

$^{124}\text{Te}(\text{p,t})$ 1972Au02,1976Ma21

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

1972Au02: E(p)=33 MeV; magnetic spectrograph, $\Delta E=25$ keV, $\sigma(\theta)$; DWBA analysis, deduced L.

1976Ma21, 1974Ma22, 1973Ya07: E(p)=51.9 MeV; broad-range magnetic spectrograph, FWHM=0.18%, $\sigma(\theta)$; enriched target 96.2%; DWBA analysis, deduced L.

Others: 1973SeZB, 1972SeZP.

 ^{122}Te Levels

E(level) [†]	L [‡]	Comments
0.0	0	
564 3	2	
1190 6		
1259 6	2	
1360 7	(0)	
1750 8	(0)	
1910? 10		
2040 10		
2200 11	3,(4)	L: L=3 from 1976Ma21, L=(3,4) from 1972Au02.
2300 [#] 12		
2410 12	(2),5	L: L=(2) from 1972Au02, L=5 from 1976Ma21. E(level); probable doublet.
2450 12	(4)	
2510 13	(2)	
2600 13		
2690 13	(4)	
2750? 14		
2800 [#] 14	7	L: from 1976Ma21.
2900 15		
2950 [#] 15		
3060 [#] 15		
3160 16		
3220 16		
3260 16		
3350 [#] 17		
3460 [#] 17		
3540 [#] 18		
3630 [#] 18		

[†] E(levels) are taken from 1972Au02, unless otherwise noted; uncertainties of E(levels) were estimated by the evaluator on the basis of $\Delta E \approx 0.5\%$.

[‡] From 1972Au02, unless otherwise noted.

[#] Probable multiplet.