

^{226}Th $Z = 90$ $N = 136$ adopted link ENSDF link

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

BE = 1730.509 (0.004) MeV

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

S-alpha=	-6.453	(0.006)	-----			

226TH 1	0.000	0+				1 30.57 M 10
226TH 2	0.072	2+				2 0.395 NS 20
226TH 3	0.226	4+				3
226TH 4				0.230	1-	4
226TH 5				0.308	3-	5
226TH 6					0.351	6
226TH 7					0.362	7
226TH 8	0.447	6+				8
226TH 9				0.451	5-	9
226TH 10				0.658	7-	10

226TH 11	0.722	8+				11
226TH 12	0.805	(0+)				12
226TH 13	0.848	(2+)				13
226TH 14				0.923	9-	14
226TH 15	1.040	10+				15
226TH 16				1.238	11-	16
226TH 17	1.395	12+				17
226TH 18				1.596	13-	18
226TH 19	1.781	14+				19
226TH 20				1.989	15-	20

226TH 21	2.196	16+				21
226TH 22				2.413	17-	22
226TH 23	2.635	18+				23
226TH 24				2.861	19-	24
226TH 25	3.097	20+				25

S-p = 5.729 (0.007) -----
S-n = 7.184 (0.007) -----
S-2p = 10.206 (0.005) -----
S-2n = 12.941 (0.011) -----
S-alpha= -6.453 (0.006) -----

S+p = -3.656 (0.009)
S+n = -5.464 (0.005)
S+2p = -8.555 (0.014)
S+2n = -12.569 (0.005)

S+alpha = 5.992 (0.006)

gap p = 2.072 (0.011)

gap n = 1.720 (0.008)

gap 2p = 1.651 (0.015)

gap 2n = 0.371 (0.012)

gap alpha = -0.460 (0.009)