

^{114}Ru $Z = 44$ $N = 70$ adopted link ENSDF link

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

BE = 955.928 (0.004) MeV

Qbeta- = 5.489 (0.072) MeV

	Energy T	J+	J-	J-other	T1/2
114RU 1	0.000	0+			1 0.54 S 3
114RU 2	0.265	2+			2
114RU 3				0.563 (2+)	3
114RU 4				0.708 (4+)	4
114RU 5				0.828 (3+)	5
114RU 6				1.056 (GE 3)	6
114RU 7				1.082 (4+)	7
114RU 8				1.299 (6+)	8
114RU 9				1.372 (5+)	9
114RU 10				1.579 (4+)	10
114RU 11				1.602 (GE 3)	11
114RU 12				1.761 (6+)	12
114RU 13				1.814 (5+)	13
114RU 14				1.883 (2+)	14
114RU 15				2.008 (8+)	15
114RU 16				2.057 (7+)	16
114RU 17				2.069 (GE 3)	17
114RU 18				2.792 (10+)	18
114RU 19				2.832 (9+)	19
114RU 20	3.573	12+			20
114RU 21	4.319	14+			21

S-p = 14.699 (0.005)-----
 S-n = 6.425 (0.038)-----
 S-2p = 27.336 (0.224)-----
 S-2n = 10.733 (0.010)-----
 S-alpha= 8.110 (0.024)-----

S+p = -11.297 (0.008)
 S+n = -3.956 (0.025)
 S+2p = -24.188 (0.008)
 S+2n = -9.990 (0.005)
 S+alpha = -7.592 (0.004)

gap p = 3.402 (0.009)
 gap n = 2.469 (0.046)
 gap 2p = 3.148 (0.224)

gap 2n = 0.743 (0.011)
gap alpha = 0.518 (0.025)