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11 reference(s) found :

Keynumber: 1982RA32

Reference: Indian J.Pure Appl.Phys. 20, 627 (1982)

Authors: S.K.Rathi, V.P.Varshney, H.M.Agrawal

Title: Calculations of Neutron Capture Cross-Sections for some Nuclei using Bilpuch Formula

Keyword abstract: NUCLEAR REACTIONS $^{40, 43}\text{Ca}$, $^{52, 53}\text{Cr}$, $^{54, 56}\text{Fe}$, ^{88}Sr , $^{90, 91, 92, 94}\text{Zr}$, ^{93}Nb , $^{92, 94, 95, 96, 97, 98, 100}\text{Mo}$, ^{138}Ba , ^{139}La , ^{140}Ce , $^{203}\text{Tl}(n,\gamma)$, $E=24$ keV; calculated $\sigma(\text{capture})$. Experimental parameters, Bilpuch formula.

Keynumber: 1979HEZT

Reference: Priv.Comm. (December 1979)

Authors: D.Heck

Title: γ -Rays from $^{91}\text{Zr}(n,\gamma)^{92}\text{Zr}$

Keyword abstract: NUCLEAR REACTIONS $^{91}\text{Zr}(n,\gamma)$, E not given; measured $E\gamma, I\gamma$.

Keynumber: 1979BRZI

Reference: NEANDC(E)-202U, Vol.III, p.13 (1979)

Authors: A.Brusegan, F.Corvi, G.Rohr, C.Coceva, P.Giacobbe, M.Magnani

Title: Neutron Resonance Parameters of ^{91}Zr

Keyword abstract: NUCLEAR REACTIONS $^{91}\text{Zr}(n,\gamma)$, (n,X) , $E < 14.57$ keV; $^{91}\text{Zr}(n,\gamma)$, $E=14.57-19.8$ keV; analyzed data. ^{92}Zr deduced average resonance parameters.

Keynumber: 1979BR25

Reference: Nucl.Instrum.Methods 166, 243 (1979)

Authors: F.Braumandl, K.Schreckenbach, T.von Egidy

Title: Precision Measurements of Neutron Binding Energies of ^{28}Al , ^{92}Zr , ^{114}Cd , ^{165}Dy , ^{168}Er , ^{200}Hg and ^{239}U

Keyword abstract: NUCLEAR REACTIONS ^{27}Al , ^{91}Zr , ^{113}Cd , ^{164}Dy , ^{167}Er , ^{199}Hg , ^{238}U (n,γ) , $E=\text{reactor}$; measured $E\gamma, I(\text{ce})$. ^{28}Al , ^{92}Zr , ^{114}Cd , ^{165}Dy , ^{168}Er , ^{200}Hg , ^{239}U deduced $B(n)$. Bent crystal Gams, pair, β -spectrometers.

Keynumber: 1978KEZX

Coden: CONF Brookhaven(Neutron Capt γ -Ray Spectr), Proc,P646, Kenny

Keyword abstract: NUCLEAR REACTIONS Zr , $^{91, 92, 94, 96}\text{Zr}(n,\gamma)$, $E=2, 24$ keV; measured $E\gamma, I\gamma$. $^{91, 92, 94}\text{Zr}$ deduced binding energies. $^{92, 93, 95}\text{Zr}$ deduced capture L -value, $J, \pi, B(\lambda)$.

Keynumber: 1978KEZT

Reference: Proc.Intern.Symp. Neutron Capture Gamma Ray Spectroscopy and Related Topics, 3rd, BNL, Upton, (1978), R.E.Chrien, W.R.Kane, eds., Plenum Press, New York, p.646 (1978)

Authors: M.J.Kenny, M.L.Stelts, R.E.Chrien

Title: Capture of 2 and 24 keV Neutrons by the Zirconium Isotopes

Keyword abstract: NUCLEAR REACTIONS $^{90, 91, 92, 94, 96}\text{Zr}(n,\gamma)$, $E=2, 24$ keV; measured $\sigma(E\gamma), I\gamma$. $^{92, 93, 95}\text{Zr}$ deduced levels, J, π , binding energies. Enriched, natural targets.

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: 1973FAZY

Reference: EANDC(E) 157-U, Vol.1, p.18 (1973)

Authors: U.Fanger, D.Heck, R.Pepelnik, H.Schmidt

Title: Investigation of the Level Structure of ^{87}Sr , ^{92}Zr , ^{190}Os and ^{233}Th using the Radiative Neutron Capture Reaction

Keyword abstract: NUCLEAR REACTIONS ^{86}Sr , ^{91}Zr , ^{189}Os , $^{232}\text{Th}(n,\gamma)$; measured $E\gamma$. ^{87}Sr , ^{92}Zr , ^{233}Th deduced levels, J, π , S(n). ^{190}Os deduced levels, J, π .

Keynumber: 1972MUZY

Coden: JOUR BAPSA 17 18, S F Mughabghab, 1/13/72

Keyword abstract: NUCLEAR REACTIONS $^{91}\text{Zr}(n,\gamma)$, E=resonance; measured $E\gamma$, $I\gamma$. ^{92}Zr deduced resonances, J.

Keynumber: 1972FAZW

Reference: Contrib.Conf.Nuclear Structure Study with Neutrons, Budapest, p.72 (1972)

Authors: U.Fanger, D.Heck, R.Pepelnik, H.Schmidt, J.Wood

Title: (n, γ) Investigation of the Level Structure in ^{92}Zr

Keyword abstract: NUCLEAR REACTIONS $^{91}\text{Zr}(n,\gamma)$, measured $\gamma\gamma(\theta)$, $E\gamma$, $I\gamma$; deduced Q. ^{92}Zr deduced levels, J, π .

Keynumber: 1969RIZZ

Coden: THESIS K Rimawi, SUNY(Albany), DABBB 31B P3635

Keyword abstract: NUCLEAR REACTIONS ^{91}Zr , ^{94}Nb , $^{103}\text{Rh}(n,\gamma)$, E=thermal, resonance; measured $E\gamma$, $I\gamma$. ^{92}Zr , ^{95}Nb , ^{104}Rh deduced resonances, J.