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12 reference(s) found :

Keynumber: 2001ZHZW

Reference: INDC(CPR)-053/L, p.49 (2001)

Authors: Z.Zhang, Z.Ge, Y.Han, Q.Shen, X.Sun

Title: $n + {}^{99-105}\text{Ru}$ $E_n \leq 20$ MeV Nuclear Data Calculations

Keyword abstract: NUCLEAR REACTIONS ${}^{99, 100, 101, 102, 103, 104, 105}\text{Ru}(n,X)$, (n,γ) , $E < 20$ MeV; ${}^{104}\text{Ru}(n,p)$, $E < 20$ MeV; calculated σ . Comparisons with data.

Keynumber: 2000OHZZ

Reference: BNL-NCS-67469 (2000)

Authors: S.-Y.Oh, J.Chang, S.Mughabghab

Title: Neutron Cross Section Evaluations of Fission Products Below the Fast Energy Region

Keyword abstract: NUCLEAR REACTIONS ${}^{95}\text{Mo}$, ${}^{99}\text{Tc}$, ${}^{101}\text{Ru}$, ${}^{103}\text{Rh}$, ${}^{105}\text{Pd}$, ${}^{109}\text{Ag}$, ${}^{131}\text{Xe}$, ${}^{133}\text{Cs}$, ${}^{141}\text{Pr}$, ${}^{143, 145}\text{Nd}$, ${}^{147, 149, 150, 151, 152}\text{Sm}$, ${}^{153}\text{Eu}$, ${}^{155, 157}\text{Gd}(n,\gamma)$, $E < 250$ keV; compiled, analyzed capture σ , resonance parameters, related features. Comparison with data, previous evaluations.

Keynumber: 1980MA08

Reference: Nucl.Sci.Eng. 73, 174 (1980)

Authors: R.L.Macklin, J.Halperin

Title: ${}^{100, 101, 102, 104}\text{Ru}(n,\gamma)$ and ${}^{103}\text{Rh}(n,\gamma)$ Cross Sections Above 2.6 keV

Keyword abstract: NUCLEAR REACTIONS ${}^{100, 101, 102, 104}\text{Ru}$, ${}^{103}\text{Rh}(n,\gamma)$, $E=2-700$ keV; measured σ . ${}^{101, 102, 103, 105}\text{Ru}$, ${}^{104}\text{Rh}$ deduced resonances, strength functions, $\Gamma\gamma$. Breit-Wigner analysis.

Keynumber: 1979PO05

Reference: Yad.Fiz. 29, 561 (1979); Sov.J.Nucl.Phys. 29, 285 (1979)

Authors: A.B.Popov, K.Tshetsyak, Hwan Cher Gu

Title: Parameters of Ru Neutron Resonances

Keyword abstract: NUCLEAR REACTIONS ${}^{99, 101}\text{Ru}(n,X)$, (n,γ) , $E=57.13-1035.0$ eV; measured σ . ${}^{100, 102}\text{Ru}$ resonances deduced mean spacing, S-wave, strength function.

Keynumber: 1978POZQ

Coden: REPT JINR-P3-11752, A B Popov

Keyword abstract: NUCLEAR REACTIONS Ru , ${}^{99, 101}\text{Ru}(n,n)$, (n,γ) , $E=0-1$ keV; measured σ . ${}^{100}\text{Ru}$, ${}^{102}\text{Ru}$ deduced neutron resonance parameters.

Keynumber: 1977II01

Reference: J.Nucl.Sci.Technol. 14, 161 (1977)

Authors: S.Iijima, T.Nakagawa, Y.Kikuchi, M.Kawai, H.Matsunobu, K.Maki, S.Igarasi

Title: Evaluation of Neutron Cross Section of 27 Fission Product Nuclides Important for Fast Reactor

Keyword abstract: NUCLEAR REACTIONS ${}^{93}\text{Zr}$, ${}^{95, 97}\text{Mo}$, ${}^{99}\text{Tc}$, ${}^{101, 102, 104, 106}\text{Ru}$, ${}^{103}\text{Rh}$, ${}^{105, 107}\text{Pd}$, ${}^{109}\text{Ag}$, ${}^{129}\text{I}$, ${}^{131}\text{Xe}$, ${}^{133, 135, 137}\text{Cs}$, ${}^{143, 144, 145}\text{Nd}$, ${}^{144}\text{Ce}$, ${}^{147}\text{Pm}$, ${}^{147, 149, 151}\text{Sm}$, ${}^{153, 155}\text{Eu}$ (n,n) , (n,γ) , (n,n') , (n,X) , $E=\text{th-15 MeV}$; calculated σ .

Keynumber: 1975HOZI

Coden: JOUR BAPSA 20 560 AN9

Keyword abstract: NUCLEAR REACTIONS ^{145}Nd , ^{149}Sm , 101 , 102 , $^{104}\text{Ru}(n,\gamma)$, $E=20$ eV-150 keV; measured σ . ^{146}Nd , ^{150}Sm , 102 , 103 , ^{105}Ru deduced level spacing.

Keynumber: 1974RI03

Reference: Phys.Rev. C9, 1978 (1974)

Authors: K.Rimawi, J.B.Garg, R.E.Chrien, G.W.Cole, O.A.Wasson

Title: Radiative Decay of Neutron Resonant States in Ruthenium

Keyword abstract: NUCLEAR REACTIONS 99 , $^{101}\text{Ru}(n,\gamma)$, $E=0.0253$ -230 eV; measured $\sigma(E,E\gamma)$. 100 , ^{102}Ru deduced levels, J,π , resonance parameters.

Keynumber: 1973RIYZ

Coden: REPT BNL-18276,K Rimawi

Keyword abstract: NUCLEAR REACTIONS 99 , $^{101}\text{Ru}(n,\gamma)$; measured $\sigma(E,E\gamma)$, $I\gamma$. 100 , ^{102}Ru deduced levels, J,π , level-width.

Keynumber: 1973RIYQ

Coden: REPT USNDC-7 P33

Keyword abstract: NUCLEAR REACTIONS 99 , $^{101}\text{Ru}(n,\gamma)$; measured σ . 100 , ^{102}Ru deduced resonances, level-width.

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: 1971SCYJ

Coden: REPT HEDL-TME-71-143,R Schenter,11/20/72

Keyword abstract: NUCLEAR REACTIONS ^{83}Kr , ^{95}Zr , ^{95}Nb , 95 , 97 , 98 , 99 , ^{100}Mo , 101 , 102 , 103 , 104 , 105 , ^{106}Ru , ^{105}Rh , 105 , 106 , 107 , ^{109}Pd , ^{113}Cd , 131 , ^{135}I , 131 , ^{133}Xe , 135 , ^{137}Cs , $^{139}\text{La}(n,X)$, (n,γ) , (n,n) , (n,n') , $E < 10$ MeV; analyzed $\sigma(E)$; evaluated capture σ .