

^{167}Ir $Z = 77$ $N = 90$ adopted link ENSDF link

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

BE = 1304.742 (0.018) MeV

Qbeta+ = 9.427 (0.083) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-6.505 (0.026)				
S-p =	-1.070 (0.026)				
167IR	1 0.000	1/2+			1 35.2 MS 20
167IR	2		0.175	11/2-	2 30.0 MS 6

S-p = -1.070 (0.026)-----
 S-n = 11.768 (0.167)-----
 S-2p = 0.991 (0.030)-----
 S-2n = 21.702 (0.166)-----
 S-alpha= -6.505 (0.026)-----

S+p = -1.227 (0.151)
 S+n = -9.665 (0.058)
 S+2p = 0.738 (0.338)
 S+2n = -21.164 (0.030)
 S+alpha = 7.085 (0.028)

gap p = -2.297 (0.153)
 gap n = 2.102 (0.177)
 gap 2p = 1.729 (0.340)
 gap 2n = 0.538 (0.169)
 gap alpha = 0.580 (0.038)