

^{38}Si $Z = 14$ $N = 24$ [link to full NNDC output](#)

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

BE = 299.927 (0.105) MeV

Qbeta- = 10.451 (0.127) MeV

	Energy T	J+	J-	J-other	T1/2
38SI 1	0.000	0+			1 63 MS 8
38SI 2	1.074	2+			2 10 PS +6-3
38SI 3				2.233 (4+)	3
38SI 4				2.355 (4+)	4
38SI 5				3.285 (3)	5
38SI 6				3.656 (1-)	6
38SI 7				3.703 (4+)	7

S-p = 21.269 (0.208)-----
 S-n = 5.670 (0.155)-----
 S-2p = 39.128 (0.698)-----
 S-2n = 7.877 (0.127)-----
 S-alpha= 14.919 (0.109)-----

S+p = -15.893 (0.154)
 S+n = -1.581 (0.171)
 S+2p = -33.246 (0.105)
 S+2n = -6.543 (0.361)
 S+alpha = -15.892 (0.105)

gap p = 5.376 (0.259)
 gap n = 4.089 (0.231)
 gap 2p = 5.883 (0.706)
 gap 2n = 1.334 (0.382)
 gap alpha = -0.974 (0.151)