

Table 20.4 from (1987AJ02):  
Lifetime measurements of some  $^{20}\text{F}$  states <sup>a</sup>

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

A = adopted.

<sup>a</sup> For references see [Table 20.6 in \(1978AJ03\)](#).

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