

⁹⁵Rh Z = 45 N = 50 adopted link ENSDF link

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

BE = 809.910 (0.004) MeV

Qbeta+ = 5.117 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
95RH 1	0.000	9/2+			1 5.02 M 10
95RH 2				0.543 (1/2)-	2 1.96 M 4
95RH 3				(7/2+)	3
95RH 4				(5/2+)	4
95RH 5				(13/2+)	5
95RH 6				(11/2+)	6
95RH 7				(5/2-, 3/2+)	7
95RH 8				(17/2+)	8
95RH 9				(15/2+, 17/2+)	9
95RH 10				(17/2-)	10 18.8 NS 10
95RH 11				(17/2+)	11
95RH 12				(21/2+)	12 2.54 NS 22
95RH 13				(21/2+, 23/2+)	13
S-p =	3.046 (0.005)				
95RH 14				3.096	14
95RH 15				3.129	15
95RH 16				3.241 (21/2-)	16 4.6 PS 2
95RH 17				3.724 (25/2+)	17 1.4 PS LT
95RH 18				3.837	18
95RH 19				3.909 (25/2-)	19 24.9 PS 12
95RH 20				4.135	20
95RH 21				4.163	21
95RH 22				4.242 (21/2+)	22
S-alpha=	4.779 (0.005)				
95RH 23				5.458 (25/2+)	23 1.4 PS LT
95RH 24				6.120 (27/2+)	24
95RH 25				6.212 (29/2+)	25 6.6 PS 6
95RH 26				6.405 (27/2-)	26 0.7 PS LT
95RH 27				6.585 (27/2-)	27 0.7 PS LT
95RH 28				6.699 (29/2-)	28 0.85 PS 5
95RH 29				6.795 (31/2+)	29 0.7 PS LT
95RH 30				7.065 (29/2-)	30
95RH 31				7.140 (33/2+)	31
95RH 32				7.513 (31/2-)	32
95RH 33				7.625 (35/2+)	33 14.8 PS 26
95RH 34				7.846 (33/2-)	34 1.77 PS 15
95RH 35				8.395 (35/2-)	35 1.86 PS 9

95RH	36				8.656	(37/2-)	36	1.16	PS	22
95RH	37				8.875	(39/2+)	37	2.0	PS	LT
S-2p	=	9.312	(0.004)	-----						
95RH	38				9.347	(39/2-)	38	1.0	PS	LT

S-p	=	3.046	(0.005)	-----						
S-n	=	13.504	(0.005)	-----						
S-2p	=	9.312	(0.004)	-----						
S-2n	=	25.472	(0.005)	-----						
S-alpha	=	4.779	(0.005)	-----						

S+p	=	-5.132	(0.006)
S+n	=	-9.418	(0.011)
S+2p	=	-7.141	(0.013)
S+2n	=	-20.399	(0.036)
S+alpha	=	-0.797	(0.007)

gap p	=	-2.086	(0.008)
gap n	=	4.086	(0.012)
gap 2p	=	2.171	(0.013)
gap 2n	=	5.072	(0.036)
gap alpha	=	3.982	(0.009)