^{128}Te(t,d) 1981Sh02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Janos Timar and Zoltan Elekes, Balraj Singh	NDS 121, 143 (2014)	31-May-2014

1981Sh02: E=16 MeV; magnetic spectrograph, σ(E,θ), deduced spectroscopic factors; FWHM=13-15 keV, enriched target.

^{129}Te Levels

E(level)	L	C^2S[†]	Comments
0.0	2	0.317	C^2S: if $2d_{3/2}$.
106 *5*	5	0.238	C^2S: if $1h_{11/2}$.
179 *5*	0	0.197	C^2S: if $3s_{1/2}$.
542 *5*	2	0.004, 0.002	
635 *5*	2	0.008, 0.004	
763 *5*	3	0.026, 0.015	
814 *5*	(4)	0.010, 0.005	
878 *5*	3	0.006, 0.003	
967 *5*	2	0.032	C^2S: if $2d_{5/2}$.
1155 *5*	0	0.002	
1210 *5*	4	0.015, 0.006	
1284 *5*	2	0.015, 0.009	
1306 *5*	4	0.022, 0.011	
1435 *5*	(2)	0.003, 0.002	
1487 *5*	4	0.002, 0.001	
1558 *5*	1	0.003, 0.001	
1654 *5*	0	0.035	
1753 *5*	2	0.019, 0.010	
1776 *5*	(2)	0.004, 0.002	
1837 *5*	(0)	0.003	
1869 *5*	3	0.007, 0.004	
2040 *5*	1	0.029, 0.014	
2071 *5*	3	0.018, 0.010	
2108 *5*	3	0.216, 0.128	
2131 *5*	(0)	0.040	
2221 *5*	3	0.360, 0.214	
2261 *5*	1	0.037, 0.017	
2314 *5*	(0)	0.026	
2360 *5*	1	0.337, 0.159	
2379 *5*	1	0.223, 0.105	
2491 *5*	0	0.032	

[†] From DWBA, first value for L-1/2, second for L+1/2.