

Table 14.4 from (1991AJ01): Branching ratios of γ -rays in ^{14}C ^a

E_i (MeV)	J_i^π	E_f (MeV)	Branch (%)
6.09	1^-	0	100
6.59	0^+	0	1.1 ± 0.1 ^b
		6.09	98.9 ± 0.1 ^c
6.73	3^-	0	96.4 ± 1.2
		6.09	3.6 ± 1.2
6.90	0^-	6.09	100 ^d
7.01	2^+	0	98.6 ± 0.7
		6.09	1.4 ± 0.7
7.34	2^-	0	16.7 ± 3.5
		6.09	49.0 ± 3.1 ^{e, f}
		6.73	34.3 ± 3.5 ^e

^a For references see [Table 14.5 in \(1981AJ01\)](#). For the decay of $^{14}\text{C}^*$ (8.32) see [reaction 12](#).

^b Internal pairs. $\Gamma_\pi/\Gamma = (1.1 \pm 0.1) \times 10^{-2}$, $\langle M \rangle_\pi = 0.36 \pm 0.06 \text{ fm}^2$.

^c $E_\gamma = 495.35 \pm 0.10 \text{ keV}$ ([1981KO08](#)).

^d $E_\gamma = 808.7 \pm 1.0 \text{ keV}$.

^e $\delta(M2/E1) = -0.04 \pm 0.09$ and $+0.07 \pm 0.30$, respectively.

^f $E_\gamma = 1248 \pm 3 \text{ keV}$.