

Table 20.38 from (1978AJ03):  
 $T = 0$  states of  $^{20}\text{Ne}$  from  $^{21}\text{Ne}(d, t)^{20}\text{Ne}$  (1974MI13) <sup>a</sup>

$E_x$ (MeV $\pm$ keV)	$l$	$nlj$ <sup>b</sup>	$C^2S$	$J^\pi$ <sup>c</sup>	$K^\pi$
$\equiv 5.622$	1	$1p_{3/2}$	0.02	$3^-$	
$5.785 \pm 4$	1	$1p_{1/2}$	0.03	$1^-$	
$\equiv 7.424$	$0 + 2$	$2s_{1/2}$	0.05		
		$1d_{5/2}$	0.07	$2^+$	
$7.827 \pm 9$	$0 + 2$	$2s_{1/2}$	0.005		
		$1d_{5/2}$	0.023	$2^+$	
$8.839 \pm 8$	1	$1p_{1/2}$	0.33	$1^-$	$(1^-)$
$9.084 \pm 21$ <sup>d</sup>	2	$1d_{5/2}$	$\leq 0.12$		
$9.357 \pm 17$ <sup>d</sup>	1	$1p_{1/2}$	$\leq 0.1$	<sup>e</sup>	$(1^-)$
$9.913 \pm 19$ <sup>d</sup>	2	$1d_{5/2}$	$< 0.16$		
$10.385 \pm 12$	1	$1p_{3/2}$	0.08	$3^-$	
$10.880 \pm 10$ <sup>d</sup>	1	$1p_{3/2}$	0.13		

<sup>a</sup> For  $T = 1$  states see Table 20.16.

<sup>b</sup> Values used in DWBA calculations.

<sup>c</sup> From Table 20.18.

<sup>d</sup> Unresolved.

<sup>e</sup> See, however, discussion in (1974MI13).