

^{207}Ra $Z = 88$ $N = 119$ adopted link ENSDF link

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

BE = 1598.402 (0.058) MeV

Qbeta+ = 6.363 (0.061) MeV

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

S-alpha=	-7.273 (0.059)				
207RA 1				0.000 (3/2-,5/2-)	1 1.35 S -13+22
207RA 2				0.554 (13/2+)	2 59 MS 4

S-p = 2.528 (0.065)-----
 S-n = 8.123 (0.061)-----
 S-2p = 3.354 (0.059)-----
 S-2n = 18.432 (0.063)-----
 S-alpha= -7.273 (0.059)-----

S+p = -0.042 (0.087)
 S+n = -9.857 (0.059)
 S+2p = -1.702 (0.058)
 S+2n = -17.798 (0.059)
 S+alpha = 7.938 (0.104)

gap p = 2.486 (0.108)
 gap n = -1.734 (0.085)
 gap 2p = 1.653 (0.083)
 gap 2n = 0.634 (0.086)
 gap alpha = 0.664 (0.119)