

Table 15.6 from (1976AJ04): Lifetimes of some ^{15}N states ^a

E_x (MeV)	τ_m (psec)	Reaction	Refs.
5.27	2.9 ± 0.5	$^{14}\text{N}(\text{d}, \text{p})$	(1967BI11)
	2.6 ± 0.2	$^{12}\text{C}(^3\text{He}, \text{p})$	(1975FO06)
	2.5 ± 0.5	$^{13}\text{C}(^{14}\text{N}, ^{12}\text{C})$	(1975SE04)
5.30	2.6 ± 0.2	mean	
	$(4.3 \pm 1.8) \times 10^{-2}$ $(2.2 \pm 0.7) \times 10^{-2}$	$^{14}\text{N}(\text{d}, \text{p})$ $^{14}\text{N}(\text{n}, \gamma)$	(1965AL19) (1969WE07)
6.32	$(2.5 \pm 0.7) \times 10^{-2}$	mean	
	< 0.040	$^{14}\text{N}(\text{n}, \gamma)$	(1969WE07)
	$(0.35 \pm 0.07) \times 10^{-3}$ $(0.21 \pm 0.02) \times 10^{-3}$	$^{15}\text{N}(\text{e}, \text{e})$ $^{15}\text{N}(\gamma, \gamma)$	(1975KI08) (1975MO28)
7.16 ^b	0.155 ± 0.025	$^{13}\text{C}(^3\text{He}, \text{p})$	(1966LI07)
	$0.028 \pm 0.008^{\text{A}}$	$^{13}\text{C}(^{14}\text{N}, ^{12}\text{C})$	(1975SE04)
7.30 ^c	< 0.025	$^{14}\text{N}(\text{d}, \text{p})$	(1968GI11)
	< 0.050 $(0.25 \pm 0.10) \times 10^{-3}$	$^{13}\text{C}(^{14}\text{N}, ^{12}\text{C})$ $^{15}\text{N}(\text{e}, \text{e})$	(1975SE04) (1975KI09)
7.57 ^b	0.15 ± 0.05	$^{13}\text{C}(^3\text{He}, \text{p})$	(1966LI07)
	$0.06 \pm 0.02^{\text{A}}$	$^{14}\text{N}(\text{d}, \text{p})$	(1968GI11)
8.31 ^c	< 0.020	$^{14}\text{N}(\text{n}, \gamma), (\text{d}, \text{p})$	(1968GI11, 1969WE07)
8.58	$\lesssim 0.1$	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.05	$\lesssim 0.1$	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.152	< 0.040	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.155	(< 0.010)	$^{14}\text{N}(\text{n}, \gamma)$	(1969WE07)
9.23	< 0.13	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.83	< 0.19	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1969TH01)
9.93	$\lesssim 0.1$	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)

A = adopted.

^a See also Table 15.7 in (1970AJ04) and Table 15.16 here.

^b See also (1975KI09).

^c See also (1972ST22).