

Table 18.20 from (1978AJ03): Branching in $^{18}\text{Ne}(\beta^+)^{18}\text{F}$ ^a

Decay to $^{18}\text{F}^*$ (MeV)	$J^\pi; T$	E_{γ_0} (keV)	Branch (%)	$\log f_0 t$ ^b	Refs.
0	$1^+; 0$		92.5 ± 0.2 92.11 ± 0.21 ^A	3.094(5)	(1970AS06) (1975HA21)
1.04	$0^+; 1$	1043 ± 1 1041.3 ± 1.0	7.3 ± 0.2 7.66 ± 0.21 ^A	3.456(12)	(1968GO05, 1970AS06) (1975HA21)
1.08	$0^-; 0$		< 0.7		(1968GO05)
1.70	$1^+; 0$	1699.6 ± 2.0 ^c	0.23 ± 0.03 ^A 0.17 ± 0.05	2.7(2)	(1975HA21) (1970AS06)
2.10	$2^-; 0$		< 1.5		(1968GO05)

^A = Adopted.

^a For the earlier data see [Table 18.21 in \(1972AJ02\)](#).

^b Based on Q_m and $\tau_{1/2} = 1672 \pm 4$ msec.

^c And 659.4 ± 1.0 keV for the 70% transition to $^{18}\text{F}^*(1.04)$ (1975HA21).

^d Calculated with aid of results of (1975HA21, 1975HA45) but does not include the charge dependent factor.