

Table 13.8 from (1970AJ04): Parameters of the first $T = \frac{3}{2}$ state in ^{13}C and ^{13}N

	$^{13}\text{C}^*(15.11)$	$^{13}\text{N}^*(15.07)$	Refs.
J^π	$\frac{3}{2}^-$	$\frac{3}{2}^-$	
Γ (keV)	6.2 ± 1.1	1.17 ± 0.21	(1969AD01)
	4.7 ± 1.6	1.13 ± 0.3	(1968CO27)
	6.7 ± 1.7		(1968SN1B)
Γ_{n_0} or Γ_{p_0} (keV) ^a	0.40 ± 0.11	0.24 ± 0.05	(1969AD01)
Γ_{n_1} or Γ_{p_1} (keV) ^b	1.55 ± 0.35	0.14 ± 0.03	(1969AD01)
Γ_{γ_0} (eV)	25 ± 7 ^c	27 ± 5	(1969AD01)
$\Gamma_{\gamma_1}/\Gamma_{\gamma_0}$	0.25 ± 0.10	< 0.20	(1968CO27)
$\Gamma_{\gamma_{2+3}}/\Gamma_{\gamma_0}$	0.79 ± 0.10	0.81 ± 0.12	(1968CO27)

^a Widths for $^{11}\text{B}(^3\text{He}, p)^{13}\text{C}(15.11) \rightarrow n_0 + ^{12}\text{C}$ and $^{11}\text{B}(^3\text{He}, n)^{13}\text{N}(15.07) \rightarrow p_0 + ^{12}\text{C}$.

^b Widths for $^{13}\text{C}(15.11) \rightarrow n_1 + ^{12}\text{C}^*$ and $^{13}\text{N}(15.07) \rightarrow p_1 + ^{12}\text{C}^*$.

^c 22.7 ± 2.6 eV (1969WI22).