

$^{118}\text{Sn}(^7\text{Li},^6\text{He})$ 1978Ze05

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. M. Symochko, E. Browne, J. K. Tuli		NDS 110,2945 (2009)	1-Dec-2008

1978Ze05: E=48 MeV; semi ΔE -E counter, spectrograph (FWHM=60 keV) measured $\sigma(\theta)$; DWBA analysis, deduced S.

 ^{119}Sb Levels

E(level) [†]	J π [#]	L	S	Comments
0	5/2 ⁺	2	0.47	
270	7/2 ⁺	4	0.59	
660 [‡]	1/2 ⁺ , 3/2 ⁺	0+2	0.08, 0.37	J π : s _{1/2} +d _{3/2} from DWBA.
1350	11/2 ⁻	5	0.68	

[†] From $^{118}\text{Sn}(^3\text{He},\text{d})$ (1968Co22).

[‡] Doublet.

[#] From Adopted Levels, except as noted.