

$^{26}\text{Mg}(^3\text{He,d})$ 1990Ch21,2000Ar20,1989Wa19

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 112,1875 (2011)	30-Nov-2010

Other: 1994Ve04, 1970Lu07.

1990Ch21: $^{26}\text{Mg}(^3\text{He,d})$, E=20.4 MeV; measured $\sigma(\theta\text{-d})$, $d\gamma\text{-coin}$. Deduced spectroscopic factor S, Γ_p , resonance strengths.

Enriched target.

2000Ar20: 87.3% enriched ^{26}Mg target, Projectile: ^3He , E=22.3 MeV; deduced L, spectroscopic factor for 0-, 840- and 2980-keV levels.

1989Wa19: $^{26}\text{Mg}(^3\text{He,d})$, E=20.2 MeV; measured $\sigma(\theta)$, deduced L value.

 ^{27}Al Levels

E(level) [†]	L [‡]	S [‡]	Comments
0	2 [#]	0.29 [#]	S: Other: 0.42 (1994Ve04).
840	0 [#]	0.43 [#]	S: Other: 0.61 (1994Ve04).
2980	2 [#]	0.47 [#]	S: Other: 0.44 (1994Ve04).
7578 2	(3) [@]		
7676.5 15	2 [@]		
7721 1	(2) [@]		
7858 2	2 [@]		
7900 1	3 [@]		
8065 2	2 [@]		
8097 1	(3) [@]		
8130 3	0 [@]		
8182.1 13	1 [@]		
8324 1	2	0.11	
8361 3	(0,1)		
8376 1	2	0.008	
8420.7 10	2	0.04	
8490.3 12	2	0.38	
8537 1	(2,3)		
8597.6 3	1	0.48	
8716.6 6	0	0.14	
8732.2 5	3	0.13	
8909.2 5	1	0.12	

[†] From Adopted Levels.

[‡] From 1990Ch21, except otherwise noted. S values (1990Ch21) multiplied by (2J+1).

[#] From 2000Ar20.

[@] From 1989Wa19.