

^{37}Si $Z = 14$ $N = 23$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 294.257 (0.114) MeV

Qbeta- = 12.424 (0.120) MeV

	Energy T	J+	J-	J-other	T1/2
37SI 1				0.000 (5/2-)	1 90 MS 60
37SI 2				0.068 (7/2-)	2
37SI 3				0.155 (3/2-)	3 3.0 NS 7
37SI 4				0.693 (3/2-)	4
37SI 5				0.717 (3/2+)	5
37SI 6				1.270 (5/2+)	6
37SI 7				1.438 (1/2-)	7 1.4 PS +30-9
37SI 8				0.000 (5/2-)	8

S-p = 19.811 (0.188)-----

S-n = 2.207 (0.135)-----

S-2p = 36.789 (0.293)-----

S-2n = 8.323 (0.119)-----

S-alpha= 13.959 (0.114)-----

S+p = -15.339 (0.135)

S+n = -5.670 (0.155)

S+2p = -31.169 (0.124)

S+2n = -7.251 (0.177)

S+alpha = -14.862 (0.114)

gap p = 4.472 (0.231)

gap n = -3.463 (0.205)

gap 2p = 5.620 (0.318)

gap 2n = 1.072 (0.213)

gap alpha = -0.903 (0.161)