

Table 18.21 from (1987AJ02): Branching in  $^{18}\text{Ne}(\beta^+)^{18}\text{F}$  <sup>a</sup>

Decay to $^{18}\text{F}^*$ (MeV)	$J^\pi; T$	$E_{\gamma_0}$ (keV)	Branch (%) <sup>b</sup>	$\log f_0 t$ <sup>c</sup>
0	$1^+; 0$		$92.11 \pm 0.21$	$3.096 \pm 0.004$
1.04 <sup>d</sup>	$0^+; 1$	$1041.5 \pm 0.3$	$7.70 \pm 0.21$	$3.473 \pm 0.013$
1.08 <sup>d</sup>	$0^-; 0$	$1080.76 \pm 0.13$ <sup>b</sup>	$(2.07 \pm 0.28) \times 10^{-3}$	$7.012 \pm 0.059$
1.70	$1^+; 0$	$1699.9 \pm 0.3$ <sup>e</sup>	$0.188 \pm 0.006$	$4.477 \pm 0.015$

<sup>a</sup> For the earlier work see Tables 18.19 in (1983AJ01) and 18.20 in (1978AJ03).

<sup>b</sup> (1983AD03). See also (1982HE04).

<sup>c</sup> Based on  $\tau_{1/2} = 1672 \pm 8$  msec: see (1983AD03).

<sup>d</sup> The splitting of the  $0^+$  and  $0^-$  states is  $39.20 \pm 0.11$  keV (1983AD03).

<sup>e</sup> And  $659.2 \pm 0.3$  keV for the  $\gamma$ -ray to  $^{18}\text{F}^*(1.04)$  (1982HE04).