

Table 20.4 from (1987AJ02):
Lifetime measurements of some ^{20}F states ^a

$^{20}\text{F}^*$ (MeV)	τ_m
0.66	0.39 ± 0.03 psec
0.82	79 ± 6 psec
0.98	2.03 ± 0.20 psec ^a 1.8 ± 0.3 psec ^b 2.0 ± 0.2 psec ^A
1.06	45 ± 13 fsec
1.31	1.16 ± 0.20 psec ^a 1.9 ± 0.3 psec ^b 1.6 ± 0.3 psec ^A
1.82	≤ 65 fsec
1.84	30 ± 20 fsec
1.97	1.4 ± 0.4 psec
2.04	37 ± 16 fsec
2.19	< 12 fsec
2.97	60 ± 40 fsec
3.49	44 ± 11 fsec
3.53	30 ± 15 fsec
3.59	30 ± 30 fsec

A = adopted.

^a For references see [Table 20.6 in \(1978AJ03\)](#).

^b (1983KO01): ${}^7\text{Li}({}^{18}\text{O}, \alpha\text{n}){}^{20}\text{F}$; $E_x = 983.58 \pm 0.16$ and 1309.19 ± 0.20 keV.