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12 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: 1981RA01

Reference: J.Phys.(London) G7, 53 (1981)

Authors: S.K.Rathi, H.M.Agarwal

Title: P-Wave Neutron Strength Functions

Keyword abstract: NUCLEAR REACTIONS ^{43}Ca , ^{52}Cr , ^{56}Fe , ^{88}Sr , ^{89}Y , $^{90, 92, 94}\text{Zr}$, ^{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; analyzed σ . ^{44}Ca , ^{53}Cr , ^{57}Fe , ^{89}Sr , ^{90}Y , $^{91, 93, 95}\text{Zr}$, ^{94}Nb , $^{93, 95, 96, 97, 98, 99, 101}\text{Mo}$, ^{139}Ba , ^{140}La , ^{141}Ce , ^{204}Tl deduced p-wave strength function.

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: 1977BA33

Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 41, 101 (1977); Bull.Acad.Sci.USSR, Phys.Ser. 41, No.1, 82 (1977)

Authors: I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, A.F.Ogorodnik, M.M.Tuchinskii

Title: γ -Rays Emitted in the Thermal-Neutron Reactions $^{90, 92, 94, 96}\text{Zr}(n,\gamma)$ $^{91, 93, 95, 97}\text{Zr}$

Keyword abstract: NUCLEAR REACTIONS $^{90, 92, 94, 96}\text{Zr}(n,\gamma)$, $E=\text{thermal}$; measured $E\gamma, I\gamma$; deduced Q . $^{91, 93, 95, 96}\text{Zr}$ deduced levels, γ -branching.

Keynumber: 1976BO31

Reference: Nucl.Phys. A269, 31 (1976)

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

Title: The Neutron Total and Capture Cross Sections of $^{92, 94}\text{Zr}$

Keyword abstract: NUCLEAR REACTIONS $^{92}\text{Zr}(n,\gamma)$, (n,X) , $E=2-120$ keV; $^{94}\text{Zr}(n,\gamma)$, (n,X) , $E=2-90$

keV; measured $\sigma(E, E\gamma)$, total σ . $^{93}, ^{95}\text{Zr}$ deduced resonances, resonance parameters, valence widths. Enriched targets.

Keynumber: 1976BAYM

Reference: Program and Theses, Proc.26th Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Baku, p.67 (1976)

Authors: I.F.Barchuk, G.V.Belykh, V.I.Golyshkin, A.F.Ogorodnik, M.M.Tuchinsky

Title: Gamma-Rays in Reactions $^{90}, ^{92}, ^{94}, ^{96}\text{Zr}(n, \gamma)^{91}, ^{93}, ^{95}, ^{97}\text{Zr}$ on Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{90}, ^{92}, ^{94}, ^{96}\text{Zr}(n, \gamma)$, E=thermal; measured $E\gamma, I\gamma$. $^{91}, ^{93}, ^{95}, ^{97}\text{Zr}$ deduced transitions. Enriched targets. Ge(Li) detectors.

Keynumber: 1973LAYG

Reference: RCN-191 (1973)

Authors: G.Lautenbach

Title: Calculated Neutron Absorption Cross Sections of 75 Fission Products

Keyword abstract: NUCLEAR REACTIONS $^{81}\text{Br}, ^{83}, ^{84}, ^{85}, ^{86}\text{Kr}, ^{85}, ^{87}\text{Rb}, ^{88}, ^{90}\text{Sr}, ^{89}\text{Y}, ^{91}, ^{92}, ^{93}, ^{94}, ^{95}, ^{96}\text{Zr}, ^{95}, ^{97}, ^{98}, ^{100}\text{Mo}, ^{99}\text{Tc}, ^{101}, ^{102}, ^{104}, ^{106}\text{Ru}, ^{103}\text{Rh}, ^{105}, ^{106}, ^{107}, ^{108}, ^{110}\text{Pd}, ^{109}\text{Ag}, ^{111}, ^{112}, ^{113}, ^{114}\text{Cd}, ^{115}\text{In}, ^{126}, ^{128}, ^{130}\text{Te}, ^{127}, ^{129}\text{I}, ^{131}, ^{132}, ^{134}, ^{136}\text{Xe}, ^{133}, ^{135}, ^{137}\text{Cs}, ^{138}\text{Ba}, ^{139}\text{La}, ^{140}, ^{142}\text{Ce}, ^{141}\text{Pr}, ^{143}, ^{144}, ^{145}, ^{146}, ^{148}, ^{150}\text{Nd}, ^{147}\text{Pm}, ^{147}, ^{148}, ^{149}, ^{150}, ^{151}, ^{152}, ^{154}\text{Sm}, ^{153}, ^{154}, ^{155}\text{Eu}, ^{155}, ^{156}, ^{157}, ^{158}\text{Gd}, ^{159}\text{Tb}(n, \gamma)$; calculated $\sigma(E)$.

Keynumber: 1973GRXS

Coden: REPT RCN-203 P226

Keyword abstract: NUCLEAR REACTIONS $^{103}\text{Rh}, ^{92}\text{Zr}, ^{109}\text{Ag}, ^{106}\text{Pd}(n, \gamma), (n, n')$; calculated σ .

Keynumber: 1972GR23

Reference: Yad.Fiz. 15, 625 (1972); Sov.J.Nucl.Phys. 15, 347 (1972)

Authors: L.V.Groshev, L.I.Govor, A.M.Demidov

Title: Sr^{87} and Zr^{93} Fluorescence after the Capture of Thermal Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{86}\text{Sr}, ^{90}, ^{92}\text{Zr}(n, \gamma)$, E=thermal; measured $E\gamma, I\gamma$; deduced Q. $^{87}\text{Sr}, ^{91}, ^{93}\text{Zr}$ deduced levels. $^{87}\text{Sr}, ^{93}\text{Zr}$ deduced cross-over transitions.

Keynumber: 1971GRZX

Coden: CONF Moscow(NuclSpectros,Structure) Abstr P54

Keyword abstract: NUCLEAR REACTIONS $^{86}\text{Sr}, ^{92}\text{Zr}(n, \gamma)$, E=th; measured $E\gamma$; deduced Q. $^{87}\text{Sr}, ^{93}\text{Zr}$ deduced levels.

Keynumber: 1971GRZS

Reference: Program and Theses, Proc.21st Ann.Conf.Nucl.Spectrosc.Struct.At.Nuclei, Moscow, Pt.1, p.54 (1971)

Authors: L.V.Groshev, L.I.Govor, A.M.Demidov

Title: De-Excitation of ^{87}Sr and ^{93}Zr after Capture of Slow Neutrons

Keyword abstract: NUCLEAR REACTIONS $^{86}\text{Sr}, ^{92}\text{Zr}(n, \gamma)$, E=slow; measured $E\gamma, I\gamma$; deduced Q. $^{87}\text{Sr}, ^{93}\text{Zr}$ deduced transitions.