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5 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: 1989TI03

Reference: Yad.Fiz. 50, 609 (1989)

Authors: V.M.Timokhov, M.V.Bokhovko, A.G.Isakov, L.E.Kazakov, V.N.Kononov, G.N.Manturov, E.D.Poletaev, V.G.Pronyaev

Title: Neutron Capture, Total Cross Sections and Average Resonance Parameters for Tin Isotopes

Keyword abstract: NUCLEAR REACTIONS 112 , 114 , 115 , 116 , 117 , 118 , 119 , 120 , 122 , $^{124}\text{Sn}(n,\gamma)$, $E=20$ - 450 keV; measured capture $\sigma(E)$. 112 , 114 , 115 , 116 , 117 , 118 , 119 , 120 , 122 , $^{124}\text{Sn}(n,X)$, $E=20$ - 1400 keV; measured total $\sigma(E)$; deduced s-,p-wave potential scattering radii, model parameters. 113 , 115 , 116 , 117 , 118 , 119 , 121 , 122 , 123 , ^{125}Sn deduced s-,p-wave, γ -strength functions.

Keynumber: 1985DE52

Reference: J.Radioanal.Nucl.Chem. 92, 183 (1985)

Authors: F.De Corte, L.Moens, A.Simonits, J.Hoste

Title: Critical Evaluation and Experimental Determination of the Nuclear Activation and Decay Parameters for the Reactions: $^{64}\text{Zn}(n,\gamma)^{65}\text{Zn}$, $^{112}\text{Sn}(n,\gamma)^{113\text{m}}\text{Sn}(E.C.)^{113\text{m}}\text{In}$, $^{174}\text{Yb}(n,\gamma)^{175\text{m}}\text{Yb}$

Keyword abstract: NUCLEAR REACTIONS ^{64}Zn , ^{112}Sn , $^{174}\text{Yb}(n,\gamma)$, $E=\text{low}$; analyzed data; deduced σ . Absolute $I\gamma$, isotope abundance from literature evaluation.

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: 1979BRZM

Reference: Bull.Am.Phys.Soc. 24, No.7, 871, CC10 (1979)

Authors: T.Bradley, M.L.Stelts, R.E.Chrien, Z.Parsa

Title: Stellar Nucleosynthesis and the 24-keV Neutron Capture Cross Sections of Some Heavy Nuclei

Keyword abstract: NUCLEAR REACTIONS ^{112}Sn , ^{130}Ba , ^{146}Nd , ^{186}W , 190 , $^{192}\text{Os}(n,\gamma)$, $E=24$ keV; measured σ .
