

$^{140}\text{Sb}$        $Z = 51$        $N = 89$       adopted link      ENSDF link

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

BE = 1134.420 (-0.560) MeV

Qbeta- = 12.032 ( 0.560) MeV

	Energy T	J+	J-	J-other	T1/2
140SB	1			0.000 (3-,4-)	1 173 MS 12
140SB	2			0.071 (4-,5-)	2
140SB	3			0.298 (5-,6-)	3

S-p = 12.273 (-0.698)-----  
 S-n = 2.404 (-0.698)-----  
 S-2p = 0.000 (-0.000)-----  
 S-2n = 5.856 (-0.624)-----  
 S-alpha= 5.748 (-0.623)-----

S+p = -13.602 (-0.702)  
 S+n = -3.309 (-0.795)  
 S+2p = -25.046 (-0.560)  
 S+2n = -5.414 (-0.628)  
 S+alpha = -3.396 (-0.707)

gap p = -1.329 ( 0.990)  
 gap n = -0.905 ( 1.058)  
 gap 2p = 0.000 ( 0.000)  
 gap 2n = 0.442 ( 0.885)  
 gap alpha = 2.352 ( 0.942)