

^{213}Rn $Z = 86$ $N = 127$ adopted link ENSDF link

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

BE = 1657.605 (0.003) MeV

Qbeta+ = 0.884 (0.006) MeV

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

S-alpha=	-8.245 (0.004)				
213RN 1				0.000 (9/2+)	1 19.4 MS 2
213RN 2				0.705 (11/2+)	2
213RN 3				0.896 (15/2-)	3 26.3 NS 7
213RN 4				1.260 (13/2+)	4
213RN 5				1.347	5
213RN 6				1.353	6
213RN 7				1.529 (17/2+)	7
213RN 8				1.574	8
213RN 9				1.612	9
213RN 10				1.664 (21/2+)	10 29.1 NS 14

S-p = 4.357 (0.004)-----
 S-n = 5.108 (0.005)-----
 S-2p = 7.841 (0.004)-----
 S-2n = 13.083 (0.008)-----
 S-alpha= -8.245 (0.004)-----

S+p = -2.551 (0.009)
 S+n = -6.695 (0.010)
 S+2p = -6.350 (0.008)
 S+2n = -11.616 (0.007)
 S+alpha = 9.161 (0.008)

gap p = 1.805 (0.010)
 gap n = -1.587 (0.011)
 gap 2p = 1.491 (0.009)
 gap 2n = 1.468 (0.010)
 gap alpha = 0.916 (0.009)