^{72}Ge(^{6}Li,^{6}Li$'$)   **1989Ja09**

History

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

E=44 MeV, FWHM≈80 keV; measured $\sigma(\theta)$, DWBA and coupled-channels calculations.

^{72}Ge Levels

E(level)	L[‡]	Comments
0.0		
690 *17*		
838[†] *17*		β_2=0.180 *20*. Corresponding β_2R=1.07 *12*.
1470 *17*		
1732 *17*		
2400 *17*	2	
2515[†] *17*		β_3=0.140 *20*. Corresponding β_3R=0.83 *9*.
2954 *17*	3	
3089 *17*	4	
3183 *17*	4	
3318 *17*	3,4	
3432 *17*	4	

[†] Deformation parameters deduced from a harmonic vibrational model coupled-channels analysis.
[‡] From DWBA analysis.