
 $^{112}\text{Sn}(^3\text{He},t)$ [1995Ph01](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. Lalkovski, F. G. Kondev		NDS 124, 157 (2015)	1-Aug-2014

Facility: Indiana University Cyclotron; Beam: $E(^3\text{He})=200$ MeV; Target: 2.5 mg/cm² enriched to 98.9% in ^{112}Sn ; Detectors: K600 magnetic spectrometer, two multiwire drift chambers and two scintillation detectors. FWHM= 80 keV; Measured: E, Γ , $d\sigma/d\Omega$.

 ^{112}Sb Levels

<u>E(level)[†]</u>	<u>$J^{\pi\ddagger}$</u>	<u>E(level)[†]</u>	<u>$J^{\pi\ddagger}$</u>	<u>E(level)[†]</u>	<u>$J^{\pi\ddagger}$</u>	<u>E(level)[†]</u>	<u>$J^{\pi\ddagger}$</u>
140 30	1 ⁺	1540 30	1 ⁺	3100 30	1 ⁺	4240 30	1 ⁺
510 30	1 ⁺	1830 30	1 ⁺	3420 30	1 ⁺	4600 30	1 ⁺
850 30	1 ⁺	2180 30	1 ⁺	3680 30	1 ⁺	4880 30	1 ⁺
1120 30	1 ⁺	2410 30	1 ⁺	3850 30	1 ⁺	5310 30	1 ⁺
1340 30	1 ⁺	2720 30	1 ⁺	4050 30	1 ⁺	5570 30	1 ⁺

[†] From [1995Ph01](#).

[‡] From $\Delta L=0$ in [1995Ph01](#).