

$^{95}\text{Sr}$        $Z = 38$        $N = 57$       adopted link      ENSDF link

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

BE = 812.163 ( 0.006) MeV

Qbeta- = 6.091 ( 0.009) MeV

	Energy T	J+	J-	J-other	T1/2
95SR 1	0.000	1/2+			1 23.90 S 14
95SR 2				0.352 (3/2)+	2
95SR 3				0.556 (7/2)+	3 21.9 NS 5
95SR 4				0.681 3/2+,5/2+	4
95SR 5				1.004 1/2+,3/2,5/2	5
95SR 6				1.012 1/2+,3/2+,5/2+	6
95SR 7	1.121	3/2+	0 7/2+		7
95SR 8				1.239 (9/2+)	8
95SR 9				1.247 1/2,3/2,5/2	9
95SR 10				1.260 1/2+,3/2,5/2	10
95SR 11				1.439 1/2+,3/2,5/2	11
95SR 12				1.666 (11/2+)	12
95SR 13				1.680 (9/2+,11/2+)	13
95SR 14	1.744	1/2+	0 5/2+		14
95SR 15	1.751	1/2+	0 7/2		15
95SR 16				1.844	16
95SR 17				1.860	17
95SR 18	1.864	1/2+	0 7/2		18
95SR 19				1.949	19
95SR 20	1.975	1/2+	0 7/2		20
95SR 21				2.013 1/2+,3/2,5/2	21
95SR 22				2.076	22
95SR 23				2.099 1/2+,3/2,5/2	23
95SR 24				2.236	24
95SR 25				2.247 1/2+,3/2,5/2	25
95SR 26				2.265	26
95SR 27				2.344 (13/2+)	27
95SR 28				2.368	28
95SR 29				2.394	29
95SR 30				2.424 (13/2+,15/2+)	30
95SR 31				2.430	31
95SR 32				2.828	32
95SR 33				2.869 (15/2+)	33
95SR 34				2.968 3/2,5/2,7/2	34
95SR 35				2.974 3/2,5/2,7/2	35
95SR 36				3.051	36
95SR 37				3.207 3/2,5/2,7/2	37

95SR 38				3.367	3/2-, 5/2-, 7/2-	38
95SR 39				3.421	(17/2+)	39
95SR 40				3.450	3/2-, 5/2-, 7/2-	40
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95SR 41				3.464	3/2, 5/2	41
95SR 42				3.479	3/2-, 5/2-, 7/2-	42
95SR 43				3.532	3/2 TO 7/2	43
95SR 44				3.584	3/2-, 5/2-, 7/2-	44
95SR 45				3.588	3/2, 5/2	45
95SR 46				3.591	3/2 TO 7/2	46
95SR 47				3.598	3/2-, 5/2-, 7/2-	47
95SR 48				3.606	3/2-, 5/2-	48
95SR 49				3.612	3/2-, 5/2-, 7/2-	49
95SR 50				3.625	3/2, 5/2, 7/2	50
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95SR 51				3.636	3/2-, 5/2-, 7/2-	51
95SR 52				3.696	(19/2+)	52
95SR 53				3.709	3/2, 5/2	53
95SR 54				3.712	3/2, 5/2, 7/2	54
95SR 55				3.802	3/2 TO 7/2	55
95SR 56				3.940	1/2+, 3/2, 5/2	56
95SR 57				3.986	3/2, 5/2, 7/2	57
95SR 58				4.095	(21/2+)	58
95SR 59				4.164	1/2+, 3/2, 5/2	59
95SR 60				4.231	3/2, 5/2	60
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95SR 61				4.248	3/2, 5/2, 7/2	61
95SR 62		4.279	1/2+   0 7/2			62
95SR 63				4.292	1/2+, 3/2, 5/2	63
95SR 64				4.312	3/2, 5/2, 7/2	64
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S-n	=	4.343	( 0.006)	-----		
95SR 65			4.370	3/2-		65
95SR 66				4.525	(23/2+)	66
95SR 67		4.571	1/2+   0 7/2			67
95SR 68				4.661		68
95SR 69				4.880	(25/2+)	69
95SR 70				5.422	(27/2+)	70
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95SR 71				6.176	(31/2+)	71
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S-p	=	13.844	( 0.006)	-----		
S-n	=	4.343	( 0.006)	-----		
S-2p	=	25.559	( 0.006)	-----		
S-2n	=	11.174	( 0.010)	-----		
S-alpha	=	6.568	( 0.006)	-----		
S+p	=	-10.502	( 0.008)			
S+n	=	-5.872	( 0.010)			
S+2p	=	-22.397	( 0.006)			

S+2n = -9.606 ( 0.007)  
S+alpha = -4.924 ( 0.012)

gap p = 3.342 ( 0.010)  
gap n = -1.529 ( 0.012)  
gap 2p = 3.162 ( 0.009)  
gap 2n = 1.568 ( 0.012)  
gap alpha = 1.644 ( 0.014)