

^{236}Th $Z = 90$ $N = 146$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1788.165 (0.014) MeV

Qbeta- = 0.921 (0.020) MeV

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

S-alpha=	-3.333 (0.017)	-----			

236TH	1 0.000	0+			1 37.5 M 2
236TH	2 0.048	(2+)			2
236TH	3 0.160	(4+)			3
236TH	4 0.329	(6+)			4
236TH	5 0.553	(8+)			5
236TH	6 0.826	(10+)			6

S-p = 8.391 (0.020) -----

S-n = 5.834 (0.019) -----

S-2p = 15.253 (0.016) -----

S-2n = 10.500 (0.014) -----

S-alpha= -3.333 (0.017) -----

S+p = -6.017 (0.019)

S+n = -4.371 (0.021)

S+2p = -13.525 (0.014)

S+2n = -9.925 (0.238)

S+alpha = 4.035 (0.014)

gap p = 2.374 (0.027)

gap n = 1.462 (0.028)

gap 2p = 1.728 (0.022)

gap 2n = 0.575 (0.239)

gap alpha = 0.702 (0.022)