

^{195}Ir $Z = 77$ $N = 118$ adopted link ENSDF link

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

BE = 1545.359 (0.001) MeV

Qbeta- = 1.102 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-0.233	(0.010)	-----		
195IR 1	0.000	3/2+			1 2.29 H 17
195IR 2	0.069	1/2+			2
195IR 3			0.100	11/2-	3 3.67 H 8
195IR 4	0.175	5/2+			4
195IR 5	0.234	3/2+			5
195IR 6	0.287	3/2+			6
195IR 7				0.394 (7/2+)	7
195IR 8				0.412 (5/2+)	8
195IR 9				0.429 1/2+,3/2+	9
195IR 10	0.500	5/2+			10

195IR 11	0.539	3/2+			11
195IR 12	0.582	5/2+			12
195IR 13				0.626	13
195IR 14			0.720	11/2-	14
195IR 15	0.760	5/2+			15
195IR 16				0.776 3/2+,5/2+	16
195IR 17				0.861	17
195IR 18	0.878	5/2+			18
195IR 19				0.912	19
195IR 20				0.944 1/2+,3/2+,5/2+	20

195IR 21				0.960	21
195IR 22			0.994	11/2-	22
195IR 23	1.017	1/2+			23
195IR 24			1.050	11/2-	24
195IR 25				1.107	25
195IR 26	1.165	3/2+			26
195IR 27				1.229	27
195IR 28				1.365	28
195IR 29				1.413	29
195IR 30				1.438	30

195IR 31				1.510	31
195IR 32				1.562 (11/2-)	32
195IR 33			1.601	11/2-	33
195IR 34				1.640	34
195IR 35				1.708 (3/2+,5/2+)	35
195IR 36				1.760	36

195IR	37				1.785	37
195IR	38				1.835	38
195IR	39				5.509	39
195IR	40				5.693	40

195IR	41				5.797	41
195IR	42				5.876	42
195IR	43				6.002	43
195IR	44				6.008	44

S-p = 6.546 (0.003)-----
S-n = 7.232 (0.002)-----
S-2p = 16.039 (0.039)-----
S-2n = 13.299 (0.002)-----
S-alpha= -0.233 (0.010)-----

S+p = -8.241 (0.001)
S+n = -5.815 (0.038)
S+2p = -14.025 (0.001)
S+2n = -12.714 (0.020)
S+alpha = 0.174 (0.001)

gap p = -1.695 (0.003)
gap n = 1.417 (0.038)
gap 2p = 2.013 (0.039)
gap 2n = 0.584 (0.020)
gap alpha = -0.059 (0.010)