

^{96}Sr $Z = 38$ $N = 58$ adopted link ENSDF link

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

BE = 818.036 (0.008) MeV

Qbeta- = 5.412 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2		
96SR	1 0.000	0+			1	1.07 S	1
96SR	2 0.815	2+			2	4.8 PS	28
96SR	3 1.229	0+			3	115 PS	12
96SR	4 1.465	0+			4	6.7 NS	10
96SR	5 1.507	2+			5	6.2 PS	LE
96SR	6			1.628 (2+)	6		
96SR	7 1.793	4+			7		
96SR	8			1.852 (3)	8		
96SR	9			1.976 (4+)	9		
96SR	10			1.995 (1+,2+)	10		
96SR	11			2.084 (1,2+)	11		
96SR	12			2.113	12		
96SR	13			2.120 (4+)	13		
96SR	14			2.151 (1+,2,3+)	14	10.4 PS	LT
96SR	15			2.217 2	15		
96SR	16			2.270	16		
96SR	17			2.308 (1,2+)	17		
96SR	18			2.407	18		
96SR	19			2.412 (1,2+)	19		
96SR	20			2.444	20		
96SR	21			2.467 (6+)	21		
96SR	22			2.481	22		
96SR	23			2.493	23		
96SR	24			2.526	24		
96SR	25			2.529	25		
96SR	26			2.576	26		
96SR	27			2.704	27		
96SR	28			2.720	28		
96SR	29			2.786 (6+)	29		
96SR	30			2.881	30		
96SR	31			2.899	31		
96SR	32			3.010	32		
96SR	33			3.065	33		
96SR	34			3.126 (8+)	34		
96SR	35			3.196	35		
96SR	36			3.239	36		
96SR	37			3.245	37		

96SR 38				3.329	(7+)	38
96SR 39				3.446		39
96SR 40				3.524	(9+)	40 40 NS 8

96SR 41				3.605	(6+)	41
96SR 42				3.755	(1,2+)	42
96SR 43				3.851		43
96SR 44				3.887	(10+)	44
96SR 45				4.049		45
96SR 46				4.131		46
96SR 47				4.133		47
96SR 48				4.323		48
96SR 49				4.330		49
96SR 50				4.443		50

96SR 51				4.726	(12+)	51
96SR 52				4.785		52
96SR 53				4.799		53
96SR 54				5.049		54
96SR 55				5.091		55
96SR 56				5.133		56
96SR 57				5.159		57
96SR 58				5.168	(1,2+)	58
96SR 59				5.349		59
96SR 60				5.597	(14+)	60

S-n	=	5.872	(0.010)	-----		
96SR 61				6.519	(16+)	61
S-alpha=	=	6.574	(0.009)	-----		
96SR 62				7.527	(18+)	62

S-p	=	14.317	(0.022)	-----		
S-n	=	5.872	(0.010)	-----		
S-2p	=	26.148	(0.015)	-----		
S-2n	=	10.215	(0.009)	-----		
S-alpha=	=	6.574	(0.009)	-----		

S+p	=	-10.486	(0.011)	-----		
S+n	=	-3.734	(0.009)	-----		
S+2p	=	-22.941	(0.012)	-----		
S+2n	=	-9.647	(0.009)	-----		
S+alpha	=	-5.879	(0.012)	-----		

gap p	=	3.831	(0.024)	-----		
gap n	=	2.139	(0.014)	-----		
gap 2p	=	3.207	(0.019)	-----		
gap 2n	=	0.569	(0.013)	-----		
gap alpha	=	0.695	(0.015)	-----		