

^{196}Rn $Z = 86$ $N = 110$ [link to full NNDC output](#)

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

BE = 1512.725 (0.015) MeV

Qbeta+ = 5.886 (0.034) MeV

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

S-alpha=	-7.617 (0.018)				
196RN	1 0.000	0+			1 4.4 MS +13-9

S-p = 1.848 (0.017)-----

S-n = 11.151 (0.053)-----

S-2p = 1.602 (0.019)-----

S-2n = 19.895 (0.022)-----

S-alpha= -7.617 (0.018)-----

S+p = 0.994 (0.056)

S+n = -8.532 (0.022)

S+2p = 0.000 (0.000)

S+2n = -19.344 (0.020)

S+alpha = 0.000 (0.000)

gap p = 2.842 (0.059)

gap n = 2.619 (0.057)

gap 2p = 0.000 (0.000)

gap 2n = 0.551 (0.030)

gap alpha = 0.000 (0.000)