

Table 20.6 from (1983AJ01):
States of ^{20}F from $^{14}\text{N}(^7\text{Li}, \text{p})$ and $^{16}\text{O}(^7\text{Li}, ^3\text{He})$

E_x (keV) ^a	E_x (keV) ^b	$J\pi$ ^{a,b}
0	0	2^+
657 ± 6	654 ± 4	3^+
820 ± 5	819 ± 3	4^+
984 ± 5	974 ± 6	1^-
1049 ± 5	1044 ± 6	1^+
1310 ± 6	1310 ± 2	2^-
1826 ± 4 ^c		5^+
	1824 ± 2 ^c	(2^-)
1969 ± 5	1973 ± 3	(3^-)
2040 ± 3	2043 ± 3	2^+
2194 ± 6	2197 ± 3	3^+
2863 ± 5	2866 ± 2	(3^-)
2962 ± 3 ^c	2968 ± 3	
3171 ± 4	3176 ± 3	1^+
3491 ± 3 ^c	3491 ± 4 ^c	0^+
3578 ± 5 ^d	3593 ± 3	
3674.2 ± 2.8 ^d	3680 ± 5	
3756.5 ± 2.3	3760 ± 2	$(2^-, 3^+)$ ^e
3967 ± 5	3972 ± 4	1^+
4080 ± 4 ^d	4082 ± 10	
4198 ± 3 ^c	4205 ± 3 ^c	
4274 ± 3 ^c	4285 ± 5 ^c	
4366 ± 8	4372 ± 12	$0^{(-)}$
4508 ± 4	4513 ± 3	$(6^+, 4^-)$ ^e
4576.8 ± 2.6 ^c	4583 ± 3 ^c	
4736 ± 4	4729 ± 3	$(5^+, 6^+, 4^-)$
4768 ± 4	4767 ± 4	$(5^+, 6^+, 4^-)$
4887.9 ± 2.9 ^c	4901 ± 4 ^c	
	5057 ± 7 ^c	
	5144 ± 6	

Table 20.6 from (1983AJ01):
States of ^{20}F from $^{14}\text{N}(^7\text{Li}, \text{p})$ and $^{16}\text{O}(^7\text{Li}, ^3\text{He})$ (continued)

E_x (keV) ^a	E_x (keV) ^b	$J\pi$ ^{a,b}
	5236 ± 7	
	5326 ± 3 ^c	
	5414 ± 3	
	5470 ± 4 ^c	
	5554 ± 9 ^c	
	5608 ± 12	
	5776 ± 5 ^c	
	5951 ± 4	
	6033 ± 4 ^c	
	6199 ± 10 ^c	

^a (1977FO11): $E(^7\text{Li}) = 16$ MeV. Some E_x values have been rounded off.

^b (1978FO14): $E(^7\text{Li}) = 24$ MeV.

^c Unresolved.

^d Possible doublet.

^e If single state.