

${}^{22}\text{Ne}(\text{d}, {}^3\text{He}), (\text{pol d}, {}^3\text{He})$ 1981Ma24

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	R. B. Firestone	NDS 127, 1 (2015)	15-Jan-2015

${}^{22}\text{Ne}(\text{d}, {}^3\text{He})$ E=52 MeV. Enriched target. DWBA analysis.

 ${}^{21}\text{F}$ Levels

E(level)	J^π	L	S	E(level)	J^π	L	S	E(level)	J^π	L	S
0	$5/2^+$	2	2.52	3449	$(3/2, 5/2)^+$	2	0.15	7470	$3/2^-$	3	1.24
280	$1/2^+$	0	0.67	3508	$(3/2, 5/2)^+$	2	0.15	7740	$(1/2, 3/2)^-$	1	0.45
1101	$1/2^-$	1	3.07	4160	$(3/2, 5/2)^+$	2	0.13	8170	$(1/2, 3/2)^-$	1	0.47
1729	$3/2^+$	2	0.47	4567	$(3/2, 5/2)^+$	2	0.25	8560?	$(1/2, 3/2)^-$	1	0.35
2040	$3/2^-$	1	0.79	5016	$3/2^-$	1	0.88	9430?	$(1/2, 3/2)^-$	1	0.40
2410	$(1/2, 3/2)^-$	1	0.04	7190	$(1/2, 3/2)^-$	1	0.33				