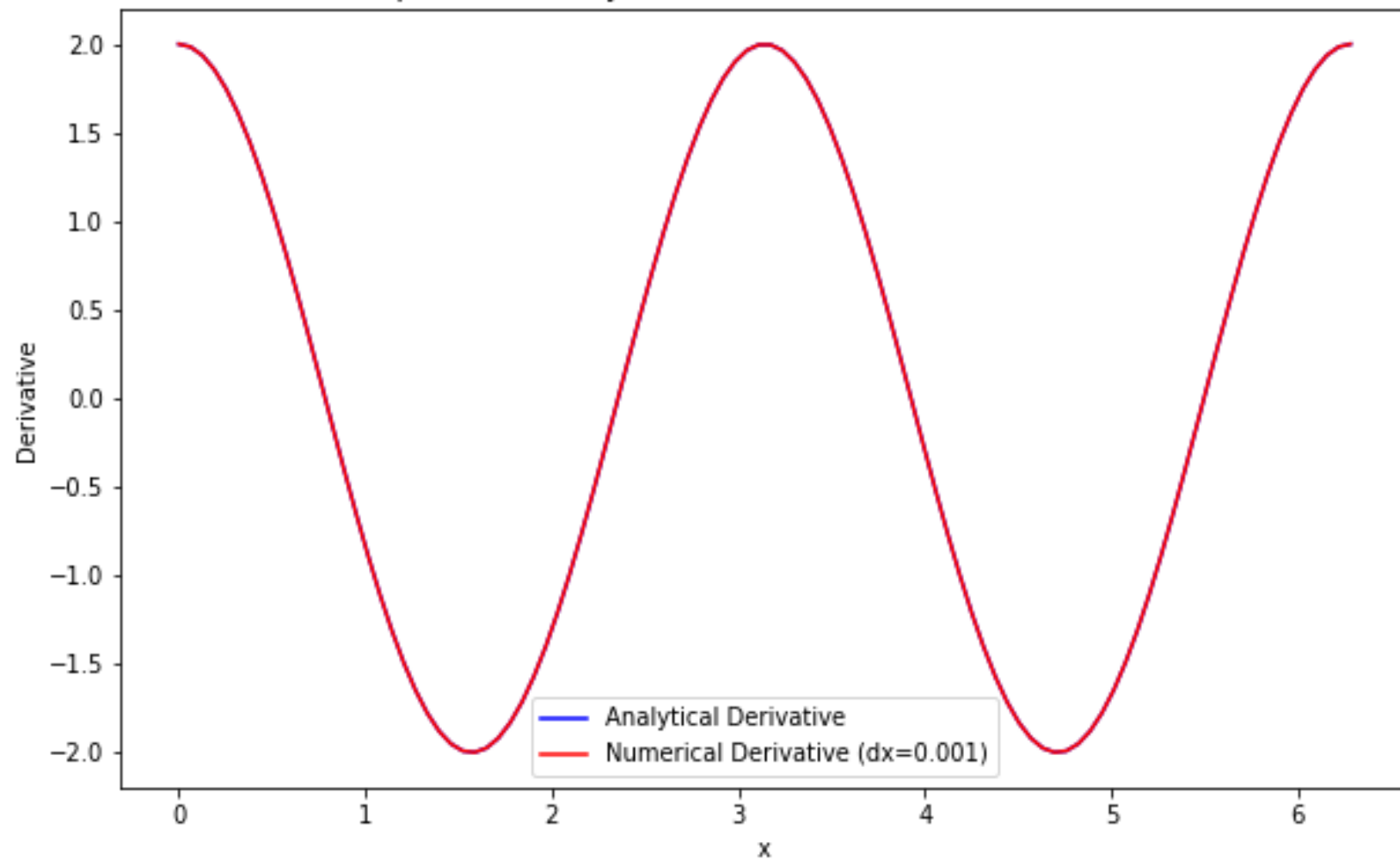
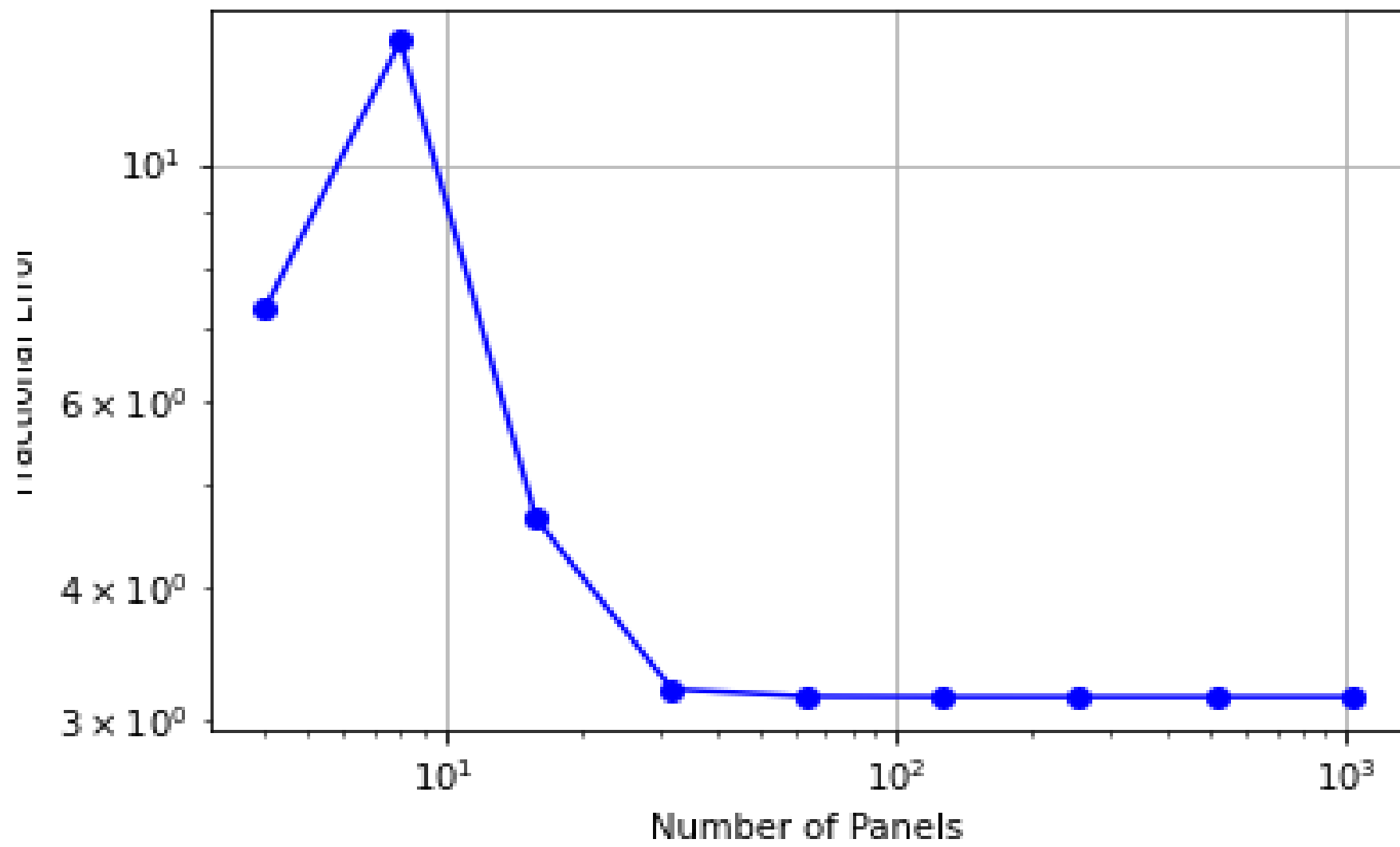


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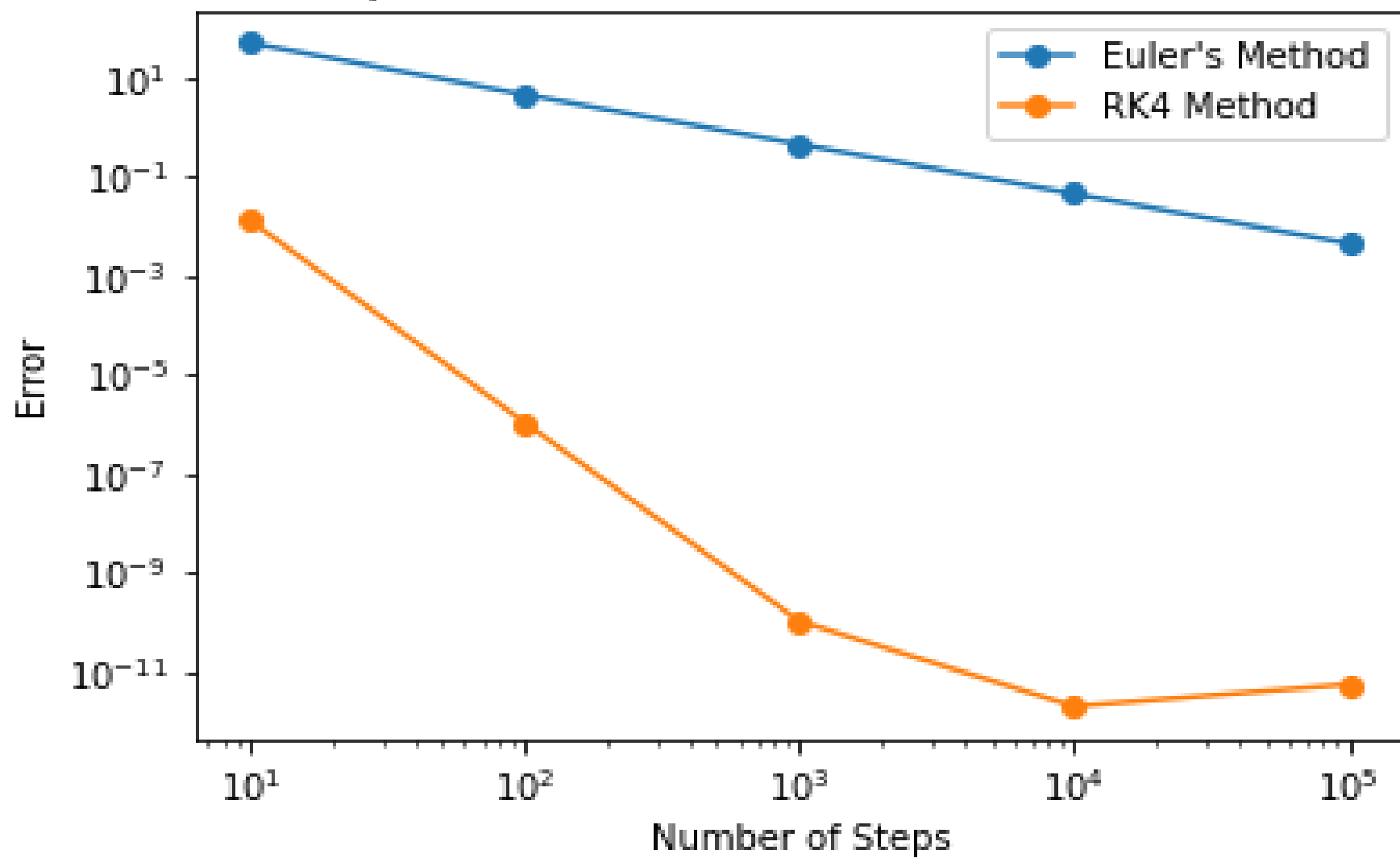
Comparison of Analytical Derivative and Numerical Derivative



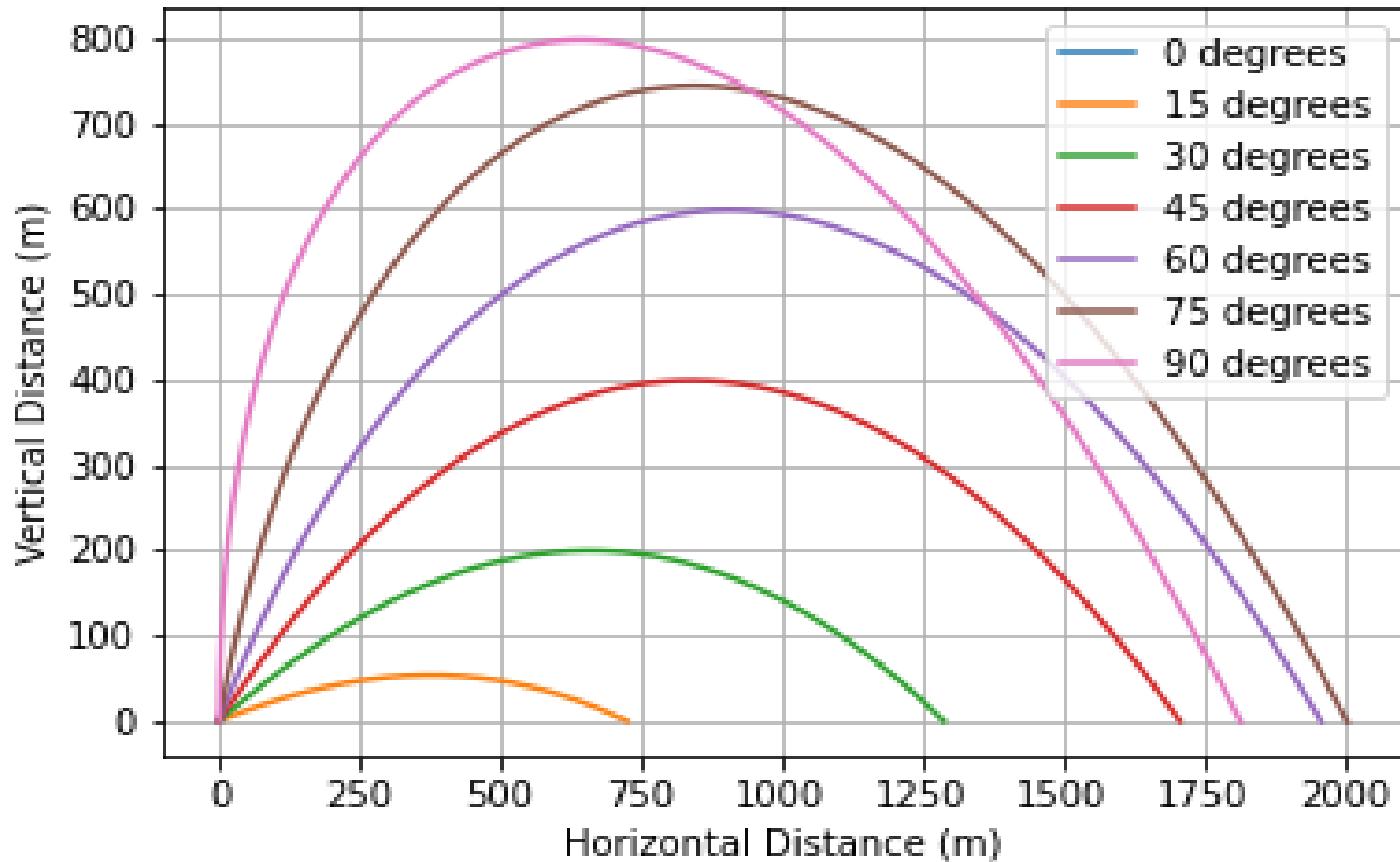
Fractional Error in Numerical Integration



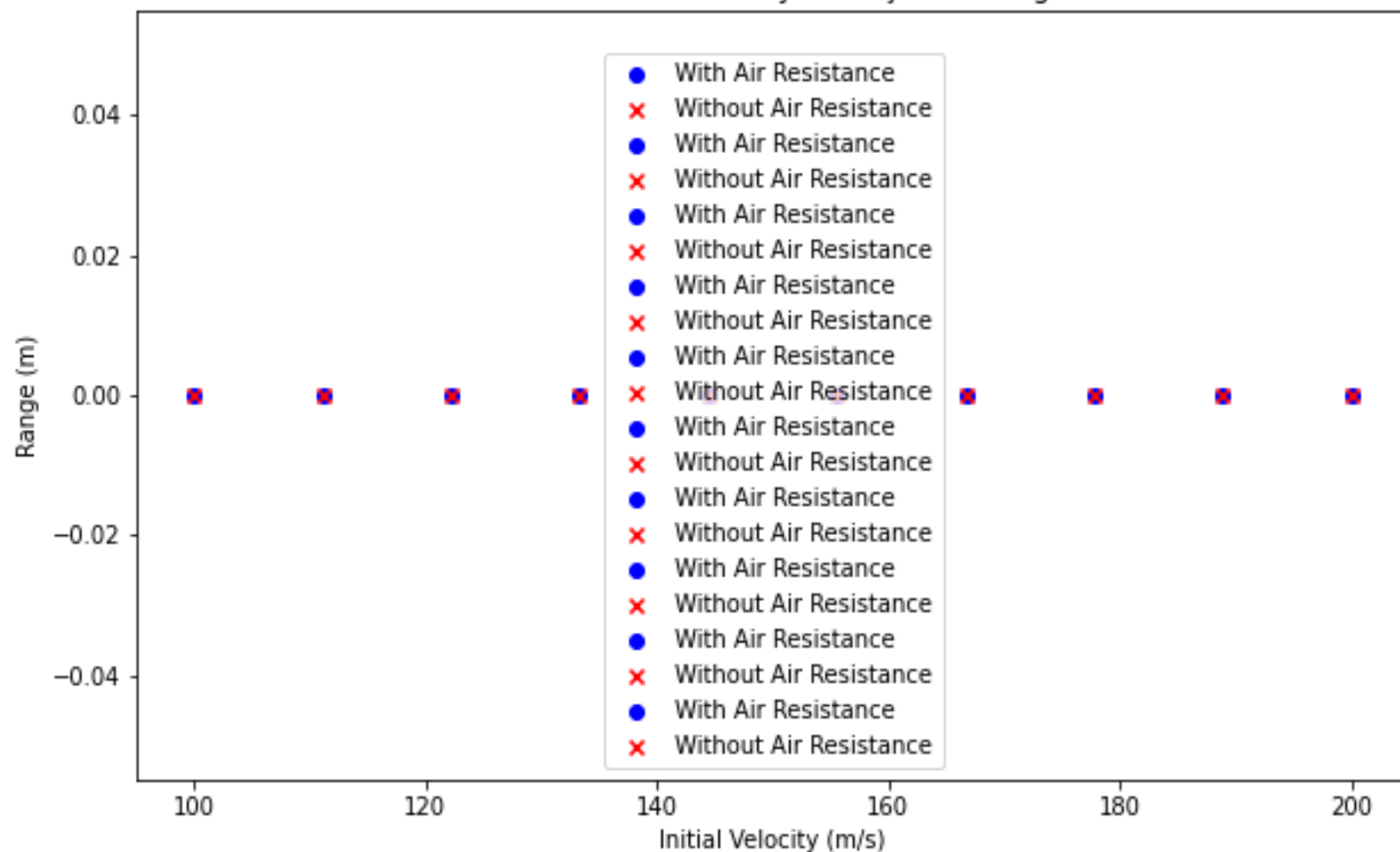
Comparison of Errors in Euler's and RK4 Methods



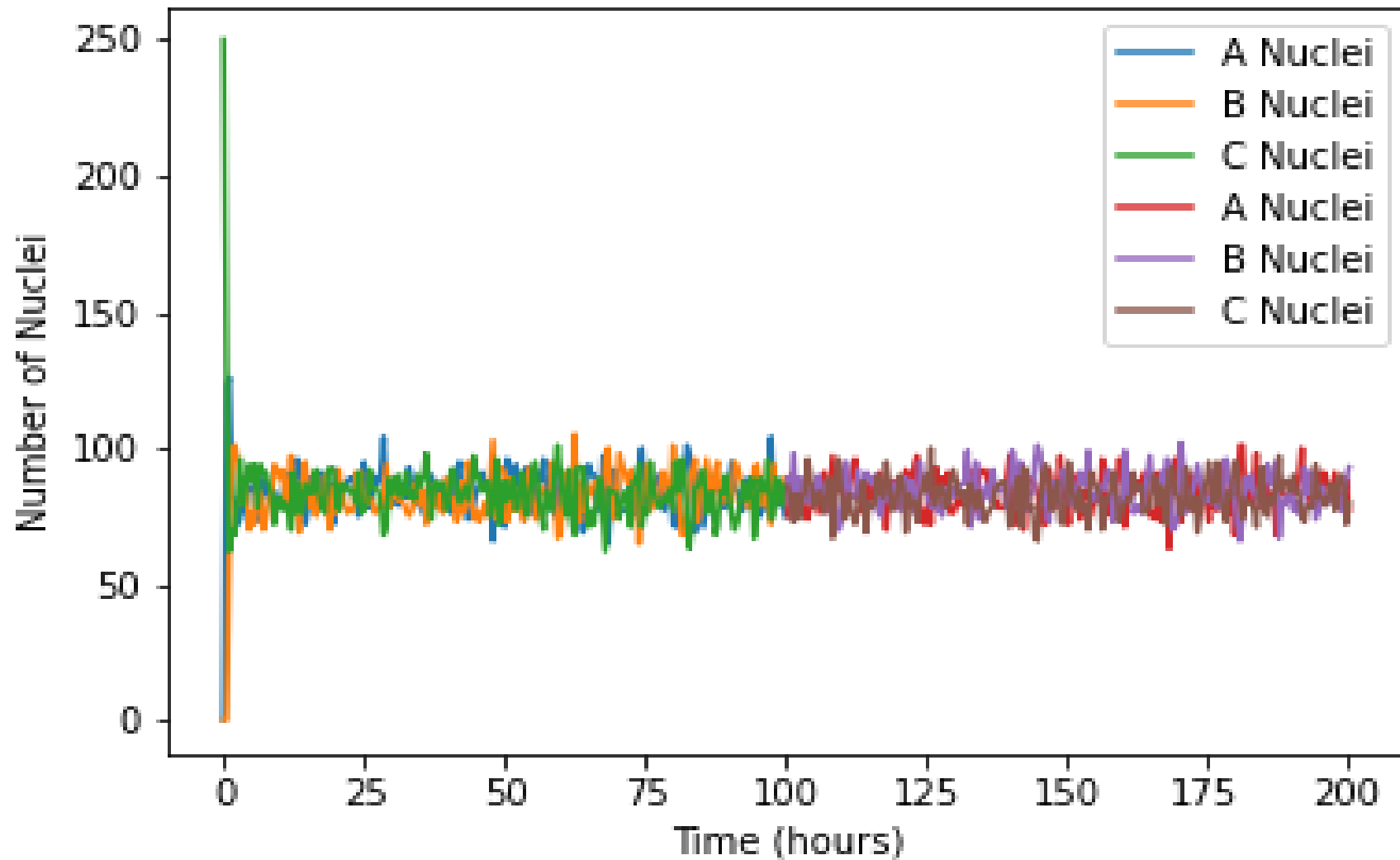
# Trajectories of a Cannonball



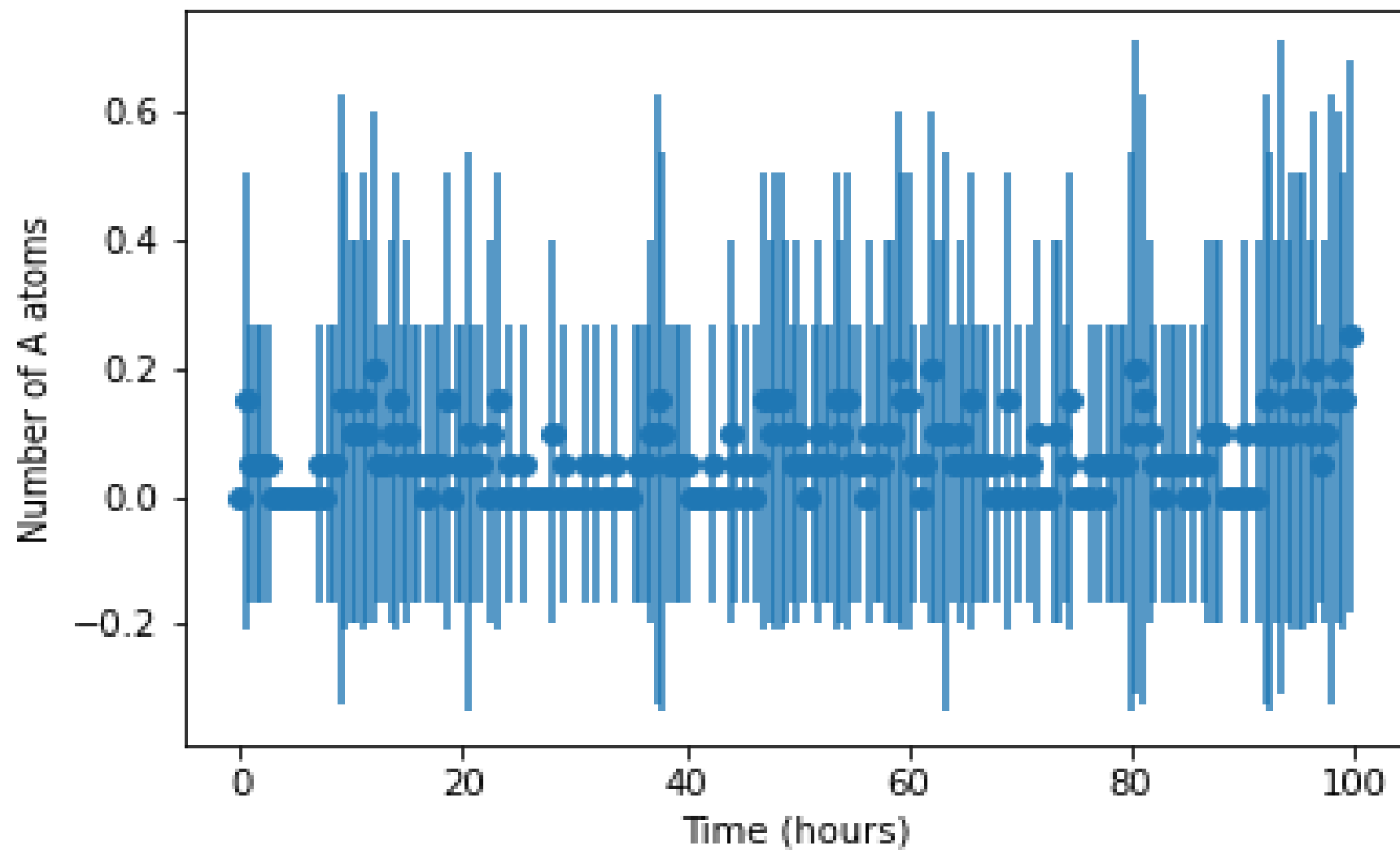
Effect of Initial Velocity on Projectile Range



Number of A, B, and C Nuclei over time without Neutron Flux

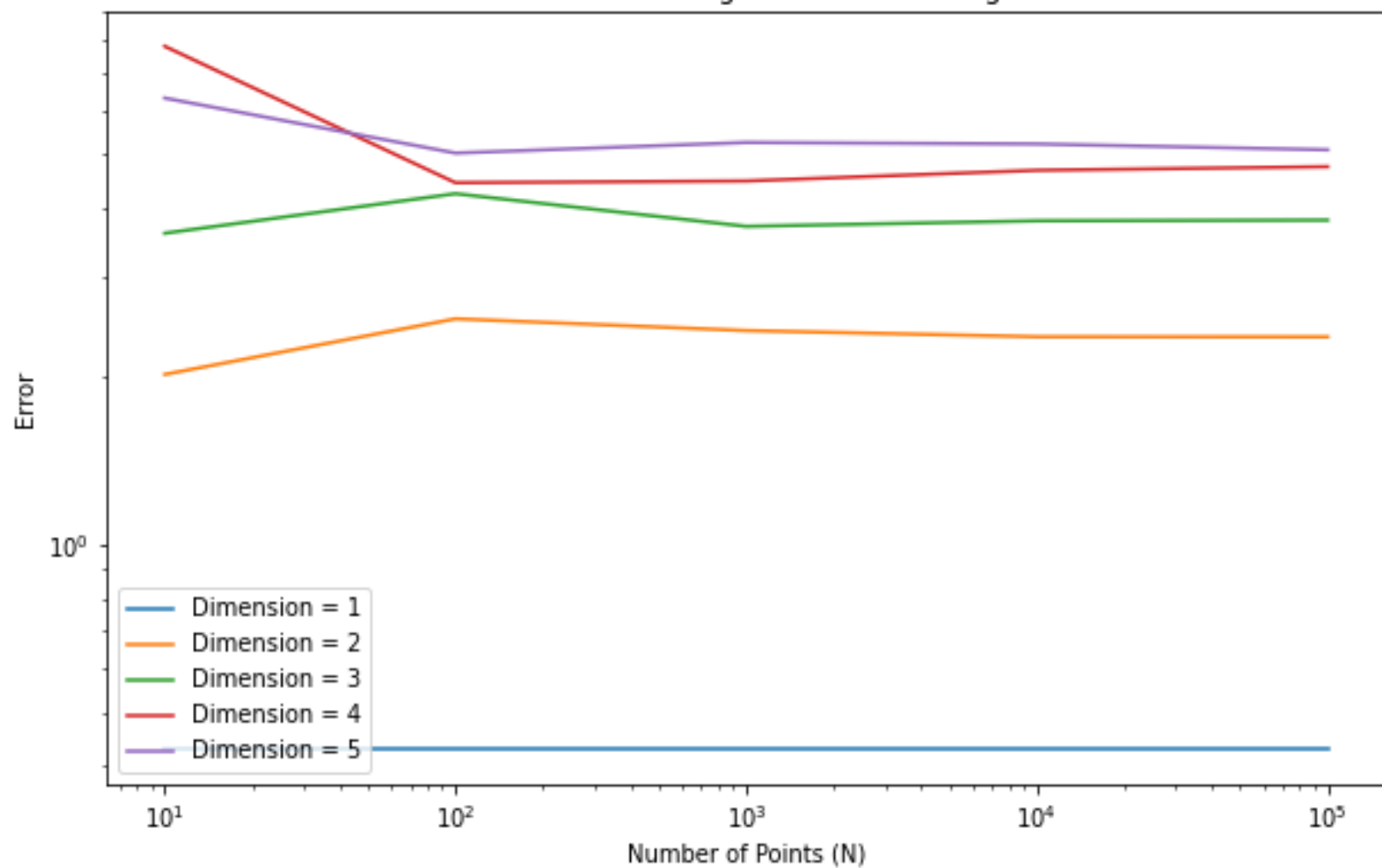


Number of A atoms as a function of time

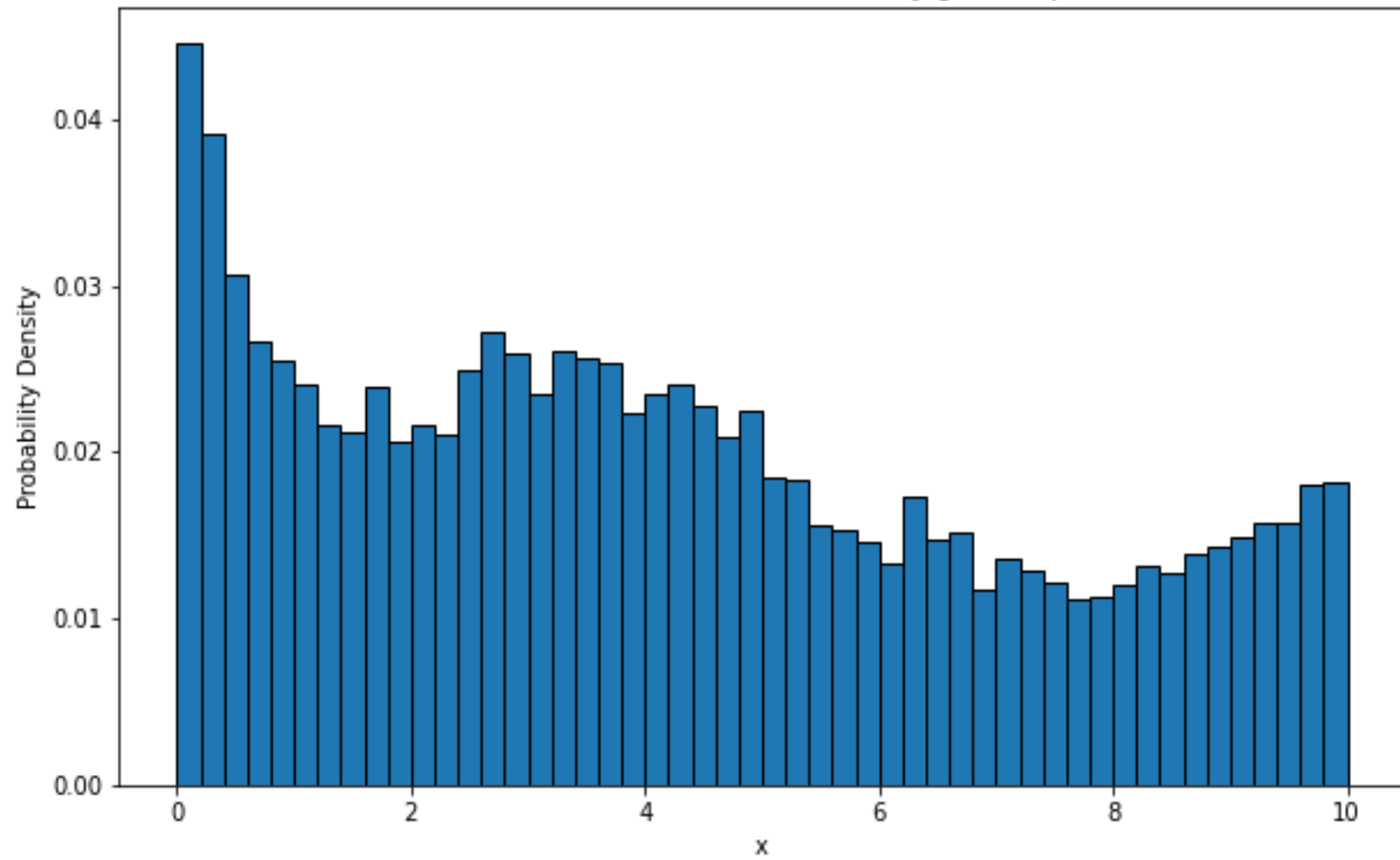




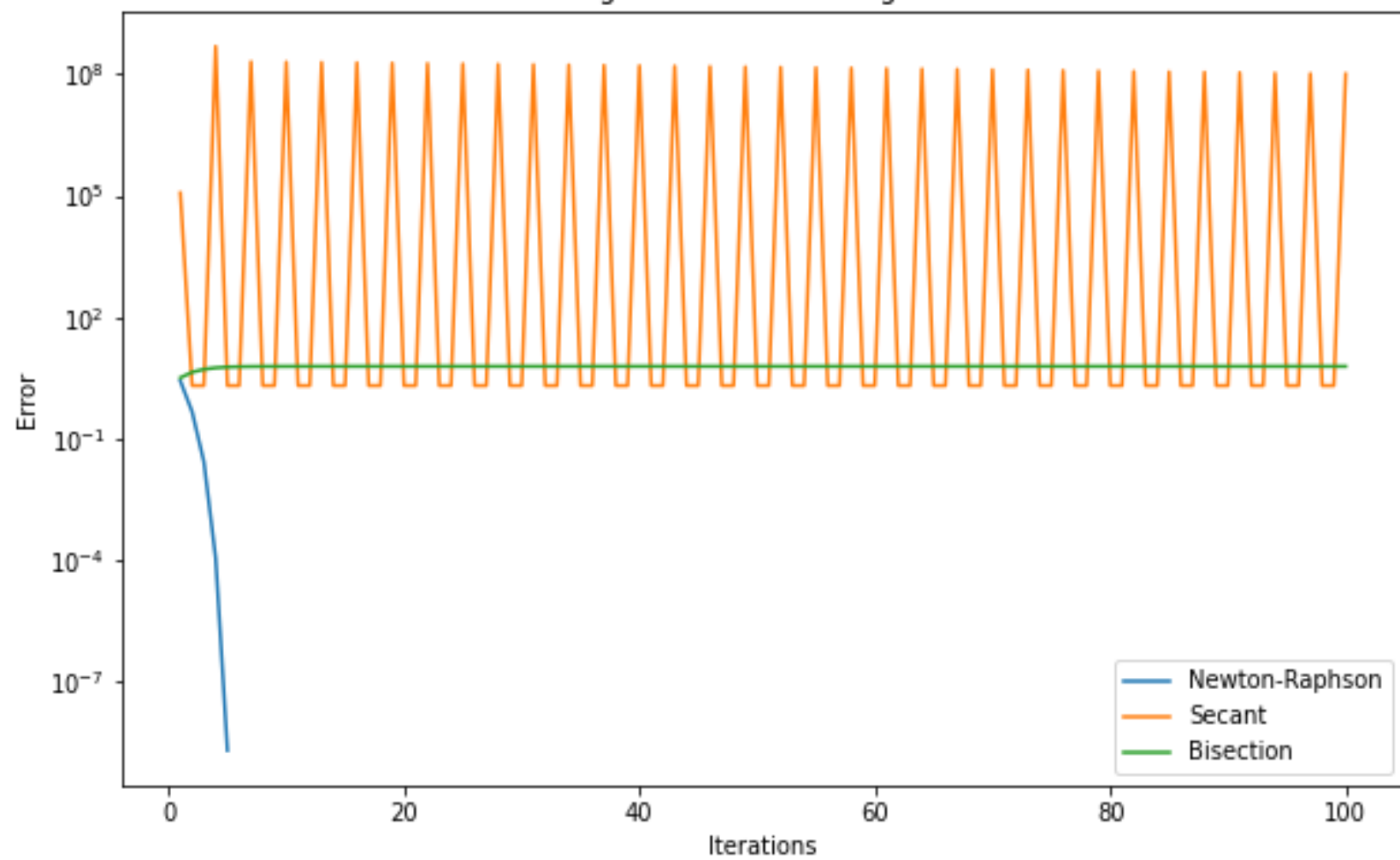
Monte Carlo Integration Error Scaling



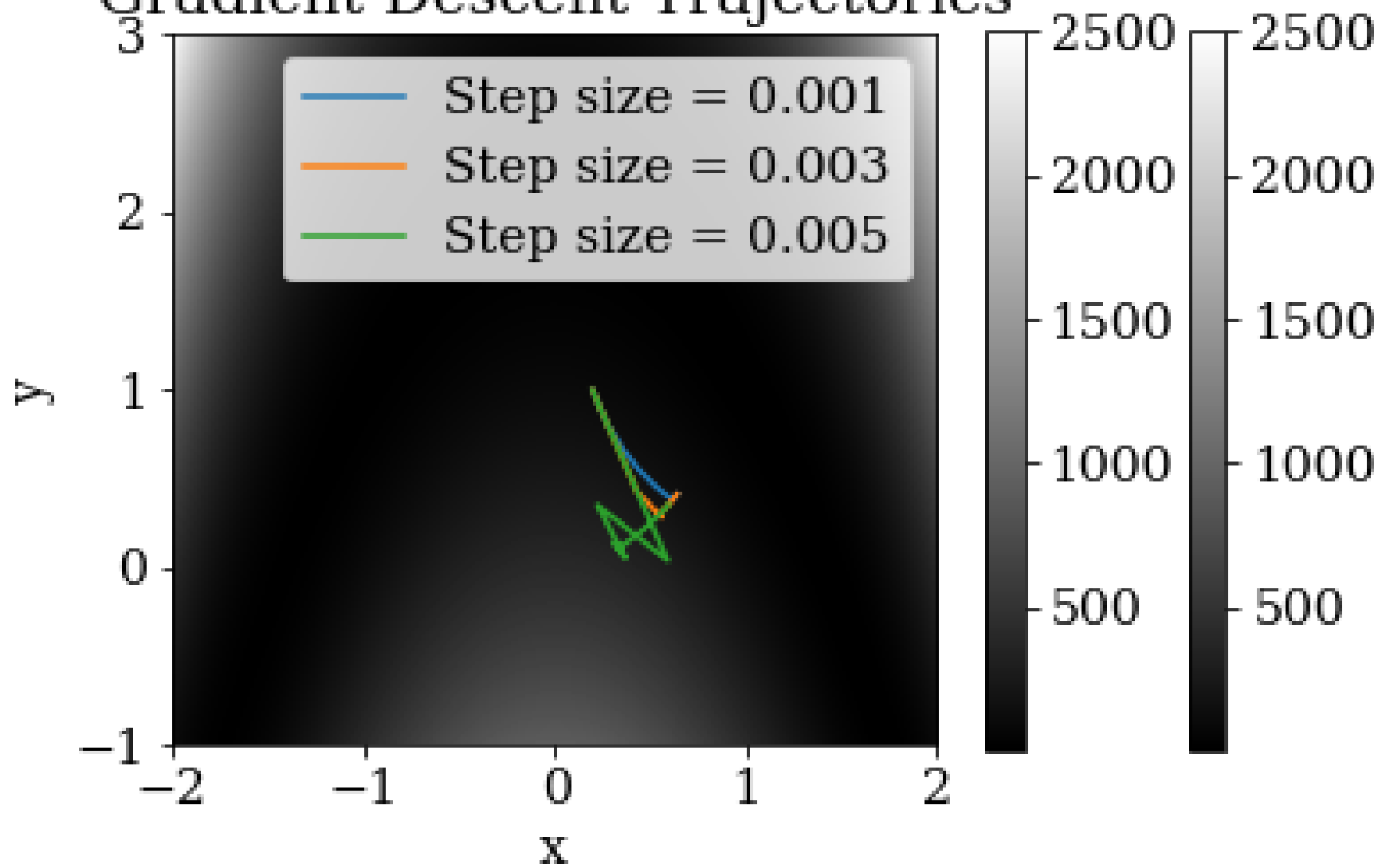
Distribution of Values Generated by genSample



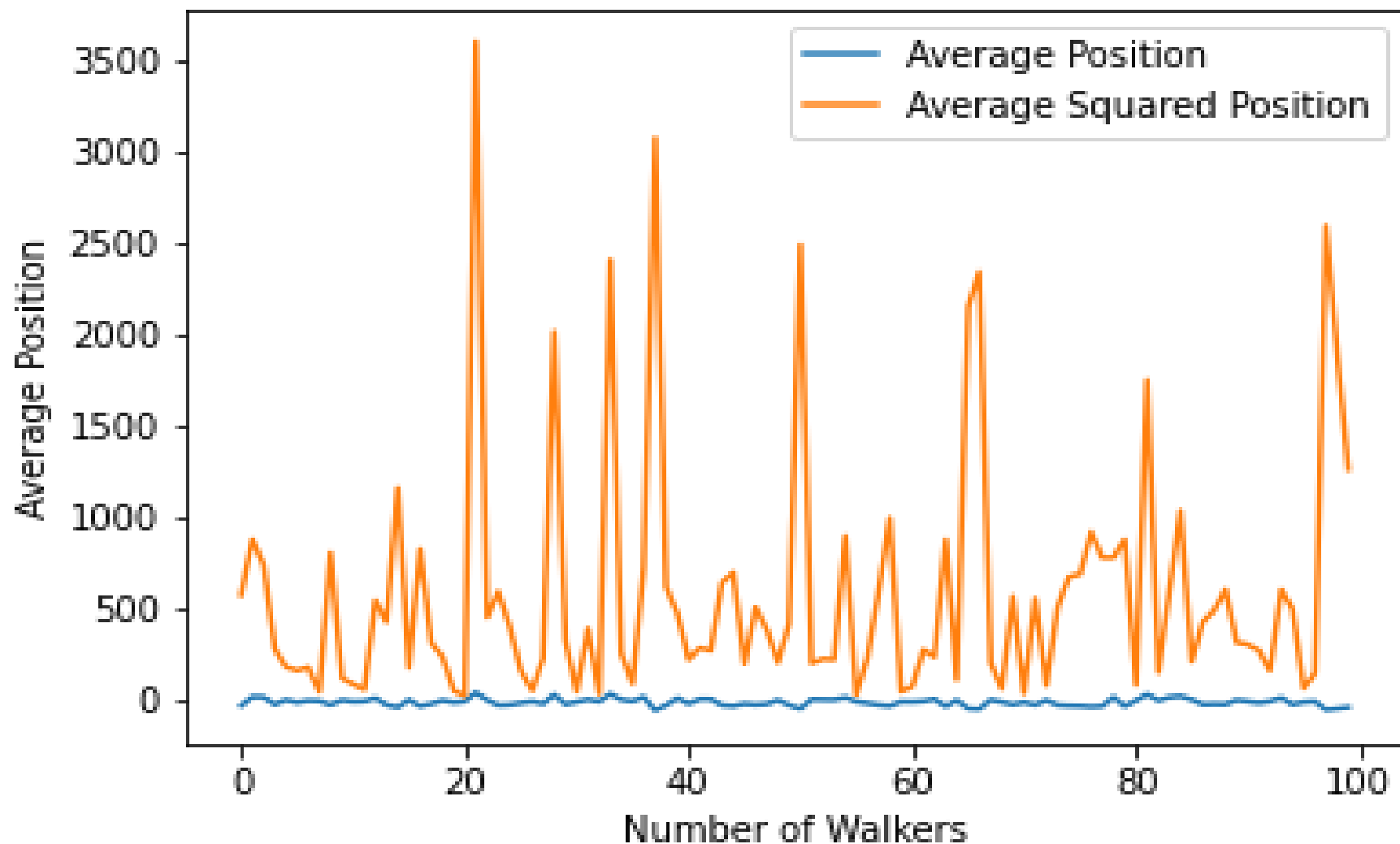
Convergence of Root Finding Methods



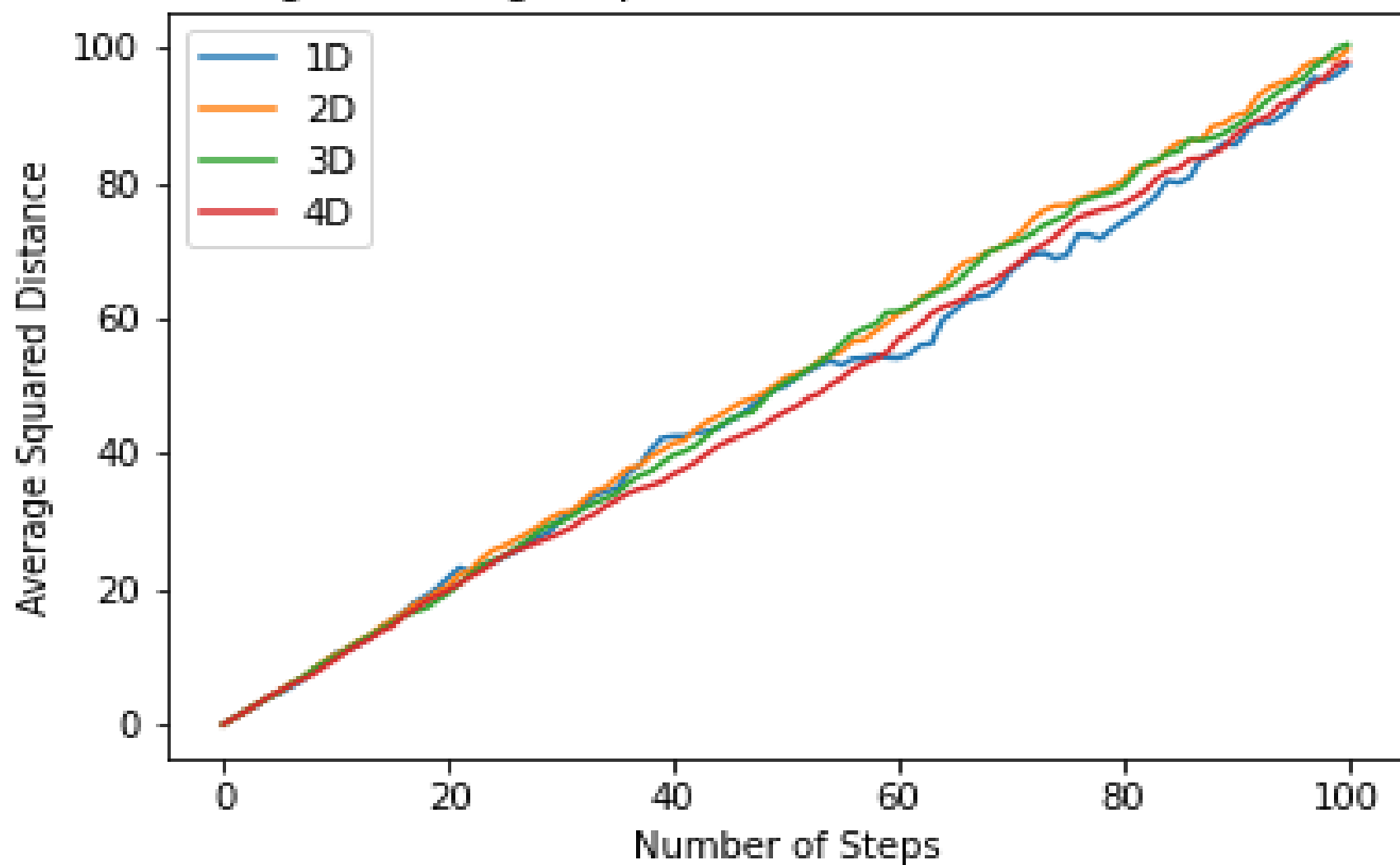
# Gradient Descent Trajectories



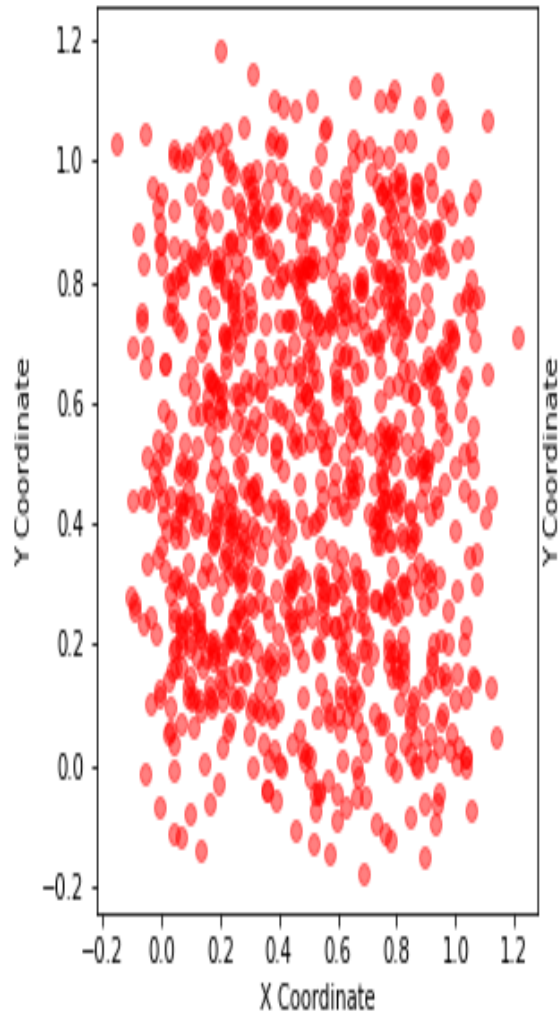
Average Position and Average Squared Position of 1D Walkers



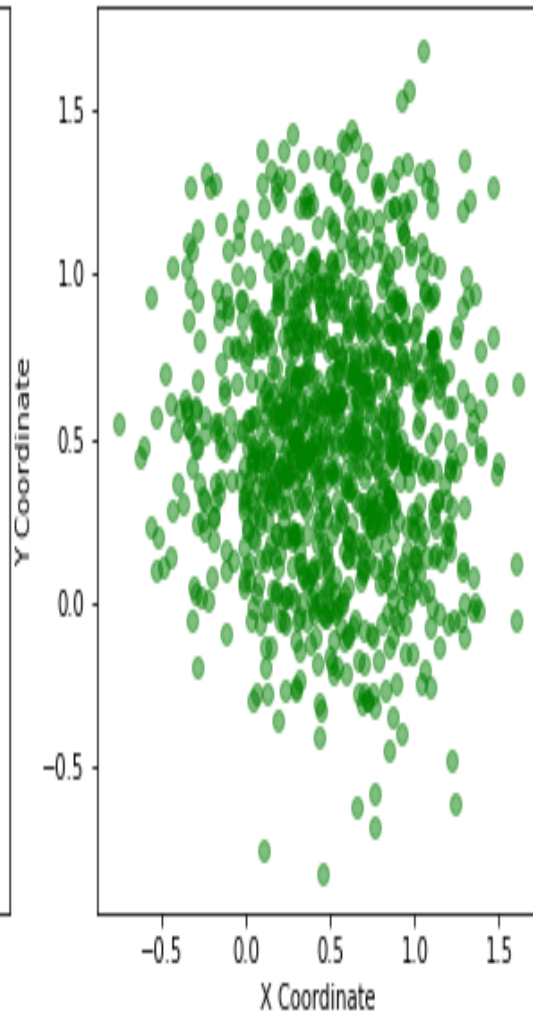
Scaling of Average Squared Distance with Dimensionality



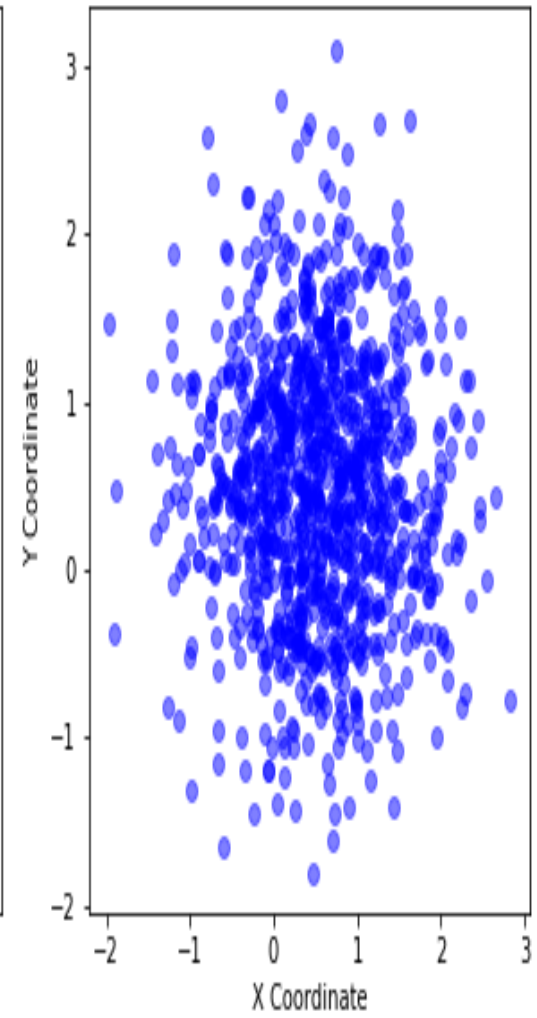
10 Steps



100 Steps



500 Steps



AI?