$^{126}\text{Te(t,d)}$ **1981Sh02**

	Type	Author	History Citation	Literature Cutoff Date
	Full Evaluation	A. Hashizume	NDS 112, 1647 (2011)	1-Oct-2009

1981Sh02: E=16 MeV; magnetic spectrograph, energy resolution 13-15 keV; $\sigma(\theta)$ θ=10°−70° (11 angles); deduced S, enriched target.

^{127}Te Levels

E(level)	L[†]	S[‡]	E(level)	L[†]	S[‡]	E(level)	L[†]	S[‡]	E(level)	L[†]	S[‡]
0.0	2	0.353	1137 5	2	0.011	1801? 5	3	0.011,0.007	2227 5	0	0.068
60 5	0	0.257	1154 5	(5)	0.014,0.006	1902 5	2	0.039,0.022	2258 5	2	0.005,0.003
87 5	5	0.793	1285? 5	3	0.010,0.006	1941? 5	(3)	0.003,0.002	2299 5	3	0.061,0.036
503 5	2	0.020,0.011	1348 5			1961? 5			2344 5		
632 5	0	0.040	1373 5	2	0.009,0.005	1992? 5	1	0.072,0.034	2382? 5		
688 5			1399? 5	4	0.035,0.018	2009? 5	3	0.187,0.111	2451? 5	(1)	0.146,0.069
764 5	2	0.021,0.012	1427? 5	2	0.002,0.001	2081? 5	0	0.234	2478 5		
784 5	2	0.066	1546? 5	2	0.020,0.012	2119? 5	(3)	0.214,0.127			
925 5	4	0.032	1676? 5	1	0.008,0.004	2150? 5	3	0.035,0.020			
1076? 5	(1)	0.005,0.002	1750? 5	2	0.005,0.003	2188? 5	0	0.465			

[†] From comparison of measured angular distributions with DWBA calculations.
[‡] From DWBA. Pairs of values correspond to J=L−1,L+1, respectively.