

^{236}Pu $Z = 94$ $N = 142$ adopted link ENSDF link

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

BE = 1788.389 (0.002) MeV

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

S-alpha=	-5.867 (0.003)	-----			
236PU 1	0.000	0+			1 2.858 Y 8
236PU 2	0.045	2+			2
236PU 3	0.147	4+			3
236PU 4	0.306	6+			4
236PU 5	0.516	8+			5
236PU 6			0.698	1-	6
236PU 7			0.758	3-	7
236PU 8	0.774	10+			8
236PU 9			0.866	5-	9
236PU 10	1.074	12+			10

236PU 11			1.185	5-	11 1.2 US 3
236PU 12				1.312 (0-)	12
236PU 13				1.341 (2-)	13
236PU 14	1.414	14+			14
236PU 15	1.786	16+			15
236PU 16	2.188	18+			16
236PU 17	2.616	20+			17
236PU 18				3.000 (0+)	18 37 PS 4
236PU 19	3.064	22+			19
236PU 20	3.530	24+			20

236PU 21				4.100	21 34 NS 8

S-p = 5.431 (0.002)-----
 S-n = 7.352 (0.021)-----
 S-2p = 9.822 (0.002)-----
 S-2n = 13.591 (0.007)-----
 S-alpha= -5.867 (0.003)-----

S+p = -3.568 (0.002)
 S+n = -5.881 (0.002)
 S+2p = -8.034 (0.012)
 S+2n = -12.881 (0.002)
 S+alpha = 6.398 (0.003)

gap p = 1.863 (0.003)
 gap n = 1.471 (0.021)
 gap 2p = 1.787 (0.013)

gap 2n = 0.710 (0.007)
gap alpha = 0.531 (0.004)