

^{183}Ir $Z = 77$ $N = 106$ adopted link ENSDF link

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

BE = 1457.013 (0.025) MeV

Qbeta+ = 3.462 (0.056) MeV

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

S-alpha=	-3.957 (0.035)				
183IR 1			0.000 5/2-		1 58 M 6
183IR 2			0.016 9/2-		2
183IR 3				0.119	3
183IR 4			0.184 13/2-		4
183IR 5	0.307	5/2+			5
183IR 6			0.329 7/2-		6
183IR 7				0.412 (7/2+)	7
183IR 8			0.493 17/2-		8
183IR 9				0.542 (9/2+)	9
183IR 10			0.645 9/2-		10

183IR 11				0.695 (11/2+)	11
183IR 12				0.869 (13/2+)	12
183IR 13			0.917 21/2-		13
183IR 14				1.059 (15/2+)	14
183IR 15				1.262 (17/2+)	15
183IR 16			1.425 25/2-		16
183IR 17				1.475 (19/2+)	17
183IR 18				1.691 (21/2+)	18
183IR 19				1.916 (23/2+)	19
183IR 20			1.976 29/2-		20

183IR 21				2.142 (25/2+)	21
183IR 22				2.388 (27/2+)	22
183IR 23			2.538 33/2-		23
183IR 24				2.635 (29/2+)	24

S-p	= 2.882 (0.033)				
183IR 25				2.909 (31/2+)	25
183IR 26			3.118 37/2-		26
183IR 27				3.181 (33/2+)	27
183IR 28				3.481 (35/2+)	28
183IR 29			3.743 41/2-		29
183IR 30				3.774 (37/2+)	30

183IR 31				4.095 (39/2+)	31
183IR 32				4.401 (41/2+)	32
183IR 33			4.438 45/2-		33
183IR 34				4.752 (43/2+)	34
183IR 35				5.052 (45/2+)	35

183IR 36				5.212	49/2-			36
183IR 37						5.434	(47/2+)	37
183IR 38				6.062	53/2-			38
183IR 39				6.985	57/2-			39

S-p = 2.882 (0.033)-----
 S-n = 9.222 (0.032)-----
 S-2p = 8.263 (0.028)-----
 S-2n = 16.882 (0.025)-----
 S-alpha= -3.957 (0.035)-----

S+p = -4.419 (0.029)
 S+n = -7.480 (0.037)
 S+2p = -6.234 (0.025)
 S+2n = -16.276 (0.037)
 S+alpha = 4.749 (0.033)

gap p = -1.537 (0.044)
 gap n = 1.742 (0.049)
 gap 2p = 2.029 (0.037)
 gap 2n = 0.606 (0.045)
 gap alpha = 0.791 (0.048)