

Table 14.6 from (1970AJ04): Gamma rays from $^{13}\text{C}(\text{d}, \text{p})^{14}\text{C}$

Transition	E_γ (MeV \pm keV)				
	(1955MA36)	(1955BE62)	(1958RA13)	(1958WA02)	(1966AL10)
6.09 \rightarrow g.s.	6.090 ± 25^b	6.11 ± 30^b	6.090 ± 20^b	6.09	
6.73 \rightarrow g.s.	6.730 ± 40^c	6.720 ± 30^c	6.738 ± 25^c	6.72	
7.34 \rightarrow g.s. ^a		(7.30 ± 50)	7.323 ± 25^b	7.35	
6.59 \rightarrow 6.09					0.4958 ± 0.4
6.90 \rightarrow 6.09	0.811 ± 3^d			0.813 ± 8^d	0.8087 ± 1.0
7.34 \rightarrow 6.73				0.621 ± 7	
7.34 \rightarrow 6.09					1.248 ± 3^e

^a $\Gamma_{7.34}/\Gamma_{6.72} \leq 0.22 \pm 0.07$, $\Gamma_{1.25}/\Gamma_{6.72} = 0.5 \pm 0.2$ (1965LA09).

^b Corrected for Doppler shift: see (1958WA02).

^c No Doppler shift: $\tau > 0.3$ psec (1958WA02).

^d A Doppler shift of 0.5 – 1.0% applies (1958WA02).

^e See also (1965LA09).