

^{100}Sr $Z = 38$ $N = 62$ adopted link ENSDF link

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

BE = 837.220 (0.007) MeV

Qbeta- = 7.504 (0.013) MeV

	Energy T	J+	J-	J-other	T1/2
100SR 1	0.000	0+			1 200 MS 2
100SR 2				0.129 (2+)	2 3.91 NS 16
100SR 3				0.417 (4+)	3
100SR 4				0.852 (6+)	4
100SR 5				0.938 (0+)	5
100SR 6				1.257 (1,2+)	6
100SR 7				1.315 (1,2+)	7
100SR 8				1.327	8
100SR 9				1.414 (3,4+)	9
100SR 10				1.418 (8+)	10 2.13 PS 31
100SR 11				1.419	11
100SR 12				1.501 (3,4+)	12
100SR 13				1.522	13
100SR 14				1.560 (3,4+)	14
100SR 15				1.619 (4-)	15 104 NS 19
100SR 16				1.648	16
100SR 17				1.746	17
100SR 18				1.781 (5-)	18
100SR 19				1.957 (2+,3,4+)	19
100SR 20				1.975 (6-)	20
100SR 21				2.056 (1,2+)	21
100SR 22				2.108 (10+)	22 0.80 PS 12
100SR 23				2.116 (2+)	23
100SR 24				2.212 (1,2+)	24
100SR 25				2.277 (1,2+)	25
100SR 26				2.483	26
100SR 27				2.506	27
100SR 28				3.097 (1,2+)	28
100SR 29				3.165 (1,2+)	29
100SR 30				3.316	30
100SR 31				3.346	31

S-p = 15.985 (0.008)

S-n = 5.370 (0.008)

S-2p = 30.288 (0.294)

S-2n = 9.538 (0.008)

S-alpha= 9.161 (0.020)-----

S+p = -12.526 (0.010)

S+n = -3.579 (0.011)

S+2p = -26.342 (0.011)

S+2n = -8.484 (0.067)

S+alpha = -8.325 (0.012)

gap p = 3.459 (0.013)

gap n = 1.792 (0.014)

gap 2p = 3.946 (0.294)

gap 2n = 1.053 (0.068)

gap alpha = 0.836 (0.024)