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5 reference(s) found :

Keynumber: 1986HI05

Reference: J.Radioanal.Nucl.Chem. 105, 351 (1986)

Authors: P.Z.Hien, T.K.Mai, T.X.Quang, T.N.Thuy

Title: Determination of k_0 -Factors by Thermal Neutron Activation Technique

Keyword abstract: NUCLEAR REACTIONS ^{27}Al , ^{26}Mg , ^{51}V , ^{55}Mn , ^{56}Fe , ^{64}Ni , ^{59}Co , ^{63}Cu , ^{109}Ag , ^{196}Au , $^{202}\text{Hg}(n,\gamma)$, E=thermal; measured composite nuclear constant. Activation technique.

Keynumber: [1985BE32](#)

Reference: Phys.Rev. C32, 738 (1985)

Authors: H.Beer, R.L.Macklin

Title: ^{198}Au , ^{199}Au , ^{200}Au , ^{201}Au , ^{202}Au , $^{204}\text{Hg}(n,\gamma)$ Cross Sections and the Termination of s-Process Nucleosynthesis

Keyword abstract: NUCLEAR REACTIONS ^{198}Au , ^{199}Au , ^{200}Au , ^{201}Au , ^{202}Au , $^{204}\text{Hg}(n,\gamma)$, E=2.6-500 keV; measured capture $\sigma(E)$, γ yields; deduced astrophysical s-process termination, n-process nucleosynthesis age, Maxwellian averaged σ . ^{199}Au , ^{200}Au , ^{201}Au , ^{202}Au , ^{203}Au , ^{205}Hg deduced resonances, $\Gamma\gamma$, $(g\Gamma n)$, $(g\Gamma n\Gamma\gamma)/\Gamma$, strength functions.

Keynumber: 1979AG02

Reference: J.Phys.Soc.Jpn. 46, 1 (1979)

Authors: H.M.Agrawal, M.L.Sehgal

Title: Statistical Theory Calculations of Neutron-Capture Cross-Sections at 24 keV

Keyword abstract: NUCLEAR REACTIONS ^{45}Sc , ^{55}Mn , ^{63}Cu , ^{65}Cu , ^{69}Ga , ^{71}Ga , ^{75}As , ^{79}Br , ^{81}Br , ^{80}Se , ^{85}Rb , ^{87}Rb , ^{89}Y , ^{93}Nb , ^{96}Zr , ^{98}Zr , ^{100}Mo , ^{107}Ag , ^{109}Ag , ^{108}Pd , ^{114}Cd , ^{115}In , ^{127}I , ^{133}Cs , ^{138}Ba , ^{139}La , ^{140}Ce , ^{142}Ce , ^{141}Pr , ^{152}Sm , ^{154}Sm , ^{158}Gd , ^{160}Gd , ^{164}Dy , ^{165}Ho , ^{170}Er , ^{175}Lu , ^{180}Hf , ^{181}Ta , ^{184}W , ^{186}W , ^{185}Re , ^{187}Re , ^{197}Au , ^{202}Hg , ^{208}Pb , ^{209}Bi , $^{232}\text{Th}(n,\gamma)$, E=24 keV; calculated σ ; deduced ratio of average $\Gamma\gamma$ to average level spacing. Margolis formula of statistical theory, low energy resonance parameters.

Keynumber: 1974SI11

Reference: Ann.Phys.(New York) 83, 355 (1974)

Authors: K.Siddappa, M.S.Murty, J.R.Rao

Title: Neutron Strength Functions of Nuclei in the Deformed Region

Keyword abstract: NUCLEAR REACTIONS ^{138}Ba , ^{140}Ce , ^{142}Ce , ^{146}Nd , ^{148}Nd , ^{152}Sm , ^{154}Sm , ^{158}Gd , ^{160}Gd , ^{159}Tb , ^{169}Tm , ^{170}Er , ^{174}Yb , ^{176}Yb , ^{180}Hf , ^{181}Ta , ^{186}W , ^{190}Os , ^{192}Os , ^{197}Au , $^{202}\text{Hg}(n,\gamma)$, E=18-28 keV; measured σ ; deduced p-wave strength functions.

Reference: Can.J.Phys. 52, 1160 (1974)

Authors: B.Singh, M.W.Johns

Title: Spin Determinations in Low Lying States of ^{151}Sm

Keyword abstract: RADIOACTIVITY ^{151}Pm ; measured $\gamma\gamma(\theta)$, I_γ . ^{151}Sm levels deduced J, π , γ -mixing, λ .

Keynumber: 1973SI45

Reference: Nuovo Cim. 18A, 48 (1973)

Authors: K.Siddappa, M.Sriramachandra Murty, J.Rama Rao

Title: Neutron Activation Cross-Sections in Rare Earths and Heavier Nuclei

Keyword abstract: NUCLEAR REACTIONS ^{138}Ba , 140 , ^{142}Ce , 146 , ^{148}Nd , ^{160}Gd , ^{165}Ho , ^{180}Hf , ^{181}Ta , ^{190}Os , ^{197}Au , $^{202}\text{Hg}(n,\gamma), E=23\text{ keV}$; measured σ .
