^{63,65}Cu(n, 2n), E $\approx$ 10-15 MeV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P609

A=62 *(continued)*

^{62}Zn	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=63

^{63}Co	2005PE12	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Co / ^{63}Co, E $\approx$ 400-460 MeV; measured yields. Ion-guide isotope separator. JOUR NIMAE 546 418
	2005PE12	RADIOACTIVITY ^{63}Co(β^-) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. Ion-guide isotope separator. JOUR NIMAE 546 418
^{63}Ni	2005NA31	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=5, 5-90 MeV; measured Eγ, Iγ, capture σ; deduced Maxwellian averaged σ. JOUR NUPAB 758 537c
	2005PE12	RADIOACTIVITY ^{63}Co(β^-) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. Ion-guide isotope separator. JOUR NIMAE 546 418
^{63}Zn	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489

A=64

^{64}Cu	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
	2005MAZP	NUCLEAR REACTIONS ^{64}Zn(n, p), ^{64}Zn, ^{63,65}Cu(n, 2n), E $\approx$ 10-15 MeV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P609
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489

A=65

No references found

A=66

No references found

A=67

^{67}Ga	2005BAZS	NUCLEAR REACTIONS ^{63}Cu(α, γ), E=5.9-8.7 MeV; measured σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1366

A=68

No references found

A=69

No references found

A=70

^{70}Ni	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru

A=71

^{71}Ge	2005SE14	RADIOACTIVITY ^{71}As(β^+); measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310
^{71}As	2005SE14	NUCLEAR MOMENTS ^{71}As; measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310
	2005SE14	RADIOACTIVITY ^{71}As(β^+); measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310
^{71}Br	2005FI10	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, p2α), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{71}Br deduced levels, J, π, δ, rotational bands, shape coexistence features. ^{71}Kr; analyzed data; deduced ground-state J, π. Gammasphere, Microball arrays. JOUR PRVCA 72 024321

A=71 *(continued)*

^{71}Kr	2005FI10	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, p2α), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{71}Br deduced levels, J, π, δ, rotational bands, shape coexistence features. ^{71}Kr; analyzed data; deduced ground-state J, π. Gammasphere, Microball arrays. JOUR PRVCA 72 024321

A=72

^{72}Co	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
^{72}Ni	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
^{72}Kr	2005GA22	NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502

A=73

No references found

A=74

^{74}Co	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
^{74}Ni	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
^{74}Zn	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru
^{74}Rb	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=75

No references found

A=76

^{76}Ni	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
^{76}Ge	2005BA60	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR FECLA 125 21
^{76}Se	2005BA60	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR FECLA 125 21

A=77

No references found

A=78

^{78}Kr	2005GA22	NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502

A=79

No references found

A=80

No references found

A=81

^{81}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327

A=82

^{82}Ga	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
^{82}Ge	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
^{82}Se	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
^{82}Kr	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
^{82}Sr	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=83

^{83}Ga	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
^{83}Ge	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
^{83}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{83}Rb	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{83}Sr	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{83}Y	2005YU04	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 3p), E=98 MeV; measured Eγ, I$\gamma(\theta$, H, t), $\gamma\gamma$-coin. ^{83}Y deduced g-factors for rotational band levels. Transient field technique, comparison with cranking model predictions. JOUR CPLEE 22 1628

A=84

^{84}Br	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{84}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{84}Rb	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=85

^{85}Se	2005TH09	NUCLEAR REACTIONS ^{2}H(^{84}Se, p), (^{124}Sn, p), E=4.5 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{85}Se, ^{125}Sn deduced levels, J, π. JOUR NUPAB 758 663c
^{85}Br	2005FO05	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; ^{208}Pb(^{18}O, X), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following compound nucleus fission. ^{85}Br, ^{87}Rb deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR PRVCA 71 064312
^{85}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{85}Sr	2005DI15	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr(n, γ), E=spectrum; measured σ, isomer ratio. Activation technique. JOUR NUPAB 758 513c
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=86

^{86}Kr	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510

A=86 *(continued)*

^{86}Rb	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{86}Y	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{86}Zr	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=87

^{87}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{87}Rb	2005FO05	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; ^{208}Pb(^{18}O, X), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following compound nucleus fission. ^{85}Br, ^{87}Rb deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR PRVCA 71 064312
^{87}Sr	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{87}Y	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=88

^{88}Kr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{88}Y	2005TAZT	NUCLEAR REACTIONS Mo, Nb, Zr, Y(p, X)^{88}Zr / ^{88}Y, E $\approx$ 20-80 MeV; Mo, Zr, Y(d, X)^{88}Zr / ^{88}Y, E $\approx$ 5-50 MeV; measured excitation functions; deduced thick-target yields. Comparison with previous results. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1658
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{88}Zr	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005TAZT	NUCLEAR REACTIONS Mo, Nb, Zr, Y(p, X)^{88}Zr / ^{88}Y, E $\approx$ 20-80 MeV; Mo, Zr, Y(d, X)^{88}Zr / ^{88}Y, E $\approx$ 5-50 MeV; measured excitation functions; deduced thick-target yields. Comparison with previous results. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1658
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=89

^{89}Kr	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{89}Sr	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758
^{89}Y	2005KIZV	NUCLEAR REACTIONS ^{89}Y(α, α), E=16.165 MeV; measured $\sigma(\theta)$. REPT ATOMKI 2004 Annual,P14,Kiss
	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi

A=89 *(continued)*

^{89}Zr	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=90

^{90}Y	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi
^{90}Zr	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
^{90}Nb	2005ALZZ	NUCLEAR REACTIONS ^{93}Nb(γ, n), (γ, 3n), , E=50 MeV bremsstrahlung; measured Eγ, Iγ; deduced yield ratio. HPGe detectors, microtron. CONF St Petersburg,P56,Aliev
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931

A=91

^{91}Kr	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{91}Sr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=91 *(continued)*

	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{91}Y	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{91}Zr	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
	2005FUZV	NUCLEAR REACTIONS ^{82}Se(^{16}O, 3nα), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Zr deduced high-spin levels. REPT CNS-REP-66,P17,Fukuchi
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{91}Rh	2005MA55	NUCLEAR REACTIONS ^{54}Fe(^{40}Ca, 2np), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{91}Rh deduced high-spin levels, J, π, configurations, possible isomeric state. GASP, ISIS arrays, comparison with shell model predictions. JOUR PRVCA 72 014302

A=92

^{92}Kr	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{92}Sr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{92}Y	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=92 *(continued)*

	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{92}Zr	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{92}Nb	2005ALZZ	NUCLEAR REACTIONS ^{93}Nb(γ, n), (γ, 3n), , E=50 MeV bremsstrahlung; measured Eγ, Iγ; deduced yield ratio. HPGe detectors, microtron. CONF St Petersburg,P56,Aliev
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
^{92}Rh	2005MUZX	RADIOACTIVITY ^{94m}Ag(2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Eγ, Ep, pp-, $\gamma\gamma$-, pγ-coin; deduced two-proton decay branching ratio. ^{92}Rh deduced levels, J, π. REPT GSI 2005-1,P87,Mukha

A=93

^{93}Kr	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{93}Zr	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005OHZX	NUCLEAR REACTIONS ^{92}Zr(n, γ), E=15-90, 550 keV; measured Eγ, capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P945
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304

A=93 *(continued)*

	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{93}Nb	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi
^{93}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
^{93}Tc	2005NA28	RADIOACTIVITY ^{93m}Tc(IT) [from ^{45}Sc(^{52}Cr, 2n2p)]; measured Eγ, Iγ, γ asymmetry from polarized nucleus decay. ^{93}Tc deduced parity nonconservation in isomeric state decay. JOUR PRVCA 72 027303
^{93}Pd	2005MU15	RADIOACTIVITY ^{94m}Ag(p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, $\gamma\gamma$-, pγ-coin, $T_{1/2}$ following decay of high-spin isomer; deduced branching ratios, Q-value. ^{94}Ag deduced isomer configuration, deformation. ^{93}Pd deduced levels. JOUR PRLTA 95 022501

A=94

^{94}Y	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{94}Zr	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
^{94}Nb	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{94}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
^{94}Ag	2005MU15	RADIOACTIVITY ^{94m}Ag(p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, $\gamma\gamma$-, pγ-coin, $T_{1/2}$ following decay of high-spin isomer; deduced branching ratios, Q-value. ^{94}Ag deduced isomer configuration, deformation. ^{93}Pd deduced levels. JOUR PRLTA 95 022501
	2005MUZX	RADIOACTIVITY ^{94m}Ag(2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Eγ, Ep, pp-, $\gamma\gamma$-, pγ-coin; deduced two-proton decay branching ratio. ^{92}Rh deduced levels, J, π. REPT GSI 2005-1,P87,Mukha

A=95

^{95}Zr	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{95}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c
^{95}Tc	2005MU22	NUCLEAR REACTIONS ^{93}Nb(α, 2n), E $\approx$ 20-120 MeV; measured excitation function, isomer yield ratio. Activation technique, comparison with model predictions. JOUR PRVCA 72 014609
^{95}Pd	2005HA45	RADIOACTIVITY ^{95}Ag(EC) [from ^{58}Ni(^{40}Ca, 2np)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{95}Pd deduced levels, J, π. Mass separator. Comparison with shell-model predictions. JOUR PRVCA 72 024303
^{95}Ag	2005HA45	RADIOACTIVITY ^{95}Ag(EC) [from ^{58}Ni(^{40}Ca, 2np)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{95}Pd deduced levels, J, π. Mass separator. Comparison with shell-model predictions. JOUR PRVCA 72 024303

A=96

^{96}Rb	2005PI13	NUCLEAR REACTIONS ^{241}Pu(n, F)^{96}Rb, E=thermal; measured delayed Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-coin, X-ray spectra. ^{96}Rb deduced levels, J, π, configurations, deformation, isomer $T_{1/2}$. Mass separator, comparisons with neighboring nuclides. JOUR PRVCA 71 064327

A=96 *(continued)*

^{96}Zr	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
^{96}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
^{96}Ru	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c

A=97

^{97}Zr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005HU14	RADIOACTIVITY ^{97}Zr(β^-) [from Zr(n, X)]; measured $T_{1/2}$. JOUR JRNCD 265 499
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{97}Nb	2005HU14	RADIOACTIVITY ^{97}Zr(β^-) [from Zr(n, X)]; measured $T_{1/2}$. JOUR JRNCD 265 499
^{97}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005

A=98

^{98}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005RU14	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E=3.2-3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{98,100}Mo deduced levels, J, π, branching ratios, transition probabilities, shape isomer configuration mixing features. JOUR PRLTA 95 062501

A=99

^{99}Mo	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861

A=100

^{100}Mo	2005RU14	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E=3.2-3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{98,100}Mo deduced levels, J, π, branching ratios, transition probabilities, shape isomer configuration mixing features. JOUR PRLTA 95 062501
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
^{100}Tc	2005FUZY	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ; deduced capture σ, reaction σ lower limit. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
	2005FUZY	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced transitions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
^{100}Ru	2005FUZY	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced transitions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov

A=101

^{101}Rh	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005

A=102

^{102}Ru	2005SO09	NUCLEAR REACTIONS ^{96}Zr(^{13}C, 3nα), E=51, 58 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin. ^{102}Ru deduced high-spin levels J, π, configurations, B(M1) / B(E2). Euroball IV and Diamant arrays. JOUR PRVCA 71 064302
^{102}Cd	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211

A=103

^{103}Ru	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
^{103}Rh	2005BRZV	NUCLEAR REACTIONS ^{103}Rh(n, n), (n, γ), E=0.01-1000 eV; measured capture and transmission σ. ^{103}Rh deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P953
^{103}Pd	2005SKZZ	NUCLEAR REACTIONS ^{100}Ru(α, n), E=12-25 MeV; ^{101}Ru(α, 2n), E=15-25 MeV; ^{101}Ru(^{3}He, n), E=15-34 MeV; ^{102}Ru(^{3}He, 2n), E=15-34 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1634

A=103 *(continued)*

^{103}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{103}In	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211
^{103}Sn	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211

A=104

^{104}Rh	2005BRZV	NUCLEAR REACTIONS ^{103}Rh(n, n), (n, γ), E=0.01-1000 eV; measured capture and transmission σ. ^{103}Rh deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P953
^{104}Cd	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{104}Sn	2005LIZY	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu

A=105

^{105}Ru	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{105}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961

A=105 *(continued)*

^{105}Cd	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{105}Sb	2005LIZY	NUCLEAR REACTIONS ^{50}Cr(^{58}Ni, 2np), E=222, 255 MeV; measured delayed Ep. ^{105}Sb deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu
	2005LIZY	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu

A=106

^{106}Pd	2004BRZV	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ lower limit. REPT JINR-P6-2004-219,Brudanin
	2005BRZX	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ limit. Modane underground laboratory. CONF St Petersburg,P299,Brudanin
^{106}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{106}Cd	2004BRZV	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ lower limit. REPT JINR-P6-2004-219,Brudanin
	2005BRZX	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ limit. Modane underground laboratory. CONF St Petersburg,P299,Brudanin
	2005GY03	NUCLEAR REACTIONS ^{106}Cd(α, γ), E=8-12.5 MeV; measured Eγ, Iγ, σ. ^{106}Cd(α, α), E $\approx$ 15, 17, 19 MeV; measured $\sigma(\theta)$. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 517c
	2005SI23	NUCLEAR REACTIONS ^{62}Ni(^{48}Ca, 4n), E=183, 207 MeV; ^{96}Zr(^{16}O, 4n), E=72 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{106,108}Cd deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Gammasphere array. JOUR PRVCA 72 024318
^{106}Sn	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
^{106}Sb	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik

A=107

^{107}Mo	2005UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{107}Mo deduced high-spin levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 72 027302

A=107 *(continued)*

^{107}In	2005IDZY	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{107}In deduced rotational band, configurations. Jurosphere array, recoil separator, total Routhian surface calculations. REPT CNS-REP-66,P19,Ideguchi
^{107}Sn	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
^{107}Sb	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik

A=108

^{108}Cd	2005SI23	NUCLEAR REACTIONS ^{62}Ni(^{48}Ca, 4n), E=183, 207 MeV; ^{96}Zr(^{16}O, 4n), E=72 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{106,108}Cd deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Gammasphere array. JOUR PRVCA 72 024318

A=109

No references found

A=110

^{110}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{110}Sn	2005GY03	NUCLEAR REACTIONS ^{106}Cd(α, γ), E=8-12.5 MeV; measured Eγ, Iγ, σ. ^{106}Cd(α, α), E $\approx$ 15, 17, 19 MeV; measured $\sigma(\theta)$. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 517c
	2005GYZY	NUCLEAR REACTIONS ^{106}Cd(α, γ), E(cm) $\approx$ 8-12 MeV; measured capture σ. Activation technique, comparison with model predictions. REPT ATOMKI 2004 Annual,P19,Gyurky

A=111

^{111}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961

A=111 *(continued)*

^{111}Cd	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E ≈ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{111}In	2005BAZR	NUCLEAR REACTIONS ^{107}Ag(α, γ), E=7.8-11.9 MeV; ^{48}Ti(α, n), E ≈ 6.5-11.5 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1370
	2005TAZS	NUCLEAR REACTIONS Sn, Cd(p, X)^{111}In / ^{114m}In, E=10-80 MeV; measured excitation functions; deduced integral yields. Comparison with model predictions and previous work. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1662
^{111}Sb	2005SH24	RADIOACTIVITY ^{111}Te(β^+), (EC) [from ^{58}Ni(^{56}Fe, n2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{111}Sb deduced levels, J, π. Mass separator, comparisons with shell-model predictions and level systematics in neighboring isotopes. JOUR PRVCA 71 064323
^{111}Te	2005SH24	RADIOACTIVITY ^{111}Te(β^+), (EC) [from ^{58}Ni(^{56}Fe, n2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{111}Sb deduced levels, J, π. Mass separator, comparisons with shell-model predictions and level systematics in neighboring isotopes. JOUR PRVCA 71 064323

A=112

^{112}Ag	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E ≈ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{112}Sn	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802

A=113

^{113}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
^{113}Cd	2005GOZX	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors. PREPRINT nucl-ex/0508016,08/12/2005
^{113}In	2005GOZX	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors. PREPRINT nucl-ex/0508016,08/12/2005

A=114

^{114}In	2005TAZS	NUCLEAR REACTIONS Sn, Cd(p, X)^{111}In / ^{114m}In, E=10-80 MeV; measured excitation functions; deduced integral yields. Comparison with model predictions and previous work. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1662
^{114}Te	2005MO20	NUCLEAR REACTIONS ^{93}Nb(^{24}Mg, 2np), E=90 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{114}Te deduced levels, J, π, $T_{1/2}$, B(E2). Recoil-distance technique. Comparison with model predictions and level systematics in neighboring nuclides. JOUR PRVCA 71 064324

A=115

^{115}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
^{115}Cd	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{115}In	2005CAZW	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio, partial $T_{1/2}$, and Q-value for decay to first excited state. ^{115}Sn deduced level energy. Implications for neutrino mass limits discussed. PREPRINT nucl-ex/0509020,9/15/2005
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{115}Sn	2005CAZW	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio, partial $T_{1/2}$, and Q-value for decay to first excited state. ^{115}Sn deduced level energy. Implications for neutrino mass limits discussed. PREPRINT nucl-ex/0509020,9/15/2005

A=116

^{116}Te	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802

A=117

^{117}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
^{117}Sn	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky

A=118

No references found

A=119

^{119}Rh	2005MO30	RADIOACTIVITY ^{119}Rh(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. JOUR NUPAB 758 643c
^{119}Pd	2005MO30	RADIOACTIVITY ^{119}Rh(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. JOUR NUPAB 758 643c

A=120

^{120}Sb	2005BIZZ	NUCLEAR REACTIONS ^{81}Br, ^{121}Sb(γ, n), E=9-18 MeV; measured isomer production σ. Microtron. CONF St Petersburg,P214,Bigan
^{120}I	2003MOZS	NUCLEAR REACTIONS ^{118}Sn(^{6}Li, 4n), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{120}I deduced high-spin levels, J, π, configurations, B(M1) / B(E2). REPT ANU-P/1564 2002 Annual,P11,Moon
^{120}Ce	2005RO19	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(^{36}Ar, 6np)]; measured Ep, $T_{1/2}$. ^{121}Pr deduced ground-state J, deformation. Comparison with previous results. JOUR PRLTA 95 032502

A=121

^{121}Pr	2005RO19	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(^{36}Ar, 6np)]; measured Ep, $T_{1/2}$. ^{121}Pr deduced ground-state J, deformation. Comparison with previous results. JOUR PRLTA 95 032502

A=122

^{122}Te	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c
^{122}I	2003MOZR	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, 5n), E=58 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}I deduced high-spin levels, J, π. Level systematics in neighboring isotopes discussed. REPT ANU-P/1564 2002 Annual,P13,Moon

A=122 *(continued)*

	2004MOZT	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, 5n), E=58 MeV; measured not given. ^{122}I deduced levels, J, π. PC C B Moon,2/24/2004
^{122}Ce	2005SM07	NUCLEAR REACTIONS ^{64}Zn(^{64}Zn, 2nα), E=260 MeV; measured Eγ, Iγ, $\gamma\gamma$-, nγ-, (charged particle)γ-, (recoil)γ-coin. ^{122}Ce deduced levels, J, π, rotational band, angular distribution ratios, transition multipolarities, quadrupole deformation parameter. Microball and Gammasphere arrays, comparison with Woods-Saxon cranking predictions. JOUR PYLBB 625 203

A=123

^{123}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=124

^{124}Sn	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802
^{124}I	2003MOZQ	NUCLEAR REACTIONS ^{122}Sn(^{7}Li, 5n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}I deduced high-spin levels, J, π, configurations. REPT ANU-P/1564 2002 Annual,P15,Moon
	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=125

^{125}Sn	2005TH09	NUCLEAR REACTIONS ^{2}H(^{84}Se, p), (^{124}Sn, p), E=4.5 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{85}Se, ^{125}Sn deduced levels, J, π. JOUR NUPAB 758 663c
^{125}Te	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky

A=126

^{126}I	2003MOZP	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 5n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}I deduced high-spin levels, J, π, configurations. REPT ANU-P/1564 2002 Annual,P17,Moon
	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=127

^{127}Ce	2003WIZU	NUCLEAR REACTIONS ^{106}Cd(^{24}Mg, n2p), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{127}Ce deduced high-spin levels, J, π. REPT ANU-P/1564 2002 Annual,P18,Wilson

A=128

^{128}Sb	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=129

^{129}Sb	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{129}I	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
^{129}Xe	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510

A=130

^{130}Sn	2005AD29	NUCLEAR REACTIONS Be(^{238}U, X), E not given; measured fragment yields. ^{12}C, ^{208}Pb(^{130}Sn, nX), (^{132}Sn, nX), E ≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced Coulomb dissociation σ(E). ^{130,132}Sn deduced dipole strength distributions, pygmy and giant dipole resonance parameters. JOUR PRLTA 95 132501
	2005ADZX	NUCLEAR REACTIONS Pb(^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), E* ≈ 5-30 MeV; measured Σ(E) following projectile Coulomb excitation. ^{130,132}Sn(γ, nX), E* ≈ 5-30 MeV; deduced photo-neutron σ. ^{130,132}Sn deduced pygmy and GDR energies. REPT GSI 2005-1,P94,Adrich
^{130}Sb	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{130}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005BEZV	NUCLEAR REACTIONS ^{99}Tc, ^{129}I(n, γ), E=cold; measured Eγ, Iγ; deduced thermal capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744
	2005BEZV	RADIOACTIVITY ^{130,130m}I(β^-) [from ^{129}I(n, γ)]; measured Eγ, Iγ, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E ≈ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{130}Xe	2005BEZV	RADIOACTIVITY ^{130,130m}I(β^-) [from ^{129}I(n, γ)]; measured Eγ, Iγ, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744

A=131

^{131}Te	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641

A=131 *(continued)*

^{131}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775

A=132

^{132}Sn	2005AD29	NUCLEAR REACTIONS Be(^{238}U, X), E not given; measured fragment yields. ^{12}C, ^{208}Pb(^{130}Sn, nX), (^{132}Sn, nX), E $\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced Coulomb dissociation σ(E). ^{130,132}Sn deduced dipole strength distributions, pygmy and giant dipole resonance parameters. JOUR PRLTA 95 132501
	2005ADZX	NUCLEAR REACTIONS Pb(^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), E* $\approx$ 5-30 MeV; measured Σ(E) following projectile Coulomb excitation. ^{130,132}Sn(γ, nX), E* $\approx$ 5-30 MeV; deduced photo-neutron σ. ^{130,132}Sn deduced pygmy and GDR energies. REPT GSI 2005-1,P94,Adrich
^{132}Sb	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{132}Te	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{132}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{132}Xe	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510

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

^{132}La	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775

A=133

^{133}Te	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{133}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{133}La	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775

A=134

^{134}Sn	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
^{134}Sb	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
^{134}I	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{134}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547

A=135

^{135}Sn	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
	2005SH36	RADIOACTIVITY ^{135}Sn(β^-) [from U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Sb deduced levels, J, π. Resonance ionization, mass separator. Comparisons with shell-model predictions. JOUR PRVCA 72 024305
^{135}Sb	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
	2005SH36	RADIOACTIVITY ^{135}Sn(β^-) [from U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Sb deduced levels, J, π. Resonance ionization, mass separator. Comparisons with shell-model predictions. JOUR PRVCA 72 024305
^{135}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005GAZW	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{243}Am, ^{248}Cm(γ, F)^{135m}Xe / ^{135}Xe / ^{135}I, E=25 MeV bremsstrahlung; measured yield ratios. Microtron, gas flow transport. CONF St Petersburg,P66,Gangrsky
^{135}Xe	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GAZW	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{243}Am, ^{248}Cm(γ, F)^{135m}Xe / ^{135}Xe / ^{135}I, E=25 MeV bremsstrahlung; measured yield ratios. Microtron, gas flow transport. CONF St Petersburg,P66,Gangrsky

A=135 *(continued)*

^{135}Cs	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{135}Ce	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=136

^{136}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547

A=137

^{137}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{137}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{137}Ce	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{137}Pr	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=138

^{138}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{138}Pr	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{138}Nd	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=139

^{139}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
^{139}La	2005SK04	NUCLEAR REACTIONS ^{131}Xe, ^{139}La(n, n), E=low; measured neutron transmission spectra through polarized targets. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 471
^{139}Ce	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{139}Pr	2005YU06	NUCLEAR REACTIONS ^{130}Te(^{14}N, 4n), (^{14}N, 5n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ-ray excitation functions. ^{140}Pr deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 1873
^{139}Nd	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=140

^{140}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44

A=140 *(continued)*

^{140}Ba	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{140}La	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{140}Pr	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
	2005YU06	NUCLEAR REACTIONS ^{130}Te(^{14}N, 4n), (^{14}N, 5n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ-ray excitation functions. ^{140}Pr deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 1873
^{140}Nd	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631

A=141

^{141}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44

A=142

^{142}Xe	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44

A=143

^{143}Ce	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{143}Gd	2005BA64	NUCLEAR MOMENTS ^{143m,145,145m}Gd; measured isotope shifts, hfs; deduced radii, μ. Laser spectroscopy. JOUR PRVCA 72 017301

A=144

No references found

A=145

^{145}Gd	2005BA64	NUCLEAR MOMENTS ^{143m,145,145m}Gd; measured isotope shifts, hfs; deduced radii, μ. Laser spectroscopy. JOUR PRVCA 72 017301

A=146

No references found

A=147

^{147}Nd	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547

A=148

No references found

A=149

No references found

A=150

No references found

A=151

No references found

A=152

^{152}Sm	2005MA73	NUCLEAR REACTIONS ^{151}Sm(n, γ), E $\approx$ 0-1 MeV; measured capture σ. Astrophysical implication discussed. JOUR NUPAB 758 533c
^{152}Gd	2005WA23	NUCLEAR REACTIONS ^{148}Nd(^{9}Be, 5n), E=42, 45, 48, 52, 55 MeV; measured Eγ, Iγ; deduced excitation function. ^{148}Nd(^{9}Be, 5n), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Gd deduced high-spin levels, J, π, configuration, quadrupole deformation. Total Routhian surface calculations. JOUR PRVCA 72 024317

A=153

No references found

A=154

^{154}Sm	2005DEZV	NUCLEAR REACTIONS ^{154}Sm(n, n'γ)E=reactor; measured Eγ, I$\gamma(\theta)$. ^{154}Sm deduced levels, δ, configurations. Reactor. CONF St Petersburg,P53,Demidov
^{154}Eu	2005KUZX	RADIOACTIVITY ^{154}Eu(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{154}Gd deduced transition intensities. Application as relative efficiency calibration source discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P830
^{154}Gd	2005BEZU	NUCLEAR REACTIONS ^{157}Gd(^{3}He, α), (^{3}He, 2nα), (^{3}He, n^{3}He), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{236,238}U(d, pF), (d, d'F), E=24, 32 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced fission probability ratios. Surrogate reactions, Gammasphere and STARS arrays. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P890
	2005KUZX	RADIOACTIVITY ^{154}Eu(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{154}Gd deduced transition intensities. Application as relative efficiency calibration source discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P830

A=155

No references found

A=156

^{156}Gd	2005BEZU	NUCLEAR REACTIONS ^{157}Gd(^{3}He, α), (^{3}He, 2nα), (^{3}He, n^{3}He), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{236,238}U(d, pF), (d, d'F), E=24, 32 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced fission probability ratios. Surrogate reactions, Gammasphere and STARS arrays. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P890
^{156}Ho	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{156}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov

A=157

No references found

A=158

^{158}Ho	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{158}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov

A=159

^{159}Pm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{159}Sm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302

A=160

^{160}Ho	2005KAZX	RADIOACTIVITY ^{160m}Ho(IT); measured $\gamma\gamma$-coin, $T_{1/2}$. YASNAPP setup. CONF St Petersburg,P72,Kalinnikov
	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{160}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov

A=160 *(continued)*

	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301
^{160}Tm	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301
^{160}Yb	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301

A=161

No references found

A=162

^{162}Sm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{162}Eu	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302

A=163

No references found

A=164

No references found

A=165

^{165}Dy	2005KA33	NUCLEAR REACTIONS ^{164}Dy(n, γ), E=thermal; measured capture σ, resonance integral. Activation method. JOUR NIMAE 550 626

A=166

^{166}Gd	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{166}Tb	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{166}Dy	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302

A=167

No references found

A=168

No references found

A=169

^{169}Tm	2005ALZX	NUCLEAR REACTIONS ^{169}Tm(n, n), (n, n'), E=600 MeV; measured En, $\sigma(\theta)$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1054

A=170

No references found

A=171

^{171}Os	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=172

No references found

A=173

^{173}Lu	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{173}Au	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=174

^{174}Yb	2005GR22	NUCLEAR REACTIONS ^{173}Yb(n, γ), E=resonance; measured Eγ, Iγ. ^{174}Yb deduced levels, J, π, transition intensities and multipolarities, resonance features. Radiative capture, average resonance capture, neutron filtered beams, pair spectrometer. JOUR NUPAB 757 287
^{174}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949

A=175

^{175}Pt	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
^{175}Au	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=176

^{176}Lu	2005HE19	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectra. ^{138}Ba, ^{139}La, ^{175}Lu(n, γ), E=spectrum; measured σ. JOUR NUPAB 758 529c

A=176 *(continued)*

^{176}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
^{176}Os	2005WA25	RADIOACTIVITY ^{176,176m}Ir(β^+), (EC) [from ^{146}Nd(^{35}Cl, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{176}Os deduced levels, J, π. ^{176}Ir deduced low-spin isomeric state. JOUR CPLEE 22 2211
^{176}Ir	2005WA25	RADIOACTIVITY ^{176,176m}Ir(β^+), (EC) [from ^{146}Nd(^{35}Cl, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{176}Os deduced levels, J, π. ^{176}Ir deduced low-spin isomeric state. JOUR CPLEE 22 2211

A=177

^{177}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{177}Au	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894
^{177}Hg	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=178

^{178}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315

A=179

^{179}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{179}Hg	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894
	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=180

^{180}Hf	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315

A=181

^{181}Hf	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{181}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{181}Pb	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=182

^{182}Hf	2005VO17	RADIOACTIVITY ^{182}Hf(β^-); measured $T_{1/2}$. New accelerator mass spectrometry measurement discussed. JOUR NUPAB 758 340c
^{182}Ta	2005VO17	RADIOACTIVITY ^{182}Hf(β^-); measured $T_{1/2}$. New accelerator mass spectrometry measurement discussed. JOUR NUPAB 758 340c
^{182}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{182}Pb	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=183

^{183}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{183}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
^{183}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=184

^{184}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{184}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
^{184}Au	2005SA40	RADIOACTIVITY ^{184}Hg(β^+), (EC) [from Pb(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce); deduced log ft. ^{184}Au deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR ZAANE 25 5
^{184}Hg	2005SA40	RADIOACTIVITY ^{184}Hg(β^+), (EC) [from Pb(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce); deduced log ft. ^{184}Au deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR ZAANE 25 5
^{184}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{184}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=185

^{185}Re	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301

A=185 *(continued)*

^{185}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
^{185}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{185}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=186

^{186}Re	2005ALZY	NUCLEAR REACTIONS ^{186}W(d, 2n), E=12.8-5.9 MeV; measured yields. Stacked foil activation. CONF St Petersburg,P181,Alekseev
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{186}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023

A=186 *(continued)*

^{186}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005PA42	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=355 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186}Pb deduced levels, J, π, oblate deformation. Jurogam array, recoil-decay tagging, interacting boson model calculations. JOUR PRVCA 72 011304
^{186}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{186}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=187

^{187}W	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301
^{187}Re	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301
^{187}Os	2005AB22	NUCLEAR REACTIONS ^{186,187}Os(n, γ), E $\approx$ 1-1000 keV; measured capture σ. Astrophysical implications discussed. JOUR NUPAB 758 501c
	2005MOZV	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335
	2005SE19	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c
	2005SH37	NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E=7.3-10.9 MeV; measured σ. ^{185}W, ^{186}Re, ^{187}Os(n, γ), E < 100 keV; calculated capture σ. Astrophysical implications discussed. JOUR PRVCA 72 025808
	2005SH41	NUCLEAR REACTIONS ^{188}Os(γ, n), E=8-11 MeV; measured σ; deduced parameters. ^{187}Os(n, γ), E=5-50 keV; calculated capture σ. Astrophysical implications discussed. JOUR NUPAB 758 561c
	2005SHZX	NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E $\approx$ 7.3-10.9 MeV; measured σ; deduced parameters. Hauser-Feshbach model, implications for cosmochronology discussed. PREPRINT nucl-ex/0506027,6/30/2005
^{187}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023

A=187 *(continued)*

^{187}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{187}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{187}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=188

^{188}Os	2005AB22	NUCLEAR REACTIONS ^{186,187}Os(n, γ), E $\approx$ 1-1000 keV; measured capture σ. Astrophysical implications discussed. JOUR NUPAB 758 501c
	2005MOZV	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335
	2005SE19	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c
	2005SH37	NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E=7.3-10.9 MeV; measured σ. ^{185}W, ^{186}Re, ^{187}Os(n, γ), E < 100 keV; calculated capture σ. Astrophysical implications discussed. JOUR PRVCA 72 025808
	2005SH41	NUCLEAR REACTIONS ^{188}Os(γ, n), E=8-11 MeV; measured σ; deduced parameters. ^{187}Os(n, γ), E=5-50 keV; calculated capture σ. Astrophysical implications discussed. JOUR NUPAB 758 561c
^{188}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{188}Pt	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{188}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=188 *(continued)*

^{188}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

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^{189}Os	2005MOZV	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335
	2005SE19	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c
^{189}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{189}Pt	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{189}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=189 *(continued)*

^{189}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=190

^{190}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{190}Pt	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon

A=190 *(continued)*

^{190}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{190}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=191

^{191}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
^{191}Pt	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{191}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=191 *(continued)*

^{191}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

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^{192}Ir	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{192}Pt	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{192}Au	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

A=192 *(continued)*

^{192}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{192}At	2005ANZY	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

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^{193}Au	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

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^{194}Ir	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{194}Pt	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{194}Au	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

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^{195}Pt	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{195}Au	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

A=196

^{196}Au	2005DA34	NUCLEAR REACTIONS ^{197}Au(^{12}C, ^{11}C), (^{12}C, ^{13}C), (^{16}O, ^{15}O), (^{16}O, ^{17}O), E ≈ 6-7 MeV / nucleon; measured yield ratios, high spin yield fraction; deduced reaction mechanism features. Radiochemical and off-line spectrometric techniques. JOUR JRNCD 266 79
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{196}Hg	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon

A=197

^{197}Pt	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{197}Au	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005FO06	NUCLEAR REACTIONS ^{197}Au(n, n'γ), E ≈ 2-12 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{197}Au deduced levels, J, π, configurations. JOUR PRVCA 71 064314
	2005GA22	NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
	2005IMZZ	NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=40.3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{12}Be deduced transition. REPT RIKEN 2004 Annual,P41,Imai
	2005SMZX	NUCLEAR REACTIONS ^{197}Au(n, n), E=0.3-10 MeV; measured $\sigma(\theta)$. ^{197}Au(n, X), E ≈ 0-15 MeV; analyzed total σ. Optical-statistical and coupled-channels model analysis. REPT ANL/NDM-161,Smith
^{197}Bi	2005MA51	NUCLEAR REACTIONS ^{181}Ta(^{22}Ne, 6n), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{197}Bi deduced high-spin levels, J, π, configurations, shears band. Afrodite array, total Routhian surface calculations. JOUR ZAANE 25 49

A=198

^{198}Au	2005DA34	NUCLEAR REACTIONS ^{197}Au(^{12}C, ^{11}C), (^{12}C, ^{13}C), (^{16}O, ^{15}O), (^{16}O, ^{17}O), E ≈ 6-7 MeV / nucleon; measured yield ratios, high spin yield fraction; deduced reaction mechanism features. Radiochemical and off-line spectrometric techniques. JOUR JRNCD 266 79
	2005MIZX	NUCLEAR REACTIONS ^{23}Na, ^{27}Al, ^{51}V, ^{55}Mn, ^{64}Ni, ^{65}Cu, ^{141}Pr, ^{186}W, ^{197}Au(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ; deduced capture σ. Reliability of prompt γ-ray method discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P996

A=198 *(continued)*

	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{198}Hg	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon

A=199

^{199}Hg	2005BIZY	NUCLEAR REACTIONS ^{113}In, ^{195}Pt, ^{199}Hg(γ, γ'), E=4-12 MeV; measured isomer production σ. Microtron. CONF St Petersburg,P215,Bigan
	2005HO16	NUCLEAR REACTIONS ^{200}Hg(γ, n), E ≈ 10-17 MeV; ^{199}Hg(γ, γ'), E ≈ 4-10 MeV; measured isomer excitation σ. Comparison with cascade-evaporation model predictions. JOUR UKPJA 50 649
^{199}Tl	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005

A=200

^{200}Tl	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{200}Pb	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861

A=201

No references found

A=202

No references found

A=203

^{203}Pb	2005GA40	NUCLEAR REACTIONS ^{190,192,198}Pt, ^{196,198,204}Hg, ^{204}Pb(γ, n), E=spectrum; measured reaction rates. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 521c
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{203}Bi	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555

A=204

^{204}Bi	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555

A=205

^{205}Tl	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{205}Pb	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

A=205 *(continued)*

^{205}Bi	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

A=206

^{206}Tl	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{206}Pb	2005PAZW	NUCLEAR REACTIONS ^{207}Pb(n, 2n), E < 20 MeV; ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, Iγ. ^{207}Pb(n, 2n), E=8-24 MeV; calculated σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P876
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{206}Bi	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555

A=207

^{207}Tl	2005BOZU	RADIOACTIVITY ^{207,207m}Tl(β^-); measured ground-state and isomer decay $T_{1/2}$ of fully-stripped ion. Time-resolved Schottky mass spectrometry. REPT GSI 2005-1,P81,Boutin
	2005OH08	RADIOACTIVITY ^{207}Tl(β^-) [from Be(^{208}Pb, X)]; measured ratio of bound-state and continuum-state decay rates for β-decay of bare ions. Comparison with model predictions. JOUR PRLTA 95 052501
^{207}Pb	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
	2005BOZU	RADIOACTIVITY ^{207,207m}Tl(β^-); measured ground-state and isomer decay $T_{1/2}$ of fully-stripped ion. Time-resolved Schottky mass spectrometry. REPT GSI 2005-1,P81,Boutin
	2005BOZV	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1539

A=207 *(continued)*

	2005OH08	RADIOACTIVITY ^{207}Tl(β^-) [from Be(^{208}Pb, X)]; measured ratio of bound-state and continuum-state decay rates for β-decay of bare ions. Comparison with model predictions. JOUR PRLTA 95 052501
	2005SHZU	NUCLEAR REACTIONS ^{79}Br, ^{90}Zr, ^{197}Au, ^{207}Pb(n, n'), E=2.54, 3.1 MeV; measured isomer activation σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P992
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
	2005WA22	NUCLEAR MOMENTS ^{207}Pb; measured hfs. Comparison with previous results and model predictions. JOUR PHSTB 72 200
^{207}Bi	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

A=208

^{208}Tl	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
	2005VAZZ	RADIOACTIVITY ^{208}Tl(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Pb deduced transition intensities. CONF St Petersburg,P320,Brudanin
^{208}Pb	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru
	2005HIZY	NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured σ, $\sigma(\theta)$. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P853
	2005KAZZ	NUCLEAR REACTIONS ^{197}Au, ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; measured $\sigma(\theta)$; deduced diffuseness parameters, long-range absorption mechanisms. Optical model. PREPRINT nucl-ex/0507024,7/18/2005
	2005SCZX	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. PREPRINT nucl-ex/0508014,08/11/2005
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
	2005VAZZ	RADIOACTIVITY ^{208}Tl(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Pb deduced transition intensities. CONF St Petersburg,P320,Brudanin

A=208 *(continued)*

	2005YA17	NUCLEAR REACTIONS ^{208}Pb(^{7}Li, ^{7}Li'), E=150 MeV; measured particle spectra, σ(E, θ). ^{208}Pb deduced giant resonance features. JOUR JUPSA 74 2640
^{208}Bi	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

A=209

^{209}Pb	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{209}Bi	2005MIZY	NUCLEAR REACTIONS ^{209}Bi(n, n'γ), E=threshold-18 MeV; measured γ-ray production σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P973
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{209}Rn	2005KUZV	RADIOACTIVITY ^{213}Ra(α) [from ^{170}Er(^{50}Ti, X)]; measured Eγ, Eα, $\alpha\gamma$-coin. ^{209}Rn deduced levels, J, π, ICC. REPT GSI 2005-1,P76,Kuusiniemi

A=210

^{210}Bi	2005BO27	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=cold; measured Eγ, Iγ, capture σ. JOUR JRNCD 265 267
	2005BOZW	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=thermal; measured total capture σ, partial σ for capture to ground and isomeric states. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P648
	2005DOZY	NUCLEAR REACTIONS ^{207}Pb, ^{209}Bi(n, γ), E=0-1 MeV; measured capture σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1521
^{210}Po	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957
^{210}At	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957

A=211

^{211}At	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957

A=212

^{212}Pb	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
^{212}Bi	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
^{212}Po	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367

A=213

^{213}Ra	2005KUZV	RADIOACTIVITY ^{213}Ra(α) [from ^{170}Er(^{50}Ti, X)]; measured Eγ, Eα, $\alpha\gamma$-coin. ^{209}Rn deduced levels, J, π, ICC. REPT GSI 2005-1,P76,Kuusiniemi

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

^{220}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{220}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=221

^{221}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{221}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=222

^{222}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{222}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=223

^{223}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{223}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=223 ***(continued)***

^{223}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=224

^{224}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{224}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=225

^{225}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{225}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=226

^{226}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=227

^{227}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{227}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=228

^{228}Th	2005PAZW	NUCLEAR REACTIONS ^{207}Pb(n, 2n), E < 20 MeV; ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, Iγ. ^{207}Pb(n, 2n), E=8-24 MeV; calculated σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P876

A=229

^{229}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{229}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=230

^{230}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{230}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{230}Th	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=231

^{231}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{231}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{231}Th	2005GA36	RADIOACTIVITY ^{235}U(α); measured Eα, Iα; deduced emission probabilities. JOUR NIMAE 550 581

A=231 *(continued)*

2005LIZZ ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=232

^{232}U 2005LIZZ ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=233

^{233}Th 2005AEZZ NUCLEAR REACTIONS ^{232}Th(n, γ), E=0-1 MeV; measured capture σ; deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1470

2005MAZO NUCLEAR REACTIONS ^{232}Th(n, γ), E=thermal; measured capture σ. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1466

A=234

^{234}Th 2005CHZT NUCLEAR REACTIONS ^{233}Th(n, γ), E=thermal; measured Eγ, Iγ; deduced effective σ, resonance integral. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P664

A=235

^{235}U 2005GA36 RADIOACTIVITY ^{235}U(α); measured Eα, Iα; deduced emission probabilities. JOUR NIMAE 550 581

A=236

^{236}Pu 2005QIZZ RADIOACTIVITY ^{240}Cm(α) [from ^{232}Th(^{12}C, 4n)]; measured Eα. REPT GSI 2005-1,P75,Qin

A=237

No references found

A=238

^{238}Np	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005ESZZ	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P989
	2005SHZT	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured capture σ; deduced resonance integral. Comparisons with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1007

A=239

No references found

A=240

^{240}U	2005IS07	NUCLEAR REACTIONS ^{238}U(^{18}O, ^{16}O), E=200 MeV; measured Eγ, Iγ, (particle)γ-coin, γ-ray anisotropy. ^{240}U deduced levels, J, π, rotational bands, octupole correlations. JOUR PRVCA 72 021301
^{240}Pu	2005GRZY	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, γ), (n, F), E=2-2150 eV; measured γ-ray multiplicities; deduced σ ratio, Doppler effect. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P928
^{240}Cm	2005QIZZ	RADIOACTIVITY ^{240}Cm(α) [from ^{232}Th(^{12}C, 4n)]; measured Eα. REPT GSI 2005-1,P75,Qin

A=241

^{241}Pu	2005CAZX	NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=0-300 keV; measured capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1442

A=242

^{242}Am	2005OHZY	NUCLEAR REACTIONS ^{241}Am(n, γ), E=fast; measured isomer production ratio. ^{237}Np, ^{241,243}Am, ^{244}Cm(n, X), E=fast; measured residual isotopes yield ratios following reactor irradiation. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P472

A=243

No references found

A=244

^{244}Cm	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613

A=245

No references found

A=246

No references found

A=247

^{247}Fm	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=248

^{248}Cm	2005GA25	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ; deduced ^{138,139,140,141,142}Xe fission fragment yields. JOUR FECLA 125 44
	2005UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{107}Mo deduced high-spin levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 72 027302
	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613
^{248}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977

A=249

^{249}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977

A=250

^{250}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977

A=251

^{251}Fm	2005HEZU	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n) and ^{209}Bi(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, configurations. REPT GSI 2005-1,P73,Hessberger
^{251}No	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=252

^{252}Cf	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
	2005HAZQ	RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra, fission fragment mass distribution. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P644
	2005SIZY	RADIOACTIVITY ^{252}Cf(SF); measured neutron leakage spectrum from uranium sphere. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P67
	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613

A=253

^{253}Fm	2005AS05	RADIOACTIVITY ^{257}No(α) [from ^{248}Cm(^{13}C, 4n)]; measured Eγ, Eα, E(ce), $\alpha\gamma$-, (ce)α-coin; deduced branching ratios. ^{253}Fm deduced levels, J, π, ICC, configurations. ^{257}No deduced ground-state J, π, configuration. JOUR PRLTA 95 102502

A=253 *(continued)*

^{253}No	2005RE14	NUCLEAR REACTIONS ^{207}Pb(^{48}Ca, 2n), E=219 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{253}No deduced high-spin levels, J, π, configurations. Gammasphere array, fragment separator. JOUR PRLTA 95 032501

A=254

No references found

A=255

^{255}No	2005HEZU	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n) and ^{209}Bi(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, configurations. REPT GSI 2005-1,P73,Hessberger
^{255}Rf	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=256

No references found

A=257

^{257}No	2005AS05	RADIOACTIVITY ^{257}No(α) [from ^{248}Cm(^{13}C, 4n)]; measured Eγ, Eα, E(ce), $\alpha\gamma$-, (ce)α-coin; deduced branching ratios. ^{253}Fm deduced levels, J, π, ICC, configurations. ^{257}No deduced ground-state J, π, configuration. JOUR PRLTA 95 102502
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=258

No references found

A=259

No references found

A=260

No references found

A=261

^{261}Rf	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=262

^{262}Db	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=263

No references found

A=264

No references found

A=265

^{265}Sg	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=266

^{266}Bh	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=267

No references found

A=268

No references found

A=269

^{269}Hs 2005MOZT RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=270

^{270}Mt 2005MOZS RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=271

No references found

A=272

No references found

A=273

^{273}Ds 2005MOZT RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=274

^{274}Rg 2005MOZS RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=275

No references found

A=276

No references found

A=277

^{277}112	2005MOZT	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. REPT RIKEN 2004 Annual,P69,Morita
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=278

^{278}113	2005MOZS	NUCLEAR REACTIONS ^{209}Bi(^{70}Zn, n), E=349.0 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. REPT RIKEN 2004 Annual,P70,Morita
	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=279

No references found

A=280

No references found

A=281

No references found

A=282

No references found

A=283

^{283}112	2005GR19	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), E=230.3, 235.6 MeV; measured σ upper limits; deduced no evidence for ^{283}112. Comparison with previous results. JOUR PRVCA 72 014605

References

2003MOZP C.B.Moon, G.D.Dracoulis, R.A.Bark, A.P.Byrne, P.M.Davidson, A.N.Wilson, A.M.Baxter, T.Kibedi, G.J.Lane, J.C.Hazel, A.M.Bruce, N.Orce Gonzalez, F.Prados-Estevez, H.El-Masri, C.Wheldon, P.M.Walker, R.Wood - Australian National Univ., Dept. of Nuclear Physics 2002 Ann.Rept., p.17 (2003); ANU-P/1564 (2003)
Quasi-collective bands in ^{126}I

2003MOZQ C.B.Moon, G.D.Dracoulis, R.A.Bark, A.P.Byrne, P.M.Davidson, A.N.Wilson, T.Kibedi, G.J.Lane, A.M.Baxter - Australian National Univ., Dept. of Nuclear Physics 2002 Ann.Rept., p.15 (2003); ANU-P/1564 (2003)
Collective bands in ^{124}I

2003MOZR C.B.Moon, G.D.Dracoulis, R.A.Bark, A.P.Byrne, P.M.Davidson, A.N.Wilson, T.Kibedi, G.J.Lane, A.M.Baxter - Australian National Univ., Dept. of Nuclear Physics 2002 Ann.Rept., p.13 (2003); ANU-P/1564 (2003)
The $\pi h_{11/12}$ (x) ν $h_{11/2}$ band in the odd-odd nuclide ^{122}I

2003MOZS C.B.Moon, G.D.Dracoulis, R.A.Bark, A.P.Byrne, P.M.Davidson, A.N.Wilson, T.Kibedi, G.J.Lane - Australian National Univ., Dept. of Nuclear Physics 2002 Ann.Rept., p.11 (2003); ANU-P/1564 (2003)
Candidates for Chiral Bands in ^{120}I

2003WIZU A.N.Wilson, R.A.Bark, P.M.Davidson - Australian National Univ., Dept. of Nuclear Physics 2002 Ann.Rept., p.18 (2003); ANU-P/1564 (2003)
High-spin study of ^{127}Ce

2004BRZV V.B.Brudanin, N.I.Rukhadze, Sh.Brianson, P.Benesh, T.Vylov, N.Gusev, V.Egorov, A.A.Klimenko, V.E.Kovalenko, N.A.Korolev, A.V.Salamatin, V.V.Timkin, P.Cermak, M.V.Shirchenko, Yu.A.Shitov, I.Stekl - JINR-P6-2004-219 (2004)
Searching of Double Electron Capture in the TGV Experiment

2004MOZT C.B.Moon - Priv.Comm. (2004)

2004PEZW O.Perru - IPNO-T-05-02 (2004)
Etude des fermetures de couches N=40 et N=50 dans les noyaux riches en neutrons

2005AB22 U.Abbondanno, for the n_TOF Collaboration - Nucl.Phys. A758, 501c (2005)
Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF

2005AC22 P.Achenbach, for the A1 Collaboration - Eur.Phys.J. A 25, 177 (2005)
Measurement of the Asymmetries in ^{3}(He(pol))(e(pol), e'p)d and ^{3}(He(pol))(e(pol), e'p)np

2005AD29 P.Adrich, A.Klimkiewicz, M.Fallot, K.Boretzky, T.Aumann, D.Cortina-Gil, U.Datta Pramanik, Th.W.Elze, H.Emling, H.Geissel, M.Hellstrom, K.L.Jones, J.V.Kratz, R.Kulessa, Y.Leifels, C.Nociforo, R.Palit, H.Simon, G.Surowka, K.Summerer, W.Walus, and the LAND-FRS Collaboration - Phys.Rev.Lett. 95, 132501 (2005)
Evidence for Pygmy and Giant Dipole Resonances in ^{130}Sn and ^{132}Sn

2005ADZV E.G.Adelberger, O.D.Biesel, A.Garcia, H.E.Swanson, S.Triambak - Univ. Washington Nucl.Phys.Lab., Ann.Rept., 2005, p.59 (2005)
Resonance energies in ^{32}S(p, γ) and calibration of ^{33}Ar beta-delayed spectrum

2005ADZW E.G.Adelberger, A.Garcia, S.A.Hoedl, S.K.L.Sjue, A.L.Sallaska, S.Triambak - Univ. Washington Nucl.Phys.Lab., Ann.Rept., 2005, p.58 (2005)
Mass determination of the lowest T = 2 state in ^{32}S using the ^{31}P(p, γ) reaction

2005ADZX P.Adrich, T.Aumann, K.Boretzky, D.Cortina-Gil, U.Datta Pramanik, Th.W.Elze, H.Emling, M.Fallot, H.Geissel, M.Hellstrom, K.L.Jones, A.Klimkiewicz, J.V.Kratz, R.Kulessa, Y.Leifels, C.Nociforo, R.Palit, H.Simon, G.Surowka, K.Summerer, W.Walus - GSI 2005-1, p.94 (2005)
Pygmy and Giant Dipole Resonances in $^{130-132}$Sn

2005ADZZ J.Adam, A.Balabekyan, R.Brandt, P.Caloun, D.Chultem, V.G.Kalinnikov, K.Katovsky, M.I.Krivopustov, A.Kugler, R.Odoj, A.V.Pavlyuk, V.S.Pronskikh, A.A.Solnyshkin, V.I.Stegailov, S.G.Stetsenko, V.M.Tsoupko-Sitnikov, V.Wagner, W.Westmeier - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.195 (2005)
Yields of Product Nuclei in Radioactive ^{129}I, ^{237}Np, ^{238}Pu and ^{239}Pu Samples Exposed to the Secondary Neutrons of the U / Pb-Assembly of the Setup "Energy Plus Transmutation" Irradiated by 1 GeV Protons from Nuclotron (JINR, Dubna)

2005AEZZ G.Aerts, for the n_TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1470 (2005); AIP Conf.Proc. 769 (2005)
Measurement of the ^{232}Th Neutron Capture Cross Section at the CERN n_TOF Facility

2005AG09 M.Agnello, G.Beer, L.Benussi, M.Bertani, S.Bianco, E.Botta, T.Bressani, L.Busso, D.Calvo, P.Camerini, P.Cerello, B.Dalena, F.De Mori, G.D'Erasmo, D.Di Santo, F.L.Fabbri, D.Faso, A.Feliciello, A.Filippi, V.Filippini, E.M.Fiore, H.Fujioka, P.Gianotti, N.Grion, A.Krasnoperov, V.Lucherini, S.Marcello, T.Maruta, N.Mirfakhrai, O.Morra, A.Olin, E.Pace, M.Palomba, A.Pantaleo, A.Panzarasa, V.Paticchio, S.Piano, F.Pompili, R.Rui, G.Simonetti, H.So, S.Tomassini, R.Wheadon, A.Zenoni - Nucl.Phys. A754, 399c (2005)
First results from the FINUDA experiment at DAΦNE

2005AG11 M.Agnello, and the FINUDA Collaboration - Phys.Lett. B 622, 35 (2005)
First results on $^{12}_{\Lambda}$C production at DAϕNE

2005AH05 J.Ahrens, and the GDH and A2 Collaborations - Phys.Lett. B 624, 173 (2005)
Intermediate resonance excitation in the $\gamma p \rightarrow p\pi^0\pi^0$ reaction

2005AK09 A.Aktas, and the H1 Collaboration - Eur.Phys.J. C 44, 1 (2005)
Measurement of deeply virtual Compton scattering at HERA

2005ALZX A.Alimeti, G.H.R.Kegel, J.J.Egan, D.J.DeSimone, T.M.McKittrick, C.Ji, S.E.Tremblay, C.Roldan, X.Chen, D.S.Kim - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1054 (2005); AIP Conf.Proc. 769 (2005)
Neutron Scattering Cross Section Measurements for ^{169}Tm via the (n, n') Technique

2005ALZY I.E.Alekseev, V.V.Lazarev - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.181 (2005)
The Yields of ^{186}Re in Reaction ^{186}W(d, 2n)

2005ALZZ R.A.Aliev, A.N.Ermakov, B.S.Ishkhanov, I.M.Kapitonov, I.G.Konyukhov, K.Kyaw, I.V.Makarenko, T.N.Mineeva, K.A.Stopani - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.56 (2005)
Excitation of 135.5 keV Isomeric Level of ^{92}Nb Nucleus in Photonuclear Reactions

2005AN15 A.Antusek, K.Jackowski, M.Jaszunski, W.Makulski, M.Wilczek - Chem.Phys.Lett. 411, 111 (2005)
Nuclear magnetic dipole moments from NMR spectra

2005AN17 A.N.Andreyev, D.Ackermann, S.Antalic, I.G.Darby, S.Franchoo, F.P.Hessberger, S.Hofmann, M.Huyse, P.Kuusiniemi, B.Lommel, B.Kindler, R.Mann, G.Munzenberg, R.D.Page, S.Saro, B.Sulignano, B.Streicher, K.Van de Vel, P.Van Duppen, D.R.Wiseman - Phys.Rev. C 72, 014612 (2005)
Cross section systematics for the lightest Bi and Po nuclei produced in complete fusion reactions with heavy ions

2005AN23 C.Angulo, E.Casarejos, A.Coc, T.Davinson, N.Achouri, D.Cortina-Gil, M.Couder, P.Figuera, B.Fulton, J.Kiener, P.Leleux, I.Mukha, A.S.Murphy, A.Ninane, N.Orr, V.Tatischeff, F.Vanderbist - Nucl.Phys. A758, 775c (2005)
Study of ^{7}Be+d reactions for Standard Big Bang Nucleosynthesis

2005ANZY A.N.Andreyev, S.Antalic, D.Ackermann, S.Franchoo, F.P.Hessberger, S.Hofmann, M.Huyse, I.Kojouharov, B.Kindler, P.Kuusiniemi, S.R.Lesher, B.Lommel, R.Mann, G.Munzenberg, K.Nishio, R.D.Page, J.Ressler, B.Streicher, B.Sulignano, P.Van Duppen, D.Wiseman - GSI 2005-1, p.77 (2005)
New isotopes ^{186,187}Po and ^{192}At

2005AR21 D.S.Armstrong, and the G0 Collaboration - Phys.Rev.Lett. 95, 092001 (2005)
Strange-Quark Contributions to Parity-Violating Asymmetries in the Forward G0 Electron-Proton scattering Experiment

2005AS04 N.I.Ashwood, M.Freer, D.J.Millener, N.A.Orr, F.Carstoiu, S.Ahmed, J.C.Angelique, V.Bouchat, W.N.Catford, N.M.Clarke, N.Curtis, F.Hanappe, M.Horoi, Y.Kerckx, J.L.Lecouey, F.M.Marques, T.Materna, G.Normand, S.Pain, N.Soic, C.Timis, A.Unshakova, V.A.Ziman - Phys.Rev. C 72, 024314 (2005)
High-energy two-neutron removal from ^{10}Be

2005AS05 M.Asai, K.Tsukada, M.Sakama, S.Ichikawa, T.Ishii, Y.Nagame, I.Nishinaka, K.Akiyama, A.Osa, Y.Oura, K.Sueki, M.Shibata - Phys.Rev.Lett. 95, 102502 (2005)
Experimental Identification of Spin-Parities and Single-Particle Configurations in ^{257}No and Its α-Decay Daughter ^{253}Fm

2005BA58 S.Baunack, for the A4 Collaboration - Nucl.Phys. A755, 249c (2005)
Single Spin Asymmetries from the Mainz A4 Experiment

2005BA60 A.M.Bakalyarov, A.Ya.Balysh, S.T.Belyaev, V.I.Lebedev, S.V.Zhukov - Part. and Nucl., Lett. 125, 21 (2005)
Results of the Experiment on Investigation of ^{76}Ge Double Beta Decay

2005BA64 A.E.Barzakh, D.V.Fedorov, A.M.Ionan, V.S.Ivanov, F.V.Moroz, K.A.Mezilev, S.Yu.Orlov, V.N.Panteleev, Yu.M.Volkov - Phys.Rev. C 72, 017301 (2005)
Laser spectroscopic studies of ^{145}Gd, ^{145}Gd^m, and ^{143}Gd^m

2005BA82 D.W.Bardayan, J.C.Blackmon, J.Gomez del Campo, R.L.Kozub, J.F.Liang, Z.Ma, L.Sahin, D.Shapira, M.S.Smith - Nucl.Phys. A758, 737c (2005)
New ^{19}Ne Level Observed with a Thick Target ^{18}F(p, p)^{18}F Measurement

2005BAZP H.Baba, S.Shimoura, T.Minemura, Y.U.Matsuyama, A.Saito, H.Akiyoshi, N.Aoi, T.Gomi, Y.Higurashi, K.Ieki, N.Imai, N.Iwasa, H.Iwasaki, S.Kanno, S.Kubono, M.Kunibu, S.Michimasa, T.Motobayashi, T.Nakamura, H.Sakurai, M.Serata, E.Takeshita, S.Takeuchi, T.Teranishi, K.Ue, K.Yamada, Y.Yanagisawa - CNS-REP-66, p.28 (2005)
Isoscalar E0 and E1 Responses in ^{14}O

2005BAZQ H.Baba, S.Shimoura, T.Minemura, Y.U.Matsuyama, A.Saito, H.Akiyoshi, N.Aoi, T.Gomi, Y.Higurashi, K.Ieki, N.Imai, N.Iwasa, H.Iwasaki, S.Kanno, S.Kubono, M.Kunibu, S.Michimasa, T.Motobayashi, T.Nakamura, H.Sakurai, M.Serata, E.Takeshita, S.Takeuchi, T.Teranishi, K.Ue, K.Yamada, Y.Yanagisawa - RIKEN Accelerator Progress Report 2004, p.48 (2005)
Isoscalar electric multipole strength in ^{14}O

2005BAZR C.M.Baglin, E.B.Norman, R.Larimer, G.A.Rech - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1370 (2005); AIP Conf.Proc. 769 (2005)
Measurement of ^{107}Ag(α, γ)^{111}In Cross Sections

2005BAZS M.S.Basunia, E.B.Norman, H.A.Shugart, A.R.Smith, M.J.Dolinski, B.J.Quiter - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1366 (2005); AIP Conf.Proc. 769 (2005)

Measurement of Cross Sections for the ^{63}Cu(α, γ)^{67}Ga Reaction from 5.9-8.7 MeV

2005BAZU M.Baba - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 884 (2005); AIP Conf.Proc. 769 (2005)
Experimental Studies on Particle and Radionuclide Production Cross Sections for Tens of MeV Neutrons and Protons

2005BAZV F.B.Bateman, S.I.Al-Quraishi, C.E.Brient, N.Boukharouba, A.D.Carlson, D.E.Carter, S.M.Grimes, R.C.Haight, T.N.Massey, R.T.Wheeler - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 834 (2005); AIP Conf.Proc. 769 (2005)
Measurement of the H(n, n)H Elastic Scattering Angular Distribution at E_n = 15 MeV

2005BE43 A.C.Betker, S.Chang, E.J.Stephenson, A.D.Bacher, S.M.Bowyer, W.A.Franklin, J.Liu, C.Olmer, D.L.Prout, S.P.Wells, S.W.Wissink, C.Yu, R.A.Lindgren, H.Baghaei, V.Gladyshev, J.A.Carr, S.K.Yoon, F.Petrovich, B.L.Clausen, J.Lisantti - Phys.Rev. C 71, 064607 (2005)
Reaction mechanism for natural parity (p, p') transitions in ^{10}B

2005BEZT T.Belgya, P.Mutti, H.G.Borner, M.Jentschel, G.L.Molnar - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1074 (2005); AIP Conf.Proc. 769 (2005)
Accurate Wavelength Measurement of High-Energy Gamma Rays from the ^{35}Cl(n, γ) Reactions

2005BEZU L.A.Bernstein, J.T.Burke, J.A.Church, L.Ahle, J.R.Cooper, R.D.Hoffman, J.Punyon, A.Schiller, E.Algin, C.Plettner, H.Ai, C.W.Beausang, R.F.Casten, R.Hughes, E.Ricard-McCutchan, D.Meyer, J.J.Ressler, J.A.Caggiano, N.V.Zamfir, H.Amro, A.Heinz, P.Fallon, M.A.McMahan, A.O.Macchiavelli, L.W.Phair - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 890 (2005); AIP Conf.Proc. 769 (2005)
Surrogate Nuclear Reactions using STARS

2005BEZV T.Belgya, G.L.Molnar, Zs.Revay, J.L.Weil - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 744 (2005); AIP Conf.Proc. 769 (2005)
Determination of Thermal Neutron Capture Cross Sections using Cold Neutron Beams

2005BEZW O.A.Bezshyyko, I.M.Kadenko, V.M.Mazur, V.A.Plujko, N.V.Strilchuk, I.M.Vishnevsky, R.V.Yermolenko, V.A.Zheltonozhsky - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 641 (2005); AIP Conf.Proc. 769 (2005)

Mean Angular Momenta of Primary Photofission Products

2005BIZY Z.M.Bigan, V.I.Kirischuk, V.M.Mazur, D.M.Simochko, V.A.Zheltonozhsky - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.215 (2005)
Excitation of ^{113m}In, ^{195m}Pt and ^{199m}Hg Isomers in the Reactions of Inelastic Gamma Scattering

2005BIZZ Z.M.Bigan, V.A.Zheltonozhsky, V.M.Mazur, D.M.Simochko - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.214 (2005)
Cross-Sections of (γ, n) Reaction on ^{81}Br and ^{121}Sb Nuclei

2005BO22 J.-L.Boyard, W.Augustyniak, R.Dahl, M.Drews, C.Ellegaard, L.Farhi, C.Gaarde, T.Hennino, J.A.Jensen, J.-C.Jourdain, M.Kagarlis, R.Kunne, J.S.Larsen, P.Radvanyi, B.Ramstein, M.Roy-Stephan, P.Zupranski - Nucl.Phys. A755, 507c (2005)
Coherent pion production in heavy ion charge exchange reactions

2005BO27 A.Borella, A.Moens, P.Schillebeeckx, R.Van Bijlen, G.L.Molnar, T.Belgya, Zs.Revay, L.Szentmiklosi - J.Radioanal.Nucl.Chem. 265, 267 (2005)
Determination of the ^{209}Bi(n, γ) capture cross section at a cold neutron beam

2005BO35 K.Bodek, G.Ban, M.Beck, A.Bialek, T.Brys, A.Czarnecki, W.Fetscher, P.Gorel, K.Kirch, St.Kistryn, A.Kozela, M.Kuzniak, A.Lindroth, O.Naviliat-Cuncic, J.Pulut, A.Serebrov, N.Severijns, E.Stephan, J.Zejma - J.Res.Natl.Inst.Stand.Technol. 110, 461 (2005)
Search for Time Reversal Violating Effects: R-Correlation Measurement in Neutron Decay

2005BO36 P.Boutachkov, G.V.Rogachev, V.Z.Goldberg, A.Aprahamian, F.D.Becchetti, J.P.Bychowski, Y.Chen, G.Chubarian, P.A.DeYoung, J.J.Kolata, L.O.Lamm, G.F.Peaslee, M.Quinn, B.B.Skorodumov, A.Wohr - Phys.Rev.Lett. 95, 132502 (2005)
Doppler Shift as a Tool for Studies of Isobaric Analog States of Neutron-Rich Nuclei: Application to ^{7}He

2005BOZU D.Boutin, Yu.A.Litvinov, C.Scheidenberger, K.Beckert, P.Beller, F.Bosch, T.Faestermann, B.Franczak, B.Franzke, H.Geissel, E.Kaza, A.Kelic, P.Kienle, O.Klepper, C.Kozhuharov, L.Maier, M.Matos, G.Munzenberg, F.Nolden, Yu.N.Novikov, T.Ohtsubo, W.Plass, M.Portillo, K.-H.Schmidt, J.Stadlmann, M.Steck, H.Weick, M.Winkler, T.Yamaguchi - GSI 2005-1, p.81 (2005)
Study of production and decay of long-lived isomeric states using time-resolved Schottky Mass Spectrometry

2005BOZV A.Borella, A.Brusegan, M.C.Moxon, G.Aerts, F.Gunsing, P.Siegler, P.Schillebeeckx - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1539 (2005); AIP Conf.Proc. 769 (2005)
High-Resolution Neutron Total and Capture Cross-Section Measurements on ^{206}Pb

2005BOZW A.Borella, P.Schillebeeckx, G.Molnar, T.Belgya, Zs.Revay, L.Szentmiklosi, E.Berthoumieux, F.Gunsing, A.Letourneau, F.Marie - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 648 (2005); AIP Conf.Proc. 769 (2005)
The ^{209}Bi(n$_{th}$, γ)^{210}Bi and ^{209}Bi(n$_{th}$, γ)^{210m,g}Bi Cross Sections Determined at the Budapest Neutron Centre

2005BRZU F.Bringas, M.T.Yamashita, I.D.Goldman, P.R.Pascholati, V.Sciani - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1374 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Proton-Induced Reaction Cross Sections in Ti, Ni and Zr near the Threshold

2005BRZV A.Brusegan, E.Berthoumieux, A.Borella, F.Gunsing, M.Moxon, P.Siegler, P.Schillebeeckx - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 953 (2005); AIP Conf.Proc. 769 (2005)
Neutron Capture and Transmission Measurements on ^{103}Rh Down to Thermal Energies

2005BRZX V.B.Brudanin, N.I.Rukhadze, V.G.Egorov, Ch.Briancon, P.Benes, P.Cermak, K.N.Gusev, F.A.Danevich, A.A.Klimenko, V.E.Kovalenko, A.Kovalik, A.V.Salamatin, I.Stekl, V.V.Timkin, V.I.Tretyak, Ts.Vylov - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.299 (2005)
Search for Double Electron Capture of ^{106}Cd in the Experiment TGV-2

2005BU29 A.Burger, and the RISING Collaboration - Phys.Lett. B 622, 29 (2005)
Relativistic Coulomb excitation of neutron-rich ^{54,56,58}Cr: On the pathway of magicity from N = 40 to N = 32

2005BU33 N.Burtebaev, M.K.Baktybaev, B.A.Duisebaev, R.J.Peterson, S.B.Sakuta - Yad.Fiz. 68, 1356 (2005); Phys.Atomic Nuclei 68, 1303 (2005)
Scattering of α Particles on ^{11}B Nuclei at Energies 40 and 50 MeV

2005BY03 J.Byrne - J.Res.Natl.Inst.Stand.Technol. 110, 395 (2005)
Determination of the Electron-Antineutrino Angular Correlation Coefficient a$_0$ in Unpolarized Neutron β-Decay

2005BY04 J.Byrne, R.U.Khafizov, Yu A.Mostovoi, O.Rozhnov, V.A.Solovei, M.Beck, V.U.Kozlov, N.Severijns - J.Res.Natl.Inst.Stand.Technol. 110, 415 (2005)
Search for Radiative β-Decay of the Free Neutron

2005CA29 R.F.Carlson, A.Ingemarsson, M.Lantz, G.J.Arendse, A.Auce, A.J.Cox, S.V.Fortsch, N.M.Jacobs, R.Johansson, J.Nyberg, J.Peavy, P.-U.Renberg, O.Sundberg, J.A.Stander, G.F.Steyn, G.Tibell, R.Zorro - Nucl.Instrum.Methods Phys.Res. A547, 541 (2005)

A method for measuring light ion reaction cross-sections

2005CAZW C.M.Cattadori, M.De Deo, M.Laubenstein, L.Pandola, V.I.Tretyak - nucl-ex/0509020,9/15/2005 (2005)
Beta decay of ^{115}-In to the first excited level of ^{115}Sn: Potential outcome for neutrino mass

2005CAZX D.Cano-Ott, and the n_TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1442 (2005); AIP Conf.Proc. 769 (2005)
Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation

2005CAZY M.P.Carpenter, F.G.Kondev, R.V.F.Janssens - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 894 (2005); AIP Conf.Proc. 769 (2005)
Shape Coexistence at the Outer Edges of Stability

2005CH44 A.Chafa, V.Tatischeff, P.Aguer, S.Barhoumi, A.Coc, F.Garrido, M.Hernanz, J.Jose, J.Kiener, A.Lefebvre-Schuhl, S.Ouichaoui, N.de Sereville, J.-P.Thibaud - Phys.Rev.Lett. 95, 031101 (2005); Erratum Phys.Rev.Lett. 96, 019902 (2006)
Hydrogen Burning of ^{17}O in Classical Novae

2005CH49 L.V.Chulkov, H.Simon, I.J.Thompson, T.Aumann, M.J.G.Borge, Th.W.Elze, H.Emling, H.Geissel, L.V.Grigorenko, M.Hellstrom, B.Jonson, J.W.V.Kratz, R.Kulessa, K.Markenroth, M.Meister, G.Munzenberg, F.Nickel, T.Nilsson, G.Nyman, V.Pribora, A.Richter, K.Riisager, C.Scheidenberger, G.Schrieder, O.Tengblad, M.V.Zhukov - Nucl.Phys. A759, 23 (2005)
Three-body correlations in electromagnetic dissociation of Borromean nuclei: The ^{6}He case

2005CH50 L.V.Chulkov, F.Aksouh, A.Bleile, O.V.Bochkarev, D.Cortina-Gil, A.V.Dobrovolsky, P.Egelhof, H.Geissel, M.Hellstrom, N.B.Isaev, O.A.Kiselev, B.G.Komkov, M.Matos, F.N.Moroz, G.Munzenberg, M.Mutterer, V.A.Mylnikov, S.R.Neumaier, V.N.Pribora, D.M.Seliverstov, L.O.Sergeev, A.Shrivastava, K.Summerer, S.Yu.Torilov, H.Weick, M.Winkler, V.I.Yatsoura - Nucl.Phys. A759, 43 (2005)
Quasi-free scattering with ^{6,8}He beams

2005CH53 J.A.Church, L.Ahle, L.A.Bernstein, J.Cooper, F.S.Dietrich, J.Escher, C.Forssen, H.Ai, H.Amro, M.Babilon, C.Beausang, J.Caggiano, A.Heinz, R.Hughes, E.McCutchan, D.Meyer, C.Plettner, J.Ressler, V.Zamfir - Nucl.Phys. A758, 126c (2005)
Determining neutron capture cross sections with the Surrogate Reaction Technique: Measuring decay probabilities with STARS

2005CHZT H.Chatani - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 664 (2005); AIP Conf.Proc. 769 (2005)

Measurement of Effective Cross Section of Th-233(n, γ)Th-234 Reaction Using the KUR

2005CHZW R.Chankova, A.Schiller, U.Agvaanluvsan, E.Algin, L.A.Bernstein, M.Guttormsen, F.Ingebretsen, T.Lonnroth, S.Messelt, G.E.Mitchell, J.Rekstad, S.Siem, A.C.Sunde, A.Voinov, S.Odegard - nucl-ex/0507007,7/04/2005 (2005)
Level densities and thermodynamical quantities of heated $^{93-98}$Mo isotopes

2005CO16 H.Costantini, C.Angulo, D.Bemmerer, R.Bonetti, C.Broggini, F.Confortola, P.Corvisiero, J.Cruz, P.Descouvemont, A.Formicola, Z.Fulop, G.Gervino, A.Guglielmetti, C.Gustavino, G.Gyurky, G.Imbriani, A.P.Jesus, M.Junker, A.Lemut, R.Menegazzo, P.Prati, V.Roca, C.Rolfs, M.Romano, C.Rossi Alvarez, F.Schumann, E.Somorjai, O.Straniero, F.Strieder, F.Terrasi, H.P.Trautvetter, A.Vomiero, S.Zavatarelli - Nucl.Phys. A758, 383c (2005)
Recent results of the ^{14}N(p, γ)^{15}O measurement at LUNA

2005CO17 M.Couder, C.Angulo, E.Casarejos, P.Demaret, P.Leleux, F.Vanderbist - Nucl.Phys. A758, 741c (2005)
Study of the ^{19}Ne(p, γ)^{20}Na reaction and subsequent improvements to ARES

2005CR05 J.Cruz, Z.Fulop, G.Gyurky, F.Raiola, A.Di Leva, B.Limata, M.Fonseca, H.Luis, D.Schurmann, M.Aliotta, H.W.Becker, A.P.Jesus, K.U.Kettner, J.P.Ribeiro, C.Rolfs, M.Romano, E.Somorjai, F.Strieder, and the LUNA Collaboration - Phys.Lett. B 624, 181 (2005)
Electron screening in ^{7}Li(p, α)α and ^{6}Li(p, α)^{3}He for different environments

2005DA29 A.Danagoulian, D.J.Hamilton, C.E.Hyde-Wright, V.H.Mamyan, A.M.Nathan, M.Roedelbronn, B.Wojtsekhowski - Nucl.Phys. A755, 281c (2005)
Real Compton Scattering on Proton at High Momentum Transfers

2005DA34 T.Datta, S.P.Dange, H.Naik - J.Radioanal.Nucl.Chem. 266, 79 (2005)
Single nucleon transfer reactions near Coulomb barrier on ^{197}Au

2005DAZW J.M.D'Auria, for the DRAGON Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1345 (2005); AIP Conf.Proc. 769 (2005)
Nuclear Astrophysics At ISAC With DRAGON

2005DAZX D.Dashdorj, P.E.Garrett, J.A.Becker, L.A.Bernstein, J.R.Cooper, M.Devlin, N.Fotiades, G.E.Mitchell, R.O.Nelson, W.Younes - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1035 (2005); AIP Conf.Proc. 769 (2005)
^{48}Ti(n, xnypz$\alpha\gamma$) Reactions for Neutron Energies up to 250 MeV

2005DE34 A.N.Deacon, S.J.Freeman, R.V.F.Janssens, F.R.Xu, M.P.Carpenter, I.R.Calderin, P.Chowdhury, N.J.Hammond, T.Lauritsen, C.J.Lister, D.Seweryniak, J.F.Smith, S.L.Tabor, B.J.Varley, S.Zhu - Phys.Lett. B 622, 151 (2005); Erratum Phys.Lett. B 625, 375 (2005)

Changes in $\nu g_{9/2}$ shape polarisation across the odd neutron-rich Cr isotopes

2005DE42 L.De Smet, C.Wagemans, G.Goeminne, J.Wagemans, J.Heyse, J.Van Gils - Nucl.Phys. A758, 80c (2005)
Investigation of the (n, p) and (n, α) reactions on ^{26}Al and ^{36}Cl and their astrophysical relevance

2005DE45 N.de Sereville, E.Berthoumieux, A.Coc - Nucl.Phys. A758, 745c (2005)
The ^{18}F(p, α)^{15}O reaction rate for application to nova γ-ray emission

2005DEZV A.M.Demidov, L.I.Govor, V.A.Kurkin, I.V.Mikhailov - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.53 (2005)
Multipole Mixtures in ^{154}Sm γ-Transitions from the (n, n'γ) Reaction

2005DEZW M.S.Dewey, E.G.Kessler, Jr., R.D.Deslattes, H.G.Borner, M.Jentschel, C.Doll, P.Mutti - nucl-ex/0507011,7/06/2005 (2005)
Precision Measurement of the ^{29}Si, ^{33}S, and ^{36}Cl Binding Energies

2005DI15 I.Dillmann, M.Heil, F.Kappeler, T.Rauscher, F.-K.Thielemann - Nucl.Phys. A758, 513c (2005)
The (n, γ) cross sections of the p-process nuclei ^{74}Se and ^{84}Sr at kT=25 keV

2005DIZY F.Ditroi, F.Tarkanyi, J.Csikai, M.S.Uddin, M.Hagiwara, M.Baba - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1011 (2005); AIP Conf.Proc. 769 (2005)
Investigation of Activation Cross Sections of the Proton Induced Nuclear Reactions on Natural Iron at Medium Energies

2005DO16 Zs.Dombradi, Z.Elekes, R.Kanungo, H.Baba, Zs.Fulop, J.Gibelin, A.Horvath, E.Ideguchi, Y.Ichikawa, N.Iwasa, H.Iwasaki, S.Kanno, S.Kawai, Y.Kondo, T.Motobayashi, M.Notani, T.Ohnishi, A.Ozawa, H.Sakurai, S.Shimoura, E.Takeshita, S.Takeuchi, I.Tanihata, Y.Togano, C.Wu, Y.Yamaguchi, Y.Yanagisawa, A.Yoshida, K.Yoshida - Phys.Lett. B 621, 81 (2005)
Decoupling of valence neutrons from the core in ^{17}B

2005DOZW Zs.Dombradi, D.Sohler, T.Otsuka, F.Azaiez, M.Belleguic, M.J.Lopez-Jimenez, M.G.Saint-Laurent, O.Sorlin, N.L.Achouri, J.C.Angelique, C.Borcea, C.Bourgeois, J.M.Daugas, F.De Oliveira-Santos, Z.Dlouhy, C.Donzaud, J.Duprat, S.Grevy, D.Guillemaud-Mueller, S.Leenhardt, M.Lewitowicz, S.M.Lukyanov, W.Mittig, Y.Utsuno, Yu.-E.Penionzhkevich, M.G.Porquet, F.Pougheon, P.Roussel-Chomaz, H.Savajols, Y.Sobolev, C.Stodel, M.Stanoiu, J.Timar - ATOMKI 2004 Ann.Rept., p.10 (2005)
Neutron excitations across the N = 20 shell gap in ^{26,28}Ne

2005DOZX Zs.Dombradi, D.Sohler, F.Azaiez, M.Belleguic, M.J.Lopez-Jimenez, M.G.Saint-Laurent, O.Sorlin, N.L.Achouri, J.C.Angelique, C.Borcea, C.Bourgeois, J.M.Daugas, F.De Oliveira-Santos, Z.Dlouhy, C.Donzaud, J.Duprat, S.Grevy, D.Guillemaud-Mueller, S.Leenhardt, M.Lewitowicz, S.M.Lukyanov, W.Mittig, Yu.-E.Penionzhkevich, M.G.Porquet, F.Pougheon, P.Roussel-Chomaz, H.Savajols, Y.Sobolev, C.Stodel, M.Stanoiu, J.Timar - ATOMKI 2004 Ann.Rept., p.8 (2005)
In beam γ-ray spectroscopy of the neutron rich isotope ^{19}N

2005DOZY C.Domingo-Pardo, and the n_TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1521 (2005); AIP Conf.Proc. 769 (2005)
New Measurement of the Capture Cross Section of Bismuth and Lead Isotopes

2005DU19 R.du Rietz, S.J.Williams, D.Rudolph, J.Ekman, C.Fahlander, C.Andreoiu, M.Axiotis, M.A.Bentley, M.P.Carpenter, C.Chandler, R.J.Charity, R.M.Clark, M.Cromaz, A.Dewald, G.de Angelis, F.Della Vedova, P.Fallon, A.Gadea, G.Hammond, E.Ideguchi, S.M.Lenzi, A.O.Macchiavelli, N.Marginean, M.N.Mineva, O.Moller, D.R.Napoli, M.Nespolo, W.Reviol, C.Rusu, B.Saha, D.G.Sarantites, D.Seweryniak, D.Tonev, C.A.Ur - Phys.Rev. C 72, 014307 (2005)
Investigation of high-spin states in ^{53}Fe

2005DZ03 S.N.Dzhosyuk, A.Copete, J.M.Doyle, L.Yang, K.J.Coakley, R.Golub, E.Korobkina, T.Kreft, S.K.Lamoreaux, A.K.Thompson, G.L.Yang, P.R.Huffman - J.Res.Natl.Inst.Stand.Technol. 110, 339 (2005)
Determination of the Neutron Lifetime Using Magnetically Trapped Neutrons

2005EGZZ K.S.Egiyan, for the CLAS Collaboration - nucl-ex/0508026,8/24/2005 (2005)
Measurement of 2- and 3-Nucleon Short Range Correlation Probabilities in Nuclei

2005ER03 K.Ermisch, H.R.Amir-Ahmadi, A.M.van den Berg, R.Castelijns, B.Davids, A.Deltuva, E.Epelbaum, W.Glockle, J.Golak, M.N.Harakeh, M.Hunyadi, M.A.de Huu, N.Kalantar-Nayestanaki, H.Kamada, M.Kis, M.Mahjour-Shafiei, A.Nogga, P.U.Sauer, R.Skibinski, H.Witala, H.J.Wortche - Phys.Rev. C 71, 064004 (2005)
Systematic investigation of three-nucleon force effects in elastic scattering of polarized protons from deuterons at intermediate energies

2005ESZZ E.-I.Esch, A.Alpizar-Vicente, E.M.Bond, T.A.Bredeweg, S.E.Glover, U.Greife, R.C.Haight, R.Hatarik, A.Kronenberg, J.M.O'Donnell, E.J.Pitcher, R.Reifarth, R.S.Rundberg, J.L.Ullmann, D.J.Vieira, S.A.Wender, J.M.Wouters - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 989 (2005); AIP Conf.Proc. 769 (2005)
Status of the Neutron Capture Measurement on ^{237}Np with the DANCE Array at LANSCE

2005FI10 S.M.Fischer, T.Anderson, P.Kerns, G.Mesoloras, D.Svelnys, C.J.Lister, D.P.Balamuth, P.A.Hausladen, D.G.Sarantites - Phys.Rev. C 72, 024321 (2005)
Shape coexistence in ^{71}Br and the question of the ground-state spin of ^{71}Kr

2005FO05 N.Fotiades, J.A.Cizewski, R.Krucken, R.M.Clark, P.Fallon, I.Y.Lee, A.O.Macchiavelli, D.P.McNabb, J.A.Becker, L.A.Bernstein, W.Younes - Phys.Rev. C 71, 064312 (2005)
High-spin states in N = 50 ^{85}Br and ^{87}Rb nuclei

2005FO06 N.Fotiades, R.O.Nelson, M.Devlin, K.Starosta, J.A.Becker, L.A.Bernstein, P.E.Garrett, W.Younes - Phys.Rev. C 71, 064314 (2005)
States in ^{197}Au from the (n, n'γ) reaction

2005FO09 D.Fong, J.K.Hwang, A.V.Ramayya, J.H.Hamilton, Y.X.Luo, P.M.Gore, E.F.Jones, W.B.Walters, J.O.Rasmussen, M.A.Stoyer, S.J.Zhu, I.Y.Lee, A.O.Macchiavelli, S.C.Wu, A.V.Daniel, G.M.Ter-Akopian, Yu.Ts.Oganessian, J.D.Cole, R.Donangelo, W.C.Ma - Phys.Rev. C 72, 014315 (2005)
Negative parity bands of ^{115}Pd and band structures in ^{113,115,117}Pd

2005FOZZ N.Fotiades, R.O.Nelson, M.Devlin, M.B.Chadwick, P.Talou, J.A.Becker, P.E.Garrett, W.Younes - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 898 (2005); AIP Conf.Proc. 769 (2005)
Cross Sections for γ-Ray Production in the ^{191}Ir(n, xnγ) Reactions

2005FU03 M.Fukada, M.Ohmura, F.Harima, K.Ogino, K.Takimoto, S.Ohkubo - Phys.Rev. C 71, 067602 (2005)
α-cluster states in ^{38}Ar observed via the ^{34}S(^{7}Li, tα)^{34}S reaction

2005FU13 Zs.Fulop, Gy.Gyurky, E.Somorjai, D.Schurmann, F.Raiola, F.Strieder, C.Rolfs, B.N.Limata, L.Gialanella, G.Imbriani, V.Roca, M.Romano, N.De Cesare, A.D'Onofrio, D.Rogalla, F.Terrasi - Nucl.Phys. A758, 697c (2005)
Decay of ^{7}Be in metallic environment

2005FUZV T.Fukuchi, N.Hokoiwa, Y.Wakabayashi, Y.Gono, A.Odahara, T.Shinozuka, M.Fujita, A.Yamazaki, T.Sonoda, T.Suzuki - CNS-REP-66, p.17 (2005)
Study of High-Spin States in ^{91}Zr

2005FUZW H.Fujikawa, S.Kubono, A.Saito, H.Yamaguchi, G.Amadio, J.J.He, L.H.Khiem, S.Nishimura, H.Ohta, A.Ozawa, Y.Tagishi, Y.Wakabayashi, M.Yamaguchi, T.Yasuno - CNS-REP-66, p.13 (2005)
Development of a High-Precision Method for Alpha Resonant Scattering Measurements for Nuclear Astrophysics

2005FUZX Zs.Fulop, H.Yamaguchi, Z.Elekes, S.Kubono, G.Amadio, H.Fujikawa, J.J.He, S.Michimasa, J.Niikura, S.Nishimura, A.Saito, T.Teranishi, Y.Wakabayashi, Y.Yanagisawa - CNS-REP-66, p.8 (2005)
Production of ^{39}Ar at the CRIB Facility

2005FUZY K.Furutaka, H.Harada, S.Raman - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1454 (2005); AIP Conf.Proc. 769 (2005)

Determination of the ^{99}Tc(thermal n, γ)^{100}Tc Reaction Cross Section from the Prompt γ-Ray Yields

2005GA20 A.Gadea, S.M.Lenzi, D.R.Napoli, M.Axiotis, C.A.Ur, G.Martinez-Pinedo, M.Gorska, E.Roeckl, E.Caurier, F.Nowacki, G.De Angelis, L.Batist, R.Borcea, F.Brandolini, D.Cano-Ott, J.Doring, C.Fahlander, E.Farnea, H.Grawe, M.Hellstrom, Z.Janas, R.Kirchner, M.La Commara, C.Mazzocchi, E.Nacher, C.Plettner, A.Plochocki, B.Rubio, K.Schmidt, R.Schwengner, J.L.Tain, J.Zylicz - Phys.Lett. B 619, 88 (2005)
Hindered E4 decay of the 12^+ yrast trap in ^{52}Fe

2005GA21 D.Galaviz, Zs.Fulop, Gy.Gyurky, Z.Mate, P.Mohr, T.Rauscher, E.Somorjai, A.Zilges - Phys.Rev. C 71, 065802 (2005)
Elastic α scattering on ^{112}Sn and ^{124}Sn at astrophysically relevant energies

2005GA22 A.Gade, D.Bazin, A.Becerril, C.M.Campbell, J.M.Cook, D.J.Dean, D.-C.Dinca, T.Glasmacher, G.W.Hitt, M.E.Howard, W.F.Mueller, H.Olliver, J.R.Terry, K.Yoneda - Phys.Rev.Lett. 95, 022502 (2005); Erratum Phys.Rev.Lett. 96, 189901 (2006)
Quadrupole Deformation of the Self-Conjugate Nucleus ^{72}Kr

2005GA25 Yu.P.Gangrsky, V.I.Zhemenik, N.Yu.Maslova, G.V.Mishinsky, Yu.E.Penionzhkevich - Part. and Nucl., Lett. 125, 44 (2005)
Yields of Fragments in the Spontaneous and Photofission of ^{248}Cm

2005GA36 E.Garcia-Torano, M.T.Crespo, M.Roteta, G.Sibbens, S.Pomme, A.M.Sanchez, M.P.R.Montero, S.Woods, A.Pearce - Nucl.Instrum.Methods Phys.Res. A550, 581 (2005)
α-particle emission probabilities in the decay of ^{235}U

2005GA40 D.Galaviz, A.Kretschmer, S.Muller, K.Sonnabend, A.Zilges - Nucl.Phys. A758, 521c (2005)
Nuclear astrophysics with real photons

2005GAZW Yu.P.Gangrsky, N.N.Kolesnikov, V.G.Lukashik, G.V.Mishinsky, Yu.E.Penionzhkevich, V.I.Zhemenik - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.66 (2005)
The Ratio of ^{135m}Xe and ^{135g}Xe Yields in the Photofission Reactions of Heavy Nuclei

2005GE06 W.Geithner, B.A.Brown, K.M.Hilligsoe, S.Kappertz, M.Keim, G.Kotrotsios, P.Lievens, K.Marinova, R.Neugart, H.Simon, S.Wilbert - Phys.Rev. C 71, 064319 (2005)
Nuclear moments of neon isotopes in the range from ^{17}Ne at the proton drip line to neutron-rich ^{25}Ne

2005GE07 M.T.Gericke, J.D.Bowman, R.D.Carlini, T.E.Chupp, K.P.Coulter, M.Dabaghyan, D.Desai, S.J.Freeman, T.R.Gentile, R.C.Gillis, G.L.Greene, F.W.Hersman, T.Ino, S.Ishimoto, G.L.Jones, B.Lauss, M.B.Leuschner, B.Losowski, R.Mahurin, Y.Masuda, G.S.Mitchell, S.Muto, H.Nann, S.A.Page, S.I.Penttila, W.D.Ramsay, S.Santra, P.-N.Seo, E.I.Sharapov, T.B.Smith, W.M.Snow, W.S.Wilburn, V.Yuan, H.Zhu - J.Res.Natl.Inst.Stand.Technol. 110, 215 (2005)
Commissioning of the NPDGamma Detector Array: Counting Statistics in Current Mode Operation and Parity Violation in the Capture of Cold Neutrons on B_4C and ^{27}Al

2005GEZY L.N.Generalov, A.G.Zvenigorodsky, S.N.Abramovich, I.A.Karpov, Yu.I.Vinogradov - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.172 (2005)
Investigation of the Excitation Function of $^{11}B(t, p)^{13}B$ Reaction

2005GEZZ L.N.Generalov - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.171 (2005)
Total Cross Section of $^{9}Be(p, \alpha)^{6}Li^{*}$(3.56 MeV) Reaction at E_p=3.1-5.24 MeV

2005GI07 L.Giot, P.Roussel-Chomaz, C.E.Demonchy, W.Mittig, H.Savajols, N.Alamanos, F.Auger, A.Gillibert, C.Jouanne, V.Lapoux, L.Nalpas, E.C.Pollacco, J.L.Sida, F.Skaza, M.D.Cortina-Gil, J.Fernandez-Vazquez, R.S.Mackintosh, A.Pakou, S.Pita, A.Rodin, S.Stepantsov, G.M.Ter-Akopian, K.Rusek, I.J.Thompson, R.Wolski - Phys.Rev. C 71, 064311 (2005)
Investigation of ^{6}He cluster structures

2005GIZX J.Gibelin, N.Aoi, H.Baba, D.Beaumel, Y.Blumenfeld, Z.Elekes, N.Fukuda, T.Gomi, K.Ishikawa, Y.Kondo, T.Kubo, V.Lima, T.Motobayashi, T.Nakamura, A.Saito, Y.Satou, E.Takeshita, S.Takeuchi, T.Teranishi, Y.Togano, A.M.Vinodkumar, Y.Yanagisawa, K.Yoshida - RIKEN Accelerator Progress Report 2004, p.53 (2005)
In-beam gamma spectroscopy of ^{25}Ne via ^{26}Ne breakup

2005GIZY G.Giorginis, V.Khryachkov - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 816 (2005); AIP Conf.Proc. 769 (2005)
Particle Leaking, Cross-Section Ratio $^{10}B(n, \alpha)$ / ^{238}U(n, fission), and Excitation Function of the Reaction $^{10}B(n, \alpha)^{7}Li$ at MeV Energies

2005GL05 I.V.Glavanakov, Yu.F.Krechetov, O.K.Saigushkin, E.N.Shuvalov, V.M.Bystritskii - Pisma Zh.Eksp.Teor.Fiz. 81, 546 (2005); JETP Lett. 81, 432 (2005)
Nucleon-Nucleon Correlations in the (γ, π^{-}p) and (γ, π^{-}pp) Reactions on the ^{12}C Nucleus

2005GO30 V.Z.Goldberg, K.-M.Kallman, T.Lonnroth, P.Manngard, B.B.Skorodumov - Yad.Fiz. 68, 1123 (2005); Phys.Atomic Nuclei 68, 1079 (2005)
Alpha-Cluster States in ^{18}O

2005GO33 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, Y.Togano, K.Ue, K.Yamada, Y.Yanagisawa, K.Yoneda, A.Yoshida - Nucl.Phys. A758, 761c (2005)
Coulomb Dissociation of ^{23}Al for the stellar ^{22}Mg(p, γ)^{23}Al reaction

2005GOZX C.Goessling, M.Junker, H.Kiel, D.Muenstermann, S.Oehl, K.Zuber - nucl-ex/0508016,08/12/2005 (2005)
Experimental study of ^{113}Cd beta decay using CdZnTe detectors

2005GOZY M.S.Golovkov, L.V.Grigorenko, A.S.Fomichev, S.A.Krupko, Yu.Ts.Oganessian, A.M.Rodin, S.I.Sidorchuk, R.S.Slepnev, S.V.Stepantsov, G.M.Ter-Akopian, R.Wolski, A.A.Korsheninnikov, E.Yu.Nikolskii, P.Roussel-Chomaz, W.Mittig, R.Palit, C.Angulo, V.Bouchat, V.Kinnard, T.Materna, F.Hanappe, O.Dorvaux, L.Stuttge - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.124 (2005)
Correlation Studies of the ^{5}H Spectrum

2005GR15 P.Grabmayr, for the GDH Collaboration - Prog.Part.Nucl.Phys. 55, 375 (2005)
An experimental test of the GDH sum rule

2005GR19 K.E.Gregorich, W.Loveland, D.Peterson, P.M.Zielinski, S.L.Nelson, Y.H.Chung, Ch.E.Dullmann, C.M.Folden III, K.Aleklett, R.Eichler, D.C.Hoffman, J.P.Omtvedt, G.K.Pang, J.M.Schwantes, S.Soverna, P.Sprunger, R.Sudowe, R.E.Wilson, H.Nitsche - Phys.Rev. C 72, 014605 (2005)
Attempt to confirm superheavy element production in the ^{48}Ca + ^{238}U reaction

2005GR22 C.Granja, S.Pospisil, R.E.Chrien, S.A.Telezhnikov - Nucl.Phys. A757, 287 (2005)
Levels of ^{174}Yb populated in average resonance neutron capture

2005GRZY Yu.V.Grigoriev, V.Ya.Kitaev, V.V.Sinitsa, Zh.V.Mezentseva, H.Faikov-Stanczyk, N.B.Janeva - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 928 (2005); AIP Conf.Proc. 769 (2005)
The Investigation of the Doppler-Effect of the α-Value of ^{235}U and ^{239}Pu for Different Temperatures

2005GUZZ Yu.B.Gurov, D.V.Aleshkin, B.A.Chernyshev, S.V.Lapushkin, I.V.Laukhin, V.A.Pechkurov, N.O.Poroshin, V.G.Sandukovsky, M.V.Tel'kushev - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.139 (2005)
The Search for the Superheavy Hydrogen Isotope ^{7}H in the Reaction ^{9}Be(π^-, pp)X

2005GY03 Gy.Gyurky, Zs.Fulop, G.Kiss, Z.Mate, E.Somorjai, J.Gorres, A.Palumbo, M.Wiescher, D.Galaviz, A.Kretschmer, K.Sonnabend, A.Zilges, T.Rauscher - Nucl.Phys. A758, 517c (2005)

A comprehensive study of the ^{106}Cd(α, γ)^{110}Sn reaction at energies relevant to the p-process

2005GYZY Gy.Gyurky, Z.Elekes, Zs.Fulop, G.G.Kiss, E.Somorjai, A.Palumbo, M.Wiescher, J.Gorres, W.Rapp, N.Ozkan, R.T.Guray, T.Rauscher - ATOMKI 2004 Ann.Rept., p.19 (2005)
Alpha capture cross section of ^{106}Cd for the astrophysical p-process

2005HA32 D.J.Hamilton, and the Jefferson Lab Hall A Collaboration - Phys.Rev.Lett. 94, 242001 (2005)
Polarization Transfer in Proton Compton Scattering at High Momentum Transfer

2005HA37 D.K.Hasell, for the BLAST Collaboration - Nucl.Phys. A755, 257c (2005)
Recent Results from BLAST

2005HA39 C.Hadjidakis, on behalf of the HERMES Collaboration - Nucl.Phys. A755, 557c (2005)
Exclusive pion production at HERMES

2005HA45 S.Harissopulos, J.Doring, M.La Commara, K.Schmidt, C.Mazzocchi, R.Borcea, S.Galanopoulos, M.Gorska, H.Grawe, M.Hellstrom, Z.Janas, R.Kirchner, E.Roeckl, I.P.Johnstone, R.Schwengner, L.D.Skouras - Phys.Rev. C 72, 024303 (2005)
β decay of ^{95}Ag

2005HA48 J.W.Hammer, M.Fey, R.Kunz, J.Kiener, V.Tatischeff, F.Haas, J.L.Weil, M.Assuncao, C.Beck, C.Boukari-Pelissie, A.Coc, J.J.Correia, S.Courtin, F.Fleurot, E.Galanopoulos, C.Grama, F.Hammache, S.Harissopulos, A.Korichi, E.Krmpotic, D.Le Du, A.Lopez-Martens, D.Malcherek, R.Meunier, P.Papka, T.Paradellis, M.Rousseau, N.Rowley, G.Staudt, S.Szilner - Nucl.Phys. A758, 363c (2005)
E1 and E2 capture cross section and astrophysical reaction rate of the key reaction ^{12}C(α, γ)^{16}O

2005HA49 S.Harissopulos, A.Spyrou, A.Lagoyannis, Ch.Zarkadas, H.-W.Becker, C.Rolfs, F.Strieder, J.W.Hammer, A.Dewald, K.-O.Zell, P.von Brentano, R.Julin, P.Demetriou, S.Goriely - Nucl.Phys. A758, 505c (2005)
Systematic measurements of proton- and alpha-capture cross sections relevant to the modelling of the p process

2005HAZN S.Harissopulos, H.W.Becker, J.W.Hammer, A.Lagoyannis, C.Rolfs, F.Strieder - nucl-ex/0509014,9/09/2005 (2005)
The reaction ^{13}C(α, n)^{16}O: a background for the observation of geo-neutrinos

2005HAZQ F.-J.Hambsch, N.Varapai, S.Zeinalov, S.Oberstedt, O.Serot - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 644 (2005); AIP Conf.Proc. 769 (2005)
Prompt Fission Neutron Emission in Resonance Fission of ^{239}Pu

2005HE19 M.Heil, S.Dababneh, F.Kappeler, R.Plag, A.Juseviciute, N.Winckler, R.Reifarth, S.O'Brien - Nucl.Phys. A758, 529c (2005)

A neutron source to measure stellar neutron capture cross sections at kT=5 keV

2005HEZS J.J.He, S.Kubono, T.Teranishi, M.Notani, H.Baba, S.Nishimura, J.Y.Moon, M.Nishimura, S.Michimasa, H.Iwasaki, Y.Yanagisawa, N.Hokoiwa, M.Kibe, J.H.Lee, S.Kato, Y.Gono, C.S.Lee - CNS-REP-66, p.3 (2005)
Study of Proton Resonant States in ^{23}Al using a Radioactive Beam of ^{22}Mg

2005HEZT J.J.He, S.Kubono, T.Teranishi, M.Notani, H.Baba, S.Nishimura, J.Y.Moon, M.Nishimura, S.Michimasa, H.Iwasaki, Y.Yanagisawa, N.Hokoiwa, M.Kibe, J.H.Lee, S.Kato, Y.Gono, C.S.Lee - CNS-REP-66, p.1 (2005)
Study of Proton Resonant States in ^{22}Mg using a Radioactive Beam of ^{21}Na

2005HEZU F.P.Hessberger, S.Hofmann, D.Ackermann, S.Antalic, I.Kojouharov, P.Kuusiniemi, R.Mann, K.Nishio, S.Saro, B.Streicher, B.Sulignano, M.Venhart - GSI 2005-1, p.73 (2005)
Decay spectroscopy of ^{255}No

2005HEZW A.Hermanne, F.Tarkanyi, S.Takacs, Yu.N.Shubin - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 961 (2005); AIP Conf.Proc. 769 (2005)
Experimental Determination of Cross Section of Alpha-Induced Reactions on ^{nat}Pd

2005HEZX A.Hermanne, F.Tarkanyi, S.Takacs, Z.Szucs - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 957 (2005); AIP Conf.Proc. 769 (2005)
Experimental Study of the Cross Sections of alpha-Particle Induced Reactions on ^{209}Bi

2005HIZX K.Hilgers, S.M.Qaim, H.H.Coenen - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1631 (2005); AIP Conf.Proc. 769 (2005)
New Cross Section Data for Production of the Therapeutic Radionuclides ^{64}Cu, ^{140}Nd, and ^{192}Ir

2005HIZY A.Hildebrand, J.Blomgren, A.Atac, B.Bergenwall, C.Johansson, J.Klug, P.Mermod, L.Nilsson, S.Pomp, M.Esterlund, S.Dangtip, U.Tippawan, P.Phansuke, O.Jonsson, P.-U.Renberg, A.Prokofiev, P.Nadel-Turonski, K.Elmgren, N.Olsson, V.Blideanu, C.Le Brun, J.-F.Lecolley, F.-R.Lecolley, M.Louvel, N.Marie-Noury, C.Schweitzer, Ph.Eudes, F.Haddad, C.Lebrun, A.J.Koning - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 853 (2005); AIP Conf.Proc. 769 (2005)
Elastic Neutron Scattering at 96 MeV

2005HO16 M.V.Hoshovsky, V.M.Mazur, Z.M.Bigan, V.I.Lyamayev, T.Yo.Marynets - Ukr.J.Phys. 50, 649 (2005)

Excitation cross sections for the 13 / 2^+ isomer state of mercury-199 nucleus in the (γ, γ') and (γ, n) reactions

2005HU14 D.Huang, P.Wang, X.Chen, W.Tian, B.Ni, L.Zhang, G.Zhang, C.Liu, L.Liu - J.Radioanal.Nucl.Chem. 265, 499 (2005)
Half-life of ^{97}Zr, re-measured

2005HUZZ H.Hubel, A.Burger, T.R.Saito, H.Grawe, P.Reiter, F.Becker, J.Gerl, M.Gorska, H.J.Wollersheim, A.Al-Khatib, A.Banu, T.Beck, P.Bednarczyk, G.Benzoni, A.Bracco, S.Brambilla, P.Bringel, F.Camera, E.Clement, P.Doornenbal, H.Geissel, A.Gorgen, J.Grebosz, G.Hammond, M.Hellstrom, M.Kavatsyuk, O.Kavatsyuk, M.Kmiecik, I.Kojouharov, W.Korten, N.Kurz, R.Lozeva, A.Maj, S.Mandal, B.Million, S.Muralithar, A.Neusser, Zs.Podolyak, N.Saito, A.K.Singh, H.Weick, O.Wieland, M.Winkler, C.Wheldon - Proc. XLIII Intern.Winter Meeting on Nuclear Physics, Bormio, Italy, 14 - 19 March 2005, I.Iori and A.Bortolotti, eds., p.232 (2005)
Relativistic Coulomb Excitation of Neutron-Rich Cr Isotopes

2005IC02 S.Ichikawa, M.Asai, K.Tsukada, H.Haba, Y.Nagame, M.Shibata, M.Sakama, Y.Kojima - Phys.Rev. C 71, 067302 (2005)
β-decay half-lives of new neutron-rich rare-earth isotopes ^{159}Pm, ^{162}Sm, and ^{166}Gd

2005IDZY E.Ideguchi, B.Cederwall, E.Ganioglu, B.Hadinia, K.Lagergren, T.Back, S.Eeckhaudt, T.Grahn, P.Greenlees, A.Johnson, D.T.Joss, R.Julin, S.Juutinen, H.Kettunen, M.Leino, A.-P.Leppanen, P.Nieminen, M.Nyman, J.Pakarinen, E.S.Paul, P.Rahkila, C.Scholey, J.Uusitalo, R.Wadsworth, D.R.Wiseman, R.Wyss - CNS-REP-66, p.19 (2005)
A Rotational Band in ^{107}In

2005IL01 M.Iliescu, for the DEAR and SIDDHARTA Collaborations - Nucl.Phys. A755, 455c (2005)
Precision measurements on kaonic hydrogen and kaonic deuterium: DEAR and SIDDHARTA

2005IL02 C.Iliadis, A.E.Champagne - Nucl.Phys. A758, 73c (2005)
Nuclear Astrophysics: Direct measurements with stable beams

2005IMZY G.Imbriani, H.Costantini, A.Formicola, A.Vomiero, C.Angulo, D.Bemmerer, R.Bonetti, C.Broggini, F.Confortola, P.Corvisiero, J.Cruz, P.Descouvemont, Zs.Fulop, G.Gervino, A.Guglielmetti, C.Gustavino, Gy.Gyurky, A.P.Jesus, M.Junker, J.N.Klug, A.Lemut, R.Menegazzo, P.Prati, V.Roca, C.Rolfs, M.Romano, C.Rossi Alvarez, F.Schumann, D.Schurmann, E.Somorjai, O.Straniero, F.Strieder, F.Terrasi, H.P.Trautvetter - nucl-ex/0509005,9/01/2005 (2005)
S-factor of ^{14}N(p, γ)^{15}O at astrophysical energies

2005IMZZ N.Imai, N.Aoi, H.J.Ong, H.Sakurai, K.Demichi, H.Kawasaki, H.Baba, Zs.Dombradi, Z.Elekes, N.Fukuda, Zs.Fulop, A.Gelberg, T.Gomi, H.Hasegawa, K.Ishikawa, H.Iwasaki, E.Kaneko, S.Kanno, T.Kishida, Y.Kondo, T.Kubo, K.Kurita, S.Michimasa, T.Minemura, M.Miura, T.Motobayashi, T.Nakamura, M.Notani, T.K.Onishi, A.Saito, S.Shimoura, T.Sugimoto, M.K.Suzuki, E.Takeshita, S.Takeuchi, M.Tamaki, K.Yoneda, H.Watanabe, M.Ishihara - RIKEN Accelerator Progress Report 2004, p.41 (2005)
Lifetime of the first excited state of ^{12}Be

2005IS07 T.Ishii, S.Shigematsu, M.Asai, A.Makishima, M.Matsuda, J.Kaneko, I.Hossain, S.Ichikawa, T.Kohno, M.Ogawa - Phys.Rev. C 72, 021301 (2005)
In-beam γ-ray spectroscopy of ^{240}U using the (^{18}O, ^{16}O) reaction

2005IW02 H.Iwasaki, T.Motobayashi, H.Sakurai, K.Yoneda, T.Gomi, N.Aoi, N.Fukuda, Zs.Fulop, U.Futakami, Z.Gacsi, Y.Higurashi, N.Imai, N.Iwasa, T.Kubo, M.Kunibu, M.Kurokawa, Z.Liu, T.Minemura, A.Saito, M.Serata, S.Shimoura, S.Takeuchi, Y.X.Watanabe, K.Yamada, Y.Yanagisawa, M.Ishihara - Phys.Lett. B 620, 118 (2005)
Quadrupole collectivity of ^{28}Ne and the boundary of the island of inversion

2005IWZX N.Iwasa, S.Bishop, Z.Elekes, J.Gibelin, M.Hosoi, K.Ieki, K.Ishikawa, H.Iwasaki, S.Kawai, S.Kubono, K.Kurita, M.Kurokawa, N.Matsui, T.Minemura, H.Morikawa, T.Nakamura, M.Niikura, M.Notani, S.Ota, A.Saito, H.Sakurai, S.Shimoura, K.Sugawara, T.Sugimoto, H.Suzuki, T.Suzuki, E.Takeshita, S.Takeuchi, I.Tanihata, T.Teranishi, Y.Togano, K.Yamada, K.Yamaguchi, Y.Yanagisawa, T.Motobayashi - RIKEN Accelerator Progress Report 2004, p.58 (2005)
Coulomb excitation of ^{20}Mg

2005JE06 D.G.Jenkins, B.R.Fulton, C.J.Lister, R.V.F.Janssens, T.L.Khoo, E.F.Moore, K.E.Rehm, B.Truett, A.H.Wuosmaa, M.Freer, J.Jose - Nucl.Phys. A758, 749c (2005)
Reevaluation of the ^{22}Na(p, γ) reaction rate

2005JEZY M.Jentschel, H.G.Borner, P.Mutti, E.G.Kessler, Jr., M.S.Dewey, A.Henins - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 617 (2005); AIP Conf.Proc. 769 (2005)
Accurate Determination of Neutron Binding Energies

2005JO12 C.Jouanne, V.Lapoux, F.Auger, N.Alamanos, A.Drouart, A.Gillibert, G.Lobo, A.Musumarra, L.Nalpas, E.Pollacco, J.-L.Sida, M.Trotta, Y.Blumenfeld, E.Khan, T.Suomijarvi, T.Zerguerras, P.Roussel-Chomaz, H.Savajols, A.Lagoyannis, A.Pakou - Phys.Rev. C 72, 014308 (2005)
Structure of low-lying states of ^{10,11}C from proton elastic and inelastic scattering

2005JOZX C.Johansson, J.Blomgren, A.Atac, B.Bergenwall, A.Hildebrand, J.Klug, P.Mermod, L.Nilsson, N.Olsson, M.Osterlund, S.Pomp, U.Tippawan, O.Jonsson, A.Prokofiev, P.-U.Renberg, K.Elmgren, S.Dangtip, P.Nadel-Turonski - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 804 (2005); AIP Conf.Proc. 769 (2005)

Forward-Angle Neutron-Proton Scattering at 96 MeV

2005KA23 S.Kameoka, S.Ajimura, K.Aoki, A.Banu, H.C.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, B.H.Kang, E.H.Kim, J.H.Kim, M.J.Kim, T.Maruta, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, S.Okada, Y.Okayasu, H.Outa, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, K.Tsukada, T.Watanabe, H.J.Yim - Nucl.Phys. A754, 173c (2005)
Measurement of the π^- decay width of ${}^{5}_{\Lambda}$He

2005KA25 S.G.Karshenboim, V.G.Ivanov, Yu.I.Neronov, B.P.Nikolaev, Yu.N.Tolparov - Can.J.Phys. 83, 405 (2005)
A new determination of the proton-to-deuteron ratio of magnetic moments

2005KA26 R.Kanungo, Z.Elekes, H.Baba, Zs.Dombradi, Zs.Fulop, J.Gibelin, A.Horvath, Y.Ichikawa, E.Ideguchi, N.Iwasa, H.Iwasaki, S.Kawai, Y.Kondo, T.Motobayashi, M.Notani, T.Ohnishi, A.Ozawa, H.Sakurai, S.Shimoura, E.Takeshita, S.Takeuchi, I.Tanihata, Y.Togano, C.Wu, Y.Yamaguchi, Y.Yanagisawa, A.Yoshida, K.Yoshida - Nucl.Phys. A757, 315 (2005)
Search for an isomeric state in ^{19}C

2005KA33 M.Karadag, H.Yucel - Nucl.Instrum.Methods Phys.Res. A550, 626 (2005)
Thermal neutron cross-section and resonance integral for ^{164}Dy(n, γ) ^{165}Dy reaction

2005KA34 O.Kavatsyuk, M.Kavatsyuk, L.Batist, A.Banu, F.Becker, A.Blazhev, W.Bruchle, J.Doring, T.Faestermann, M.Gorska, H.Grawe, Z.Janas, A.Jungclaus, M.Karny, R.Kirchner, M.La Commara, S.Mandal, C.Mazzocchi, I.Mukha, S.Muralithar, C.Plettner, A.Plochocki, E.Roeckl, M.Romoli, M.Schadel, R.Schwengner, J.Zylicz - Eur.Phys.J. A 25, 211 (2005)
Beta decay of ^{103}Sn

2005KAZV T.Kawabata, H.Akimune, H.Fujita, Y.Fujita, M.Fujiwara, K.Hara, K.Hatanaka, M.Itoh, Y.Kanada-Enyo, S.Kishi, K.Nakanishi, H.Sakaguchi, Y.Shimbara, A.Tamii, S.Terashima, M.Uchida, T.Wakasa, Y.Yasuda, H.P.Yoshida, M.Yosoi - CNS-REP-66, p.40 (2005)
Quadrupole Excitation Strengths and Cluster Structures in ^{11}B

2005KAZX V.G.Kalinnikov, Z.Hons, V.I.Stegailov, P.Chaloun - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.72 (2005)
Decay of ^{160}Ho (3 s)

2005KAZY V.G.Kalinnikov, V.I.Stegailov, A.V.Sushkov, P.Chaloun, Ya.V.Yushkevich - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.58 (2005)
Measurement of Lifetimes of some ^{156,158,160}Ho Levels by Delayed Coincidence Method

2005KAZZ O.R.Kakuee, M.A.G.Alvarez, M.V.Andres, S.Cherubini, T.Davinson, A.Di Pietro, W.Galster, J.Gomez-Camacho, A.M.Laird, M.Lamehi-Rachti, I.Martel, A.M.Moro, J.Rahighi, A.M.Sanchez-Benitez, A.C.Shotter, W.B.Smith, J.Vervier, P.J.Woods - nucl-ex/0507024,7/18/2005 (2005)
Long range absorption in the scattering of ^{6}He on ^{208}Pb and ^{197}Au at 27 MeV

2005KE05 W.Ketter, W.Heil, G.Badurek, M.Baron, R.Loidl, H.Rauch - J.Res.Natl.Inst.Stand.Technol. 110, 241 (2005)
Measurement of the Coherent Neutron Scattering Length of ^{3}He

2005KEZZ K.Kettern, I.Spahn, S.Spellerberg, S.M.Qaim, H.H.Coenen - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 758 (2005); AIP Conf.Proc. 769 (2005)
Nuclear Reaction Cross-Section Measurements via Characterization of Soft Radiation Emitting Products

2005KH13 D.T.Khoa, H.G.Bohlen, W.von Oertzen, G.Bartnitzky, A.Blazevic, F.Nuoffer, B.Gebauer, W.Mittig, P.Roussel-Chomaz - Nucl.Phys. A759, 3 (2005)
Study of refractive structure in the inelastic ^{16}O + ^{16}O Image scattering at the incident energies of 250 to 1120 MeV

2005KI11 T.Kishimoto, T.Hayakawa, S.Ajimura, S.Minami, A.Sakaguchi, Y.Shimizu, R.E.Chrien, M.May, P.Pile, A.Rusek, R.Sutter, H.Noumi, H.Tamura, M.Ukai, Y.Miura, K.Tanida - Nucl.Phys. A754, 383c (2005)
Kaonic nuclei probed by the in-flight (K^-, n) reaction

2005KIZV G.G.Kiss, Zs.Fulop, Gy.Gyurky, Z.Mate, E.Somorjai, D.Galaviz, A.Zilges - ATOMKI 2004 Ann.Rept., p.14 (2005)
Study of low energy α-scattering on ^{89}Y

2005KLZZ T.Klechneva, C.Carasco, I.Goussev, M.Hauger, J.Jourdan, B.Krusche, H.Muehry, Ch.Normand, D.Rohe, D.Seliverstov, I.Sick, G.Testa, G.Warren, H.Wohrle, M.Zeier - nucl-ex/0509008,9/05/2005 (2005)
Vector and Tensor Analyzing Powers of the ^{1}H((d(pol), γ)^{3}He-capture reaction

2005KO31 R.L.Kozub, D.W.Bardayan, J.C.Batchelder, J.C.Blackmon, C.R.Brune, A.E.Champagne, J.A.Cizewski, T.Davinson, U.Greife, C.J.Gross, C.C.Jewet, R.J.Livesay, Z.Ma, B.H.Moazen, C.D.Nesaraja, J.P.Scott, L.Sahin, D.Shapira, M.S.Smith, J.S.Thomas, P.J.Woods - Nucl.Phys. A758, 753c (2005)
New Limits for the ^{18}F(p, α)^{15}O Rate in Novae

2005KRZY A.Krasznahorkay, F.W.N.de Boer, J.Gulyas, Z.Gacsi, T.J.Ketel, M.Csatlos, L.Csige, M.Hunyadi, J.Van Klinken, A.Krasznahorkay, Jr., A.Vitez - ATOMKI 2004 Ann.Rept., p.3 (2005)
Internal pairs observed in a forbidden $0^- \rightarrow 0^+$ transition: a sign for a neutral boson?

2005KSZZ R.Kshetri, I.Ray, P.Banerjee, R.Raut, A.Goswami, J.M.Chatterjee, S.Chattopadhyay, U.Datta Pramanik, A.Mukherjee, C.C.Dey, S.Bhattacharya, B.Dasmahapatra, M.S.Sarkar, S.Sarkar, S.Bhowal, G.Ganguly, K.S.Golda, R.Kumar, R.P.Singh, S.Muralithar - nucl-ex/0507019,7/13/2005 (2005)
Absence of M2 Retardation in ^{35}Cl: Evidence for Stronger Isospin-Mixing Effects in A=35 Mirror Nuclei

2005KU27 S.Kubono, T.Teranishi, M.Notani, H.Yamaguchi, A.Saito, J.J.He, M.Wakabayashi, H.Fujikawa, G.Amadio, H.Baba, T.Fukuchi, S.Shimoura, S.Michimasa, S.Nishimura, M.Nishimura, Y.Gono, A.Odahara, S.Kato, J.Y.Moon, J.H.Lee, C.S.Lee, J.C.Kim, K.I.Hahn, T.Ishikawa, T.Hashimoto, H.Ishiyama, Y.X.Watanabe, M.H.Tanaka, H.Miyatake, Zs.Fulop, V.Guimaraes, R.Lichtenthaler - Nucl.Phys. A758, 733c (2005)
Study of Stellar Reactions in Explosive Hydrogen Burning with CRIB

2005KUZV P.Kuusiniemi, F.P.Hessberger, D.Ackermann, S.Hofmann, K.Nishio, B.Sulignano, I.Kojouharov, R.Mann - GSI 2005-1, p.76 (2005)
α - Decay Fine Structure of ^{213}Ra to ^{209}Rn

2005KUZX W.D.Kulp, J.L.Wood, K.S.Krane, J.Loats, P.D.Schmelzenbach, C.J.Stapels, E.B.Norman - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 830 (2005); AIP Conf.Proc. 769 (2005)
An Investigation of ^{154}Eu as a High-Precision Multi-γ-Ray Intensity Calibration Standard for Detector Arrays

2005LA19 M.Lach, J.Styczen, W.Meczynski, P.Bednarczyk, A.Bracco, J.Grebosz, A.Maj, J.C.Merdinger, N.Schulz, M.B.Smith, K.M.Spohr, M.Zieblinski - Eur.Phys.J. A 25, 1 (2005)
Unnatural-parity states in $^{44}_{21}Sc_{23}$

2005LA25 M.La Cognata, A.Musumarra, C.Spitaleri, A.Tumino, C.Bonomo, S.Cherubini, P.Figuera, L.Lamia, M.G.Pellegriti, A.Rinollo, R.G.Pizzone, C.Rolfs, S.Romano, D.Schurmann, F.Strieder, S.Tudisco, S.Typel - Nucl.Phys. A758, 98c (2005)
Study of the ^{3}He(d, p)^{4}He reaction through the Trojan Horse Method

2005LE30 R.Lewis, J.Caggiano, A.Parikh, C.Deibel, D.Visser, K.Fear, P.Parker, W.R.Hix - Nucl.Phys. A758, 84c (2005)
^{26}Al^{g,m} + p resonances studied via proton decays of ^{27}Si

2005LEZW A.I.Levon, I.B.Kovgar, Yu.V.Nosenko, V.A.Onischuk, A.A.Shevchuk - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.81 (2005)
Nuclear g-Factors of High-Spin Isomers in ^{190,192,194}Pt and ^{196,198}Hg

2005LI29 A.G.Lipson, A.S.Rusetskii, A.B.Karabut, G.Miley - Zh.Eksp.Teor.Fiz. 127, 1334 (2005); J.Exper.Theo.Phys. 100, 1175 (2005)
DD Reaction Enhancement and X-ray Generation in a High-Current Pulsed Glow Discharge in Deuterium with Titanium Cathode at 0.8-2.45 kV

2005LI35 Z.H.Li, B.Guo, W.-P.Liu, X.-X.Bai, G.Lian, J.Su, S.-Q.Yan, B.-X.Wang, S.Zeng - Chin.Phys.Lett. 22, 1870 (2005)
Radius of ^{9}C from the Asymptotic Normalization Coefficient

2005LI40 W.Liu, Z.Li, X.Bai, G.Lian, B.Guo, S.Zeng, S.Yan, B.Wang, N.Shu, K.Wu Y.Chen - Nucl.Phys. A758, 110c (2005)
Nuclear Astrophysics Experiments at CIAE

2005LIZY Z.Liu, P.J.Woods, K.Schmidt, H.Mahmud, P.S.L.Munro, A.Blazhev, J.Doring, H.Grawe, M.Hellstrom, R.Kirchner, Z.K.Li, C.Mazzocchi, I.Mukha, C.Plettner, E.Roeckl, M.La Commara - GSI 2005-1, p.85 (2005)
Reinvestigation of direct proton decay of ^{105}Sb

2005LIZZ Yu.A.Litvinov, D.Boutin, L.Chen, H.Geissel, E.Kaza, C.Kozhuharov, S.A.Litvinov, M.Matos, Yu.N.Novikov, W.Plass, C.Scheidenberger, G.Vorobjev, H.Weick, F.Attallah, K.Beckert, P.Beller, F.Bosch, L.Caceres, J.J.Carroll, R.S.Chakrawarthy, D.Cullen, B.Franczak, B.Franzke, J.Gerl, E.Greda, M.Hausmann, G.Jones, A.Kishada, O.Klepper, H.-J.Kluge, R.Knobel, R.Koyama, K.L.Kratz, E.Kulich, N.Kuzminchuk, Z.Liu, S.Mandal, F.Montes, G.Munzenberg, F.Nolden, T.Ohtsubo, A.Ostrowski, A.Ozawa, Z.Patyk, B.Pfeiffer, Z.Podolyak, M.Portillo, R.Propri, T.Radon, S.Rigby, N.Saito, T.Saito, H.Schatz, M.Shindo, J.Stadlmann, M.Steck, K.Summerer, T.Suzuki, P.Ugorowski, D.Vieira, P.M.Walker, S.Watanabe, S.Williams, M.Winkler, T.Winkler, H.-J.Wollersheim, H.Wollnik, T.Yamaguchi - GSI 2005-1, p.79 (2005)
Direct Mass Measurements of Stored exotic Nuclei

2005LO06 S.J.Lokitz, G.E.Mitchell, J.F.Shriner, Jr. - Phys.Rev. C 71, 064315 (2005)
Test of ^{45}Sc level densities with proton resonances

2005MA44 F.E.Maas, for the A4-Collaboration - Prog.Part.Nucl.Phys. 55, 320 (2005)
The Mainz A4 parity violation experiment (single spin asymmetries in elastic scattering)

2005MA45 T.Maruta, S.Ajimura, K.Aoki, A.Banu, H.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.H.Kim, J.H.Kim, M.J.Kim, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, S.Okada, Y.Okayasu, H.Outa, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, K.Tsukada, T.Watanabe, H.J.Yim - Nucl.Phys. A754, 168c (2005)
Proton asymmetry in non-mesonic weak decay of light hypernuclei

2005MA48 J.W.Martin, for the G^0 Collaboration - Nucl.Phys. A755, 245c (2005)
The Strange Form Factors of the Proton and the G^0 Experiment

2005MA51 G.K.Mabala, E.Gueorguieva, J.F.Sharpey-Schafer, M.Benatar, R.W.Fearick, K.I.Korir, J.J.Lawrie, S.M.Mullins, S.H.T.Murray, N.J.Ncapayi, R.T.Newman, D.G.Roux, F.D.Smit, R.Wyss - Eur.Phys.J. A 25, 49 (2005)
Shears band with a large dynamic moment of inertia in ^{197}Bi

2005MA52 H.Makii, K.Mishima, M.Segawa, E.Sano, H.Ueda, T.Shima, Y.Nagai, M.Igashira, T.Ohsaki - Nucl.Instrum.Methods Phys.Res. A547, 411 (2005)

Measurement system of the γ-ray angular distributions of the $^{12}C(\alpha, \gamma)^{16}O$ reaction

2005MA55 N.Marginean, C.Rusu, D.Bucurescu, C.Rossi Alvarez, C.A.Ur, D.Bazzacco, S.Lunardi, P.Pavan, G.de Angelis, M.Axiotis, E.Farnea, A.Gadea, M.Ionescu-Bujor, A.Iordachescu, W.Krolas, Th.Kroll, S.M.Lenzi, T.Martinez, R.Menegazzo, D.R.Napoli, B.Quintana, P.Spolaore, Y.H.Zhang, J.Wrzesinski - Phys.Rev. C 72, 014302 (2005); Erratum Phys.Rev. C 72, 039903 (2005)
Identification of excited states and shell model description of the N = Z + 1 nucleus ^{91}Rh

2005MA59 C.Mazzocchi, R.Grzywacz, J.C.Batchelder, C.R.Bingham, D.Fong, J.H.Hamilton, J.K.Hwang, M.Karny, W.Krolas, S.N.Liddick, A.F.Lisetskiy, A.C.Morton, P.F.Mantica, W.F.Mueller, K.P.Rykaczewski, M.Steiner, A.Stolz, J.A.Winger - Phys.Lett. B 622, 45 (2005)
Low energy structure of even-even Ni isotopes close to ^{78}Ni

2005MA69 H.Makii, Y.Nagai, T.Shima, M.Segawa, H.Ueda, T.Masaki, K.Mishima, M.Igashira, T.Ohsaki, S.Okabe - Nucl.Phys. A758, 371c (2005)
Measurement of the $^{12}C(\alpha, \gamma)^{16}O$ Reaction Cross Section Using Pulsed α Beams

2005MA71 C.Matei, C.R.Brune - Nucl.Phys. A758, 403c (2005)
Branching ratio measurements of the 7.12-MeV state in ^{16}O

2005MA73 S.Marrone, for the n_TOF Collaboration - Nucl.Phys. A758, 533c (2005)
Measurement of the $^{151}Sm(n, \gamma)^{152}Sm$ cross section at n_TOF

2005MAZN Y.Maeda, K.Fujita, M.B.Greenfield, Y.Hagiwara, K.Hatanaka, M.Hatano, K.Itoh, H.Kamada, J.Kamiya, T.Kawabata, H.Kuboki, T.Kudoh, Y.Nagasue, H.Okamura, T.Saito, H.Sakai, Y.Sakemi, M.Sasano, K.Sekiguchi, Y.Shimizu, K.Suda, A.Tamii, T.Wakasa, K.Yako - CNS-REP-66, p.38 (2005)
Measurements of the nd Elastic Scattering at 250 MeV and Three Nucleon Force Effects

2005MAZO N.L.Maidana, V.R.Vanin, R.M.Castro, P.R.Pascholati, O.Helene, M.S.Dias, M.F.Koskinas - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1466 (2005); AIP Conf.Proc. 769 (2005)
$^{232}Th(n, \gamma)^{233}Th$ Thermal Reaction Cross-Section Measurement

2005MAZP W.Mannhart, D.Schmidt - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 609 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Neutron Reaction Cross Sections between 8 and 14 MeV

2005MAZQ T.N.Massey, S.M.Grimes, M.T.Wenner, A.Haghighat, J.M.Adams, A.D.Carlson - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 480 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Neutron Transmission Through Iron Spheres

2005MEZY P.Mermod, J.Blomgren, B.Bergenwall, A.Hildebrand, C.Johansson, J.Klug, L.Nilsson, N.Olsson, M.Osterlund, S.Pomp, U.Tippawan, O.Jonsson, A.Prokofiev, P.-U.Renberg, P.Nadel-Turonski, Y.Maeda, H.Sakai, A.Tamii - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 688 (2005); AIP Conf.Proc. 769 (2005)
Investigation of Three-Body Force Effects in Neutron-Deuteron Scattering at 95 MeV

2005MI19 Y.Miura, S.Ajimura, Y.Fujii, T.Fukuda, O.Hashimoto, H.Hotchi, K.Imai, W.Imoto, Y.Kakiguchi, S.Kameoka, A.Krutenkova, T.Maruta, A.Matsumura, K.Miwa, K.Mizunuma, S.N.Nakamura, T.Nagae, H.Nomura, H.Noumi, H.Outa, P.K.Saha, T.Saitoh, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, M.Ukai, H.Yamauchi - Nucl.Phys. A754, 75c (2005)
γ spectroscopy of ${}^{11}_{\Lambda}$B

2005MI20 K.Miwa, K.Tanida, H.Akikawa, Y.Fukao, E.Hiyama, H.Hotchi, K.Imai, Y.Miura, K.Mizunuma, S.N.Nakamura, M.Niiyama, S.Ota, P.K.Saha, H.Takahashi, T.Takahashi, H.Tamura, S.Terashima, M.Togawa, M.Ukai - Nucl.Phys. A754, 80c (2005)
High-resolution γ-ray spectroscopy of hyperfragments produced by stopped K^- reactions

2005MIZU S.Michimasa, S.Shimoura, H.Iwasaki, M.Tamaki, S.Ota, N.Aoi, H.Baba, N.Iwasa, S.Kanno, S.Kubono, K.Kurita, M.Kurokawa, T.Minemura, T.Motobayashi, M.Notani, H.J.Ong, A.Saito, H.Sakurai, E.Takeshita, S.Takeuchi, Y.Yanagisawa, A.Yoshida - CNS-REP-66, p.26 (2005)
Proton Single Particle States in ^{23}F

2005MIZV S.Michimasa, S.Shimoura, H.Iwasaki, M.Tamaki, S.Ota, N.Aoi, H.Baba, N.Iwasa, S.Kanno, S.Kubono, K.Kurita, M.Kurokawa, T.Minemura, T.Motobayashi, M.Notani, H.J.Ong, A.Saito, H.Sakurai, S.Takeuchi, E.Takeshita, Y.Yanagisawa, A.Yoshida - RIKEN Accelerator Progress Report 2004, p.51 (2005)
Proton single particle states in ^{23}F

2005MIZW K.Miernik, L.Batist, A.Blazhev, T.Faestermann, M.Gorska, H.Grawe, Z.Janas, M.Karny, M.Kavatsyuk, O.Kavatsyuk, R.Kirchner, M.La Commara, C.Mazzocchi, I.Mukha, C.Plettner, A.Plochocki, E.Roeckl, K.Rykaczewski, K.Schmidt - GSI 2005-1, p.84 (2005)
Beta decay studies of ^{106}Sb and ^{107}Sb

2005MIZX I.Miyazaki, T.Shimizu, M.Shibata, K.Kawade, A.Taniguchi, H.Harada, K.Furutaka, H.Sakane - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 996 (2005); AIP Conf.Proc. 769 (2005)
Reliability of Prompt γ-Ray Intensities for the Measurement of Neutron Capture Cross Sections

2005MIZY L.C.Mihailescu, C.Borcea, A.J.M.Plompen - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 973 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Neutron Inelastic Scattering Cross Sections for ^{209}Bi from Threshold up to 18 MeV

2005MIZZ R.Michel, W.Glasser, U.Herpers, H.Schuhmacher, H.J.Brede, V.Dangendorf, R.Nolte, P.Malmborg, A.V.Prokofiev, A.N.Smirnov, I.Rishkov, D.Kollar, J.P.Meulders, M.Duijvestijn, A.Koning - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 861 (2005); AIP Conf.Proc. 769 (2005)
Residual Nuclide Production from Iron, Lead, and Uranium by Neutron-Induced Reactions up to 180 MeV

2005MO20 O.Moller, N.Warr, J.Jolie, A.Dewald, A.Fitzler, A.Linnemann, K.O.Zell, P.E.Garrett, S.W.Yates - Phys.Rev. C 71, 064324 (2005)
E2 transition probabilities in ^{114}Te: A conundrum

2005MO28 J.Y.Moon, C.S.Lee, J.H.Lee, C.C.Yun, J.C.Kim, M.Youn, S.Kubono, T.Teranishi, J.J.He, M.Notani, S.Nishimura, M.Nishimura, V.Guimaraes, R.F.Lichtenthaler, S.Kato - Nucl.Phys. A758, 158c (2005)
Study of proton resonances in ^{26}Si and ^{27}P by using the ^{25}Al and ^{26}Si radioactive ion beams

2005MO30 F.Montes, H.Schatz, A.Aprahamian, O.Arndt, A.Estrade, K.-L.Kratz, S.N.Liddick, P.F.Mantica, W.F.Mueller, P.Hosmer, A.C.Morton, M.Ouellette, E.Pellegrini, B.Pfeiffer, P.Reeder, P.Santi, A.Stolz, B.E.Tomlin, W.B.Walters, A.Wohr - Nucl.Phys. A758, 643c (2005)
β-Decay Studies Close to the N=82 r-process Path

2005MOZR J.Y.Moon, C.S.Lee, J.H.lee, C.C.Yun, J.C.Kim, M.Youn, S.Kubono, T.Teranishi, J.J.He, M.Notani, S.Nishimura, M.Nishimura, V.Guimaraes, R.F.Lichtenthaler, S.Kato - CNS-REP-66, p.6 (2005)
Study of the Proton Resonance States in ^{27}P by using a Radioactive Beam of ^{26}Si

2005MOZS K.Morita, K.Morimoto, D.Kaji, T.Akiyama, S.Goto, H.Haba, E.Ideguchi, R.Kanungo, K.Katori, H.Koura, H.Kudo, T.Ohnishi, A.Ozawa, T.Suda, K.Sueki, H.Xu, T.Yamaguchi, A.Yoneda, A.Yoshida, Y.-L.Zhao - RIKEN Accelerator Progress Report 2004, p.70 (2005)
Experiment on synthesis of element 113 in reaction ^{209}Bi(^{70}Zn, n)^{278}113

2005MOZT K.Morita, K.Morimoto, D.Kaji, T.Akiyama, S.Goto, H.Haba, E.Ideguchi, H.Koura, H.Kudo, T.Ohnishi, A.Ozawa, T.Suda, K.Sueki, H.Xu, T.Yamaguchi, A.Yoneda, A.Yoshida, Y.-L.Zhao - RIKEN Accelerator Progress Report 2004, p.69 (2005)
Experiments on synthesis of isotope ^{277}112 by ^{208}Pb + ^{70}Zn reaction

2005MOZU J.Y.Moon, C.-S.Lee, J.-H.Lee, C.C.Yun, J.C.Kim, M.Youn, S.Kubono, T.Teranishi, J.J.He, M.Notani, S.Nishimura, M.Kurata-Nishimura, S.Kato, V.Guimaraes, R.F.Lichtenthaler - RIKEN Accelerator Progress Report 2004, p.63 (2005)
Study of astrophysically important resonance states in ^{26}Si and ^{27}P using radioactive ion beams

2005MOZV M.Mosconi, and the n_TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1335 (2005); AIP Conf.Proc. 769 (2005)
Neutron Capture Cross Sections for the Re / Os Clock

2005MOZW C.Moreau, and the n-TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 880 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Capture Cross Sections of ^{90,91,92,94,96}Zr Isotopes at n_TOF

2005MU15 I.Mukha, E.Roeckl, J.Doring, L.Batist, A.Blazhev, H.Grawe, C.R.Hoffman, M.Huyse, Z.Janas, R.Kirchner, M.La Commara, C.Mazzocchi, C.Plettner, S.L.Tabor, P.Van Duppen, M.Wiedeking - Phys.Rev.Lett. 95, 022501 (2005)
Observation of Proton Radioactivity of the (21^+) High-Spin Isomer in ^{94}Ag

2005MU21 G.Muhrer, E.J.Pitcher, G.J.Russell, F.Maekawa, Y.Kasugai, H.Takada - Nucl.Instrum.Methods Phys.Res. A547, 555 (2005)
Comparison of calculated and measured high energy neutron reaction rates at the manual Jr. Lujan Center Spallation Source

2005MU22 S.Mukherjee, N.L.Singh, G.Kiran Kumar, L.Chaturvedi - Phys.Rev. C 72, 014609 (2005)
Measurement and analysis of isomeric cross section ratios in the reaction ^{93}Nb(α, 2n)^{95}Tc: Pre-equilibrium reaction mechanism

2005MU26 I.Mukha, M.Kavatsyuk, A.Algora, L.Batist, A.Blazhev, J.Doring, H.Grawe, M.Hellstrom, O.Kavatsyuk, R.Kirchner, M.La Commara, C.Mazzocchi, C.Plettner, E.Roeckl - Nucl.Phys. A758, 647c (2005)
The reaction of triple radiative capture $\alpha\alpha$(n, γ)^{9}Be studied in a β decay of ^{9}Li

2005MUZX I.Mukha, E.Roeckl, L.Batist, A.Blazhev, J.Doring, H.Grawe, L.Grigorenko, C.Hoffman, M.Huyse, Z.Janas, R.Kirchner, M.La Commara, C.Mazzocchi, C.Plettner, S.L.Tabor, P.Van Duppen, M.Wiedeking - GSI 2005-1, p.87 (2005)
Two-proton radioactivity of ^{94m}Ag (21^+)

2005MUZY P.Mutti, H.Beer, A.Brusegan, F.Corvi, R.Gallino - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1327 (2005); AIP Conf.Proc. 769 (2005)
New Kr Cross Sections and Astrophysical Constraints on Presolar Grains

2005NA28 B.S.Nara Singh, M.Hass, G.Goldring, D.Ackermann, J.Gerl, F.P.Hessberger, S.Hofmann, I.Kojouharov, P.Kuusiniemi, H.Schaffner, B.Sulignano, B.A.Brown - Phys.Rev. C 72, 027303 (2005)
Parity nonconservation in the γ decay of polarized 17 / 2^- isomers in ^{93}Tc

2005NA30 H.Nassar, M.Paul, S.Ghelberg, A.Ofan, N.Trubnikov, Y.Ben-Dov, M.Hass, B.S.Nara Singh - Nucl.Phys. A758, 411c (2005)
Study of the supernova nucleosynthesis ^{40}Ca(α, γ)^{44}Ti reaction: progress report

2005NA31 Y.Nagai, A.Tomyo, Y.Temma, M.Segawa, T.Shima, H.Makii, M.Igashira, T.Ohsaki - Nucl.Phys. A758, 537c (2005)
Measurement of the keV neutron capture cross section of ^{62}Ni

2005NA32 B.S.Nara Singh, M.Hass, Y.Nir-El, G.Haquin - Nucl.Phys. A758, 689c (2005)
A New Precision Measurement of the ^{3}He(^{4}He, γ)^{7}Be Cross section

2005NAZW H.Nassar, M.Paul, I.Ahmad, Y.Ben-Dov, J.Caggiano, S.Ghelberg, S.Goriely, J.P.Greene, M.Hass, A.Heger, A.Heinz, D.J.Henderson, R.V.F.Janssens, C.L.Jiang, Y.Kashiv, B.S.Nara Singh, A.Ofan, R.C.Pardo, T.Pennington, K.E.Rehm, G.Savard, R.Scott, R.Vondrasek - nucl-ex/0509006,9/03/2005 (2005)
The ^{40}Ca(α, γ)^{44}Ti reaction in the energy regime of supernova nucleosynthesis

2005NAZY M.Nakao, J.Hori, K.Ochiai, S.Sato, M.Yamauchi, N.S.Ishioka, T.Nishitani - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1489 (2005); AIP Conf.Proc. 769 (2005)
Measurements of Deuteron-Induced Activation Cross Sections for IFMIF Accelerator Structural Material

2005NEZY R.O.Nelson, N.Fotiades, M.Devlin, J.A.Becker, P.E.Garrett, W.Younes - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 838 (2005); AIP Conf.Proc. 769 (2005)
Cross-Section Standards for Neutron-Induced Gamma-Ray Production in the MeV Energy Range

2005NIZT M.Niikura, E.Ideguchi, T.Fukuchi, H.Baba, N.Hokoiwa, C.Ishida, H.Iwasaki, T.Koike, T.Komatsubara, T.Kubo, M.Kurokawa, S.Michimasa, K.Miyakawa, K.Morimoto, T.Ohnishi, S.Ota, A.Ozawa, S.Shimoura, T.Suda, M.Tamaki, I.Tanihata, Y.Wakabayashi, K.Yoshida - CNS-REP-66, p.22 (2005)
Study of High-Spin States in $^{49-51}$Ti

2005NIZU S.Nishimura, M.Kurata-Nishimura, H.Fujikawa, A.Guilherume, J.J.He, S.Kubono, H.Yamaguchi, T.Teranishi, Y.Wakabayashi, S.Bishop, M.Kurokawa, T.Kishida, T.Motobayashi - CNS-REP-66, p.9 (2005)
Study of Low Energy Nuclear Reaction Measurements using Monolithic Silicon Telescope at CRIB

2005NIZV M.Niikura, E.Ideguchi, T.Fukuchi, H.Baba, N.Hokoiwa, C.Ishida, H.Iwasaki, T.Koike, T.Komatsubara, T.Kubo, M.Kurokawa, S.Michimasa, K.Miyakawa, K.Morimoto, T.Ohnishi, S.Ota, A.Ozawa, S.Shimoura, T.Suda, M.Tamaki, I.Tanihata, Y.Wakabayashi, K.Yoshida - RIKEN Accelerator Progress Report 2004, p.67 (2005)
Excitation function measurement of neutron-rich Ti isotope by secondary fusion reaction

2005NIZW K.Nishio, H.Ikezoe, Y.Nagame, M.Asai, K.Tsukada, S.Mitsuoka, K.Tsuruta, K.Satou, C.J.Lin, T.Ohsawa - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 977 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Evaporation Residue Cross Sections for the Sub-barrier ^{16}O + ^{238}U Reaction

2005OH08 T.Ohtsubo, F.Bosch, H.Geissel, L.Maier, C.Scheidenberger, F.Attallah, K.Beckert, P.Beller, D.Boutin, T.Faestermann, B.Franczak, B.Franzke, M.Hausmann, M.Hellstrom, E.Kaza, P.Kienle, O.Klepper, H.-J.Kluge, C.Kozhuharov, Yu.A.Litvinov, M.Matos, G.Munzenberg, F.Nolden, Yu.N.Novikov, M.Portillo, T.Radon, J.Stadlmann, M.Steck, T.Stohlker, K.Summerer, K.Takahashi, H.Weick, M.Winkler, T.Yamaguchi - Phys.Rev.Lett. 95, 052501 (2005); Erratum Phys.Rev.Lett. 95, 069901 (2005)
Simultaneous Measurement of β^- Decay to Bound and Continuum Electron States

2005OHZX K.Ohgama, M.Igashira, T.Ohsaki - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 945 (2005); AIP Conf.Proc. 769 (2005)
Systematic Measurement of keV-Neutron Capture Cross Sections and Capture Gamma-Ray Spectra of Zr Isotopes

2005OHZY S.Ohki - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 472 (2005); AIP Conf.Proc. 769 (2005)
Validation of MA Nuclear Data by Sample Irradiation Experiments with the Fast Reactor JOYO

2005OK04 S.Okada, S.Ajimura, K.Aoki, A.Banu, H.C.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.H.Kim, J.H.Kim, M.J.Kim, T.Maruta, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, Y.Okayasu, H.Outa, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, K.Tsukada, T.Watanabe, H.J.Yim - Nucl.Phys. A754, 178c (2005)
π^0 decay branching ratios of $^{5}_{\Lambda}$He and $^{12}_{\Lambda}$C hypernuclei

2005ON03 T.K.Onishi, A.Gelberg, H.Sakurai, K.Yoneda, N.Aoi, N.Imai, H.Baba, P.von Brentano, N.Fukuda, Y.Ichikawa, M.Ishihara, H.Iwasaki, D.Kameda, T.Kishida, A.F.Lisetskiy, H.J.Ong, M.Osada, T.Otsuka, M.K.Suzuki, K.Ue, Y.Utsuno, H.Watanabe - Phys.Rev. C 72, 024308 (2005)
Gamow-Teller decay of the T = 1 nucleus ^{46}Cr

2005OU02 H.Outa, S.Ajimura, K.Aoki, A.Banu, H.C.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.H.Kim, J.H.Kim, M.J.Kim, T.Maruta, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, S.Okada, Y.Okayasu, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K.Tanida, A.Toyoda, K.Tsukada, T.Watanabe, H.J.Yim - Nucl.Phys. A754, 157c (2005)
Hypernuclear weak decay experiments at KEK: n-n and n-p coincidence measurement

2005PA39 K.D.Paschke, for the HAPPEx Collaborations - Nucl.Phys. A755, 241c (2005)
The Second Generation HAPPEx Experiments

2005PA41 J.H.Park, C.S.Lee, Y.K.Kwon, J.H.Lee, J.Y.Kim, K.B.Lee, H.Park - J.Korean Phys.Soc. 47, 23 (2005)
Activation Cross Section Measurements of ^{16}O(n, ^{3}He)^{14}C and ^{16}O(n, t)^{14}N above Neutron Thresholds up to 18.1 MeV

2005PA42 J.Pakarinen, I.G.Darby, S.Eeckhaudt, T.Enqvist, T.Grahn, P.T.Greenlees, V.Hellemans, K.Heyde, F.Johnston-Theasby, P.Jones, R.Julin, S.Juutinen, H.Kettunen, M.Leino, A.-P.Leppanen, P.Nieminen, M.Nyman, R.D.Page, P.M.Raddon, P.Rahkila, C.Scholey, J.Uusitalo, R.Wadsworth - Phys.Rev. C 72, 011304 (2005)
Evidence for oblate structure in ^{186}Pb

2005PA48 D.Pantelica, I.Gh.Stefan, N.Nica, M.-G.Porquet, G.Duchene, A.Astier, S.Courtin, I.Deloncle, F.Hoellinger, A.Bauchet, N.Buforn, L.Donadille, O.Dorvaux, J.Duprat, B.J.P.Gall, C.Gautherin, T.Kutsarova, S.Lalkovski, R.Lucas, M.Meyer, A.Minkova, A.Prevost, N.Redon, N.Schulz, H.Sergolle, O.Stezowski, Ts.Venkova, A.Wilson - Phys.Rev. C 72, 024304 (2005)
High-spin states in $^{92-96}$Zr nuclei

2005PA50 Y.Parpottas, S.M.Grimes, S.Al-Quraishi, C.R.Brune, T.N.Massey, J.E.O'Donnell, J.E.Oldendick, A.Salas, R.T.Wheeler - Phys.Rev. C 72, 025802 (2005)
The ^{17}F(p, γ)^{18}Ne3^{+} resonance state studied with the ^{16}O(^{3}He, n)^{18}Ne reaction

2005PAZW A.Pavlik, P.Baumann, C.Borcea, E.Jericha, S.Jokic, M.Kerveno, S.Lukic, J.P.Meulders, L.C.Mihailescu, R.Nolte, A.J.M.Plompen, I.Raskinyte, G.Rudolf, and the n_TOF Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 876 (2005); AIP Conf.Proc. 769 (2005)
Cross-Section Measurements for (n, xn) Reactions by In-Beam Gamma-Ray Spectroscopy

2005PAZY Yu.N.Pavlenko, V.L.Shablov, F.I.Karmanov, V.N.Dobrikov, O.K.Gorpinich, V.O.Kyva, I.N.Kolomiets - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.179 (2005)
On Excited States of ^{5}He in the Reactions ^{6}Li(d, ^{3}He)^{5}He and ^{7}Li(d, ^{4}He)^{5}He

2005PE12 K.Perajarvi, J.Cerny, J.Hakala, J.Huikari, A.Jokinen, P.Karvonen, J.Kurpeta, D.Lee, I.Moore, H.Penttila, A.Popov, J.Aysto - Nucl.Instrum.Methods Phys.Res. A546, 418 (2005)
New ion-guide for the production of beams of neutron-rich nuclei between Z = 20 - 28

2005PI13 J.A.Pinston, J.Genevey, R.Orlandi, A.Scherillo, G.S.Simpson, I.Tsekhanovich, W.Urban, H.Faust, N.Warr - Phys.Rev. C 71, 064327 (2005)
Shape coexistence in the very neutron-rich odd-odd ^{96}Rb

2005PL04 R.Plag, M.Heil, F.Kappeler, R.Reifarth, K.Wisshak - Nucl.Phys. A758, 415c (2005)
An independent measurement of the ^{12}C(α, γ)^{16}O cross section with the Karlsruhe 4π BaF_2 detector

2005PR16 S.Prakhov, and the Crystal Ball Collaboration - Phys.Rev. C 72, 025201 (2005)
Measurement of the branching ratio for $\eta \rightarrow \pi^0$ $\gamma\gamma$ decay

2005QIZZ Z.Qin, D.Ackermann, W.Bruchle, F.P.Hessberger, E.Jager, P.Kuusiniemi, G.Munzenberg, D.Nayak, E.Schimpf, M.Schadel, B.Schausten, A.Semchenkov, B.Sulignano, K.Eberhardt, J.V.Kratz, D.Liebe, P.Thorle, Yu.N.Novikov - GSI 2005-1, p.75 (2005)
Search for the "missing" α-decay branch in ^{239}Cm

2005RAZZ A.Ray, P.Das, S.K.Saha, S.K.Das, J.J.Das, N.Madhavan, S.Nath, P.Sugathan, P.V.M.Rao, A.Jhingan - nucl-ex/0509021,9/15/2005 (2005)
Change of ^{7}Be decay rate in exohedral and endohedral C_{60} fullerene compounds and its implications

2005RE14 P.Reiter, T.L.Khoo, I.Ahmad, A.V.Afanasjev, A.Heinz, T.Lauritsen, C.J.Lister, D.Seweryniak, P.Bhattacharyya, P.A.Butler, M.P.Carpenter, A.J.Chewter, J.A.Cizewski, C.N.Davids, J.P.Greene, P.T.Greenlees, K.Helariutta, R.-D.Herzberg, R.V.F.Janssens, G.D.Jones, R.Julin, H.Kankaanpaa, H.Kettunen, F.G.Kondev, P.Kuusiniemi, M.Leino, S.Siem, A.A.Sonzogni, J.Uusitalo, I.Wiedenhover - Phys.Rev.Lett. 95, 032501 (2005)
Structure of the Odd-A, Shell-Stabilized Nucleus $^{253}_{102}$No

2005RE22 R.Reifarth, M.Heil, R.Plag, U.Besserer, S.Dababneh, L.Dorr, J.Gorres, R.C.Haight, F.Kappeler, A.Mengoni, S.O'Brien, N.Patronis, R.S.Rundberg, M.Wiescher, J.B.Wilhelmy - Nucl.Phys. A758, 787c (2005)
Stellar neutron capture rates of ^{14}C

2005RI11 L.A.Riley, M.A.Abdelqader, D.Bazin, M.J.Bojazi, B.A.Brown, C.M.Campbell, J.A.Church, P.D.Cottle, D.-C.Dinca, J.Enders, A.Gade, T.Glasmacher, M.Honma, S.Horibe, Z.Hu, K.W.Kemper, W.F.Mueller, H.Olliver, T.Otsuka, B.C.Perry, B.T.Roeder, B.M.Sherrill, T.P.Spencer, J.R.Terry - Phys.Rev. C 72, 024311 (2005)
Thick-target inverse-kinematics proton scattering from ^{46}Ar and the N = 28 shell below ^{48}Ca

2005RI13 A.Rinollo, S.Romano, C.Spitaleri, C.Bonomo, S.Cherubini, A.Del Zoppo, P.Figuera, M.La Cognata, L.Lamia, A.Musumarra, M.G.Pellegriti, R.G.Pizzone, C.Rolfs, D.Schurmann, F.Strieder, S.Tudisco, A.Tumino - Nucl.Phys. A758, 146c (2005)
Measurement of cross section and astrophysical factor of the d(d, p)t reaction using the Trojan Horse Method

2005RO19 A.P.Robinson, P.J.Woods, D.Seweryniak, C.N.Davids, M.P.Carpenter, A.A.Hecht, D.Peterson, S.Sinha, W.B.Walters, S.Zhu - Phys.Rev.Lett. 95, 032502 (2005)
Ground State Proton Radioactivity from ^{121}Pr: When Was This Exotic Nuclear Decay Mode First Discovered ?

2005RO21 T.Rostomyan, for the GDH and A2 Collaborations - Nucl.Phys. A755, 451c (2005)
Helicity dependence of pion photoproduction on the proton: new results from Mainz

2005RO29 C.D.Roper, W.Tornow, R.T.Braun, Q.Chen, A.Crowell, D.Gonzalez Trotter, C.R.Howell, F.Salinas, R.Setze, R.L.Walter, Z.Chen, H.Tang, Z.Zhou - Phys.Rev. C 72, 024605 (2005)
Measurements of $A_y(\theta)$ for ^{12}C(n, n)^{12}C from E_n = 2.2 to 8.5 MeV

2005RU14 G.Rusev, R.Schwengner, F.Donau, S.Frauendorf, L.Kaubler, L.K.Kostov, S.Mallion, K.D.Schilling, A.Wagner, E.Grosse, H.von Garrel, U.Kneissl, C.Kohstall, M.Kreutz, H.H.Pitz, M.Scheck, F.Stedile, P.von Brentano, J.Jolie, A.Linnemann, N.Pietralla, V.Werner - Phys.Rev.Lett. 95, 062501 (2005)
Decay of 1^+ States as a New Probe of the Structure of 0^+ Shape Isomers

2005RU15 C.Ruiz, M.Aliotta, R.E.Azuma, R.N.Boyd, L.Buchmann, A.Chen, N.M.Clarke, J.M.D'Auria, T.Davinson, B.R.Fulton, D.Groombridge, D.Hutcheon, A.M.Laird, A.S.Murphy, J.Pearson, I.Roberts, A.Robinson, F.Sarazin, A.C.Shotter, P.Walden, P.J.Woods - Nucl.Phys. A758, 166c (2005)
Multichannel R-matrix analysis of elastic and inelastic resonances in the ^{20,21}Na+p compound systems

2005SA37 T.Saito, K.Yoshida, M.Oikawa, Y.Suga, K.Kino, T.Nakagawa, T.Tohei, K.Abe, H.Ueno - Phys.Rev. C 71, 064313 (2005)
Direct evidence of core excitation in the giant resonance through the (e, e'n) reaction

2005SA40 J.Sauvage, F.Ibrahim, B.Roussiere, J.Genevey, A.Gizon, G.Marguier, P.Kilcher, A.Knipper, R.Beraud, G.Cata-Danil, F.Le Blanc, J.Obert, J.Oms, J.C.Putaux, C.Richard-Serre, A.Wojtasiewicz, and the ISOLDE and NICOLE Collaborations - Eur.Phys.J. A 25, 5 (2005)
Low-spin states of doubly odd ^{184}Au

2005SA44 G.Savard, F.Buchinger, J.A.Clark, J.E.Crawford, S.Gulick, J.C.Hardy, A.A.Hecht, J.K.P.Lee, A.F.Levand, N.D.Scielzo, H.Sharma, K.S.Sharma, I.Tanihata, A.C.C.Villari, Y.Wang - Phys.Rev.Lett. 95, 102501 (2005)
Q Value of the Superallowed Decay of ^{46}V and Its Influence on V_{ud} and the Unitarity of the Cabibbo-Kobayashi-Maskawa Matrix

2005SAZS T.Saito, H.Sakai, T.Ikeda, K.Itoh, T.Kawabata, H.Kuboki, Y.Maeda, N.Matsui, M.Sasano, Y.Satou, K.Sekiguchi, K.Suda, A.Tamii, T.Uesaka, K.Yako - CNS-REP-66, p.32 (2005)
Bell's Inequality Test via the ^{1}H(d, ^{2}He)n Reaction

2005SAZT S.Sakaguchi, T.Wakui, T.Uesaka, K.Itoh, T.Kawabata, H.Kuboki, Y.Maeda, H.Sakai, Y.Sasamoto, M.Sasano, K.Sekiguchi, K.Suda, Y.Takahashi, K.Yako - RIKEN Accelerator Progress Report 2004, p.36 (2005)
Absolute calibration of proton polarization via p(pol) + ^{4}He elastic scattering

2005SAZU H.Sakane, K.Furutaka, O.Shcherbakov, H.Harada, T.Fujii, H.Yamana - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1000 (2005); AIP Conf.Proc. 769 (2005)
Development of a Method of Thermal-Neutron Capture Cross Section Measurement by Unfolding Prompt Gamma-Ray Spectra

2005SAZX A.Sanchez i Zafra, C.Beck, F.Haas, P.Papka, V.Rauch, M.Rousseau, F.Azaiez, P.Bednarczyk, S.Courtin, D.Curien, O.Dorvaux, A.Nourreddine, J.Robin, M.D.Salsac, W.von Oertzen, B.Gebauer, T.Kokalova, S.Thummerer, C.Wheldon, G.de Angelis, A.Gadea, S.Lenzi, D.R.Napoli, S.Szilner, W.N.Catford, D.Jenkins - Proc. XLIII Intern.Winter Meeting on Nuclear Physics, Bormio, Italy, 14 - 19 March 2005, I.Iori and A.Bortolotti, eds., p.224 (2005)
Study of binary reaction channels in the ^{24}Mg + ^{12}C collision

2005SC17 D.Schurmann, A.Di Leva, N.De Cesare, L.Gialanella, G.Imbriani, C.Lubritto, A.Ordine, V.Roca, H.Rocken, C.Rolfs, D.Rogalla, M.Romano, F.Schumann, F.Strieder, F.Terrasi, H.-P.Trautvetter - Nucl.Phys. A758, 367c (2005)
Measurement of the cross section of ^{12}C(α, γ)^{16}O using the recoil mass separator ERNA

2005SCZW D.Schumann, R.Weinreich, R.Michel, H.-A.Synal, P.Kubik - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1517 (2005); AIP Conf.Proc. 769 (2005)
Excitation Functions for the Production of ^{10}Be, ^{26}Al, ^{129}I, and ^{36}Cl in the Reaction ^{nat}Pb(p, xn-yp)^{A}Z with Proton Energies up to 2.6 GeV

2005SCZX F.Schumann, S.Typel, F.Hammache, K.Summerer, F.Uhlig, I.Bottcher, D.Cortina, A.Forster, M.Gai, H.Geissel, U.Greife, E.Grosse, N.Iwasa, P.Koczon, B.Kohlmeyer, R.Kulessa, H.Kumagai, N.Kurz, M.Menzel, T.Motobayashi, H.Oeschler, A.Ozawa, M.Ploskon, W.Prokopowicz, E.Schwab, P.Senger, F.Strieder, C.Sturm, Z.-Y.Sun, G.Surowka, A.Wagner, W.Walus - nucl-ex/0508014,08/11/2005 (2005)
Coulomb dissociation of ^{8}B and the low-energy cross section of the ^{7}Be(p, γ)^{8}B solar fusion reaction

2005SE14 N.Severijns, D.Venos, P.Schuurmans, T.Phalet, M.Honusek, D.Srnka, B.Vereecke, S.Versyck, D.Zakoucky, U.Koster, M.Beck, B.Delaure, V.Golovko, I.Kraev - Phys.Rev. C 71, 064310 (2005)
Isospin mixing in the T=5 / 2 ground state of ^{71}As

2005SE16 M.Seimetz, for the A1 Collaboration - Nucl.Phys. A755, 253c (2005)
Measurement of the Electric Form Factor of the Neutron at MAMI

2005SE17 A.Serebrov, V.Varlamov, A.Kharitonov, A.Fomin, Yu.Pokotilovski, P.Geltenbort, J.Butterworth, I.Krasnoschekova, M.Lasakov, R.Taldaev, A.Vassiliev, O.Zherebtsov - J.Res.Natl.Inst.Stand.Technol. 110, 333 (2005)
Measurement of the Neutron Lifetime Using a Gravitational Trap and a Low-Temperature Fomblin Coating

2005SE19 M.Segawa, Y.Nagai, T.Shima, H.Makii, K.Mishima, H.Ueda, Y.Temma, T.Masaki, M.Igashira, T.Ohsaki, T.Shizuma, T.Hayakawa - Nucl.Phys. A758, 553c (2005)
Neutron experiment for the study of Re / Os cosmochronometer

2005SEZW V.Semkova, A.J.M.Plompen, D.L.Smith - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1019 (2005); AIP Conf.Proc. 769 (2005)
Measurement of the ^{58}Ni(n, t)^{56}Co, ^{59}Co(n, p)^{59}Fe, and ^{63}Cu(n, α)^{60}Co Reaction Cross Sections from 14 to 20 MeV

2005SEZX V.Semkova, A.J.M.Plompen, D.L.Smith - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 981 (2005); AIP Conf.Proc. 769 (2005)
Light Charged-Particle Production Activation Cross Sections of Zr Isotopes from 14 to 20 MeV

2005SH23 J.Shergur, A.Wohr, W.B.Walters, K.-L.Kratz, O.Arndt, B.A.Brown, J.Cederkall, I.Dillmann, L.M.Fraile, P.Hoff, A.Joinet, U.Koster, B.Pfeiffer - Phys.Rev. C 71, 064321 (2005)
Level structure of odd-odd ^{134}Sb populated in the β^- decays of ^{134,135}Sn

2005SH24 J.Shergur, D.J.Dean, D.Seweryniak, W.B.Walters, A.Wohr, P.Boutachkov, C.N.Davids, I.Dillmann, A.Juodagalvis, G.Mukherjee, S.Sinha, A.Teymurazyan, I.Zartova - Phys.Rev. C 71, 064323 (2005)
Identification of low-spin states in ^{111}Sb: Test of spin-orbit coupling in light nuclei

2005SH26 T.Shizuma, T.Hayakawa, S.Mitarai, T.Morikawa, T.Ishii - Phys.Rev. C 71, 067301 (2005)
Identification of the $K^\pi = 11 / 2^+$ isomer in neutron-rich ^{187}W

2005SH36 J.Shergur, A.Wohr, W.B.Walters, K.-L.Kratz, O.Arndt, B.A.Brown, J.Cederkall, I.Dillmann, L.M.Fraile, P.Hoff, A.Joinet, U.Koster, B.Pfeiffer - Phys.Rev. C 72, 024305 (2005)
Identification of shell-model states in ^{135}Sb populated via β^- decay of ^{135}Sn

2005SH37 T.Shizuma, H.Utsunomiya, P.Mohr, T.Hayakawa, S.Goko, A.Makinaga, H.Akimune, T.Yamagata, M.Ohta, H.Ohgaki, Y.-W.Lui, H.Toyokawa, A.Uritani, S.Goriely - Phys.Rev. C 72, 025808 (2005)

Photodisintegration cross section measurements on ^{186}W, ^{187}Re, and ^{188}Os: Implications for the Re-Os cosmochronology

2005SH38 W.Shi, M.Redshaw, E.G.Myers - Phys.Rev. A 72, 022510 (2005)
Atomic masses of ^{32,33}S, ^{84,86}Kr, and ^{129,132}Xe with uncertainties $\leq$ 0.1 ppb

2005SH41 T.Shizuma, H.Utsunomiya, S.Goko, P.Mohr, T.Hayakawa, A.Makinaga, K.Y.Hara, H.Ohgaki, Y.-W.Lui, S.Goriely - Nucl.Phys. A758, 561c (2005)
Photoneutron cross section measurements on ^{186}W, ^{187}Re and ^{188}Os for cosmochronology

2005SHZT O.Shcherbakov, H.Harada, K.Furutaka, S.Nakamura, H.Sakane, K.Kobayashi, S.Yamamoto, J.-i.Hori - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1007 (2005); AIP Conf.Proc. 769 (2005)
Measurement of the Np-237 Neutron Capture Cross Section from Thermal to 100 eV

2005SHZU T.Shimizu, K.Arakita, I.Miyazaki, M.Shibata, K.Kawade, J.-i.Hori, K.Ochiai, T.Nishitani - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 992 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Activation Cross Sections Producing Short-Lived Nuclei with Pulsed Neutron Beam

2005SHZW Yu.Shitov, on behalf of the NEMO Collaboration - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.42 (2005)
Search for Neutrinoless Double Beta Decay with NEMO-3 and SUPERNEMO

2005SHZX T.Shizuma, H.Utsunomiya, P.Mohr, T.Hayakawa, S.Goko, A.Makinaga, H.Akimune, T.Yamagata, M.Ohta, H.Ohgaki, Y.-W.Lui, H.Toyokawa, A.Uritani, S.Goriely - nucl-ex/0506027,6/30/2005 (2005)
Photo-disintegration cross section measurements on ^{186}W, ^{187}Re and ^{188}Os: implications to the Re-Os cosmochronology

2005SI21 N.L.Singh, S.Mukherjee, M.S.Gadkari - Int.J.Mod.Phys. E14, 611 (2005)
Excitation functions of alpha induced reactions on natural nickel up to 50 MeV

2005SI23 A.J.Simons, R.Wadsworth, D.G.Jenkins, R.M.Clark, M.Cromaz, M.A.Deleplanque, R.M.Diamond, P.Fallon, G.J.Lane, I.Y.Lee, A.O.Macchiavelli, F.S.Stephens, C.E.Svensson, K.Vetter, D.Ward, S.Frauendorf, Y.Gu - Phys.Rev. C 72, 024318 (2005)
Investigation of antimagnetic rotation in light Cadmium nuclei: ^{106,108}Cd

2005SIZY S.P.Simakov, M.G.Kobosev, A.A.Lychagin, V.A.Talalaev, D.Yu.Chuvilin, V.M.Maslov - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 67 (2005); AIP Conf.Proc. 769 (2005)
Benchmarking of Uranium-238 Evaluations against Spherical Transmission and (n, xn)-Reaction Experimental Data

2005SK03 F.Skaza, N.Keeley, V.Lapoux, N.Alamanos, F.Auger, D.Beaumel, E.Becheva, Y.Blumenfeld, F.Delaunay, A.Drouart, A.Gillibert, L.Giot, K.W.Kemper, R.S.Mackintosh, L.Nalpas, A.Pakou, E.C.Pollacco, R.Raabe, P.Roussel-Chomaz, J.-A.Scarpaci, J.-L.Sida, S.Stepantsov, R.Wolski - Phys.Lett. B 619, 82 (2005)
Important pickup coupling effect on ^{8}He(p, p) elastic scattering

2005SK04 V.R.Skoy, T.Ino, Y.Masuda, S.Muto, G.Kim - J.Res.Natl.Inst.Stand.Technol. 110, 471 (2005)
On the Way to Experimental Test of the Time Reversal Invariance in the Nuclear Reactions

2005SKZZ Ye.Skakun, S.M.Qaim - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1634 (2005); AIP Conf.Proc. 769 (2005)
Excitation Functions of Helion-Induced Nuclear Reactions for the Production of the Medical Radioisotope ^{103}Pd

2005SM04 D.Smirnov, F.Aksouh, S.Dean, H.De Witte, M.Huyse, O.Ivanov, P.Mayet, I.Mukha, R.Raabe, J.-C.Thomas, P.Van Duppen, C.Angulo, J.Cabrera, A.Ninane, T.Davinson - Nucl.Instrum.Methods Phys.Res. A547, 480 (2005)
Application of a thin double-sided microstrip detector for the registration of β-delayed charged particles: The ^{6}He β decay into the two-body continuum of ^{6}Li

2005SM07 J.F.Smith, C.J.Chiara, M.P.Carpenter, H.J.Chantler, P.T.W.Choy, C.N.Davids, M.Devlin, J.L.Durell, D.B.Fossan, S.J.Freeman, R.V.F.Janssens, N.S.Kelsall, T.Koike, D.R.LaFosse, E.S.Paul, P.Reiter, D.G.Sarantites, D.Seweryniak, K.Starosta, R.Wadsworth, A.N.Wilson, P.-H.Heenen - Phys.Lett. B 625, 203 (2005)
First observation of very neutron-deficient ^{122}Ce

2005SMZX A.B.Smith - ANL/NDM-161 (2005)
Neutron Scattering from the Standard ^{197}Au

2005SMZZ A.N.Smirnov, V.P.Eismont, N.P.Filatov, S.N.Kirillov, J.Blomgren, H.Conde, N.Olsson, M.Duijvestijn, A.Koning - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 637 (2005); AIP Conf.Proc. 769 (2005)
Correlation of Intermediate Energy Proton- and Neutron-Induced Fission Cross Sections in the Lead-Bismuth Region

2005SO09 D.Sohler, J.Timar, G.Rainovski, P.Joshi, K.Starosta, D.B.Fossan, J.Molnar, R.Wadsworth, A.Algora, P.Bednarczyk, D.Curien, Zs.Dombradi, G.Duchene, A.Gizon, J.Gizon, D.G.Jenkins, T.Koike, A.Krasznahorkay, E.S.Paul, P.M.Raddon, J.N.Scheurer, A.J.Simons, C.Vaman, A.R.Wilkinson, L.Zolnai - Phys.Rev. C 71, 064302 (2005)
High-spin structure of ^{102}Ru

2005SPZZ S.Spataro, for the HADES Collaboration - Proc. XLIII Intern.Winter Meeting on Nuclear Physics, Bormio, Italy, 14 - 19 March 2005, I.Iori and A.Bortolotti, eds., p.305 (2005)
pp collisions at 2.2GeV with HADES

2005ST22 E.A.Stefanova, N.Benczer-Koller, G.J.Kumbartzki, Y.Y.Sharon, L.Zamick, S.J.Q.Robinson, L.Bernstein, J.R.Cooper, D.Judson, M.J.Taylor, M.A.McMahan, L.Phair - Phys.Rev. C 72, 014309 (2005)
Near spherical shell-model structure of the 2_1^+ state in ^{40}Ar from g-factor measurements

2005ST23 A.Starostin, for the Crystal Ball Collaboration - Phys.Rev. C 72, 015205 (2005)
Measurement of π^- p $\rightarrow \pi^0$ n in the vicinity of the η threshold

2005SUZV K.Suda, H.Mardanpour, H.R.Amir-Ahmadi, N.Kalantar-Nayestanaki, T.Kawabata, H.Kuboki, Y.Maeda, J.G.Messchendorp, S.Sakaguchi, H.Sakai, N.Sakamoto, Y.Sasamoto, K.Sekiguchi, Y.Takahashi, T.Uesaka, K.Yako - CNS-REP-66, p.34 (2005)
Determination of Vector and Tensor Analyzing Powers in Deuteron-Proton Elastic Scattering via the ^{12}C(d(pol), α)^{10}B*[2$^+$] Reaction

2005SUZX B.Sulignano, F.P.Hessberger, S.Hofmann, D.Ackermann, S.Antalic, I.Kojouharov, P.Kuusiniemi, R.Mann, K.Nishio, S.Saro, B.Streicher, M.Venhart - GSI 2005-1, p.74 (2005)
Evidence for an Isomeric State in ^{251}No

2005SZ03 Z.Szeglowski, B.Kubica, D.T.Lien, S.Timokhin, M.Tuteja-Krysa, H.Godunowa, R.Misiak, M.Stobinski - J.Radioanal.Nucl.Chem. 265, 367 (2005)
A ^{212}Pb generator for model experiments on aqueous chemistry of element 114

2005TA19 H.Tamura, and the E930('01) / E509 / E518 Collaborations - Nucl.Phys. A754, 58c (2005)
γ-ray spectroscopy in Λ hypernuclei

2005TA23 G.Tagliente, for the n_TOF Collaboration - Nucl.Phys. A758, 573c (2005)
Measurements of the ^{90,91,92,94,96}Zr(n, γ) cross-sections at n_TOF

2005TAZS F.Tarkanyi, F.Ditroi, S.Takacs, I.Mahunka, J.Csikai, M.S.Uddin, M.Hagiwara, M.Baba, T.Ido, A.Hermanne, Yu.Shubin, A.I.Dityuk - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1662 (2005); AIP Conf.Proc. 769 (2005)
Excitation Functions of Proton-Induced Reactions on ^{nat}Sn and ^{nat}Cd: Relevance to the Production of ^{111}In and ^{114m}In for Medical Applications

2005TAZT F.Tarkanyi, F.Ditroi, S.Takacs, J.Csikai, I.Mahunka, M.S.Uddin, M.Hagiwara, M.Baba, T.Ido, A.Hermanne, M.Sonck, Yu.Shubin, A.I.Dityuk - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1658 (2005); AIP Conf.Proc. 769 (2005)

Excitation Functions for Production of ^{88}Zr and ^{88}Y by Proton and Deuteron Irradiation of Mo, Nb, Zr, and Y

2005TAZV F.Tarkanyi, F.Ditroi, S.Takacs, B.Kiraly, A.Hermanne, M.S.Uddin, M.Hagiwara, M.Baba, Yu.N.Shubin, A.I.Dityuk - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1023 (2005); AIP Conf.Proc. 769 (2005)
Cross Sections of Proton Induced Nuclear Reactions on Iridium

2005TAZW F.Tarkanyi, S.Takacs, F.Ditroi, J.Csikai, A.Hermanne, M.S.Uddin, M.Hagiwara, M.Baba, Yu.N.Shubin, A.I.Dityuk - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1015 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Activation Cross Sections of the Proton, Deuteron, and Alpha Particle-Induced Nuclear Reactions on Platinum

2005TEZX T.Teranishi, S.Kubono, H.Yamaguchi, J.J.He, A.Saito, Y.Wakabayashi, H.Fujikawa, G.Amadio, S.Nishimura, M.Nishimura, J.Y.Moon, C.S.Lee, A.Odahara, D.Sohler, M.Niikura, Z.H.Li, G.Lian, L.H.Khiem - CNS-REP-66, p.5 (2005)
Study of ^{13}N + p Resonance States

2005TEZY T.Teranishi, S.Kubono, J.J.He, M.Notani, T.Fukuchi, S.Shimoura, S.Nishimura, M.Nishimura, S.Michimasa, Y.Wakabayashi, N.Hokoiwa, Y.Gono, A.Odahara, H.Baba, J.Y.Moon, J.H.Lee, C.S.Lee, J.C.Kim, H.Ishiyama, Y.X.Watanabe, T.Hashimoto, T.Ishikawa, M.H.Tanaka, H.Miyatake, V.Guimaraes, R.Lichtenthaler, H.Sato, T.Kawamura, S.Kato - RIKEN Accelerator Progress Report 2004, p.59 (2005)
Elastic resonance scattering of ^{23}Mg + p

2005TH09 J.S.Thomas, D.W.Bardayan, J.C.Blackmon, J.A.Cizewski, R.P.Fitzgerald, U.Greife, C.J.Gross, M.S.Johnson, K.L.Jones, R.L.Kozub, J.F.Liang, R.J.Livesay, Z.Ma, B.H.Moazen, C.D.Nesaraja, D.Shapira, M.S.Smith, D.W.Visser - Nucl.Phys. A758, 663c (2005)
Neutron Single-Particle States in r-Process Nuclei Near Closed Shells

2005TIZX Yu.E.Titarenko, V.F.Batyaev, V.M.Zhivun, R.D.Mulambetov, S.V.Mulambetova, S.L.Zaitsev, S.G.Mashnik, R.E.Prael - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 1070 (2005); AIP Conf.Proc. 769 (2005)
Excitation Functions of Products from ^{208,207,206,nat}Pb and ^{209}Bi (p, x) Reactions Measured in the 40-2600 MeV Energy Range and Predicted Theoretically

2005TIZY Y.E.Titarenko, V.F.Batyaev, R.D.Mulambetov, V.M.Zhivun, V.S.Barashenkov, S.G.Mashnik, Y.N.Shubin, A.V.Ignatyuk - nucl-ex/0507009,7/05/2005 (2005)
Excitation Functions of Product Nuclei from 40-2600 MeV Proton-Irradiated ^{206,207,208,nat}Pb and ^{209}Bi

2005TO11 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 - Nucl.Phys. A758, 182c (2005)
Study of ^{26}Si(p, γ)^{27}P reaction using Coulomb dissociation method

2005TR09 Yu.A.Troyan, A.V.Beljaev, A.Yu.Troyan, E.B.Plekhanov, A.P.Jerusalimov, G.B.Piskaleva, S.G.Arakelian - Part. and Nucl., Lett. 124, 36 (2005)
The Search and Study of the Baryonic Resonances with the Strangeness S = +1 in the System on nK$^+$ from the Reaction np $\rightarrow$ npK$^+$K$^-$ at the Momentum of Incident Neutrons P$_n$ = (5.20 $\pm$ 0.12) GeV / c

2005TR11 M.Trinczek, C.C.Jewett, J.M.D'Auria, S.Bishop, L.Buchmann, A.A.Chen, S.Engel, D.Gigliotti, U.Greife, D.Hunter, A.Hussein, D.Hutcheon, J.Jose, A.M.Laird, M.Lamey, R.Lewis, A.Olin, D.Ottewell, P.Parker, M.M.Pavan, J.E.Pearson, J.Rogers, C.Ruiz, C.Wrede - Nucl.Phys. A758, 729c (2005)
Direct Measurement of the ^{21}Na(p, γ)^{22}Mg Reaction: Resonance Strengths and Gamma-Gamma Analysis

2005TRZY M.J.Trbovich, D.P.Barry, R.E.Slovacek, Y.Danon, R.C.Block, J.A.Burke, N.Drindak, G.Leinweber, R.V.Ballad - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 949 (2005); AIP Conf.Proc. 769 (2005)
Hafnium Resonance Parameter Analysis using Neutron Capture and Transmission Experiments

2005TRZZ R.Tramontano, O.Helene, P.R.Pascholati, N.L.Maidana, V.R.Vanin - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 261 (2005); AIP Conf.Proc. 769 (2005)
Gamma Spectroscopy and Gamma-Ray Intensity Determination for ^{48}V

2005UD02 M.S.Uddin, M.Hagiwara, M.Baba, F.Tarkanyi, F.Ditroi - Appl.Radiat.Isot. 63, 367 (2005)
Experimental studies on excitation functions of the proton-induced activation reactions on yttrium

2005UEZZ T.Uesaka, T.Ikeda, T.Kawabata, H.Okamura, K.Itoh, H.Sakai, K.Yako, T.Saito, H.Kuboki, M.Sasano, K.Sekiguchi - RIKEN Accelerator Progress Report 2004, p.35 (2005)
Tensor analyzing power for the d(pol) + α backward scattering

2005UG04 C.Ugalde, R.Azuma, A.Couture, J.Gorres, M.Heil, K.Scheller, E.Stech, W.Tan, M.Wiescher - Nucl.Phys. A758, 577c (2005)
The reaction rate for the destruction of fluorine in AGB stars

2005UK01 M.Ukai, O.Hashimoto, Y.Miura, T.Miyoshi, K.Mizunuma, S.N.Nakamura, Y.Okayasu, H.Tamura, S.Ajimura, T.Kishimoto, T.Hayakawa, S.Minami, H.Akikawa, K.Imai, H.Takahashi, D.E.Alburger, R.E.Chrien, H.Hotchi, M.May, P.Pile, A.Rusek, R.Sutter, T.Nagae, Y.Sato, A.Banu, G.B.Franklin, B.P.Quinn, J.Franz, K.Nakazawa, K.Tanida, L.Tang, L.Yuan, and the E930 '01 Collaboration - Nucl.Phys. A754, 70c (2005)
Observation of hypernuclear fine structure in $^{16}_{\Lambda}$O

2005UN01 Unnati, M.K.Sharma, B.P.Singh, R.Prasad, S.Gupta, H.D.Bhardwaj, A.K.Sinha - Int.J.Mod.Phys. E14, 775 (2005)
A study of excitation functions for some residues produced in the system ^{14}N + ^{128}Te in the energy range ≈ 64-90 MeV

2005UOZZ M.A.M.Uosif, R.Michel, U.Herpers, P.-W.Kubik, M.Duijvestijn, A.Koning - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1547 (2005); AIP Conf.Proc. 769 (2005)
Residual Nuclide Production by Proton-Induced Reactions on Uranium for Energies between 20 and 70 MeV

2005UR02 W.Urban, T.Rzaca-Urban, J.A.Pinston, J.L.Durell, W.R.Phillips, A.G.Smith, B.J.Varley, I.Ahmad, N.Schulz - Phys.Rev. C 72, 027302 (2005)
Near-yrast, medium-spin structure of the ^{107}Mo nucleus

2005VA27 W.A.van Wijngaarden - Can.J.Phys. 83, 327 (2005)
Precision measurements of fine and hyperfine structure in lithium I and II

2005VAZZ S.I.Vasiliev, K.Ya.Gromov, A.A.Klimenko, Zh.K.Samatov, A.A.Smolnikov, V.I.Fominykh, V.G.Chumin - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.320 (2005)
Coincidence Summation in γ-Ray Spectra. Determination of Intensity for Weak Cross Over γ-Transitions

2005VEZZ C.Vermeulen, G.F.Steyn, F.M.Nortier, T.N.van der Walt, F.Szelecsenyi, Z.Kovacs, S.M.Qaim - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1650 (2005); AIP Conf.Proc. 769 (2005)
Excitation Functions and Production Rates of Radionuclides Produced in the Proton Bombardment of ^{nat}Pr and ^{nat}La

2005VIZY S.E.Vigdor, for the CE71 Collaboration - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 820 (2005); AIP Conf.Proc. 769 (2005)
Measurement of Absolute np Scattering Differential Cross Sections with a Tagged Intermediate-Energy Neutron Beam

2005VIZZ I.N.Vishnevsky, V.A.Zheltonozhsky, N.V.Strilchuk, S.S.Drapej - Book of Abstracts, LV National Conference on Nuclear Physics "Frontiers in the Physics of Nucleus", St.-Petersburg, p.65 (2005)

Investigation of Gamma-Transition's ICC in ^{115}In, ^{117}Sn and ^{125}Te Nuclei with a High Precision

2005VO17 C.Vockenhuber, R.Golser, W.Kutschera, A.Priller, P.Steier, A.Wallner, M.Bichler - Nucl.Phys. A758, 340c (2005)
^{182}Hf - from geophysics to astrophysics

2005VOZX A.S.Vorobyev, V.N.Dushin, F.-J.Hambsch, V.A.Jakovlev, V.A.Kalinin, A.B.Laptev, B.F.Petrov, O.A.Shcherbakov - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 613 (2005); AIP Conf.Proc. 769 (2005)
Distribution of Prompt Neutron Emission Probability for Fission Fragments in Spontaneous Fission of ^{252}Cf and ^{244,248}Cm

2005WA22 T.J.Wasowicz, R.Drozdowski, J.Kwela - Phys.Scr. 72, 200 (2005)
Hyperfine Structure Study of Several Lines of ^{207}Pb I - Part II

2005WA23 S.Wang, H.Hua, J.Meng, Z.H.Li, S.Q.Zhang, F.R.Xu, H.L.Liu, Y.L.Ye, D.X.Jiang, T.Zheng, Q.J.Wang, Z.Q.Chen, C.E.Wu, G.L.Zhang, D.Y.Pang, J.Wang, J.L.Lou, B.Guo, G.Jin, S.G.Zhou, L.H.Zhu, X.G.Wu, G.S.Li, S.X.Wen, C.Y.He, X.Z.Cui, Y.Liu - Phys.Rev. C 72, 024317 (2005)
High-spin states in ^{152}Gd

2005WA25 H.-L.Wang, Y.-H.Zhang, X-H.Zhou, Y.-X.Guo, X.-G.Lei, S.-W.Xu, Y.-X.Xie, M.-L.Liu, Y.Zheng, Y.-B.Xing, C.-Y.Xie, L.-T.Song, P.Luo, H.-P.Yu, W.-T.Guo - Chin.Phys.Lett. 22, 2211 (2005)
Identification of New β-Delayed γ Rays and a Low-Spin Isomer in ^{176}Ir

2005WAZS Y.Wakabayashi, A.Odahara, Y.Gono, T.Fukuchi, T.Teranishi, S.Kubono, H.Yamaguchi, A.Saito, E.Ideguchi, S.Nishimura, J.J.He, H.Fujikawa, G.Amadio, S.Ota, J.Y.Moon, M.Notani, Y.Yanagisawa, S.Michimasa, S.Shimoura, H.Watanabe, T.Kishida, H.Baba, M.Nishimura, T.Ishii - CNS-REP-66, p.15 (2005)
Search for High-Spin Isomers in N = 51 Isotones using a Secondary ^{17}N Beam

2005WAZU A.Wallner, R.Golser, W.Kutschera, A.Priller, P.Steier, C.Vockenhuber, H.Vonach, T.Faestermann, K.Knie, G.Korschinek - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 621 (2005); AIP Conf.Proc. 769 (2005)
Potential of AMS for Quantifying Long-Lived Reaction Products

2005WAZW R.E.Warner, F.Carstoiu, J.A.Brown, F.D.Becchetti, D.A.Roberts, B.Davids, A.Galonsky, R.M.Ronningen, M.Steiner, M.Horoi, J.J.Kolata, A.Nadasen, C.Samanta, J.Schwarzenberg, K.Subotic - nucl-ex/0507025,7/18/2005 (2005)
Reaction and proton-removal cross sections of ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O and ^{17}Ne on Si at 15 to 53 MeV / nucleon

2005WAZX D.P.Watts, J.R.M.Annand, R.Beck, D.Branford, D.Glazier, P.Grabmayr, K.Livingston, I.J.D.MacGregor, J.C.McGeorge, R.O.Owens - nucl-ex/0506018,6/14/2005 (2005)
Dependence of the ^{12}C(γ(pol), pd) reaction on photon linear polarization

2005WI17 F.E.Wietfeldt, M.S.Dewey, D.M.Gilliam, J.S.Nico, X.Fei, W.M.Snow, G.L.Greene, J.Pauwels, R.Eykens, A.Lamberty, J.Van Gestel - J.Res.Natl.Inst.Stand.Technol. 110, 327 (2005)
Measurement of the Neutron Lifetime by Counting Trapped Protons

2005WIZZ K.Wisshak, F.Voss, F.Kappeler, L.Kazakov, M.Krticka - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.2, p. 1315 (2005); AIP Conf.Proc. 769 (2005)
Stellar Neutron Capture Cross Sections of the Lu and Hf Isotopes

2005WO06 A.Wolf, Z.Berant, N.V.Zamfir, D.S.Brenner, E.A.McCutchan, H.Ai, R.F.Casten, K.Dusling, A.Heinz, D.A.Meyer, E.A.Millman, N.Pietralla, C.Plettner, J.Qian, P.H.Regan, D.Swanson, J.Vinson, E.Williams, R.Winkler - Phys.Rev. C 72, 027301 (2005)
g factor of the 2_1^+ state of ^{160}Er

2005YA12 T.Yamagata, H.Akimune, S.Nakayama, M.Fujiwara, K.Fushimi, M.B.Greenfield, K.Hara, K.Y.Hara, H.Hashimoto, K.Ichihara, K.Kawase, M.Kinoshita, Y.Matsui, K.Nakanishi, M.Ohta, A.Shiokawa, M.Tanaka, H.Utsunomiya, M.Yosoi - Phys.Rev. C 71, 064316 (2005)
Di-trinucleon cluster resonances in A = 6 isobar nuclei

2005YA17 T.Yamagata, S.Nakayama, M.Tanaka, T.Itahashi - J.Phys.Soc.Jpn. 74, 2640 (2005)
^{7}Li-Excitation of a Resonance at E_x = 15.5 MeV in ^{208}Pb

2005YU04 D.-Q.Yuan, Y.-N.Zheng, D.-M.Zhou, Y.Zuo, E.-P.Du, X.Duan, C.-H.Wang, Q.Luo, X.-G.Wu, G.-S.Li, S.-X.Wen, G.-J.Xu, Z.-C.Gao, Y.-S.Chen, S.-Y.Zhu - Chin.Phys.Lett. 22, 1628 (2005)
Measurements of g-Factor of Rotational Levels in ^{83}Y

2005YU06 H.-P.Yu, Y.-X.Gou, X.-H.Zhou, Y.-H.Zhang, X-G.Lei, P.Luo, M.-L.Liu, L.-T.Song, H.L.Wang, C.-Y.Xie, Y.Zheng, W.-T.Guo, L.-H.Zhu, X.-G.Wu - Chin.Phys.Lett. 22, 1873 (2005)
High-Spin States in Odd-Odd ^{140}Pr Nucleus

2005ZE03 S.Zeng, W.-P.Liu, Z.-H.Li, X.-X.Bai, S.-Q.Yan, B.-X.Wang, G.Lian, J.Su - Chin.Phys.Lett. 22, 2219 (2005)
Measurement of ^{2}H(^{8}Li, ^{9}Be)n Reaction Relevant to Primordial Nucleosynthesis

2005ZE04 R.G.T.Zegers, A.L.Cole, H.Akimune, S.M.Austin, D.Bazin, A.M.van den Berg, G.P.A.Berg, J.Brown, I.Daito, Y.Fujita, M.Fujiwara, K.Hara, M.N.Harakeh, G.W.Hitt, M.E.Howard, J.Janecke, T.Kawabataj T.Nakamura, H.Ueno, H.Schatz, B.M.Sherrill, M.Steiner - Nucl.Phys. A758, 67c (2005)

Weak interaction strengths for supernovae calculations via the (t, ^{3}He) reaction on medium-heavy nuclei

2005ZHZZ B.V.Zhuravlev, N.V.Kornilov, A.A.Lychagin, N.N.Titarenko, V.I.Trykova - Proc.Intern.Conf.Nuclear Data for Science and Technology, Santa Fe, New Mexico, 26 September-1 October, 2004, R.C.Haight, M.B.Chadwick, T.Kawano, P.Talou, Eds., Vol.1, p. 931 (2005); AIP Conf.Proc. 769 (2005)
Nuclear Level Densities of ^{56}Co, ^{57}Co, ^{90}Nb, and ^{94}Nb from Neutron Evaporation Spectra in the (p, n) Reaction