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10 reference(s) found :

Keynumber: [1990VE10](#)

Reference: Phys.Rev. C42, 588 (1990)

Authors: M.Veskovic, I.Bikit, I.Anicin, W.D.Hamilton, J.Copnell, M.Krmar, J.Slivka

Title: Some Aspects of the ^{111}Cd Level Scheme

Keyword abstract: NUCLEAR REACTIONS $^{110}\text{Cd}(n,\gamma)$, E=thermal; measured γ - spectra, $\gamma\gamma$ -coin; deduced $\sigma(n,\gamma)$. ^{111}Cd deduced level, isomer population mode.

Keynumber: 1987BAYW

Reference: IAE-4544/2 (1987)

Authors: K.A.Baskova, A.B.Vovk, T.M.Gerus, L.I.Gorov, A.M.Demidov, V.A.Kurkin

Title: Study of γ -Rays from ^{111}Cd and ^{113}Cd from the Reactions $(n,n'\gamma)$ and $(n\text{-bar}(res),\gamma)$

Keyword abstract: NUCLEAR REACTIONS $^{111}, ^{113}\text{Cd}(n,n'\gamma)$, $^{110}, ^{112}\text{Cd}(n,\gamma)$, E not given; measured $E\gamma, I\gamma$. $^{111}, ^{113}\text{Cd}$ deduced levels, J, π, δ .

Keynumber: 1986BAZC

Reference: Program and Theses, Proc.36th, Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Kharkov, p.86 (1986)

Authors: K.A.Baskova, G.I.Borisov, A.B.Vovk, T.M.Gerus, L.I.Govor, A.M.Demidov, I.V.Mikhailov

Title:

Keyword abstract: NUCLEAR REACTIONS $^{110}\text{Cd}(n,\gamma)$, E=89.5 keV; measured $E\gamma, I\gamma$. ^{111}Cd deduced levels, J, π .

Keynumber: 1986BA72

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 50, 1898 (1986); Bull.Acad.Sci.USSR, Phys.Ser. 50, No.10, 23 (1986)

Authors: K.A.Baskova, G.I.Borisov, A.B.Vovk, T.M.Gerus, L.I.Govor, A.M.Demidov, I.V.Mikhailov

Title: ^{111}Cd Levels Excited in $(n\text{-bar}(res),\gamma)$ Reaction

Keyword abstract: NUCLEAR REACTIONS $^{110}\text{Cd}(n,\gamma)$, E=20-1000 eV; measured $E\gamma, I\gamma$. ^{111}Cd deduced levels, J, π . Enriched target, Ge detectors, resonance averaging procedure.

Keynumber: 1985BE48

Reference: Fizika(Zagreb) 17, 191 (1985)

Authors: H.Benabdallah, G.Paic, J.Csikai

Title: Measurement of Some Average Cross Sections for Activation in the Spontaneous Fission Neutron Field of ^{252}Cf

Keyword abstract: NUCLEAR REACTIONS $^{115}\text{In}(n,n')$, (n,γ) , ^{113}In , $^{111}\text{Cd}(n,n')$, $^{197}\text{Au}(n,\gamma)$, $^{110}\text{Cd}(n,\gamma)$, ^{58}Ni , ^{27}Al , $^{64}\text{Zn}(n,p)$, ^{68}Zn , $^{138}, ^{134}\text{Ba}$, $^{86}\text{Sr}(n,\gamma)$, ^{135}Ba , $^{87}\text{Sr}(n,n')$, E=fission spectrum; measured average σ . Small ^{252}Cf source.

Keynumber: 1982SM08

Reference: Nucl.Phys. A388, 37 (1982)

Authors: D.L.Smith, J.W.Meadows, P.A.Moldauer, W.P.Poenitz

Title: Formation of $^{111\text{m}}\text{Cd}$ in Fast-Neutron Activation of ^{110}Cd and ^{111}Cd

Keyword abstract: NUCLEAR REACTIONS $^{110}\text{Cd}(n,\gamma)$, $^{111}\text{Cd}(n,n')$, $E=0.4-1.5$ MeV; measured $\sigma(E)$ ratios; deduced isotopic $\sigma(E)$ for capture, $\sigma(\text{inelastic})$ vs E . Optical, statistical, γ -ray cascade model calculations. Isotopic samples.

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: 1973PE10

Reference: Acta Phys. 33, 363 (1973)

Authors: G.Peto, J.Csikai, G.M.Shuriet, I.Jozsa, V.Asztalos

Title: Average Cross Sections for Pu- α -Be Neutrons; Low-Energy Neutrons from α -n Sources

Keyword abstract: NUCLEAR REACTIONS ^{27}Al , ^{28}Si , $^{31}\text{P}(n,p)$, ^{77}Se , ^{79}Br , ^{87}Sr , ^{89}Y , ^{111}Cd , ^{115}In , 135 , ^{137}Ba , ^{197}Au , ^{199}Hg , $^{204}\text{Pb}(n,n'\gamma)$, ^{76}Se , ^{79}Br , ^{86}Sr , ^{110}Cd , ^{115}In , ^{127}I , 134 , ^{136}Ba , ^{197}Au , ^{198}Hg (n,γ) , $E < 2$ MeV; measured σ .

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}Kr , ^{110}Cd , ^{115}In , ^{130}Te , 146 , 148 , ^{150}Nd , ^{158}Gd , ^{160}Gd (n,γ) , $E=25$ keV; measured σ .