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18 reference(s) found :

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}Te(n,γ),E=30 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: 1993GO30

Reference: At.Energ. 74, 78 (1993); Sov.At.Energy 74, 77 (1993)

Authors: P.M.Gopych, I.I.Zalyubovsky, P.S.Kizim, V.I.Sorokin, V.V.Sotnikov, E.A.Fomin

Title: Isotope Systematics of (n,γ) Cross Sections for Even Tellurium Isotopes

Keyword abstract: NUCLEAR REACTIONS ^{126, 128, 130}Te(n,γ),E=2.6 MeV; measured capture σ, isomer ratios; deduced isotope systematics. Activation technique.

Keynumber: 1984HO18

Reference: Czech.J.Phys. B34, 520 (1984)

Authors: J.Honzatko, K.Konecny, Z.Kosina, F.Becvar, E.A.Eissa

Title: A Determination of the ¹³⁰Te Thermal Neutron Capture Cross Section

Keyword abstract: NUCLEAR REACTIONS ¹³⁰Te(n,γ),E=reactor; measured partial,total capture σ. ¹³¹Te deduced transitions,absolute I_γ. Tellurium powder target, ²⁷Al, ³⁵Cl standards.

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

Keynumber: 1980HO29

Reference: Czech.J.Phys. 30, 763 (1980)

Authors: J.Honzatko, K.Konecny, F.Becvar, E.A.Eissa

Title: Study of the Reaction ¹³⁰Te(n,γ)¹³¹Te

Keyword abstract: NUCLEAR REACTIONS ¹³⁰Te(n,γ),E=thermal; measured E_γ,I_γ; deduced reaction mechanism. ¹³¹Te deduced transition intensities,spectroscopic factor correlation,S(n).

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: 1977RUZR

Reference: Program and Theses, Proc.27th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Tashkent, p.60 (1977)

Authors: E.A.Rudak, A.V.Soroka, V.N.Tadeush

Title: γ -Spectra from the Reaction (n,γ) in Tellurium Isotopes

Keyword abstract: NUCLEAR REACTIONS 124 , 128 , $^{130}\text{Te}(n,\gamma)$, E not given; measured $E\gamma, I\gamma$. 131 , 129 , ^{125}Te deduced transitions.

Keynumber: 1976SC16

Reference: Nucl.Phys. A264, 105 (1976)

Authors: O.Schwerer, M.Winkler-Rohatsch, H.Warhanek, G.Winkler

Title: Measurement of Cross Sections for 14 MeV Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ^{37}Cl , ^{41}K , ^{50}Ti , ^{51}V , ^{55}Mn , ^{71}Ga , ^{87}Rb , ^{89}Y , ^{127}I , ^{130}Te , ^{138}Ba , ^{139}La , ^{142}Ce , ^{186}W , ^{198}Pt , $^{197}\text{Au}(n,\gamma)$, $E=14.6$ MeV; measured σ . Natural targets.

Keynumber: 1974BE53

Reference: Yad.Fiz. 20, 252 (1974); Sov.J.Nucl.Phys. 20, 133 (1975)

Authors: A.A.Bergman, S.A.Romanov

Title: Study of the Cross Sections for Radiative Capture of Neutrons by Tellurium Isotopes and their Application to the Theory of the Origin of the Elements

Keyword abstract: NUCLEAR REACTIONS 122 , 123 , 124 , 125 , 126 , 128 , $^{130}\text{Te}(n,\gamma)$, $E=0.1-60$ keV; measured $\sigma(E, E\gamma)$.

Keynumber: 1973LAYG

Reference: RCN-191 (1973)

Authors: G.Lautenbach

Title: Calculated Neutron Absorption Cross Sections of 75 Fission Products

Keyword abstract: NUCLEAR REACTIONS ^{81}Br , 83 , 84 , 85 , ^{86}Kr , 85 , ^{87}Rb , 88 , ^{90}Sr , ^{89}Y , 91 , 92 , 93 , 94 , 95 , ^{96}Zr , 95 , 97 , 98 , ^{100}Mo , ^{99}Tc , 101 , 102 , 104 , ^{106}Ru , ^{103}Rh , 105 , 106 , 107 , 108 , ^{110}Pd , ^{109}Ag , 111 , 112 , 113 , ^{114}Cd , ^{115}In , 126 , 128 , ^{130}Te , 127 , ^{129}I , 131 , 132 , 134 , ^{136}Xe , 133 , 135 , ^{137}Cs , ^{138}Ba , ^{139}La , 140 , ^{142}Ce , ^{141}Pr , 143 , 144 , 145 , 146 , 148 , ^{150}Nd , ^{147}Pm , 147 , 148 , 149 , 150 , 151 , 152 , ^{154}Sm , 153 , 154 , ^{155}Eu , 155 , 156 , 157 , ^{158}Gd , $^{159}\text{Tb}(n,\gamma)$; calculated $\sigma(E)$.

Keynumber: 1973BRZX

Coden: JOUR BAPSA 18 592 DE7

Keyword abstract: NUCLEAR REACTIONS 128 , $^{130}\text{Te}(n,\gamma)$; 129 , ^{131}Te deduced resonances.

Keynumber: 1973BRWT

Coden: REPT USNDC-7 P107

Keyword abstract: NUCLEAR REACTIONS 128 , $^{130}\text{Te}(n,\gamma)$; measured $\sigma(E)$. 129 , ^{131}Te deduced resonances, level-width.

Keynumber: 1973BR29

Reference: Phys.Rev. C8, 2405 (1973)

Authors: J.C.Browne, B.L.Berman

Title: Neutron-Capture Cross Sections for ^{128}Te and ^{130}Te and the Xenon Anomaly in Old Tellurium Ores

Keyword abstract: NUCLEAR REACTIONS $^{128}, ^{130}\text{Te}(n,\gamma), E=0.5-7000$ eV; measured $\sigma(E)$. $^{129}, ^{131}\text{Te}$ deduced resonances, level-width.

Keynumber: 1972TH03

Reference: J.Phys.(London) A5, 468 (1972)

Authors: B.V.Thirumala Rao, J.Rama Rao, E.Kondaiah

Title: Neutron Capture Cross Sections at 25 keV

Keyword abstract: NUCLEAR REACTIONS $^{84}\text{Kr}, ^{110}\text{Cd}, ^{115}\text{In}, ^{130}\text{Te}, ^{146}, ^{148}, ^{150}\text{Nd}, ^{158}\text{Gd}, ^{160}\text{Gd}(n,\gamma), E=25$ keV; measured σ .

Keynumber: 1972MUZU

Coden: JOUR BAPSA 17 557, S F Mughabghab, 4/24/72

Keyword abstract: NUCLEAR REACTIONS $^{126}, ^{128}, ^{130}\text{Te}(n,\gamma), E=\text{resonance}$; measured $E\gamma, I\gamma$; deduced Q. $^{127}, ^{129}, ^{131}\text{Te}$ deduced transitions.

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

Keynumber: 1968CH23

Reference: Nucl.Phys. A117, 545(1968)

Authors: A.K.Chaubey, M.L.Sehgal

Title: Energy Dependence of Spin Fall-Off Parameter

Keyword abstract: NUCLEAR REACTIONS $^{76}\text{Ge}, ^{108}\text{Pd}, ^{130}\text{Te}, ^{164}\text{Dy}(n,\gamma), E=24$ keV; measured σ , isomeric cross-section ratios; deduced spin-cutoff parameter.

Keynumber: 1966NA07

Reference: J.Inorg.Nucl.Chem. 28, 1 (1966)

Authors: M.N.Namboodiri, M.Rajagopalan, N.Ravindran, K.Rengan, M.V.Ramaniah

Title: Isomeric Cross-Section Ratios in the (n,γ) Reactions on ^{130}Te and ^{110}Pd

Keyword abstract: NUCLEAR REACTIONS $^{130}\text{Te}, ^{110}\text{Pd}(n,\gamma), E=\text{thermal}$; measured isomeric σ ratios.