

$^{99}\text{Sr}$        $Z = 38$        $N = 61$       adopted link      ENSDF link

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

BE = 831.850 ( 0.005) MeV

Qbeta- = 8.125 ( 0.008) MeV

	Energy T	J+	J-	J-other	T1/2
99SR 1	0.000	3/2+			1 0.269 S 1
99SR 2				0.091 (5/2+)	2 0.58 NS 9
99SR 3				0.216 (7/2+)	3
99SR 4				0.377 (9/2+)	4
99SR 5				0.422 (5/2-)	5
99SR 6				0.534 (7/2-)	6
99SR 7				0.570 (11/2+)	7
99SR 8				0.682 (9/2-)	8
99SR 9				0.684	9
99SR 10				0.855	10
99SR 11				0.862	11
99SR 12				0.994	12
99SR 13				1.063	13
99SR 14				1.072 (3/2+)	14
99SR 15				1.106	15
99SR 16				1.151 (5/2+)	16
99SR 17				1.181	17
99SR 18				1.196	18
99SR 19				1.241	19
99SR 20				1.328	20
99SR 21				1.383	21
99SR 22				1.427	22
99SR 23				1.664	23
99SR 24				1.670	24
99SR 25				1.972	25
99SR 26				2.321	26

S-p = 15.438 ( 0.017)-----  
 S-n = 4.167 ( 0.006)-----  
 S-2p = 29.673 ( 0.130)-----  
 S-2n = 10.081 ( 0.006)-----  
 S-alpha= 8.784 ( 0.019)-----

S+p = -12.092 ( 0.012)  
 S+n = -5.370 ( 0.008)  
 S+2p = -25.220 ( 0.010)  
 S+2n = -8.949 ( 0.010)

S+alpha = -7.715 ( 0.010)

gap p = 3.347 ( 0.021)

gap n = -1.203 ( 0.010)

gap 2p = 4.453 ( 0.131)

gap 2n = 1.131 ( 0.011)

gap alpha = 1.069 ( 0.022)