

$^{117}\text{Sn}(p,d)$  1968Ya01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 717 (2010)	1-Dec-2009

E=55 MeV, mag spect, DWBA,  $J^\pi(^{117}\text{Sn})=1/2^+$ .  
 Energy resolution: 0.16%.

 $^{116}\text{Sn}$  Levels

E(level) <sup>†</sup>	L <sup>‡</sup>	S	Comments
0	0	0.45	
1280	2	0.41	
1770	0	0.087	
2040	0	0.092	
2220	2	0.54	
2370	5,(4)	1.2	S: if L=5.
2580	4,(0)	1.2	S: if L=4.
2800	5,(4)	2.0	S: if L=5.
3040	4	2.64	
3140	4	2.80	
3430	2	1.35	
3720	2	1.97	
3970	2	0.64	

<sup>†</sup> Uncertainty  $\pm 20$  keV.

<sup>‡</sup> From DWBA analysis of angular distributions ( $3^\circ$ – $60^\circ$ ).