

$^{68}\text{Zn}(^6\text{Li,np}\gamma)$ 1977ReZP

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

E=26 MeV, $\gamma(\theta)$, $\gamma\gamma$ coincidence, directional-correlation orientation ratio data.

 ^{72}Ge Levels

E(level)	J^π [†]	E(level)	J^π [†]	E(level)	J^π [†]	E(level)	J^π [†]
0	0 ⁺	1728.4 13	4 ⁺	2514.8 13	3 ⁻	3761.4 19	(8 ⁺) [‡]
834.0 10	2 ⁺	2064.0 13	3 ⁺	2772.4 17	(6 ⁺) [‡]	4821?	
1463.9 13	2 ⁺	2463.9 16	4 ⁺	3079.0 17	4 ⁺		

[†] From Adopted Levels, except as noted.

[‡] Based on $\gamma(\theta)$ and directional-correlation orientation ratio.

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

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
600	2064.0	3 ⁺	1463.9	2 ⁺	1015	3079.0	4 ⁺	2064.0	3 ⁺
630	1463.9	2 ⁺	834.0	2 ⁺	1044	2772.4	(6 ⁺)	1728.4	4 ⁺
786	2514.8	3 ⁻	1728.4	4 ⁺	1051	2514.8	3 ⁻	1463.9	2 ⁺
834	834.0	2 ⁺	0	0 ⁺	1060 [†]	4821?		3761.4	(8 ⁺)
894	1728.4	4 ⁺	834.0	2 ⁺	1230	2064.0	3 ⁺	834.0	2 ⁺
989	3761.4	(8 ⁺)	2772.4	(6 ⁺)	1681	2514.8	3 ⁻	834.0	2 ⁺
1000	2463.9	4 ⁺	1463.9	2 ⁺					

[†] Placement of transition in the level scheme is uncertain.

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Legend

Level Scheme

-----> γ Decay (Uncertain)

