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Keynumber: 1999CV01
Reference: Nucl.Phys. A645, 262 (1999)
Authors: F.Cvelbar, A.Likar, T.Vidmar
Title: Angular Distribution Effect on the Integrated Cross Section for Radiative Capture of 14 MeV Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{40}Ca, ^{28}Si, ^{89}Y, ^{208}Pb(n,γ),E=14 MeV; calculated Iγ (θ),Legendre coefficient a_2. Consistent direct-semidirect model. Comparisons with data.

Keynumber: 1998LI21
Reference: Nucl.Phys. A635, 43 (1998)
Authors: A.Likar, T.Vidmar
Title: Integrated Cross Sections in Fast Neutron Capture in Light Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{40}Ca(n,γ),E=fast; calculated σ,σ(θ). Direct-semidirect capture model. Comparison with data.

Keynumber: 1997RO26
Reference: IEEE Trans.Instrum.Meas. 46, 560 (1997)
Authors: S.Rottger, A.Paul, U.Keyser
Title: Prompt (n,γ)-Spectrometry for the Isotopic Analysis of Silicon Crystals for the Avogadro Project
Keyword abstract: NUCLEAR REACTIONS ^{1}H, ^{14}N, ^{28}, ^{29}Si, ^{56}Fe, ^{27}Al, ^{63}Cu(n,γ),E=thermal; measured Eγ,Iγ.
Keyword abstract: ATOMIC MASSES ^{1}, ^{2}H, ^{14}, ^{15}N, ^{28}, ^{29}, ^{30}, ^{31}, ^{32}Si, ^{56}, ^{57}Fe; measured neutron-induced γ spectra; deduced mass differences.

Keynumber: 1997KAZZ
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.440 (1997)
Authors: T.Kahn, F.J.Hartmann, J.Ott, T.von Egidy, M.Jentschel
Title: Gamma-Ray Induced Doppler Shift After (n,γ) Reactions in Si and Ti
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{48}Ti(n,γ),E=thermal; measured Eγ,Iγ,γ-induced Doppler shift. ^{49}Ti level deduced $T_{1/2}$.

Keynumber: 1997KA71
Reference: Nucl.Instrum.Methods Phys.Res. A385, 100 (1997)
Authors: T.Kahn, T.von Egidy, F.J.Hartmann, J.Ott, M.Jentschel
Title: Gamma-Ray Induced Doppler Shift Attenuation after (n,γ) Reactions in Si and Ti
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{48}Ti(n,γ),E=reactor; measured Eγ,Iγ,γγ-coin,Doppler-shifted spectra. ^{29}Si, ^{49}Ti deduced levels $T_{1/2}$. Gamma-ray induced Doppler shift attenuation method.

Keynumber: **1992RA19**
Reference: Phys.Rev. C46, 972 (1992)
Authors: S.Raman, E.T.Jurney, J.W.Starner, J.E.Lynn
Title: Thermal-Neutron Capture by Silicon Isotopes

Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ),E=thermal; measured Eγ,Iγ following capture; deduced σ. ^{29}, ^{30}, ^{31}Si deduced neutron separation energies,transition γ-multipolarity. Direct capture interpretation.

Keynumber: 1991CA18
Reference: Z.Phys. A339, 261 (1991)
Authors: B.Castel, E.R.Siciliano, Y.Okuhara
Title: Radiative M1 Capture in Light Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E not given; analyzed B(M1) data; deduced reaction mechanism. Shell model.

Keynumber: **1990IS02**
Reference: Phys.Rev. C41, 1272 (1990)
Authors: M.A.Islam, T.J.Kennett, W.V.Prestwich
Title: Thermal Neutron Capture in Silcon
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ),E=thermal; measured Eγ,Iγ,σ. ^{29}, ^{30}, ^{31}Si deduced levels,neutron separation energy. Pair spectrometer,hyperpure Ge detector.

Keynumber: 1989KO53
Reference: Izv.Akad.Nauk SSSR, Ser.Fiz. 53, 2125 (1989); Bull.Acad.Sci.USSR, Phys.Ser. 53, No.11, 63 (1989)
Authors: Yu.E.Koshutsky, V.T.Kupryashkin, N.V.Strilchuk, A.I.Feoktistov, I.P.Shapovalova
Title: Lifetimes of Highly Excited States of the Nuclei in (nγ) Reactions with Thermal Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{32}S(n,γ),E=thermal; measured γγ-coin. ^{29}Si, ^{33}S levels deduced $T_{1/2}$.

Keynumber: 1989ISZX
Reference: Phys.Can. 45, No.3, 47, FC4 (1989)
Authors: M.A.Islam, T.J.Kennett, W.V.Prestwich
Title: A Study of Gamma Rays from Thermal Neutron Capture in Silicon Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ),E=thermal; measured γ-spectra following capture. ^{29}, ^{30}, ^{31}Si deduced transitions,neutron separation energies.

Keynumber: **1989HO09**
Reference: Phys.Rev. C39, 1691 (1989)
Authors: Y.-K.Ho, Z.-S.Yuan, Y.Mi
Title: Strong Nonstatistical Effects in Neutron Capture at the 2p Size Resonance Region
Keyword abstract: NUCLEAR REACTIONS ^{27}Al, ^{28}Si(n,γ),E=thermal-2 MeV; calculated σ(E); deduced nonstatistical fractions,reaction mechanisms.

Keynumber: 1988KI02
Reference: J.Phys.(London) G14, Supplement S215 (1988)
Authors: H.Kitazawa, M.Igashira
Title: Mechanism of s-Wave and p-Wave Neutron Resonance Capture in Light and Medium-Weight Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{16}O, ^{28}Si, ^{32}S(n,γ),E ≈ resonance; measured Eγ,Iγ. ^{17}O, ^{29}Si, ^{33}S deduced resonance Γγ. Valence capture model.

Keynumber: 1987WE07
Reference: Phys.Rev. C36, 585 (1987)
Authors: H.Weigmann, P.W.Martin, R.Kohler, I.van Parijs, F.Poortmans, J.A.Wartena
Title: Structure of Unbound States in ^{29}Si from Neutron Resonance Spectroscopy of ^{28}Si + n
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,n), (n,γ),E=30-4640 keV; measured total,capture σ(E). ^{29}Si deduced resonances,J,π, (gΓn), (gΓnΓγ/Γ),level density,neutron strength functions,B(λ). Natural target. R-matrix analyses.

Keynumber: 1987KI08
Reference: Nucl.Phys. A464, 61 (1987)
Authors: H.Kitazawa, M.Ohgo, T.Uchiyama, M.Igashira
Title: Particle-Vibrator Coupling Model Calculation of Partial Radiative Widths for $p_{3/2}$ Wave Neutron Resonance on ^{28}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=565 keV; calculated Γn,Γγ. Particle-vibrator coupling model.

Keynumber: 1986SH11
Reference: Nucl.Phys. A452, 205 (1986)
Authors: M.Shimizu, M.Igashira, K.Terazu, H.Kitazawa
Title: γ-Ray Transitions following p-Wave Neutron Resonance Capture and Off-Resonance Capture by ^{28}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=485,565,802,806 keV; measured σ(E,Eγ) at 90^0 and 125^0. ^{29}Si deduced resonances,J,Γγ. Natural target.

Keynumber: 1984LI10
Reference: Z.Phys. A317, 149 (1984)
Authors: A.Lindholm, L.Nilsson, I.Bergqvist, R.Zorro, N.Olsson, B.Castel, A.Likar
Title: Fast Neutron Radiative Capture in Silicon
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=3-14 MeV; measured $\sigma(\theta=90^0)$ vs E; deduced reaction mechanism. ^{29}Si deduced GDR,GQR interference channel dependence. Compound nucleus,direct-semidirect,continuum shell model analyses.

Keynumber: 1984CA25
Reference: Z.Phys. A318, 31 (1984)
Authors: B.Castel, C.Mahaux
Title: On the Difference between the Effective Charges Used for Bound States of ^{29}Si and for Low-Energy Neutron Radiative Capture by ^{28}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=560 keV; calculated p-wave radial function; deduced external capture dominance,neutron E1 effective charge dependence of capture process.

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: 1983KE11
Reference: Nucl.Instrum.Methods 215, 159 (1983)
Authors: T.J.Kennett, W.V.Prestwich, R.J.Tervo, J.S.Tsai
Title: Evaluation of a Method for the Determination of Accurate Transition Energies in the (n,γ) Reaction
Keyword abstract: NUCLEAR REACTIONS ^{9}Be, ^{14}N, ^{28}, ^{29}Si(n,γ),E=0.5-11 MeV; measured Eγ,Iγ. ^{10}Be, ^{29}, ^{30}Si, ^{15}N deduced neutron separation energy,level energies. High fidelity pulse height to energy transformation.

Keynumber: 1983BEZS
Reference: Tandem Accelerator Lab, Uppsala, 1982 Biennial, p.45 (1983)
Authors: I.Bergqvist, R.Zorro, N.Olsson, A.Lindholm, L.Nilsson, A.Hakansson, A.Likar, B.Castel
Title: Neutron Capture in Spherical Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=2.5-14 MeV; measured capture σ(E),γ(θ); deduced capture mechanism.

Keynumber: 1982BA02
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Authors: B.Basarragtscha, D.Hermsdorf, E.Paffrath
Title: An Approach for a Consistent Description of Gamma-Ray Spectra from (n,xγ) Reactions Induced by Fast Neutrons
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{56}Fe(n,γ), (n,X),E=14 MeV; calculated σ(Eγ). Statistical model,equilibrium,preequilibrium superposition.

Keynumber: 1981BEZU
Reference: Tandem Accelerator Lab, Uppsala, Ann.Rept., p.36 (1981)
Authors: I.Bergqvist, N.Olsson, R.Zorro, A.Lindholm, L.Nilsson, M.Saleem
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Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{32}S(n,γ),E=3-14 MeV; measured σ(E).

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: 1980JO02
Reference: Nucl.Phys. A334, 269 (1980)
Authors: S.Joly, G.Grenier, J.Voignier, J.W.Boldeman
Title: Resonance Neutron Capture Spectroscopy in ^{28}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=565,813 keV; measured σ(E,Eγ). ^{29}Si resonances deduced Γγ. Natural target. Valence,shell models.

Keynumber: 1980IS02
Reference: Can.J.Phys. 58, 168 (1980)
Authors: M.A.Islam, T.J.Kennett, S.A.Kerr, W.V.Prestwich
Title: A Self-Consistent Set of Neutron Separation Energies
Keyword abstract: NUCLEAR REACTIONS ^{1}H, ^{9}Be, ^{14}N, ^{24}, ^{25}Mg, ^{27}Al, ^{28}, ^{29}Si, ^{32}S, ^{35}Cl, ^{40}, ^{44}Ca, ^{47}, ^{48}, ^{49}Ti, ^{50}, ^{52}, ^{53}Cr, ^{55}Mn, ^{54}, ^{56}, ^{57}Fe(n,γ),E=thermal; measured Eγ,Iγ. ^{2}H, ^{10}Be, ^{25}, ^{26}Mg, ^{28}Al, ^{29}, ^{30}Si, ^{33}S, ^{36}Cl, ^{41}, ^{45}Ca, ^{48}, ^{49}, ^{50}Ti, ^{51}, ^{53}, ^{54}Cr, ^{56}Mn, ^{55}, ^{57}, ^{58}Fe deduced Q,neutron binding energy.

Keynumber: 1980HEZD
Coden: CONF Gaussig,P147,Hermsdorf,ZFK-410
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ), (n,n), (n,n'), (n,p), (n,α), (n,X),E <20 MeV; analyzed σ(E). Compilation.

Keynumber: 1980AL19
Reference: J.Phys.(London) G6, 1173 (1980)
Authors: B.J.Allen, D.D.Cohen, F.Z.Company
Title: Radiative Widths of Neutron Scattering Resonances
Keyword abstract: NUCLEAR REACTIONS ^{19}F, ^{24}Mg, ^{27}Al, ^{28}Si, ^{56}Fe, ^{207}Pb(n,γ),E=20-80 keV; measured σ(Eγ,E). ^{20}F, ^{25}Mg, ^{28}Al, ^{29}Si, ^{57}Fe, ^{208}Pb deduced resonances,Γn,L,J,π,Γγ. Moxon-Rae detectors, Monte-Carlo analysis.

Keynumber: 1979LI02
Reference: Z.Phys. A289, 229 (1979)
Authors: A.Lindholm, L.Nilsson, I.Bergqvist, N.Olsson
Title: Evidence for Neutron Capture Through Doorway States in ^{29}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=2.7-6.2 MeV; measured σ(E); deduced possible evidence for doorway. Comparison with theory.

Keynumber: 1978NIZX
Coden: CONF BNL(Neutron Capt γ-Ray Spectr),Contrib,No57,Nilsson
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=2.7-6.2 MeV; measured σ. ^{29}Si level deduced Γγ, J,π. Evidence for p-wave doorway state.

Keynumber: 1978NIZR
Coden: CONF Brookhaven(Neutron Capt γ-Ray Spectr),Proc,P704,Nilsson
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=3-6 MeV; measured Eγ,Iγ; deduced σ.

Keynumber: 1978MIZS
Coden: CONF BNL(Neutron Capt γ-Ray Spectr),Contrib,No52,Micklinghoff
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=1-15 MeV; calculated σ(E). K-matrix formalism.

Keynumber: 1978MIZJ
Coden: CONF Brookhaven(Neutron Capt γ-Ray Spectr),Proc,P690,Micklingoff
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=1-15 MeV; calculated σ; deduced doorway structure. K-matrix approach,microscopic treatment of single particle resonances.

Keynumber: 1978MI14
Reference: Ann.Phys.(New York) 114, 452 (1978)
Authors: M.Micklinghoff, B.Castel
Title: Doorway Structures in the Radiative Capture of Neutrons by ^{28}Si and ^{32}S
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{32}S(n,γ); calculated σ. K-matrix formalism,microscopic treatment including single-particle resonances.

Keynumber: 1978JOZT
Coden: CONF BNL(Neutron Capt γ-Ray Spectr),Contrib,No37,Joly
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=0.5-3.0 MeV; measured capture γ-spectra,Eγ,Iγ. ^{29}Si deduced resonances,Γγ. Comparison with valence,shell models.

Keynumber: 1978HA32
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Authors: D.Halderson, B.Castel
Title: Neutron and Gamma Width Correlations in Neutron Capture Reactions: A Comparative Study
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ); calculated Γγ.

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Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=565,813 keV; measured γ-spectra.

Keynumber: 1978GRZK
Coden: REPT CEA-N-2037,P63,Grenier
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=500 keV-1 MeV; measured Eγ,Iγ[relative]. ^{29}Si resonances deduced Γγ.

Keynumber: 1978BEYD
Coden: REPT Uppsala,Tandem Accelerator Lab,1978 Ann,p55,7-4-2,Bergqvist
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{40}Ca, ^{89}Y, ^{140}Ce, ^{208}Pb(n,γ),E=5-15 MeV; measured σ. direct-semidirect,compound nuclear models.

Keynumber: 1976TH03
Reference: Can.J.Phys. 54, 383 (1976)
Authors: V.J.Thomson, W.V.Prestwich, T.J.Kennett
Title: Resonance Neutron Capture in Silicon
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}Si(n,γ),E >1 keV; measured σ(Eγ). ^{29}, ^{30}Si deduced resonances,J,π.

Keynumber: 1976KE04
Reference: Nucl.Phys. A270, 164 (1976)
Authors: M.J.Kenny, B.J.Allen, J.W.Boldeman, A.M.R.Joye
Title: Resonance Neutron Capture in Silicon
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}Si(n,γ),E=31.7,38.8,55.9,67.7 keV; measured σ(E,Eγ). ^{29}, ^{30}Si deduced resonances,Γγ. Natural target.

Keynumber: 1975BO36

Reference: Nucl.Phys. A252, 62 (1975)
Authors: J.W.Boldeman, B.J.Allen, A.R.de L. Musgrove, R.L.Macklin
Title: The Neutron Capture Cross Section of Natural Silicon
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ),E=3-1500 keV; measured σ(E,Eγ). ^{29}, ^{30}, ^{31}Si deduced resonances,J,L,n-width,γ-width,correlation coefficient,valence component. Li(n,α) reaction monitor.

Keynumber: 1975ALZW
Coden: JOUR BAPSA 20 150 EB16
Keyword abstract: NUCLEAR REACTIONS ^{27}Al, ^{28}Si, ^{40}Ca, ^{48}Ti, ^{52}Cr, ^{90}Zr, ^{138}Ba(n,γ),E >2.5 keV; measured σ(Eγ).

Keynumber: 1974SPZQ
Coden: REPT RCN-210
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}Si, ^{37}Cl(n,γ),E=thermal; measured Eγ,Iγ,γ(θ),CP (γ),σ(E,Eγ); deduced Q. ^{29}, ^{30}Si, ^{38}Cl deduced levels,γ-branching,J,π.

Keynumber: 1974LO14
Reference: Nuovo Cim. 20A, 373 (1974)
Authors: G.Longo, F.Saporetti, F.Rigaud, J.L.Irigaray, G.Y.Petit
Title: Different Coupling Interactions in Semi-Direct Capture of 14 MeV Neutrons by Si, Sr, Ce and ^{208}Pb
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{88}Sr, ^{140}Ce, ^{208}Pb(n,γ),E=14 MeV; calculated σ (Eγ).

Keynumber: 1973RIZK
Coden: CONF Asilomar(Photonuclear Reactions),Vol2 P953
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{88}Sr, ^{140}Ce, ^{208}Pb(n,γ); measured σ(Eγ). ^{29}Si, ^{89}Sr, ^{141}Ce, ^{209}Pb deduced levels.

Keynumber: 1973DIZW
Coden: JOUR BAPSA 18 648 GH3
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ); ^{29}Si calculated doorway states.

Keynumber: 1973BHZU
Coden: REPT BNL-50379
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ), (n,n'γ),analyzed σ(E). ^{28}, ^{29}, ^{30}, ^{31}Si compiled level,γ ray properties.

Keynumber: 1973BAUM
Coden: REPT INDC(SEC)-35/L P17
Keyword abstract: NUCLEAR REACTIONS ^{12}C, ^{28}Si(n,γ); calculated σ.

Keynumber: 1973ALYU
Coden: CONF Asilomar(Photonuclear Reactions),Vol1 P291
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ); measured σ(Eγ). ^{29}Si deduced resonances,level-width.

Keynumber: 1972POZJ
Coden: CONF Budapest,Contributions,P250,10/13/72
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{40}Ca, ^{88}Sr, ^{138}Ba, ^{208}Pb(n,γ),E=14 MeV; calculated σ(Eγ).

Keynumber: 1972CVZZ
Coden: JOUR FZKAA 4 Suppl,53
Keyword abstract: NUCLEAR REACTIONS ^{28}Si(n,γ),E=14 MeV; measured σ(Eγ).

Keynumber: 1970SP02
Reference: Nucl.Phys. A145, 449 (1970)
Authors: A.M.J.Spits, A.M.F. Op den Kamp, H.Gruppelaar
Title: Gamma Rays from Thermal-Neutron Capture in Natural and ^{28}Si Enriched Silicon
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si, ^{6}Li, ^{14}N, ^{19}F, ^{27}Al, ^{54}, ^{56}Fe, ^{207}Pb(n,γ), E=thermal; ^{28}Si(n,n'γ), E=fast; measured Eγ, Iγ; deduced Q. ^{29}, ^{30}, ^{31}Si deduced levels, γ-branching. Natural, ^{28}Si enriched targets, Ge(Li) detector.

Keynumber: 1970CV02
Reference: Nucl.Phys. A159, 555 (1970)
Authors: F.Cvelbar, A.Hudoklin
Title: Gamma-Ray Spectra from the Radiative Capture of 14 MeV Neutrons in ^{28}Si and ^{40}Ca
Keyword abstract: NUCLEAR REACTIONS ^{28}Si, ^{40}Ca(n,γ),E=14 MeV; calculated σ(Eγ). Direct-semidirect, statistical models.

Keynumber: 1970BE48
Reference: Nucl.Phys. A157, 520 (1970)
Authors: G.B.Beard, G.E.Thomas
Title: Gamma Rays from Thermal Neutron Capture in ^{28}Si, ^{29}Si, and ^{30}Si
Keyword abstract: NUCLEAR REACTIONS ^{28}, ^{29}, ^{30}Si(n,γ),En=thermal; measured Eγ,Iγ; deduced Q. ^{29}, ^{30}, ^{31}Si deduced levels,γ-branching. Enriched targets, Ge(Li) detector.

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.
