^{64}Zn(^{7}Li,^{6}He)   1978Ze06

	Type	Author	History Citation	Literature Cutoff Date
	Full Evaluation	Jun Chen	NDS 202,59 (2025)	25-Feb-2025

1978Ze06: E(^{7}Li)=36 MeV from ANU 14UD Pelletron accelerator. Reaction products were detected with a position-sensitive gas proportional counter (FWHM≈50 keV). Measured σ(E(^{6}He),θ), θ_{cm}=3°−10°. Deduced levels, J, π from DWBA analysis.

^{65}Ga Levels

E(level)[†]	J$^{\pi}$[‡]	Comments
0	(3/2$^-$)	
62 *10*	(1/2$^-$)	
191 *10*	(5/2$^-$)	
648 *10*		
817 *10*	(3/2$^-$)	
1085 *10*		
1369 *10*	(7/2$^-$)	
1663 *10*	(3/2$^-$)	
1869 *10*		
2038 *10*		
2210 *10*	(7/2$^-$)	J$^{\pi}$: 5/2$^-$ in Adopted Levels.
2820 *10*		

[†] From 1978Ze06.
[‡] Inferred from analysis of forward angle measurements of $\sigma(\theta)$, assuming level corresponds to population of known shell-model orbits (1978Ze06).