

$^{123}\text{Sb}(\text{d,t})$ 1967Hj04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

$J^\pi(^{123}\text{Sb})=7/2^+$.

E(d)=15 MeV; magnetic spectrograph, FWHM $\approx$ 50 keV; $\sigma(\theta)$; enriched metallic target.

 ^{122}Sb Levels

L(β),S(β) L=(2); C²S'=1.30 for combined fit for the 1150+1187 level.

E(level) [†]	L [#]	C ² S' [#]	E(level) [†]	L [#]	C ² S' [#]	E(level) [†]	L [#]	C ² S' [#]
13 [‡]			594 15			1150 20		
65 10	(0)	0.39	640? 15			1187 20		
126 10	(0),(2)	0.16,0.51	700? 15			1220 20		
195 10	(0)	0.39	750? 15			1240 20		
272 10			870? 15			1325 20		
324 10			967 15			1400? 20		
383 10			1020 20	(2)	0.28	1450? 20		
470 10	(2)	0.34	1109? 20			1540? 20	(2)	0.39

[†] E(levels) from 1967Hj04 with the addition of 30 keV to the authors' data to compensate for the systematic deviation from other E(level) data (evaluator).

[‡] Either g.s. or positive-parity state as observed in (d,p) or (p,d).

[#] From 1967Hj04.