

Table 16.29 from (1971AJ02): Energy levels of ^{16}O
 from $^{16}\text{O}(\alpha, \alpha')^{16}\text{O}^*$ (1964HA16, 1966HA19)

E_x ^a (MeV)	L	λ	$B(\lambda) \downarrow / e^2$
6.137 ^b	3	E3	90 fm ⁶
6.903	2	E2	7.7 fm ⁴
6.973	1		
8.876 ^b	3 ^c		
9.797			
10.308	e		
11.069			
11.480	e		
11.997	e		
12.492 ^d	e		
12.989 ^d	e		
13.966	e		
14.975	e		

^a ± 50 keV (1964HA16).

^b Used to set energy scale.

^c Weakly excited.

^d Unresolved groups.

^e Angular distribution measured but L -value not assigned.