

Table 19.22 from (1995TI07):
Energy levels of ^{19}F from $^{18}\text{O}(\alpha, t)^{19}\text{F}$ ^a

E_x (MeV) ^b	J^π ^b	σ_{INT} (mb)
0	$\frac{1}{2}^+$	0.13
0.20	$\frac{5}{2}^+$	4.84
1.55	$\frac{3}{2}^+$	1.22
4.00	$\frac{7}{2}^-$	0.2
5.34	$\frac{1}{2}^+$ ^a	0.05
5.42	$\frac{7}{2}^-$	0.18
5.5	$\frac{3}{2}^+$	0.17
5.53	$\frac{5}{2}^+$	0.27
5.94	$\frac{1}{2}^+$	0.03
6.16	$\frac{7}{2}^-$	0.23
6.26	$\frac{1}{2}^+$	0.03
6.28	$\frac{5}{2}^+$	0.09
6.5	$\frac{3}{2}^+$	0.11
6.93	$\frac{7}{2}^-$	0.56
7.36	$\frac{1}{2}^+$	0.03
7.54	$\frac{5}{2}^+; T = \frac{3}{2}$	0.64
7.66	$\frac{3}{2}^+; T = \frac{3}{2}$	0.09
8.02	$\frac{5}{2}^+$	0.13
8.79	$\frac{1}{2}^+; T = \frac{3}{2}$	0.02
13.32	$\frac{7}{2}^-; T = \frac{3}{2}$ ^a	0.04
13.73	$\frac{7}{2}^-; T = \frac{3}{2}$	0.06

^a See Table II of (1992YA08) for more complete information including experimental and calculated spectroscopic factors.

^b Cited from (1987AJ02) except where noted.