

Table 13.9 from (1970AJ04): Neutron capture γ -rays in ^{13}C

E_γ (MeV \pm keV)	Transition	Intensities ^a				
		(1967TH05)	(1968SP01)	(1953BA18)	(1958GR01)	(1961JA19)
4.9458 \pm 0.6	capt. \rightarrow g.s.		68 \pm 1			
4.94546 \pm 0.17 ^b	capt. \rightarrow g.s.					
4.948 \pm 8 ^c	capt. \rightarrow g.s.			70		
4.950 \pm 15	capt. \rightarrow g.s.				75	
4.946	capt. \rightarrow g.s.	66 \pm 3				69
3.68428 \pm 0.14	3.68 \rightarrow g.s.		32 \pm 1			
3.68394 \pm 0.17 ^b	3.68 \rightarrow g.s.					
3.68 \pm 50	3.68 \rightarrow g.s.			30		
3.68 \pm 20	3.68 \rightarrow g.s.				25	
3.684	3.68 \rightarrow g.s.	34 \pm 2				31
1.26176 \pm 0.07	capt. \rightarrow 3.68		32 \pm 1			
1.26192 \pm 0.06 ^b	capt. \rightarrow 3.68					
1.260 \pm 15	capt. \rightarrow 3.68				25	
1.27	capt. \rightarrow 3.68					30
1.262	capt. \rightarrow 3.68	34 \pm 2				

^a Gamma rays per 100 captures.

^b (1967PR10).

^c $E_\gamma = 4.946 \pm 1$ (1965JA09).