

Table 17.10 from (1986AJ04):  
Levels of  $^{17}\text{O}$  from  $^{15}\text{N}(^3\text{He}, \text{p})^{17}\text{O}$  <sup>a</sup>

$E_x$ <sup>b</sup> (MeV)	$L$ <sup>c</sup>	$E_x$ <sup>b</sup> (MeV)	$L$ <sup>c</sup>
0	(1 + 3)	8.192	0
0.874	1	8.322	
3.053	0	8.390	
3.845	2	8.492	(2)
4.549	0	8.682	
5.081	(1)	8.900	
5.215	(4)	8.955	
5.381	0	9.16	(4)
5.698	2	9.495	
5.873	(1)	9.712	
5.938	0	9.856	
6.37		(10.24)	
6.861	(0)	10.33	
6.973	(1 + 3)	10.57	
7.162	2	10.782	
7.382	2	10.913	
7.561		$11.032 \pm 0.004$ <sup>d</sup>	
7.687		$11.075 \pm 0.004$ <sup>e</sup>	
7.761	4		
7.938			
8.054	(1)		

<sup>a</sup> For references see [Table 17.10 in \(1982AJ01\)](#).

<sup>b</sup>  $\pm 10$  keV, except where shown otherwise.

<sup>c</sup>  $E(^3\text{He}) = 18$  MeV.

<sup>d</sup>  $T = \frac{1}{2}$ .

<sup>e</sup>  $J^\pi = \frac{1}{2}^-$ ;  $T = \frac{3}{2}$ : see [Table 17.11](#).