

^{86}Sr $Z = 38$ $N = 48$ adopted link ENSDF link

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

BE = 748.927 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
86SR 1	0.000	0+			1 STABLE
86SR 2	1.077	2+			2 1.46 PS +9-8
86SR 3	1.854	2+			3 0.386 PS 20
86SR 4	2.106	0+			4
86SR 5	2.203	0+			5
86SR 6	2.230	4+			6 1.73 PS 21
86SR 7				2.365	7
86SR 8			2.482 3-		8 0.90 PS 7
86SR 9				2.499	9
86SR 10	2.642	2+			10 87 FS 19
86SR 11			2.673 5-		11 5 NS LT
86SR 12	2.789	2+			12 25 FS 12
86SR 13	2.857	6+			13 5 NS LT
86SR 14				2.878 (4)+	14
86SR 15	2.956	8+			15 0.455 US 7
86SR 16			2.997 3-		16
86SR 17				3.047	17
86SR 18			3.056 5-		18 5 NS LT
86SR 19				3.104 (0+)	19
86SR 20				3.185 +	20
86SR 21				3.185 (3)-	21 5 NS LT
86SR 22			3.291 6-		22 5 NS LT
86SR 23				3.318 (5)-	23
86SR 24	3.362	4+			24
86SR 25				3.392 +	25
86SR 26	3.430	2+			26
86SR 27	3.482	6+			27 5 NS LT
86SR 28				3.500 (3,4,5)-	28
86SR 29				3.500 +	29
86SR 30				3.556 (4+)	30
86SR 31				3.645 (3-)	31
86SR 32			3.664 7-		32
86SR 33				3.665 (5,6,7)-	33 5 NS LT
86SR 34	3.686	2+			34
86SR 35			3.687 3-		35
86SR 36				3.766 3-,4-,5-	36 5 NS LT
86SR 37				3.775 (4,5)+	37
86SR 38	3.783	6+			38

86SR 39						3.831	(3,4)-	39		
86SR 40				3.872		3-		40		

86SR 41						3.926	(4)+	41		
86SR 42				3.942		3-		42		
86SR 43						3.969	3-,4-,5-	43		
86SR 44						3.973	(6,7,8+)	44	5 NS	LT
86SR 45						4.096	-	45		
86SR 46						4.146	3,4+	46		
86SR 47						4.148	(9)	47	5 NS	LT
86SR 48		4.154		8+				48		
86SR 49						4.173		49		
86SR 50						4.206	(3-,4,5-)	50		

86SR 51						4.251	-	51		
86SR 52						4.270		52		
86SR 53						4.285	-	53		
86SR 54						4.339		54		
86SR 55				4.411		3-		55		
86SR 56						4.478	-	56		
86SR 57						4.526	-	57		
86SR 58						4.601	(6,7,8)-	58	5 NS	LT
86SR 59						4.665		59		
86SR 60		4.709		10+				60	14 PS	LT

86SR 61						4.718	3,4(+)	61		
86SR 62						4.738		62		
86SR 63						4.845	-	63		
86SR 64						4.890	+	64		
86SR 65						4.925	(9)-	65		
86SR 66						4.954	3,4(+)	66		
86SR 67						4.976	(10)+	67		
86SR 68						5.013	(11-)	68	5 NS	LT
86SR 69						5.035		69		
86SR 70						5.102		70		

86SR 71						5.166		71		
86SR 72						5.191		72		
86SR 73						5.300		73		
86SR 74						5.357		74		
86SR 75						5.403		75		
86SR 76						5.426		76	5 NS	LT
86SR 77						5.454	-	77		
86SR 78						5.544	(9)-	78		
86SR 79						5.661	(12-)	79		
86SR 80						5.835	(11)-	80	21 PS	LT

86SR 81						5.848	(10)-	81		
86SR 82						5.984		82		
86SR 83						5.985	(11)-	83		

86SR 84				6.041	(11)	84		
86SR 85				6.061	(12)-	85	10 PS	3
86SR 86				6.191	(13)-	86	4.9 PS	14
86SR 87				6.205	(12)+	87		
86SR 88				6.315		88		
S-alpha= 6.356 (0.000)-----								
86SR 89				6.687	(13-)	89		
86SR 90		6.879	12+			90		

86SR 91				6.891	(14)-	91		
86SR 92				7.072		92		
86SR 93				7.241	(14-)	93		
86SR 94				7.337	(13+)	94		
86SR 95				7.462	(15-)	95		
86SR 96				7.641	(14+)	96		
86SR 97				7.822	(1)	97	4.6 FS	23
86SR 98				7.844	(14+)	98		
86SR 99				7.895		99		
86SR 100				8.159		100		

86SR 101				8.267		101		
86SR 102				8.338	(15+)	102		
86SR 103				8.814	(16+)	103		
86SR 104				8.965	(16-)	104		
86SR 105				9.403		105		
86SR 106				9.431	(17+)	106		

S-p = 9.645 (0.000)-----
S-n = 11.491 (0.003)-----
S-2p = 16.662 (0.000)-----
S-2n = 20.016 (0.001)-----
S-alpha= 6.356 (0.000)-----

S+p = -5.784 (0.001)
S+n = -8.428 (0.000)
S+2p = -13.684 (0.005)
S+2n = -19.541 (0.000)
S+alpha = -6.674 (0.000)

gap p = 3.861 (0.001)
gap n = 3.063 (0.003)
gap 2p = 2.978 (0.005)
gap 2n = 0.475 (0.001)
gap alpha = -0.318 (0.000)