

^{36}Si $Z = 14$ $N = 22$ adopted link ENSDF link

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

BE = 292.051 (0.072) MeV

Qbeta- = 7.815 (0.073) MeV

	Energy T	J+	J-	J-other	T1/2
36SI 1	0.000	0+			1 0.45 S 6
36SI 2	1.408	2+			2 2.7 PS +11-7
36SI 3				2.850 (4+)	3
36SI 4				3.692 (6+)	4

S-p = 19.501 (0.072)-----
 S-n = 6.116 (0.080)-----
 S-2p = 35.337 (0.072)-----
 S-2n = 8.587 (0.072)-----
 S-alpha= 14.032 (0.072)-----

S+p = -13.849 (0.081)
 S+n = -2.207 (0.135)
 S+2p = -29.003 (0.072)
 S+2n = -7.877 (0.127)
 S+alpha = -12.827 (0.072)

gap p = 5.653 (0.109)
 gap n = 3.909 (0.157)
 gap 2p = 6.334 (0.102)
 gap 2n = 0.710 (0.146)
 gap alpha = 1.206 (0.102)