

Table 20.11 from (1972AJ02): Resonances in $^{19}\text{F}(n, n)^{19}\text{F}$

E_n (keV)	Γ_{lab} (keV)	J^π	$^{20}\text{F}^*$ (MeV)	Refs.
15.25			6.616	(1964HI04)
27.35	0.30	2^-	6.627	(1964HI04)
31.9			6.632	(1964HI04)
34.0			6.634	(1964HI04)
38.0			6.637	(1964HI04)
49.7	1.70	1^-	6.648	(1964HI04)
70.5			6.668	(1964HI04)
87.8	4.00	0^-	6.685	(1964HI04)
96.0	5.50	1^-	6.692	(1964HI04)
100.0	1.10	2^-	6.696	(1964HI04)
102.4	3.00	1^+	6.699	(1964HI04)
113.2	1.20	0^-	6.709	(1964HI04)
121.7	1.00	0^-	6.717	(1964HI04)
134.0		(0^-)	6.729	(1964ST25)
138.0		(0^-)	6.732	(1964ST25)
143.1		(0^-)	6.737	(1964ST25)
148.0		(0^-)	6.742	(1964ST25)
152.5		(0^-)	6.746	(1964ST25)
200.2	2.0	0^+	6.791	(1964HI04)
246.0	1.8	1^+	6.835	(1964HI04)
247.8	0.4	1^+	6.837	(1964HI04)
267.7	1.4	1^+	6.856	(1964HI04)
270	20	1	6.858	(1964ST25)
425	25	0	7.005	(1964ST25)
500	25	(1^+)	7.076	(1964ST25, 1966CA14)
600	15	(2^+)	7.171	(1964ST25, 1966CA14)
747	35	(1)	7.311	(1966CA14)
794	20	(1)	(7.355)	(1966CA14)
852	11	(2^+)	7.410	(1966CA14)
935	60	(2)	7.489	(1958WI36, 1964ST25, 1966CA14)
1100	50	(2^+)	7.65	(1958WI36, 1964ST25, 1966CA14)

Table 20.11 from (1972AJ02): Resonances in $^{19}\text{F}(n, n)^{19}\text{F}$ (continued)

E_n (keV)	Γ_{lab} (keV)	J^π	$^{20}\text{F}^*$ (MeV)	Refs.
1250	150		7.79	(1958WI36, 1964ST25)
1620	220		8.14	(1958WI36, 1964ST25)
2000	150		8.50	(1958WI36, 1964ST25)
2250	≤ 30		8.74	(1958WI36, 1964ST25)
2280	80		8.77	(1958WI36, 1964ST25)
2520	150		8.99	(1958WI36, 1964ST25)
3250	150		9.69	(1958WI36, 1964ST25)
3420	130		9.85	(1958WI36, 1960TS02, 1964ST25)
3460 ± 10			(9.887)	(1960TS02)
3505 ± 10			(9.929)	(1960TS02)
3560 ± 10			(9.982)	(1960TS02)
3605 ± 10	200		10.024	(1958WI36, 1960TS02, 1964ST25)
3820 ± 10	≈ 200	$0^-, 1$	10.228	(1960TS02)
4085 ± 10	≈ 10		10.480	(1960TS02)
4255 ± 10	≈ 60	1, 2	10.641	(1960TS02)
4430 ± 10	≈ 330	$0^-, 1$	10.807	(1960TS02)
4680 ± 10	≈ 30		11.045	(1960TS02)
4770 ± 10	< 25		11.130	(1960TS02)
4890 ± 10	< 25		11.244	(1960TS02)
(4935)			(11.29)	(1960TS02)