

^{197}Rn $Z = 86$ $N = 111$ adopted link ENSDF link

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

BE = 1521.257 (0.016) MeV

Qbeta+ = 7.866 (0.018) MeV

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

S-alpha=	-7.411 (0.022)				
197Rn 1			0.000	(3/2-)	1 65 MS +25-14

S-p =	1.865 (0.034)				
S-n =	8.536 (0.021)				
S-2p =	1.951 (0.017)				
S-2n =	19.683 (0.054)				
S-alpha=	-7.411 (0.022)				

S+p =	0.778 (0.035)				
S+n =	-10.812 (0.021)				
S+2p =	0.000 (0.000)				
S+2n =	-19.213 (0.018)				
S+alpha =	8.002 (0.026)				

gap p =	2.644 (0.049)				
gap n =	-2.276 (0.030)				
gap 2p =	0.000 (0.000)				
gap 2n =	0.470 (0.057)				
gap alpha =	0.591 (0.034)				