

$^{246}\text{Pu}$        $Z = 94$        $N = 152$       adopted link      ENSDF link

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

BE = 1846.609 ( 0.015) MeV

Qbeta- = 0.403 ( 0.015) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-4.431	( 0.242)	-----		
246PU 1	0.000	0+			1 10.84 D 2
246PU 2	0.047	2+			2
246PU 3	0.154	4+			3
246PU 4	0.321	6+			4
246PU 5	0.544	8+			5
246PU 6				0.769	6
246PU 7	0.818	10+			7
246PU 8				0.901	8
246PU 9				0.938	9
246PU 10	0.991	0+			10
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246PU 11				1.040	11
246PU 12	1.141	12+			12
246PU 13				1.212	13
246PU 14				1.246	14
246PU 15				1.424	15
246PU 16				1.464	16
246PU 17				1.548	17

S-p = 7.639 ( 0.245)-----

S-n = 5.855 ( 0.020)-----

S-2p = 0.000 ( 0.000)-----

S-2n = 10.554 ( 0.015)-----

S-alpha= -4.431 ( 0.242)-----

S+p = -5.644 ( 0.015)

S+n = -4.162 ( 0.247)

S+2p = -12.580 ( 0.015)

S+2n = 0.000 ( 0.000)

S+alpha = 5.170 ( 0.018)

gap p = 1.995 ( 0.246)

gap n = 1.693 ( 0.248)

gap 2p = 0.000 ( 0.000)

gap 2n = 0.000 ( 0.000)

gap alpha = 0.739 ( 0.243)