^{21}Ne(^{3}He,d)　　1971Ga14

	History		
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 127, 69(2015)	1-Apr-2015

$J^\pi(^{21}$Ne)=3/2$^+$.

^{21}Ne(^{3}He,d) E=18 MeV. Enriched target, J^π=3/2$^+$. Measured $\sigma(Ep,\theta)$, multi-angle spectrograph. DWBA calculation.

^{22}Na Levels

E(level)[†]	L	S	Comments
0.0	2	0.47	
583	2(+0)	0.65	
657	2	<0.4	
891	2	0.80	
1528			
1936	0+2		L: unresolved from 1952 keV level.
1952	0+2		L: unresolved from 1936 keV level.
1983	2	0.27	
2212	1		
2572	1		
2969	2		
3060	0+2	0.12,0.5 *6*	
3520	(1)		
3707			
3944	0+2	0.33	
4072	2	0.04	
4320	(2)		
4361	0		
4468			
4524			
4583	(0)		
4622			
4771	2	0.13	
5063			
5101			
5131			
5174	0+2	0.12,0.2 *8*	
5318	2(+0)		
5442	1		
5603	0+2		
5725			
5739			
5832			
5863			
5995	0+2		
6090	2(+0)		
6189	2		
6242			
6329	1	0.37	
6433			
6551	0+2		

[†] From Adopted Levels.