

Table 20.9 from (1983AJ01):
 Primary capture transitions in $^{19}\text{F}(n, \gamma)^{20}\text{F}$ ^a

Final state $^{20}\text{F}^*$ (MeV)	I_γ ^b from			
	$^{20}\text{F}^*(6.60)$ ^c	$^{20}\text{F}^*(6.63)$	$^{20}\text{F}^*(6.64)$	$^{20}\text{F}^*(6.65)$
0	10	2.0 ± 0.5		
0.66		6 ± 1	42 ± 7	
0.82			23 ± 7	
0.98				18 ± 4
1.06	6			9 ± 4
1.31		31 ± 2		
1.84		8 ± 2		
1.97		46 ± 4		
2.04	6	1.5 ± 1		59 ± 6
2.97			35 ± 9	
3.49		3 ± 1		14 ± 5
3.53		8 ± 1		
4.08		2.5 ± 1		
5.94	15			
6.02	43			

^a For complete references see [Table 20.10 in \(1978AJ03\)](#). See also Tables [20.4](#) and [20.8](#) here.

^b In units of photons/100 captures.

^c $I_\gamma < 5$ not shown: see [Table 20.10 in \(1978AJ03\)](#). Transitions from thermal energy capture.