

$^{72}\text{Ge}(\alpha, \alpha' \gamma)$ 1974Dr02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 111,1 (2010)	1-May-2009

E=27.5 MeV, measured E(ce), Ice, ce(t).

 ^{72}Ge Levels

E(level)	J^π	$T_{1/2}$	Comments
0	0^+		
689.6 5	0^+	404 ns 45	$T_{1/2}$: from ce time distribution, bunched beam.

 $\gamma(^{72}\text{Ge})$

E_γ	$E_i(\text{level})$	J^π_i	E_f	J^π_f	Mult.	Comments
689.6 5	689.6	0^+	0	0^+	E0	E_γ : only ce from this transition has been observed. K/L=8.4 6. E0 reduced matrix element $\rho=0.095$ 5.

 $^{72}\text{Ge}(\alpha, \alpha' \gamma)$ 1974Dr02Level Scheme