

$^{226}\text{Th}$        $Z = 90$        $N = 136$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1730.509 ( 0.005) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-6.452	( 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
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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
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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 = 12.939 ( 0.011)-----  
S-alpha= -6.452 ( 0.006)-----

S+p = -3.655 ( 0.009)  
S+n = -5.464 ( 0.005)  
S+2p = -8.553 ( 0.015)  
S+2n = -12.569 ( 0.005)  
S+alpha = 5.993 ( 0.006)

gap p = 2.073 ( 0.011)  
gap n = 1.720 ( 0.008)  
gap 2p = 1.653 ( 0.016)  
gap 2n = 0.369 ( 0.012)  
gap alpha = -0.460 ( 0.009)