

^{232}Ra $Z = 88$ $N = 144$ adopted link ENSDF link

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

BE = 1763.202 (0.009) MeV

Qbeta- = 1.343 (0.016) MeV

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

S-alpha=	-2.828 (0.020)	-----			
232RA 1	0.000	0+			1 4.2 M 8
232RA 2				0.054 (2+)	2
232RA 3				0.179 (4+)	3
232RA 4				0.368 (6+)	4
232RA 5				0.849 (3:6)	5
232RA 6				0.900 (3:6)	6
232RA 7				1.050 (3:6)	7

S-p = 8.873 (0.012)-----

S-n = 5.791 (0.015)-----

S-2p = 16.352 (0.230)-----

S-2n = 10.162 (0.014)-----

S-alpha= -2.828 (0.020)-----

S+p = -6.478 (0.016)

S+n = -4.234 (0.013)

S+2p = -14.462 (0.010)

S+2n = -9.709 (0.012)

S+alpha = 3.333 (0.017)

gap p = 2.395 (0.020)

gap n = 1.557 (0.019)

gap 2p = 1.890 (0.230)

gap 2n = 0.453 (0.019)

gap alpha = 0.505 (0.026)