

Table 20.30 from (1998TI06):  
Ground-state transition strengths in  $^{20}\text{Ne}$  from  $^{20}\text{Ne}(\pi^\pm, \pi^{\pm'})^a$

$E_x$ (MeV) <sup>b</sup>	$J^\pi$ <sup>b</sup>	$K^\pi$ <sup>b</sup>	$B(E\lambda)(e^2\text{fm}^{2\lambda})$ <sup>c</sup>
1.63	$2^+$	$0_1^+$	$322.9 \pm 1.8$
4.24	$4^+$	$0_1^+$	$42400 \pm 600$
8.78	$6^+$	$0_1^+$	$2.2 \pm 0.9 \times 10^6$
7.42	$2^+$	$0_2^+$	$2.9 \pm 0.4$
9.99	$4^+$	$0_2^+$	$5000 \pm 600$
7.83	$2^+$	$0_3^+$	$16.6 \pm 0.5$
9.03	$4^+$	$0_3^+$	$9800 \pm 900$
9.00	$2^+$	$0_4^+$	$40.9 \pm 2.0$
10.79	$4^+$	$0_4^+$	$6000 \pm 300$

<sup>a</sup> See Table 1 of (1995BU01).

<sup>b</sup> See (1987AJ02).

<sup>c</sup> (1995BU01) notes that all  $B(E\lambda)$ 's were obtained by fitting 180 MeV  $\pi^+$  and  $\pi^-$  data simultaneously with the constraint  $M = M_n = M_p$  where  $B(E\lambda) = |M_p|^2$ . The errors given are statistical only.