

^{91}Sr $Z = 38$ $N = 53$ adopted link ENSDF link

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

BE = 788.413 (0.005) MeV

Qbeta- = 2.699 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2
91SR 1	0.000	5/2+			1 9.65 H 6
91SR 2				0.094 (3/2)+	2 89.4 NS 16
91SR 3				0.439 (+)	3
91SR 4				0.993 (9/2+)	4
91SR 5				1.042 (+)	5
91SR 6				1.231 (+)	6
91SR 7				1.368	7
91SR 8				1.482	8
91SR 9				1.740	9
91SR 10				1.917	10
91SR 11				1.943 (1/2+,3/2,5/2)	11
91SR 12				2.065 1/2(+),3/2,5/2	12
91SR 13				2.078 (11/2-)	13
91SR 14				2.159	14
91SR 15				2.237	15
91SR 16				2.658 1/2(-) T0 5/2(-)	16
91SR 17				3.116 (15/2-)	17
91SR 18				3.304 (15/2-)	18
91SR 19				3.365 1/2,3/2,5/2	19
91SR 20				3.395 (1/2+,3/2,5/2)	20
91SR 21				3.447 1/2(+),3/2,5/2	21
91SR 22				3.576 (17/2-)	22
91SR 23				3.644 (1/2+,3/2,5/2)	23
91SR 24				3.693 1/2(-) T0 5/2(-)	24
91SR 25				3.737 1/2(+),3/2,5/2	25
91SR 26				3.777 1/2,3/2,5/2	26
91SR 27				3.831 (1/2,3/2,5/2)	27
91SR 28				3.839 (1/2+,3/2,5/2)	28
91SR 29				3.938 (1/2+,3/2,5/2)	29
91SR 30				3.946 (19/2-)	30
91SR 31				4.043 3/2(-),5/2(-)	31
91SR 32				4.078 3/2(-),5/2(-)	32
91SR 33				4.158 3/2(-),5/2(-)	33
91SR 34				4.189 3/2(-),5/2(-)	34
91SR 35				4.240 (1/2,3/2,5/2)	35
91SR 36				4.249 (1/2+,3/2,5/2)	36
91SR 37				4.254 (1/2+,3/2,5/2)	37

91SR 38				4.266	3/2(-),5/2(-)	38
91SR 39				4.278	(21/2+)	39
91SR 40				4.328	1/2(-) TO 5/2(-)	40

91SR 41				4.358	(3/2-,5/2-)	41
91SR 42				4.391	(1/2+,3/2,5/2)	42
91SR 43				4.453	(1/2+,3/2,5/2)	43
91SR 44				4.461		44
91SR 45				4.626		45
91SR 46				4.680		46
91SR 47				4.689		47
91SR 48				4.793	(3/2-,5/2-)	48
91SR 49				4.831		49
91SR 50				5.003		50

91SR 51				5.249		51
91SR 52				5.365		52
S-alpha=	5.367	(0.005)	-----			
91SR 53				5.742		53

S-p = 11.575 (0.008)-----
S-n = 5.772 (0.006)-----
S-2p = 21.694 (0.006)-----
S-2n = 13.586 (0.005)-----
S-alpha= 5.367 (0.005)-----

S+p = -8.454 (0.011)
S+n = -7.287 (0.006)
S+2p = -18.048 (0.005)
S+2n = -12.577 (0.009)
S+alpha = -4.433 (0.006)

gap p = 3.122 (0.014)
gap n = -1.515 (0.009)
gap 2p = 3.646 (0.008)
gap 2n = 1.009 (0.011)
gap alpha = 0.934 (0.008)