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13 reference(s) found :

Keynumber: 1995MO40
Reference: Aust.J.Phys. 48, 125 (1995)
Authors: A.J.Morton, D.G.Sargood
Title: Thermonuclear Reactions Rates for Reactions Leading to N = 28 Nuclei
Keyword abstract: NUCLEAR REACTIONS ^{44}, ^{46}K, ^{46}, ^{47}, ^{48}Ca, ^{45}, ^{47}, ^{48}, ^{49}, ^{50}Sc, ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti, ^{47}, ^{48}, ^{49}, ^{50}, ^{51}V, ^{48}, ^{49}, ^{50}, ^{51}, ^{52}Cr, ^{51}, ^{52}, ^{53}Mn, ^{52}, ^{53}, ^{54}Fe, ^{55}Co(n,γ), (n,p), (n,α), (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E not given; ^{56}Ni(n,γ), (n,p), (n,α), (α,γ), (α,n), (α,p),E not given; ^{46}Ar, ^{45}, ^{47}K (p,γ), (p,n), (p,α), (α,γ), (α,n), (α,p),E not given; calculated stellar reaction rates vs temperature. Statistical model calculations,optical-model potential.

Keynumber: 1984RU06
Reference: Nucl.Phys. A419, 439 (1984)
Authors: J.F.A.G.Ruyl, J.B.M.De Haas, P.M.Endt, L.Zybert
Title: Investigation of the ^{47}, ^{49}Ti(n,γ)^{48}, ^{50}Ti Reactions
Keyword abstract: NUCLEAR REACTIONS ^{49}, ^{47}Ti(n,γ), (polarized n,γ),E=thermal; measured Eγ,Iγ (Eγ,θ),γ CP; deduced Q. ^{48}, ^{50}Ti deduced levels,γ-branching,J,π. Enriched,polarized,unpolarized targets.

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: 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: 1979THZW
Reference: Proc.Specialsts Meeting on Neutron Data Structural Materials for Fast Reactors, December 5-8, 1977, Geel, Belgium, p.675 (1979)
Authors: B.Thom, D.B.Gayther, M.C.Moxon, B.W.Thomas
Title: Capture Cross-Section Measurements on the Separated Isotopes of Titanium
Keyword abstract: NUCLEAR REACTIONS ^{46}, ^{47}, ^{49}, ^{50}Ti(n,γ),E=low; measured capture σ. ^{47}, ^{48}, ^{50}, ^{51}Ti deduced resonance parameters.

Keynumber: 1977ALYR
Reference: AAEC/E-402 (1977)
Authors: B.J.Allen, J.W.Boldeman, A.R.de L.Musgrove, R.L.Macklin
Title: Resonance Neutron Capture in the Isotopes of Titanium
Keyword abstract: NUCLEAR REACTIONS ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti(n,γ),E=2.75-300 keV; measured capture γ-yield. ^{47}, ^{48}, ^{49}, ^{50}, ^{51}Ti deduced resonance parameters.

Keynumber: 1972KN07
Reference: Vestsi Akad.Navuk BSSR, Ser.Fiz.-Mat.Navuk No.3, 79 (1972)
Authors: U.A.Knatsko, S.A.Nyagrei, E.A.Rudak, A.M.Khilmanovich
Title: Radiative Capture of Thermal Neutrons by Titanium Isotopes
Keyword abstract: NUCLEAR REACTIONS ^{46}, ^{49}, ^{50}Ti(n,γ),E=thermal; measured Eγ,Iγ. ^{47}, ^{50}, ^{51}Ti deduced levels,L,J,π.

Keynumber: 1971TE01
Reference: Phys.Rev. C3, 663 (1971)
Authors: J.Tenenbaum, R.Moreh, Y.Wand, G.Ben-David
Title: Study of the Level Structure of ^{50}Ti and ^{51}Ti Using the ^{49}Ti(n,γ) and ^{50}Ti(n,γ) Reactions
Keyword abstract: NUCLEAR REACTIONS ^{49}, ^{50}Ti(n,γ),E=thermal; measured Eγ,Iγ,γγ(θ); deduced Q. ^{50}, ^{51}Ti deduced levels,J,π,γ-branching.

Keynumber: 1971NEZZ
Coden: CONF Moscow(NuclSpectros,Structure) Abstr P38
Keyword abstract: NUCLEAR REACTIONS ^{46}, ^{47}, ^{48}, ^{49}, ^{50}Ti(n,γ),E not given; measured Eγ,Iγ. ^{47}, ^{48}, ^{49}, ^{50}, ^{51}Ti deduced transitions.

Keynumber: 1970TEZW
Coden: REPT IA-1218,P28
Keyword abstract: NUCLEAR REACTIONS ^{49}Ti(n,γ),E=thermal; measured Eγ,γγ(θ),Iγ,γγ-coin; deduced Q. ^{50}Ti deduced levels,J,π.

Keynumber: 1968BAZZ
Reference: Program and Theses, Proc.18th Ann.Conf.Nucl.Spectroscopy and Struct.Of At.Nuclei, Riga, p.32 (1968)
Authors: I.F.Barchuk, D.A.Bazavov, G.V.Belykh, V.I.Golyshkin, A.V.Murzin, A.F.Ogorodnik
Title: Spectra of γ-Rays Caused by Capture of Slow Neutrons by ^{25}Mg, ^{47}Ti and ^{49}Ti
Keyword abstract: NUCLEAR REACTIONS ^{25}Mg, ^{47}, ^{49}Ti(n,γ), E=slow; measured Eγ, Iγ. ^{26}Mg, ^{48}, ^{50}Ti deduced transitions.

Keynumber: 1966WAZY

Reference: Proc.Intern.Conf.Study of Nucl.Struct.With Neutrons, Antwerp, Belgium (1965), M.N.de Mevergnies, P.Van Assche, J.Vervier, Eds., North-Holland Publishing Co., Amsterdam, p.536 (1966); EANDC-50-S, Paper 99 (1966)

Authors: R.Wagner, W.M.Good, D.Paya

Title: s-Wave Neutron Strength Functions of Isotopes in the 3s-Resonance Region 40 <A <70

Keyword abstract: NUCLEAR REACTIONS ^{43}Ca, ^{47}, ^{49}Ti, ^{53}Cr, ^{57}Fe, ^{61}Ni(n,γ),E=2-60 keV; σ(nt)(E). ^{44}Ca, ^{48}, ^{50}Ti, ^{54}Cr, ^{58}Fe, ^{62}Ni deduced resonances,level spacings,strength functions.
