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12 reference(s) found :

Keynumber: 1987NA09

Reference: J.Radioanal.Nucl.Chem. 109, 37 (1987)

Authors: A.G.C.Nair, N.Chakravarty, A.Goswami, B.K.Srivastava, Satya Prakash

Title: Beta-Branching Fraction of ^{117}Cd Isomers and IT Branching of $^{117\text{m}}\text{In}$

Keyword abstract: NUCLEAR REACTIONS $^{116}\text{Cd}(n,\gamma)^{117}\text{Cd}$, E=thermal; measured residual isomer to ground state production ratio; deduced spin cut-off parameter.

Keyword abstract: RADIOACTIVITY $^{117}\text{Cd}(\beta^-)$; measured beta branching fraction. $^{117\text{m}}\text{In}(\beta^-)$, (IT) [from $^{117}\text{Cd}(\beta\text{-decay})$]; measured internal transition branching.

Keynumber: 1986BO31

Reference: Z.Phys. A325, 281 (1986)

Authors: E.Bodenstedt, B.Gemunden, J.van den Hoff, S.Piel, R.Sajok

Title: Gyromagnetic Ratio of the 159 keV $(3/2)^+$ State of ^{117}Sn

Keyword abstract: NUCLEAR REACTIONS $^{116}\text{Cd}(n,\gamma)$, E=thermal; measured $\gamma(\theta, H)$. ^{117}Sn level deduced g-factor.

Keynumber: 1981HE03

Reference: Nucl.Phys. A357, 1 (1981)

Authors: M.Herman, A.Marcinkowski

Title: Cross Sections for Fast Neutron Capture on the Se, Pd, Cd, Os and Pt Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78, 80, 82}\text{Se}$, $^{108, 110}\text{Pd}$, $^{114, 116}\text{Cd}$, $^{190, 192}\text{Os}$, $^{196, 198}\text{Pt}$ (n,γ) , E=0.5-1.3 MeV; measured $\sigma(E)$. Activation technique. Compound nucleus model.

Keynumber: 1979HEZK

Reference: Bull.Am.Phys.Soc. 24, No.7, 870, CC1 (1979)

Authors: M.Herman, A.Marcinkowski

Title: Cross Sections for Fast Neutron Capture on Se, Cd, and Os Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{78, 80, 82}\text{Se}$, $^{114, 116}\text{Cd}$, $^{190, 192}\text{Os}$ (n,γ) , E=0.53, 0.86, 1.20, 1.31 MeV; measured σ . Activation technique. Statistical model estimates.

Keynumber: 1979GL09

Reference: Phys.Rev. C20, 2370 (1979)

Authors: M.D.Glascock, E.W.Schneider, W.B.Walters, S.V.Jackson, R.A.Meyer

Title: Level Structure of Odd-Mass In Nuclei and the Unified Model. II. ^{117}In Levels Populated in the Decay of ^{117}Cd Isomers

Keyword abstract: RADIOACTIVITY $^{117, 117\text{m}}\text{Cd}$ [from $^{116}\text{Cd}(n,\gamma)$]; measured $E\gamma, I\gamma, \gamma\gamma\text{-coin}, \gamma\gamma(\theta)$; deduced β -branching, log ft. ^{117}In deduced levels, J, π .

Keyword abstract: NUCLEAR REACTIONS $^{116}\text{Cd}(n,\gamma)$, E=thermal; measured $E\gamma, I\gamma, \gamma\gamma\text{-coin}, \gamma\gamma(\theta)$; deduced σ .

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: 1978MU06

Reference: J.Phys.(London) G4, 771 (1978)

Authors: A.R.de L.Musgrove, B.J.Allen, R.L.Macklin

Title: Neutron-Capture Resonance Parameters and Cross Sections for the Even-A Isotopes of Cadmium

Keyword abstract: NUCLEAR REACTIONS 106 , 108 , 110 , 112 , 114 , $^{116}\text{Cd}(n,\gamma)$, $E=\text{res}$; measured $\sigma(E\gamma)$; deduced resonance parameters.

Keynumber: 1974LI12

Reference: Phys.Rev. C10, 709 (1974)

Authors: H.I.Liou, G.Hacken, F.Rahn, J.Rainwater, M.Slagowitz, W.Makofske

Title: Neutron Resonance Spectroscopy. XV. The Separated Isotopes of Cd

Keyword abstract: NUCLEAR REACTIONS Cd, 110 , 112 , 114 , $^{116}\text{Cd}(n,n)$, (n,γ) , $E=0-10$ keV; measured $\sigma(E)$. 115 , 111 , 112 , 113 , 114 , ^{117}Cd deduced resonances, n -width. 112 , ^{114}Cd resonances deduced γ -width, J.

Keynumber: 1973TA01

Reference: J.Inorg.Nucl.Chem. 35, 371 (1973)

Authors: C.W.Tang, R.L.Eng, C.D.Coryell

Title: Isomeric-Yield Ratios of ^{117}Cd in the (n,γ) and (d,p) Reactions

Keyword abstract: NUCLEAR REACTIONS $^{116}\text{Cd}(n,\gamma)$, $E=\text{thermal}$; $^{116}\text{Cd}(d,p)$, $E=14$ MeV; measured ^{117}Cd isomeric yield ratio.

Keynumber: 1973LAYT

Reference: INDC(HUN)-11/L, p.26 (1973)

Authors: L.Lakosi, A.Veres

Title: Activation Experiments of Photo-Neutrons by using ^{24}Na -Be Source

Keyword abstract: NUCLEAR REACTIONS ^{55}Mn , 114 , ^{116}Cd , ^{115}In , ^{127}I , 152 , ^{154}Sm , 166 , ^{170}Er , ^{175}Lu , 191 , $^{193}\text{Ir}(n,\gamma)$, 107 , ^{109}Ag , ^{111}Cd , ^{115}In , ^{167}Er , $^{176}\text{Lu}(n,n'\gamma)$; measured σ .

Keynumber: 1972LA26

Reference: J.Phys.(London) A5, 1262 (1972)

Authors: A.Lakshmana Rao, J.Rama Rao

Title: Cross Sections and Isomer Ratios for Some Neutron Capture Reactions

Keyword abstract: NUCLEAR REACTIONS ^{116}Cd , $^{151}\text{Eu}(n,\gamma)$, $E=25$ keV; measured σ , isomeric σ ratio; deduced spin cut-off parameters.

Keynumber: 1970RAZU

Coden: CONF Madurai(Nucl,Solid State Phys), Vol2,P19

Keyword abstract: NUCLEAR REACTIONS ^{74}Ge , ^{85}Rb , ^{110}Pd , ^{116}Cd , ^{121}Sb , ^{124}Sn , ^{151}Eu , $^{196}\text{Pt}(n,\gamma)$, $E=25$ keV; measured σ , isomeric σ ratios.