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12 reference(s) found :

Keynumber: 2001GA57

Reference: Bull.Rus.Acad.Sci.Phys. 65, 121 (2001)

Authors: Yu.P.Gangrsky, P.Zuzaan, N.N.Kolesnikov, V.G.Lukashek, A.P.Tonchev

Title: Isomeric Ratios in Crossing ($n\gamma$) and (γn) Reactions

Keyword abstract: NUCLEAR REACTIONS ^{74}Ge , ^{80}Se , ^{84}Sr , ^{108}Pd , ^{114}Cd , 112 , ^{122}Sn , 120 , 126 , ^{128}Te , 130 , ^{132}Ba , 136 , ^{138}Ce , ^{196}Pt , $^{196}\text{Hg}(n,\gamma)$, $E=\text{thermal}$; ^{76}Ge , ^{82}Se , ^{86}Sr , ^{110}Pd , ^{116}Cd , 114 , ^{124}Sn , 122 , 128 , ^{130}Te , 132 , ^{134}Ba , 138 , ^{140}Ce , ^{198}Pt , $^{198}\text{Hg}(\gamma,n)$, $E=25$ MeV bremsstrahlung; measured isomeric cross section ratios. Comparison with statistical model calculations.

Keynumber: 1987LI05

Reference: Chin.J.Nucl.Phys. 9, 21 (1987)

Authors: Liu Zianfeng, Ho Yukun

Title: Non-Statistical Effects in the Radiative Neutron Capture at the 3s Giant Resonance Region

Keyword abstract: NUCLEAR REACTIONS ^{40}Ca , ^{48}Ti , ^{52}Cr , ^{56}Fe , ^{64}Ni , $^{74}\text{Ge}(n,\gamma)$, $E=0.1-3$ MeV; calculated $\sigma(E)$. ^{41}Ca , ^{49}Ti , ^{53}Cr , ^{57}Fe , ^{65}Ni , ^{75}Ge deduced neutron giant resonance strength. Statistical, nonstatistical effects.

Keynumber: 1987KO23

Reference: Z.Phys. A327, 129 (1987)

Authors: L.Koester, K.Knopf, W.Waschkowski

Title: Neutron Interactions with Germanium Isotopes and Amorphous and Crystalline GeO_2

Keyword abstract: NUCLEAR REACTIONS Ge , 70 , 72 , 73 , 74 , $^{76}\text{Ge}(n,n)$, (n,γ) , $E=\text{slow}$; measured coherent scattering lengths, absorption σ , free, zero energy scattering σ ; deduced isotopic, spin-incoherent σ , s-wave resonance contributions to coherent scattering lengths.

Keynumber: 1981AR22

Reference: Yad.Fiz. 34, 1028 (1981)

Authors: L.Ya.Arifov, B.S.Mazitov, V.G.Ulanov

Title: Relative Probability of Isomer Population in Radiative Capture

Keyword abstract: NUCLEAR REACTIONS ^{45}Sc , ^{59}Co , 68 , ^{70}Zn , 74 , ^{76}Ge , 80 , ^{82}Se , ^{84}Kr , ^{85}Rb , ^{84}Sr , ^{89}Y , ^{103}Rh , 108 , ^{110}Pd , ^{109}Ag , ^{114}Cd , 113 , ^{115}In , 112 , 120 , 122 , ^{124}Sn , ^{121}Sb , 120 , 126 , 128 , ^{130}Te , ^{133}Cs , ^{132}Ba , 136 , ^{138}Ce , ^{151}Eu , ^{164}Dy , ^{181}Ta , ^{184}W , ^{187}Re , ^{190}Os , ^{191}Ir , ^{196}Pt , ^{196}Hg (n,γ), $E=\text{thermal}$, $0.2-2.8$ MeV; $^{92}\text{Mo}(p,\gamma)$, $E=1.8-7.4$ MeV; analyzed $\sigma(\text{capture})$ isomer ratio vs E . Statistical theory.

Keynumber: 1979AN22

Reference: Nuovo Cim. 50A, 247 (1979)

Authors: R.P.Anand, M.L.Jhingan, D.Bhattacharya, E.Kondaiah

Title: 25 keV-Neutron Capture Cross-Sections

Keyword abstract: NUCLEAR REACTIONS ^{51}V , ^{63}Cu , ^{71}Ga , ^{74}Ge , ^{75}As , 98 , ^{100}Mo , ^{104}Ru , ^{115}In , ^{116}Cd , 122 , ^{124}Sn , 128 , ^{130}Te , ^{139}La , 140 , ^{142}Ce , ^{165}Ho , 185 , $^{187}\text{Re}(n,\gamma)$, $E=25$ keV; measured σ ; deduced rapid, slow capture processes.

Keynumber: 1972RI12

Reference: Can.J.Phys. 50, 1978 (1972)

Authors: M.D.Ricabarra, R.Turjanski, G.H.Ricabarra

Title: Neutron Activation Resonance Integral of ^{74}Ge and ^{76}Ge and Evaluation of the ^{74}Ge keV Neutron Radiative Capture Cross Section and Resonance Integral

Keyword abstract: NUCLEAR REACTIONS $^{74}, ^{76}\text{Ge}(n,\gamma), E=\text{reactor spectrum}$; measured activation resonance integrals. $^{74}\text{Ge}(n,\gamma), E=\text{keV region}$; evaluated σ , resonance integral.

Keynumber: 1972LA15

Reference: Phys.Rev. C6, 572 (1972)

Authors: A.Lakshmana Rao, J.Rama Rao

Title: Isomer Ratios in (n,γ) Reactions at 25 keV

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Ge}, ^{79}\text{Br}, ^{80}\text{Se}, ^{85}\text{Rb}, ^{103}\text{Rh}, ^{121}\text{Sb}, ^{151}\text{Eu}, ^{164}\text{Dy}$ $(n,\gamma), E=25 \text{ keV}$; measured σ , isomeric ratio.

Keynumber: 1972GR34

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 36, 833 (1972); Bull.Acad.Sci.USSR, Phys.Ser. 36, 753 (1973)

Authors: L.V.Groshev, L.I.Govor, A.M.Demidov

Title: Deexcitation of Even-Odd Germanium Nuclei after Thermal-Neutron Capture

Keyword abstract: NUCLEAR REACTIONS $^{70}, ^{72}, ^{74}, ^{76}\text{Ge}(n,\gamma), E=\text{th}$; measured $E\gamma, I\gamma$; deduced Q. $^{71}, ^{73}, ^{75}, ^{77}\text{Ge}$ deduced levels, J, π .

Keynumber: 1971GRZY

Coden: CONF Moscow(NuclSpectros,Structure) Abstr P49

Keyword abstract: NUCLEAR REACTIONS $^{70}, ^{72}, ^{74}, ^{76}\text{Ge}(n,\gamma), E=\text{th}$; measured $E\gamma, I\gamma$; deduced Q. $^{71}, ^{73}, ^{75}, ^{77}\text{Ge}$ deduced levels.

Keynumber: 1970RAZU

Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P19

Keyword abstract: NUCLEAR REACTIONS $^{74}\text{Ge}, ^{85}\text{Rb}, ^{110}\text{Pd}, ^{116}\text{Cd}, ^{121}\text{Sb}, ^{124}\text{Sn}, ^{151}\text{Eu}, ^{196}\text{Pt}$ $(n,\gamma), E=25 \text{ keV}$; measured σ , isomeric σ ratios.

Keynumber: 1970DI03

Reference: Acta Phys. 28, 257 (1970)

Authors: M.Diksic, P.Strohal, G.Peto, P.Bornemisza-Pausperl, I.Hunyadi, J.Karolyi

Title: Additional Measurements of the Radiative Capture Cross Sections for 3 MeV Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{63}\text{Cu}, ^{74}\text{Ge}, ^{75}\text{As}, ^{80}\text{Se}, ^{81}\text{Br}, ^{130}\text{Te}, ^{141}\text{Pr}, ^{186}\text{W}, ^{209}\text{Bi}$ $(n,\gamma), E=3 \text{ MeV}$; measured σ . $^{75}\text{Ge}, ^{81}\text{Se}, ^{142}\text{Pr}$ deduced isomeric σ ratios, spin cut-off parameters.

Keynumber: 1970BAYJ

Coden: REPT LIB/Trans-491

Keyword abstract: NUCLEAR REACTIONS $^{70}, ^{72}, ^{74}\text{Ge}(n,\gamma)$; measured $E\gamma, I\gamma$. $^{71}, ^{73}, ^{75}\text{Ge}$ deduced levels.