
 $^{112}\text{Sn}(\text{p},\alpha)$ [1976Sm04](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. Kumar(a), J. Chen(b) and F. G. Kondev		NDS 137, 1 (2016)	31-May-2016

E(p)=22 MeV, AVF cyclotron, KVI; Four silicon surface barrier detectors (700 to 1000 μm); Measured: $\sigma(\theta)$, $\sigma(\alpha)$, $\theta=10^\circ-60^\circ$, FWHM ≥ 35 keV.

 ^{109}In Levels

E(level) [†]	J π [†]	Comments
0	9/2 ⁺	
650 7	1/2 ⁻	
984 10	3/2 ⁻	
1438 14	(5/2 ⁻ , 9/2 ⁺ , 13/2 ⁺)	E(level): unresolved multiplet.
1923 19		
2056 21		
2128 21		
2528 25		
2559 26		
2775 28		
2857 29		

[†] From [1976Sm04](#). Authors estimated $\Delta E=1\%$.