^{17}O(d,t) 1990Sa27

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, D. R. Tilley, H. R. Weller and C. M. Cheves	NP 564 1 (1993)	31-Dec-1992

Projectile: energy: 89 MeV.

^{16}O Levels

E(level)	L	Comments
0.	2	DS/DW=1736 *22*. $C^2S(5/2)$=1.034 *84*.
6045. *8*	2	DS/DW=17.9 *22*. $C^2S(5/2)$=0.016 *4*.
6131. *3*	1	DS/DW=527 *22*. $C^2S(1/2)$=0.58 *14*; $C^2S(3/2)$=0.373 *81*.
6913. *4*	(2)	DS/DW=79. *12*. $C^2S((5/2))$=(0.030 *4*).
7115. *3*	1	DS/DW=39.2 *32*. $C^2S(3/2)$=0.055 *6*.
8870. *3*	1	DS/DW=289 *24*. $C^2S(1/2)$=0.335 *86*; $C^2S(3/2)$=0.137 *48*.
9841. *6*	2	DS/DW=12.9 *27*. $C^2S(5/2)$=0.007 *3*.
10354. *3*	(2)	DS/DW=19.9 *35*. $C^2S((5/2))$=(0.016 *4*).
10955. *9*		DS/DW=6.7 *34*.
11.08×10^3		
11095. *6*		DS/DW=26.1 *53*.
11525. *9*		DS/DW=20. *19*.
12528. *6*	1	DS/DW=54. *22*. $C^2S(1/2)$=0.234 *46*; $C^2S(3/2)$=0.036 *15*.
12782. *23*		DS/DW=29.8 *50*.
12971. *3*	1	DS/DW=356 *22*. $C^2S(1/2)$=0.40 *10*.
13.09×10^3		
13148. *14*	1	DS/DW=62. *17*. $C^2S(1/2)$=0.058 *19*; $C^2S(3/2)$=0.019 *12*.
13256. *3*	1	DS/DW=335 *22*. $C^2S(1/2)$=0.56 *11*.
13857. *30*	(2)	DS/DW=10.3 *46*. $C^2S((5/2))$=(0.015 *3*).
13979. *17*	1	DS/DW=11.9 *47*. $C^2S(3/2)$=0.016 *4*.
14313. *18*		DS/DW=24.1 *92*.
14409. *11*		DS/DW=7.8 *62*.
15195. *32*	1	DS/DW=38. *17*. $C^2S(3/2)$=0.106 *30*.
15414. *6*	1	DS/DW=76. *17*. $C^2S(3/2)$=0.242 *38*.
16808. *11*	(2)	DS/DW=72.0 *43*. $C^2S((5/2))$=(0.015 *5*).
17776. *11*	1	DS/DW=48. *14*. $C^2S(3/2)$=0.089 *45*.
18027. *7*	1	DS/DW=76. *21*. $C^2S(3/2)$=0.102 *23*.
18483. *17*	1	DS/DW=95. *26*.

Continued on next page (footnotes at end of table)

^{17}O(d,t) 1990Sa27 (continued)

^{16}O Levels (continued)

E(level)	L	Comments
		$C^2S(3/2)=0.129$ *28*.
18978. *7*	1	DS/DW=502 *11*.
		$C^2S(3/2)=0.706$ *65*.
19210. *14*	1	DS/DW=227 *10*.
		$C^2S(3/2)=0.338$ *36*.
19806. *11*	1	DS/DW=0.28E3 *13*.
		$C^2S(3/2)=0.42$ *12*.
20481. *8*	1	DS/DW=65. *10*.
		$C^2S(1/2)=0.015$ *18*; $C^2S(3/2)=0.144$ *29*.
20922. *30*	1	DS/DW=15.6 *56*.
		$C^2S(3/2)=0.032$ *9*.
22857. *60*	1	DS/DW=50. *12*.
		$C^2S(3/2)=0.109$ *23*.