

$^{116}\text{Sn}(e,e')$ 1986Va02,1973Ph02

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

E=209 MeV (1973Ph02); E=40-110 MeV, $\Delta p/p=0.1\%$ magnetic spectrometer, semi detection (1976Li19).

E=350 MeV, $\theta=61^\circ$.

Measured $\sigma(\theta)$ form factor for 2^+ , 3^- (1973Ph02,1975Le24).

Others: 1969Cu06, 1967Ba52.

 ^{116}Sn Levels

E(level) [‡]	J ^π [†]	T _{1/2}	Comments
0.0			
1294	2 ⁺		B(E2) $\uparrow=0.229$ 15; Q=-0.17 4 (1976Li19) Other B(E2): 0.183 (1969Cu06), 0.146 22 (1967Ba52).
1757	0 ⁺		
2112	2 ⁺	1.89 ps 10	B(E2) $\uparrow=0.00198 +10-9$ (1976Li19) T _{1/2} : from B(E2) with I γ (2112)=55.6 15.
2266	3 ⁻		B(E3)=0.120 15 (1967Ba52), 0.163 13 (1976Li19). Other: 1969Cu06.
2366	5 ⁻		
2391	4 ⁺		
2529	4 ⁺		
2650	2 ⁺		
2790	0 ⁺		
2801	4 ⁺		
2909	7 ⁻		
3046	4 ⁺		
3210	7 ⁻		
3522	9 ⁻		
4013			
4076			
4853			

[†] From Adopted Levels.

[‡] Rounded-off values from Adopted Levels.