Recent References:
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This document lists experimental references added to Nuclear Science References (NSR) during the period October 1, 2007 to December 31, 2007. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

A=1

^{1}H	2007RO24	NUCLEAR REACTIONS ^{1}H(polarized e, e'), E=362, 687 MeV; measured proton elastic form factor ratio. JOUR PRLTA 99 202002
	2007SU23	NUCLEAR REACTIONS ^{1}H(polarized γ, π^0), E=1.5-2.4 GeV; measured missing mass spectra, σ(E, θ), beam asymmetry. JOUR PYLBB 657 32
	2007TE09	NUCLEAR REACTIONS ^{1}H(^{13}N, ^{13}N), E(cm)=0.4-3.3 MeV; measured elastic scattering $\sigma(\theta)$ and fitted with R-matrix calculation. ^{14}O deduced levels, widths, J, π, spectroscopic factor. JOUR PYLBB 650 129

A=2

No references found

A=3

^{3}H	2007WA37	NUCLEAR REACTIONS ^{2}H(d, p), E=10-20 keV; measured thick target proton yields for deuteriated Sm target at low temperatures. Sm deduced electron screening potential. JOUR JPGPE 34 2255
	2007WA38	NUCLEAR REACTIONS ^{2}H(d, p), E=10-20 keV; measured thick target yields, cross sections, and S-factor, on deuterons implanted in cooled Sm metal target. JOUR CPLEE 24 3103
^{3}He	2007JA11	NUCLEAR REACTIONS ^{2}H(d, n), E=270 MeV; measured tensor and vector analyzing powers including angular dependence. Compared results to model calculations. JOUR ZAANE 33 39

A=4

^{4}He	2007BA61	NUCLEAR REACTIONS ^{4}He(^{14}O, α^{10}C), (^{14}O, 2p^{12}C), (^{14}O, p^{13}N), E=60 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, excitation energy spectra, $\sigma(\theta)$. ^{14}O deduced monopole and dipole strength distributions. Comparison with DWBA calculations. JOUR NUPAB 788 188c
	2007MC06	RADIOACTIVITY ^{8}Be(α) [from ^{92}Mo(^{114}Cd, X), E=50 MeV / nucleon]; measured Eα, Iα, relative α energies as a function of decay angle. Deduced evidence for tidal effect. Compared results to model calculations. JOUR PRLTA 99 132701
	2007PA36	NUCLEAR REACTIONS ^{4}He(K$^-$, π^-), E at 750 MeV; measured lifetime and mesonic and nonmesonic hypernuclear decay rates. JOUR PRVCA 76 035501

A=4 *(continued)*

	2007SH39	NUCLEAR REACTIONS ^{3}He(polarized p, π^{+}), E(cm)=200, 300, 400 MeV; measured differential cross sections, spin correlation parameters, excitation energy. Grand Raiden spectrometer, polarized ^{3}He target, elastic backward scattering. JOUR PRVCA 76 044003

A=5

^{5}He	2007BH06	NUCLEAR REACTIONS ^{5}He, ^{12}C(π^{+}, K^{+}), E at 1.05 GeV / c; measured Ep, En and angular distributions in hypernuclei decay and discussed quenching effect. Comparison with intra-nuclear cascade calculations. JOUR ZAANE 33 259

A=6

^{6}H	2007GU24	NUCLEAR REACTIONS ^{9}Be(π^{-}, pd), (π^{-}, 2p), E at rest; ^{11}B, ^{12}C(π^{-}, pα), E at rest; ^{11}B, ^{12}C(π^{-}, p^{3}He), E at rest; measured missing mass spectra. ^{6,7}H deduced possible resonance energies, widths. JOUR ZAANE 32 261
^{6}Li	2007MA72	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^{+}, K^{+}), E at 1.05 GeV / c; measured excitation energy and pion spectra, Ep, Ed, En from hypernucleus decay; deduced decay asymmetry parameter. JOUR ZAANE 33 255

A=6 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=7

^{7}H 2007GU24 NUCLEAR REACTIONS ^{9}Be(π^-, pd), (π^-, 2p), E at rest; ^{11}B, ^{12}C(π^-, pα), E at rest; ^{11}B, ^{12}C(π^-, p^{3}He), E at rest; measured missing mass spectra. ^{6,7}H deduced possible resonance energies, widths. JOUR ZAANE 32 261

^{7}He 2007GU24 NUCLEAR REACTIONS ^{9}Be(π^-, pd), (π^-, 2p), E at rest; ^{11}B, ^{12}C(π^-, pα), E at rest; ^{11}B, ^{12}C(π^-, p^{3}He), E at rest; measured missing mass spectra. ^{6,7}H deduced possible resonance energies, widths. JOUR ZAANE 32 261

A=7 *(continued)*

^{7}Li	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007RU13	NUCLEAR REACTIONS ^{7}Li(^{10}B, ^{10}B), E=51 MeV; measured elastic scattering σ and angular distributions. ^{10}B(^{7}Li, ^{7}Li), E=24, 39 MeV; ^{11}B(^{7}Li, ^{7}Li), E=34 MeV; analyzed elastic scattering σ using optical model and coupled channel method. JOUR ZAANE 33 317
^{7}Be	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=7 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=8

^{8}He 2007GU24 NUCLEAR REACTIONS ^{9}Be(π^-, pd), (π^-, 2p), E at rest; ^{11}B, ^{12}C(π^-, pα), E at rest; ^{11}B, ^{12}C(π^-, p^{3}He), E at rest; measured missing mass spectra. ^{6,7}H deduced possible resonance energies, widths. JOUR ZAANE 32 261

A=8 *(continued)*

^{8}Li	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007PA39	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{7}Li), E=25 MeV / nucleon; measured particle energies, yields, inclusive σ and angular distributions. JOUR CPLEE 24 2785
^{8}Be	2007KO70	NUCLEAR REACTIONS ^{10}B(d, α), E=900-2000 keV; measured σ and angular distributions. JOUR NIMBE 263 369
	2007MC06	RADIOACTIVITY ^{8}Be(α) [from ^{92}Mo(^{114}Cd, X), E=50 MeV / nucleon]; measured Eα, Iα, relative α energies as a function of decay angle. Deduced evidence for tidal effect. Compared results to model calculations. JOUR PRLTA 99 132701

A=8 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=9

^{9}Li	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{9}Be	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=9 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=10

^{10}Li 2007SI24 NUCLEAR REACTIONS C(^{11}Li, nx), E=264 MeV / nucleon; C(^{14}Be, nx), E=287 MeV / nucleon; measured neutron energies and yields, σ as a function of core-neutron energy. ^{11,10}Li, ^{13}Be deduced resonance parameters. JOUR NUPAB 791 267

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

^{10}Be	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{10}B	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=10 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007RU13 NUCLEAR REACTIONS ^{7}Li(^{10}B, ^{10}B), E=51 MeV; measured elastic scattering σ and angular distributions. ^{10}B(^{7}Li, ^{7}Li), E=24, 39 MeV; ^{11}B(^{7}Li, ^{7}Li), E=34 MeV; analyzed elastic scattering σ using optical model and coupled channel method. JOUR ZAANE 33 317

A=11

^{11}Li

2007NA22 NUCLEAR REACTIONS Pb(^{11}Li, 2n), E=69.7 E=70 MeV / nucleon; measured En, In, E(recoil), σ(E). ^{11}Li deduced B(E1) distribution. Comparison with three-body model. JOUR NUPAB 788 243c

2007SI24 NUCLEAR REACTIONS C(^{11}Li, nx), E=264 MeV / nucleon; C(^{14}Be, nx), E=287 MeV / nucleon; measured neutron energies and yields, σ as a function of core-neutron energy. ^{11,10}Li, ^{13}Be deduced resonance parameters. JOUR NUPAB 791 267

^{11}Be

2007LI62 NUCLEAR REACTIONS ^{48}Ti(^{11}Be, n), E=41 MeV / nucleon; measured En, In, Eγ, Iγ, $\sigma(\theta)$, (^{10}Be)n-, γn-coin. ^{11}Be deduced spectroscopic factor, configurations. JOUR NUPAB 795 1

2007LIZW NUCLEAR REACTIONS ^{48}Ti(^{11}Be, ^{10}Be), E=41 MeV / nucleon; measured fragment energies and yields, neutron energies, intensities, and angular distributions, and Eγ, Iγ. ^{11}Be deduced breakup σ. PREPRINT arXiv:0709.3981v1 [nucl-ex]

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

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007SU18	NUCLEAR REACTIONS ^{208}Pb(^{11}Be, ^{11}Be'), E=38.6 MeV / nucleon; measured Coulomb excitation σ. ^{11}Be deduced B(E1) strengths; calculated σ. Extended continuum discretized coupled channels method. Comparison with previous data. JOUR PYLBB 650 124
^{11}B	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1
	2007KO69	NUCLEAR REACTIONS ^{10}B(d, p), E=900-2000 keV; measured σ and angular distributions. JOUR NIMBE 263 357
	2007MA71	NUCLEAR REACTIONS ^{12}C(π^+, K$^+$), E= MeV; measured hypernuclear mass spectrum, Eγ, Iγ. ^{11}B, ^{12}C deduced hypernuclei levels, J, π. Hyperball2 array. JOUR ZAANE 33 243

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

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007RU13	NUCLEAR REACTIONS ^{7}Li(^{10}B, ^{10}B), E=51 MeV; measured elastic scattering σ and angular distributions. ^{10}B(^{7}Li, ^{7}Li), E=24, 39 MeV; ^{11}B(^{7}Li, ^{7}Li), E=34 MeV; analyzed elastic scattering σ using optical model and coupled channel method. JOUR ZAANE 33 317
^{11}C	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

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

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{12}Be	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007SH34	NUCLEAR REACTIONS ^{9}Be(^{18}O, X)^{12}Be, E=100 MeV / nucleon; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{12}Be deduced isomeric state energy J, π, $T_{1/2}$, decay branching, B(E2), B(E0). Comparison with shell model calculations. JOUR PYLBB 654 87

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^{12}B	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{12}C	2007AG14	NUCLEAR REACTIONS ^{12}C(K$^-$, π^-), E at rest; measured negative pion momentum spectrum and Ep, Ip from decaying hypernucleus. Comparison with other data. JOUR ZAANE 33 251
	2007BH06	NUCLEAR REACTIONS ^{5}He, ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured Ep, En and angular distributions in hypernuclei decay and discussed quenching effect. Comparison with intra-nuclear cascade calculations. JOUR ZAANE 33 259
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1
	2007MA71	NUCLEAR REACTIONS ^{12}C(π^+, K$^+$), E= MeV; measured hypernuclear mass spectrum, Eγ, Iγ. ^{11}B, ^{12}C deduced hypernuclei levels, J, π. Hyperball2 array. JOUR ZAANE 33 243
	2007MA72	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured excitation energy and pion spectra, Ep, Ed, En from hypernucleus decay; deduced decay asymmetry parameter. JOUR ZAANE 33 255

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

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007PI13	NUCLEAR REACTIONS ^{12}C(^{138}Ce, ^{138}Ce'), E=480 MeV; measured Eγ, Iγ, angular distributions following projectile Coulomb excitation. ^{138}Ce deduced levels, J, π, B(M1), B(E2), matrix elements, δ, mixed-symmetry state. Gammasphere array. JOUR NUPAB 788 85c
	2007SU20	NUCLEAR REACTIONS ^{12}C(^{14}Be, 2n^{12}Be), E=68.1 MeV / nucleon; measured relative energy spectra, Eγ, Iγ, (residual)γ-coin. ^{14}Be deduced energy level, J, π, deformation length, configurations. Comparison with other data and shell model. JOUR PYLBB 654 160
	2007SUZY	NUCLEAR REACTIONS ^{12}C(^{14}Be, ^{14}Be'), E=68 MeV / nucleon; measured particle and neutron energies, cross section and angular distributions. ^{14}Be deduced level energies, J, π. REPT RIKEN-NC-NP-12,Sugimoto
	2007TA27	NUCLEAR REACTIONS ^{26}Mg, ^{48}Ca(p, p'), E=295 MeV; measured excitation energy spectrum. ^{12}C(p, p'), E=295 MeV; calculated $\sigma(\theta)$. DWIA method. JOUR NUPAB 788 53c
^{12}N	2007WA40	NUCLEAR REACTIONS ^{12}C(polarized p, n), E=296 MeV; measured excitation energy spectrum, $\sigma(\theta)$, analyzing powers. Comparison with DWIA and RPA calculations. JOUR PYLBB 656 38
	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

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^{13}Be	2007SI24	NUCLEAR REACTIONS C(^{11}Li, nx), E=264 MeV / nucleon; C(^{14}Be, nx), E=287 MeV / nucleon; measured neutron energies and yields, σ as a function of core-neutron energy. ^{11,10}Li, ^{13}Be deduced resonance parameters. JOUR NUPAB 791 267
^{13}B	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{13}C	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=13 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{13}N	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=13 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007ZE06 NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

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^{14}Be 2007SU20 NUCLEAR REACTIONS ^{12}C(^{14}Be, 2n^{12}Be), E=68.1 MeV / nucleon; measured relative energy spectra, Eγ, Iγ, (residual)γ-coin. ^{14}Be deduced energy level, J, π, deformation length, configurations. Comparison with other data and shell model. JOUR PYLBB 654 160

2007SUZY NUCLEAR REACTIONS ^{12}C(^{14}Be, ^{14}Be'), E=68 MeV / nucleon; measured particle and neutron energies, cross section and angular distributions. ^{14}Be deduced level energies, J, π. REPT RIKEN-NC-NP-12,Sugimoto

A=14 *(continued)*

^{14}B	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=14 *(continued)*

^{14}C	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{14}N	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=14 *(continued)*

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{14}O	2007BA61	NUCLEAR REACTIONS ^{4}He(^{14}O, α^{10}C), (^{14}O, 2p^{12}C), (^{14}O, p^{13}N), E=60 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, excitation energy spectra, $\sigma(\theta)$. ^{14}O deduced monopole and dipole strength distributions. Comparison with DWBA calculations. JOUR NUPAB 788 188c
	2007TE09	NUCLEAR REACTIONS ^{1}H(^{13}N, ^{13}N), E(cm)=0.4-3.3 MeV; measured elastic scattering $\sigma(\theta)$ and fitted with R-matrix calculation. ^{14}O deduced levels, widths, J, π, spectroscopic factor. JOUR PYLBB 650 129

A=15

^{15}B	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{15}C	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{15}N	2007DE47	NUCLEAR REACTIONS ^{2}H(^{18}F, p), (^{18}F, pα), E(cm)=1.4 MeV; measured particle energies and yields, cross sections and angular distributions. ^{19}F, Ne deduced level energies and decay widths. Discussed astrophysical implications. JOUR NUPAB 791 251
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1
	2007IO04	NUCLEAR REACTIONS ^{16}O(e, e'p), E=575 MeV; measured σ(E, θ), missing energy dependence. Comparison with model calculations. JOUR PYLBB 653 392

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

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{15}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=16

^{16}C	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{16}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{16}O	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

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

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007UK01 NUCLEAR REACTIONS ^{16}O(K^{-}, π^{-}), E at 0.93 GeV / c; measured Eγ, Iγ from decaying hypernucleus. ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR ZAANE 33 247

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^{17}C	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=17 *(continued)*

^{17}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007RI15	NUCLEAR REACTIONS Pb(p, X)^{17}N / ^{87}Br / ^{88}Br, E=1 GeV; measured delayed neutron yields and precursor production cross sections. JOUR ZAANE 32 1
^{17}O	2007MU15	RADIOACTIVITY ^{19}Ne(2p) [from ^{9}Be(^{20}Mg, ^{19}Mg), E=450 meV / nucleon]; measured Ep, Ip, (^{17}Ne)p-coinc, angular correlations. ^{19}Ne deduced $T_{1/2}$, 2p-decay Q-value. JOUR PRLTA 99 182501

A=17 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{17}F	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607

A=17 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{18}C	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=18 ***(continued)***

^{18}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=18 ***(continued)***

^{18}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=18 ***(continued)***

^{18}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

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^{19}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=19 ***(continued)***

^{19}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{19}F	2007DE47	NUCLEAR REACTIONS ^{2}H(^{18}F, p), (^{18}F, pα), E(cm)=1.4 MeV; measured particle energies and yields, cross sections and angular distributions. ^{19}F, Ne deduced level energies and decay widths. Discussed astrophysical implications. JOUR NUPAB 791 251
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=19 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{19}Ne	2007MU15	RADIOACTIVITY ^{19}Ne(2p) [from ^{9}Be(^{20}Mg, ^{19}Mg), E=450 meV / nucleon]; measured Ep, Ip, (^{17}Ne)p-coinc, angular correlations. ^{19}Ne deduced $T_{1/2}$, 2p-decay Q-value. JOUR PRLTA 99 182501

A=19 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=20

^{20}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=20 ***(continued)***

^{20}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=20 ***(continued)***

^{20}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{20}Ne	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607

A=20 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{21}N	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=21 ***(continued)***

^{21}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=21 ***(continued)***

^{21}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=21 ***(continued)***

^{21}Ne	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=21 ***(continued)***

^{21}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=22

^{22}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{22}F	2007LE28	NUCLEAR REACTIONS ^{9}Be(^{14}C, p), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$, (p)γ-coinc.^{22}F deduced levels, J, π. JOUR PRVCA 76 034308

A=22 *(continued)*

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{22}Ne	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=22 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=22 *(continued)*

^{22}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=23

^{23}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{23}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{23}Ne	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{23}Na	2007DE55	NUCLEAR REACTIONS ^{26}Al(n, α), E<100 keV; measured cross-sections. ^{27}Al deduced resonance energies, widths, areas and spins.^{26}Al deduced galactic abundance. JOUR PRVCA 76 045804
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

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

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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

^{23}Mg	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{23}Al	2007GOZV	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=48.4 MeV / nucleon; measured particle energies, emission angles, Eγ, Iγ, (particle)γ-coinc, σ. ^{22}Mg(p, γ); deduced reaction rate. REPT RIKEN-NC-NP-14,Gomi

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^{24}O	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=24 ***(continued)***

^{24}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=24 *(continued)*

^{24}Ne	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{24}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007ZE04	NUCLEAR REACTIONS Be(^{18}O, tX), E=120 MeV / nucleon; Be(^{16}O, tX), E=150 MeV / nucleon; measured triton yield vs energy, target thickness. ^{24,26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectrum. ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; analyzed excitation energy spectrum. ^{26}Na, ^{26}Al deduced Gamow-Teller strength distribution. Comparison with other results, shell model predictions. JOUR NUPAB 788 61c
^{24}Mg	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

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2007FO10 NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

2007JE08 NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E(cm)=6.0, 6.8, 7.5, 8.0 MeV; measured Eγ, Iγ, $\gamma\gamma$, (recoil)γ-coin; deduced multipolarities, on and off resonances. TRIUMF-ISAC DRAGON recoil spectrometer, GEANT3 array. JOUR PRVCA 76 044310

2007ME18 NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{25}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{25}Ne	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{25}Na	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=25 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{25}Mg	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=25 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{25}Al	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607
	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=25 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{26}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{26}Ne	2007GI13	NUCLEAR REACTIONS Al, Pb(^{26}Ne, X), E=58 MeV / nucleon; measured Eγ, Iγ, En, In, excitation energy spectra, σ, $\sigma(\theta)$. ^{26}Ne deduced B(E1), pygmy resonance parameters. Comparison with quasi-particle RPA calculations. JOUR NUPAB 788 153c

A=26 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{26}Na	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=26 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007ZE04 NUCLEAR REACTIONS Be(^{18}O, tX), E=120 MeV / nucleon; Be(^{16}O, tX), E=150 MeV / nucleon; measured triton yield vs energy, target thickness. ^{24,26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectrum. ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; analyzed excitation energy spectrum. ^{26}Na, ^{26}Al deduced Gamow-Teller strength distribution. Comparison with other results, shell model predictions. JOUR NUPAB 788 61c

^{26}Mg 2005NIZS NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

A=26 ***(continued)***

2007FO10 NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

2007ME18 NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007TA27 NUCLEAR REACTIONS ^{26}Mg, ^{48}Ca(p, p'), E=295 MeV; measured excitation energy spectrum. ^{12}C(p, p'), E=295 MeV; calculated $\sigma(\theta)$. DWIA method. JOUR NUPAB 788 53c

^{26}Al 2007FO10 NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1

A=26 *(continued)*

2007ME18 NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

2007ZE04 NUCLEAR REACTIONS Be(^{18}O, tX), E=120 MeV / nucleon; Be(^{16}O, tX), E=150 MeV / nucleon; measured triton yield vs energy, target thickness. ^{24,26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectrum. ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; analyzed excitation energy spectrum. ^{26}Na, ^{26}Al deduced Gamow-Teller strength distribution. Comparison with other results, shell model predictions. JOUR NUPAB 788 61c

2007ZE06 NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

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^{27}F	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=27 ***(continued)***

^{27}Ne	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=27 ***(continued)***

^{27}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{27}Mg	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=27 *(continued)*

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{27}Al	2007DE55	NUCLEAR REACTIONS ^{26}Al(n, α), E<100 keV; measured cross-sections. ^{27}Al deduced resonance energies, widths, areas and spins.^{26}Al deduced galactic abundance. JOUR PRVCA 76 045804
	2007FO10	NUCLEAR REACTIONS ^{27}Al(^{12}C, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / ^{26}Al / ^{27}Al / Si, E=156 MeV; ^{12}C(^{27}Al, X)^{7}Be / ^{9}Be / ^{10}B / ^{11}B / ^{11}C / ^{12}C / ^{13}C / ^{13}N / ^{14}N / ^{15}N / ^{16}O / ^{19}F / ^{22}Ne / ^{23}Na / ^{24}Mg / ^{26}Mg / Si, E=348 MeV; measured intermediate mass fragment spectra, $\sigma(\theta$, E) from fusion and fragmentation. Comparison with Boltzmann Master Equations theory. JOUR NUPAB 797 1
	2007LU14	NUCLEAR REACTIONS ^{27}Al(^{7}Li, ^{7}Li'), (^{7}Li, ^{6}Li), E=6-18 MeV; measured elastic and one neutron transfer cross sections and angular distributions. Deduced dynamic polarization potential. JOUR NUPAB 791 24
	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

A=27 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=27 ***(continued)***

^{27}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=28

^{28}Ne	2006FAZX	RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne deduced level, J, π. CONF Tokyo(SENUF 06),P165,Fallon

A=28 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=28 *(continued)*

^{28}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{28}Mg	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

A=28 *(continued)*

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{28}Al	2007LU14	NUCLEAR REACTIONS ^{27}Al(^{7}Li, ^{7}Li'), (^{7}Li, ^{6}Li), E=6-18 MeV; measured elastic and one neutron transfer cross sections and angular distributions. Deduced dynamic polarization potential. JOUR NUPAB 791 24
	2007ME18	NUCLEAR REACTIONS ^{27}Al, ^{28}Si(μ^-, ν), (μ^-, nν), (μ^-, 2nν), (μ^-, 3nν), (μ^-, pν), (μ^-, npν), E not given; measured Eγ, Iγ, yields. JOUR PRVCA 76 035504

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	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{28}Si	2007BE47	NUCLEAR REACTIONS ^{12}C, ^{16}O, ^{24}Mg, Fe(p, γ), e=5-25 meV; ^{12}C, ^{16}O, ^{24}Mg, Fe(α, γ), E=5-40 MeV; measured Eγ, Iγ, angular distributions, cross sections and excitation functions. Compared results to model calculations. JOUR PRVCA 76 034607
	2007KW02	NUCLEAR REACTIONS ^{28}Si(α, α), E=120 MeV; measured cross sections and angular distributions. Deduced optical potential parameters. JOUR KPSJA 51 1635

A=28 *(continued)*

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{29}Ne 2006FAZX RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne deduced level, J, π. CONF Tokyo(SENUF 06),P165,Fallon

A=29 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=29 ***(continued)***

^{29}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=29 ***(continued)***

^{29}Mg	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=29 ***(continued)***

^{29}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=29 ***(continued)***

^{29}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=29 *(continued)*

^{29}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{30}Ne	2006FAZX	RADIOACTIVITY ^{28,29,30}Ne; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{28,29,30}Ne deduced level, J, π. CONF Tokyo(SENUF 06),P165,Fallon

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^{30}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{30}Mg	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

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2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{30}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{30}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=30 ***(continued)***

^{30}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007RA20	NUCLEAR REACTIONS ^{16}O(^{16}O, np), E=40 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc, polarization assymetry. ^{30}P deduced levels, J, π, branching ratios. JOUR PRVCA 76 034315
^{30}S	2007BA69	NUCLEAR REACTIONS ^{32}S(p, t), E=37 MeV; measured triton energies, angular distributions. ^{30}S deduced levels, J, π. ^{29}P(p, γ)^{30}S; deduced reaction rates of astrophysical significance. JOUR PRVCA 76 045803
	2007GA46	NUCLEAR REACTIONS ^{1}H, ^{12}C(^{31}S, X), E=71 MeV / nucleon; measured Eγ, Iγ. ^{30}S deduced levels. JOUR NUPAB 788 381c

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^{31}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=31 ***(continued)***

^{31}Mg	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=31 ***(continued)***

^{31}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=31 ***(continued)***

^{31}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=31 ***(continued)***

^{31}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{32}Na	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{32}Mg	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

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2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=32 ***(continued)***

^{32}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=32 ***(continued)***

^{32}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=32 ***(continued)***

^{32}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{33}Mg	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007YO06	RADIOACTIVITY ^{33}Mg(β^-) [from U(p, X), E-1.4 GeV]; measured β-decay anisotropy using laser spectroscopy and nuclear magnetic resonance techniques. ^{33}Mg deduced ground state spin and magnetic moment. JOUR PRLTA 99 212501

A=33 ***(continued)***

^{33}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007YO06	RADIOACTIVITY ^{33}Mg(β^-) [from U(p, X), E-1.4 GeV]; measured β-decay anisotropy using laser spectroscopy and nuclear magnetic resonance techniques. ^{33}Mg deduced ground state spin and magnetic moment. JOUR PRLTA 99 212501

A=33 ***(continued)***

^{33}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=33 ***(continued)***

^{33}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=33 ***(continued)***

^{33}S 2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

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^{34}Mg 2005NIZS NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

A=34 ***(continued)***

2007NO13 NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=34 ***(continued)***

^{34}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=34 ***(continued)***

^{34}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=34 ***(continued)***

^{34}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=34 ***(continued)***

^{34}S	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{34}Ar	2007FA16	NUCLEAR REACTIONS ^{12}C(^{23}Al, p), E=74 MeV / nucleon; measured fragment longitudinal momentum distributions. ^{12}C(^{23}Al, X), (^{24}Al, X), (^{24}Al, X), E=74 MeV / nucleon; measured reaction cross sections. Compared results to model calculations. JOUR PRVCA 76 031601

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^{35}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=35 ***(continued)***

^{35}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=35 ***(continued)***

^{35}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=35 ***(continued)***

^{35}S	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{35}Ar	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

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^{36}Al	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=36 ***(continued)***

^{36}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=36 ***(continued)***

^{36}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=36 ***(continued)***

^{36}S	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=36 *(continued)*

^{36}Cl	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{36}Ar	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007FA17	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, X)^{39}K / ^{38}Ar / ^{36}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, Eα, missing energy spectra. ^{40}Ca deduced two-, three-phonon giant resonance states. JOUR NUPAB 788 106c
^{36}K	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{36}Ca	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

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^{37}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=37 ***(continued)***

^{37}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=37 ***(continued)***

^{37}S	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{37}Cl	2007FA17	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, X)^{39}K / ^{38}Ar / ^{36}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, Eα, missing energy spectra. ^{40}Ca deduced two-, three-phonon giant resonance states. JOUR NUPAB 788 106c

A=37 ***(continued)***

	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{37}K	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{37}Ca	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=38

^{38}Si	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=38 ***(continued)***

^{38}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=38 ***(continued)***

^{38}S	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
	2007OT04	NUCLEAR REACTIONS ^{1}H(^{38}S, p'), E=62 MeV / nucleon; measured $\sigma(\theta$, E*). JOUR NUPAB 788 266c

A=38 *(continued)*

^{38}Cl	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{38}Ar	2007FA17	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, X)^{39}K / ^{38}Ar / ^{36}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, Eα, missing energy spectra. ^{40}Ca deduced two-, three-phonon giant resonance states. JOUR NUPAB 788 106c
^{38}Ca	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

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^{39}P	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=39 ***(continued)***

^{39}Cl	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605

A=39 *(continued)*

^{39}Ar	2007NO13	NUCLEAR REACTIONS ^{9}Be(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{11}Be / ^{12}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{15}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{18}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{20}N / ^{21}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{25}F / ^{26}F / ^{27}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne / ^{29}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{30}Na / ^{31}Na / ^{32}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{32}Mg / ^{33}Mg / ^{34}Mg / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{35}Al / ^{36}Al / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{35}Si / ^{36}Si / ^{37}Si / ^{38}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{37}P / ^{38}P / ^{39}P / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{38}S / ^{36}Cl / ^{37}Cl / ^{38}Cl / ^{39}Cl / ^{39}Ar, E=100 MeV / nucleon; ^{181}Ta(^{40}Ar, X)^{6}Li / ^{7}Li / ^{8}Li / ^{9}Be / ^{10}Be / ^{11}Be / ^{10}B / ^{11}B / ^{12}B / ^{13}B / ^{14}B / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{15}C / ^{16}C / ^{17}C / ^{13}N / ^{14}N / ^{15}N / ^{16}N / ^{17}N / ^{18}N / ^{19}N / ^{15}O / ^{16}O / ^{17}O / ^{18}O / ^{19}O / ^{20}O / ^{21}O / ^{17}F / ^{18}F / ^{19}F / ^{20}F / ^{21}F / ^{22}F / ^{23}F / ^{24}F / ^{19}Ne / ^{20}Ne / ^{21}Ne / ^{22}Ne / ^{23}Ne / ^{24}Ne / ^{25}Ne / ^{26}Ne / ^{27}Ne / ^{21}Na / ^{22}Na / ^{23}Na / ^{24}Na / ^{25}Na / ^{26}Na / ^{27}Na / ^{28}Na / ^{29}Na / ^{23}Mg / ^{24}Mg / ^{25}Mg / ^{26}Mg / ^{27}Mg / ^{28}Mg / ^{29}Mg / ^{30}Mg / ^{31}Mg / ^{24} / ^{25}Al / ^{26}Al / ^{27}Al / ^{28}Al / ^{29}Al / ^{30}Al / ^{31}Al / ^{32}Al / ^{33}Al / ^{34}Al / ^{26}Si / ^{27}Si / ^{28}Si / ^{29}Si / ^{30}Si / ^{31}Si / ^{32}Si / ^{33}Si / ^{34}Si / ^{29}P / ^{30}P / ^{31}P / ^{32}P / ^{33}P / ^{34}P / ^{35}P / ^{36}P / ^{30}S / ^{31}S / ^{32}S / ^{33}S / ^{34}S / ^{35}S / ^{36}S / ^{37}S / ^{33}Cl / ^{34}Cl / ^{35}Cl / ^{36}Cl / ^{37}Cl / ^{35}Ar / ^{36}Ar / ^{37}Ar / ^{38}Ar / ^{39}Ar / ^{37}K / ^{38}K / ^{39}K / ^{40}K, E=100 MeV / nucleon; measured momentum distribution, production cross sections. RIKEN. JOUR PRVCA 76 044605
^{39}K	2007FA17	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, X)^{39}K / ^{38}Ar / ^{36}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, Eα, missing energy spectra. ^{40}Ca deduced two-, three-phonon giant resonance states. JOUR NUPAB 788 106c
^{39}Ca	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{39}Sc	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{39}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=40

^{40}Mg	2007BA71	NUCLEAR REACTIONS W(^{48}Ca, X)^{40}Mg / ^{42}Al, E=141 MeV / nucleon; measured fragment energies, charge and mass distributions. JOUR NATUA 449 1022
^{40}Ca	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007FA17	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, X)^{39}K / ^{38}Ar / ^{36}Ar / ^{37}Cl, E=50 MeV / nucleon; measured Ep, Eα, missing energy spectra. ^{40}Ca deduced two-, three-phonon giant resonance states. JOUR NUPAB 788 106c
	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{40}Sc	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{40}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=41

^{41}Sc	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304

A=41 *(continued)*

^{41}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=42

^{42}Al	2007BA71	NUCLEAR REACTIONS W(^{48}Ca, X)^{40}Mg / ^{42}Al, E=141 MeV / nucleon; measured fragment energies, charge and mass distributions. JOUR NATUA 449 1022
^{42}Sc	2007AD27	NUCLEAR REACTIONS ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured excitation energy spectra. ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co deduced Gamow-Teller strength distribution. Comparison with shell model. JOUR NUPAB 788 70c
	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{42}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304
^{42}V	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{42}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=43

^{43}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{43}V	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304
^{43}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304

A=44

^{44}Ca	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{44}Sc	2007LA31	NUCLEAR REACTIONS ^{45}Sc(^{3}He, $\alpha\gamma$), (^{3}He, ^{3}He'γ), E=38 MeV; measured Eγ, Iγ. ^{44}Sc, ^{45}Sc; deduced level densities, γ-strength functions, parity asymmetry. JOUR PRVCA 76 044303
^{44}Ti	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007VO06	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ)^{44}Ti, E=0.60-1.15 MeV / nucleon; measured recoil energies, yields, and cross section. JOUR PRVCA 76 035801

A=44 *(continued)*

^{44}V	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{44}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304

A=45

^{45}Sc	2007LA31	NUCLEAR REACTIONS ^{45}Sc(^{3}He, $\alpha\gamma$), (^{3}He, ^{3}He'γ), E=38 MeV; measured Eγ, Iγ. ^{44}Sc, ^{45}Sc; deduced level densities, γ-strength functions, parity asymmetry. JOUR PRVCA 76 044303
^{45}V	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{45}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{45}Mn	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304
^{45}Fe	2007MI36	RADIOACTIVITY ^{45}Fe(2p), (β^+), (β^+p), (β^+2p), (β^+3p), (β^+4p); measured decay branches, half-lives, partial half-lives. JOUR PRVCA 76 041304

A=46

^{46}Ti	2007BR25	NUCLEAR REACTIONS ^{19}F(^{27}Al, X), E=144 MeV; measured Eγ, Iγ, Eα, Iα, (residue)α-coin. ^{46}Ti deduced giant dipole resonance strength distributions. JOUR NUPAB 788 224c

A=46 *(continued)*

^{46}V	2007AD27	NUCLEAR REACTIONS ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured excitation energy spectra. ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co deduced Gamow-Teller strength distribution. Comparison with shell model. JOUR NUPAB 788 70c
	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{46}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{46}Mn	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{46}Fe	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=47

^{47}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{47}Mn	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=47 *(continued)*

^{47}Fe	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=48

^{48}Ca	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
	2007TA27	NUCLEAR REACTIONS ^{26}Mg, ^{48}Ca(p, p'), E=295 MeV; measured excitation energy spectrum. ^{12}C(p, p'), E=295 MeV; calculated $\sigma(\theta)$. DWIA method. JOUR NUPAB 788 53c
^{48}Cr	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{48}Mn	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{48}Fe	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=49

^{49}Ti	2007LIZW	NUCLEAR REACTIONS ^{48}Ti(^{11}Be, ^{10}Be), E=41 MeV / nucleon; measured fragment energies and yields, neutron energies, intensities, and angular distributions, and Eγ, Iγ. ^{11}Be deduced breakup σ. PREPRINT arXiv:0709.3981v1 [nucl-ex]

A=49 *(continued)*

^{49}Mn	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{49}Fe	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{49}Co	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{49}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=50

^{50}Mn	2007AD27	NUCLEAR REACTIONS ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured excitation energy spectra. ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co deduced Gamow-Teller strength distribution. Comparison with shell model. JOUR NUPAB 788 70c
	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{50}Fe	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=50 *(continued)*

^{50}Co	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{50}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=51

^{51}Fe	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{51}Co	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{51}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=52

^{52}Cr	2007KU19	NUCLEAR REACTIONS ^{27}Al(^{28}Si, 3p), E=70 MeV; measured Eγ, I$\gamma(\theta)$, $\gamma\gamma$-coinc. ^{52}Cr deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034301
^{52}Fe	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=52 *(continued)*

^{52}Co	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{52}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=53

^{53}Co	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{53}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=54

^{54}Co	2007AD27	NUCLEAR REACTIONS ^{42}Ca, ^{46}Ti, ^{50}Cr, ^{54}Fe(^{3}He, t), E=140 MeV / nucleon; measured excitation energy spectra. ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co deduced Gamow-Teller strength distribution. Comparison with shell model. JOUR NUPAB 788 70c
	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{54}Ni	2007D017	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured $T_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=55

^{55}Ti	2007ZH37	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, np), (^{48}Ca, 2p), E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin using Gammasphere. ^{55}V, ^{55}Ti deduced levels, J, π. Comparison with model calculations. JOUR PYLBB 650 135
^{55}V	2007ZH37	NUCLEAR REACTIONS ^{9}Be(^{48}Ca, np), (^{48}Ca, 2p), E=172 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin using Gammasphere. ^{55}V, ^{55}Ti deduced levels, J, π. Comparison with model calculations. JOUR PYLBB 650 135
^{55}Ni	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured T$_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{55}Cu	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured T$_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{55}Zn	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured T$_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=56

^{56}Fe	2007AL49	NUCLEAR REACTIONS ^{57}Fe(^{3}He, α), (^{3}He, ^{3}He'), E=45 MeV; ^{56}Fe(n, γ), E=thermal; ^{55}Mn(d, n), E=7.0 MeV; measured Eγ, Iγ. Deduced nuclear level densities and radiative strength functions. Compared results to model calculations. JOUR PANUE 70 1634
^{56}Ni	2007MO29	NUCLEAR REACTIONS ^{2}H(^{56}Ni, d), E=50 MeV / nucleon; measured Ed, E(recoil), energy excitation spectrum. JOUR NUPAB 788 182c
^{56}Cu	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured T$_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18
^{56}Zn	2007DO17	RADIOACTIVITY ^{36,37}Ca, ^{39,40,41}Ti, ^{43}V, ^{42,43,44,45}Cr, ^{46,47}Mn, ^{46,47,48,49}Fe, ^{50,51}Co, ^{49,50,51,52,53}Ni, ^{55}Cu, ^{55,56}Zn(β^+), (EC), (β^+p) [from Ni(^{58}Ni, X)]; measured T$_{1/2}$, β-delayed proton and γ spectra, branching ratios. ^{43,45}Cr, ^{46}Mn, ^{46,47,48}Fe, ^{50}Co, ^{50,51,52,53}Ni deduced levels. Two-proton decay observed. Comparison with model predictions. JOUR NUPAB 792 18

A=57

^{57}Fe	2007AL49	NUCLEAR REACTIONS ^{57}Fe(^{3}He, α), (^{3}He, ^{3}He'), E=45 MeV; ^{56}Fe(n, γ), E=thermal; ^{55}Mn(d, n), E=7.0 MeV; measured Eγ, Iγ. Deduced nuclear level densities and radiative strength functions. Compared results to model calculations. JOUR PANUE 70 1634
	2007VO08	NUCLEAR REACTIONS ^{59}Co(d, n), (d, p), (d, α), ^{58}Fe(^{3}He, n), (^{3}He, p), (^{3}He, α)^{61}Ni, E=7.5, 10 MeV; measured neutron, proton and α particle spectra, reaction cross sections. ^{57}Fe, ^{60}Ni, ^{60}Cu; deduced level densities. JOUR PRVCA 76 044602

A=58

^{58}Fe	2007LI62	NUCLEAR REACTIONS ^{48}Ti(^{11}Be, n), E=41 MeV / nucleon; measured En, In, Eγ, Iγ, $\sigma(\theta)$, (^{10}Be)n-, γn-coin. ^{11}Be deduced spectroscopic factor, configurations. JOUR NUPAB 795 1
^{58}Cu	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

A=59

No references found

A=60

^{60}Co	2007VO08	NUCLEAR REACTIONS ^{59}Co(d, n), (d, p), (d, α), ^{58}Fe(^{3}He, n), (^{3}He, p), (^{3}He, α)^{61}Ni, E=7.5, 10 MeV; measured neutron, proton and α particle spectra, reaction cross sections. ^{57}Fe, ^{60}Ni, ^{60}Cu; deduced level densities. JOUR PRVCA 76 044602
^{60}Ni	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg
	2007VO08	NUCLEAR REACTIONS ^{59}Co(d, n), (d, p), (d, α), ^{58}Fe(^{3}He, n), (^{3}He, p), (^{3}He, α)^{61}Ni, E=7.5, 10 MeV; measured neutron, proton and α particle spectra, reaction cross sections. ^{57}Fe, ^{60}Ni, ^{60}Cu; deduced level densities. JOUR PRVCA 76 044602
^{60}Cu	2007VO08	NUCLEAR REACTIONS ^{59}Co(d, n), (d, p), (d, α), ^{58}Fe(^{3}He, n), (^{3}He, p), (^{3}He, α)^{61}Ni, E=7.5, 10 MeV; measured neutron, proton and α particle spectra, reaction cross sections. ^{57}Fe, ^{60}Ni, ^{60}Cu; deduced level densities. JOUR PRVCA 76 044602

A=60 *(continued)*

	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

A=61

^{61}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303
^{61}Ni	2007VO08	NUCLEAR REACTIONS ^{59}Co(d, n), (d, p), (d, α), ^{58}Fe(^{3}He, n), (^{3}He, p), (^{3}He, α)^{61}Ni, E=7.5, 10 MeV; measured neutron, proton and α particle spectra, reaction cross sections. ^{57}Fe, ^{60}Ni, ^{60}Cu; deduced level densities. JOUR PRVCA 76 044602

A=62

^{62}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303

A=63

^{63}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303
^{63}Ni	2008CO01	RADIOACTIVITY ^{63}Ni(β^-); measured $T_{1/2}$. JOUR ARISE 66 60
^{63}Cu	2008CO01	RADIOACTIVITY ^{63}Ni(β^-); measured $T_{1/2}$. JOUR ARISE 66 60

A=64

^{64}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303
^{64}Zn	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=65

^{65}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303

A=66

^{66}Fe	2007LU13	NUCLEAR REACTIONS ^{238}U(^{64}Ni, X)^{61}Fe / ^{62}Fe / ^{63}Fe / ^{64}Fe / ^{65}Fe / ^{66}Fe, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{61,62,63,64,65}Fe deduced levels, J, π. Compared results to model calculations. JOUR PRVCA 76 034303

A=67

No references found

A=68

No references found

A=69

No references found

A=70

^{70}Ni	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5

A=71

^{71}Ni	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5
^{71}Ga	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=72

^{72}Ni	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5
^{72}Ga	2007TU08	NUCLEAR REACTIONS ^{75}As(n, 2n), (n, p), (n, α), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR NIMBE 264 235

A=73

^{73}Ni	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5
^{73}Cu	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5
^{73}Ge	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007

A=74

^{74}Zn	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501
^{74}Ga	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504
^{74}As	2007TU08	NUCLEAR REACTIONS ^{75}As(n, 2n), (n, p), (n, α), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR NIMBE 264 235
^{74}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=75

^{75}Cu	2007RA27	ATOMIC MASSES ^{70,71,72,73}Ni, ^{73,75}Cu; measured masses using the JYFLTRAP double Penning trap setup; analyzed two neutron and proton separation energies. JOUR ZAANE 34 5
^{75}Ge	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007

A=75 *(continued)*

	2007TU08	NUCLEAR REACTIONS ^{75}As(n, 2n), (n, p), (n, α), E=13.5-14.8 MeV; measured Eγ, Iγ, cross sections using the activation technique. JOUR NIMBE 264 235
^{75}Se	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007
^{75}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=76

^{76}Zn	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501
^{76}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=77

^{77}Ge	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007
^{77}Se	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007
^{77}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=78

^{78}Zn	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501

A=79

^{79}Se	2007SCZX	NUCLEAR REACTIONS ^{74,76}Ge, ^{76,78}Se(d, p), E=15 MeV; ^{76}Ge, ^{76}Se(p, d), E=23 MeV; ^{74,76}Ge, ^{76,78}Se(^{3}He, α), E=26 MeV; ^{74,76}Ge, ^{76,78}Se(α, ^{3}He), E=40 MeV; measured cross sections. Deduced spectroscopic factors. PC J P Schiffer/10/2007
^{79}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=80

^{80}Zn	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501
^{80}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=81

No references found

A=82

No references found

A=83

^{83}Ge	2007TH15	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=330, 380 MeV; measured Ep, Ip, recoil-proton-coin, angular distributions; deduced asymptotic normalization coefficients, spectroscopic factors. ^{83}Ge, ^{85}Se; deduced levels, J, π, angular momentum using DWBA analysis. ^{82}Ge, ^{84}Se(n, γ), E=0-1 MeV; calculated cross sections. JOUR PRVCA 76 044302
^{83}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=84

^{84}Sr	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=85

^{85}Se	2007TH15	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=330, 380 MeV; measured Ep, Ip, recoil-proton-coin, angular distributions; deduced asymptotic normalization coefficients, spectroscopic factors. ^{83}Ge, ^{85}Se; deduced levels, J, π, angular momentum using DWBA analysis. ^{82}Ge, ^{84}Se(n, γ), E=0-1 MeV; calculated cross sections. JOUR PRVCA 76 044302
^{85}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{85}Rb	2007PE27	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs for excited states. JOUR PYLBB 655 114

A=86

^{86}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87

A=87

^{87}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
	2007RI15	NUCLEAR REACTIONS Pb(p, X)^{17}N / ^{87}Br / ^{88}Br, E=1 GeV; measured delayed neutron yields and precursor production cross sections. JOUR ZAANE 32 1
^{87}Rb	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504
	2007PE27	NUCLEAR MOMENTS ^{85,87}Rb; measured hfs for excited states. JOUR PYLBB 655 114

A=88

^{88}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
	2007RI15	NUCLEAR REACTIONS Pb(p, X)^{17}N / ^{87}Br / ^{88}Br, E=1 GeV; measured delayed neutron yields and precursor production cross sections. JOUR ZAANE 32 1
^{88}Sr	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=88 *(continued)*

	2007SC36	NUCLEAR REACTIONS ^{88}Sr(γ, γ'), E=9.0, 13.2, 16.0 MeV; measured Eγ, Iγ and angular distributions. ^{88}Sr deduced levels, J, π, photon scattering and photoabsortption cross sections. JOUR PRVCA 76 034321
^{88}Zr	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c

A=89

^{89}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{89}Zr	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c

A=90

^{90}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{90}Zr	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c
^{90}Nb	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

A=91

^{91}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{91}Y	2007TR10	NUCLEAR REACTIONS ^{92}Zr, ^{183}W(γ, p), E=10-25 MeV; measured Eγ, Iγ. Deduced isomeric ratios. JOUR PPNLA 4 397

A=91 *(continued)*

^{91}Nb	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c
^{91}Mo	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c

A=92

^{92}Br	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{92}Zr	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
^{92}Mo	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c

A=93

No references found

A=94

^{94}Rb	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87
^{94}Mo	2007FU12	NUCLEAR REACTIONS ^{94}Mo(e, e'), E=70 MeV; ^{94}Mo(p, p')E=200 MeV; measured excitation energy spectra; deduced mixed-symmetry state features. Comparison with shell model, quasiparticle phonon model and interacting boson model. JOUR NUPAB 788 94c

A=95

^{95}Rb	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87

A=95 *(continued)*

^{95}Tc	2007BU30	RADIOACTIVITY ^{95}Ru(β^+) [from ^{92}Mo(α, n), E=17 MeV]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-c0inc. ^{95}Tc deduced levels, J, π. Compared results to shell model calculations. JOUR ZAANE 32 123
	2007SH35	RADIOACTIVITY ^{95}Ru(β^+), (EC) [from ^{92}Mo(α, n), E=17 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{95}Tc deduced levels, J, π. Compared results to model calculations. JOUR ZAANE 32 149
^{95}Ru	2007BU30	RADIOACTIVITY ^{95}Ru(β^+) [from ^{92}Mo(α, n), E=17 MeV]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-c0inc. ^{95}Tc deduced levels, J, π. Compared results to shell model calculations. JOUR ZAANE 32 123
	2007SH35	RADIOACTIVITY ^{95}Ru(β^+), (EC) [from ^{92}Mo(α, n), E=17 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{95}Tc deduced levels, J, π. Compared results to model calculations. JOUR ZAANE 32 149

A=96

^{96}Rb	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87

A=97

^{97}Rb	2007RA23	ATOMIC MASSES ^{85,86,87,88,89,90,91,92}Br, ^{94,95,96,97}Rb; measured masses using the JYFLTRAP. Deduced Q-values. Compared results to previous measurements. JOUR ZAANE 32 87

A=98

^{98}Mo	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c

A=99

^{99}Mo	2007JO13	NUCLEAR REACTIONS ^{27}Al(^{178}Hf, X), E=1150 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99}Mo deduced levels, J, π, half-life, isomer, band structure. JOUR PRVCA 76 047303

A=100

^{100}Mo	2007SC39	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E≈13.2 MeV bremsstrahlung; measured Eγ, Iγ, angular distributions, photoabsorption σ. ^{92}Mo(γ, n), (γ, p), (γ, α), E≈10-16.5 MeV bremsstrahlung; measured activation yields and compared with QRPA calculations. JOUR NUPAB 788 331c
^{100}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324

A=101

No references found

A=102

No references found

A=103

^{103}Cd	2007CH74	NUCLEAR REACTIONS ^{72}Ge(^{35}Cl, 3np), E=135 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, multipolarities. ^{103}Cd deduced levels, J, π, angular momentum, bands; calculated shell-model configurations. Gammasphere array. JOUR PRVCA 76 044327
	2007CHZS	NUCLEAR REACTIONS ^{72}Ge(^{35}Cl, 3np), E=135 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{103}Cd deduced levels, J, π, multipolarities. PREPRINT arXiv:0709.1702v1 [nucl-ex]

A=104

No references found

A=105

No references found

A=106

^{106}Sn	2007VA22	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}sn'), (^{112}Sn, ^{112}Sn'), E=78-81 MeV; measured Eγ, Iγ, (particle)γ-coinc from projectile coulomb excitation. ^{106,108,110,112}Sn deduced B(E2). JOUR PRLTA 99 162501

A=107

^{107}Ag	2005NIZS	NUCLEAR REACTIONS Ni(^{22}Ne, ^{22}Ne'), E=2.25 MeV / nucleon; ^{107}Ag(^{22}Ne, ^{22}Ne'), E=2.86 MeV / nucleon; Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; ^{60}Ni, ^{107}Ag(^{30}Mg, ^{30}Mg'), E=2.69 MeV / nucleon; U(p, X)^{22}Ne / ^{30}Mg / ^{32}Mg, E=1.01-1.40 GeV; measured Eγ, I$\gamma(\theta)$, (particle)γ-coinc, cross sections following projectile and target Coulomb excitation. ^{22}Ne, ^{30}Mg, ^{32}Mg, ^{107}Ag deduced levels, B(E2), half-lives, deformations. REX-ISOLDE-CERN facility. Coupled-channel and GOSIA analyses. ^{24}Mg, ^{26}Mg, ^{28}Mg, ^{30}Mg, ^{32}Mg, ^{34}Mg systematics of B(E2) values. Comparisons with shell-model calculations. THESIS O T Niedermaier, Univ Heidelberg

A=108

^{108}Pd	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501
^{108}Sn	2007VA22	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}sn'), (^{112}Sn, ^{112}Sn'), E=78-81 MeV; measured Eγ, Iγ, (particle)γ-coinc from projectile coulomb excitation. ^{106,108,110,112}Sn deduced B(E2). JOUR PRLTA 99 162501

A=109

No references found

A=110

^{110}Sn	2007VA22	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}sn'), (^{112}Sn, ^{112}Sn'), E=78-81 MeV; measured Eγ, Iγ, (particle)γ-coinc from projectile coulomb excitation. ^{106,108,110,112}Sn deduced B(E2). JOUR PRLTA 99 162501
^{110}Te	2007PA34	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 2pα), E=250 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{110}Te deduced levels, J, π, multipolarity. JOUR PRVCA 76 034322
	2007PA35	NUCLEAR REACTIONS ^{58}Ni(^{58}Ni, 2pα), E=240, 250 MeV; measured Eγ, Iγ, $\gamma\gamma$, (particle)γ-coinc. ^{110}Te deduced levels, J, π, multipolarity. JOUR PRVCA 76 034323

A=111

No references found

A=112

^{112}Cd	2007DAZX	RADIOACTIVITY ^{124}Sn(2β^-); ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ. Deduced lower limits for $T_{1/2}$. PREPRINT arXiv:0709.4342v1 [nucl-ex]
^{112}Sn	2007DAZX	RADIOACTIVITY ^{124}Sn(2β^-); ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ. Deduced lower limits for $T_{1/2}$. PREPRINT arXiv:0709.4342v1 [nucl-ex]
	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007GA45	NUCLEAR REACTIONS ^{100}Mo(^{20}Ne, 4nα), E=136 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{112}Sn deduced levels, J, π, lifetimes, multipolirities, and B(E2). JOUR NUPAB 789 1
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]
	2007OZ04	NUCLEAR REACTIONS ^{112,120}Sn(γ, γ'), E≈9-11 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn deduced B(E1) strength distribution. Sn analyzed B(E1). JOUR NUPAB 788 385c
	2007VA22	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}sn'), (^{112}Sn, ^{112}Sn'), E=78-81 MeV; measured Eγ, Iγ, (particle)γ-coinc from projectile coulomb excitation. ^{106,108,110,112}Sn deduced B(E2). JOUR PRLTA 99 162501

A=113

^{113}Ru	2007KU23	RADIOACTIVITY ^{113}Ru, ^{113}Rh(β^-) [from ^{248}cm(SF)]; measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coinc. ^{113}Ru, Rh deduced levels, J, π, logft.Compared results to model calculations. JOUR ZAANE 33 307
^{113}Rh	2007KU23	RADIOACTIVITY ^{113}Ru, ^{113}Rh(β^-) [from ^{248}cm(SF)]; measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coinc. ^{113}Ru, Rh deduced levels, J, π, logft.Compared results to model calculations. JOUR ZAANE 33 307
^{113}Pd	2007KU23	RADIOACTIVITY ^{113}Ru, ^{113}Rh(β^-) [from ^{248}cm(SF)]; measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coinc. ^{113}Ru, Rh deduced levels, J, π, logft.Compared results to model calculations. JOUR ZAANE 33 307

A=114

^{114}Sn	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c

A=114 *(continued)*

	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]

A=115

^{115}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{115}Sn	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c

A=116

^{116}In	2007SA47	NUCLEAR REACTIONS ^{116}Cd(p, n), E=300 MeV; measured excitation energy spectrum. ^{116}In deduced Gamow-Teller strength distribution, nuclear matrix elements. Comparison with other data. JOUR NUPAB 788 76c
^{116}Sn	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]

A=116 *(continued)*

	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c

A=117

^{117}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{117}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290

A=118

^{118}Sn	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]
^{118}Sb	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

A=119

^{119}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{119}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
	2007LOZZ	RADIOACTIVITY ^{119}Sn(IT) [from ^{118}Sn(n, γ)]; measured Eγ, Iγ, ce, (ce)γ-coin, $T_{1/2}$. Half-life dependence on ^{119}Sn / ^{119m2}Sn ratio observed; inhibition effect due to Moessbauer backscattering is discussed. REPT PNPI-2732,Loginov

A=120

^{120}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]
	2007OZ04	NUCLEAR REACTIONS ^{112,120}Sn(γ, γ'), E≈9-11 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn deduced B(E1) strength distribution. Sn analyzed B(E1). JOUR NUPAB 788 385c
	2007VA20	NUCLEAR REACTIONS ^{108}Pd, ^{120}Sn(^{74}Zn, ^{74}Zn'), (^{76}Zn, ^{76}Zn'), (^{78}Zn, ^{78}Zn'), (^{80}Zn, ^{80}Zn'), E=2.79-2.87 MeV / nucleon; measured Eγ, Iγ. ^{74,76,78,80}Zn deduced B(E2). JOUR PRLTA 99 142501

A=121

^{121}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{121}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290

A=122

^{122}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{122}Sn	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]

A=122 *(continued)*

^{122}Te	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306

A=123

^{123}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{123}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290

A=124

^{124}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{124}Sn	2007DAZX	RADIOACTIVITY ^{124}Sn(2β^-); ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ. Deduced lower limits for $T_{1/2}$. PREPRINT arXiv:0709.4342v1 [nucl-ex]
	2007GA44	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα, σ(E, θ). ^{112,114,116,118,120,122,124}Sn deduced GMR energy, strength distributions, moment ratios. Comparison with other data and calculations. JOUR NUPAB 788 36c
	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
	2007LI61	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. JOUR PRLTA 99 162503
	2007LIZX	NUCLEAR REACTIONS ^{112,114,116,118,120,122,124}Sn(α, α'), E=400 MeV; measured Eα, Iα. Deduced GMR strength distributions. PREPRINT arXiv:0709.0567v1 [nucl-ex]
^{124}Te	2007DAZX	RADIOACTIVITY ^{124}Sn(2β^-); ^{112}Sn(β^+EC), (2EC); measured Eγ, Iγ. Deduced lower limits for $T_{1/2}$. PREPRINT arXiv:0709.4342v1 [nucl-ex]

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

	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306

A=125

^{125}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{125}Sn	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
^{125}Te	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306

A=126

^{126}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324
^{126}Te	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306
^{126}Xe	2007HA34	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n)^{126}Xe, E=190, 200 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc using the Gammasphere and the Euroball array. ^{126}Xe deduced levels, J, π. JOUR PRVCA 76 034311

A=127

^{127}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324

A=128

^{128}Cd	2007HO22	NUCLEAR REACTIONS Be(^{136}Xe, X), E=120 MeV / nucleon; measured Eγ, Iγ. ^{125}Cd, ^{126}Cd, ^{127}Cd, ^{128}Cd deduced levels, J, π, isomers, half-lives, band structure; ^{100,115,117,119,121,122,123,124}Cd; level systematics. JOUR PRVCA 76 044324

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

^{128}Te	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306

A=129

^{129}Sn	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c

A=130

^{130}Cd	2007JU05	RADIOACTIVITY ^{130}Cd(IT) [from Be(^{136}Xe, 6n), E=750 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{130}Cd deduced levels, J, π. JOUR PRLTA 99 132501
^{130}Sn	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{130}Te	2007ST24	NUCLEAR REACTIONS Te(^{58}Ni, γ)^{122}Te / ^{124}Te / ^{125}Te / ^{126}Te / ^{128}Te / ^{130}Te, E=195 MeV; measured Eγ, Iγ, (particle)γ angular correlations. ^{122,124,125,126,128,130}Te deduced g-factors. JOUR PRVCA 76 034306

A=131

^{131}Sn	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c

A=132

^{132}Sn	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{132}Ce	2007BR24	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X)^{132}Ce, E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X)^{132}Ce, E=130, 250 MeV; measured Eγ, Iγ, Eα, Iα, (residual)γ-coin using Hector and Garfield arrays; deduced average giant dipole resonance width and energy. JOUR NUPAB 788 205c

A=133

^{133}Sn	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{133}Cs	2007KE09	ATOMIC MASSES ^{74,75,76,77,79,80,83,87}Rb; ^{64}Zn;^{71,74}Ga;^{84,88}Sr;^{133}Cs; measured atomic masses. ISOLTRAP Penning Trap. JOUR PRVCA 76 045504

A=134

^{134}Pr	2007TO21	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4nγ), E=83, 87 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, lifetimes, multipolarity, linear polarization. ^{134}Pr; deduced levels, J, π, band structure, chiral behavior, TQPTT and IBFFM model calculations, B(E2), B(M1). JOUR PRVCA 76 044313

A=135

^{135}Sn	2007KO66	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, X), E=thermal]; measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coinc. ^{135}Sb deduced $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 32 25
^{135}Sb	2007KO66	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, X), E=thermal]; measured Eγ, Iγ, $\beta\gamma$, $\gamma\gamma$-coinc. ^{135}Sb deduced $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 32 25
^{135}Nd	2007MU14	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, 5n), E=175 MeV; measured Eγ, Iγ, lifetimes. ^{135}Nd deduced B(M1), B(E2). JOUR PRLTA 99 172501

A=136

^{136}Sb	2007SI27	NUCLEAR REACTIONS ^{241}Pu(n, F), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin, X-ray spectra, i(X-ray)γ-coin, conversion electrons. ^{136}Sb; deduced levels, J, π, half-lives, isomer. JOUR PRVCA 76 041303

A=137

No references found

A=138

^{138}Cs	2007RZ03	RADIOACTIVITY ^{138}Cs(IT) [from ^{248}Cm(SF)]; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{138}Cs deduced levels, J, π. JOUR ZAANE 32 5
^{138}Ba	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
^{138}Ce	2007PI13	NUCLEAR REACTIONS ^{12}C(^{138}Ce, ^{138}Ce'), E=480 MeV; measured Eγ, Iγ, angular distributions following projectile Coulomb excitation. ^{138}Ce deduced levels, J, π, B(M1), B(E2), matrix elements, δ, mixed-symmetry state. Gammasphere array. JOUR NUPAB 788 85c

A=139

No references found

A=140

^{140}Ce	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
	2007SA48	NUCLEAR REACTIONS ^{140}Ce(α, α'), E=136 MeV; measured Eα, Eγ, $\alpha\gamma$-coin, $\sigma(\theta)$. ^{140}Ce deduced electric dipole strength distribution, pygmy resonance features. JOUR NUPAB 788 165c
	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c

A=141

No references found

A=142

^{142}Pr	2007ZH42	NUCLEAR REACTIONS ^{141}Pr(n, γ), E=0.54, 1.09, 1.59 MeV; measured Eγ, Iγ, cross sections using the activation method. Compared results to model calculations. JOUR ARISE 65 1314
^{142}Nd	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E≈ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c

A=143

No references found

A=144

^{144}Nd	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
^{144}Sm	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c

A=145

No references found

A=146

^{146}Sm	2007HA49	NUCLEAR REACTIONS ^{147}Sm(γ, n), E < 50 MeV; ^{147}Sm(n, 2n), E=6-10 MeV; ^{147}Sm(p, 2n), E=21 MeV; measured Eα, Iα. JOUR JNRSA 8 109
^{146}Eu	2007HA49	NUCLEAR REACTIONS ^{147}Sm(γ, n), E < 50 MeV; ^{147}Sm(n, 2n), E=6-10 MeV; ^{147}Sm(p, 2n), E=21 MeV; measured Eα, Iα. JOUR JNRSA 8 109

A=147

^{147}Pm	2007BE48	RADIOACTIVITY ^{151}Eu(α); measured Eα, Iα. Deduced lower lime for $T_{1/2}$. JOUR NUPAB 789 15

A=148

No references found

A=149

^{149}La	2007UR03	RADIOACTIVITY ^{149}La [from ^{248}Cm(SF)]; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{149}La deduced levels, J, π. JOUR PRVCA 76 037301

A=150

No references found

A=151

^{151}Eu	2007BE48	RADIOACTIVITY ^{151}Eu(α); measured Eα, Iα. Deduced lower lime for $T_{1/2}$. JOUR NUPAB 789 15

A=152

^{152}Sm	2007KU20	RADIOACTIVITY ^{152}Eu(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{152}Sm deduced levels, J, Π. JOUR PRVCA 76 034319
^{152}Eu	2007KU20	RADIOACTIVITY ^{152}Eu(β^+), (EC); measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{152}Sm deduced levels, J, Π. JOUR PRVCA 76 034319

A=153

No references found

A=154

No references found

A=155

^{155}Tm	2007RA21	NUCLEAR REACTIONS ^{144}Sm(^{14}N, 3n), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{155}Tm deduced levels, J, π. JOUR NUPAB 794 1

A=156

No references found

A=157

No references found

A=158

^{158}Gd	2007LE29	NUCLEAR REACTIONS ^{158}Gd(n, n'γ), E $<$ 3.3 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc, excitation functions and angular distributions. ^{158}Gd deduced level energies, lifetimes, B(E1), B(E2) for 0^+ states. JOUR PRVCA 76 034318

A=159

No references found

A=160

^{160}Tb	2007BU29	NUCLEAR REACTIONS ^{161,163}Dy(^{3}H, α), E=17 MeV; measured Eα, Iα, $\sigma(\theta)$, Q-value. ^{160,162}Tb deduced levels, J, π, atomic masses. Enriched targets, magnetic spectrograph, DWBA analysis. JOUR NUPAB 794 149

A=161

No references found

A=162

^{162}Tb	2007BU29	NUCLEAR REACTIONS ^{161,163}Dy(^{3}H, α), E=17 MeV; measured Eα, Iα, $\sigma(\theta)$, Q-value. ^{160,162}Tb deduced levels, J, π, atomic masses. Enriched targets, magnetic spectrograph, DWBA analysis. JOUR NUPAB 794 149

A=163

No references found

A=164

No references found

A=165

No references found

A=166

^{166}Tm	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29
^{166}Re	2007HA45	RADIOACTIVITY ^{170}Ir(α); measured E(α). ^{166}Re; deduced levels. JOUR PRVCA 76 044312

A=167

^{167}Yb	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29
^{167}Lu	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=168

^{168}Lu	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=169

No references found

A=170

^{170}Hf	2007WO08	RADIOACTIVITY ^{170}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV]; measured Eγ, Iγ, $\gamma\gamma(\theta)$ in static magnetic field. ^{170}Hf; deduced levels, J, π, g-factor of first 2+ state. JOUR PRVCA 76 047308
^{170}Ta	2007WO08	RADIOACTIVITY ^{170}Ta(β^+), (EC) [from ^{159}Tb(^{16}O, 5n), E=100 MeV]; measured Eγ, Iγ, $\gamma\gamma(\theta)$ in static magnetic field. ^{170}Hf; deduced levels, J, π, g-factor of first 2+ state. JOUR PRVCA 76 047308
^{170}Ir	2007HA45	NUCLEAR REACTIONS ^{112}Sn(^{60}Ni, np), E=266 MeV; measured Eγ, Iγ, recoil decay tagging, $\gamma\gamma$-, (recoil)γ-coin; ^{170}Ir deduced levels, J, π, bands, half-lives. JUROGAM array used with RITU, GREAT spectrometer. JOUR PRVCA 76 044312
	2007HA45	RADIOACTIVITY ^{170}Ir(α); measured E(α). ^{166}Re; deduced levels. JOUR PRVCA 76 044312

A=171

^{171}Er	2007YU02	NUCLEAR REACTIONS ^{170}Er(n, γ), E=thermal; measured Eγ, Iγ. Deduced cross section and resonance integral. JOUR PRVCA 76 034610

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

^{171}Tm	2007TS10	RADIOACTIVITY ^{171}Tm(β^-); measured Eγ, Iγ, multipolarity, linear polarization of Mossbauer γ-ray, test of time-reversal symmetry. JOUR PRVCA 76 045503
^{171}Yb	2007TS10	RADIOACTIVITY ^{171}Tm(β^-); measured Eγ, Iγ, multipolarity, linear polarization of Mossbauer γ-ray, test of time-reversal symmetry. JOUR PRVCA 76 045503

A=172

No references found

A=173

No references found

A=174

No references found

A=175

No references found

A=176

No references found

A=177

^{177}Hf	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29
^{177}W	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=177 *(continued)*

^{177}Re	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=178

^{178}Lu	2007GO38	NUCLEAR REACTIONS ^{181}Ta(γ, n2p), E < 1.2 GeV; measured Eγ, Iγ, from isomer decay, production cross section. JOUR UKPJA 52 823
^{178}Hf	2007EG02	NUCLEAR REACTIONS ^{91}Zr, ^{116,118,119,120,122,124}Sn, ^{143}Nd, ^{177}Hf(n, γ);E=thermal; measured Eγ, Iγ, cross sections. JOUR ARISE 65 1290
	2007LA33	RADIOACTIVITY ^{178}Ta(EC) [from ^{175}Lu(α, n), E=18 MeV]; measured β-delayed Eγ, Iγ, second forbidden ft values. JOUR UKPJA 52 826
^{178}Ta	2007LA33	RADIOACTIVITY ^{178}Ta(EC) [from ^{175}Lu(α, n), E=18 MeV]; measured β-delayed Eγ, Iγ, second forbidden ft values. JOUR UKPJA 52 826
	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=179

^{179}Re	2007SI30	NUCLEAR REACTIONS ^{159}Tb(^{16}O, X)^{166}Tm / ^{167}Yb / ^{167}Lu / ^{168m}Lu, E≈90 MeV; ^{169}Tm(^{16}O, X)^{177}Hf / ^{178}Ta / ^{177}W / ^{177}Re / ^{179}Re, E≈87 MeV; measured Eγ, Iγ; deduced (in-)complete fusion evaporation residue yields, σ, $T_{1/2}$, recoil range distributions. JOUR ZAANE 34 29

A=180

No references found

A=181

No references found

A=182

^{182}Ta	2007TR10	NUCLEAR REACTIONS ^{92}Zr, ^{183}W(γ, p), E=10-25 MeV; measured Eγ, Iγ. Deduced isomeric ratios. JOUR PPNLA 4 397

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

^{182}Ir	2007HO20	RADIOACTIVITY ^{182}PT(β^+), (EC); measured delayed Eγ, Iγ, Ee, (electron)γ-coinc. ^{182}Ir deduced levels, J, π, multipolarity. Compared results to model calculations. JOUR ZAANE 33 193
^{182}Pt	2007HO20	RADIOACTIVITY ^{182}PT(β^+), (EC); measured delayed Eγ, Iγ, Ee, (electron)γ-coinc. ^{182}Ir deduced levels, J, π, multipolarity. Compared results to model calculations. JOUR ZAANE 33 193

A=183

No references found

A=184

No references found

A=185

^{185}Ta	2007SH42	NUCLEAR REACTIONS ^{186}W(^{18}O, ^{19}F), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin, $\gamma\gamma$-coin. ^{185}Ta deduced levels, J, π. JOUR ZAANE 34 1

A=186

^{186}Re	2007TA30	NUCLEAR REACTIONS ^{186}W(p, n), E $<$ 30 MeV; measured cross sections and excitation function using the activation technique. Compared results to existing data and model calculations. JOUR NIMBE 264 389

A=187

No references found

A=188

No references found

A=189

No references found

A=190

No references found

A=191

^{191}Au	2007OK05	NUCLEAR REACTIONS ^{186}W(^{11}B, 4n), (^{11}B, 4np), (^{11}B, 6n), E=68 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, linear polarization.^{191,193}Au, ^{192}Pt deduced levels, J, π; calculated deformation parameters using Particle-Plus-Triaxial Rotor model. JOUR PRVCA 76 044315

A=192

^{192}Ir	2007TA28	NUCLEAR REACTIONS ^{192}Os(d, 2n), (d, p), E < 21 MeV; measured Eγ, Iγ, cross sections and excitation functions using stacked foil activation. Compared results to model calculations. JOUR ARISE 65 1215
^{192}Pt	2007OK05	NUCLEAR REACTIONS ^{186}W(^{11}B, 4n), (^{11}B, 4np), (^{11}B, 6n), E=68 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, linear polarization.^{191,193}Au, ^{192}Pt deduced levels, J, π; calculated deformation parameters using Particle-Plus-Triaxial Rotor model. JOUR PRVCA 76 044315
^{192}Pb	2007IO03	NUCLEAR REACTIONS ^{168}Er(^{28}Si, 4n), ^{170}Er(^{28}Si, 5n), E=143 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, time differential perturbed angular distributions, lifetimes. ^{192}Pb, ^{194}Pb deduced levels, J, π, spectroscopic quadrupole moments. JOUR PYLBB 650 141

A=193

^{193}Os	2007TA28	NUCLEAR REACTIONS ^{192}Os(d, 2n), (d, p), E < 21 MeV; measured Eγ, Iγ, cross sections and excitation functions using stacked foil activation. Compared results to model calculations. JOUR ARISE 65 1215
^{193}Au	2007OK05	NUCLEAR REACTIONS ^{186}W(^{11}B, 4n), (^{11}B, 4np), (^{11}B, 6n), E=68 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, $\gamma\gamma(\theta)$, linear polarization.^{191,193}Au, ^{192}Pt deduced levels, J, π; calculated deformation parameters using Particle-Plus-Triaxial Rotor model. JOUR PRVCA 76 044315
^{193}Pb	2007IO03	NUCLEAR REACTIONS ^{168}Er(^{28}Si, 4n), ^{170}Er(^{28}Si, 5n), E=143 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, time differential perturbed angular distributions, lifetimes. ^{192}Pb, ^{194}Pb deduced levels, J, π, spectroscopic quadrupole moments. JOUR PYLBB 650 141

A=194

^{194}Pb	2007IO03	NUCLEAR REACTIONS ^{168}Er(^{28}Si, 4n), ^{170}Er(^{28}Si, 5n), E=143 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, time differential perturbed angular distributions, lifetimes. ^{192}Pb, ^{194}Pb deduced levels, J, π, spectroscopic quadrupole moments. JOUR PYLBB 650 141

A=195

No references found

A=196

^{196}Pt	2007PE28	NUCLEAR REACTIONS ^{196}Pt(d, 2n), E=12.2 MeV; measured Eγ, Iγ. ^{196}Pt deduced levels $T_{1/2}$, B(E1), B(E2), B(M1) using centroid shift analysis. JOUR NUPAB 796 1
^{196}Au	2007KU25	NUCLEAR REACTIONS ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{196}Tl / ^{198}Tl, E=7-60 MeV; measured Eγ, Iγ, cross sections, and excitation functions using stacked foil technique. JOUR JPGPE 34 2297
	2007PE28	NUCLEAR REACTIONS ^{196}Pt(d, 2n), E=12.2 MeV; measured Eγ, Iγ. ^{196}Pt deduced levels $T_{1/2}$, B(E1), B(E2), B(M1) using centroid shift analysis. JOUR NUPAB 796 1
^{196}Tl	2007KU25	NUCLEAR REACTIONS ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{196}Tl / ^{198}Tl, E=7-60 MeV; measured Eγ, Iγ, cross sections, and excitation functions using stacked foil technique. JOUR JPGPE 34 2297

A=197

^{197}Au	2007VA22	NUCLEAR REACTIONS ^{197}Au(^{106}Sn, ^{106}Sn'), (^{108}Sn, ^{108}Sn'), (^{110}Sn, ^{110}sn'), (^{112}Sn, ^{112}Sn'), E=78-81 MeV; measured Eγ, Iγ, (particle)γ-coinc from projectile coulomb excitation. ^{106,108,110,112}Sn deduced B(E2). JOUR PRLTA 99 162501
^{197}Tl	2007SI28	NUCLEAR REACTIONS ^{181}Ta(^{16}O, F), E=105, 110, 115 MeV; ^{178}Hf(^{19}F, F), E=108, 113, 118 MeV; measured neutron spectra, neutron multiplicities, angular momentum, dissipation strengths as function of excitation energies. ^{197}Tl; deduced compound nucleus fission channels. JOUR PRVCA 76 044610

A=198

^{198}Au	2007KU25	NUCLEAR REACTIONS ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{196}Tl / ^{198}Tl, E=7-60 MeV; measured Eγ, Iγ, cross sections, and excitation functions using stacked foil technique. JOUR JPGPE 34 2297
^{198}Tl	2007KU25	NUCLEAR REACTIONS ^{197}Au(^{6}He, X)^{196}Au / ^{198}Au / ^{196}Tl / ^{198}Tl, E=7-60 MeV; measured Eγ, Iγ, cross sections, and excitation functions using stacked foil technique. JOUR JPGPE 34 2297

A=199

No references found

A=200

No references found

A=201

No references found

A=202

No references found

A=203

No references found

A=204

No references found

A=205

No references found

A=206

^{206}Pb	2007RA22	RADIOACTIVITY ^{210}Po(α); measured Eα, Iα, $T_{1/2}$ as a function of temperature by implanting Po ions in cooled metallic copper. JOUR ZAANE 32 51

A=207

^{207}Pb	2007DO18	NUCLEAR REACTIONS ^{206}Pb(n, γ), E<1 MeV; measured Eγ, Iγ; ^{207}Pb deduced levels, J, π, resonance parameters, reaction cross sections. CERN n_TOF facility. JOUR PRVCA 76 045805
	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c

A=208

^{208}Pb	2007GOZV	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=48.4 MeV / nucleon; measured particle energies, emission angles, Eγ, Iγ, (particle)γ-coinc, σ. ^{22}Mg(p, γ); deduced reaction rate. REPT RIKEN-NC-NP-14,Gomi
	2007KL05	NUCLEAR REACTIONS Be(^{238}U, X), E=550 MeV / nucleon; measured fragment yields. ^{12}C, ^{208}Pb(^{129}Sn, X), (^{130}Sn, X), (^{131}Sn, X), (^{132}Sn, X), (^{133}Sn, X), E$\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced electromagnetic dissociation σ(E). ^{129,130,131,132,133}Sn deduced dipole strength distributions, B(E1), pygmy and giant dipole resonance parameters. Comparison with RPA calculations. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb(γ, γ'), E not given; analyzed Eγ, Iγ. ^{40,44,48}Ca, ^{116,124}Sn, ^{138}Ba, ^{140}Ce, ^{142}Nd, ^{144}Sm, ^{208}Pb deduced B(E1). JOUR NUPAB 788 145c
	2007SU18	NUCLEAR REACTIONS ^{208}Pb(^{11}Be, ^{11}Be'), E=38.6 MeV / nucleon; measured Coulomb excitation σ. ^{11}Be deduced B(E1) strengths; calculated σ. Extended continuum discretized coupled channels method. Comparison with previous data. JOUR PYLBB 650 124
	2007WO06	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'), (α, nα), E=200 MeV; measured Eγ, Eα, En, σ(E, θ), excitation energy spectra. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR neutron decay features. ^{140}Ce(α, $\alpha\gamma$), E=136 MeV; measured Eγ, Eα. ^{140}Ce deduced E1 strength distribution. JOUR NUPAB 788 27c
^{208}Bi	2007ZE06	NUCLEAR REACTIONS ^{12,13}C, ^{18}O, ^{26}Mg, ^{58}Ni, ^{60}Ni, ^{90}Zr, ^{118}Sn, ^{208}Pb(^{3}He, t), E=420 MeV; measured triton spectra and cross sections. Deduced B(GT). JOUR PRLTA 99 202501

A=209

No references found

A=210

^{210}Pb	2007ES06	NUCLEAR REACTIONS ^{208}Pb(^{6}He, α), E=14, 16, 18, 22 MeV; measured Eα, Iα, σ(E, θ); deduced reaction mechanism features using DWBA analysis. JOUR NUPAB 792 2
^{210}Po	2007RA22	RADIOACTIVITY ^{210}Po(α); measured Eα, Iα, $T_{1/2}$ as a function of temperature by implanting Po ions in cooled metallic copper. JOUR ZAANE 32 51

A=211

No references found

A=212

No references found

A=213

No references found

A=214

No references found

A=215

No references found

A=216

No references found

A=217

^{217}At	2007JE07	RADIOACTIVITY ^{221}Fr(α); measured Eα, Iα, $T_{1/2}$ implanted in a number of materials. JOUR ZAANE 32 31

A=218

No references found

A=219

No references found

A=220

No references found

A=221

^{221}Fr	2007JE07	RADIOACTIVITY ^{221}Fr(α); measured Eα, Iα, $T_{1/2}$ implanted in a number of materials. JOUR ZAANE 32 31

A=222

No references found

A=223

No references found

A=224

No references found

A=225

No references found

A=226

No references found

A=227

No references found

A=228

No references found

A=229

No references found

A=230

No references found

A=231

No references found

A=232

No references found

A=233

^{233}Th	2007NE11	NUCLEAR REACTIONS ^{232}Th(n, γ), E=1.3-1.8 MeV; measured Eγ, Iγ from fission fragments. Deduced fission fragment yields. JOUR ZAANE 32 165
	2007NE11	RADIOACTIVITY ^{233}Th; measured Eγ, Iγ from fission fragments. Deduced evidence for existence of hyperdeformed octupole shapes. JOUR ZAANE 32 165

A=234

No references found

A=235

No references found

A=236

No references found

A=237

No references found

A=238

No references found

A=239

No references found

A=240

No references found

A=241

No references found

A=242

No references found

A=243

No references found

A=244

No references found

A=245

No references found

A=246

No references found

A=247

No references found

A=248

No references found

A=249

^{249}Fm	2007LO11	RADIOACTIVITY ^{253}No(α) [from ^{207}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, Eγ, E(ce), $\alpha\gamma$-, α(ce)-coin, $T_{1/2}$. ^{253}No deduced levels, J, π, configurations. JOUR ZAANE 32 245

A=250

^{250}Cm	2006IS07	NUCLEAR REACTIONS ^{248}Cm(^{18}O, ^{16}O), E=162 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{250}Cm deduced levels, J, π. JOUR JUPSA 75 043201

A=251

No references found

A=252

^{252}No	2007SU19	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n)^{252}No, E(cm)=173.6-177 MeV; measured Eγ, Iγ, $\gamma\gamma$-coinc. ^{252}No deduced levels, J, π. JOUR ZAANE 33 327

A=253

^{253}No	2007LO11	NUCLEAR REACTIONS ^{207}Pb(^{48}Ca, 2n), E$\sim$217 MeV; measured Eα, Eγ, E(ce) with the Gabriela detector. ^{253}No deduced levels, J, π, configurations. JOUR ZAANE 32 245
	2007LO11	RADIOACTIVITY ^{253}No(α) [from ^{207}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, Eγ, E(ce), $\alpha\gamma$-, α(ce)-coin, $T_{1/2}$. ^{253}No deduced levels, J, π, configurations. JOUR ZAANE 32 245

A=254

No references found

A=255

No references found

A=256

No references found

A=257

No references found

A=258

No references found

A=259

No references found

A=260

No references found

A=261

No references found

A=262

No references found

A=263

No references found

A=264

No references found

A=265

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A=267

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A=268

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A=269

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A=270

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A=271

No references found

A=272

No references found

A=273

No references found

A=274

No references found

A=275

No references found

A=276

No references found

A=277

No references found

A=278

No references found

A=279

^{279}Ds	2007HO18	RADIOACTIVITY ^{283}112(α), (SF) [from ^{238}U(^{48}Ca, X)]; measured Eα, (recoil)α-coin, $T_{1/2}$. JOUR ZAANE 32 251

A=280

No references found

A=281

No references found

A=282

No references found

A=283

^{283}112	2007HO18	RADIOACTIVITY ^{283}112(α), (SF) [from ^{238}U(^{48}Ca, X)]; measured Eα, (recoil)α-coin, $T_{1/2}$. JOUR ZAANE 32 251

A=284

No references found

A=285

No references found

A=286

^{286}112	2007HO18	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X), E=233.3-239.3 MeV; measured σ, Eα, (recoil)α-coin following residual nucleus decay; deduced evidence for ^{286}112. JOUR ZAANE 32 251

References

2005NIZS O.T.Niedermaier - Thesis, Univ. Heidelberg, Germany (2005)
Low-Energy Coulomb Excitation of the Neutron-Rich Mg Isotopes ^{30}Mg and ^{32}Mg

2006FAZX P.Fallon, E.Rodriguez-Vieitez, D.Bazin, C.M.Campbell, J.M.Cook, R.M.Clark, D.-C.Dinca, A.Gade, T.Glasmacher, I.-Y.Lee, A.O.Macchiavelli, W.F.Mueller, S.G.Prussin, M.Wiedeking, K.Yoneda - Proc. Int.Sym.on Structure of Exotic Nuclei and Nuclear Forces, Tokyo, Japan, 9-12 March 2006, p.165 (2006)
Transition to the Island of Inversion: Study of Excited States in $^{28-30}$Ne

2006IS07 T.Ishii, S.Shigematsu, H.Makii, M.Asai, K.Tsukada, A.Toyoshima, M.Matsuda, A.Makishima, T.Shizuma, J.Kaneko, I.Hossain, H.Toume, M.Ohara, S.Ichikawa, T.Kohno, M.Ogawa - J.Phys.Soc.Jpn. 75, 043201 (2006)
Ground-State Band of the Neutron-Rich Transuranium Nucleus ^{250}Cm$_{154}$

2007AD27 T.Adachi, Y.Fujita, P.von Brentano, G.P.A.Berg, C.Fransen, D.De Frenne, H.Fujita, K.Fujita, K.Hatanaka, M.Honma, E.Jacobs, J.Kamiya, K.Kawase, T.Mizusaki, K.Nakanishi, A.Negret, T.Otsuka, N.Pietralla, L.Popescu, Y.Sakemi, Y.Shimbara, Y.Shimizu, Y.Tameshige, A.Tamii, M.Uchida, T.Wakasa, M.Yosoi, K.O.Zell - Nucl.Phys. A788, 70c (2007)
Gamow-Teller transitions in pf-shell nuclei studied in (^{3}He, t) reactions

2007AG14 M.Agnello, and the FINUDA Collaboration - Eur.Phys.J. A 33, 251 (2007)
Study of the proton weak decay of $^{12}_{\Lambda}$C$_{g.s.}$ with FINUDA

2007AL49 E.Algin, A.Schiller, A.Voinov, U.Agvaanluvsan, T.Belgya, L.A.Bernstein, C.R.Brune, R.Chankova, P.E.Garrett, S.M.Grimes, M.Guttormsen, M.Hjorth-Jensen, M.J.Hornish, C.W.Johnson, T.Massey, G.E.Mitchell, J.Rekstad, S.Siem, W.Younes - Phys.Atomic Nuclei 70, 1634 (2007)
Bulk properties of iron isotopes

2007BA61 H.Baba, S.Shimoura, T.Minemura, Y.U.Matsuyama, A.Saito, H.Ryuto, 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 - Nucl.Phys. A788, 188c (2007)
Isoscalar compressional strengths in ^{14}O

2007BA69 D.W.Bardayan, J.C.Blackmon, R.P.Fitzgerald, W.R.Hix, K.L.Jones, R.L.Kozub, J.F.Liang, R.J.Livesay, Z.Ma, L.F.Roberts, M.S.Smith, J.S.Thomas, D.W.Visser - Phys.Rev. C 76, 045803 (2007)
^{30}S studied with the ^{32}S(p, t)^{30}S reaction and the ^{29}P(p, γ)^{30}S reaction rate

2007BA71 T.Baumann, A.M.Amthor, D.Bazin, B.A.Brown, C.M.Folden, III, A.Gade, T.N.Ginter, M.Hausmann, M.Matos, D.J.Morrissey, M.Portillo, A.Schiller, B.M.Sherrill, A.Stolz, O.B.Tarasov, M.Thoennessen - Nature(London) 449, 1022 (2007)
Discovery of ^{40}Mg and ^{42}Al suggests neutron drip-line slant towards heavier isotopes

2007BE47 A.Belhout, J.Kiener, A.Coc, J.Duprat, C.Engrand, C.Fitoussi, M.Gounelle, A.Lefebvre-Schuhl, N.de Sereville, V.Tatischeff, J.-P.Thibaud, M.Chabot, F.Hammache, H.Benhabiles-Mezhoud - Phys.Rev. C 76, 034607 (2007)
γ-ray production by proton and alpha-particle induced reactions on ^{12}C, ^{16}O, ^{24}Mg, and Fe

2007BE48 P.Belli, R.Bernabei, F.Cappella, R.Cerulli, C.J.Dai, F.A.Danevich, A.d'Angelo, A.Incicchitti, V.V.Kobychev, S.S.Nagorny, S.Nisi, F.Nozzoli, D.Prosperi, V.I.Tretyak, S.S.Yurchenko - Nucl.Phys. A789, 15 (2007)
Search for α decay of natural Europium

2007BH06 H.Bhang, S.Ajimura, K.Aoki, A.Banu, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.H.Kim, J.H.Kim, M.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, S.Shin, T.Takahashi, H.Tamura, K.Tanida, A.Toyota, K.Tsukada, T.Watanabe, H.J.Yim - Eur.Phys.J. A 33, 259 (2007)
The quenching of nucleon yields in the nonmesonic weak decay of Λ-hypernuclei and the three-body weak decay process

2007BR24 A.Bracco, F.Camera - Nucl.Phys. A788, 205c (2007)
Progress in the study of the gamma decay of the Giant Dipole Resonance in very hot rotating nuclei

2007BR25 M.Brekiesz, A.Maj, M.Kmiecik, K.Mazurek, W.Meczynski, J.Styczen, K.Zuber, P.Papka, C.Beck, F.Haas, V.Rauch, M.Rousseau, A.Sanchez i Zafra, J.Dudek, N.Schunck - Nucl.Phys. A788, 224c (2007)
Deformation Effects in Hot Rotating ^{46}Ti Probed by the Charged Particle Emission and GDR γ-Decay

2007BU29 D.G.Burke, P.E.Garrett, P.C.Sood - Nucl.Phys. A794, 149 (2007)
Nuclear level structures in ^{160,162}Tb studied with ^{161,163}Dy(t, α) reactions

2007BU30 F.Buisseret, C.Semay, V.Mathieu, B.Silvestre-Brac - Eur.Phys.J. A 32, 123 (2007)
Excited flux tube from q(q-bar)g hybrid mesons

2007CH74 A.Chakraborty, Krishichayan, S.Mukhopadhyay, S.Ray, S.N.Chintalapudi, S.S.Ghugre, N.S.Pattabiraman, A.K.Sinha, S.Sarkar, U.Garg, S.Zhu, M.S.Sarkar - Phys.Rev. C 76, 044327 (2007)
High-spin structure and band termination in ^{103}Cd

2007CHZS A.Chakraborty, Krishichayan, S.Mukhopadhyay, S.Ray, S.N.Chintalapudi, S.S.Ghugre, N.S.Pattabiraman, A.K.Sinha, S.Sarkar, U.Garg, S.Zhu, M.S.Sarkar - arXiv:0709.1702v1 [nucl-ex] (2007)
High-spin structure and Band Termination in ^{103}Cd

2007DAZX J.Dawson, R.Ramaswamy, C.Reeve, J.R.Wilson, K.Zuber - arXiv:0709.4342v1 [nucl-ex] (2007)
A search for various double beta decay modes of tin isotopes

2007DE47 N.de Sereville, A.Coc, C.Angulo, M.Assuncao, D.Beaumel, E.Berthoumieux, B.Bouzid, S.Cherubini, M.Couder, P.Demaret, F.de Oliveira Santos, P.Figuera, S.Fortier, M.Gaelens, F.Hammache, J.Kiener, A.Lefebvre-Schuhl, D.Labar, P.Leleux, M.Loiselet, A.Ninane, S.Ouichaoui, G.Ryckewaert, N.Smirnova, V.Tatischeff - Nucl.Phys. A791, 251 (2007)
Indirect study of ^{19}Ne states near the ^{18}F + p threshold

2007DE55 L.De Smet, C.Wagemans, J.Wagemans, J.Heyse, J.Van Gils - Phys.Rev. C 76, 045804 (2007)
Experimental determination of the ^{26}Al(n, α)^{23}Na reaction cross section and calculation of the Maxwellian averaged cross section at stellar temperatures

2007DO17 C.Dossat, N.Adimi, F.Aksouh, F.Becker, A.Bey, B.Blank, C.Borcea, R.Borcea, A.Boston, M.Caamano, G.Canchel, M.Chartier, D.Cortina, S.Czajkowski, G.de France, F.de Oliveira Santos, A.Fleury, G.Georgiev, J.Giovinazzo, S.Grevy, R.Grzywacz, M.Hellstrom, M.Honma, Z.Janas, D.Karamanis, J.Kurcewicz, M.Lewitowicz, M.J.Lopez Jimenez, C.Mazzocchi, I.Matea, V.Maslov, P.Mayet, C.Moore, M.Pfutzner, M.S.Pravikoff, M.Stanoiu, I.Stefan, J.C.Thomas - Nucl.Phys. A792, 18 (2007)
The decay of proton-rich nuclei in the mass A = 36-56 region

2007DO18 C.Domingo-Pardo, and the n_TOF Collaboration - Phys.Rev. C 76, 045805 (2007)
Measurement of the radiative neutron capture cross section of ^{206}Pb and its astrophysical implications

2007EG02 A.I.Egorov, Yu.E.Loginov, S.Eh.Malyutenkova - Appl.Radiat.Isot. 65, 1290 (2007)
Measurement of absolute intensities of some prompt γ-lines from the ^{91}Zr, ^{143}Nd, ^{177}Hf and $^{116,118-120,122,124}$Sn(n, γ) reactions and isomeric cross-sections of ^{123m,125m}Sn by in-beam γ-spectroscopy method

2007ES06 D.Escrig, A.M.Sanchez-Benitez, A.M.Moro, M.A.G.Alvarez, M.V.Andres, C.Angulo, M.J.G.Borge, J.Cabrera, S.Cherubini, P.Demaret, J.M.Espino, P.Figuera, M.Freer, J.E.Garcia-Ramos, J.Gomez-Camacho, M.Gulino, O.R.Kakuee, I.Martel, C.Metelko, F.Perez-Bernal, J.Rahighi, K.Rusek, D.Smirnov, O.Tengblad, V.Ziman - Nucl.Phys. A792, 2 (2007)
α-particle production in the scattering of ^{6}He by ^{208}Pb at energies around the Coulomb barrier

2007FA16 D.Q.Fang, W.Guo, C.W.Ma, K.Wang, T.Z.Yan, Y.G.Ma, X.Z.Cai, W.Q.Shen, Z.Z.Ren, Z.Y.Sun, J.G.Chen, W.D.Tian, C.Zhong, M.Hosoi, T.Izumikawa, R.Kanungo, S.Nakajima, T.Ohnishi, T.Ohtsubo, A.Ozawa, T.Suda, K.Sugawara, T.Suzuki, A.Takisawa, K.Tanaka, T.Yamaguchi, I.Tanihata - Phys.Rev. C 76, 031601 (2007)
Examining the exotic structure of the proton-rich nucleus ^{23}Al

2007FA17 M.Fallot, J.A.Scarpaci, N.Frascaria, Y.Blumenfeld, A.Chbihi, Ph.Chomaz, P.Desesquelles, J.Frankland, E.Khan, J.L.Laville, E.Plagnol, E.C.Pollacco, P.Roussel-Chomaz, J.C.Roynette, A.Shrivastava, T.Zerguerras - Nucl.Phys. A788, 106c (2007)
Decay of 1, 2 and 3-phonon states in ^{40}Ca

2007FO10 S.V.Fortsch, F.Cerutti, P.Colleoni, E.Gadioli, E.Gadioli Erba, A.Mairani, G.F.Steyn, J.J.Lawrie, F.D.Smit, S.H.Connell, R.W.Fearick, T.Thovhogi - Nucl.Phys. A797, 1 (2007)
Contributions of complete fusion and break-up-fusion to intermediate mass fragment production in the low energy interaction of ^{12}C and ^{27}Al

2007FU12 H.Fujita, N.T.Botha, O.Burda, J.Carter, R.W.Fearick, S.V.Fortsch, C.Fransen, M.Kuhar, A.Lenhardt, P.von Neumann-Cosel, R.Neveling, N.Pietralla, V.Yu.Ponomarev, A.Richter, O.Scholten, E.Sideras-Haddad, F.D.Smit, J.Wambach - Nucl.Phys. A788, 94c (2007)
One- and two-phonon mixed-symmetry states in ^{94}Mo in high-resolution electron and proton scattering

2007GA44 U.Garg, T.Li, S.Okumura, H.Akimune, M.Fujiwara, M.N.Harakeh, H.Hashimoto, M.Itoh, Y.Iwao, T.Kawabata, K.Kawase, Y.Liu, R.Marks, T.Murakami, K.Nakanishi, K.Nayak, P.V.Madhusudhana Rao, H.Sakaguchi, Y.Terashima, M.Uchida, Y.Yasuda, M.Yosoi, J.Zenihiro - Nucl.Phys. A788, 36c (2007)
The Giant Monopole Resonance in the Sn Isotopes: Why is Tin so "Fluffy"?

2007GA45 S.Ganguly, P.Banerjee, I.Ray, R.Kshetri, R.Raut, S.Bhattacharya, M.Saha-Sarkar, A.Goswami, S.Mukhopadhyay, A.Mukherjee, G.Mukherjee, S.K.Basu - Nucl.Phys. A789, 1 (2007)
Study of intruder band in ^{112}Sn

2007GA46 D.Galaviz, M.Amthor, D.Bazin, B.A.Brown, A.Cole, T.Elliot, A.Estrade, Zs.Fulop, A.Gade, T.Glasmacher, R.Kessler, G.Lorusso, M.Matos, F.Montes, W.Muller, J.Pereira, H.Schatz, B.Sherrill, F.Schertz, Y.Shimbara, E.Smith, A.Tamii, M.Wallace, R.Zegers - Nucl.Phys. A788, 381c (2007)
Improving the nuclear physics input along the rp-process path

2007GI13 J.Gibelin, D.Beaumel, T.Motobayashi, N.Aoi, H.Baba, Y.Blumenfeld, Z.Elekes, S.Fortier, N.Frascaria, N.Fukuda, T.Gomi, K.Ishikawa, Y.Kondo, T.Kubo, V.Lima, T.Nakamura, A.Saito, Y.Satou, E.Takeshita, S.Takeuchi, T.Teranishi, Y.Togano, A.M.Vinodkumar, Y.Yanagisawa, K.Yoshida - Nucl.Phys. A788, 153c (2007)
Search for low lying dipole strength in the neutron rich nucleus ^{26}Ne

2007GO38 I.G.Goncharov, A.M.Dovbnya, Yu.m.Ranyuk, O.S.Shevchenko - Ukr.J.Phys. 52, 823 (2007)
Production of ^{178m2}Hf on a 1.2-GeV electron accelerator

2007GOZV T.Gomi, K.Yoneda, 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, A.Yoshida, T.Motobayashi - RIKEN-NC-NP-14 (2007)
Resonant proton capture on ^{22}Mg studied by the Coulomb dissociation method

2007GU24 Yu.B.Gurov, B.A.Chernyshev, S.V.Isakov, V.S.Karpukhin, S.V.Lapushkin, I.V.Laukhin, V.A.Pechkurov, N.O.Poroshin, V.G.Sandukovsky - Eur.Phys.J. A 32, 261 (2007)
Search for superheavy hydrogen isotopes ^{6}H and ^{7}H in stopped π^- absorption reactions

2007HA34 C.R.Hansen, G.Sletten, G.B.Hagemann, B.Herskind, D.R.Jensen, P.Bringel, C.Engelhardt, H.Hubel, A.Neusser-Neffgen, A.K.Singh, M.P.Carpenter, R.V.F.Janssens, T.L.Khoo, T.Lauritsen, P.Bednarczyk, T.Byrski, D.Curien, G.Benzoni, A.Bracco, F.Camera, S.Leoni, R.M.Clark, P.Fallon, A.Korichi, J.Roccaz, A.Maj, J.N.Wilson, J.C.Lisle, T.Steinhardt, O.Thelen, S.W.Odegard - Phys.Rev. C 76, 034311 (2007)
Band structures extending to very high spin in ^{126}Xe

2007HA45 B.Hadinia, B.Cederwall, D.T.Joss, R.Wyss, R.D.Page, C.Scholey, A.Johnson, K.Lagergren, E.Ganioglu, K.Andgren, T.Back, D.E.Appelbe, C.J.Barton, S.Eeckhaudt, T.Grahn, P.Greenlees, P.Jones, R.Julin, S.Juutinen, H.Kettunen, M.Leino, A.-P.Lepanen, R.J.Liotta, P.Nieminen, J.Pakarinen, J.Perkowski, P.Rahkila, M.Sandzelius, J.Simpson, J.Uusitalo, K.Van de Vel, D.D.Warner, D.R.Wiseman - Phys.Rev. C 76, 044312 (2007)
In-beam γ-ray and α-decay spectroscopy of ^{170}Ir

2007HA49 T.Hashimoto, T.Nakanishi, A.Yokoyama, H.Amakawa, T.Mitsugashira, T.Ohtsuki, N.Takahashi, I.Ahmad, J.P.Greene, D.J.Henderson, C.L.Jiang, M.Notani, R.C.Pardo, N.Patel, K.E.Rehm, R.Scott, R.Vondrasek, L.Jisonna, P.Collon, D.Robertson, C.Schmitt, X.D.Tang, Y.Kashiv, M.Paul - J.Nucl.Radiochem.Sci. 8, 109 (2007)
Technological Development for Half-life Measurement of ^{146}Sm Nuclide

2007HO18 S.Hofmann, D.Ackermann, S.Antalic, H.G.Burkhard, V.F.Comas, R.Dressler, Z.Gan, S.Heinz, J.A.Heredia, F.P.Hessberger, J.Khuyagbaatar, B.Kindler, I.Kojouharov, P.Kuusiniemi, M.Leino, B.Lommel, R.Mann, G.Munzenberg, K.Nishio, A.G.Popeko, S.Saro, H.J.Schott, B.Streicher, B.Sulignano, J.Uusitalo, M.Venhart, A.V.Yeremin - Eur.Phys.J. A 32, 251 (2007)
The reaction ^{48}Ca + ^{238}U $\rightarrow$ ^{286}112* studied at the GSI-SHIP

2007HO20 D.Hojman, J.Sauvage, B.Roussiere, M.A.Cardona, G.Marguier, A.Wojtasiewicz, J.Genevey, A.Gizon, F.Ibrahim, A.Knipper, F.Le Blanc, J.Obert, J.Oms, and the ISOLDE Collaboration - Eur.Phys.J. A 33, 193 (2007)
Structure of low-spin states in the doubly-odd ^{182}Ir nucleus

2007HO22 N.Hoteling, W.B.Walters, B.E.Tomlin, P.F.Mantica, J.Pereira, A.Becerril, T.Fleckenstein, A.A.Hecht, G.Lorusso, M.Quinn, J.S.Pinter, J.B.Stoker - Phys.Rev. C 76, 044324 (2007)
Onset of isomers in ^{125,126,127,128}Cd and weakened neutron-neutron interaction strength

2007IO03 M.Ionescu-Bujor, A.Iordachescu, N.Marginean, C.A.Ur, D.Bucurescu, G.Suliman, D.L.Balabanski, F.Brandolini, S.Chmel, P.Detistov, K.A.Gladnishki, H.Hubel, S.Mallion, R.Marginean, N.H.Medina, D.R.Napoli, G.Neyens, P.Pavan, R.V.Ribas, C.Rusu, K.Turzo, N.Vermeulen - Phys.Lett. B 650, 141 (2007)
Shape coexistence in neutron-deficient Pb nuclei probed by quadrupole moment measurements

2007IO04 M.Iodice, E.Cisbani, R.De Leo, S.Frullani, F.Garibaldi, D.L.Groep, W.H.A.Hesselink, E.Jans, L.Lapikas, C.J.G.Onderwater, R.Perrino, J.Ryckebusch, R.Starink, G.M.Urciuoli - Phys.Lett. B 653, 392 (2007)
^{16}O(e, e'p) reaction at large missing energy

2007JA11 M.Janek, T.Saito, V.P.Ladygin, T.Uesaka, M.Hatano, A.Yu.Isupov, H.Kato, N.B.Ladygina, Y.Maeda, A.I.Malakhov, J.Nishikawa, T.Ohnishi, H.Okamura, S.G.Reznikov, H.Sakai, S.Sakoda, N.Sakamoto, Y.Satou, K.Sekiguchi, K.Suda, A.Tamii, N.Uchigashima, T.A.Vasiliev, K.Yako - Eur.Phys.J. A 33, 39 (2007)
Analyzing powers A_{yy}, A_{xx}, A_{xz} and A_y in the dd $\rightarrow$ ^{3}Hen reaction at 270 MeV

2007JE07 H.B.Jeppesen, J.Byskov-Nielsen, P.Wright, J.G.Correia, L.M.Fraile, H.O.U.Fynbo, K.Johnston, K.Riisager - Eur.Phys.J. A 32, 31 (2007)
Alpha-decay half-life of ^{221}Fr in different environments

2007JE08 D.G.Jenkins, B.R.Fulton, P.Marley, S.P.Fox, R.Glover, R.Wadsworth, D.L.Watson, S.Courtin, F.Haas, D.Lebhertz, C.Beck, P.Papka, M.Rousseau, A.Sanchez i Zafra, D.A.Hutcheon, C.Davis, D.Ottewell, M.M.Pavan, J.Pearson, C.Ruiz, G.Ruprecht, J.Slater, M.Trinczek, J.D'Auria, C.J.Lister, P.Chowdhury, C.Andreoiu, J.J.Valiente-Dobon, S.Moon - Phys.Rev. C 76, 044310 (2007)
Decay strength distributions in ^{12}C(^{12}C, γ) radiative capture

2007JO13 G.A.Jones, P.H.Regan, P.M.Walker, Zs.Podolyak, P.D.Stevenson, M.P.Carpenter, J.J.Carroll, R.S.Chakrawarthy, P.Chowdhury, A.B.Garnsworthy, R.V.F.Janssens, T.L.Khoo, F.G.Kondev, G.J.Lane, Z.Liu, D.Seweryniak, N.J.Thompson, S.Zhu, S.J.Williams - Phys.Rev. C 76, 047303 (2007)
Identification of a high-spin isomer in ^{99}Mo

2007JU05 A.Jungclaus, L.Caceres, M.Gorska, M.Pfutzner, S.Pietri, E.Werner-Malento, H.Grawe, K.Langanke, G.Martinez-Pinedo, F.Nowacki, A.Poves, J.J.Cuenca-Garcia, D.Rudolph, Z.Podolyak, P.H.Regan, P.Detistov, S.Lalkovski, V.Modamio, J.Walker, P.Bednarczyk, P.Doornenbal, H.Geissel, J.Gerl, J.Grebosz, I.Kojouharov, N.Kurz, W.Prokopowicz, H.Schaffner, H.J.Wollersheim, K.Andgren, J.Benlliure, G.Benzoni, A.M.Bruce, E.Casarejos, B.Cederwall, F.C.L.Crespi, B.Hadinia, M.Hellstrom, R.Hoischen, G.Ilie, J.Jolie, A.Khaplanov, M.Kmiecik, R.Kumar, A.Maj, S.Mandal, F.Montes, S.Myalski, G.S.Simpson, S.J.Steer, S.Tashenov, O.Wieland - Phys.Rev.Lett. 99, 132501 (2007)
Observation of Isomeric Decays in the r-Process Waiting-Point Nucleus ^{130}Cd$_{82}$

2007KE09 A.Kellerbauer, G.Audi, D.Beck, K.Blaum, G.Bollen, C.Guenaut, F.Herfurth, A.Herlert, H.-J.Kluge, D.Lunney, S.Schwarz, L.Schweikhard, C.Weber, C.Yazidjian - Phys.Rev. C 76, 045504 (2007)

High-precision masses of neutron-deficient rubidium isotopes using a Penning trap mass spectrometer

2007KL05 A.Klimkiewicz, P.Adrich, K.Boretzky, M.Fallot, T.Aumann, D.Cortina-Gil, U.Datta Pramanik, Th.W.Elze, H.Emling, H.Geissel, M.Hellstroem, K.L.Jones, J.V.Kratz, R.Kulessa, Y.Leifels, C.Nociforo, R.Palit, H.Simon, G.Surowka, K.Summerer, S.Typel, W.Walus - Nucl.Phys. A788, 145c (2007)
Dipole response of neutron-rich Sn isotopes

2007KO66 A.Korgul, H.Mach, B.A.Brown, A.Covello, A.Gargano, B.Fogelberg, W.Kurcewicz, E.Werner-Malento, R.Orlandi, M.Sawicka - Eur.Phys.J. A 32, 25 (2007)
On the unusual properties of the 282 keV state in ^{135}Sb

2007KO69 M.Kokkoris, V.Foteinou, G.Provatas, A.Kontos, N.Patronis, C.T.Papadopoulos, R.Vlastou, P.Misaelides, A.Lagoyannis, S.Harissopulos - Nucl.Instrum.Methods Phys.Res. B263, 357 (2007)
A detailed study of the d + ^{10}B system for nuclear reaction analysis - Part A: The ^{10}B(d, p)^{11}B reaction in the energy region $E_{d,lab}$ =900-2000 keV

2007KO70 M.Kokkoris, V.Foteinou, G.Provatas, C.T.Papadopoulos, R.Vlastou, P.Misaelides, A.Lagoyannis, S.Harissopulos - Nucl.Instrum.Methods Phys.Res. B263, 369 (2007)
A detailed study of the d + ^{10}B system for nuclear reaction analysis - Part B: The ^{10}B(d, α_o)^{8}B reaction in the energy region $E_{d,lab}$ = 900-2000 keV

2007KU19 R.Kumar, S.K.Chamoli, I.M.Govil, A.Dhal, R.K.Sinha, L.Chaturvedi, Z.Naik, C.R.Praharaj, S.Muralithar, R.P.Singh, N.Madhavan, P.Sugathan, J.J.Das, R.K.Bhowmik - Phys.Rev. C 76, 034301 (2007)
Shape coexistence and high spin states in ^{52}Cr

2007KU20 W.D.Kulp, J.L.Wood, J.M.Allmond, J.Eimer, D.Furse, K.S.Krane, J.Loats, P.Schmelzenbach, C.J.Stapels, R.-M.Larimer, E.B.Norman, A.Piechaczek - Phys.Rev. C 76, 034319 (2007)
N=90 region: The decays of ^{152}Eu^{m,g} to ^{152}Sm

2007KU23 J.Kurpeta, W.Urban, Ch.Droste, A.Plochocki, S.G.Rohozinski, T.Rzaca-Urban, T.Morek, L.Prochniak, K.Starosta, J.Aysto, H.Penttila, J.L.Durell, A.G.Smith, G.Lhersonneau, I.Ahmad - Eur.Phys.J. A 33, 307 (2007)
Low-spin structure of ^{113}Ru and ^{113}Rh

2007KU25 A.A.Kulko, N.A.Demekhina, R.Kalpakchieva, N.N.Kolesnikov, V.G.Lukashik, Yu.E.Penionzhkevich, D.N.Rassadov, N.K.Skobelev - J.Phys.(London) G34, 2297 (2007)
Isomeric ratios for ^{196,198}Tl and ^{196,198}Au from fusion and transfer in the interaction of ^{6}He with ^{197}Au

2007KW02 Y.K.Kwon, C.S.Lee, S.Kubono - J.Korean Phys.Soc. 51, 1635 (2007)
Elastic Scattering of 120-MeV Alpha Particles by ^{28}Si

2007LA31 A.C.Larsen, M.Guttormsen, R.Chankova, F.Ingebretsen, T.Lonnroth, S.Messelt, J.Rekstad, A.Schiller, S.Siem, N.U.H.Syed, A.Voinov - Phys.Rev. C 76, 044303 (2007)
Nuclear level densities and γ-ray strength functions in ^{44,45}Sc

2007LA33 A.P.Lashko, T.N.Lashko - Ukr.J.Phys. 52, 826 (2007)
Limit values of log-ft for forbidden β-transitions at ^{178}Ta decay

2007LE28 S.Lee, S.L.Tabor, A.Volya, A.Aguilar, P.C.Bender, T.A.Hinners, C.R.Hoffman, M.Perry, V.Tripathi - Phys.Rev. C 76, 034308 (2007)
Electromagnetic transitions in neutron-rich ^{22}F

2007LE29 S.R.Lesher, J.N.Orce, Z.Ammar, C.D.Hannant, M.Merrick, N.Warr, T.B.Brown, N.Boukharouba, C.Fransen, M.Scheck, M.T.McEllistrem, S.W.Yates - Phys.Rev. C 76, 034318 (2007)
Study of 0^+ excitations in ^{158}Gd with the (n, n'γ) reaction

2007LI61 T.Li, U.Garg, Y.Liu, R.Marks, B.K.Nayak, P.V.Madhusudhana Rao, M.Fujiwara, H.Hashimoto, K.Kawase, K.Nakanishi, S.Okumura, M.Yosoi, M.Itoh, M.Ichikawa, R.Matsuo, T.Terazono, M.Uchida, T.Kawabata, H.Akimune, Y.Iwao, T.Murakami, H.Sakaguchi, S.Terashima, Y.Yasuda, J.Zenihiro, M.N.Harakeh - Phys.Rev.Lett. 99, 162503 (2007)
Isotopic Dependence of the Giant Monopole Resonance in the Even-A $^{112-124}$Sn Isotopes and the Asymmetry Term in Nuclear Incompressibility

2007LI62 V.Lima, J.A.Scarpaci, D.Lacroix, Y.Blumenfeld, C.Bourgeois, M.Chabot, Ph.Chomaz, P.Desesquelles, V.Duflot, J.Duprat, M.Fallot, N.Frascaria, S.Grevy, D.Guillemaud-Mueller, P.Roussel-Chomaz, H.Savajols, O.Sorlin - Nucl.Phys. A795, 1 (2007)
Nuclear break-up of ^{11}Be

2007LIZW V.Lima, J.A.Scarpaci, D.Lacroix, Y.Blumenfeld, C.Bourgeois, M.Chabot, Ph.Chomaz, P.Desesquelles, V.Duflot, J.Duprat, M.Fallot, N.Frascaria, S.Grevy, D.Guillemaud-Mueller, P.Roussel-Chomaz, H.Savajols, O.Sorlin - arXiv:0709.3981v1 [nucl-ex] (2007)
Nuclear break-up of ^{11}Be

2007LIZX T.Li, U.Garg, Y.Liu, R.Marks, B.K.Nayak, P.V.Madhusudhana Rao, M.Fujiwara, H.Hashimoto, K.Kawase, K.Nakanishi, S.Okumura, M.Yosoi, M.Itoh, M.Ichikawa, R.Matsuo, T.Terazano, M.Uchida, T.Kawabata, H.Akimune, Y.Iwao, T.Murakami, H.Sakaguchi, S.Terashima, Y.Yasuda, J.Zenihiro, M.N.Harakeh - arXiv:0709.0567v1 [nucl-ex] (2007)
Isotopic dependence of the giant monopole resonance in the even-A Sn isotopes and the asymmetry term in nuclear incompressibility

2007LO11 A.Lopez-Martens, K.Hauschild, A.V.Yeremin, O.Dorvaux, A.V.Belozerov, Ch.Briancon, M.L.Chelnokov, V.I.Chepigin, D.Curien, P.Desesquelles, B.Gall, V.A.Gorshkov, M.Guttormsen, F.Hanappe, A.P.Kabachenko, F.Khalfallah, A.Korichi, A.C.Larsen, O.N.Malyshev, A.Minkova, Yu.Ts.Oganessian, A.G.Popeko, M.Rousseau, N.Rowley, R.N.Sagaidak, S.Sharo, A.V.Shutov, S.Siem, L.Stuttge, A.I.Svirikhin, N.U.H.Syed, Ch.Theisen - Eur.Phys.J. A 32, 245 (2007)
Isomeric states in ^{253}No

2007LOZZ Y.E.Loginov, A.I.Egorov, E.I.Malyutenkov, S.E.Malyutenkova, V.V.Martynov - PNPI-2732 (2007)
The study of the influence of the resonance surrounding (Moessbauer screen) on the observed half-life value of the isomeric state of ^{119m1}Sn (E=23.8 keV, $T_{1/2}$ ≈18 ns)

2007LU13 S.Lunardi, S.M.Lenzi, F.Della Vedova, E.Farnea, A.Gadea, N.Marginean, D.Bazzacco, S.Beghini, P.G.Bizzeti, A.M.Bizzeti-Sona, D.Bucurescu, L.Corradi, A.N.Deacon, G.de Angelis, E.Fioretto, S.J.Freeman, M.Ionescu-Bujor, A.Iordachescu, P.Mason, D.Mengoni, G.Montagnoli, D.R.Napoli, F.Nowacki, R.Orlandi, G.Pollarolo, F.Recchia, F.Scarlassara, J.F.Smith, A.M.Stefanini, S.Szilner, C.A.Ur, J.J.Valiente-Dobon, B.J.Varley - Phys.Rev. C 76, 034303 (2007)
Spectroscopy of neutron-rich Fe isotopes populated in the ^{64}Ni+^{238}U reaction

2007LU14 J.Lubian, T.Correa, B.Paes, J.M.Figueira, D.Abriola, J.O.Fernandez Niello, A.Arazi, O.A.Capurro, E.de Barbara, G.V.Marti, D.Martinez Heinmann, A.E.Negri, A.J.Pacheco, I.Padron, P.R.S.Gomes - Nucl.Phys. A791, 24 (2007)
^{7}Li breakup polarization potential at near barrier energies

2007MA71 Y.Ma, S.Ajimura, K.Aoki, M.Dairaku, Y.Y.Fu, H.Fujioka, T.Fukuda, K.Futatsukawa, K.Hosomi, W.Imoto, M.Kawai, Y.Kakiguchi, S.Kinoshita, T.Koike, N.Maruyama, M.Mimori, S.Minami, Y.Miura, K.Miwa, Y.Miyagi, T.Nagae, D.Nakajima, H.Noumi, K.Shirotori, T.Suzuki, T.Takahashi, T.N.Takahashi, H.Tamura, K.Tanida, N.Terada, A.Toyoda, K.Tsukada, M.Ukai, S.H.Zhou - Eur.Phys.J. A 33, 243 (2007)
γ-ray spectroscopy study of $^{11}_{\Lambda}$B and $^{12}_{\Lambda}$C

2007MA72 T.Maruta, S.Ajimura, K.Aoki, A.Banu, H.Bhang, T.Fukuda, O.Hashimoto, 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 - Eur.Phys.J. A 33, 255 (2007)
Decay asymmetry in non-mesonic weak decay of light Λ-hypernuclei

2007MC06 A.B.McIntosh, S.Hudan, C.J.Metelko, R.T.de Souza, R.J.Charity, L.G.Sobotka, W.G.Lynch, M.B.Tsang - Phys.Rev.Lett. 99, 132701 (2007)
Tidal Effects and the Proximity Decay of Nuclei

2007ME18 D.F.Measday, T.J.Stocki, B.A.Moftah, H.Tam - Phys.Rev. C 76, 035504 (2007)
γ rays from muon capture in ^{27}Al and natural Si

2007MI36 K.Miernik, W.Dominik, Z.Janas, M.Pfutzner, C.R.Bingham, H.Czyrkowski, M.Cwiok, I.G.Darby, R.Dabrowski, T.Ginter, R.Grzywacz, M.Karny, A.Korgul, W.Kusmierz, S.N.Liddick, M.Rajabali, K.Rykaczewski, A.Stolz - Phys.Rev. C 76, 041304 (2007)
First observation of beta-delayed three-proton emission in ^{45}Fe

2007MO29 C.Monrozeau, E.Khan, Y.Blumenfeld, W.Mittig, D.Beaumel, M.Caamano, D.Cortina-Gil, C.E.Demonchy, N.Frascaria, U.Garg, M.Gelin, A.Gillibert, D.Gupta, F.Marechal, A.Obertelli, P.Roussel-Chomaz, J.-A.Scarpaci - Nucl.Phys. A788, 182c (2007)
Measurement of the GMR in the Unstable ^{56}Ni Nucleus using the Active Target Maya

2007MU14 S.Mukhopadhyay, D.Almehed, U.Garg, S.Frauendorf, T.Li, P.V.Madhusudhana Rao, X.Wang, S.S.Ghugre, M.P.Carpenter, S.Gros, A.Hecht, R.V.F.Janssens, F.G.Kondev, T.Lauritsen, D.Seweryniak, S.Zhu - Phys.Rev.Lett. 99, 172501 (2007)
From Chiral Vibration to Static Chirality in ^{135}Nd

2007MU15 I.Mukha, K.Summerer, L.Acosta, M.A.G.Alvarez, E.Casarejos, A.Chatillon, D.Cortina-Gil, J.Espino, A.Fomichev, J.E.Garcia-Ramos, H.Geissel, J.Gomez-Camacho, L.Grigorenko, J.Hoffmann, O.Kiselev, A.Korsheninnikov, N.Kurz, Yu.Litvinov, I.Martel, C.Nociforo, W.Ott, M.Pfutzner, C.Rodriguez-Tajes, E.Roeckl, M.Stanoiu, H.Weick, P.J.Woods - Phys.Rev.Lett. 99, 182501 (2007)
Observation of Two-Proton Radioactivity of ^{19}Mg by Tracking the Decay Products

2007NA22 T.Nakamura - Nucl.Phys. A788, 243c (2007)
Soft E1 excitation of neutron-halo nuclei

2007NE11 N.Nenoff, P.Bringel, A.Burger, S.Chmel, S.Dababneh, M.Heil, H.Hubel, F.Kappeler, A.Neusser-Neffgen, R.Plag - Eur.Phys.J. A 32, 165 (2007)
Indication for hyperdeformed cluster states in ^{233}Th

2007NO13 M.Notani, H.Sakurai, N.Aoi, H.Iwasaki, N.Fukuda, Z.Liu, K.Yoneda, H.Ogawa, T.Teranishi, T.Nakamura, H.Okuno, A.Yoshida, Y.X.Watanabe, S.Momota, N.Inabe, T.Kubo, S.Ito, A.Ozawa, T.Suzuki, I.Tanihata, M.Ishihara - Phys.Rev. C 76, 044605 (2007)
Projectile fragmentation reactions and production of nuclei near the neutron drip line

2007OK05 Y.Oktem, D.L.Balabanski, B.Akkus, C.W.Beausang, M.Bostan, R.B.Cakirli, R.F.Casten, M.Danchev, M.Djongolov, M.N.Erduran, S.Erturk, K.A.Gladniski, G.Gurdal, J.Tm.Goon, D.J.Hartley, A.A.Hecht, R.Krucken, N.Nikolov, J.R.Novak, G.Rainovski, L.L.Riedinger, I.Yigitoglu, N.V.Zamfir, O.Zeidan - Phys.Rev. C 76, 044315 (2007)
High-spin states in ^{191,193}Au and ^{192}Pt: Evidence for oblate deformation and triaxial shapes

2007OT04 H.Otsu, T.Kobayashi, Y.Matsuda, M.Kitayama, K.Inafuku, A.Ozawa, Y.Satou, T.Suda, K.Yoshida, H.Sakaguchi - Nucl.Phys. A788, 266c (2007)
Measurement of the H(^{38}S, p') reaction at forward angles including 0 degree

2007OZ04 B.Ozel, J.Enders, P.von Neumann-Cosel, I.Poltoratska, A.Richter, D.Savran, S.Volz, A.Zilges - Nucl.Phys. A788, 385c (2007)
Systematics of the pygmy dipole resonance in stable tin isotopes from resonant photon scattering

2007PA34 E.S.Paul, A.J.Boston, C.J.Chiara, M.Devlin, D.B.Fossan, S.J.Freeman, D.R.LaFosse, G.J.Lane, M.J.Leddy, I.Y.Lee, A.O.Macchiavelli, P.J.Nolan, D.G.Sarantites, J.M.Sears, A.T.Semple, J.F.Smith, K.Starosta - Phys.Rev. C 76, 034322 (2007)
γ-ray spectroscopy of neutron-deficient ^{110}Te. I. Low- and intermediate-spin structures

2007PA35 E.S.Paul, A.O.Evans, A.J.Boston, C.J.Chiara, M.Devlin, D.B.Fossan, S.J.Freeman, D.R.LaFosse, G.J.Lane, M.J.Leddy, I.Y.Lee, A.O.Macchiavelli, P.J.Nolan, D.G.Sarantites, J.M.Sears, A.T.Semple, J.F.Smith, K.Starosta, A.V.Afanasjev, I.Ragnarsson - Phys.Rev. C 76, 034323 (2007)
γ-ray spectroscopy of neutron-deficient ^{110}Te. II. High-spin smooth-terminating structures

2007PA36 J.D.Parker, M.J.Athanas, P.D.Barnes, S.Bart, B.Bassalleck, R.Chrien, G.Diebold, G.B.Franklin, K.Johnston, P.Pile, B.Quinn, F.Rozon, R.Sawafta, R.A.Schumacher, R.Stearns, I.Sukaton, R.Sutter, J.J.Szymanski, V.J.Zeps - Phys.Rev. C 76, 035501 (2007);Pub.note Phys.Rev. C 76, 039902 (2007)
Weak decays of $^{4}_{\Lambda}$He

2007PA39 D.-Y.Pang, Y.-L.Ye, D.-X.Jiang, T.Zheng, Z.-H.Li, X.-Q.Li, Y.-C.Ge, H.Hua, C.-E.Wu, J.-L.Lou, F.Lu, F.-Y.Fan, A.Ozawa, Y.Yamaguchi, R.Kanungo, D.Fang, I.Tanihata - Chin.Phys.Lett. 24, 2785 (2007)
Single-Proton Pickup Reaction of the Halo Nucleus ^{6}He on a ^{9}Be Target at 25 MeV / nucleon

2007PE27 A.Perez Galvan, Y.Zhao, L.A.Orozco, E.Gomez, A.D.Lange, F.Baumer, G.D.Sprouse - Phys.Lett. B 655, 114 (2007)
Comparison of hyperfine anomalies in the $5S_{1/2}$ and $6S_{1/2}$ levels of ^{85}Rb and ^{87}Rb

2007PE28 P.Petkov, J.Jolie, S.Heinze, S.E.Drissi, M.Dorthe, J.Groger, J.L.Schenker - Nucl.Phys. A796, 1 (2007)
Nanosecond lifetimes and electromagnetic transition strengths in ^{196}Au

2007PI13 N.Pietralla, G.Rainovski, T.Ahn, A.Costin - Nucl.Phys. A788, 85c (2007)
Isovector Quadrupole Excitations in the Valence Shell studied in Projectile Coulomb Excitation

2007RA20 I.Ray, M.R.Basu, R.Kshetri, M.S.Sarkar, S.Sarkar, P.Banerjee, S.Chattopadhyay, C.C.Dey, A.Goswami, J.M.Chatterjee, A.Mukherjee, S.Bhattacharya, B.Dasmahapatra, P.Datta, H.C.Jain, R.K.Bhowmik, S.Muralithar, R.P.Singh - Phys.Rev. C 76, 034315 (2007)
Indication of the onset of collectivity in ^{30}P

2007RA21 R.Raut, S.Bhowal, S.Ganguly, R.Kshetri, P.Banerjee, S.Bhattacharya, R.K.Bhowmik, B.Dasmahapatra, G.Gangopadhyay, A.Mukherjee, S.Muralithar, M.SahaSarkar, R.P.Singh, A.Goswami - Nucl.Phys. A794, 1 (2007)
Study of yrast band in ^{155}Tm

2007RA22 F.Raiola, T.Spillane, B.Limata, B.Wang, S.Yan, M.Aliotta, H.W.Becker, J.Cruz, M.Fonseca, L.Gialanella, A.P.Jesus, K.U.Kettner, R.Kunze, H.Luis, J.P.Ribeiro, C.Rolfs, M.Romano, D.Schurmann, F.Strieder - Eur.Phys.J. A 32, 51 (2007)
First hint on a change of the ^{210}Po alpha-decay half-life in the metal Cu

2007RA23 S.Rahaman, U.Hager, V.-V.Elomaa, T.Eronen, J.Hakala, A.Jokinen, A.Kankainen, P.Karvonen, I.D.Moore, H.Penttila, S.Rinta-Antila, J.Rissanen, A.Saastamoinen, T.Sonoda, J.Aysto - Eur.Phys.J. A 32, 87 (2007)
Precise atomic masses of neutron-rich Br and Rb nuclei close to the r-process path

2007RA27 S.Rahaman, J.Hakala, V.-V.Elomaa, T.Eronen, U.Hager, A.Jokinen, A.Kankainen, I.D.Moore, H.Penttila, S.Rinta-Antila, J.Rissanen, A.Saastamoinen, C.Weber, J.Aysto - Eur.Phys.J. A 34, 5 (2007)
Masses of neutron-rich Ni and Cu isotopes and the shell closure at Z = 28, N = 40

2007RI15 D.Ridikas, A.Barzakh, V.Blideanu, J.C.David, D.Dore, D.Fedorov, X.Ledoux, F.Moroz, V.Panteleev, R.Plukiene, A.Plukis, A.Prevost, O.Shcherbakov, A.Vorobyev - Eur.Phys.J. A 32, 1 (2007)
Measurement of delayed neutron yields and time spectra from 1 GeV protons interacting with thick ^{nat}Pb targets

2007RO24 G.Ron, for the Jefferson Lab Hall A Collaboration - Phys.Rev.Lett. 99, 202002 (2007)
Measurements of the Proton Elastic-Form-Factor Ratio G_E^p / F_M^p at Low Momentum Transfer

2007RU13 A.T.Rudchik, V.O.Romanyshyn, E.I.Koshchy, A.Budzanowski, K.W.Kemper, K.Rusek, V.D.Chesnokova, J.Choinski, B.Czech, L.Glowacka, S.Kliczewski, V.M.Kyryanchuk, S.Yu.Mezhevych, A.V.Mokhnach, O.A.Momotyuk, O.A.Ponkratenko, R.Siudak, I.Skwirczynska, A.Szczurek - Eur.Phys.J. A 33, 317 (2007)
Isotopic effects in the ^{7}Li + ^{10,11}B elastic and inelastic scattering

2007RZ03 T.Rzaca-Urban, W.Urban, M.S.Sarkar, S.Sarkar, J.L.Durell, A.G.Smith, B.J.Varley, I.Ahmad - Eur.Phys.J. A 32, 5 (2007)
First observation of medium-spin excitations in the ^{138}Cs nucleus

2007SA47 M.Sasano, H.Sakai, K.Yako, H.Kuboki, K.Miki, S.Noji, T.Wakasa, M.Dozono, K.Sekiguchi, T.Uesaka, T.Kawabata, Y.Maeda, S.Sakaguchi, Y.Sasamoto, K.Suda, K.Itoh, K.Hatanaka, H.Okamura, A.Tamii, K.Muto, D.Frekers, M.B.Greenfield - Nucl.Phys. A788, 76c (2007)
Determination of the Gamow-Teller transition strength to ^{116}In(g.s.) by the ^{116}Cd(p, n) reaction at 300 MeV for the study of the nuclear matrix element of the two-neutrino double beta decay

2007SA48 D.Savran, M.Babilon, A.M.van den Berg, M.N.Harakeh, J.Hasper, H.J.Wortche, A.Zilges - Nucl.Phys. A788, 165c (2007)
Investigation of the Pygmy Dipole Resonance in (α, α'γ) coincidence experiments

2007SC36 R.Schwengner, G.Rusev, N.Benouaret, R.Beyer, M.Erhard, E.Grosse, A.R.Junghans, J.Klug, K.Kosev, L.Kostov, C.Nair, N.Nankov, K.D.Schilling, A.Wagner - Phys.Rev. C 76, 034321 (2007)
Dipole response of ^{88}Sr up to the neutron-separation energy

2007SC39 R.Schwengner, N.Benouaret, R.Beyer, F.Donau, M.Erhard, S.Frauendorf, E.Grosse, A.R.Junghans, J.Klug, K.Kosev, C.Nair, N.Nankov, G.Rusev, K.D.Schilling, A.Wagner - Nucl.Phys. A788, 331c (2007)
Dipole-strength distributions up to the particle-separation energies and photodissociation of Mo isotopes

2007SCZX J.P.Schiffer - Priv.Comm. (2007)
Data details for the Neutron Transfer Reactions (d, p), (p, d), (α, ^{3}He) and (^{3}He, α) on targets of ^{74}Ge, ^{76}Ge, ^{76}Se, and ^{78}Se

2007SH34 S.Shimoura, S.Ota, K.Demichi, N.Aoi, H.Baba, Z.Elekes, T.Fukuchi, T.Gomi, K.Hasegawa, E.Ideguchi, M.Ishihara, N.Iwasa, H.Iwasaki, S.Kanno, S.Kubono, K.Kurita, M.Kurokawa, Y.U.Matsuyama, S.Michimasa, K.Miller, T.Minemura, T.Motobayashi, T.Murakami, M.Notani, A.Odahara, A.Saito, H.Sakurai, E.Takeshita, S.Takeuchi, M.Tamaki, T.Teranishi, K.Yamada, Y.Yanagisawa, I.Hamamoto - Phys.Lett. B 654, 87 (2007)
Lifetime of the isomeric 0_2^+ state in ^{12}Be

2007SH35 S.Shen, K.Fang, J.Gu, Q.Liu, F.Xu - Eur.Phys.J. A 32, 149 (2007)
Decay of 1.643 h ^{95}Ru and its daughter's level structure

2007SH39 Y.Shimizu, K.Hatanaka, Y.Tameshige, T.Adachi, K.Fujita, H.Matsubara, H.Okamura, A.Tamii, A.P.Kobushkin, T.Kawabata, Y.Sasamoto, K.Suda, T.Uesaka, K.Itoh, Y.Sakemi, T.Wakui, M.Uchida, T.Kudoh, K.Sagara, T.Wakasa, H.P.Yoshida, Y.Shimbara, E.A.Strokovsky, S.Ishikawa, M.Tanifuji - Phys.Rev. C 76, 044003 (2007)
Spin correlation parameter C_{yy} of p+^{3}He elastic backward scattering

2007SH42 T.Shizuma, T.Ishii, H.Makii, T.Hayakawa, S.Shigematsu, M.Matsuda, E.Ideguchi, Y.Zheng, M.Liu, T.Morikawa - Eur.Phys.J. A 34, 1 (2007)
Evidence for a $K^\pi = 1 / 2^+$ isomer in neutron-rich ^{185}Ta

2007SI24 H.Simon, M.Meister, T.Aumann, M.J.G.Borge, L.V.Chulkov, U.Datta Pramanik, Th.W.Elze, H.Emling, C.Forssen, H.Geissel, M.Hellstrom, B.Jonson, J.V.Kratz, R.Kulessa, Y.Leifels, K.Markenroth, G.Munzenberg, F.Nickel, T.Nilsson, G.Nyman, A.Richter, K.Riisager, C.Scheidenberger, G.Schrieder, O.Tengblad, M.V.Zhukov - Nucl.Phys. A791, 267 (2007)
Systematic investigation of the drip-line nuclei ^{11}Li and ^{14}Be and their unbound subsystems ^{10}Li and ^{13}Be

2007SI27 G.S.Simpson, J.C.Angelique, J.Genevey, J.A.Pinston, A.Covello, A.Gargano, U.Koster, R.Orlandi, A.Scherillo - Phys.Rev. C 76, 041303 (2007)
New information on excited states below the μs isomer in ^{136}Sb

2007SI28 H.Singh, A.Kumar, B.R.Behera, I.M.Govil, K.S.Golda, P.Kumar, A.Jhingan, R.P.Singh, P.Sugathan, M.B.Chatterjee, S.K.Datta, Ranjeet, S.Pal, G.Viesti - Phys.Rev. C 76, 044610 (2007)
Entrance channel effects in fission of ^{197}Tl

2007SI30 P.P.Singh, M.K.Sharma, Unnati, D.P.Singh, R.Kumar, K.S.Golda, B.P.Singh, R.Prasad - Eur.Phys.J. A 34, 29 (2007)
Observation of complete- and incomplete-fusion components in ^{159}Tb, ^{169}Tm(^{16}O, x) reactions: Measurement and analysis of forward recoil ranges at E / A $\sim$ 5-6 MeV

2007ST24 A.E.Stuchbery, A.Nakamura, A.N.Wilson, P.M.Davidson, H.Watanabe, A.I.Levon - Phys.Rev. C 76, 034306 (2007)
Relative g-factor measurements in the stable Te isotopes

2007SU18 N.C.Summers, S.D.Pain, N.A.Orr, W.N.Catford, J.C.Angelique, N.I.Ashwood, V.Bouchat, N.M.Clarke, N.Curtis, M.Freer, B.R.Fulton, F.Hanappe, M.Labiche, J.L.Lecouey, R.C.Lemmon, D.Mahboub, A.Ninane, G.Normand, F.M.Nunes, N.Soic, L.Stuttge, C.N.Timis, I.J.Thompson, J.S.Winfield, V.Ziman - Phys.Lett. B 650, 124 (2007)
B(E1) strengths from Coulomb excitation of ^{11}Be

2007SU19 B.Sulignano, S.Heinz, F.P.Hessberger, S.Hofmann, D.Ackermann, S.Antalic, B.Kindler, I.Kojouharov, P.Kuusiniemi, B.Lommel, R.Mann, K.Nishio, A.G.Popeko, S.Saro, B.Streicher, M.Venhart, A.V.Yeremin - Eur.Phys.J. A 33, 327 (2007)
Identification of a K isomer in ^{252}No

2007SU20 T.Sugimoto, T.Nakamura, Y.Kondo, N.Aoi, H.Baba, D.Bazin, N.Fukuda, T.Gomi, H.Hasegawa, N.Imai, M.Ishihara, T.Kobayashi, T.Kubo, M.Miura, T.Motobayashi, H.Otsu, A.Saito, H.Sakurai, S.Shimoura, A.M.Vinodkumar, K.Watanabe, Y.X.Watanabe, T.Yakushiji, Y.Yanagisawa, K.Yoneda - Phys.Lett. B 654, 160 (2007)
The first 2^+ state of ^{14}Be

2007SU23 M.Sumihama, J.K.Ahn, H.Akimune, Y.Asano, W.C.Chang, S.Date, H.Ejiri, H.Fujimura, M.Fujiwara, K.Hicks, T.Hotta, K.Imai, T.Ishikawa, T.Iwata, H.Kawai, Z.Y.Kim, K.Kino, H.Kohri, N.Kumagai, S.Makino, T.Matsumura, N.Matsuoka, T.Mibe, M.Miyabe, Y.Miyachi, M.Morita, N.Muramatsu, T.Nakano, M.Niiyama, M.Nomachi, Y.Ohashi, H.Ohkuma, T.Ooba, D.S.Oshuev, C.Rangacharyulu, A.Sakaguchi, T.Sato, P.M.Shagin, Y.Shiino, H.Shimizu, Y.Sugaya, H.Toyokawa, A.Wakai, C.W.Wang, S.C.Wang, K.Yonehara, T.Yorita, M.Yosoi, R.G.T.Zegers - Phys.Lett. B 657, 32 (2007)
Backward-angle photoproduction of π^0 mesons on the proton at Eγ = 1.5-2.4 GeV

2007SUZY T.Sugimoto, T.Nakamura, Y.Kondo, N.Aoi, H.Baba, D.Bazin, N.Fukuda, T.Gomi, H.Hasegawa, N.Imai, M.Ishihara, T.Kobayashi, T.Kubo, M.Miura, T.Motobayashi, H.Otsu, A.Saito, H.Sakurai, S.Shimoura, A.M.Vinodkumar, K.Watanabe, Y.X.Watanabe, T.Yakushiji, Y.Yanagisawa, K.Yoneda - RIKEN-NC-NP-12 (2007)
The first 2^+ state of ^{14}Be

2007TA27 A.Tamii, T.Adachi, J.Carter, M.Dozono, H.Fujita, Y.Fujita, K.Hatanaka, H.Hashimoto, T.Kaneda, M.Itoh, T.Kawabata, H.Matsubara, K.Nakanishi, P.von Neumann-Cosel, H.Okamura, A.Perez, I.Poltoratska, V.Ponomarev, L.Popescu, A.Richter, B.Rubio, H.Sakaguchi, Y.Sakemi, Y.Sasamoto, Y.Shimbara, Y.Shimizu, F.D.Smit, Y.Tameshige, M.Yosoi, J.Zenihiro, K.Zimmer - Nucl.Phys. A788, 53c (2007)
Study of M1 excitations by high-resolution proton inelastic scattering experiment at forward angles

2007TA28 F.Tarkanyi, A.Hermanne, S.Takacs, K.Hilgers, S.F.Kovalev, A.V.Ignatyuk, S.M.Qaim - Appl.Radiat.Isot. 65, 1215 (2007)
Study of the ^{192}Os(d, 2n) reaction for production of the therapeutic radionuclide ^{192}Ir in no-carrier added form

2007TA30 F.Tarkanyi, A.Hermanne, S.Takacs, F.Ditroi, F.Kovalev, A.V.Ignatyuk - Nucl.Instrum.Methods Phys.Res. B264, 389 (2007)
New measurement and evaluation of the excitation function of the ^{186}W(p, n) nuclear reaction for production of the therapeutic radioisotope ^{186}Re

2007TE09 T.Teranishi, S.Kubono, H.Yamaguchi, J.J.He, A.Saito, H.Fujikawa, G.Amadio, M.Niikura, S.Shimoura, Y.Wakabayashi, S.Nishimura, M.Nishimura, J.Y.Moon, C.S.Lee, A.Odahara, D.Sohler, L.H.Khiem, Z.H.Li, G.Lian, W.P.Liu - Phys.Lett. B 650, 129 (2007)
Single-particle resonance levels in ^{14}O examined by ^{13}N + p elastic resonance scattering

2007TH15 J.S.Thomas, G.Arbanas, D.W.Bardayan, J.C.Blackmon, J.A.Cizewski, D.J.Dean, 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 - Phys.Rev. C 76, 044302 (2007)
Single-neutron excitations in neutron-rich ^{83}Ge and ^{85}Se

2007TO21 D.Tonev, G.de Angelis, S.Brant, S.Frauendorf, P.Petkov, A.Dewald, F.Donau, D.L.Balabanski, Q.Zhong, P.Pejovic, D.Bazzacco, P.Bednarczyk, F.Camera, D.Curien, F.Della Vedova, A.Fitzler, A.Gadea, G.Lo Bianco, S.Lenzi, S.Lunardi, N.Marginean, O.Moller, D.R.Napoli, R.Orlandi, E.Sahin, A.Saltarelli, J.Valiente-Dobon, K.O.Zell, Jing-ye Zhang, Y.H.Zhang - Phys.Rev. C 76, 044313 (2007)
Question of dynamic chirality in nuclei: The case of ^{134}Pr

2007TR10 Tran Duc Thiep, Truong Thi An, Nguyen The Vinh, Phan Viet Cuong, A.G.Belov, O.D.Maslov, Trinh Thi Thu My - Phys.Part. and Nucl.Lett. 4, 397 (2007)
Study on the Isomeric Ratios of (γ, p) Photonuclear Reactions with Isotopes $^{92}_{40}$Zr and $^{183}_{74}$W in the Giant Dipole Resonance Region

2007TS10 V.G.Tsinoev, A.V.Tsvyashchenko, A.E.Ugrovatov, S.N.Vostrikov - Phys.Rev. C 76, 045503 (2007)
Mossbauer test of T invariance in ^{171}Yb

2007TU08 F.Tuo, T.Ji, J.Luo, X.Kong, R.Liu, J.Li - Nucl.Instrum.Methods Phys.Res. B264, 235 (2007)
Cross Section measurements for ^{75}As isotope at neutron energies from 13.5 to 14.8 MeV

2007UK01 M.Ukai, S.Ajimura, H.Akikawa, D.E.Alburger, A.Banu, R.E.Chrien, G.B.Franklin, J.Franz, O.Hashimoto, T.Hayakawa, H.Hotchi, K.Imai, T.Kishimoto, M.May, D.J.Millener, S.Minami, Y.Miura, T.Miyoshi, K.Mizunuma, T.Nagae, S.N.Nakamura, K.Nakazawa, Y.Okayasu, P.Pile, B.P.Quinn, A.Rusek, Y.Sato, R.Sutter, H.Takahashi, L.Tang, H.Tamura, K.Tanida, L.Yuan, S.H.Zhou - Eur.Phys.J. A 33, 247 (2007)
Observation of the 7 MeV excited spin-flip and non-spin-flip partners in $^{16}_{\Lambda}$O by γ-ray spectroscopy

2007UR03 W.Urban, T.Rzaca-Urban, A.Syntfeld-Kazuch, J.L.Durell, A.G.Smith, B.J.Varley, I.Ahmad - Phys.Rev. C 76, 037301 (2007)
Near-yrast structure of the ^{149}La nucleus

2007VA20 J.Van de Walle, F.Aksouh, F.Ames, T.Behrens, V.Bildstein, A.Blazhev, J.Cederkall, E.Clement, T.E.Cocolios, T.Davinson, P.Delahaye, J.Eberth, A.Ekstrom, D.V.Fedorov, V.N.Fedosseev, L.M.Fraile, S.Franchoo, R.Gernhauser, G.Georgiev, D.Habs, K.Heyde, G.Huber, M.Huyse, F.Ibrahim, O.Ivanov, J.Iwanicki, J.Jolie, O.Kester, U.Koster, T.Kroll, R.Krucken, M.Lauer, A.F.Lisetskiy, R.Lutter, B.A.Marsh, P.Mayet, O.Niedermaier, T.Nilsson, M.Pantea, O.Perru, R.Raabe, P.Reiter, M.Sawicka, H.Scheit, G.Schrieder, D.Schwalm, M.D.Seliverstov, T.Sieber, G.Sletten, N.Smirnova, M.Stanoiu, I.Stefanescu, J.-C.Thomas, J.J.Valiente-Dobon, P.Van Duppen, D.Verney, D.Voulot, N.Warr, D.Weisshaar, F.Wenander, B.H.Wolf, M.Zielinska - Phys.Rev.Lett. 99, 142501 (2007)
Coulomb Excitation of Neutron-Rich Zn Isotopes: First Observation of the 2^+_1 State in ^{80}Zn

2007VA22 C.Vaman, C.Andreoiu, D.Bazin, A.Becerril, B.A.Brown, C.M.Campbell, A.Chester, J.M.Cook, D.C.Dinca, A.Gade, D.Galaviz, T.Glasmacher, M.Hjorth-Jensen, M.Horoi, D.Miller, V.Moeller, W.F.Mueller, A.Schiller, K.Starosta, A.Stolz, J.R.Terry, A.Volya, V.Zelevinsky, H.Zwahlen - Phys.Rev.Lett. 99, 162501 (2007)
Z=50 Shell Gap near ^{100}Sn from Intermediate-Energy Coulomb Excitations in Even-Mass $^{106-112}$Sn Isotopes

2007VO06 C.Vockenhuber, C.O.Ouellet, L.-S.The, L.Buchmann, J.Caggiano, A.A.Chen, H.Crawford, J.M.D'Auria, B.Davids, L.Fogarty, D.Frekers, A.Hussein, D.A.Hutcheon, W.Kutschera, A.M.Laird, R.Lewis, E.O'Connor, D.Ottewell, M.Paul, M.M.Pavan, J.Pearson, C.Ruiz, G.Ruprecht, M.Trinczek, B.Wales, A.Wallner - Phys.Rev. C 76, 035801 (2007)
Measurement of the ^{40}Ca(α, γ)^{44}Ti reaction relevant for supernova nucleosynthesis

2007VO08 A.V.Voinov, S.M.Grimes, C.R.Brune, M.J.Hornish, T.N.Massey, A.Salas - Phys.Rev. C 76, 044602 (2007)
Test of nuclear level density inputs for Hauser-Feshbach model calculations

2007WA37 T.S.Wang, Z.Yang, H.Yunemura, A.Nakagawa, H.Y.Lv, J.Y.Chen, S.J.Liu, J.Kasagi - J.Phys.(London) G34, 2255 (2007)
The screening effect of D-D fusion in Sm in a sub-low energy region ($\leq$ 20 keV)

2007WA38 T.-S.Wang, Z.Yang, H.Yunemura, A.Nakagawa, H.-Y.Lv, J.-Y.Chen, S.-J.Liu, J.Kasagi - Chin.Phys.Lett. 24, 3103 (2007)
Measurement of D(d, p)T Reaction Cross Sections in Sm Metal in Low Energy Region ($10 \leq E_d \leq 20$ keV)

2007WA40 T.Wakasa, M.Dozono, E.Ihara, S.Asaji, K.Fujita, K.Hatanaka, M.Ichimura, T.Ishida, T.Kaneda, H.Matsubara, Y.Nagasue, T.Noro, Y.Sakemi, Y.Shimizu, H.Takeda, Y.Tameshige, A.Tamii, Y.Yamada - Phys.Lett. B 656, 38 (2007)
Study of nuclear correlation effects via ^{12}C(p(pol), n(pol))^{12}N(g.s., 1^+) at 296 MeV

2007WO06 H.J.Wortche - Nucl.Phys. A788, 27c (2007)
On the Structure of Electric-Dipole Transitions

2007WO08 A.Wolf, Z.Berant, A.Heinz, V.Werner, E.A.McCutchan, G.Gurdal, R.B.Cakirli, Y.Oktem, J.Ai, L.Amon, C.W.Beausang, D.S.Brenner, R.F.Casten, R.J.Casperson, K.Dusling, C.R.Fitzpatrick, A.B.Gransworthy, N.Pietralla, J.Qian, P.H.Regan, N.J.Thompson, E.Williams, R.Winkler - Phys.Rev. C 76, 047308 (2007)
g factor of the 2_1^+ state of ^{170}Hf

2007YO06 D.T.Yordanov, M.Kowalska, K.Blaum, M.De Rydt, K.T.Flanagan, P.Lievens, R.Neugart, G.Neyens, H.H.Stroke - Phys.Rev.Lett. 99, 212501 (2007)
Spin and Magnetic Moment of ^{33}Mg: Evidence for a Negative-Parity Intruder Ground State

2007YU02 H.Yucel, M.G.Budak, M.Karadag - Phys.Rev. C 76, 034610 (2007)
Measurement of thermal neutron cross section and resonance integral for the ^{170}Er(n, γ)^{171}Er reaction by using a ^{55}Mn monitor

2007ZE04 R.G.T.Zegers - Nucl.Phys. A788, 61c (2007)
The (t, ^{3}He) and (^{3}He, t) reactions as complementary probes of the spin-isospin response of nuclei

2007ZE06 R.G.Zegers, T.Adachi, H.Akimune, S.M.Austin, A.M.van den Berg, B.A.Brown, Y.Fujita, M.Fujiwara, S.Gales, C.J.Guess, M.N.Harakeh, H.Hashimoto, K.Hatanaka, R.Hayami, G.W.Hitt, M.E.Howard, M.Itoh, T.Kawabata, K.Kawase, M.Kinoshita, M.Matsubara, K.Nakanishi, S.Nakayama, S.Okumura, T.Ohta, Y.Sakemi, Y.Shimbara, Y.Shimizu, C.Scholl, C.Simenel, Y.Tameshige, A.Tamii, M.Uchida, T.Yamagata, M.Yosoi - Phys.Rev.Lett. 99, 202501 (2007)
Extraction of Weak Transition Strengths via the (^{3}He, t) Reaction at 420 MeV

2007ZH37 S.Zhu, R.V.F.Janssens, B.Fornal, S.J.Freeman, M.Honma, R.Broda, M.P.Carpenter, A.N.Deacon, B.P.Kay, F.G.Kondev, W.Krolas, J.Kozemczak, A.Larabee, T.Lauritsen, S.N.Liddick, C.J.Lister, P.F.Mantica, T.Otsuka, T.Pawlat, A.Robinson, D.Seweryniak, J.F.Smith, D.Steppenbeck, B.E.Tomlin, J.Wrzesinski, X.Wang - Phys.Lett. B 650, 135 (2007)
One-particle excitations outside the ^{54}Ti semi-magic core: The ^{55}V and ^{55}Ti yrast structures

2007ZH42 P.Zhu, Z.Yuan, J.Chen, Z.Liu, G.Zhang, Z.Shi, H.Lu - Appl.Radiat.Isot. 65, 1314 (2007)
Measurement of neutron capture cross sections for ^{141}Pr from 0.5 to 1.6 MeV

2008CO01 R.Colle, B.E.Zimmerman, P.Cassette, L.Laureano-Perez - Appl.Radiat.Isot. 66, 60 (2008)
^{63}Ni, its half-life and standardization: Revisited