

Table 20.7 from (1987AJ02):  
 Primary capture transitions in  $^{19}\text{F}(n, \gamma)^{20}\text{F}$  <sup>a</sup>

Final state $^{20}\text{F}^*$ (MeV)	$I_\gamma$ <sup>b</sup> from		
	$^{20}\text{F}^*(6.63)$	$^{20}\text{F}^*(6.64)$	$^{20}\text{F}^*(6.65)$
0	$2.0 \pm 0.5$		
0.66	$6 \pm 1$	$42 \pm 7$	
0.82		$23 \pm 7$	
0.98			$18 \pm 4$
1.06			$9 \pm 4$
1.31	$31 \pm 2$		
1.84	$8 \pm 2$		
1.97	$46 \pm 4$		
2.04	$1.5 \pm 1$		$59 \pm 6$
2.97		$35 \pm 9$	
3.49	$3 \pm 1$		$14 \pm 5$
3.53	$8 \pm 1$		
4.08	$2.5 \pm 1$		

<sup>a</sup> For complete references see [Table 20.10 in \(1978AJ03\)](#). See also [Tables 20.3 and 20.6](#) here.

<sup>b</sup> In units of photons/100 captures.