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**5 reference(s) found :**

**Keynumber:** 1988RA10
**Reference:** J.Phys.(London) G14, Supplement S223 (1988)
**Authors:** S.Raman, S.Kahane, J.E.Lynn
**Title:** Direct Thermal Neutron Capture
**Keyword abstract:** NUCLEAR REACTIONS $^{9}$Be, $^{12}$, $^{13}$C, $^{24}$, $^{25}$, $^{26}$Mg, $^{32}$, $^{34}$, $^{33}$S, $^{40}$, $^{44}$Ca (n,γ),E=slow; calculated capture σ.

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**Keynumber:** 1985RA15
**Reference:** Phys.Rev. C32, 18 (1985)
**Authors:** S.Raman, R.F.Carlton, J.C.Wells, E.T.Jurney, J.E.Lynn
**Title:** Thermal Neutron Capture Gamma Rays from Sulfur Isotopes: Experiment and theory
**Keyword abstract:** NUCLEAR REACTIONS $^{34}$, $^{33}$, $^{32}$, $^{36}$S(n,γ),E=thermal; measured Eγ,Iγ; deduced model dependent effects. $^{33}$, $^{34}$, $^{35}$, $^{37}$S deduced levels,γ-branching,J,π,E1 transition. Potential capture theory.

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**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.

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**Keynumber:** 1983RA04
**Reference:** Phys.Rev. C27, 1188 (1983)
**Authors:** S.Raman, E.T.Jurney, D.A.Outlaw, I.S.Towner
**Title:** $^{34}$Cl Superallowed β Decay
**Keyword abstract:** RADIOACTIVITY $^{34}$Cl($\beta^+$) [from $^{33}$S(p,γ)]; $^{35}$S($\beta^-$); analyzed data. $^{34}$Cl deduced Q($\beta^+$+EC),$T_{1/2}$,ft. $^{35}$S deduced Q($\beta^-$).

**Keyword abstract:** NUCLEAR REACTIONS $^{32}$, $^{33}$, $^{34}$S(n,γ),E=thermal; measured Eγ. $^{33}$, $^{34}$, $^{35}$S deduced neutron separation energy. $^{33}$, $^{34}$S(p,γ),E=0.9-1.4 MeV; measured Eγ. $^{34}$Cl, $^{35}$Cl deduced resonances,proton separation energy.

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**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.

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