

^{143}Tb $Z = 65$ $N = 78$ adopted link ENSDF link

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

BE = 1163.765 (0.051) MeV

Qbeta+ = 7.812 (0.207) MeV

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

S-alpha=	-2.554 (0.053)				
143TB 1				0.000 (11/2-)	1 12 S 1

S-p = 0.749 (0.058)-----

S-n = 11.931 (0.702)-----

S-2p = 5.072 (0.053)-----

S-2n = 22.021 (0.117)-----

S-alpha= -2.554 (0.053)-----

S+p = -3.440 (0.052)

S+n = -10.020 (0.058)

S+2p = -3.279 (0.052)

S+2n = -22.123 (0.122)

S+alpha = 2.237 (0.051)

gap p = -2.691 (0.078)

gap n = 1.911 (0.705)

gap 2p = 1.793 (0.074)

gap 2n = -0.102 (0.169)

gap alpha = -0.317 (0.074)