

Table 18.20 from (1983AJ01): States of ^{18}F from $^{19}\text{F}(p, d)$ ^a

E_x (MeV) ^b	$J^\pi; T$ ^b	l_n	C^2S
0.0	$1^+; 0$	0	0.65
0.94	$3^+; 0$	2	1.47
1.04	$0^+; 1$	0	0.27
1.08	$0^-; 0$	1	0.38
1.12	$5^+; 0$		
1.70	$1^+; 0$	0	0.07
2.10	$2^-; 0$	1	(0.03)
2.52	$2^+; 0$	2	≈ 0
3.06	$2^+; 1$	2	0.74
3.13	$1^-; 0$	1	1.04
3.36	$3^+; 0$	2	≈ 0
3.72	$1^+; 0$	$0 + 2$	$0.015 + 0.22$
3.79	$3^-; 0$		
3.84	$2^+; 0$	2	0.50
4.12	$3^+; 0$		≈ 0
4.23	$2^-; 0$	1	(0.015)
4.36	$(1^{(+)})$	$0 + 2$	$0.04 + 0.13$
4.40	$4^-; 0$		
4.65	$4^+; 1$		
4.75	$(0^+; 1)$	$0 + 2$	$0.03 + 0.08$
4.86	$1^-; 0$	1	(0.11)
4.96	$2^+; 1$	2	≈ 0
5.30	$4^+; 0$		
5.50	$3^{(-)}; 0$		
5.603	1^+		
5.605	$1^-; 0 + 1$	1	(0.82)
5.67	$1^-; 0 + 1$	1	(0.44)
5.79	$2^-; 0$		
6.10	$4^-; 0$		

^a (1980DE05): $E_p = 19.3$ MeV; DWBA analysis.

^b Values from Table 18.11.