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6 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 , $^{198}\text{Hg}(\gamma,n)$, $E=25\text{ MeV}$ bremsstrahlung; measured isomeric cross section ratios. Comparison with statistical model calculations.

Keynumber: 1997PA24

Reference: Bull.Rus.Acad.Sci.Phys. 61, 163 (1997)

Authors: I.V.Panov

Title: Radiative Neutron Capture and r-Process

Keyword abstract: NUCLEAR REACTIONS 116 , 118 , 120 , 122 , 124 , ^{119}Sn , 120 , 125 , 126 , 122 , 124 , 128 , $^{130}\text{Te}(n,\gamma)$, $E=30\text{ keV}$; calculated capture σ ; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

Keyword abstract: NUCLEAR STRUCTURE $A=110-140$; $A=140-180$; $A=230-270$; calculated 30 keV neutron capture σ on neutron rich Cd,Pr,U isotopes; deduced r-process associated kinetic models predictions features regarding elements concentration. Fermi gas model.

Keynumber: 1984NEZR

Reference: Proc.Conf.Neutron Physics, Kiev, Vol.3, p.143 (1984)

Authors: K.Nedvedyuk, Yu.P.Popov

Title: Determination of the Average Radiative Neutron Capture from Systematics

Keyword abstract: NUCLEAR REACTIONS 74 , ^{82}Se , ^{82}Kr , ^{84}Sr , 102 , 109 , ^{112}Pd , 104 , 109 , 115 , 117 , ^{118}Cd , 110 , 113 , 114 , 115 , ^{121}Sn , 120 , 127 , 129 , 131 , ^{132}Te , 131 , 132 , ^{133}Ba , 145 , 146 , 151 , ^{156}Sm , 152 , 154 , ^{159}Gd , 156 , 158 , 160 , ^{165}Dy , 166 , 168 , 169 , ^{175}Yb , $^{190}\text{Os}(n,\gamma)$, $E=30\text{ keV}$; analyzed average radiative σ dependence on neutron number,neutron binding energy; deduced σ .

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), $E=\text{thermal}$, $0.2-2.8\text{ MeV}$; $^{92}\text{Mo}(p,\gamma)$, $E=1.8-7.4\text{ MeV}$; analyzed $\sigma(\text{capture})$ isomer ratio vs E. Statistical theory.

Keynumber: 1976JI01

Reference: Radiochem.Radioanal.Lett. 25, 327 (1976)

Authors: M.Jimenez, C.Archundia, S.Bulbulian

Title: Determination of Isomer Cross-Section Ratio for (n,γ) Reaction on ^{120}Te Using a Radiochemical Method

Keyword abstract: NUCLEAR STRUCTURE ^3H ; calculated binding energy. Velocity dependent Green potential, Beker, Volkov, Afnan, Tang potentials.

Keyword abstract: NUCLEAR REACTIONS $^{120}\text{Te}(n,\gamma)$, E =reactor spectrum; measured activation isomer production σ for 121 , $^{121\text{m}}\text{Te}$.

Keynumber: 1972KA31

Reference: Yad.Fiz. 15, 631 (1972); Sov.J.Nucl.Phys. 15, 350 (1972)

Authors: R.A.Kalinauskas, K.V.Makaryunas, R.I.Davidonis

Title: Ratios of the Internal Conversion Coefficients for M4-Transitions in Nuclei Te^{121} , 123 , 125 , 127 , 129

Keyword abstract: RADIOACTIVITY $^{121\text{m}}\text{Te}$, $^{123\text{m}}\text{Te}$, $^{125\text{m}}\text{Te}$, $^{127\text{m}}\text{Te}$, $^{129\text{m}}\text{Te}$; measured I(ce) ratios. 121 , 123 , 125 , 127 , ^{129}Te deduced transitions, ICC.

Keyword abstract: NUCLEAR REACTIONS 120 , 122 , 124 , 126 , $^{128}\text{Te}(n,\gamma)$, E =thermal; measured I(ce) ratios. 121 , 123 , 125 , 127 , ^{129}Te transitions deduced ICC.