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33 reference(s) found :

Keynumber: 2001DE25
Reference: J.Radioanal.Nucl.Chem. 248, 103 (2001)
Authors: F.De Corte, S.Van Lierde
Title: Evaluation of (n,γ) Cross Sections from k_0-Factors for Radionuclides with a Short Half-Life and/or a Complex Activation-Decay Scheme
Keyword abstract: NUCLEAR REACTIONS ^{19}F, ^{40}Ar, ^{59}Co, ^{70}Zn, ^{76}Se, ^{79}Br, ^{103}Rh, ^{108}Pd, ^{109}Ag, ^{121}, ^{123}Sb, ^{133}Cs, ^{178}Hf, ^{198}Pt, ^{204}Hg(n,γ),E=thermal; measured activation σ. Comparisons with previous results.

Keynumber: 1999VA07
Reference: Nucl.Instrum.Methods Phys.Res. A422, 874 (1999)
Authors: S.Van Lierde, F.De Corte, D.Bossus, R.van Sluijs, S.Pomme
Title: Determination of k_0 and Related Nuclear Data for Short-Lived Radionuclides to be used in KAYZERO-NAA at DSM Research
Keyword abstract: NUCLEAR REACTIONS ^{19}F, ^{70}Zn, ^{76}Se, ^{79}Br, ^{103}Rh, ^{108}Pd, ^{109}Ag, ^{123}Sb, ^{178}Hf, ^{204}Hg(n,γ),E=reactor; measured Eγ,Iγ; deduced k_0 for neutron activation analysis.

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.

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Reference: Proc.9th Intern.Symposium on Capture Gamma-Ray Spectroscopy and Related Topics, Budapest, Hungary, October 1996, G.L.Molnar, T.Belgya, Zs.Revay, Eds., Vol.1, p.392 (1997)
Authors: A.V.Murzin, A.M.Shkarupa, Ye.P.Kadkin, I.Ye.Kravchenko
Title: Radiative and Neutron Strength Functions Investigations in ARC Measurements
Keyword abstract: NUCLEAR REACTIONS ^{79}Br, ^{155}Gd, ^{187}Os(n,γ),E=2-132 keV; analyzed data. ^{80}Br, ^{156}Gd, ^{188}Os deduced E1 radiative strength functions energy dependence. Average resonance capture technique.

Keynumber: 1994KR20
Reference: Fiz.Elem.Chastits At.Yadra 25, 1444 (1994); Sov.J.Part.Nucl 25, 612 (1994)
Authors: P.A.Krupchitsky
Title: Parity Violation in Nuclear Reactions with Polarized Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{2}, ^{1}H, ^{35}Cl, ^{57}Fe, ^{79}, ^{81}Br, ^{111}, ^{113}Cd, ^{117}Sn, ^{139}La, ^{207}Pb(polarized n,γ),E=thermal,resonance; compiled,reviewed parity violation data,analyses; deduced dominant mechanism.

Keynumber: 1994BI18
Reference: J.Radioanal.Nucl.Chem. 183, 313 (1994)
Authors: S.Biegalski, S.Landsberger

Title: Neutron Activation Analysis Correction for the Calculation of Bromine Concentrations Via the ^{79}Br(n,γ)^{80}Br Reaction

Keyword abstract: NUCLEAR REACTIONS ^{79}Br(n,γ),E not given; analyzed neutron activation analysis corrections role in Bromine concentration studies.

Keynumber: 1988MA24
Reference: Nucl.Sci.Eng. 99, 133 (1988)
Authors: R.L.Macklin
Title: Neutron Capture by ^{79}Br, ^{81}Br, and ^{75}As
Keyword abstract: NUCLEAR REACTIONS $^{79,\ 81}$Br, ^{75}As(n,γ),E $\leq$ 700 keV; measured capture σ(E); deduced Maxwellian <s> ^{76}As deduced resonances, (gΓn$\Gamma\gamma$)/Γ,Γ. $^{80,\ 82}$Br deduced resonances,J,π,Γ, (gΓn$\Gamma\gamma$)/Γ.

Keynumber: **1986KR16**
Reference: Phys.Rev. C34, 2103 (1986)
Authors: B.Krusche, K.P.Lieb
Title: Dipole Transition Strengths and Level Densities A $\leq$ 80 Odd-Odd Nuclei Obtained from Thermal Neutron Capture
Keyword abstract: NUCLEAR REACTIONS ^{19}F, ^{23}Na, ^{27}Al, ^{31}P, ^{35}Cl, $^{39,\ 41}$K, ^{45}Sc, ^{55}Mn, ^{59}Co, $^{63,\ 65}$Cu, ^{71}Ga, ^{75}As, ^{79}Br(n,γ),E=thermal; analyzed data. ^{20}F, ^{24}Na, ^{28}Al, ^{32}P, ^{36}Cl, $^{40,\ 42}$K, ^{46}Sc, ^{56}Mn, ^{60}Co, $^{64,\ 66}$Cu, ^{72}Ga, ^{76}As, ^{80}Br deduced primary E1,M1 transition strengths,level density parameters. Bethe,constant temperature Fermi gas models.

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: 1982VE10
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Authors: V.A.Vesna, E.A.Kolomensky, V.M.Lobashev, A.N.Pirozhkov, L.M.Smotritsky, N.A.Titov
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Keynumber: 1981OH09
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Authors: M.Ohkubo, Y.Kawarasaki, M.Mizumoto
Title: Neutron Resonance Parameters of Bromine-79 and Bromine-81
Keyword abstract: NUCLEAR REACTIONS $^{79,\ 81}$Br(n,γ), (n,X),E=0.05-10 keV; measured transmission,Eγ,Iγ. $^{80,\ 82}$Br deduced <$\Gamma\gamma$ >average level spacing,resonances,resonance parameters,s-wave strength functions. Area analysis,Monte Carlo calculation.

Keynumber: 1979PIZR
Reference: Priv.Comm., quoted by 81PO02, unpublished (1979)

Authors: J.A.Pinston

Title:

Keyword abstract: NUCLEAR REACTIONS ^{76}Ge(^{7}Li,3n), ^{79}Br(n,γ),E not given; measured not abstracted. ^{80}Br deduced levels,γ-branching,J,π,configurations.

Keynumber: 1979OHZZ

Reference: NEANDC(J)-61/U, p.5 (1979)

Authors: M.Ohkubo, Y.Kawarasaki, M.Mizumoto

Title: Neutron Resonance Parameters of ^{79}Br and ^{81}Br up to 15 keV

Keyword abstract: NUCLEAR REACTIONS $^{79, 81}$Br(n,X), (n,γ),E<5 keV; measured σ. $^{80, 82}$Br levels deduced resonance parameters. ^{6}Li-glass,Moxon-Rae detectors. Atta-Harvey,Monte-Carlo analyses.

Keynumber: 1979OHZW

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Authors: M.Ohkubo, Y.Kawarasaki, M.Mizumoto

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Keyword abstract: NUCLEAR REACTIONS $^{79, 81}$Br(n,X), (n,γ),E <15 MeV; measured σ. $^{80, 82}$Br deduced resonances,S-wave strength functions. Monte Carlo analysis.

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 $\Gamma\gamma$ to average level spacing. Margolis formula of statistical theory, low energy resonance parameters.

Keynumber: 1978DO06

Reference: Z.Phys. A286, 107 (1978)

Authors: Do Huu Phuoc, R.Chery, H.G.Borner, W.F.Davidson, J.A.Pinston, R.Roussille, K.Schreckenbach, H.R.Koch, H.Seyfarth, D.Heck

Title: Study of the Level Structures of ^{80}Br and ^{82}Br Using the Thermal Neutron Capture Reaction

Keyword abstract: NUCLEAR REACTIONS $^{79, 81}$Br(n,γ),E=th; measured Eγ,Iγ,I(ce),$\gamma\gamma$-coin; deduced Q. $^{80, 82}$Br deduced levels,J,π,λ,neutron binding energy. Enriched target,bent-crystal,Ge(Li),β-spectrometers.

Keynumber: 1977PHZX

Coden: CONF Tokyo (Nucl Structure),Proc,Vol1,P298,Phuoc

Keyword abstract: NUCLEAR REACTIONS $^{79, 81}$Br(n,γ), $^{80, 82}$Se(p,nγ); measured $\gamma\gamma$-,nγ-coin,$\gamma(\theta)$. $^{80, 82}$Br deduced levels.

Keynumber: 1977PHZW

Coden: REPT KFA-IKP-10/77,P52,Phuoc

Keyword abstract: NUCLEAR REACTIONS $^{79, 81}$Br(n,γ); measured γ,ce spectra. $^{80, 82}$Br deduced

levels.

Keynumber: 1977PHZT
Coden: REPT KFK-2504,P60,Phuoc
Keyword abstract: NUCLEAR REACTIONS ^{79}, ^{81}Br(n,γ),E=thermal; measured σ(Eγ),$\gamma\gamma$-coin,E(Ce). ^{80}, ^{82}Br deduced levels,J. Isotopically separated targets.

Keynumber: 1977DOZY
Coden: JOUR VDPEA No6/1977,846,A4-4,Do
Keyword abstract: NUCLEAR REACTIONS ^{79}, ^{81}Br(n,γ),E=th; measured Eγ,Iγ,I(ce),$\gamma\gamma$-coin. ^{80}, ^{82}Br deduced levels,J,π.

Keynumber: 1977DOZP
Reference: Thesis, Univ.Claude Bernard,Lyon (1977); LYCEN-7736 (1977)
Authors: H.-P.Do
Title: Etude Spectroscopique des Isotopes de ^{80}Br par les Reactions (n,γ) et (p,nγ)
Keyword abstract: NUCLEAR REACTIONS ^{79}, ^{81}Br(n,γ),E=thermal; measured Eγ,Iγ,I(ce),$\gamma\gamma$-coin; ^{80}, ^{82}Se(p,nγ),E not given; measured Eγ,Iγ,$\gamma\gamma$(t),γ(θ). ^{80}, ^{82}Br deduced levels,J,π,T$_{1/2}$. Shell,deformed nucleus models.

Keynumber: 1977DEZN
Coden: JOUR VDPEA No6/1977,844,A4-1,de Boer
Keyword abstract: NUCLEAR REACTIONS ^{79}, ^{81}Br, ^{107}Ag(n,γ); measured γ-spectra,CP.

Keynumber: 1974GIZN
Reference: Thesis, Carleton Univ. (1972); Diss.Abst.Int. 34B, 5613 (1974)
Authors: D.R.Gill
Title: Isomeric Ratios in ^{69}Zn, ^{80}Br, ^{81}Se and ^{165}Dy
Keyword abstract: NUCLEAR REACTIONS ^{68}Zn, ^{79}Br, ^{80}Se, ^{164}Dy(n,γ); measured isomeric state ratios.

Keynumber: 1973SCXT
Coden: REPT HEDL-TME-73-79,F Schmittroth
Keyword abstract: NUCLEAR REACTIONS ^{63}, ^{65}Cu, ^{75}As, ^{79}Br, ^{107}Ag, ^{115}In, ^{71}Ga, ^{103}Rh, ^{127}I, ^{165}Ho, ^{193}Ir, ^{197}Au(n,γ); calculated σ(E).

Keynumber: 1973PE10
Reference: Acta Phys. 33, 363 (1973)
Authors: G.Peto, J.Csikai, G.M.Shuriet, I.Jozsa, V.Asztalos
Title: Average Cross Sections for Pu-α-Be Neutrons; Low-Energy Neutrons from α-n Sources
Keyword abstract: NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{31}P(n,p), ^{77}Se, ^{79}Br, ^{87}Sr, ^{89}Y, ^{111}Cd, ^{115}In, ^{135}, ^{137}Ba, ^{197}Au, ^{199}Hg, ^{204}Pb(n,n'γ), ^{76}Se, ^{79}Br, ^{86}Sr, ^{110}Cd, ^{115}In, ^{127}I, ^{134}, ^{136}Ba, ^{197}Au, ^{198}Hg (n,γ), E <2 MeV; measured σ.

Keynumber: 1973CL08
Reference: Nucl.Phys. A213, 349 (1973)
Authors: R.L.Clarke, D.R.Gill

Title: A New γ-Ray Cascade Model for Isomeric Ratio Calculations

Keyword abstract: NUCLEAR REACTIONS ^{68}Zn, ^{79}Br, ^{80}Se, ^{164}Dy(n,γ)E=0.1-2.5 MeV; measured isomeric ratios(E). calculated isomeric ratios from γ cascade model.

Keynumber: 1973BAZS

Coden: REPT INDC(SEC)-35/L P154

Keyword abstract: NUCLEAR REACTIONS ^{79}Br, ^{80}Se, ^{103}Rh, ^{115}In, ^{133}Cs(n,γ); measured σ. ^{80m}, ^{80}Br, ^{81m}, ^{81}Se, ^{104m}, ^{104}Rh, ^{116m}, ^{116}In, ^{134m}, ^{134}Cs deduced isomeric ratios.

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: 1971RYZZ

Reference: Proc.Int.Conf.Chemical Nuclear Data, Measurements and Applications, Canterbury, England, M.L.Hurrell, Ed., Institution of Civil Engineers, London, p.139 (1971)

Authors: T.B.Ryves

Title: Thermal Neutron Capture Cross Section Measurements at the NPL

Keyword abstract: NUCLEAR REACTIONS ^{23}Na, ^{26}Mg, ^{27}Al, ^{30}Si, ^{37}Cl, ^{41}K, ^{50}Ti, ^{51}V, ^{58}Fe, ^{64}Ni, ^{63}, ^{65}Cu, ^{69}, ^{71}Ga, ^{75}As, ^{79}, ^{81}Br, ^{89}Y, ^{107}, ^{109}Ag, ^{115}In, ^{121}, ^{123}Sb, ^{127}I, ^{139}La, ^{151}Eu, ^{196}, ^{198}Pt (n,γ),E=thermal; measured σ.

Keynumber: 1971RYZX

Coden: CONF Canterbury(Chem Nucl Data),P139,12/10/72

Keyword abstract: NUCLEAR REACTIONS ^{23}Na, ^{26}Mg, ^{27}Al, ^{30}Si, ^{37}Cl, ^{41}K, ^{50}Ti, ^{51}V, ^{58}Fe, ^{64}Ni, ^{63}, ^{65}Cu, ^{69}, ^{71}Ga, ^{75}As, ^{79}Br, ^{81}Br, ^{89}Y, ^{107}, ^{109}Ag, ^{115}In, ^{121}, ^{123}Sb, ^{127}I, ^{139}La, ^{151}Eu, ^{196}, ^{198}Pt (n,γ),E=thermal; measured σ; deduced resonance integrals.

Keynumber: 1971GU28

Reference: Indian J.Phys. 45, 88 (1971)

Authors: H.V.Gupta, A.K.Chaubey, M.L.Sehgal

Title: Test of Statistical Theory of Nuclear Reactions in the Charge Range from 200 keV to 800 keV

Keyword abstract: NUCLEAR REACTIONS ^{75}As, ^{79}Br, ^{115}In, ^{197}Au(n,γ),E=0.2-0.8 MeV; calculated σ(E). Statistical theory.

Keynumber: 1970GUZU

Coden: CONF Madurai(Nucl,Solid State Phys),Vol2,P33

Keyword abstract: NUCLEAR REACTIONS ^{75}As, ^{79}Br, ^{115}In, ^{197}Au(n,γ),E=200-800 keV; calculated σ(E).

Keynumber: 1965BA14

Reference: Nucl.Phys. 67, 443 (1965)

Authors: J.Bacso, J.Csikai, B.Kardon, D.Kiss

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Keyword abstract: NUCLEAR REACTIONS ^{79}Br(n,γ)^{80}Br, E = thermal to 3.1 MeV; measured isomeric σ ratios. Natural target.