Table 20.34 from (1983AJ01):
$T = 0$ states of ^{20}Ne from ^{21}Ne(d, t)^{20}Ne (1974MI13) [a]

E_x (MeV $\pm$ keV)	l	nlj [b]	C^2S	J^π [c]
$\equiv 5.622$	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^- [e]
9.084 ± 21 [d]	2	$1d_{5/2}$	≤ 0.12	
9.357 ± 17 [d]	1	$1p_{1/2}$	≤ 0.1	[f]
9.913 ± 19 [d]	2	$1d_{5/2}$	< 0.16	
10.385 ± 12	1	$1p_{3/2}$	0.08	3^- [e]
10.880 ± 10 [d]	1	$1p_{3/2}$	0.13	

[a] For $T = 1$ states see Table 20.15.

[b] Values used in DWBA calculations.

[c] From Table 20.17.

[d] Unresolved.

[e] $K^\pi = (1^-)$.

[f] See, however, discussion in (1974MI13).