

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

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

^a For $T = 1$ states see Table 20.16.

^b Values used in DWBA calculations.

^c From Table 20.18.

^d Unresolved.

^e See, however, discussion in (1974MI13).