

Table 15.7 from (1970AJ04): Lifetimes of some ^{15}N states

E_x (MeV)	τ_m (psec)	Reaction	Refs.
5.27	> 1	$^{16}\text{O}(t, \alpha)$	(1965AL19)
	≈ 1	$^9\text{Be}(^{14}\text{N}, ^8\text{Be})$	(1969NI09)
	2.9 ± 0.5	$^{14}\text{N}(d, p)$	(1967BI11)
5.30	< 0.01	$^{14}\text{C}(p, \gamma)$	(1968COZV)
	$(4.3 \pm 1.8) \times 10^{-2}$	$^{14}\text{N}(d, p)$	(1965AL19)
	$(2.2 \pm 0.7) \times 10^{-2}$	$^{14}\text{N}(n, \gamma)$	(1969WE07)
6.32	< 0.045	$^{14}\text{N}(d, p)$	(1968GI11)
	< 0.040	$^{14}\text{N}(n, \gamma)$	(1969WE07)
	< 0.010	$^{14}\text{C}(p, \gamma)$	(1968COZV)
7.16	< 0.018	$^{14}\text{N}(d, p)$	(1968GI11)
	0.115 ± 0.025	$^{13}\text{C}(^3\text{He}, p)$	(1966LI07)
	0.010 ± 0.002	$^{14}\text{C}(p, \gamma)$	(1968COZV)
7.30	< 0.025	$^{14}\text{N}(d, p)$	(1968GI11)
	< 0.030	$^{14}\text{N}(n, \gamma)$	(1969WE07)
	< 0.010	$^{14}\text{C}(p, \gamma)$	(1968COZV)
7.57	0.15 ± 0.05	$^{13}\text{C}(^3\text{He}, p)$	(1966LI07)
	0.06 ± 0.02	$^{14}\text{N}(d, p)$	(1968GI11)
8.31	< 0.021	$^{14}\text{N}(d, p)$	(1968GI11)
	< 0.020	$^{14}\text{N}(n, \gamma)$	(1969WE07)
	< 0.010	$^{14}\text{C}(p, \gamma)$	(1968COZV)
9.155	< 0.010	$^{14}\text{C}(p, \gamma)$	(1968COZV)
	< 0.010	$^{14}\text{N}(n, \gamma)$	(1969WE07)
9.23	< 0.1	$^{16}\text{O}(\gamma, p)$	(1969MU07)
9.83	< 0.19	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1969TH01)