

$^{91}\text{Rh}$        $Z = 45$        $N = 46$       adopted link      ENSDF link

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

BE = 757.848 (-0.273) MeV

Qbeta+ = 9.676 ( 0.273) MeV

	Energy T	J+	J-	J-other	T1/2
91RH 1				0.000 (9/2+)	1 1.47 S 22
91RH 2				0.173 (1/2-)	2 1.46 S 11
91RH 3				0.792 (5/2-)	3
91RH 4				0.840 (13/2+)	4
S-p =	0.969 (-0.273)				
91RH 5				1.292 (9/2-)	5
91RH 6				1.787 (17/2+)	6
91RH 7				1.905 (13/2-)	7
91RH 8				2.278 (17/2-)	8
91RH 9				2.568	9
91RH 10				2.655 (21/2+)	10
91RH 11				2.874	11
91RH 12				3.103 (25/2+)	12
91RH 13				3.114	13
91RH 14				3.134	14
S-alpha=	3.299 (-0.273)				
91RH 15				3.312	15
91RH 16				4.136 (29/2+)	16
91RH 17				5.219	17
S-2p =	5.747 (-0.273)				
91RH 18				5.884	18
91RH 19				7.020	19
91RH 20				0.000 (9/2+)	20 1.60 S 15

S-p = 0.969 (-0.273)-----

S-n = 14.988 (-0.327)-----

S-2p = 5.747 (-0.273)-----

S-2n = 29.027 (-0.449)-----

S-alpha= 3.299 (-0.273)-----

S+p = -3.504 (-0.440)

S+n = -12.507 (-0.273)

S+2p = -2.427 (-0.461)

S+2n = -26.591 (-0.273)

S+alpha = -3.781 (-0.468)

gap p = -2.536 ( 0.518)

gap n = 2.481 ( 0.426)  
gap 2p = 3.320 ( 0.536)  
gap 2n = 2.436 ( 0.525)  
gap alpha = -0.483 ( 0.542)