

^{100}Rh $Z = 45$ $N = 55$ adopted link ENSDF link

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

BE = 857.517 (0.018) MeV

Qbeta+ = 3.636 (0.018) MeV

	Energy T	J+	J-	J-other	T1/2
100RH 1			0.000	1-	1 20.5 H 3
100RH 2				0.033 (2)-	2 27.6 NS 6
100RH 3				0.075 (2)+	3 214.3 NS 20
100RH 4				0.086 (1,2)	4 0.35 NS LT
100RH 5				0.108 (5+)	5 4.6 M 2
100RH 6				0.136 (1)	6 0.35 NS LT
100RH 7				0.140 (0,1)	7 0.35 NS LT
100RH 8				0.152 (1)+	8 0.97 NS 14
100RH 9				0.154 (0,1)	9
100RH 10	0.159	1+			10 0.35 NS LT
100RH 11				0.161 (0-:3-)	11 3.95 NS 21
100RH 12				0.171 (0-:4-)	12 0.35 NS LT
100RH 13				0.220 (7+)	13 132 NS 6
100RH 14				0.222 (0:3)	14
100RH 15				0.243 (6+)	15
100RH 16				0.248 (1,2)+	16 0.35 NS LT
100RH 17				0.256 (0,1,2)	17 0.35 NS LT
100RH 18				0.282 (1,2,3)+	18 0.35 NS LT
100RH 19				0.325 (LE 3)	19 0.35 NS LT
100RH 20				0.329	20 0.76 NS 28
100RH 21				0.358 (6+)	21
100RH 22				0.377 (0-:4-)	22 0.35 NS LT
100RH 23				0.390 (LE 4)	23 0.62 NS 28
100RH 24				0.439 (7+)	24
100RH 25				0.446 (LE 3)	25 0.35 NS LT
100RH 26				0.473	26
100RH 27				0.518 (LE 3)	27 0.35 NS LT
100RH 28				0.532	28
100RH 29				0.561	29
100RH 30				0.887 (8+)	30
100RH 31				1.198 (9+)	31
100RH 32				1.270 (8-)	32 0.1 PS LT
100RH 33				1.403 (9-)	33
100RH 34				1.733 (9,10)	34
100RH 35				1.801 (10-)	35
100RH 36				2.128 (11-)	36
100RH 37				2.190 (10-)	37

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S-alpha= 2.194 ( 0.019)-----
100RH 38 | | | 2.546 (11-) 38
100RH 39 | | | 2.596 (12-) 39
100RH 40 | | | 2.610 (11-) 40
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100RH 41 | | | 2.911 (12-) 41
100RH 42 | | | 3.064 (13-) 42
100RH 43 | | | 3.218 (13-) 43
100RH 44 | | | 3.491 (14-) 44
100RH 45 | | | 3.581 (14-) 45
100RH 46 | | | 3.949 (15-) 46
100RH 47 | | | 4.390 (16) 47
100RH 48 | | | 4.563 (16-) 48
100RH 49 | | | 4.616 (16-) 49
100RH 50 | | | 5.004 (17-) 50
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S-p = 5.255 ( 0.018)-----
100RH 51 | | | 5.639 (18-) 51
100RH 52 | | | 6.175 (19-) 52
100RH 53 | | | 6.487 (19-) 53
100RH 54 | | | 6.832 (20-) 54
100RH 55 | | | 7.415 (21-) 55
100RH 56 | | | 8.041 (22-) 56
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S-n = 8.078 ( 0.027)-----
100RH 57 | | | 9.002 (23-) 57
100RH 58 | | | 9.103 (23-) 58
100RH 59 | | | 9.303 (24-) 59
100RH 60 | | | 9.603 60
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S-p = 5.255 ( 0.018)-----
S-n = 8.078 ( 0.027)-----
S-2p = 13.737 ( 0.018)-----
S-2n = 18.559 ( 0.022)-----
S-alpha= 2.194 ( 0.019)-----

S+p = -7.130 ( 0.019)
S+n = -9.893 ( 0.019)
S+2p = -11.233 ( 0.020)
S+2n = -17.335 ( 0.019)
S+alpha = -1.950 ( 0.019)

gap p = -1.875 ( 0.026)
gap n = -1.815 ( 0.033)
gap 2p = 2.503 ( 0.027)
gap 2n = 1.224 ( 0.029)
gap alpha = 0.244 ( 0.026)

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