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21 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=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: [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: 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: 1994SWZZ

Reference: Proc.8th Int.Symposium on Capture Gamma-Ray Spectroscopy and Related Topic, Fribourg, Switzerland, 20-24 September 1993, J.Kern, Ed., World Scientific, Singapore, p.335 (1994)

Authors: J.R.Swider, D.M.Mustillo, L.F.Conticchio, W.B.Walters, R.L.Paul, R.M.Lindstrom

Title: Gamma-Ray Cascades in the Te-128(n,γ) Reaction Observed in Coincidence Measurements

Keyword abstract: NUCLEAR REACTIONS $^{128}\text{Te}(n,\gamma)$, E not given; measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin. ^{129}Te deduced levels, J, π .

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 Te(n, γ), E=thermal, resonance; measured isomeric σ ratios.

Keynumber: 1993KA28

Reference: Astrophys.J. 410, 370 (1993)

Authors: F.Kappeler, W.Schanz, K.Wisshak, G.Reffo

Title: The s-Process Between A = 120 and 124: Signature of neutron density and temperature in red giants

Keyword abstract: NUCLEAR REACTIONS 120 Sn, 121 , 123 Sb, 128 Te(n, γ), E=quasistellar neutron spectrum; measured σ ; deduced relevance for s-process nucleosynthesis. Activation technique.

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: 1981HO12

Reference: Z.Phys. A299, 183 (1981)

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

Title: Evidence for Direct Mechanism in the 128 Te(n, γ) 129 Te Reaction at Thermal Neutron Energies

Keyword abstract: NUCLEAR REACTIONS 128 Te(n, γ), E=thermal; measured $E\gamma$, $I\gamma$, σ ; deduced direct mechanism. 129 Te deduced level, S. Enriched target. Lane-Lynn theory.

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=thermal, 0.2-2.8 MeV; 92 Mo(p, γ), E=1.8-7.4 MeV; analyzed σ (capture) isomer ratio vs E. Statistical theory.

Keynumber: 1980GOZJ

Coden: CONF Kiev(Neutron Physics) Proc, Part2, P239, Gonzatko

Keyword abstract: NUCLEAR REACTIONS 128 Te(n, γ), E=thermal; measured $E\gamma$, $I\gamma$, partial σ . 129 Te deduced levels. Enriched targets, Ge(Li) detector. Lane-Lynn model.

Keynumber: 1979KAZI

Reference: NEANDC(J)-61/U, p.94 (1979)

Authors: K.Kayashima, A.Nagao, I.Kumabe

Title: Activation Cross Sections on Ti,Mn,Cu,Zn,Sr,Y,Cd,In and Te for 14.6 MeV Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{46, 48}\text{Ti}$, ^{86}Sr , ^{110}Cd , ^{115}In , $^{122, 124}\text{Te}(n,p)$, ^{50}Ti , ^{63}Cu , ^{89}Y , $^{128}\text{Te}(n,\gamma)$, ^{55}Mn , ^{66}Zn , ^{86}Sr , ^{89}Y , ^{116}Cd , ^{115}In , $^{120, 122, 124, 130}\text{Te}(n,2n)$, $E=14.6$ MeV; measured σ . Activation technique.

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 , $^{98, 100}\text{Mo}$, ^{104}Ru , ^{115}In , ^{116}Cd , $^{122, 124}\text{Sn}$, $^{128, 130}\text{Te}$, ^{139}La , $^{140, 142}\text{Ce}$, ^{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_γ, I_γ . $^{131, 129, 125}\text{Te}$ deduced transitions.

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

Keynumber: 1973BRZX

Coden: JOUR BAPSA 18 592 DE7

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

Keynumber: 1973BRWT

Coden: REPT USNDC-7 P107

Keyword abstract: NUCLEAR REACTIONS $^{128, 130}\text{Te}(n,\gamma)$; measured $\sigma(E)$. $^{129, 131}\text{Te}$ 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: 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: 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 $\text{Te}^{121}, ^{123}, ^{125}, ^{127}, ^{129}$

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

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