

$^{17}\text{O}(\text{d,p})$

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

For references see tables 18.7 in [1972Aj02](#) and [1978Aj03](#).

 ^{18}O Levels

E(level) [†]	J ^π [‡]	L(n)	S [#]	Comments
0	0 ⁺	2	1.22	
1982 10	2 ⁺	0 + 2	0.21+0.83	
3552 10	4 ⁺	2	1.57	
3630	0 ⁺	2	0.28	
3920	2 ⁺	0 + 2	0.35+0.66	
4460	1 ⁻	1	0.03	
5100	3 ⁻	3	0.03	
5255 10	2 ⁺	0	0.35	
5340	0 ⁺	2	0.16	
5375 10	3 ⁺	0	1.01	
6200	1 ⁻	1	0.03	
6350	(2 ⁻)	1	0.03-0.04	
7110 15	4 ⁺	2		
7855 20				
7962 20				
9000	4 ⁺			1985Fo11 assign J ^π =4 ⁺ and a (1d-5/2)(1d-3/2) configuration to this level.

[†] Energy values without uncertainties are nominal.

[‡] J^π are consistent with L(n).

[#] J^π are used to calculate S.