

^{174}Pt $Z = 78$ $N = 96$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1368.704 (0.010) MeV

Qbeta+ = 5.545 (0.026) MeV

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

S-alpha=	-6.183	(0.014)	-----		
174PT 1	0.000	0+			1 0.889 S 17
174PT 2	0.394	2+			2
174PT 3	0.892	4+			3
174PT 4				1.276	4
174PT 5	1.365	6+			5
174PT 6				1.777	6
174PT 7				1.796 (7)	7
174PT 8	1.827	8+			8
174PT 9				2.061	9
174PT 10	2.328	10+			10

S-p	= 2.339	(0.015)	-----		
S-2p	= 2.652	(0.016)	-----		
174PT 11	2.879	12+			11
174PT 12	3.449	14+			12

S-p	= 2.339	(0.015)	-----		
S-n	= 11.447	(0.057)	-----		
S-2p	= 2.652	(0.016)	-----		
S-2n	= 20.354	(0.015)	-----		
S-alpha=	-6.183	(0.014)	-----		

S+p	= 0.625	(0.040)	-----		
S+n	= -8.467	(0.021)	-----		
S+2p	= -1.045	(0.015)	-----		
S+2n	= -19.758	(0.016)	-----		
S+alpha	= 6.577	(0.015)	-----		

gap p	= 2.964	(0.043)	-----		
gap n	= 2.980	(0.061)	-----		
gap 2p	= 1.608	(0.022)	-----		
gap 2n	= 0.596	(0.022)	-----		
gap alpha	= 0.394	(0.021)	-----		