

^{196}Rn $Z = 86$ $N = 110$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1512.721 (0.014) MeV

Qbeta+ = 5.888 (0.033) 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 = 1.843 (0.017) -----
 S-n = 11.146 (0.054) -----
 S-2p = 1.598 (0.019) -----
 S-2n = 19.892 (0.022) -----
 S-alpha= -7.617 (0.018) -----

S+p = 0.990 (0.058)
 S+n = -8.536 (0.021)
 S+2p = 0.000 (0.000)
 S+2n = -19.348 (0.019)
 S+alpha = 0.000 (0.000)

gap p = 2.833 (0.061)
 gap n = 2.610 (0.058)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.544 (0.029)
 gap alpha = 0.000 (0.000)