

$^{36}\text{Si}$        $Z = 14$        $N = 22$       [link to full NNDC output](#)

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

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 ( 0.077)-----  
 S-2n = 8.622 ( 0.073)-----  
 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 = 5.652 ( 0.109)  
 gap n = 3.909 ( 0.157)  
 gap 2p = 6.334 ( 0.106)  
 gap 2n = 0.745 ( 0.147)  
 gap alpha = 1.206 ( 0.102)