

$^{188}\text{Ir}$        $Z = 77$        $N = 111$       adopted link      ENSDF link

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

BE = 1495.512 ( 0.009) MeV

Qbeta+ = 2.792 ( 0.009) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-3.450	( 0.010)	-----		
188IR 1			0.000 1-		1 41.5 H 5
188IR 2			0.055 2-		2 1.93 NS 10
188IR 3			0.097 2-		3 1.59 NS 12
188IR 4			0.152 3-		4
188IR 5				0.166 (3-)	5
188IR 6				0.188 (1)-	6 56 PS 13
188IR 7			0.195 1-		7 51 PS 10
188IR 8				0.211 (3)-	8
188IR 9				0.280 (1,2)-	9
188IR 10				0.354 (4)+	10
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188IR 11				0.410 (5)+	11
188IR 12	0.478	1+			12 150 PS LT
188IR 13				0.492 (6)+	13
188IR 14				0.642 (7)+	14
188IR 15				0.675 (8-)	15
188IR 16				0.708 (8-)	16
188IR 17				0.765 (8+)	17
188IR 18				0.802	18
188IR 19				0.815 (8+)	19
188IR 20				0.878	20
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188IR 21				0.915	21
188IR 22				0.924 (7 TO 10)-	22

S-p = 4.415 ( 0.009)-----

S-n = 6.867 ( 0.029)-----

S-2p = 10.995 ( 0.009)-----

S-2n = 15.315 ( 0.019)-----

S-alpha= -3.450 ( 0.010)-----

S+p = -5.413 ( 0.014)

S+n = -8.176 ( 0.016)

S+2p = -9.067 ( 0.010)

S+2n = -14.551 ( 0.010)

S+alpha = 3.148 ( 0.018)

gap p = -0.999 ( 0.017)

gap n = -1.309 ( 0.033)  
gap 2p = 1.929 ( 0.014)  
gap 2n = 0.764 ( 0.021)  
gap alpha = -0.302 ( 0.021)