

^{204}Ra $Z = 88$ $N = 116$ [link to full NNDC output](#)

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

BE = 1571.645 (0.015) MeV

Qbeta+ = 5.449 (0.029) MeV

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

S-alpha=	-7.637 (0.020)				
204RA	1 0.000	0+			1 57 MS +11-5

S-p	= 2.109 (0.017)				
S-n	= 10.676 (0.041)				
S-2p	= 2.247 (0.023)				
S-2n	= 19.161 (0.021)				
S-alpha=	-7.637 (0.020)				

S+p	= 0.761 (0.053)				
S+n	= -8.289 (0.072)				
S+2p	= 0.000 (0.000)				
S+2n	= -18.634 (0.024)				
S+alpha	= 8.202 (0.037)				

gap p	= 2.870 (0.056)				
gap n	= 2.387 (0.083)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.527 (0.032)				
gap alpha	= 0.565 (0.043)				