

^{34}Si $Z = 14$ $N = 20$ adopted link ENSDF link

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

BE = 283.464 (0.001) MeV

Qbeta- = 4.557 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
34SI 1	0.000	0+			1 2.77 S 20
34SI 2	3.327	2+			2 82 FS 32
34SI 3				3.590	3
34SI 4				4.256 (3-)	4 210 NS LT
34SI 5				4.380 (3-)	5
34SI 6				4.520	6
34SI 7				4.971 (3-,4-,5-)	7
34SI 8				5.042	8
34SI 9	5.330	2+			9
34SI 10				6.023	10

S-p = 18.783 (0.007)-----
 S-n = 7.549 (0.001)-----
 S-2p = 33.741 (0.003)-----
 S-2n = 12.057 (0.001)-----
 S-alpha= 13.535 (0.002)-----

S+p = -12.155 (0.002)
 S+n = -2.471 (0.036)
 S+2p = -25.250 (0.001)
 S+2n = -8.587 (0.072)
 S+alpha = -9.294 (0.007)

gap p = 6.628 (0.007)
 gap n = 5.078 (0.036)
 gap 2p = 8.490 (0.003)
 gap 2n = 3.470 (0.072)
 gap alpha = 4.241 (0.007)