

^{237}Th $Z = 90$ $N = 147$ adopted link ENSDF link

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

BE = 1792.536 (0.016) MeV

Qbeta- = 2.427 (0.021) MeV

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

S-alpha=	-3.196 (0.018)				
237TH 1				0.000 (5/2+)	1 4.8 M 5

S-p = 8.555 (0.041)-----

S-n = 4.371 (0.021)-----

S-2p = 15.701 (0.236)-----

S-2n = 10.205 (0.021)-----

S-alpha= -3.196 (0.018)-----

S+p = -6.350 (0.022)

S+n = -5.554 (0.239)

S+2p = -13.960 (0.016)

S+2n = -9.524 (0.478)

S+alpha = 3.933 (0.242)

gap p = 2.205 (0.047)

gap n = -1.182 (0.239)

gap 2p = 1.741 (0.236)

gap 2n = 0.681 (0.479)

gap alpha = 0.737 (0.242)