

$^{16}\text{O}(t,p)$ 1981Co13

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Tilley, Weller, Cheves, Chasteler		NP A595, 1 (1995)	31-Oct-1994

Projectile: t, E=15 MeV.

 ^{18}O Levels

E(level)	J ^{π}	L	Comments
0.0	0 ⁺	0	
1986 4	2 ⁺	2	
3556 2	4 ⁺	4	
3634	0 ⁺	0	Nominal energy.
3915 2	2 ⁺	2	
4458 3	1 ⁻	1	
5105 2	3 ⁻	3	
5258 6	2 ⁺	2	
5340 4	0 ⁺	0	
5382 4			
5530 4			
6197 3	1 ⁻	1	
6356 7	(1 ⁻ ,2 ⁺)	1,2	
6399 3	3 ⁻	3	
6885 9			
7123 7	4 ⁺	4	
7623 18			
7782 6			
7871 † 2			
7983 † 3			
8046 7			
8140 10			
8233 9			
8294 † 5			
8430 12			
8521 † 3			
8660 6			
9030 15			This is the average of several unresolved levels. The main components are at 8.96 and 9.03 MeV. 1985Fo11 .
9362 † 5			
9420 20			
9480 30			
9671 8			
9713 7			
9890 11			
10120 40			
10300 20			
10400 10			
10610 20			

† Comparisons of level energy with Adopted Levels suggest the uncertainty shown may be low. An error of 6keV was arbitrarily used in calculating the energy of this state in the Adopted Levels.