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9 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: 1988COZU

Reference: Priv.Comm. (1988)

Authors: G.Colvin

Title:

Keyword abstract: NUCLEAR REACTIONS ${}^{99}\text{Ru}(n,\gamma)$, E not given; measured not given. ${}^{100}\text{Ru}$ deduced levels, $I(\gamma)$.

Keynumber: 1988CO18

Reference: J.Phys.(London) G14, 1411 (1988)

Authors: G.G.Colvin, S.J.Robinson, F.Hoyler

Title: ${}^{100}\text{Ru}$ Studied by Thermal Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ${}^{99}\text{Ru}(n,e^-)$, (n,γ) , $E=\text{thermal}$; measured $I(\text{ce})$, $E(\gamma)$, $I(\gamma)$. ${}^{100}\text{Ru}$ deduced levels, $J,\pi, ICC, B(\lambda)$, ratios, neutron separation energy. Model calculations.

Keyword abstract: NUCLEAR STRUCTURE ${}^{100}\text{Ru}$; calculated levels, $B(\lambda)$ ratios. Interacting boson model.

Keynumber: 1982CO15

Reference: Nucl.Phys. A385, 301 (1982)

Authors: C.Coceva, P.Giacobbe

Title: Spectroscopy of ${}^{100}\text{Ru}$ and ${}^{102}\text{Ru}$ by Resonance Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ${}^{99}\text{Ru}(n,\gamma)$, $E=10.05, 25.22, 57.11, 81.62, 198.9$ eV; ${}^{101}\text{Ru}(n,\gamma)$, $E=15.9, 42.28, 52.13, 61.81, 66.82, 112.5, 197.3$ eV; measured $E\gamma, I\gamma$. ${}^{100}, {}^{102}\text{Ru}$ deduced levels, J,π . Natural Ru target.

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: 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 $^{99, 101}\text{Ru}(n,\gamma)$, $E=0.0253\text{-}230$ eV; measured $\sigma(E,E\gamma)$. $^{100, 102}\text{Ru}$ 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 $\sigma(E,E\gamma), I\gamma$. $^{100, 102}\text{Ru}$ 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 . $^{100, 102}\text{Ru}$ deduced resonances, level-width.