

Table 20.20 from (1987AJ02): Resonances in  $^{19}\text{F}(p, \gamma)^{20}\text{Ne}$  <sup>a</sup>

$E_p$ (keV)	$\Gamma_{\text{lab}}$ (keV)	$\Gamma_{\gamma_0}$ (eV)	$\Gamma_{\gamma_1}$ (eV)	$^{20}\text{Ne}^*$ (MeV)	$J^\pi; T$
340		$< 0.07$	$0.28 \pm 0.06$	13.171	
484		$\approx 0.05$	0.42	13.308	
$597 \pm 1$	$30 \pm 3$	$< 0.6$	12	13.415	
$671 \pm 1$	$6.0 \pm 0.7$	$1.0 \times 10^{-2}$	2.2	13.485	$1^+$
874				13.678	
935				13.736	
980				13.779	
1091	0.8		1.1	13.884	$2^+; 1$
1280				14.063	
1320	4.0			14.101	
1350				14.130	
1370				14.149	
1420	15.7			14.196	
$4090 \pm 5$		$\Gamma_\gamma \approx 5 \text{ eV}$		16.732	$0^+; 2$
$5879 \pm 7$	$10 \pm 3$	$\Gamma_\gamma \approx 0.3 \text{ eV}$		18.430	$2^+; 2$

<sup>a</sup> For earlier references see [Table 20.26 in \(1978AJ03\)](#) and [20.24 in \(1983AJ01\)](#). See also [Table 20.14](#) here.