

Table 20.16 from (1959AJ76): Neutron groups from $^{19}\text{F}(\text{d}, \text{n})^{20}\text{Ne}$

E_x^{a} (MeV)	E_x^{b} (MeV)	l_{p}	J^{π}	$\frac{\Lambda^{\text{d}}}{2J+1}$
0	0	0	$0^+, 1^+$	0.07
1.5	1.6	2	$1^+, 2^+, 3^+$	0.44
4.2				
5.4				
7.3	7.3 ^c {	(0)	$(0^+, 1^+)$	0.039
		(2)	$(1^+, 2^+, 3^+)$	1.0
9.0	9.2	1	$0^-, 1^-, 2^-$	0.054
10.1				

^a (1940BO1A).

^b (1955CA1F; $E_{\text{d}} = 9 \text{ MeV}$).

^c Unresolved levels; the angular distribution shows a composite of $l_{\text{p}} = 0$ and 2.

^d Proton capture probability, in c.g.s. units, $\times 10^{48}$.