

Table 12.20 from (1968AJ02): Widths of ^{12}C states from $^{12}\text{C}(e, e)^{12}\text{C}$ ^a

$^{12}\text{C}^*$	$J^\pi; T$	Γ_{γ_0} (eV)	Refs.
4.44	$2^+; 0$	$(12.5 \pm 2.5) \times 10^{-3}$	(1956HE83)
		$(11.2 \pm 1.2) \times 10^{-3}$	(1964CR11)
		$(10.6 \pm 1.1) \times 10^{-3}$	(1967CR01)
		$(12.2 \pm 0.8) \times 10^{-3}$	(1967AR1A)
7.65 ^b	$0^+; 0$	$(5.5 \pm 3) \times 10^{-5}$	(1956FR27) ^d
		$(6.5 \pm 0.7) \times 10^{-5}$	(1964CR11)
		$(7.3 \pm 1.3) \times 10^{-5}$	(1965GU04)
		$(6.2 \pm 0.6) \times 10^{-5}$	(1967CR01)
9.64	$3^-; 0$	$(3.6 \pm 0.4) \times 10^{-4}$	(1964CR11)
		$(3.1 \pm 0.4) \times 10^{-4}$	(1967CR01)
15.11 ^c	$1^+; 1$	40_{-6}^{+8}	(1959BA36, 1960BA47)
		39 ± 4	(1962ED02)
		34.4 ± 3	(1964GU05)
		36 ± 3	(1967PE07)
16.1	$2^+; 1$	$(184 \pm 45) \times 10^{-3}$	(1963BO36, 1965BI1B)
18.1			(1964GO14)
19.2	$(2^-; 1)$		(1963BO36, 1965DE1C, 1966BE1Q, 1967BI1K, 1967DR1C)
19.5	$(1^-; 1)$		(1963BO36, 1964GO14, 1967BI1K, 1967CR02)
≈ 24			(1964GO14)
≈ 34			(1964GO14)

^a See also Tables 12.8 and 12.15.

^b Partial width for g.s. decay via pairs.

^c M1; see (1964GO15), Table 12.15.

^d See (1967CR01).