

Table 14.4 from (1981AJ01):
Lifetimes of bound excited states of ^{14}C ^a

$^{14}\text{C}^*$ (MeV)	τ_m	Reaction	Refs.
6.09	< 10 fsec	$^9\text{Be}(^{13}\text{C}, ^8\text{Be})$	(1975SE04)
6.59	3.7 ± 0.9 psec	$^7\text{Li}(^9\text{Be}, \text{np})$	(1979KOZM) ^b
	4.6 ± 0.7 psec	$^2\text{H}(^{13}\text{C}, \text{p})$	(1980TO05)
	4.3 ± 0.6 psec		mean
6.73	97 ± 15 psec ^c	$^{12}\text{C}(\text{t}, \text{p})$	(1968AL12)
6.90	36 ± 4 fsec	$^9\text{Be}(^{13}\text{C}, ^8\text{Be})$	(1975SE04)
7.01	13 ± 2 fsec ^A	$^{14}\text{C}(\text{e}, \text{e})$	(1972CRZN)
	< 7 fsec	$^{11}\text{B}(\alpha, \text{p})$	(1976GR02)
7.34	160 ± 60 fsec	$^{11}\text{B}(\alpha, \text{p})$	(1976GR02)

A = adopted value.

^a See also Table 14.10 in (1976AJ04).

^b And E.K. Warburton, private communication.

^c (1981KO08) find 96 ± 15 psec leading to a weighted mean of 96 ± 11 psec (E.K. Warburton, private communication).