

^{40}Si $Z = 14$ $N = 26$ adopted link ENSDF link

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

BE = 306.233 (0.122) MeV

Qbeta- = 13.806 (0.148) MeV

	Energy T	J+	J-	J-other	T1/2
40SI 1	0.000	0+			1 33.0 MS 10
40SI 2				0.986 (2+)	2
40SI 3				1.624 (0+,2+,4+)	3
40SI 4				1.831	4
40SI 5				2.524 (4+)	5

S-p = 23.093 (0.335)-----

S-n = 4.725 (0.182)-----

S-2p = 42.969 (0.509)-----

S-2n = 6.305 (0.161)-----

S-alpha= 17.138 (0.701)-----

S+p = -17.936 (0.171)

S+n = -0.529 (0.312)

S+2p = -37.883 (0.122)

S+2n = -4.987 (0.318)

S+alpha = -17.296 (0.122)

gap p = 5.157 (0.376)

gap n = 4.196 (0.361)

gap 2p = 5.086 (0.523)

gap 2n = 1.318 (0.357)

gap alpha = -0.158 (0.711)