

^{92}Ru $Z = 44$ $N = 48$ adopted link ENSDF link

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

BE = 782.439 (0.003) MeV

Qbeta+ = 4.624 (0.004) MeV

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

92RU 1	0.000	0+			1 3.65 M 5
92RU 2				0.866 (2+)	2
92RU 3				1.855 (4+)	3
92RU 4				2.535 (5-)	4 16 NS 2
92RU 5				2.671 (6+)	5
92RU 6				2.776	6
92RU 7				2.834 (8+)	7 100 NS 14
92RU 8				2.994 (8+)	8 12 PS LT
92RU 9				3.014 (GE5)	9
92RU 10				3.292 (7-)	10 16 PS 5

92RU 11				3.798 (10+)	11 4.6 PS 24
92RU 12				3.931 (9-)	12 3.5 PS LT
S-alpha=	4.040 (0.005)				

92RU 13				4.363 (12+)	13 71 PS 16
92RU 14				4.705 (11-)	14 11 PS 3
92RU 15				5.215 (13+)	15 1.4 PS LT
92RU 16				5.268	16
92RU 17				5.282 (14+)	17 7 PS LT
92RU 18				5.370	18
92RU 19				5.572 (14+)	19 1.4 PS LT
92RU 20				5.599 (13-)	20 1.4 PS LT

S-p =	5.604 (0.004)				

92RU 21				5.658 (15+)	21 10 PS 3
92RU 22				5.742 (16+)	22 139 PS 55
92RU 23				6.145 (16+)	23
92RU 24				6.621 (15-)	24 1.4 PS LT
92RU 25				6.996 (17+)	25
92RU 26				7.061 (17-)	26 55 PS 3
92RU 27				7.504 (18+)	27
92RU 28				7.659 (18-)	28 0.7 PS LT
92RU 29				8.001 (19-)	29 0.7 PS LT
92RU 30				8.470 (19+)	30

92RU 31				8.647 (19+,20+)	31

S-2p =	8.707 (0.004)				

92RU 32				8.912 (20+)	32
92RU 33				9.233 (21-)	33 2.4 PS 3
92RU 34				9.433 (20+)	34

```
S-p    =  5.604 ( 0.004)-----
S-n    = 14.133 ( 0.004)-----
S-2p   =  8.707 ( 0.004)-----
S-2n   = 25.560 ( 0.005)-----
S-alpha=  4.040 ( 0.005)-----

S+p    = -1.999 ( 0.004)
S+n    = -10.987 ( 0.003)
S+2p   = -6.379 ( 0.005)
S+2n   = -24.425 ( 0.004)
S+alpha = -4.307 ( 0.005)

gap p   =  3.604 ( 0.005)
gap n   =  3.146 ( 0.005)
gap 2p  =  2.328 ( 0.007)
gap 2n  =  1.135 ( 0.006)
gap alpha = -0.267 ( 0.007)
```