

$^{28}\text{Si}(\text{p,d})$  [1979MiZH,1968Ko11](#)

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

[1979MiZH](#): E(p)=95.3-136.2 MeV.

[1968Ko11](#): E(p)=33.6 MeV.

 $^{27}\text{Si}$  Levels

E(level) <sup>†</sup>	L	S <sup>#</sup>	Comments
0	2	3.65	
774 <i>10</i>	0	0.64	
952 <i>10</i>	2	0.34	
2167 <i>10</i>			
2647 <i>10</i>	2	0.47	
2900	2		
4127 <i>10</i>	1	1.20	S: Assuming pickup from 1p shell. Spectroscopic factor=0.21 for 2p shell pickup assumption ( <a href="#">1968Ko11</a> ).
4275 <i>15</i>	2	0.34	
4474.8 <sup>‡</sup> <i>7</i>	4		
5062 <sup>‡</sup> <i>2</i>	2		
5233 <i>15</i>	1	1.67	S: Assuming pickup from 1p shell. Spectroscopic factor=0.28 for 2p shell pickup assumption ( <a href="#">1968Ko11</a> ).
5391.7 <sup>‡</sup> <i>16</i>	2		
5523 <i>20</i>			
6343 <i>20</i>	2	0.45	

<sup>†</sup> All energies quoted from Adopted Levels. Reported in [1968Ko11](#), except otherwise noted.

<sup>‡</sup> Reported in [1979MiZH](#).

<sup>#</sup> From [1968Ko11](#).