

^{199}Rn $Z = 86$ $N = 113$ adopted link ENSDF link

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

BE = 1540.470 (0.007) MeV

Qbeta+ = 7.264 (0.009) MeV

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

S-alpha=	-7.132 (0.009)				
199RN 1				0.000 (3/2-)	1 0.59 S 3
199RN 2				0.180 (13/2+)	2 0.31 S 2

S-p = 2.140 (0.009)-----
 S-n = 8.401 (0.015)-----
 S-2p = 2.745 (0.012)-----
 S-2n = 19.213 (0.018)-----
 S-alpha= -7.132 (0.009)-----

S+p = 0.404 (0.031)
 S+n = -10.512 (0.009)
 S+2p = -1.081 (0.022)
 S+2n = -18.690 (0.012)
 S+alpha = 7.736 (0.012)

gap p = 2.544 (0.033)
 gap n = -2.111 (0.018)
 gap 2p = 1.663 (0.025)
 gap 2n = 0.522 (0.022)
 gap alpha = 0.604 (0.015)