

^{77}Sr $Z = 38$ $N = 39$ adopted link ENSDF link

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

BE = 649.566 (0.008) MeV

Qbeta+ = 7.027 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
77SR 1				0.000 5/2(+)	1 9.0 S 2
77SR 2				0.186 (7/2+)	2
77SR 3				0.418 (9/2+)	3
77SR 4				0.613 (3/2-)	4
77SR 5				0.726 (11/2+)	5
77SR 6				0.781 (5/2-)	6
77SR 7				1.011 (7/2-)	7
77SR 8				1.052 (13/2+)	8
77SR 9				1.290 (9/2-)	9
77SR 10				1.481 (15/2+)	10
77SR 11				1.627 (11/2-)	11
77SR 12				1.884 (17/2+)	12
77SR 13				1.999 (13/2-)	13
77SR 14				2.432 (19/2+)	14
77SR 15				2.437 (15/2-)	15
77SR 16				2.891 (17/2-)	16
77SR 17				2.894 (21/2+)	17
77SR 18				3.424 (19/2-)	18
77SR 19				3.562 (23/2+)	19
S-alpha=	3.677 (0.010)				
77SR 20				3.950 (21/2-)	20
77SR 21				4.050 (25/2+)	21
77SR 22				4.567 (23/2-)	22
S-p =	4.613 (0.008)				
77SR 23				4.771 (27/2+)	23
77SR 24				5.152 (25/2-)	24
77SR 25				5.315 (29/2+)	25
77SR 26				5.840 (27/2-)	26
77SR 27				6.208 (31/2+)	27
77SR 28				6.518 (29/2-)	28
77SR 29				6.678 (33/2+)	29
S-2p =	8.058 (0.011)				
77SR 30				8.183 (37/2+)	30
77SR 31				9.882 (41/2+)	31
S-p =	4.613 (0.008)				

S-n = 11.627 (0.035)-----
S-2p = 8.058 (0.011)-----
S-2n = 27.327 (0.220)-----
S-alpha= 3.677 (0.010)-----

S+p = -1.656 (0.312)
S+n = -13.442 (0.011)
S+2p = -3.527 (0.316)
S+2n = -23.819 (0.011)
S+alpha = -2.146 (0.093)

gap p = 2.957 (0.312)
gap n = -1.815 (0.037)
gap 2p = 4.531 (0.316)
gap 2n = 3.508 (0.220)
gap alpha = 1.531 (0.093)