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30 reference(s) found :

Keynumber: 1997VE03
Reference: Appl.Radiat.Isot. 48, 493 (1997)
Authors: L.Venturini, B.R.S.Pecequilo
Title: Thermal Neutron Capture Cross-Section of ^{48}Ti, ^{51}V, ^{50}, ^{52}, ^{53}Cr and ^{58}, ^{60}, ^{62}, ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{48}Ti, ^{51}V, ^{50}, ^{52}, ^{53}Cr, ^{58}, ^{60}, ^{62}, ^{64}Ni(n,γ),E=thermal; measured Eγ,Iγ; deduced capture σ.

Keynumber: 1987LI05
Reference: Chin.J.Nucl.Phys. 9, 21 (1987)
Authors: Liu Zianfeng, Ho Yukun
Title: Non-Statistical Effects in the Radiative Neutron Capture at the 3s Giant Resonance Region
Keyword abstract: NUCLEAR REACTIONS ^{40}Ca, ^{48}Ti, ^{52}Cr, ^{56}Fe, ^{64}Ni, ^{74}Ge(n,γ),E=0.1-3 MeV; calculated σ(E). ^{41}Ca, ^{49}Ti, ^{53}Cr, ^{57}Fe, ^{65}Ni, ^{75}Ge deduced neutron giant resonance strength. Statistical,nonstatistical effects.

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}, ^{202}Hg(n,γ),E=thermal; measured composite nuclear constant. Activation technique.

Keynumber: 1985KO48
Reference: Nucl.Instrum.Methods Phys.Res. B10/11, 1058 (1985)
Authors: K.Koh, R.Finn, P.Smith, E.Tavano, J.Dwyer, H.Sheh
Title: Activation Analysis Utilizing Byproduct Neutrons of Cyclotron Internal Target Runs
Keyword abstract: NUCLEAR REACTIONS ^{58}Ni(n,2n), ^{27}Al(n,α), ^{56}Fe, ^{65}Cu, ^{24}Mg, ^{58}Ni(n,p), ^{23}Na, ^{55}Mn, ^{64}Ni, ^{71}Ga, ^{81}Br, ^{109}Ag, ^{115}In, ^{197}Au(n,γ),E=thermal-14.4 MeV; measured thermal,absorption σ,reaction rates. Neutron activation analysis.

Keynumber: 1985KI09
Reference: J.Nucl.Sci.Technol.(Tokyo) 22, 337 (1985)
Authors: Y.Kikuchi, N.Sekine
Title: Evaluation of Neutron Nuclear Data of Natural Nickel and Its Isotopes
Keyword abstract: NUCLEAR REACTIONS Ni, ^{58}, ^{60}, ^{61}, ^{62}, ^{64}Ni(n,n), (n,n'), (n,γ), (n,2n), (n,3n), (n,p), (n,α), (n,n'p), (n,n'α),E <20 MeV; calculated σ(E); deduced average capture σ(E). Spherical optical,statistical models.

Keynumber: 1984WI16
Reference: Nucl.Sci.Eng. 87, 48 (1984)
Authors: K.Wisshak, F.Kappeler, R.L.Macklin, G.Reffo, F.Fabbri
Title: Neutron Capture in s-Wave Resonances of Nickel-64
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni(n,γ),E=10-56 keV; measured capture γ yield vs E; deduced Maxwellian average σ. ^{65}Ni deduced s-wave resonances Γγ,strength function.

Keynumber: 1983WIZN
Reference: KfK-3582 (1983)
Authors: K.Wisshak, F.Kappeler, R.L.Macklin, G.Reffo, F.Fabbri
Title: Neutron Capture s-Wave Resonances of ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni(n,γ),E=13.9-33.8 keV; measured capture yield vs E. E. ^{65}Ni deduced resonances,Γn,Γγ, (gΓnΓγ/Γ),s-,p-wave strength functions.

Keynumber: 1983WIZK
Reference: NEANDC(E)-242U, Vol.V, p.4 (1983)
Authors: K.Wisshak, F.Kappeler, R.L.Macklin, G.Reffo
Title: Neutron Capture in s-Wave Resonances of ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni(n,γ),E=10-50 keV; measured capture yield vs E. ^{65}Ni deduced s-wave resonance capture Γγ.

Keynumber: 1983SA30
Reference: Aust.J.Phys. 36, 583 (1983)
Authors: D.G.Sargood
Title: Effect of Excited States on Thermonuclear Reaction Rates
Keyword abstract: NUCLEAR REACTIONS,ICPND ^{20}, ^{21}, ^{22}Ne, ^{23}Na, ^{24}, ^{25}, ^{26}Mg, ^{27}Al, ^{28}, ^{29}, ^{30}Si, ^{31}P, ^{32}, ^{33}, ^{34}, ^{36}S, ^{35}, ^{37}Cl, ^{36}, ^{38}, ^{40}Ar, ^{39}, ^{40}, ^{41}K, ^{40}, ^{42}, ^{43}, ^{44}, ^{46}, ^{48}Ca, ^{45}Sc, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti, ^{50}, ^{51}V, ^{50}, ^{52}, ^{53}, ^{54}Cr, ^{55}Mn, ^{54}, ^{56}, ^{57}, ^{58}Fe, ^{59}Co, ^{58}, ^{60}, ^{61}, ^{62}, ^{64}Ni, ^{63}, ^{65}Cu, ^{64}, ^{66}, ^{67}Zn(n,γ), (n,p), (n,α), (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p), ^{70}Zn(p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E=low; compiled target thermal distribution energy state to ground state thermonuclear reaction rate of reaction σ vs temperature. Statistical model.

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: 1978VE06
Reference: Nucl.Phys. A299, 429 (1978)
Authors: R.Vennink, W.Ratynski, J.Kopecky
Title: Circular Polarization of Neutron Capture γ-Rays from Ca, Ti, Fe and Ni
Keyword abstract: NUCLEAR REACTIONS ^{42}Ca, ^{44}Ca, ^{46}Ti, ^{56}Fe, ^{58}Fe, ^{64}Ni(polarized n,γ),E=th; measured γ-CP. ^{43}Ca, ^{45}Ca, ^{47}Ti, ^{57}Fe, ^{59}Fe, ^{65}Ni levels deduced J. Enriched targets.

Keynumber: 1977VEZQ
Coden: REPT INDC(SEC)-62/L,P140,Vennink
Keyword abstract: NUCLEAR REACTIONS ^{58}Fe, ^{64}Ni(polarized n,γ); measured CP γ. ^{59}Fe, ^{65}Ni levels deduced J,π.

Keynumber: 1977IS01

Reference: Z.Phys. A281, 365 (1977)
Authors: A.F.M.Ishaq, A.Robertson, W.V.Prestwich, T.J.Kennett
Title: Thermal Neutron Capture in Isotopes of Nickel
Keyword abstract: NUCLEAR REACTIONS ^{58}, ^{60}, ^{62}, ^{64}Ni(n,γ),E=th; measured Eγ,Iγ. ^{59}, ^{61}, ^{63}, ^{65}Ni deduced levels.

Keynumber: 1977ABZS
Coden: REPT INDC(SEC)-62/L,P137,Abrahams
Keyword abstract: NUCLEAR REACTIONS ^{51}V, ^{58}Fe, ^{64}Ni(n,γ); measured CP γ. ^{52}V, ^{59}Fe, ^{65}Ni levels deduced J,π.

Keynumber: 1975BE07
Reference: Nucl.Phys. A240, 29 (1975)
Authors: H.Beer, R.R.Spencer
Title: keV Neutron Radiative Capture and Total Cross Section of ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, and ^{62}, ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ),E=5-200 keV; ^{50}, ^{52}Cr, ^{54}Fe, ^{62}, ^{64}Ni(n,t),E=10-300 keV; measured σ(E,Eγ),σ(E,Et). ^{51}, ^{53}, ^{54}Cr, ^{55}, ^{58}Fe, ^{63}, ^{65}Ni deduced resonances,J,L,n-width,γ-width. Enriched targets.

Keynumber: 1974HAXO
Coden: REPT USNDC-11 P11
Keyword abstract: NUCLEAR REACTIONS ^{108}, ^{110}Pd, ^{146}Nd, ^{50}Cr, ^{64}Ni(n,γ),E=not given; measured σ.

Keynumber: 1974BEXF
Coden: REPT KFK-2063,CRL
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ),E <300 keV; measured σ(E,Eγ). ^{51}, ^{53}, ^{54}Cr, ^{55}, ^{58}Fe, ^{63}, ^{65}Ni deduced resonances.

Keynumber: 1973KNZK
Coden: REPT COO-3058-39 P18 mf
Keyword abstract: NUCLEAR REACTIONS ^{58}Fe, ^{64}Ni(n,γ),E=20-100 eV; ^{54}Fe, ^{61}Ni(n,γ),E=10-200 keV; measured σ.

Keynumber: 1973BEWY
Coden: REPT EANDC(E)157-U,P1
Keyword abstract: NUCLEAR REACTIONS ^{54}, ^{57}Fe, ^{50}, ^{52}, ^{53}Cr, ^{62}, ^{64}Ni(n,γ),E=5-200 keV; measured σ.

Keynumber: 1972HOYH
Coden: REPT COO-3058-27,P14
Keyword abstract: NUCLEAR REACTIONS ^{54}Fe, ^{58}Fe, ^{61}, ^{64}Ni(n,X), (n,γ),E=0.1-35 keV; measured σ(E),σ(nT)(E). ^{55}, ^{59}Fe, ^{62}, ^{65}Ni deduced resonances.

Keynumber: 1972CO31
Reference: Phys.Rev. C6, 1650 (1972)
Authors: S.Cochavi, W.R.Kane
Title: Study of the Gamma Rays from Thermal-Neutron Capture in Ni^{64}

Keyword abstract: NUCLEAR REACTIONS ^{62}, ^{64}Ni(n,γ),E=thermal; measured Eγ,Iγ,γγ-coin; deduced Q. ^{65}Ni deduced levels,γ-branching.

Keynumber: 1972BEVV
Coden: REPT KFK-1676 P3
Keyword abstract: NUCLEAR REACTIONS ^{50}, ^{52}, ^{53}Cr, ^{54}, ^{57}Fe, ^{62}, ^{64}Ni(n,γ); measured σ(E).

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: 1971GIZQ
Coden: REPT CEA-N-1500,J Girard,4/27/72
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni(n,γ), measured Eγ,Iγ,γγ-coin; deduced Q. ^{65}Ni deduced levels,γ-branching.

Keynumber: 1971GIZL
Reference: ZfK-215 (1971)
Authors: P.Gippner, H.-U.Jager, W.Rudolph
Title: Verleich von (d,p)- und (n,γ)-Reaktionen an den Nukliden ^{58}Ni, ^{60}Ni, ^{62}Ni und ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{58}, ^{60}, ^{62}, ^{64}Ni(n,γ),E=thermal; measured Eγ,Iγ. ^{59}, ^{61}, ^{63}, ^{65}Ni deduced levels.

Keynumber: 1971AUZV
Coden: REPT EANDC(E) 140 U,P87,12/30/71
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni, ^{175}Lu(n,γ),E=thermal; measured Eγ,Iγ. ^{65}Ni deduced levels,γ-branching. ^{176}Lu deduced transitions.

Keynumber: 1971AR39
Reference: Phys.Scr. 4, 89 (1971)
Authors: S.E.Arnell, R.Hardell, A.Hasselgren, C.-G.Mattsson, O.Skeppstedt
Title: Thermal Neutron Capture in ^{50}Ti and ^{64}Ni
Keyword abstract: NUCLEAR REACTIONS ^{50}Ti, ^{64}Ni(n,γ),E=thermal; measured Eγ,Iγ; deduced Q. ^{51}Ti, ^{65}Ni deduced levels. Ge(Li) pair,anti-Compton spectrometer.

Keynumber: 1969HO12

Reference: Phys.Rev. 178, 1746 (1969)
Authors: R.W.Hockenbury, Z.M.Bartolome, J.R.Tatarczuk, W.R.Moyer, R.C.Block
Title: Neutron Radiative Capture in Na, Al, Fe, and Ni from 1 to 200 keV
Keyword abstract: NUCLEAR REACTIONS ^{23}Na, ^{27}Al, ^{54}, ^{56}, ^{57}, ^{58}Fe, ^{58}, ^{60}, ^{61}, ^{62}, ^{64}Ni(n,γ), E=0.1-200 keV; measured σ(E). ^{24}Na, ^{28}Al, ^{55}, ^{57}, ^{58}, ^{59}Fe, ^{59}, ^{61}, ^{62}, ^{63}, ^{65}Ni deduced resonance parameters.

Keynumber: 1968EMZX
Coden: REPT ORNL-4343,P71
Keyword abstract: NUCLEAR REACTIONS ^{64}Ni, ^{208}Pb(n,γ)E=thermal; measured σ.
