Table 20.10 from (1978AJ03): Primary capture transitions in ^{19}F(n, γ)^{20}F [a]

Final state ^{20}F*	I_γ [b] from ^{20}F*(6.60)		I_γ [b] from ^{20}F*(6.63)		I_γ [b] from ^{20}F*(6.64)	I_γ [b] from ^{20}F*(6.65)
(MeV)	(1968SP01)	(1969HA04)	(1974KE18)	(1967BE36)	(1974KE18)	(1974KE18)
0	11	10	2.0 ± 0.5			
0.66	< 0.1		6 ± 1	6 ± 2	42 ± 7	
0.82	< 0.1				23 ± 7	
0.98	1.5	2				18 ± 4
1.06 [c]	5	6				9 ± 4
1.31	3	3	31 ± 2	32 ± 2		
1.84	2	2	8 ± 2			
1.97	0.1		46 ± 4	50 ± 2		
2.04	6	6	1.5 ± 1			59 ± 6
2.19						
2.87						
2.97	< 0.2				35 ± 9	
3.49	2.5	2	3 ± 1			14 ± 5
3.53	2			8 ± 1		
3.59	4.4	4				
3.68	1	1				
3.97		1				
4.08		1	2.5 ± 1	5 ± 2		
4.28	1	1				
5.04						
5.41	0.5					
5.55	3					
5.94	17	13				
6.02 [c]	38	48				
6.04	2					

[a] See also Tables 20.5 and 20.9.

[b] In units of photons/100 captures.

[c] E_γ for the transitions (6.60 $\rightarrow$ 0), (6.60 $\rightarrow$ 1.06) and (6.60 $\rightarrow$ 6.02) are, respectively, 6599.8 ± 3.0, 5534.9 ± 2.0 and 583.6 ± 0.5 keV (1967VA08).