

^{34}Si $Z = 14$ $N = 20$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 283.429 (0.014) MeV

Qbeta- = 4.592 (0.014) 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 = 18.748 (0.016)-----
 S-n = 7.514 (0.014)-----
 S-2p = 33.706 (0.014)-----
 S-2n = 12.022 (0.014)-----
 S-alpha= 13.498 (0.015)-----

S+p = -12.190 (0.014)
 S+n = -2.506 (0.039)
 S+2p = -25.285 (0.014)
 S+2n = -8.622 (0.073)
 S+alpha = -9.329 (0.016)

gap p = 6.558 (0.021)
 gap n = 5.008 (0.041)
 gap 2p = 8.421 (0.020)
 gap 2n = 3.400 (0.075)
 gap alpha = 4.169 (0.021)