

Table 19.14 from (1983AJ01):
States of ^{19}F from $^{17}\text{O}(^3\text{He}, \text{p})$ ^a

E_x (MeV \pm keV)	L	E_x (MeV \pm keV)	L
0.0 ^b	2 (+4)	4.373 \pm 4 ^b	0 + 2
0.106 \pm 10	(1 + 3)	4.545 \pm 6 ^b	2
0.188 \pm 5 ^b	0	4.644 \pm 6 ^b	4
1.346 \pm 10	3 (+5)	5.099 \pm 4 ^d	0 + 2
1.460 \pm 8	1 + 3	5.332 \pm 10	
1.556 \pm 3 ^b	0	5.414 \pm 8	3 (+5)
2.783 \pm 3 ^b	2	5.465 \pm 3 ^b	2
3.902 \pm 9 ^c	2 + 0	5.533 \pm 8	2 + 4
3.993 \pm 5	3 (+5)	5.621 \pm 7	1 \pm 3
4.026 \pm 12			

^a (1978FO22, 1979BI05, 1979FO06): $E(^3\text{He}) = 18$ MeV.

^b Dominant (sd)³ character.

^c $\frac{3}{2}^+$; predominantly 5p-2h.

^d Second (sd)³ $\frac{5}{2}^+$ level.