

$^{26}\text{Mg}(\text{d}, ^6\text{Li})$ [1981Ve05,1980Oe01](#)

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

[1981Ve05](#): $^{26}\text{Mg}(\text{d}, ^6\text{Li})$ E=55 MeV. Magnetic spectrograph, enriched targets.

Others: [1980Oe01](#): $^{26}\text{Mg}(\text{d}, ^6\text{Li})$ E=80 MeV. Magnetic spectrograph, enriched targets, [1976Co15](#).

 ^{22}Ne Levels

E(level) [‡]	J ^π [@]	S [†]	E(level) [‡]	J ^π [@]	S [†]	E(level) [‡]	J ^π [@]	S [†]
0	0 ⁺	1.00	6233 [#]	0 ⁺	0.15	7.70×10 ³ 20	3 ⁻	0.09
1273 [#]	2 ⁺	0.86	6340 7	4 ⁺	0.17	7920 10	(2) ⁺	0.07
3365 7	4 ⁺	0.12	6.62×10 ³ 20	(3,4) ⁺		8134 10	2 ⁺	0.13
4460 [#]	2 ⁺	0.14	6676 7	1 ⁻	0.23	8.37×10 ³ 20	(3) ⁻	
5142 [#]	2 ⁻		6818 [#]	2 ⁺	0.13	8452 7		0.75
5359 7	2 ⁺	0.22	6886 10	0 ⁺		8573 10		
5520 [#]	(4) ⁺	0.87	7.08×10 ³ 20	1 ⁻	0.06	8724 10	(3) ⁻	0.13
5629 10	3 ⁺		7.32×10 ³ 20	0 ⁺		9042 7		
5908 [#]	3 ⁻	1.45	7397 7	(3) ⁻	2.66	9229 10		
6113 10	2 ⁺	0.09	7623 10	2 ⁺	0.14	9.49×10 ³ 20		

[†] Spectroscopic amplitude for the α -pickup reaction normalized to 1.0 for the ground state from [1981Ve05](#).

[‡] From [1981Ve05](#).

[#] Used for energy calibration.

[@] From Adopted Levels.