^{58}Ni(pol ^{7}Li,^{6}Li)   **1981Sa16**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 151, 1 (2018)	1-Apr-2018

E(pol ^{7}Li)=20.3 MeV, θ(lab)$\approx$30°−120°, DWBA analysis of $\sigma(\theta)$ and tensor analyzing power (1981Sa16).

^{59}Ni Levels

E(level)	J$^{\pi\dagger}$	Comments
0.0	3/2$^-$	
470	1/2$^-$ & 5/2$^-$	Some contribution possible from 339 level.
3060	3/2$^-$	

† Authors obtain qualitative agreement between experiment and DWBA theory for this J$^\pi$ assuming p$_{3/2}$ orbital for odd neutron in ^{7}Li.

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