

^{210}Rn $Z = 86$ $N = 124$ adopted link ENSDF link

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

BE = 1637.300 (0.005) MeV

Qbeta+ = 2.367 (0.009) MeV

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

S-alpha=	-6.159 (0.006)	-----			

210RN	1 0.000	0+			1 2.4 H 1
210RN	2 0.644	2+			2
210RN	3 1.462	(4)+			3
210RN	4 1.545	(4)+			4
210RN	5 1.665	(6)+			5 7.6 NS 7

S-p = 4.010 (0.007) -----
 S-n = 8.735 (0.011) -----
 S-2p = 6.714 (0.005) -----
 S-2n = 16.092 (0.011) -----
 S-alpha= -6.159 (0.006) -----

S+p = -1.824 (0.013)
 S+n = -7.222 (0.008)
 S+2p = -5.172 (0.011)
 S+2n = -15.197 (0.006)
 S+alpha = 7.273 (0.007)

gap p = 2.186 (0.014)
 gap n = 1.513 (0.014)
 gap 2p = 1.542 (0.012)
 gap 2n = 0.895 (0.012)
 gap alpha = 1.114 (0.009)