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11 reference(s) found :

Keynumber: 1999ZHZU
Reference: INDC(CPR)-048/L, p.52 (1999)
Authors: S.Zhang, B.Yu, Z.Zhang
Title: Calculation and Analysis of n + ^{69,71}Ga Reaction
Keyword abstract: NUCLEAR REACTIONS ^{69}, ^{71}Ga(n,n), (n,n'), (n,γ), (n,p), (n,α), (n,np), (n,2n), (n,t), (n,nα), ^{71}Ga(n,d), (n,3n),E<0 MeV; calculated σ. Comparison to data. Optical Model Calculations.

Keynumber: 1999ZHZK
Reference: INDC(CPR)-049/L, p.107 (1999)
Authors: S.Zhang, B.Yu
Title: Evaluation of Complete Neutron Nuclear Data for ^{69,71}Ga
Keyword abstract: NUCLEAR REACTIONS ^{69}, ^{71}Ga(n,X), (n,n), (n,n'), (n,γ), (n,p), (n,α), (n,np), (n,d), (n,2n), (n,t), (n,nα), (n,3n),E $\leq$ 20 MeV; compiled, evaluated σ data. Comparison with statistical model calculations.

Keynumber: 1980PIZN
Coden: CONF Kiev(Neutron Physics) Proc,Part3,P270,Pisanko
Keyword abstract: NUCLEAR REACTIONS ^{22}, ^{23}Na,Mg, ^{24}, ^{25}, ^{26}Mg, ^{27}Al,Si, ^{28}, ^{29}, ^{30}Si, ^{31}P,S, ^{32}, ^{33}, ^{34}S,Cl, ^{35}, ^{36}, ^{37}Cl,Ar, ^{36}, ^{38}, ^{40}Ar,K, ^{39}, ^{40}, ^{41}K,Ca, ^{40}, ^{42}, ^{43}, ^{44}, ^{46}, ^{48}Ca, ^{45}, ^{46}Sc,Ti, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti,V, ^{50}, ^{51}V,Cr, ^{50}, ^{52}, ^{53}, ^{54}Cr,Fe, ^{54}, ^{56}, ^{57}, ^{58}Fe, ^{59}Co,Ni, ^{58}, ^{59}, ^{60}, ^{61}, ^{62}, ^{64}Ni,Cu, ^{63}, ^{65}Cu,Zn, ^{64}, ^{66}, ^{67}, ^{68}, ^{70}Zn,Ga, ^{69}, ^{71}Ga(n,γ), (n,n), (n,α),E=thermal; evaluated σ,radiative capture resonance integrals.

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: 1972ST06
Reference: Nucl.Phys. A181, 250 (1972)
Authors: F.Stecher-Rasmussen, J.Kopecky, K.Abrahams, W.Ratynski
Title: Circular Polarization of Neutron Capture γ-Rays from Mn, Ni, Ga and W
Keyword abstract: NUCLEAR REACTIONS ^{55}Mn, ^{58}, ^{60}, ^{62}Ni, ^{69}, ^{71}Ga, ^{182}, ^{183}, ^{186}W(polarized n,γ),E=thermal; measured γ-CP. ^{56}Mn, ^{59}, ^{61}, ^{63}Ni, ^{70}, ^{72}Ga, ^{183}, ^{184}, ^{187}W levels deduced J,π. Natural targets.

Keynumber: 1971ZA09
Reference: Ukr.Fiz.Zh. 16, 1204 (1971)

Authors: G.G.Zarkin, I.A.Korzh, M.V.Pasechnik, N.T.Skylar

Title: Radiative Capture Cross-Sections of High-Speed Neutrons by Isotopes Ga^{69}, Ga^{71}, La^{139} and Pr^{141}

Keyword abstract: NUCLEAR REACTIONS ^{69}, ^{71}Ga, ^{139}La, ^{141}Pr(n,γ),E=0.2-6 MeV; measured σ (E).

Keynumber: 1971VE03
Reference: Phys.Rev. C3, 1570 (1971)
Authors: J.Vervier, H.H.Bolotin

Title: Low-Lying Excited States of Ga^{70} and Ga^{72} Populated in Thermal-Neutron Capture

Keyword abstract: NUCLEAR REACTIONS ^{69}, ^{71}Ga(n,γ),E=thermal; measured Eγ,Iγ; deduced Q. ^{70}, ^{72}Ga deduced levels,γ-branching.

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: 1971RAZF
Reference: INR-1262 (1971)
Authors: W.Ratynski

Title: Circular Polarization of Gamma Rays

Keyword abstract: NUCLEAR REACTIONS ^{27}Al, ^{69}, ^{71}Ga, ^{182}, ^{183}W, ^{186}W(n,γ),E=thermal; measured γ-polarization. ^{28}Al, ^{70}, ^{72}Ga, ^{183}, ^{184}, ^{187}W levels deduced J,π.

Keynumber: 1970LI04
Reference: Ark.Fys. 40, 197 (1970)
Authors: H.Linusson, R.Hardell, S.E.Arnell

Title: Low Lying Energy Levels in Ga^{70} and Ga^{72} Excited in Thermal Neutron Capture Reactions

Keyword abstract: NUCLEAR REACTIONS ^{69}, ^{71}Ga(n,γ), E=thermal; measured Eγ, Iγ; deduced Q. ^{70}, ^{72}Ga deduced levels.