

Table 19.7 from (1995TI07):
Levels of ^{19}O from $^{18}\text{O}(\alpha, ^3\text{He})^{19}\text{O}$ ^a

E_x (MeV)	l	J^π ^b	σ_{Int} ^c (mb)
0	2	$\frac{5}{2}^+$	2.60
0.1	2	$\frac{3}{2}^+$	0.19
1.47	0	$\frac{1}{2}^+$	0.08
3.07	2	$\frac{3}{2}^+$	0.03
3.15	2	$\frac{5}{2}^+$	0.06
3.24	2	$\frac{3}{2}^+$	0.05
4.70	2	$\frac{5}{2}^+$	0.09
5.33 ^d	2	$\frac{3}{2}^+$	0.18
5.70	3	$\frac{7}{2}^-$ ^e	0.14
6.27	3	$\frac{7}{2}^-$	0.31

^a (1992YA08) $E_\alpha = 65$ MeV; DWBA analysis.

^b Cited from (1987AJ02).

^c Integrated cross section.

^d See discussion of this level in (1992YA08) and (1974SE01). See also Table 19.6 here.

^e Proposed in (1992YA08).