

²⁶Mg(d,n γ),²⁶Mg(d,n) 1975Uz01,1970Sk06

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

Other: 1967La01.

1975Uz01: ²⁶Mg(d,n), E=6, 8 MeV; measured $\sigma(En,\theta)$, deduced levels, L(p), Spectroscopic factor. 99% enriched target of MgO.

1970Sk06: ²⁶Mg(d,n γ), E=1.8, 2.0 MeV; measured $\sigma(E\gamma)$; Deduced levels, γ -ray branching.

²⁷Al Levels

E(level) [†]	L [#]	E(level) [†]	L [#]	E(level) [†]	L [#]	E(level) [†]	L [#]
0	2	5668 [‡] 6		7229 [‡] 5		8916 [‡] 6	1
844 [‡] 8	0	5748 [‡] 8	0@	7283 [‡] 4		8971 [‡] 6	1
1013 [‡] 10	2	5828 [‡] 4		7414 [‡] 6		9058 [‡] 5	2
2210.9 7		5962 [‡] 9		7446 [‡] 4		9093 [‡] 9	0
2734.9 6	2	6087 [‡] 9		7482 [‡] 4		9199 [‡] 5	
2982.4 7	2	6116 [‡] 6		7554 [‡] 5		9239 [‡] 5	
3679.3 12	0	6160 4	1	7578 [‡] 5		9280 [‡] 5	
3956.7 11	2	6281 [‡] 5		7678 [‡] 5		9366 [‡] 8	
4054.6 15		6475 [‡] 5	3	7725 [‡] 6		9398 [‡] 11	
4410 2	2	6530 [‡] 5		7862 [‡] 4	2	9432 [‡] 10	
4505 [‡] 8		6605 [‡] 4	1	7904 [‡] 4		9487 [‡] 7	
4579 [‡] 10		6652 [‡] 5		7946 [‡] 6		9521 [‡] 7	
4813 3		6710 [‡] 6		8069 [‡] 9		9609 [‡] 5	1
5154 3	1	6773 [‡] 4		8135 [‡] 5	0	9636 [‡] 6	1
5242 [‡] 6		6813 [‡] 4	0	8187 [‡] 4	1	9674 [‡] 5	1
5435 5		6995 [‡] 7	1	8498 [‡] 5	(2,3)	9720 [‡] 6	
5497 [‡] 5		7069 [‡] 7	0	8604 [‡] 5	1	9840 [‡] 5	
5545 [‡] 6		7174 [‡] 6		8717 [‡] 6	0		

[†] From 1970Sk06, except otherwise noted. All levels reported in 1970Sk06 are present in 1975Uz01.

[‡] From 1975Uz01.

[#] From 1975Uz01, except otherwise noted.

@ From 1967La01.