

^{178}Ir $Z = 77$ $N = 101$ adopted link ENSDF link

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

BE = 1412.708 (0.019) MeV

Qbeta+ = 7.290 (0.023) MeV

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

S-alpha=	-4.994 (0.034)				
178IR 1				0.000	1 12 S 2
178IR 2				0.054 (2+)	2
178IR 3				0.123	3

S-p = 1.587 (0.024)-----
 S-n = 8.278 (0.027)-----
 S-2p = 5.769 (0.034)-----
 S-2n = 18.515 (0.020)-----
 S-alpha= -4.994 (0.034)-----

S+p = -3.303 (0.020)
 S+n = -9.899 (0.021)
 S+2p = -3.949 (0.019)
 S+2n = -17.866 (0.029)
 S+alpha = 5.526 (0.027)

gap p = -1.716 (0.031)
 gap n = -1.621 (0.035)
 gap 2p = 1.820 (0.039)
 gap 2n = 0.649 (0.035)
 gap alpha = 0.532 (0.043)