Table 20.16 from (1978AJ03):
Analog states of $A = 20$ observed in ^{21}Ne(d, ^{3}He)^{20}F and ^{21}Ne(d, t)^{20}Ne [a]

^{20}F* (MeV) [b]	J^π	^{20}Ne* (MeV $\pm$ keV)	l	C^2S			
				^{20}F		^{20}Ne	
0	2^+	10.27 [b]	$0+2$	$0.24+0.58$		$0.08+0.25$	
0.66	3^+	10.880 ± 10	2	0.66		0.42	
0.82	4^+	11.086 ± 10	2	0.26		0.18	
0.98	1^-		1		0.84		0.52
		11.27					
1.06	1^+		$0+2$	$0.08+0.25$		$0.03+0.18$	
1.31	2^-	11.601 ± 10	1		0.86		0.50
1.84	2^-	12.100 ± 10	1		0.69		0.43
2.04	2^+		2	0.15			
2.19	(3^+)		2	0.16			
				$l = 0+2$	$l = 1$	$l = 0+2$	$l = 1$
			sums:	2.38	2.39	1.14	1.45

[a] (1974MI13); $E_{\rm d} = 26$ MeV; DWBA analysis of angular distributions. See Table 20.38 for $T = 0$ states in ^{20}Ne observed in the (d, t) reaction.

[b] $E_{\rm x}$ are nominal.