

^{93}Y $Z = 39$ $N = 54$ adopted link ENSDF link

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

BE = 804.348 (0.010) MeV

Qbeta- = 2.895 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
93Y 1			0.000	1/2-	1 10.18 H 8
93Y 2				0.590 (3/2)-	2 0.13 NS LT
93Y 3				0.759 (9/2)+	3 0.82 S 4
93Y 4			0.876	5/2-	4
93Y 5				1.136 (3/2+,5/2-)	5
93Y 6				1.278 (1/2-,3/2,5/2-)	6
93Y 7				1.301 (3/2+,5/2-)	7
93Y 8				1.309 (1/2-,3/2,5/2-)	8
93Y 9				1.543 (1/2,3/2,5/2-)	9
93Y 10				1.550 (13/2+)	10
93Y 11				1.647 3/2,5/2,7/2	11
93Y 12				1.696 (1/2-,3/2,5/2)	12
93Y 13				1.786 (1/2-,3/2,5/2-)	13
93Y 14				1.853	14
93Y 15				1.911 (1/2-,3/2,5/2-)	15
93Y 16				2.000	16
93Y 17				2.057 (1/2-,3/2,5/2-)	17
93Y 18				2.070 (11/2-)	18
93Y 19				2.091	19
93Y 20				2.093	20
93Y 21				2.129 (1/2-,3/2,5/2-)	21
93Y 22				2.200	22
93Y 23				2.356 (3/2,5/2-)	23
93Y 24				2.365 (3/2,5/2-)	24
93Y 25			2.544	3/2-	25
93Y 26				2.570 3/2+,5/2+,7/2+	26
93Y 27				2.575 (3/2+)	27
93Y 28				2.623 (15/2+)	28
93Y 29				2.654 (1/2,3/2,5/2)	29
93Y 30				2.688 3/2+,5/2+,7/2+	30
93Y 31				2.770 (3/2+)	31
93Y 32				2.778	32
93Y 33				2.784 3/2(+) TO 7/2(+)	33
93Y 34				2.821 (3/2+)	34
93Y 35				2.887 (3/2,5/2-)	35
93Y 36				2.930 1/2-,3/2-	36
93Y 37				3.007 (3/2,5/2-)	37

93Y	38				3.116	(3/2,5/2-)	38
93Y	39				3.345	(19/2+)	39
93Y	40				3.637	(21/2+)	40

93Y	41				3.825		41
93Y	42				3.871		42
93Y	43				3.895		43
93Y	44				4.314	(+)	44

S-p = 8.649 (0.011)-----
 S-n = 7.482 (0.014)-----
 S-2p = 21.060 (0.013)-----
 S-2n = 14.018 (0.011)-----
 S-alpha= 4.940 (0.012)-----

S+p = -10.331 (0.010)
 S+n = -6.196 (0.012)
 S+2p = -17.137 (0.011)
 S+2n = -13.123 (0.012)
 S+alpha = -3.801 (0.011)

gap p = -1.682 (0.015)
 gap n = 1.286 (0.019)
 gap 2p = 3.923 (0.017)
 gap 2n = 0.895 (0.016)
 gap alpha = 1.139 (0.016)