

Table 17.16 from (1977AJ02):  
 $T = \frac{3}{2}$  states of  $^{17}\text{O}$  from  $^{18}\text{O}(^3\text{He}, \alpha)^{17}\text{O}$  <sup>a,b</sup>

$E_x$ (MeV $\pm$ keV)	$l_n$	$J^\pi$	$C^2S$ <sup>c</sup>
11.082 $\pm$ 6	1	$(\frac{1}{2})^-$	0.49
12.471 $\pm$ 5	1	$(\frac{3}{2})^-$	0.27
12.950 $\pm$ 8	0	$\frac{1}{2}^+$	0.096
12.994 $\pm$ 8			
13.640 $\pm$ 5	2	$(\frac{5}{2})^+$	0.39
14.219 $\pm$ 8			
14.282 $\pm$ 12			
15.101 $\pm$ 8			

<sup>a</sup> See also [Table 17.11](#).

<sup>b</sup> (1969DE06).

<sup>c</sup> Calculated assuming  $C^2S = 4$  for  $^{15}\text{O}^*(6.18)$ .