

Table 17.3 from (1977AJ02): Comparison of ^{17}N and ^{17}Ne β -decay ^a

Final state in		J^π	Γ_n^b (keV)	Γ_p^b (keV)	$(ft)^-^c$	$(ft)^+^c$	δ^d
^{17}O	^{17}F						
3.06	3.10	$\frac{1}{2}^-$	0	19	$(8.0 \pm 1.1) \times 10^6^e$	$(2.78 \pm 0.40) \times 10^6$	-0.65 ± 0.07
4.55	4.70	$\frac{3}{2}^-$	40	230	$(2.53 \pm 0.14) \times 10^4^f$	$(3.92 \pm 0.18) \times 10^4$	0.55 ± 0.11
5.38	5.52	$\frac{3}{2}^-$	28	69	$(7.59 \pm 0.28) \times 10^3^f$	$(7.22 \pm 0.15) \times 10^3$	-0.55 ± 0.04
5.94	6.04	$\frac{1}{2}^-$	23	28	$(2.04 \pm 0.19) \times 10^4^f$	$(2.61 \pm 0.07) \times 10^4$	0.28 ± 0.12

^a (1976AL02).

^b Γ_n and Γ_p are the neutron and proton widths of the ^{17}O and ^{17}F states, respectively.

^c $(ft)^-$ and $(ft)^+$ are for the ^{17}N and ^{17}Ne decays, respectively.

^d $\delta = [(ft)^+/(ft)^-] - 1$.

^e From mean of branching values (see Table 17.2).

^f From branching values of (1976AL02).