

Table 15.17 from (1976AJ04):  $^{15}\text{N}$  levels  
 from  $^{15}\text{N}(^3\text{He}, ^3\text{He}')$  and  $^{15}\text{N}(\alpha, \alpha')^{15}\text{N}$

$^{15}\text{N}^* \text{ }^{\text{a}}$ (MeV $\pm$ keV)	$L \text{ }^{\text{a}}$	$^{15}\text{N}^* \text{ }^{\text{b}}$ (MeV)	$L \text{ }^{\text{b}}$
0		0	
5.28 $\pm$ 30	3	5.27 + 5.30	3
6.32	2	6.32	2
7.16	3	7.16	<sup>c</sup>
7.30	1	7.30	1
7.57	3	7.57	3
8.31	1	8.31	<sup>c</sup>
8.58	1	8.58	<sup>c</sup>
9.17 $\pm$ 30		9.16	
9.79 $\pm$ 40		9.83	
10.03 $\pm$ 40		10.07	
10.71 $\pm$ 40			
11.34 $\pm$ 40			
11.92 $\pm$ 40			
12.52 $\pm$ 40			
14.12 $\pm$ 40			
15.11 $\pm$ 40			

<sup>a</sup> ( $^3\text{He}, ^3\text{He}'$ ): (1969BA06).

<sup>b</sup> ( $\alpha, \alpha'$ ) (1966HA19). The  $E_x$  were determined.

<sup>c</sup> Weakly excited. See also (1965BU05, 1969BA06).