$^{63}\text{Cu(n,2n}\gamma)$ **1982Sh28**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Alan L. Nichols, Balraj Singh, Jagdish K. Tuli	NDS 113, 973 (2012)	15-Apr-2012

E=14.2 MeV,Ge(Li), tof, γ singles, FWHM=1 keV, $\sigma(\theta)$ at 55°.

^{62}Cu Levels

E(level)	J^π
0	1^+
40.9	2^+
426.3	3^+
548.4	1^+
637.5	1^+
644.8	(2^+)

$\gamma(^{62}\text{Cu})$

E_γ [†]	E_i(level)	J^π_i	E_f	J^π_f
385.4	426.3	3^+	40.9	2^+
507.5	548.4	1^+	40.9	2^+
548.4	548.4	1^+	0	1^+
596.6	637.5	1^+	40.9	2^+
644.8	644.8	(2^+)	0	1^+

[†] Precise Eγ from adopted level energies.

${}^{63}\text{Cu}(n,2n\gamma)$ **1982Sh28**

Level Scheme

${}^{62}_{29}\text{Cu}_{33}$