

Table 14.20 from (1970AJ04): Gamma rays from  $^{13}\text{C}(\text{d}, \text{n})^{14}\text{N}$

(1952TH24) <sup>a</sup> $E_\gamma$ <sup>e</sup> (keV)	(1955BE62) <sup>b</sup> $E_\gamma$ <sup>f</sup> (keV)	(1955MA36) <sup>c</sup> $E_\gamma$ <sup>e</sup> (keV)	(1958RA13) <sup>d</sup> $E_\gamma$ <sup>f</sup> (keV)	Assignment $^{14}\text{N}^*$
725 ± 4		729 ± 3	728.3 ± 1.0 <sup>g</sup>	5.83 → 5.11
1638 ± 8				3.95 → 2.31
2310 ± 12				2.31
3381 ± 13	3410 ± 40			5.69 → 2.31
	3920 ± 70 <sup>g</sup>	3910 ± 50		3.95
	4940 ± 40	4930 ± 40	4897 ± 25	4.91
5052 ± 25	5100 ± 50	5130 ± 30	5102 ± 25	5.11
5690 ± 50	5720 ± 40	5730 ± 30	5669 ± 25	5.69
			5833 ± 30 <sup>e</sup>	5.83
	6490 ± 60	6450 ± 50	6419 ± 30	6.44
	7050 ± 40		7012 ± 25	7.03

<sup>a</sup>  $E_d = 1.2, 1.6$  MeV.

<sup>b</sup>  $E_d = 2, 4$  MeV.

<sup>c</sup>  $E_d = 1.4$  MeV.

<sup>d</sup>  $E_d = 4.5$  MeV.

<sup>e</sup> Not corrected for Doppler shift.

<sup>f</sup> Includes  $\approx 0.5\%$  Doppler correction.

<sup>g</sup> (1966AL10).