

^{226}Ra $Z = 88$ $N = 138$ adopted link ENSDF link

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

BE = 1731.604 (0.002) MeV

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

S-alpha=	-4.871	(0.003)			
226RA 1	0.000	0+			1 1600 Y 7
226RA 2	0.068	2+			2 0.63 NS 2
226RA 3	0.212	4+			3 0.17 NS AP
226RA 4			0.254	1-	4
226RA 5			0.322	3-	5
226RA 6	0.417	6+			6
226RA 7			0.446	5-	7
226RA 8			0.627	7-	8
226RA 9				0.650 (0+)	9
226RA 10	0.669	8+			10

226RA 11	0.825	0+			11
226RA 12			0.858	9-	12
226RA 13	0.874	2+			13
226RA 14	0.960	10+			14
226RA 15			1.049	1-	15
226RA 16				1.071 (2-)	16
226RA 17				1.077 1-,2	17
226RA 18				1.107 2+,3-	18
226RA 19				1.122 (2+)	19
226RA 20			1.133	11-	20

226RA 21				1.140	21
226RA 22	1.156	2+			22
226RA 23				1.220	23
226RA 24				1.239 (2)	24
226RA 25	1.281	12+			25
226RA 26				1.330	26
226RA 27	1.390	2+			27
226RA 28				1.420	28
226RA 29				1.423 0,1,2	29
226RA 30				1.438 1-,2	30

226RA 31			1.446	13-	31
226RA 32				1.540	32
226RA 33				1.587 1,2+	33
226RA 34				1.621 1-,2+	34
226RA 35	1.625	14+			35
226RA 36	1.723	2+			36
226RA 37				1.738 1,2+	37

226RA 38						1.756	1,2+	38
226RA 39						1.767	0,1,2	39
226RA 40						1.778	0,1,2	40

226RA 41						1.786	1-,2+	41
226RA 42				1.793	15-			42
226RA 43						1.865	1,2+	43
226RA 44						1.882	0,1,2	44
226RA 45						1.888	0,1,2	45
226RA 46						1.897	1-,2+	46
226RA 47						1.908	1,2+	47
226RA 48						1.946	1,2+	48
226RA 49						1.951	1-,2+	49
226RA 50						1.971	1-,2+	50

226RA 51						1.983	0+,1	51
226RA 52		1.993	16+					52
226RA 53						2.007	0,1,2	53
226RA 54						2.015	0,1,2	54
226RA 55						2.057	1,2+	55
226RA 56						2.086	1,2+	56
226RA 57				2.170	17-			57
226RA 58						2.182	0,1,2	58
226RA 59		2.189	2+					59
226RA 60						2.270	1,2+	60

226RA 61		2.382	18+					61

S-p = 7.442 (0.012)-----
S-n = 6.397 (0.003)-----
S-2p = 13.355 (0.010)-----
S-2n = 11.301 (0.003)-----
S-alpha= -4.871 (0.003)-----

S+p = -5.107 (0.003)
S+n = -4.561 (0.003)
S+2p = -11.475 (0.003)
S+2n = -10.870 (0.003)
S+alpha = 4.770 (0.002)

gap p = 2.335 (0.012)
gap n = 1.835 (0.004)
gap 2p = 1.881 (0.010)
gap 2n = 0.431 (0.004)
gap alpha = -0.101 (0.004)