

Table 15.20 from (1986AJ01):  
Levels of  $^{15}\text{O}$  from  $^{12}\text{C}(^6\text{Li}, t)^{15}\text{O}$  <sup>a</sup>

$E_x$ (MeV $\pm$ keV)	$L$	$E_x$ (MeV $\pm$ keV)	$L$
5.180 $\pm$ 5		11.72 $\pm$ 10	c
5.242 $\pm$ 5	b	11.98 $\pm$ 10	
6.179 $\pm$ 5		12.295 $\pm$ 10	c
6.790 $\pm$ 5		12.60 $\pm$ 10	
6.865 $\pm$ 5	b	12.835 $\pm$ 10 <sup>e</sup>	3
7.275 $\pm$ 5	b	13.55 $\pm$ 10	c,d
8.285 $\pm$ 5	b	13.75 $\pm$ 10	c,d
8.918 $\pm$ 5	c	14.27 $\pm$ 10	c
8.978 $\pm$ 5		15.05 $\pm$ 10 <sup>e</sup>	3
9.485 $\pm$ 5		15.48 $\pm$ 10	
9.610 $\pm$ 5	c,d	15.54 $\pm$ 10	
9.658 $\pm$ 5	c,d	15.60 $\pm$ 10	c,d
9.76 $\pm$ 5		15.65 $\pm$ 10	
10.27 $\pm$ 5		15.80 $\pm$ 10	
10.45 $\pm$ 5 <sup>e</sup>	3	17.46 $\pm$ 20	
11.145 $\pm$ 10		17.51 $\pm$ 20	
11.56 $\pm$ 10			

<sup>a</sup> (1975BI06):  $E(^6\text{Li}) = 59.8$  MeV.

<sup>b</sup> Angular distributions measured and compared with those of the ( $^6\text{Li}, ^3\text{He}$ ) reaction to analog states in  $^{15}\text{N}$ .

<sup>c</sup> Angular distributions measured: analog states in  $^{15}\text{N}$  not known.

<sup>d</sup> Unresolved in angular distribution.

<sup>e</sup>  $\Gamma_\gamma/\Gamma < 0.13$ .