

$^{121}\text{Sb}(\text{p},4\text{n}\gamma)$ 1973SaZL

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	K. Kitao	NDS 75,99 (1995)	1-Feb-1993

E=55 MeV; semi G.
 $J^\pi(^{121}\text{Sb})=5/2^+$.

 ^{118}Te Levels

E(level) [†]	J^π [‡]
0.0	0 ⁺
605.4 8	2 ⁺
933.9? 13	
1151.1 8	2 ⁺
1206.8 10	4 ⁺
1703.9 10	(4) ⁺
1820.3 14	6 ⁺
1891.4 10	(3) ⁺
2571.8 18	8 ⁺

[†] From a least-squares fit to E(γ 's).

[‡] From Adopted Levels.

 $\gamma(^{118}\text{Te})$

E_γ	I_γ [‡]	$E_i(\text{level})$	J_i^π	E_f	J_f^π	E_γ	I_γ [‡]	$E_i(\text{level})$	J_i^π	E_f	J_f^π
328.5	5.8	933.9?		605.4	2 ⁺	684.5	1.0	1891.4	(3) ⁺	1206.8	4 ⁺
497 [†]		1703.9	(4) ⁺	1206.8	4 ⁺	740.5	3.2	1891.4	(3) ⁺	1151.1	2 ⁺
546	8.7	1151.1	2 ⁺	605.4	2 ⁺	751.5	12.5	2571.8	8 ⁺	1820.3	6 ⁺
553.0	5.2	1703.9	(4) ⁺	1151.1	2 ⁺	1098.5	1.8	1703.9	(4) ⁺	605.4	2 ⁺
601.0	80.1	1206.8	4 ⁺	605.4	2 ⁺	1151	1.2	1151.1	2 ⁺	0.0	0 ⁺
605.5	100	605.4	2 ⁺	0.0	0 ⁺	1286	1.5	1891.4	(3) ⁺	605.4	2 ⁺
613.5		1820.3	6 ⁺	1206.8	4 ⁺						

[†] No intensity was given (1973SaZL).

[‡] Relative to I(605.5 γ)=100.

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Level Scheme

 Intensities: Relative I_γ

Legend

- $I_\gamma < 2\% \times I_\gamma^{\max}$
- $I_\gamma < 10\% \times I_\gamma^{\max}$
- $I_\gamma > 10\% \times I_\gamma^{\max}$

