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18 reference(s) found :

Keynumber: 1998GR02
Reference: Yad.Fiz. 61, No 1, 29 (1998); Phys.Atomic Nuclei 61, 24 (1998)
Authors: O.T.Grudzevich
Title: Isomeric Ratios for Radiative Neutron Capture
Keyword abstract: NUCLEAR REACTIONS ^{59}Co, ^{80}Se, ^{89}Y, ^{79}Br, ^{85}Rb, ^{103}Rh, ^{151}Eu, ^{115}In, ^{187}Re (n,γ),E=0-14 MeV; analyzed isomer production ratios. Cascade-evaporation model analysis.

Keynumber: 1998CAZO
Reference: INDC(CPR)-047/L, p.70 (1998)
Authors: C.Cai, Q.Shen
Title: Calculation of Complete Data for n + ^{85,87,Nat}Rb in E_n = 0.001 ϑ 20 MeV
Keyword abstract: NUCLEAR REACTIONS Rb, ^{85}, ^{87}Rb(n,n), (n,n'), (n,γ), (n,p), (n,α), (n,t), (n,2n),E <20 MeV; calculated σ. Comparisons with data.

Keynumber: 1997KA47
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Authors: S.I.Kafala, T.D.MacMahon, S.B.Borzakov
Title: Neutron Activation for Precise Nuclear Data
Keyword abstract: NUCLEAR REACTIONS ^{45}Sc, ^{50}Cr, ^{59}Co, ^{64}Zn, ^{75}As, ^{85}Rb, ^{113}In, ^{121}, ^{123}Sb, ^{130}Ba, ^{133}Cs, ^{139}La, ^{140}, ^{142}Ce, ^{146}Nd, ^{151}, ^{153}Eu, ^{152}Gd, ^{152}Sm, ^{159}Tb, ^{165}Ho, ^{174}Yb, ^{180}Hf, ^{181}Ta, ^{186}W, ^{232}Pa, ^{238}Np(n,γ),E=reactor; measured Eγ,Iγ; deduced capture σ,resonance integral,least-squares fit parameters. Multi-element standard.

Keynumber: 1989BE15
Reference: Astrophys.J. 339, 962 (1989)
Authors: H.Beer, R.L.Macklin
Title: Measurement of the ^{85}Rb and ^{87}Rb Capture Cross Sections for s-Process Studies
Keyword abstract: NUCLEAR REACTIONS ^{85}, ^{87}Rb(n,γ),E=175 eV-700 keV; measured capture σ (E); deduced solar s-process abundances.

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Authors: M.Ohkubo, M.Mizumoto, Y.Kawarasaki
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Keyword abstract: NUCLEAR REACTIONS ^{85}Rb(n,X), (n,γ),E <18.5 keV; ^{87}Rb(n,X), (n,γ),E <48.6 keV; measured transmission,σ(E). ^{86}, ^{88}Rb deduced resonances,J,Γγ, (gΓn),<Γγ><D >s-wave strength function.

Keynumber: 1983WAZQ
Reference: NEANDC(E)-242U, Vol.V, p.7 (1983)
Authors: G.Walter, H.Beer
Title: Neutron Capture Cross Sections at 25 keV by the Activation Method
Keyword abstract: NUCLEAR REACTIONS ^{71}Ga, ^{75}As, ^{79}, ^{81}Br, ^{86}Kr, ^{85}, ^{87}Rb(n,γ),E=25 keV; measured Maxwellian averaged σ. Gold standard.

Keynumber: 1983AH01
Reference: Ann.Nucl.Energy 10, 41 (1983)
Authors: A.Ahmad
Title: Analysis and Evaluation of Thermal and Resonance Neutron Activation Data
Keyword abstract: NUCLEAR REACTIONS ^{45}Sc, ^{50}Ti, ^{50}Cr, ^{51}V, ^{55}Mn, ^{58}Fe, ^{59}Co, ^{74}Se, ^{85}Rb, ^{94}, ^{96}Zr, ^{123}Sb, ^{130}Ba, ^{133}Cs, ^{139}La, ^{140}Ce, ^{159}Tb, ^{180}Hf, ^{181}Ta, ^{197}Au(n,γ),E=thermal,epithermal; analyzed data. Generalized least-squares fit.

Keynumber: 1981AR22
Reference: Yad.Fiz. 34, 1028 (1981)
Authors: L.Ya.Arifov, B.S.Mazitov, V.G.Ulanov
Title: Relative Probability of Isomer Population in Radiative Capture
Keyword abstract: NUCLEAR REACTIONS ^{45}Sc, ^{59}Co, ^{68}, ^{70}Zn, ^{74}, ^{76}Ge, ^{80}, ^{82}Se, ^{84}Kr, ^{85}Rb, ^{84}Sr, ^{89}Y, ^{103}Rh, ^{108}, ^{110}Pd, ^{109}Ag, ^{114}Cd, ^{113}, ^{115}In, ^{112}, ^{120}, ^{122}, ^{124}Sn, ^{121}Sb, ^{120}, ^{126}, ^{128}, ^{130}Te, ^{133}Cs, ^{132}Ba, ^{136}, ^{138}Ce, ^{151}Eu, ^{164}Dy, ^{181}Ta, ^{184}W, ^{187}Re, ^{190}Os, ^{191}Ir, ^{196}Pt, ^{196}Hg (n,γ),E=thermal,0.2-2.8 MeV; ^{92}Mo(p,γ),E=1.8-7.4 MeV; analyzed σ(capture) isomer ratio vs E. Statistical theory.

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

Keynumber: 1978SIZQ
Coden: REPT CEA-N-2037,P101,Simon
Keyword abstract: NUCLEAR REACTIONS ^{85}Rb, ^{133}Cs, ^{159}Tb, ^{176}Lu, ^{181}Ta(n,γ),E=0.00001 eV-20 MeV; evaluated σ. RESEND,parameters of revised ENDF/B IV file.

Keynumber: 1973MU20
Reference: Nucl.Phys. A213, 35 (1973)
Authors: M.Sriramachandra Murty, K.Siddappa, J.Rama Rao
Title: Structure of 3P Size Resonance in Neutron Strength Functions
Keyword abstract: NUCLEAR REACTIONS ^{63}Cu, ^{68}Zn, ^{74}, ^{80}Se, ^{81}Br, ^{85}, ^{87}Rb, ^{96}, ^{102}, ^{104}Ru, ^{98}, ^{100}Mo, ^{108}Pd, ^{109}Ag, ^{113}, ^{115}In, ^{121}, ^{123}Sb, ^{133}Cs, ^{138}Ba, ^{140}Ce(n,γ),E=18-28 keV; measured σ,extracted p-wave neutron strength function.

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}Tb(n,γ); calculated σ(E).

Keynumber: 1972LA15
Reference: Phys.Rev. C6, 572 (1972)
Authors: A.Lakshmana Rao, J.Rama Rao
Title: Isomer Ratios in (n,γ) Reactions at 25 keV
Keyword abstract: NUCLEAR REACTIONS ^{74}Ge, ^{79}Br, ^{80}Se, ^{85}Rb, ^{103}Rh, ^{121}Sb, ^{151}Eu, ^{164}Dy (n,γ),E=25 keV; measured σ,isomeric ratio.

Keynumber: 1970RAZU
Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P19
Keyword abstract: NUCLEAR REACTIONS ^{74}Ge, ^{85}Rb, ^{110}Pd, ^{116}Cd, ^{121}Sb, ^{124}Sn, ^{151}Eu, ^{196}Pt (n,γ),E=25 keV; measured σ,isomeric σ ratios.

Keynumber: 1970DU13
Reference: J.Nucl.Energy 24, 181 (1970)
Authors: N.D.Dudey, R.R.Heinrich, A.A.Madson
Title: Reaction Cross Sections of ^{85}Rb(n,γ)^{86m}Rb, ^{87}Rb(n,γ)^{88}Rb, and ^{89}Y(n,γ)^{90m}Y between 0.16 MeV and 1.5 MeV
Keyword abstract: NUCLEAR REACTIONS ^{85}, ^{87}Rb, ^{89}Y(n,γ),E=0.16-1.5 MeV; measured activation σ(E).

Keynumber: 1969RI13
Reference: Can.J.Phys. 47, 2031 (1969)
Authors: M.D.Ricabarra, R.Turjanski, G.H.Ricabarra
Title: Neutron Activation Resonance Integrals of ^{64}Zn, ^{68}Zn, ^{85}Rb, ^{100}Mo, ^{102}Ru, ^{113}In, ^{123}Sb, and ^{180}Hf
Keyword abstract: NUCLEAR REACTIONS ^{64}, ^{68}Zn, ^{85}Rb, ^{100}Mo, ^{102}Ru, ^{113}In, ^{123}Sb, ^{180}Hf(n,γ), E = resonance, thermal; measured activation resonance integral/thermal activation σ.

Keynumber: 1968IR02
Reference: Compt.Rend. 267B, 1358 (1968)
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Title: Intensites et Energies des Raies γ dans la Reaction Rb(n,γ)Rb
Keyword abstract: NUCLEAR REACTIONS ^{85}Rb(n,γ),E=0.058 eV; measured Eγ,Iγ; deduced Q. ^{86}Rb deduced levels,J,π. Ge(Li) detector, natural target.

Keynumber: 1967RA24
Reference: Proc.Intern.Conf.Atomic Masses, 3rd, Winnipeg, Canada, R.C.Barber, Ed., Univ.Manitoba Press, p.278(1967)
Authors: N.C.Rasmussen, V.J.Orphan, Y.Hukai
Title: Determination of (n,γ) Reaction Q Values from Capture γ-Ray Spectra
Keyword abstract: NUCLEAR REACTIONS ^{6}Li, ^{7}Li, ^{9}Be, ^{10}B, ^{12}C, ^{14}N, ^{19}F, ^{23}Na, ^{24}Mg, ^{25}Mg, ^{26}Mg, ^{27}Al, ^{28}Si, ^{31}P, ^{32}S, ^{35}Cl, ^{40}Ca, ^{45}Sc, ^{48}Ti, ^{51}V, ^{55}Mn, ^{54}Fe, ^{56}Fe, ^{59}Co, ^{58}Ni, ^{60}Ni, ^{63}Cu, ^{65}Cu, ^{66}Zn, ^{67}Zn, ^{73}Ge, ^{76}Se, ^{85}Rb, ^{87}Rb, ^{89}Y, ^{93}Nb, ^{103}Rh, ^{113}Cd, ^{123}Te, ^{133}Cs, ^{139}La, ^{141}Pr, ^{149}Sm, ^{153}Eu,

^{157}Gd, ^{159}Tb, ^{165}Ho, ^{167}Er, ^{169}Tm, ^{181}Ta, ^{182}W, ^{195}Pt, ^{197}Au, ^{199}Hg, ^{203}Tl, ^{207}Pb(n,γ), E = thermal; measured Eγ; deduced Q. Natural targets.
