

Table 19.14 from (1978AJ03):
States of ^{19}F from $^{16}\text{O}(^7\text{Li}, \alpha)^{19}\text{F}$ ^a

E_x ^b (MeV \pm keV)	$(d\sigma/d\Omega)_{\text{max}}$ (mb/sr)	E_x ^b (MeV \pm keV)	$(d\sigma/d\Omega)_{\text{max}}$ (mb/sr)
0	0.34	5.50	0.96
0.11	0.05	6.08	1.5
0.20	1 – 2	6.48	} 0.21
1.35	0.15	6.50	
1.46	0.08	6.53	1.07
1.56	0.87	6.89 ± 20	4.2
2.78	1.3	7.21 ± 20	0.37
3.91	0.07	7.70 ± 20	2.7
4.00	} 0.48	7.94 ± 20	0.26
4.03		8.53 ± 20	3.1
4.38	0.12	8.89 ± 20	2.8
4.55	} 0.30	9.53 ± 20	4.7
4.56		9.81 ± 20	3.8
4.65	3.7	10.32 ± 20	1.4
5.11	0.36	10.44 ± 20	2.8
5.34	0.22	^c	
5.47	1.3		

^a (1974TS03): $E(^7\text{Li}) = 35$ MeV.

^b Nominal energies except for the latest ten values.

^c At $E(^7\text{Li}) = 30$ MeV the excitation of $^{19}\text{F}^*(7.25, 10.2, 12.1, 13.4)$ and of $^{19}\text{F}^*(12.90 \pm 0.05, 13.46 \pm 0.05, 13.94 \pm 0.05, 14.30 \pm 0.05)$ are reported by (1969GL06) and by (1972BA1P, 1973WE11), respectively.