

Table 20.8 from (1959AJ76):
Resonances in $^{19}\text{F}(\text{p}, \gamma)^{20}\text{Ne}$

E_p (keV)	Γ (keV)	Yield ^a (%)	$^{20}\text{Ne}^*$ (MeV)
669 ^{b, c}	7.5	1.80 ± 0.36	13.511 ^f
874 ^c		0.03 ± 0.01 ^e	13.703 ^f
935 ^c		0.03 ± 0.01	13.761 ^f
980 ^c		0.22 ± 0.04 ^d	13.80
1091 ^{b, c}	< 1.2	0.34 ± 0.07	13.909 ^f
1280 ^c		0.06 ± 0.01	14.092 ^f
1320 ^{b, c}	4.0	0.90 ± 0.18 ^d	14.13
1350 ^c		0.12 ± 0.02	14.154 ^f
1370 ^c		0.08 ± 0.02	14.179 ^f
1420 ^{b, c}	15.7	0.35 ± 0.07 ^d	14.224 ^g

^a Relative to $^{19}\text{F}(\text{p}, \alpha\gamma)^{16}\text{O}$.

^b (1954SI07: resonances for $E_\gamma = 12$ MeV).

^c (1955FA1A: resonances for $E_\gamma > 8$ MeV).

^d Resonance not observed for $^{19}\text{F}(\text{p}, \alpha\gamma)^{16}\text{O}$.

^e $E_\gamma < 2$ eV (1953WI1F).

^f Excitation energies from $^{19}\text{F}(\text{p}, \alpha\gamma)$: see Table 20.13.

^g Excitation energy from $^{19}\text{F}(\text{p}, \text{p}')$: see Table 20.10.