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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: **1996JA07**
Reference: Phys.Rev. C53, 2474 (1996)
Authors: S.Jaag, F.Kappeler
Title: Moxon-Rae Setup for the Measurement of Stellar (n,γ) Rates and the Example of ^{87}Rb
Keyword abstract: NUCLEAR REACTIONS ^{87}Rb(n,γ),E=10-100 keV; measured σ(E); deduced Maxwellian averaged σ(E).

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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.

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.

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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: 1976SC16
Reference: Nucl.Phys. A264, 105 (1976)
Authors: O.Schwerer, M.Winkler-Rohatsch, H.Warhanek, G.Winkler
Title: Measurement of Cross Sections for 14 MeV Neutron Capture
Keyword abstract: NUCLEAR REACTIONS ^{37}Cl, ^{41}K, ^{50}Ti, ^{51}V, ^{55}Mn, ^{71}Ga, ^{87}Rb, ^{89}Y, ^{127}I,

^{130}Te, ^{138}Ba, ^{139}La, ^{142}Ce, ^{186}W, ^{198}Pt, ^{197}Au(n,γ),E=14.6 MeV; measured σ. Natural targets.

Keynumber: 1973SCYA
Coden: REPT INDC(SEC)-36/L P8
Keyword abstract: NUCLEAR REACTIONS ^{26}Mg, ^{37}Cl, ^{41}K, ^{55}Mn, ^{71}Ga, ^{81}Br, ^{87}Rb, ^{100}Mo, ^{115}In, ^{127}I, ^{133}Cs, ^{138}Ba, ^{139}La, ^{142}Ce, ^{181}Ta, ^{198}Pt(n,γ); measured σ.

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: 1973MU09
Reference: J.Phys.Soc.Jap. 35, 8 (1973)
Authors: M.S.Murty, K.Siddappa, J.Rama Rao
Title: Capture Cross Sections of Intermediate Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{59}Co, ^{68}Zn, ^{86}Sr, ^{87}Rb, ^{96}, ^{102}, ^{104}Ru, ^{98}, ^{100}Mo, ^{113}, ^{115}In, ^{122}Sn, ^{133}Cs(n,γ),E=24 keV; measured capture σ.

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: 1973HAYX
Reference: ANCR-1129, p.3 (1973)
Authors: Y.D.Harker, R.G.Nisle, E.H.Turk, J.R.Berreth
Title: Integral Capture Cross Section Measurements of Fission Product Isotopes (CFRMF)
Keyword abstract: NUCLEAR REACTIONS ^{87}Rb, ^{99}Tc, ^{102}, ^{104}Ru, ^{115}In, ^{121}, ^{123}Sb, ^{127}I, ^{132}, ^{134}Xe, ^{133}Cs, ^{141}Pr, ^{147}Pm, ^{148}, ^{150}Nd, ^{152}, ^{154}Sm(n,γ),E=reactor spectrum; measured σ.

Keynumber: 1971HAXS
Coden: REPT V D Harker,NCSAC-42, P5,5/19/72
Keyword abstract: NUCLEAR REACTIONS ^{87}Rb, ^{102}, ^{104}Ru, ^{121}, ^{123}Sb, ^{127}I, ^{148}, ^{150}Nd(n,γ),E= pile; measured integral σ.

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: 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.
