

Table 20.27 from (1983AJ01):  
Resonances in  $^{19}\text{F}(p, n)^{19}\text{Ne}$  <sup>a</sup>

$E_p$ (MeV) <sup>b</sup>	$\Gamma_{\text{lab}}$ (keV)	$^{20}\text{Ne}^*$ (MeV)
4.30	45	16.93
4.46	80	17.08
4.52	20	17.14
4.61	60	17.22
4.72	25	17.33
4.75	45	17.35
4.87		17.47
4.95	20	17.55
5.03		17.62
5.11		17.70
5.23		17.81
5.25		17.84
5.37		17.94
(5.44)		(18.01)
5.50		18.07
5.57		18.13
(5.62)		(18.18)
(5.69)		(18.25)
5.72		18.28
5.77		18.32
5.84		18.39
$5.879 \pm 0.007$ <sup>c</sup>	$10 \pm 3$	18.427
5.90		18.45
6.00		18.54
6.15		18.68
6.35		18.87
6.53		19.04
6.81		19.31
7.14		19.62
7.27		19.75

Table 20.27 from (1983AJ01):  
Resonances in  $^{19}\text{F}(p, n)^{19}\text{Ne}$  <sup>a</sup> (continued)

$E_p$ (MeV) <sup>b</sup>	$\Gamma_{\text{lab}}$ (keV)	$^{20}\text{Ne}^*$ (MeV)
7.41		19.88
7.52		19.98
7.74		20.19
8.02		20.46
8.15		20.58
8.28		20.71
8.37		20.79
8.70		21.10
8.82		21.22
9.08		21.47
9.2		21.6
9.5		21.9
9.8		22.1
10.2		22.5

<sup>a</sup> For references see [Table 20.30 in \(1978AJ03\)](#).

<sup>b</sup>  $\pm 5$  keV for  $E_x < 6.1$  MeV;  $\pm 20$  keV for  $E_x < 9.1$  MeV.

<sup>c</sup> Anomaly in  $n_0$  and  $n_{1+2}$  yields:  $2^+$ ;  $T = 2$ .