

Table 19.13 from (1972AJ02): Resonances in $^{18}\text{O}(p, n)^{18}\text{F}$ ^a

E_p (MeV \pm keV)	Γ_{lab} (keV)	Res. ^b in yield of	J^π	E_x in ^{19}F (MeV)	Refs.
2.643 \pm 1.0	6.5 \pm 0.5	n	$(\frac{3}{2})$	10.496	(1967PR04, 1969BE57)
2.691 \pm 1.0	2.6 \pm 0.2	n		10.541	(1967PR04, 1969BE57)
2.717 \pm 1.0	5.5 \pm 0.5	n		10.566	(1967PR04, 1969BE57)
2.767 \pm 1.5	5.0 \pm 0.5	n	$\frac{5}{2}^{(+)}$	10.613	(1967PR04, 1969BE57)
3.025 \pm 2.0	26.0 \pm 1.5	n	$\frac{3}{2}$	10.857	(1956MA18, 1969BE57)
3.145 \pm 3.0	\approx 12	n		10.971	(1969BE57)
3.163 \pm 3.0	\approx 11	n		10.988	(1969BE57)
3.248 \pm 3.0 ^c	33.0 \pm 5.0	n	$\frac{3}{2}$	11.069	(1956MA18, 1969BE57)
3.386 \pm 2	45 \pm 2	n	$(\frac{1}{2})$	11.199	(1956MA18)
3.495 \pm 4		n		11.302	(1956MA18)
3.63 \pm 10 ^e	85 \pm 20	n, n ₁		11.43	(1956MA18, 1964BA16, 1969DI07)
3.71		n, n ₁		(11.51)	(1964BA16, 1969DI07)
3.77 \pm 10	< 50	n, n ₂		11.56 ^d	(1964MA12, 1968BE34, 1969DI07)
3.83		n ₁		(11.62)	(1964BA16, 1969DI07)
3.86 \pm 10	40	n, n ₁		11.65	(1964BA16, 1969DI07)
4.00		n ₁ , n ₃		(11.78)	(1969DI07)
4.06 \pm 10	< 50	n, n ₁		11.84	(1964BA16, 1969DI07)
4.11		n ₁		(11.88)	(1969DI07)
4.16 \pm 10	90	n, n ₁		11.93	(1964BA16, 1969DI07)
4.33		n ₁ , n ₃		(12.09)	(1969DI07)
4.37 \pm 10	100	n, n ₁ , n ₂		12.13	(1964BA16, 1969DI07)
4.47	50	n, n ₁ , n ₂ , n ₃		12.23	(1964BA16, 1969DI07)
4.58 \pm 10		n ₁		(12.33)	(1969DI07)
4.70		n ₃		(12.44)	(1969DI07)
4.83		n ₁ , n ₂ , n ₃		(12.57)	(1969DI07)
4.90		n ₂		(12.63)	(1969DI07)
5.05 \pm 10	200	n, n ₁		12.77	(1964BA16, 1969DI07)
5.10		n ₁ , n ₂		(12.82)	(1969DI07)
5.20		n ₂ , n ₃		(12.92)	(1969DI07)
5.35		n, n ₁ , n ₂ , n ₃		13.06	(1964BA16, 1969DI07)

Table 19.13 from (1972AJ02): Resonances in $^{18}\text{O}(p, n)^{18}\text{F}$ ^a (continued)

E_p (MeV \pm keV)	Γ_{lab} (keV)	Res. ^b in yield of	J^π	E_x in ^{19}F (MeV)	Refs.
5.47 \pm 15	70	n, n ₁		13.17	(1964BA16, 1969DI07)
5.62 \pm 15	20	n, n ₁		13.31	(1964BA16, 1969DI07)
5.63		n ₁		(13.32)	(1969DI07)
5.76		n ₁ , n ₃		(13.45)	(1969DI07)
6.06 \pm 15	100	n, n ₁ , n ₂		13.73	(1964BA16, 1969DI07)
6.60 \pm 15	350	n		14.24	(1964BA16)
(6.70 \pm 15)		n		(14.34)	(1964BA16)
7.17 \pm 20	300	n		14.78	(1964BA16)
7.40 \pm 20		n		15.00	(1964BA16)
(7.8)		n		(15.4)	(1964BA16)
(7.98)		n		(15.55)	(1964BA16)
8.19 \pm 25	160	n		15.75	(1964BA16)
8.74 \pm 25	200	n		16.27	(1964BA16)
9.30 \pm 30		n		16.80	(1964BA16)

^a See also (1959AJ76).

^b n means in the total yield.

^c See also (1956MA18).

^d $T = \frac{3}{2}$: see (1968BE34).

^e Errors here and below are estimated from published data of (1964BA16) by H.B. Willard, private communication.