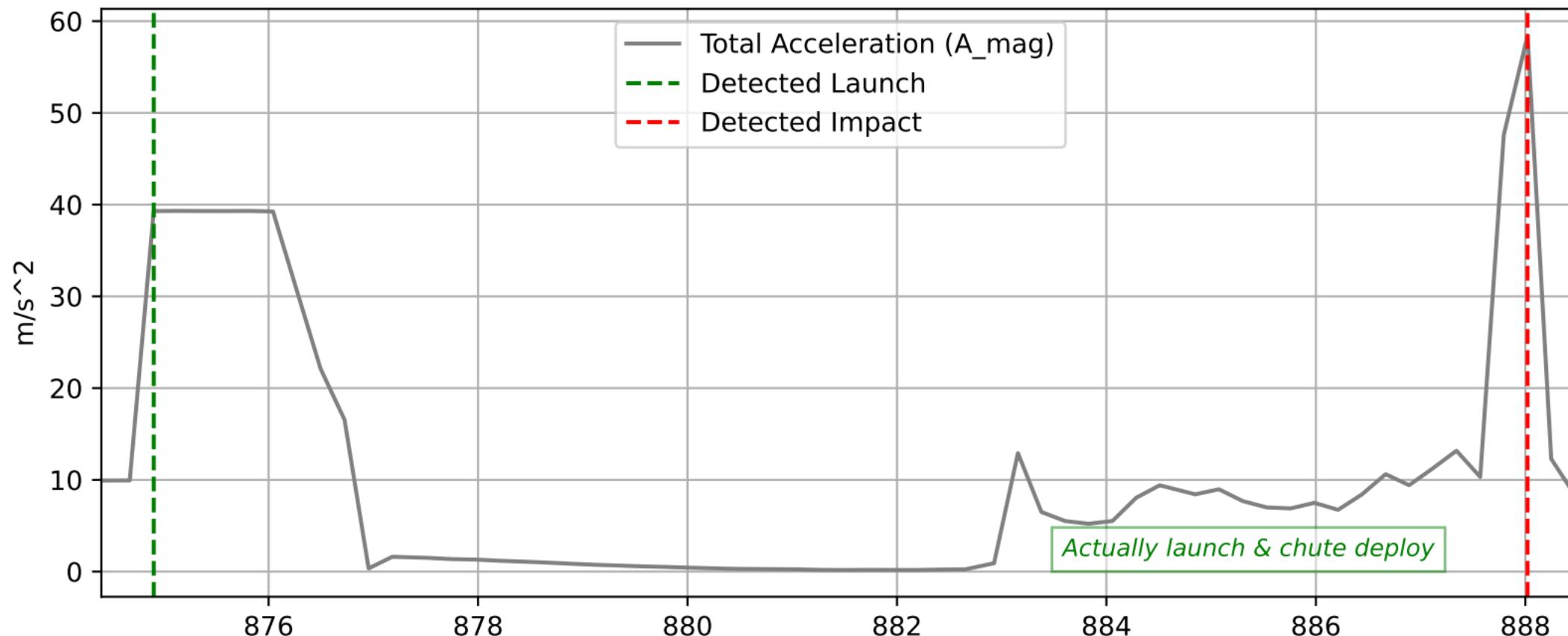
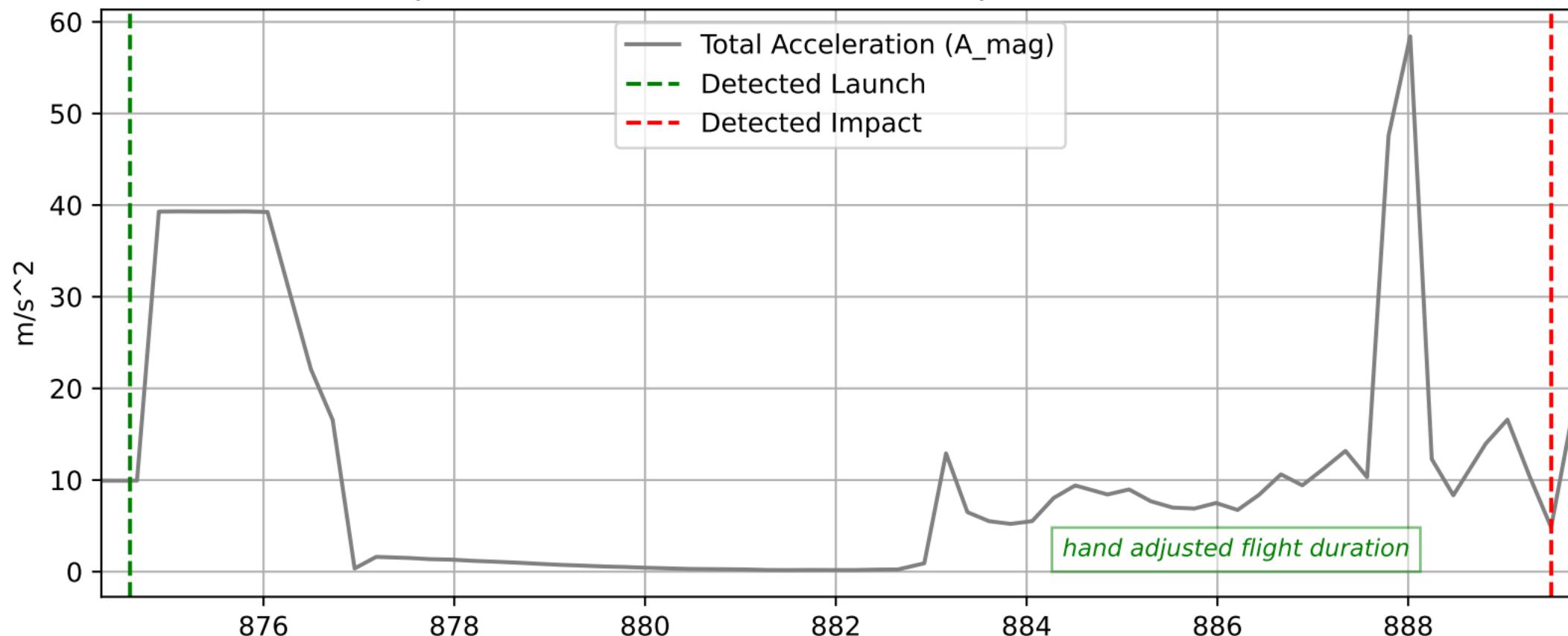


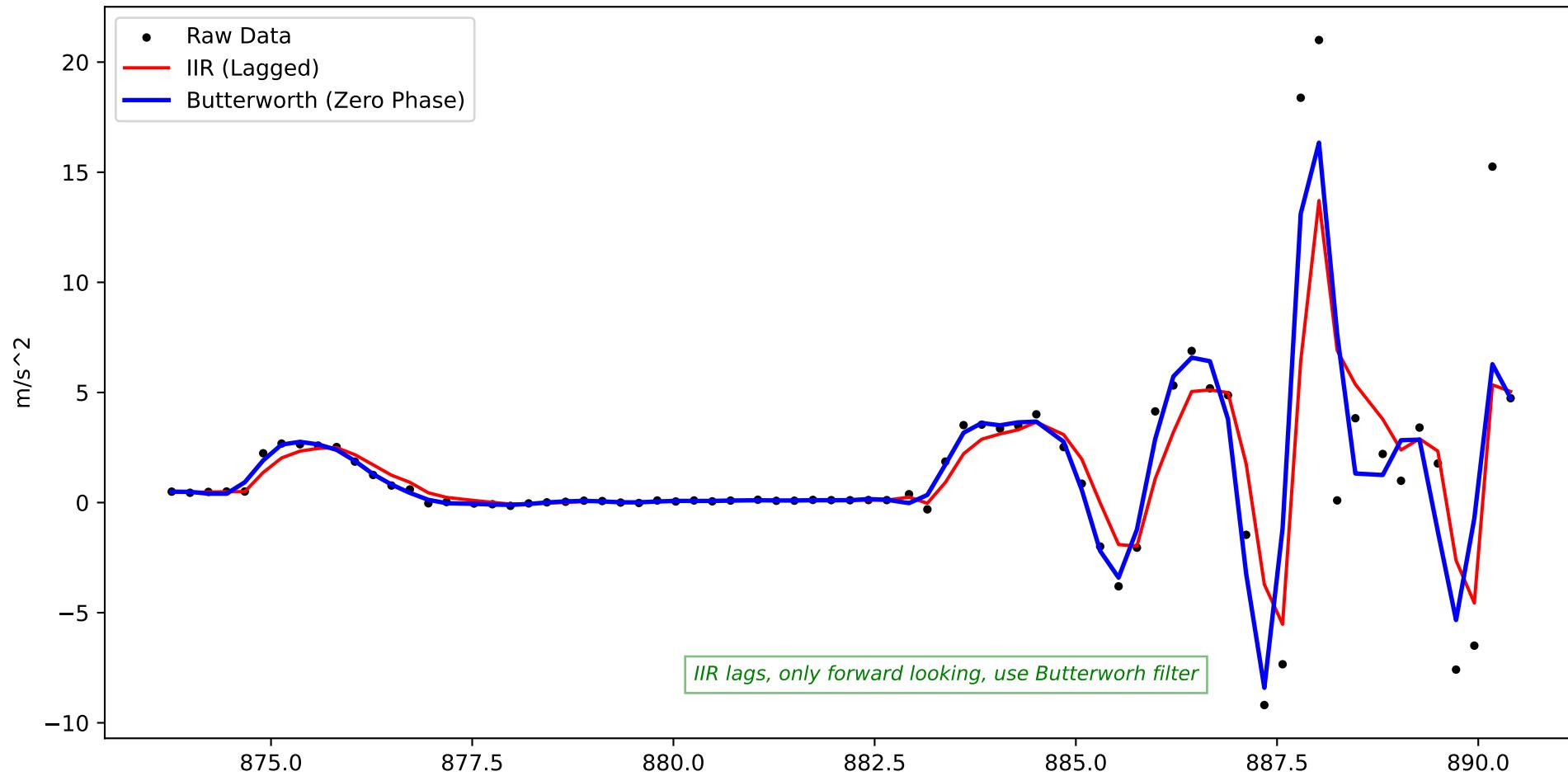
Step 2: Launch and Impact Detection Check



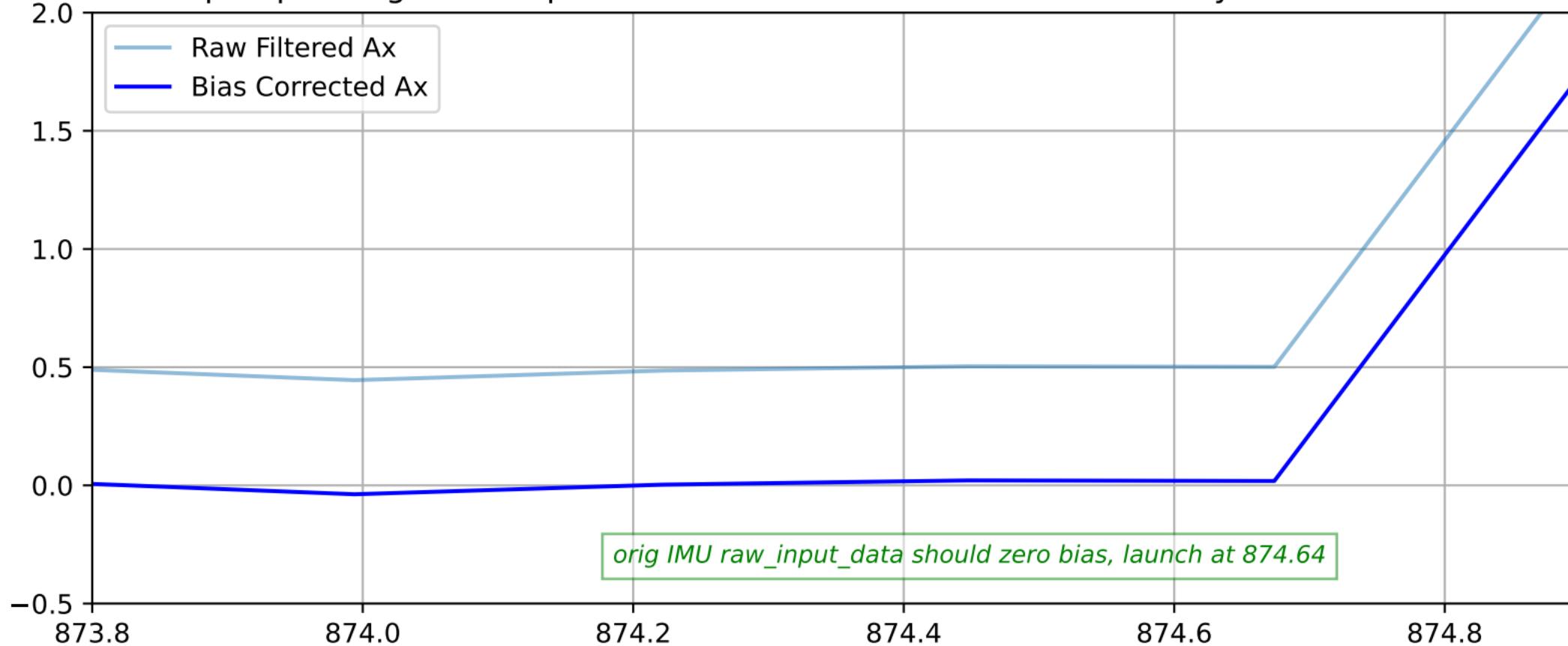
Step 2: Hand-corrected Launch and Impact Detection Check



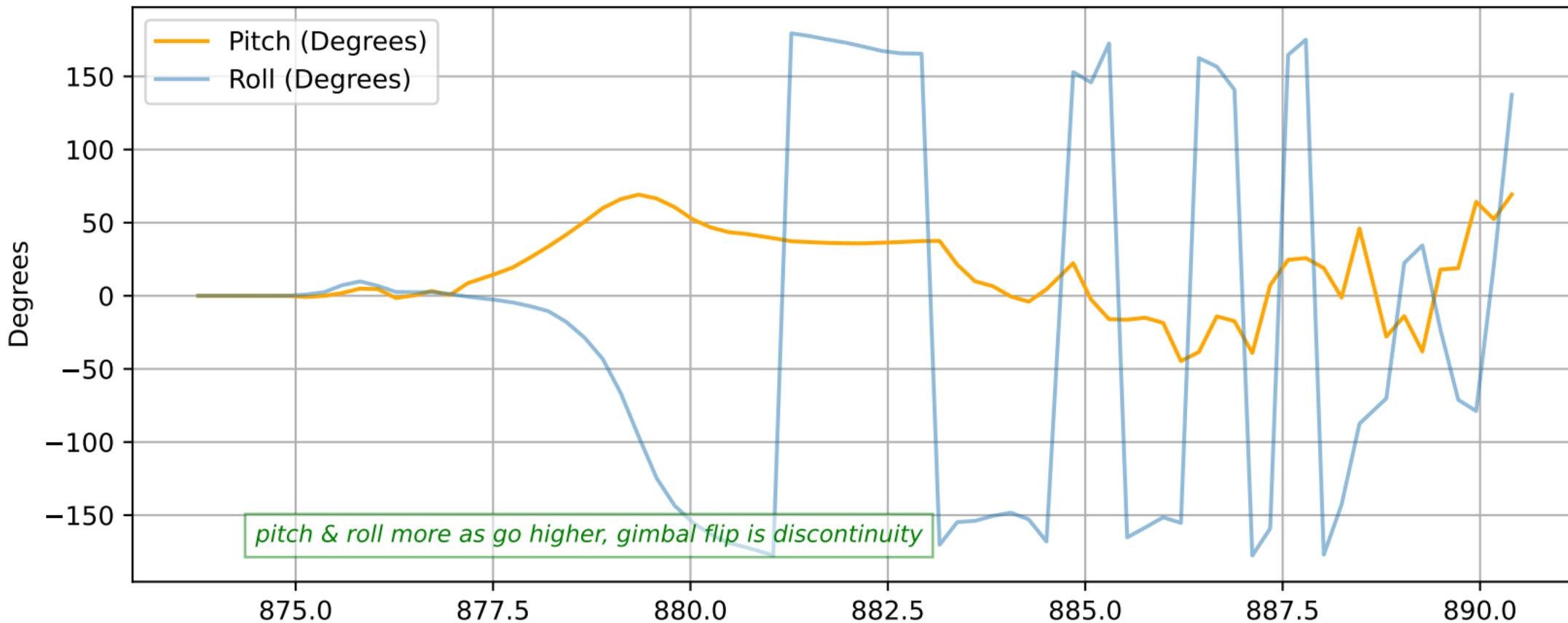
Step 3: Filter Phase-Lag Comparison



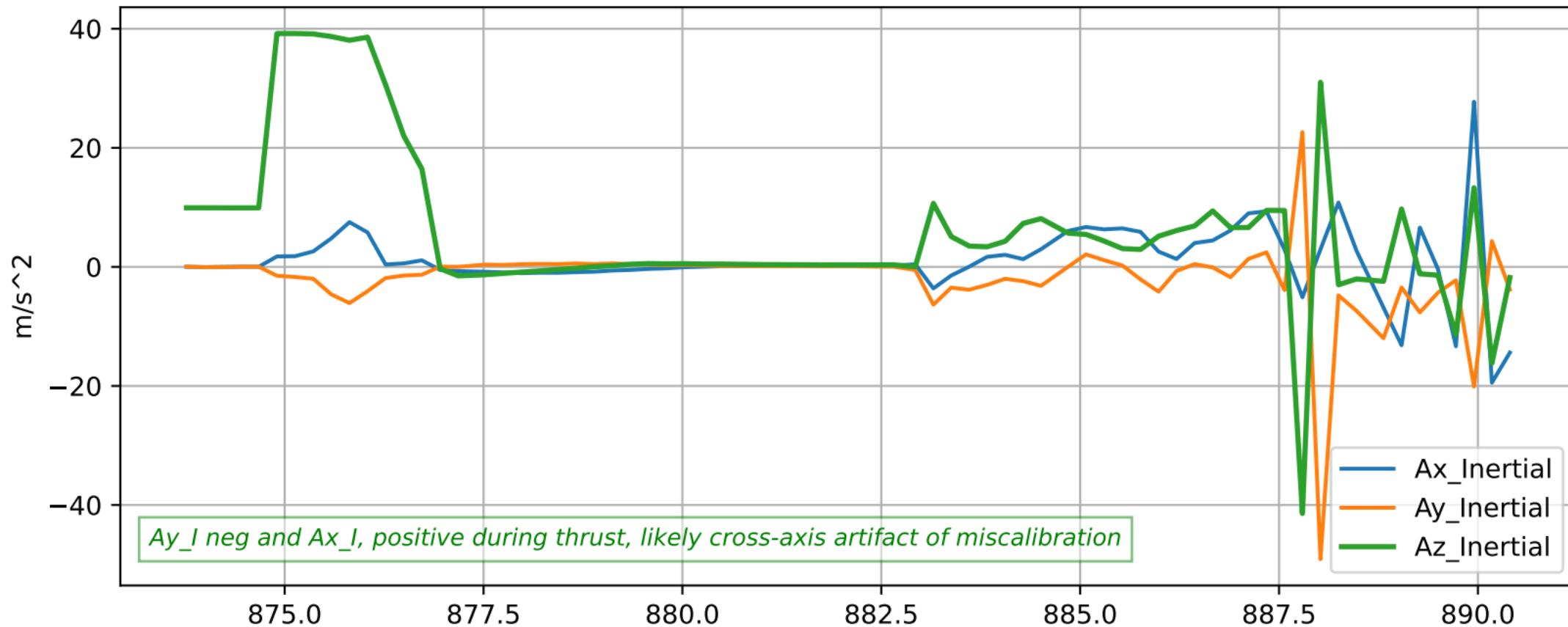
Step 4: post-flight Attempt at Static Bias Correction- Center Gravity & Bias Correction



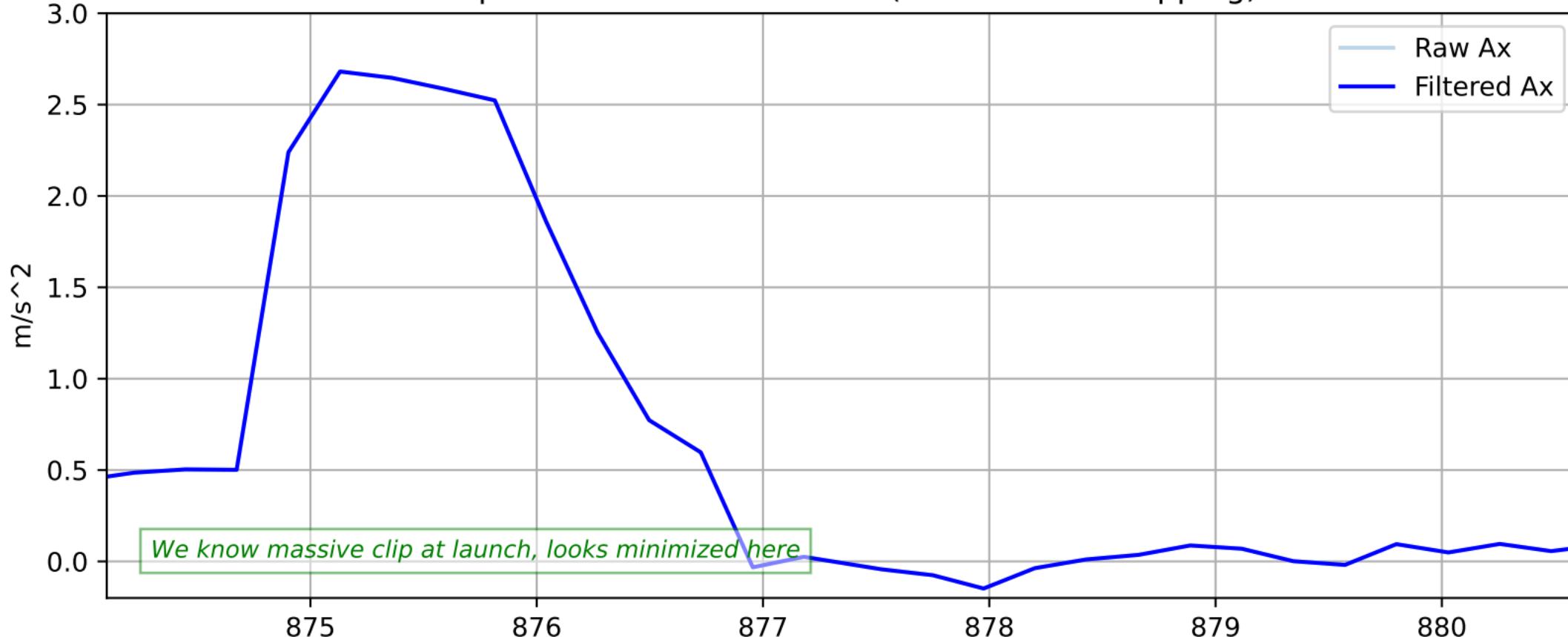
Step 5: Attitude Estimation (Euler Angles)



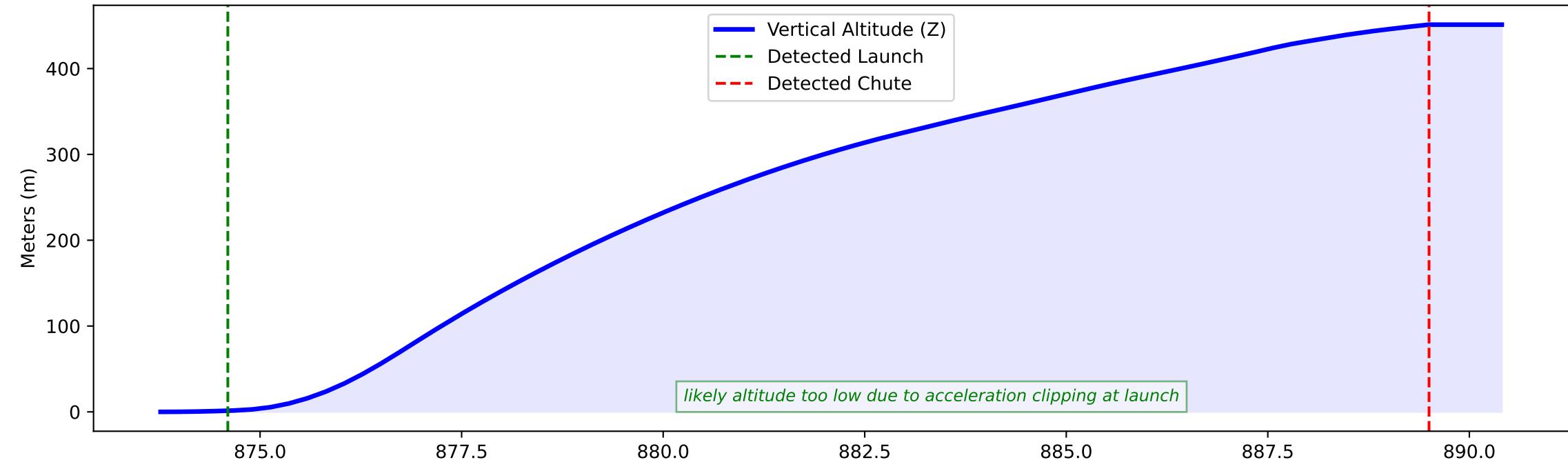
Step 6: Inertial Acceleration (Gravity Subtracted)



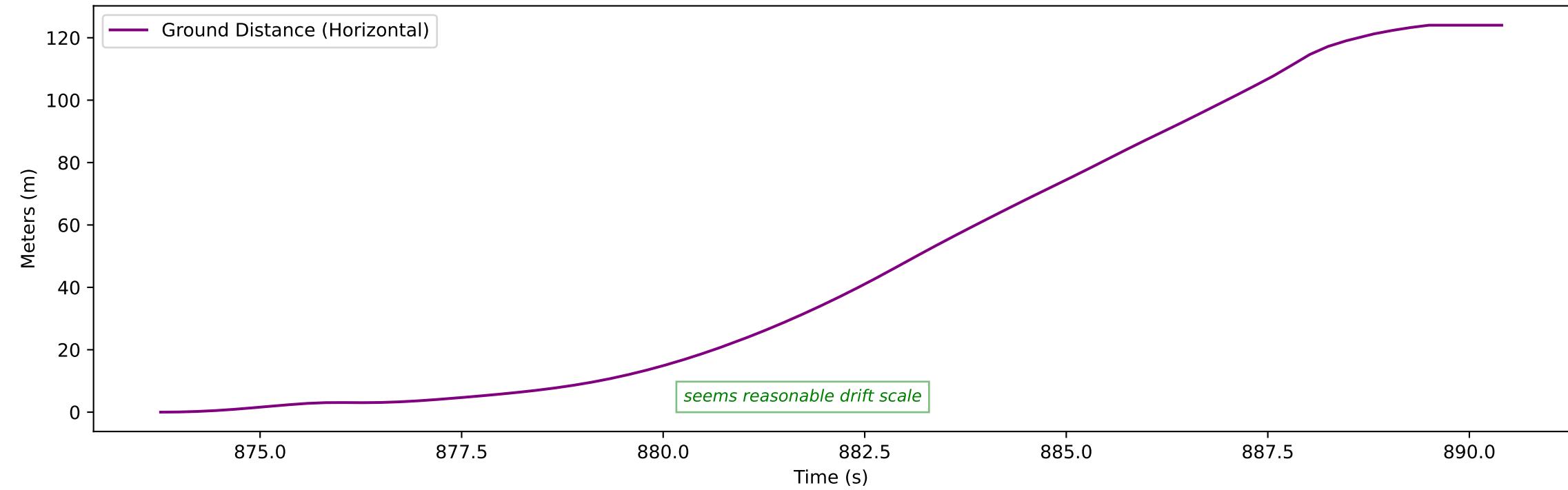
Step 8: Sensor Health Check (Thrust Phase Clipping)



Step 8: Final Drift-Corrected Altitude



Step 8: Ground Distance (Horizontal)



Step 8: 3D Flight Path - seems reasonable

