

Table 19.16 from (1978AJ03): Resonances in $^{18}\text{O}(p, n)^{18}\text{F}$ ^a

E_p (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	Res. ^b in yield of	$J\pi$	E_x in ^{19}F (MeV)	Refs.
2.643 \pm 1.0	6.2 \pm 0.5	n	$(\frac{3}{2})$	10.496	(1969BE57, 1973BA31)
2.691 \pm 1.0	2.5 \pm 0.2	n		10.542	(1969BE57, 1973BA31)
2.717 \pm 1.0	5.2 \pm 0.5	n		10.566	(1969BE57, 1973BA31)
2.767 \pm 1.5	4.7 \pm 0.5	n	$\frac{5}{2}^{(+)}$	10.613	(1969BE57, 1973BA31)
2.923 \pm 4	6 \pm 3	n		10.761	(1973BA31)
3.025 \pm 2.0	24.0 \pm 1.5	n	$\frac{3}{2}$	10.858	(1969BE57, 1973BA31)
(3.08 \pm 20)	\approx 60	n		(10.91)	(1973BA31)
3.148 \pm 3	14 \pm 2	n		10.974	(1969BE57, 1973BA31)
3.164 \pm 2.5	7 \pm 2	n		10.989	(1969BE57, 1973BA31)
3.250 \pm 2.5	35 \pm 4	n	$\frac{3}{2}$	11.071	(1969BE57, 1973BA31)
3.370 \pm 14	17 \pm 4	n		11.184	(1973BA31)
3.463 \pm 3	7 \pm 2	n		11.272	(1973BA31)
3.470 \pm 15	70 \pm 20	n		11.279	(1973BA31)
3.653 \pm 4	40 \pm 10	n, n ₁		11.452	(1973BA31)
3.680 \pm 5	7 \pm 3	n		11.478	(1973BA31)
3.705 \pm 5	4 \pm 2	n, n ₁		11.502	(1973BA31)
3.748 \pm 15	50 \pm 15	n		11.542	(1973BA31)
3.775 \pm 7	15 \pm 10	n, n ₂	$(T = \frac{3}{2})^c$	11.568	(1973BA31)
(3.79 \pm 20)	60 \pm 20	n		(11.58)	(1973BA31)
3.863 \pm 4	45 \pm 10	n, n ₁		11.651	(1973BA31)
4.00		n ₁ , n ₃		(11.78)	(1969DI07)
4.06 \pm 10 ^d	< 50	n, n ₁		11.84	(1964BA16, 1969DI07)
4.11		n ₁		(11.89)	(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)

Table 19.16 from (1978AJ03): Resonances in $^{18}\text{O}(\text{p}, \text{n})^{18}\text{F}$ ^a (continued)

E_p (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	Res. ^b in yield of	J^π	E_x in ^{19}F (MeV)	Refs.
4.90		n ₂		(12.63)	(1969DI07)
5.05 \pm 10	200	n, n ₁ , n ₂		12.77	(1964BA16, 1969DI07, 1973FR10)
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)
5.47 \pm 15	70	n, n ₁		13.17	(1964BA16, 1969DI07)
5.622 \pm 15	30	n, n ₁ , n ₂	$(T = \frac{3}{2})$	13.317	(1969DI07, 1973FR10)
5.76		n ₁ , n ₃		(13.45)	(1969DI07)
6.061 \pm 15	50	n, n ₁ , n ₂	$(T = \frac{3}{2})$	13.73	(1964BA16, 1969DI07, 1973FR10)
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	150	n		15.75	(1964BA16)
8.74 \pm 25	200	n		16.27	(1964BA16)
9.30 \pm 30		n		16.80	(1964BA16)

^a See also Table 19.13 in (1972AJ02).

^b n means total yield.

^c See (1968BE34).

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