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10 reference(s) found :

Keynumber: **1988HA34**
Reference: Phys.Rev. C38, 2474 (1988)
Authors: W.C.Haxton
Title: ^{37}Ar as a Calibration Source for Solar Neutrino Detectors
Keyword abstract: NUCLEAR REACTIONS ^{36}Ar(n,γ),E=thermal; analyzed capture σ data; deduced high intensity ^{37}Ar neutrino source production possibility.

Keynumber: 1984MI10
Reference: Int.J.Appl.Radiat.Isotop. 35, 813 (1984)
Authors: H.Michael, R.Wolfle, S.M.Qaim
Title: Production of ^{37}Ar
Keyword abstract: NUCLEAR REACTIONS ^{36}Ar(n,γ), ^{40}Ca(n,α),E=reactor; measured residual yield,production σ; deduced optimum reaction. Activation technique.

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: 1975MUZY
Coden: JOUR BAPSA 20 167 HB13
Keyword abstract: NUCLEAR REACTIONS ^{36}Ar(n,γ),E=thermal; calculated σ.

Keynumber: 1974MUZZ
Coden: JOUR BAPSA 19 499 EG15
Keyword abstract: NUCLEAR REACTIONS ^{36}Ar(n,γ); measured nothing,calculated Iγ.

Keynumber: 1971ARZJ
Coden: CONF Legnaro($1f_{7}/_{2}$ Nuclei),P251

Keyword abstract: NUCLEAR REACTIONS ^{36}Ar, ^{40}Ar, ^{40}K, ^{40}, ^{42}, ^{44}, ^{46}, ^{48}Ca, ^{47}Ti, ^{55}Mn, ^{57}Fe, ^{59}Co(n,γ),E=thermal; surveyed Eγ,Iγ,γγ-coin,γγ(θ),γ-polarization data. ^{37}Ar, ^{41}Ar, ^{41}K, ^{41}, ^{43}, ^{45}, ^{47}, ^{49}Ca, ^{48}Ti, ^{56}Mn, ^{58}Fe, ^{60}Co deduced levels,J,π,γ-mixing.

Keynumber: 1970JAZN
Coden: REPT PH-7,J Jafar
Keyword abstract: NUCLEAR REACTIONS ^{20}Ne, ^{24}Mg, ^{30}Si, ^{32}S, ^{34}S, ^{36}Ar, ^{40}Ca, ^{27}Al (n,γ),E=thermal; surveyed,analyzed Eγ,Iγ data. ^{21}Ne, ^{25}Mg, ^{31}Si, ^{33}, ^{35}S, ^{37}Ar, ^{41}Ca, ^{28}Al deduced levels,γ-branching.

Keynumber: 1970HA56
Reference: Phys.Scr. 1, 85 (1970)
Authors: R.Hardell, C.Beer
Title: Thermal Neutron Capture in Natural Argon
Keyword abstract: NUCLEAR REACTIONS ^{36}, ^{40}Ar(n,γ),E=thermal; measured Eγ,Iγ,Q. ^{37}, ^{41}Ar deduced levels,γ-branching.

Keynumber: 1968WI25
Reference: Atomkernenergie 13, 383 (1968)
Authors: P.Wille
Title: Die Gammaubergange im ^{37}Ar nach Anregung durch Neutroneneinfang
Keyword abstract: NUCLEAR REACTIONS ^{36}Ar(n,γ), measured Eγ,Iγ; deduced Q. ^{37}Ar deduced transitions.
