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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: [1996KA03](#)

Reference: Phys.Rev. C53, 1397 (1996)

Authors: F.Kappeler, K.A.Toukan, M.Schumann, A.Mengoni

Title: Neutron Capture Cross Sections of the Cerium Isotopes for s- and p-Process Studies

Keyword abstract: NUCLEAR REACTIONS 136 , 140 , 142 , $^{138}\text{Ce}(n,\gamma)$, $E=25$ keV; measured capture σ ; deduced s-process abundances, r-, p-process residuals between ^{140}Ce , ^{146}Nd . Other data input, (n,γ) reaction σ evaluated for several Ce, Pr isotopes.

Keynumber: 1981KOZW

Reference: Priv.Comm. (October 1981)

Authors: B.K.Koene, R.E.Chrien, M.L.Stelts, L.K.Peker

Title:

Keyword abstract: NUCLEAR REACTIONS $^{136}\text{Ce}(n,\gamma)$, $E=\text{thermal, resonance}$; measured $E\gamma$, $I\gamma$. ^{137}Ce deduced levels, J, π .

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: 1977KOZY

Reference: Bull.Am.Phys. 22, No.1, 54, DH8 (1977)

Authors: B.K.S.Koene, R.E.Chrien

Title: Low-Spin States in ^{135}Ba and ^{137}Ce Studied with the (n,γ) Reaction

Keyword abstract: NUCLEAR REACTIONS ^{134}Ba , $^{136}\text{Ce}(n,\gamma)$, $E=\text{th}$, 2, 24 keV; measured $\sigma(E\gamma)$. ^{135}Ba , ^{137}Ce deduced levels.