
 $^{72}\text{Ge}(\alpha, ^2\text{He})$ **1990Fi07**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh, Ameenah R. Farhan		NDS 107, 1923 (2006)	30-Apr-2006

E=56 MeV, FWHM=200-300 keV.
Measured $\sigma(\theta)$, DWBA calculations.

 ^{74}Ge Levels

<u>E(level)</u>	<u>Jπ</u>	<u>L</u>	<u>Comments</u>
0	0 ⁺	0	
600			
1550			
2630			
3050			
3590	(6 ⁺ , 8 ⁺ , 7 ⁻)	[†]	J π : (6 ⁺) for a 3629 7 level In 'Adopted Levels'.
3870	(6 ⁺ , 8 ⁺ , 7 ⁻)	[†]	
4130	(7 ⁻ , 8 ⁺)	(7,8)	
6200	(6 ⁺ , 8 ⁺)	(6,8)	E(level): angular distribution favors L=6.

[†] L=6+8 or 6+7 favored for the combined 3590+3870 peak.