

Table 18.13 from (1983AJ01):  
Lifetime measurements of some  $^{18}\text{F}$  states <sup>a</sup>

$^{18}\text{F}^*$ (MeV)	$\tau_m$	Refs.
0.94	$67.6 \pm 2.5$ psec	mean
1.04	$2.7 \pm 0.4$ fsec	(1980KE05, 1981KE04)
1.08	$27.5 \pm 1.9$ psec	mean
1.12	$218 \pm 8$ nsec	(1972BE37)
	<u><math>238 \pm 4</math> nsec</u>	(1979HA60)
	$234 \pm 10$ nsec	mean
1.70	$1.09 \pm 0.10$ psec	mean
2.10	$4.3 \pm 1.4$ psec	(1966OL03)
2.52	$0.68 \pm 0.11$ psec	mean
3.06	$< 1.5$ fsec	(1972RO24)
3.13	$0.32 \pm 0.10$ psec	(1967WA06, 1972RO04)
3.36	$0.49 \pm 0.07$ psec	mean
3.72	$4 \pm 2$ fsec	(1973RO04)
3.79	$224 \pm 35$ fsec	(1973RO06) <sup>b</sup>
3.84	$29 \pm 9$ fsec	(1973RO06)
4.12	$91 \pm 22$ fsec	(1973RO06)
4.23	$110 \pm 15$ fsec	(1973RO06)
4.36	$27 \pm 10$ fsec	(1973RO04)
4.40	$58 \pm 12$ fsec	(1973RO06)
4.65	$< 10$ fsec	(1973RO06)
4.86	$66 \pm 18$ fsec	(1973RO06)
4.96	$< 4$ fsec	(1973RO06)
5.30	$30 \pm 5$ fsec	(1973RO05)
5.50	$63 \pm 25$ fsec	(1973RO06)
5.79	$15 \pm 10$ fsec	(1973RO06)

<sup>a</sup> For reactions in which the  $^{18}\text{F}$  states were produced, see Table 18.12 in (1978AJ03). For weighted mean values see references in that table.

<sup>b</sup> See also (1973RO04).