

^{140}Tb $Z = 65$ $N = 75$ adopted link ENSDF link

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

BE = 1129.614 (0.800) MeV

Qbeta+ = 11.300 (0.801) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-3.273 (0.812)				
140TB 1			0.000	(7+)	1 2.29 S 15

S-p = 0.100 (0.812)-----

S-n = 10.386 (0.847)-----

S-2p = 3.311 (0.801)-----

S-2n = 22.992 (0.847)-----

S-alpha= -3.273 (0.812)-----

S+p = -2.193 (0.849)

S+n = -12.130 (0.807)

S+2p = -1.416 (0.907)

S+2n = -22.220 (1.064)

S+alpha = 3.448 (0.801)

gap p = -2.093 (1.175)

gap n = -1.744 (1.170)

gap 2p = 1.895 (1.210)

gap 2n = 0.772 (1.360)

gap alpha = 0.174 (1.140)