

Table 19.10 from (1978AJ03): Lifetimes of some $^{19}\text{F}^*$ states ^a

$^{19}\text{F}^*$ (MeV)	τ_m	Refs.
0.110	0.853 ± 0.010 nsec	mean: see (1972AJ02)
0.197	129.9 ± 2.3 nsec	(1967BE14)
	128 ± 2 nsec	(1968KL05)
1.35	128.8 ± 1.5 nsec	mean
	5.2 ± 0.9 psec	(1968PA11)
	4.7 ± 0.6 psec	(1969JO10)
	$5.3^{+1.5}_{-0.9}$ psec	(1969PO03)
	3.5 ± 1.3 psec	(1976BH03)
1.46	4.8 ± 0.5 psec	mean
	62 ± 20 fsec	(1964BO22)
	57 ± 24 fsec	(1969PO03)
	100 ± 20 fsec	(1976BH03)
1.55 ^{b,c}	75 ± 13 fsec	mean
	$4.4^{+2.4}_{-2.0}$ fsec	see (1969PO03)
2.78 ^a	246 ± 44 fsec	(1968TO11)
	270 ± 40 fsec	(1976BH03)
3.91 ^c	259 ± 30 fsec	mean
	9 ± 5 fsec	(1977DI18)
4.00 ^c	< 40 fsec	(1976BH03)
4.03	87 ± 16 fsec	(1973RO09)
	60 ± 25 fsec	(1974UN01)
	60 ± 15 fsec	(1976BH03)
4.38 ^d	71 ± 10 fsec	mean
	< 11 fsec	(1975LE16)
4.55 ^{b,c,d}	< 50 fsec	(1976RO07)
4.56 ^{b,c,d}	17^{+10}_{-8} fsec	(1975LE16)
4.65	2.3 ± 0.5 psec	(1969BH01)
	2.1 ± 0.4 psec	(1969JA09)
4.68 ^c	2.2 ± 0.3 psec	mean
	15.4 ± 3.0 fsec ^A	(1972RO01)
5.11 ^d	< 30 fsec	(1976RO07)

Table 19.10 from (1978AJ03): Lifetimes of some ^{19}F states ^a (continued)

$^{19}\text{F}^*$ (MeV)	τ_m	Refs.
5.34	≤ 15 fsec	(1969PO03)
5.47	≤ 19 fsec	(1969PO03)
5.50	≤ 43 fsec	(1969PO03)
5.62	< 45 fsec	(1975LE16)

A = adopted.

^a See also [Table 19.10 in \(1972AJ02\)](#).

^b See also [\(1972LE20\)](#).

^c See also [\(1976BH03\)](#).

^d See also [\(1976RO07\)](#).