

^{35}Si $Z = 14$ $N = 21$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 285.935 (0.036) MeV

Qbeta- = 10.466 (0.036) MeV

	Energy T	J+	J-	J-other	T1/2

35SI 1			0.000 (7/2)-		1 0.78 S 12
35SI 2			0.910 (3/2)-		2 55 PS 14
35SI 3	0.974	(3/2+)			3 5.9 NS 6
35SI 4	1.444	(1/2+)			4
35SI 5	1.689	1/2+			5
35SI 6				1.970	6
35SI 7			2.044 (1/2)-		7
35SI 8	2.168	5/2+			8
35SI 9				2.194 (1/2-,3/2)	9
35SI 10				2.275	10

35SI 11				2.377	11
S-n =	2.471 (0.036)	-----			
35SI 12				3.140	12
35SI 13				3.450	13
35SI 14				3.611	14
35SI 15				3.770	15
35SI 16				5.190	16
35SI 17			5.500 (5/2)-		17
35SI 18				5.760	18
35SI 19				6.330	19
35SI 20				7.360	20

35SI 21				7.690	21

S-p = 18.683 (0.036) -----

S-n = 2.471 (0.036) -----

S-2p = 33.932 (0.036) -----

S-2n = 10.020 (0.036) -----

S-alpha= 13.694 (0.036) -----

S+p = -13.149 (0.038)

S+n = -6.116 (0.080)

S+2p = -27.083 (0.036)

S+2n = -8.323 (0.119)

S+alpha = -11.196 (0.062)

gap p = 5.534 (0.052)

gap n = -3.645 (0.088)
gap 2p = 6.849 (0.051)
gap 2n = 1.697 (0.125)
gap alpha = 2.498 (0.071)