
 $^{72}\text{Ge}(\text{e},\text{e}'), (\gamma,\gamma')$ [1975Kl10](#), [1956Me13](#), [1973KaZV](#)

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

(e,e'): E=84-120 MeV. Measured elastic and inelastic scattering cross section for $\theta=92^\circ-140^\circ$, momentum transfers from 0.65 to 1.14 fm^{-1} , DWBA ([1975Kl10](#)).
(γ,γ'): [1956Me13](#), [1973KaZV](#).

 ^{72}Ge Levels

E(level) [†]	J ^π [†]	T _{1/2}	Comments
0	0 ⁺		Rms value of the charge distribution R=4.05 fm 3.
834	2 ⁺	3.2 ps 5	B(E2) $\uparrow$ =0.238 18 (1975Kl10) T _{1/2} : weighted averaged from (γ,γ') measurements of 1956Me13 , 1973KaZV .
2515	3 ⁻		B(E3) $\uparrow$ =0.080 15 (1975Kl10)

[†] From Adopted Levels.