

$^{26}\text{Mg}(\text{d},^3\text{He}),(\text{pol d},^3\text{He})$  [1971Kr04](#),[1973Ja04](#),[1984Ki11](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	R. B. Firestone	NDS 110, 1691 (2009)	1-Feb-2008

[1971Kr04](#):  $^{26}\text{Mg}(\text{d},^3\text{He})$ , E=52 MeV. Measured  $\sigma(E\gamma,\theta)$ , E $\Delta$ E telescope.

[1973Ja04](#):  $^{26}\text{Mg}(\text{d},^3\text{He})$ , E=29 MeV. Measured  $\sigma(\theta)$ .

[1984Ki11](#):  $^{26}\text{Mg}(\text{pol d},^3\text{He}),(\text{d},^3\text{He}),(\text{d,t})$  E=52 MeV. Measured  $\sigma(\theta),\sigma(E(^3\text{He})),\sigma(\text{Et})$ . DWBA calculations.

 $^{25}\text{Na}$  Levels

E(level) <sup>†</sup>	J $^{\pi}$ <sup>‡</sup>	L <sup>†</sup>	S <sup>#</sup>	Comments
0	5/2 <sup>+</sup>	2	3.91	S: For doublet although contribution of 90-keV 3/2 <sup>+</sup> is expected to be only 8%.
90		2	0.29	
1066 9	1/2 <sup>+</sup>	0	0.38	
2205 16	3/2 <sup>+</sup>	2	0.27	
2419 13				
2788				
2910 20	5/2 <sup>+</sup>	2	0.41	
3357 20				
3682 24		(2)	0.11	
3928		(0)	0.08	
3995 9	1/2 <sup>-</sup>	1	2.84	
4266 24	1/2 <sup>+</sup>	0	0.05	
5188 19	3/2 <sup>-</sup>	1	1.24	
5692 21	3/2 <sup>-</sup>	1	0.26	
5876 12				
6005 22	(1/2,3/2) <sup>-</sup>	1	0.09	
6079 15				
6154 15				
6549 15	3/2 <sup>-</sup>	1	0.21	
6753 21		1	<0.16	
6863 20				
6936 20				
6985 20				
7603 17	3/2 <sup>-</sup>	1	0.40	
7780 25				
8052 26	(1/2,3/2) <sup>-</sup>	1	0.18	
8400 25				

<sup>†</sup> From [1971Kr04](#) and [1973Ja04](#) except as noted.

<sup>‡</sup> From (pol d,<sup>3</sup>He), [1984Ki11](#).

<sup>#</sup> C<sup>2</sup>S from [1971Kr04](#) and [1973Ja04](#), except from [1984Ki11](#) when J $^{\pi}$  is given.