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14 reference(s) found :

Keynumber: 2000BO24

Reference: Nucl.Phys. A673, 85 (2000)

Authors: V.Bondarenko, T.von Egidy, J.Honzatko, I.Tomandl, D.Bucurescu, N.Marginean, J.Ott, W.Schauer, H.-F.Wirth, C.Doll

Title: Nuclear Structure Studies of ^{123}Te with (n, γ) and (d,p) Reactions

Keyword abstract: NUCLEAR REACTIONS $^{122}\text{Te}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. $^{122}\text{Te}(d,p)$,E=17 MeV; measured proton spectra. ^{123}Te deduced levels,J, π ,branching ratios,spectroscopic factors. Interacting boson-fermion model calculations.

Keynumber: [1999BO31](#)

Reference: Phys.Rev. C60, 027302 (1999)

Authors: V.Bondarenko, J.Honzatko, I.Tomandl, D.Bucurescu, T.von Egidy, J.Ott, W.Schauer, H.-F.Wirth, C.Doll

Title: Origin of the Anomalous Population of Long-Lived Isomers in Odd-A Te Isotopes

Keyword abstract: NUCLEAR REACTIONS 122 , 124 , $^{128}\text{Te}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin; deduced isomeric states population. 122 , 124 , $^{128}\text{Te}(d,p)$,E not given; measured proton spectra; deduced isomeric states population. 123 , 125 , ^{129}Te deduced levels,J, π ,configurations. IBM,DWBA analysis.

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 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: 1996BO10

Reference: Z.Phys. A354, 235 (1996)

Authors: V.Bondarenko, J.Honzatko, I.Tomandl

Title: ' Antialigned ' Members of the $h_{11/2}$ Family in 123 , ^{125}Te

Keyword abstract: NUCLEAR REACTIONS 122 , $^{124}\text{Te}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. 123 , ^{125}Te deduced levels,antialigned states based on $h_{11/2}$ orbital.

Keynumber: 1995HOZV

Reference: Program and Thesis, Proc.45th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, St.Petersburg, p.64 (1995)

Authors: J.Honzatko, I.Tomandl, V.Bondarenko

Title: Low Spin Members of the $h_{11/2}$ Family in 123 , ^{125}Te

Keyword abstract: NUCLEAR REACTIONS 122 , $^{124}\text{Te}(n,\gamma)$,E=thermal; measured γ -spectra, $\gamma\gamma$ -coin. 123 , ^{125}Te deduced levels,J, π ,configurations. IBFM.

Keynumber: 1995AL07

Reference: Yad.Fiz. 58, No 1, 15 (1995); Phys.Atomic Nuclei 58, 13 (1995)

Authors: V.G.Alpatov, A.V.Davydov, G.R.Kartashov, M.M.Korotkov, G.V.Kostina, P.A.Polozov, A.A.Sadovsky

Title: Production of Long-Lived Tellurium Isomer in (n, γ) Reactions

Keyword abstract: NUCLEAR REACTIONS 122 , 124 , 126 , $^{128}\text{Te}(n,\gamma)$, (n,X),E=thermal; measured isomer production σ ,ratios,resonant integrals.

Keynumber: 1994ALZZ

Reference: Program and Thesis, Proc.44th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Kharkov, p.56 (1994)

Authors: V.G.Alpatov, A.V.Davydov, G.R.Kartashov, M.M.Korotkov, G.V.Kostina, P.A.Polozov, A.A.Sedovsky

Title: Isomeric Ratios of 123 , 125 , 127 , ^{129}Te Produced in (n, γ) Reaction

Keyword abstract: NUCLEAR REACTIONS,ICPND 122 , 124 , 126 , $^{128}\text{Te}(n,\gamma)$,E=thermal,resonance; measured isomeric σ ratios.

Keynumber: [1992XI01](#)

Reference: Phys.Rev. C45, 2487 (1992)

Authors: Y.Xia, Th.W.Gerstenhofer, S.Jaag, F.Kappeler, K.Wisshak

Title: Neutron Cross Sections of ^{122}Te , ^{123}Te , and ^{124}Te between 1 and 60 keV

Keyword abstract: NUCLEAR REACTIONS ^{93}Nb , 122 , 123 , $^{124}\text{Te}(n,\gamma)$,E=1-60 keV; measured capture σ relative to gold standard. 122 , 123 , $^{124}\text{Te}(n,X)$,E=10-100 keV; measured total σ .

Keynumber: [1992WI05](#)

Reference: Phys.Rev. C45, 2470 (1992)

Authors: K.Wisshak, F.Voss, F.Kappeler, G.Reffo

Title: Neutron Capture in 122 , 123 , ^{124}Te : Critical test for s process studies

Keyword abstract: NUCLEAR REACTIONS 122 , 123 , 124 , 125 , $^{126}\text{Te}(n,\gamma)$,E=10-200 keV; measured capture σ relative to gold standard; deduced Maxwellian averaged σ between kT=10 and 100 keV.

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Authors: J.Honzatko, K.Konecny, Z.Kosina

Title: Study of $^{122}\text{Te}(n,\gamma)^{123}\text{Te}$ Reaction

Keyword abstract: NUCLEAR REACTIONS $^{122}\text{Te}(n,\gamma)$,E=thermal; measured $E\gamma$, $I\gamma$. ^{123}Te deduced levels,J, π .

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: 1972SI20

Reference: J.Phys.(London), A5, 877 (1972)

Authors: K.Siddappa, M.S.Murty, J.Rama Rao

Title: p Wave Neutron Capture in Medium and Heavy Weight Nuclei

Keyword abstract: NUCLEAR REACTIONS 74 , 78 Se, 84 Sr, 109 Ag, 122 Te, 159 Tb, 169 Tm, 174 , 176 Yb, 178 , 179 Hf, 192 Os(n, γ),E=25 keV; measured average σ .

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 121m Te, 123m Te, 125m Te, 127m Te, 129m Te; measured I(ce) ratios. 121 , 123 , 125 , 127 , 129 Te deduced transitions,ICC.

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

Keynumber: 1970MUZS

Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P29

Keyword abstract: NUCLEAR REACTIONS 74 Se, 84 Sr, 109 Ag, 122 Te, 159 Tb, 168 Yb, 174 , 176 Yb, 169 Tm, 178 , 179 Hf, 191 Ir, 192 Os(n, γ),E=25 MeV; measured σ .