

Table 18.9 from (1972AJ02):  
 $^{18}\text{O}$  states from  $^{19}\text{F}(d, ^3\text{He})^{18}\text{O}$  <sup>a</sup>

$E_x$ (MeV $\pm$ keV)	$l$	$C^2S$ <sup>d</sup>
0	0 <sup>c</sup>	1.00
1.97 $\pm$ 20	2 <sup>c</sup>	1.39
3.63 $\pm$ 100 <sup>b</sup>	0 + 2 + 4	$\approx$ 0.2
4.45 $\pm$ 10	1 <sup>c</sup>	1.31
5.28 $\pm$ 30 <sup>b</sup>	0 + 2	$\approx$ 1.2
6.27 $\pm$ 10 <sup>b</sup>	1	0.70
6.90 $\pm$ 20	1	1.03
7.67 $\pm$ 30 <sup>b</sup>	1	0.42
9.76 $\pm$ 150 <sup>b</sup>		
11.14 $\pm$ 70	1	0.65
11.75 $\pm$ 70 <sup>b</sup>	1	0.72
12.25 $\pm$ 70	1	0.89
14.10 $\pm$ 200		
14.56 $\pm$ 100		

<sup>a</sup> (1969KA1A, 1970KA31):  $E_d = 51.7$  MeV; DWBA analysis.

<sup>b</sup> Corresponds to unresolved states.

<sup>c</sup> See also (1965ZE04).

<sup>d</sup> Normalized to 1.00 for the ground-state transition.