

$^{139}\text{Sb}$        $Z = 51$        $N = 88$       adopted link      ENSDF link

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

BE = 1132.016 (-0.417) MeV

Qbeta- = 10.203 ( 0.417) MeV

	Energy T	J+	J-	J-other	T1/2
139SB	1			0.000 (7/2+)	1 93 MS 13

S-p = 11.732 (-0.588)-----

S-n = 3.452 (-0.500)-----

S-2p = 28.755 (-0.585)-----

S-2n = 6.085 (-0.420)-----

S-alpha= 5.360 (-0.497)-----

S+p = -13.654 (-0.417)

S+n = -2.404 (-0.698)

S+2p = -24.502 (-0.417)

S+2n = -5.713 (-0.701)

S+alpha = -3.279 (-0.441)

gap p = -1.922 ( 0.721)

gap n = 1.048 ( 0.859)

gap 2p = 4.253 ( 0.719)

gap 2n = 0.372 ( 0.818)

gap alpha = 2.081 ( 0.664)