

$^{216}\text{Pb}$        $Z = 82$        $N = 134$       adopted link      ENSDF link

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

BE = 1671.840 (-0.216) MeV

Qbeta- = 1.538 ( 0.216) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.000	(-0.303)	-----		
216PB 1	0.000	0+			1 300 NS GT
216PB 2				0.887 (2+)	2
216PB 3				1.289 (4+)	3
216PB 4				1.459 (6+)	4

S-p = 9.890 (-0.305)-----

S-n = 5.001 (-0.222)-----

S-2p = 18.904 (-0.479)-----

S-2n = 8.547 (-0.216)-----

S-alpha= -2.000 (-0.303)-----

S+p = -5.971 (-0.217)

S+n = -3.183 (-0.306)

S+2p = -13.634 (-0.216)

S+2n = -7.850 (-0.307)

S+alpha = 5.426 (-0.217)

gap p = 3.919 ( 0.374)

gap n = 1.818 ( 0.378)

gap 2p = 5.270 ( 0.526)

gap 2n = 0.697 ( 0.375)

gap alpha = 3.427 ( 0.372)