

$^{174}\text{Ir}$        $Z = 77$        $N = 97$       adopted link      ENSDF link

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

BE = 1374.954 ( 0.011) MeV

Qbeta+ = 9.210 ( 0.015) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-5.693	( 0.016)	-----		
174IR 1			0.000	(3+)	1 7.9 S 6
174IR 2			0.193	(7+)	2 4.9 S 3

S-p = 0.637 ( 0.019)-----  
 S-n = 8.589 ( 0.015)-----  
 S-2p = 3.797 ( 0.037)-----  
 S-2n = 19.549 ( 0.034)-----  
 S-alpha= -5.693 ( 0.016)-----

S+p = -2.212 ( 0.022)  
 S+n = -10.680 ( 0.017)  
 S+2p = -2.313 ( 0.035)  
 S+2n = -19.239 ( 0.014)  
 S+alpha = 6.058 ( 0.015)

gap p = -1.575 ( 0.029)  
 gap n = -2.091 ( 0.023)  
 gap 2p = 1.484 ( 0.051)  
 gap 2n = 0.310 ( 0.037)  
 gap alpha = 0.365 ( 0.022)