

^{198}Rn $Z = 86$ $N = 112$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1532.069 (0.013) MeV

Qbeta+ = 5.484 (0.015) MeV

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

S-alpha=	-7.349 (0.019)	-----			
198RN 1	0.000	0+			1 65 MS 3
198RN 2				0.339 (2+)	2
198RN 3				0.749 (4+)	3
198RN 4				1.231 (6+)	4
198RN 5				1.780 (8+)	5
S-p	= 2.164 (0.016)	-----			
S-2p	= 2.335 (0.019)	-----			
198RN 6				2.384 (10+)	6
S-p	= 2.164 (0.016)	-----			
S-n	= 10.812 (0.021)	-----			
S-2p	= 2.335 (0.019)	-----			
S-2n	= 19.344 (0.020)	-----			
S-alpha=	-7.349 (0.019)	-----			
S+p	= 0.713 (0.019)				
S+n	= -8.341 (0.040)				
S+2p	= 0.000 (0.000)				
S+2n	= -18.917 (0.019)				
S+alpha	= 7.880 (0.020)				
gap p	= 2.877 (0.025)				
gap n	= 2.472 (0.045)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.427 (0.028)				
gap alpha	= 0.531 (0.027)				