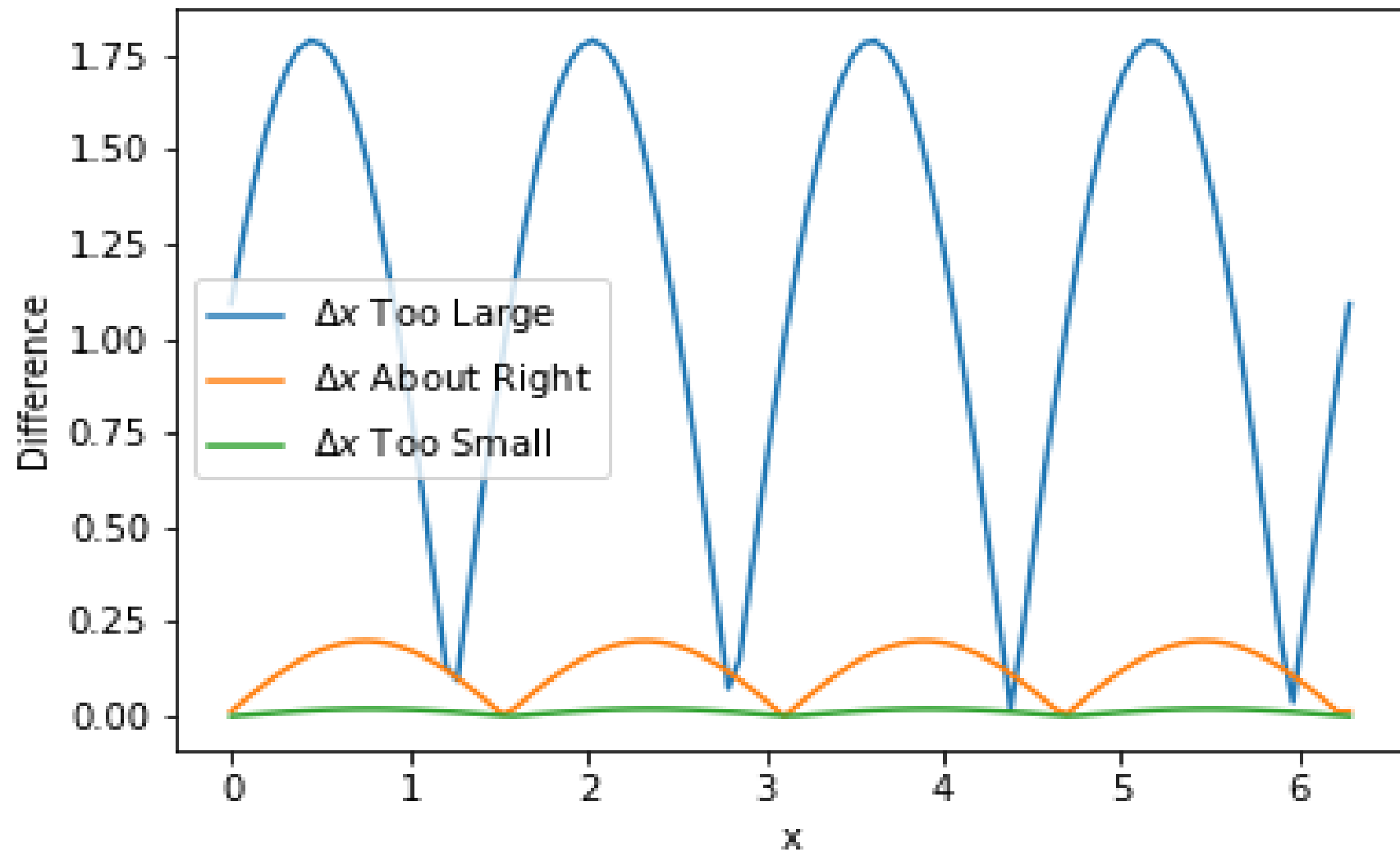
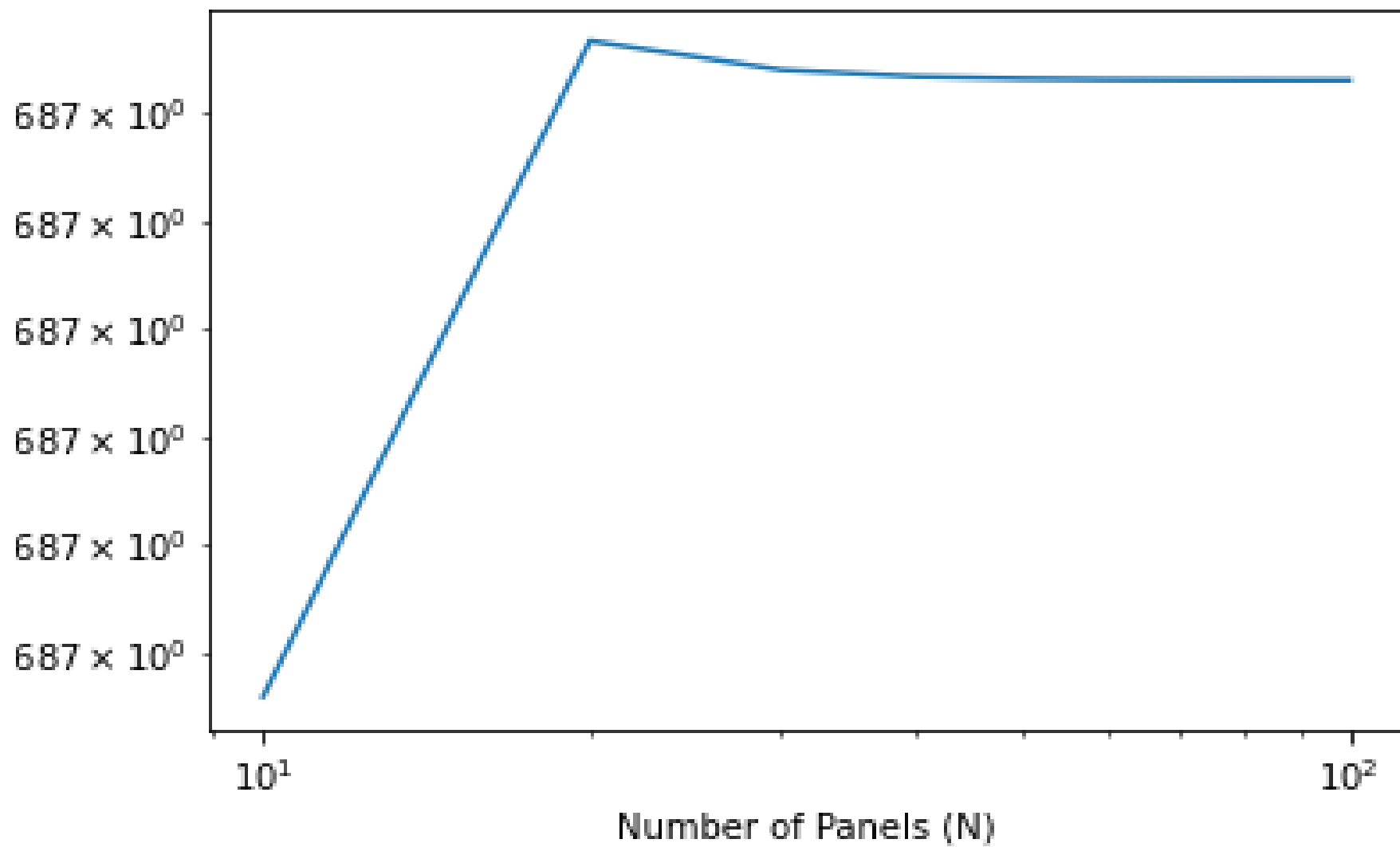


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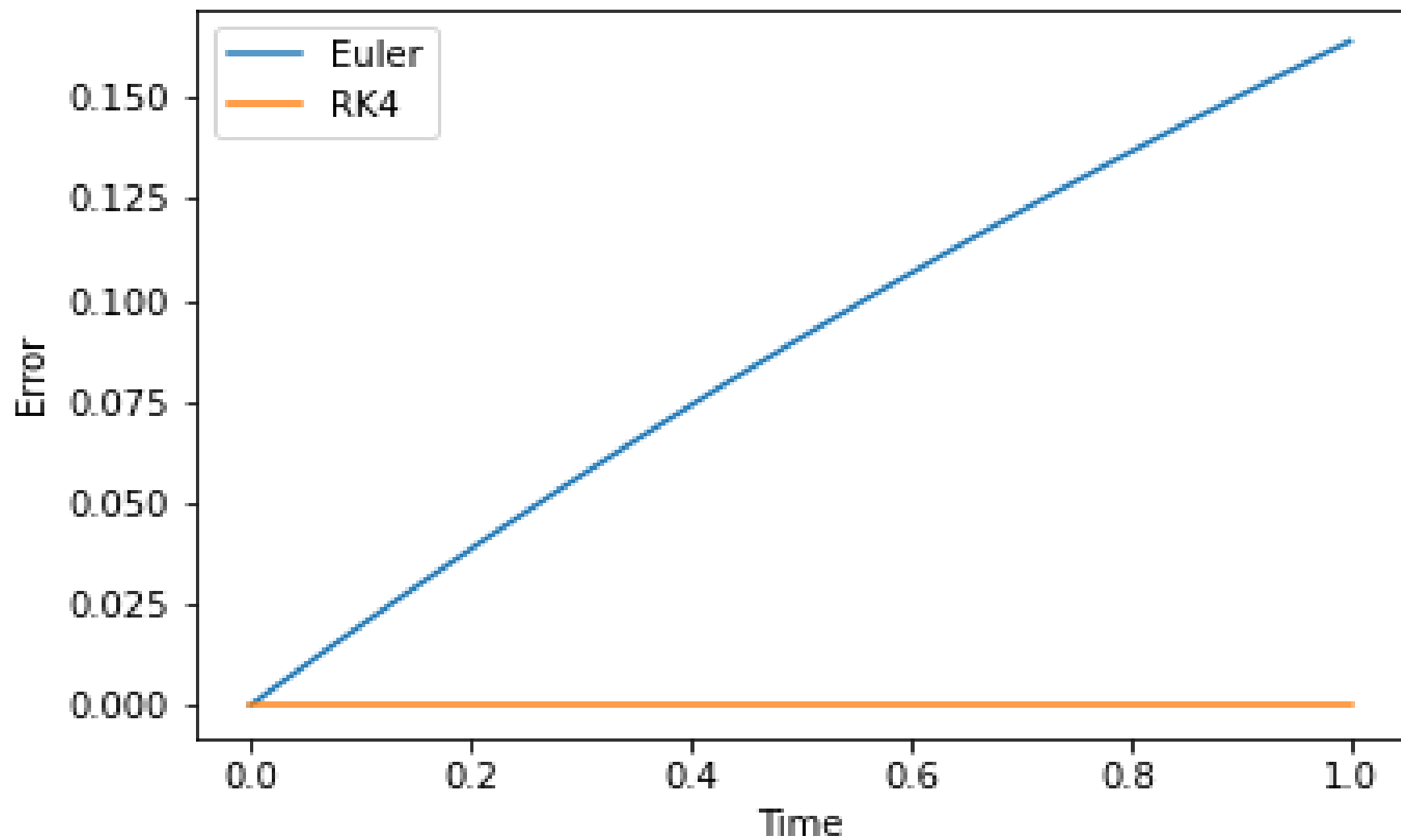
Difference between Analytic and Numerical Derivative



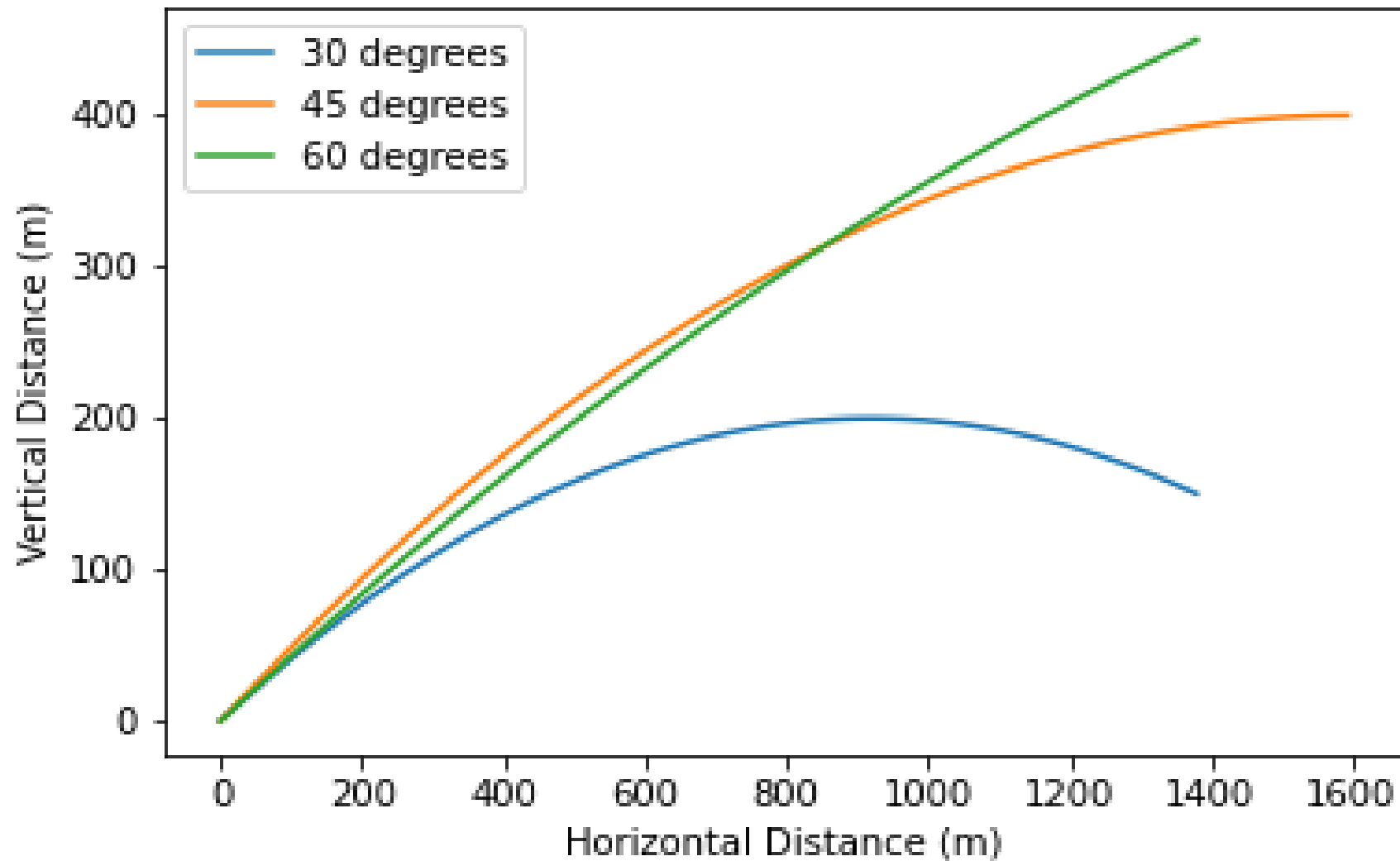
Fractional Error of Numerical Integration using Simpson's Rule



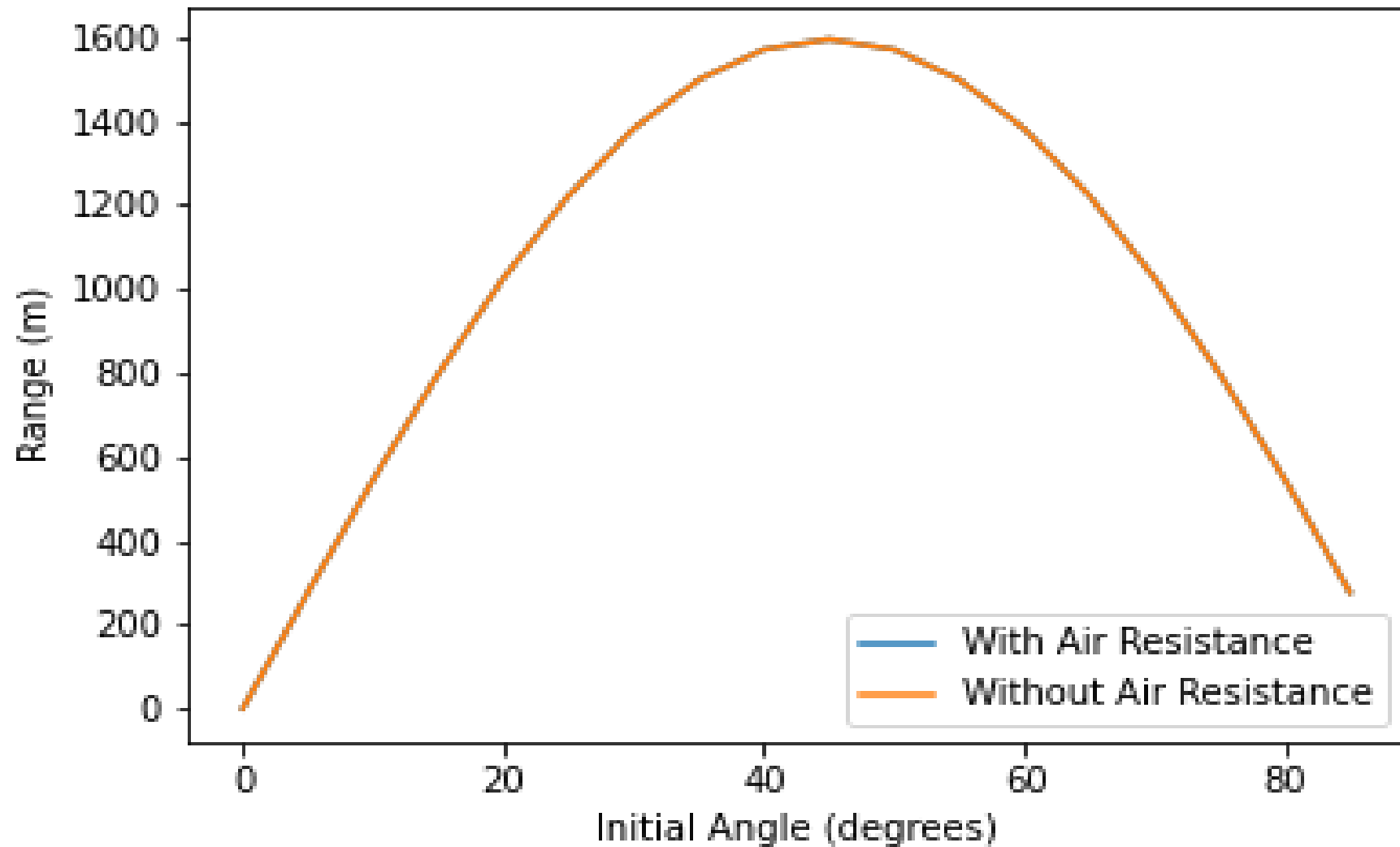
Error Comparison: Euler vs RK4



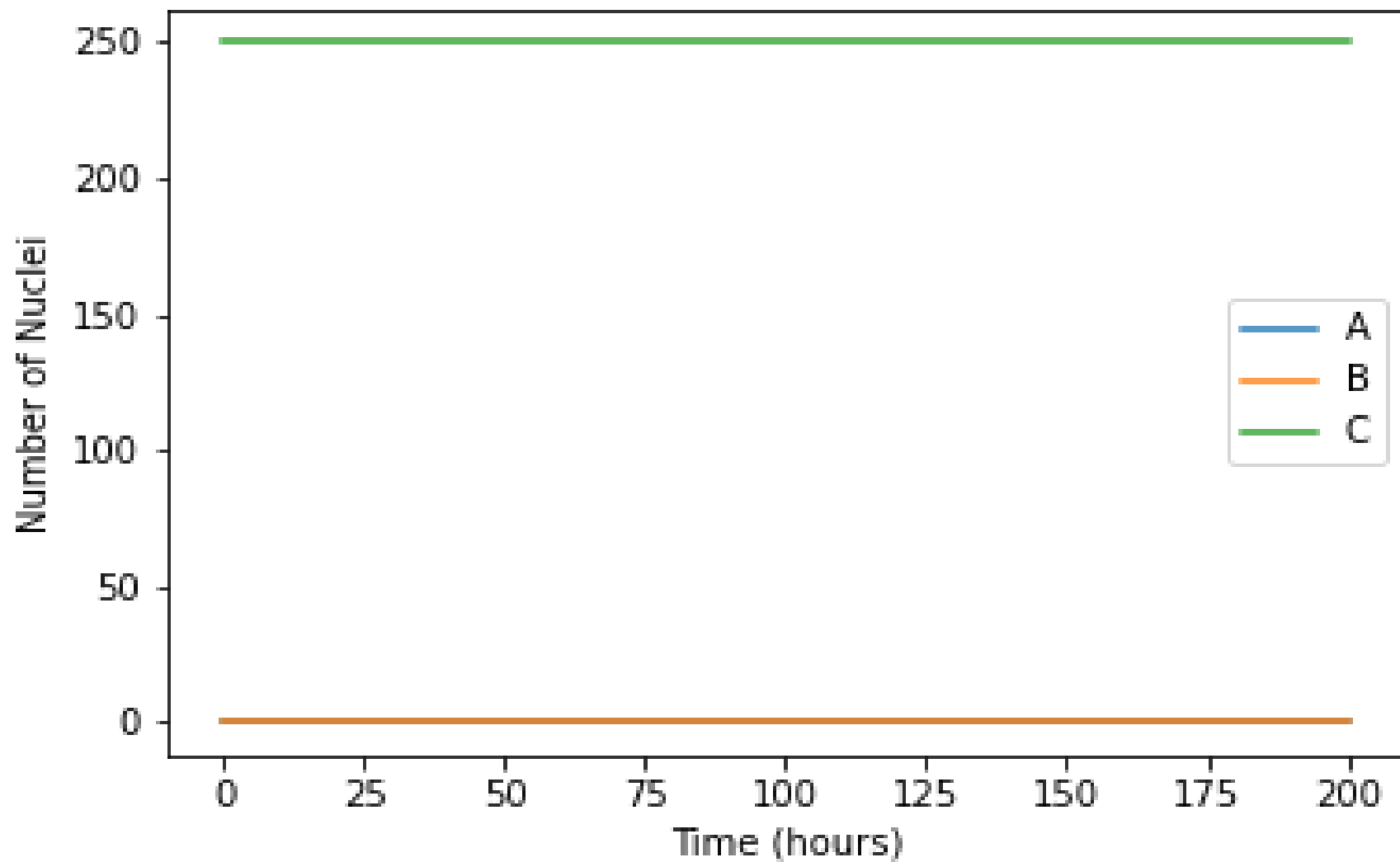
Projectile Trajectories



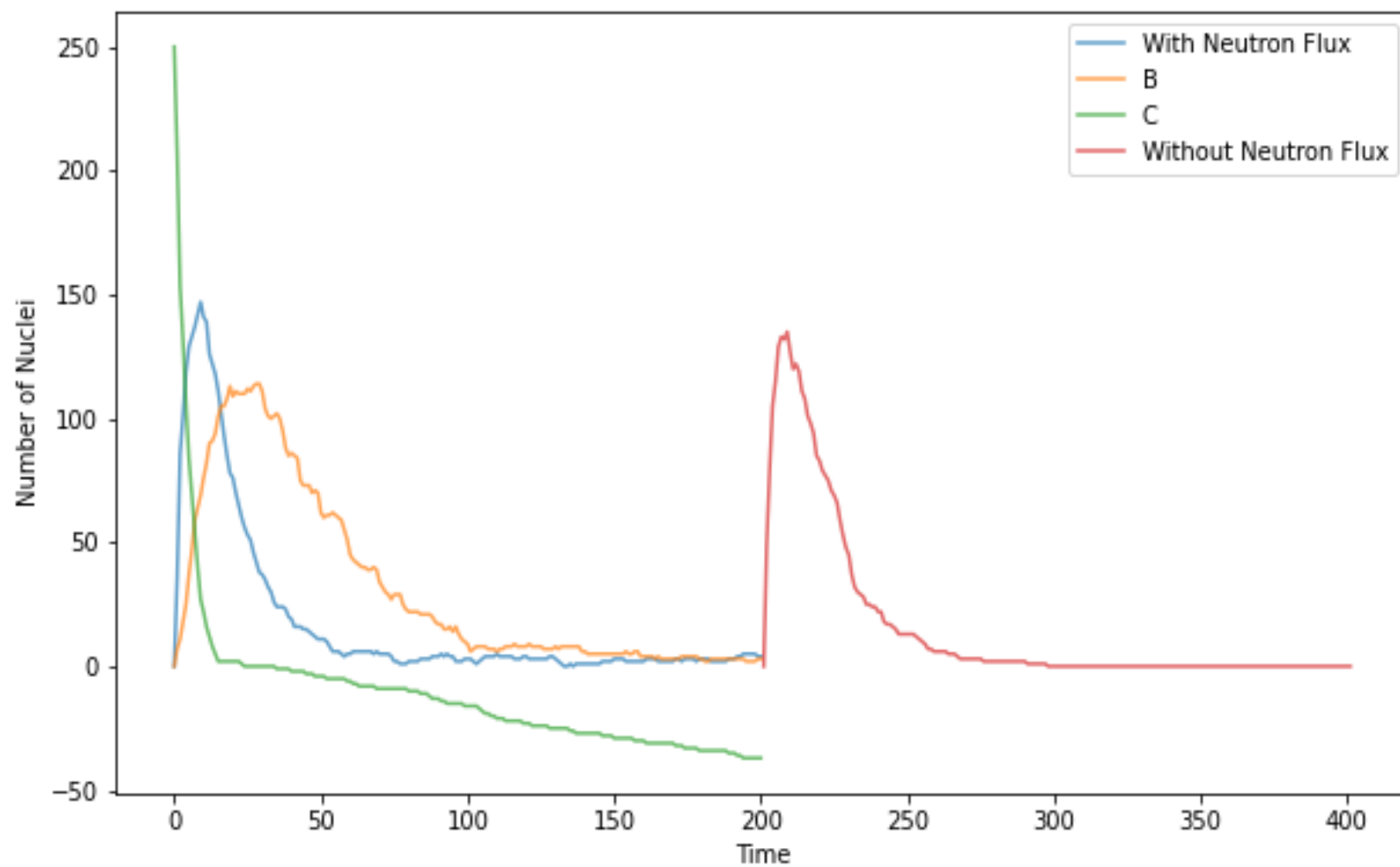
Range of Projectiles with and without Air Resistance



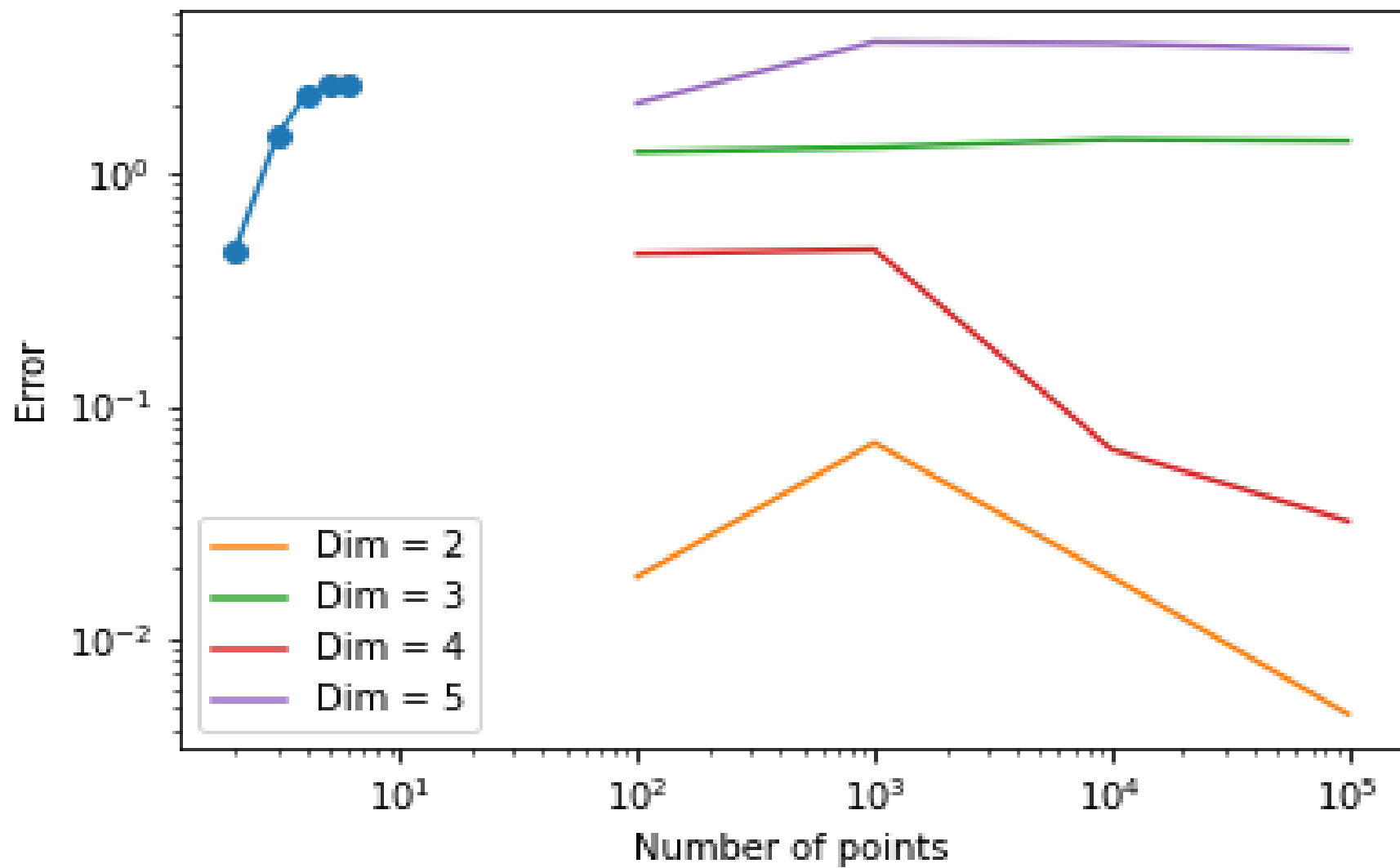
Evolution of Nuclei



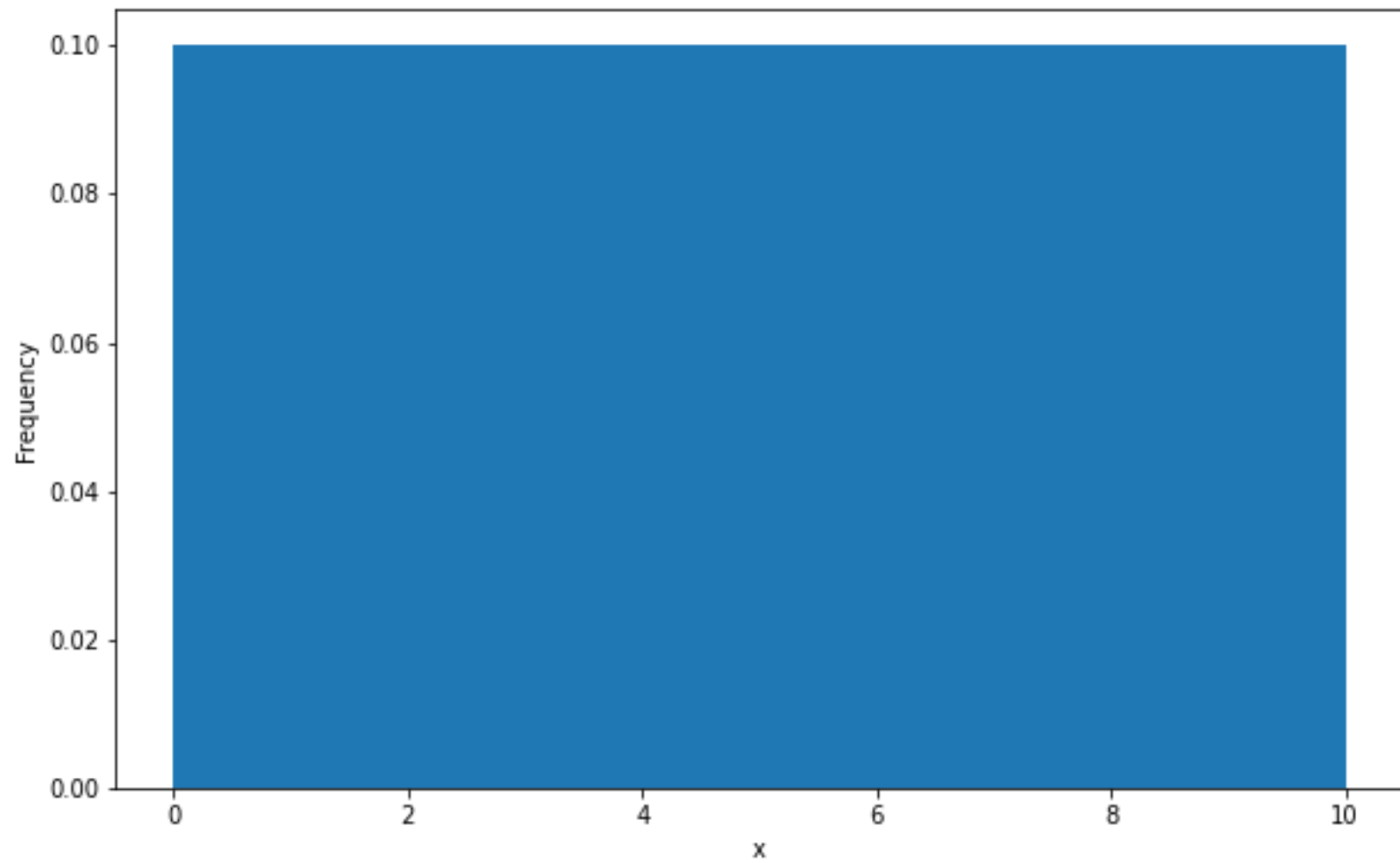
Evolution of Nuclei



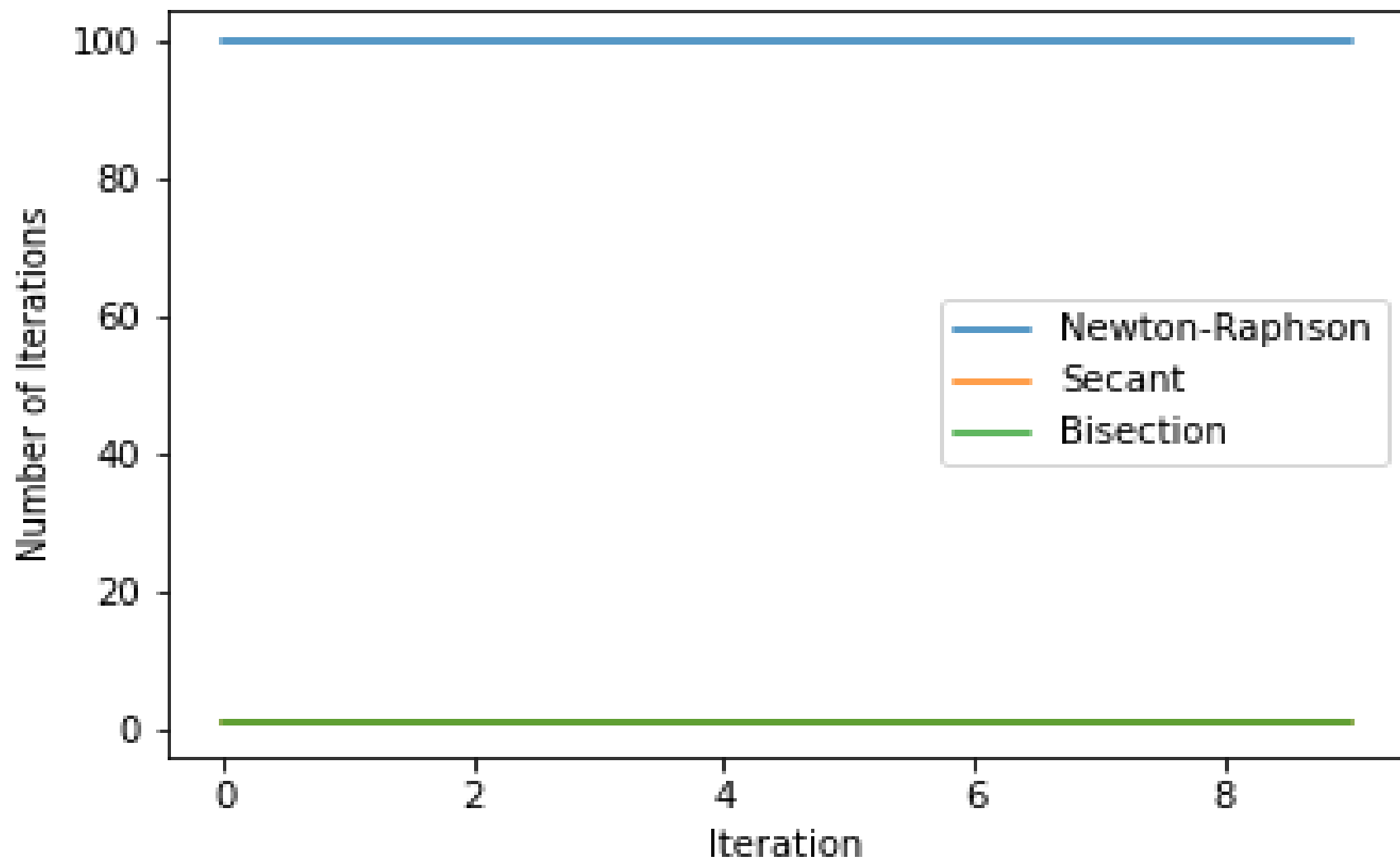
Error scaling for Monte Carlo integration

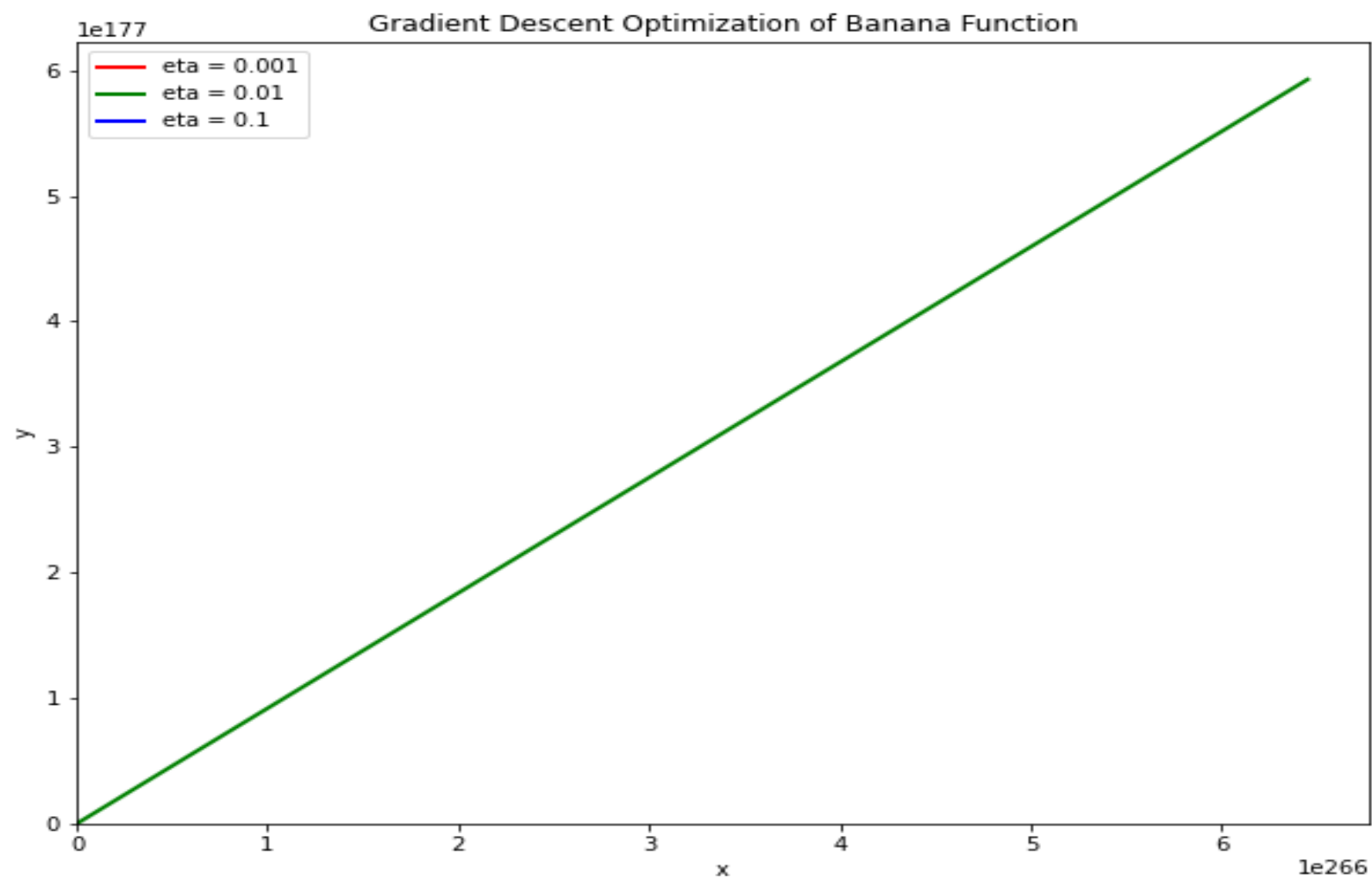


Distribution of Points Generated



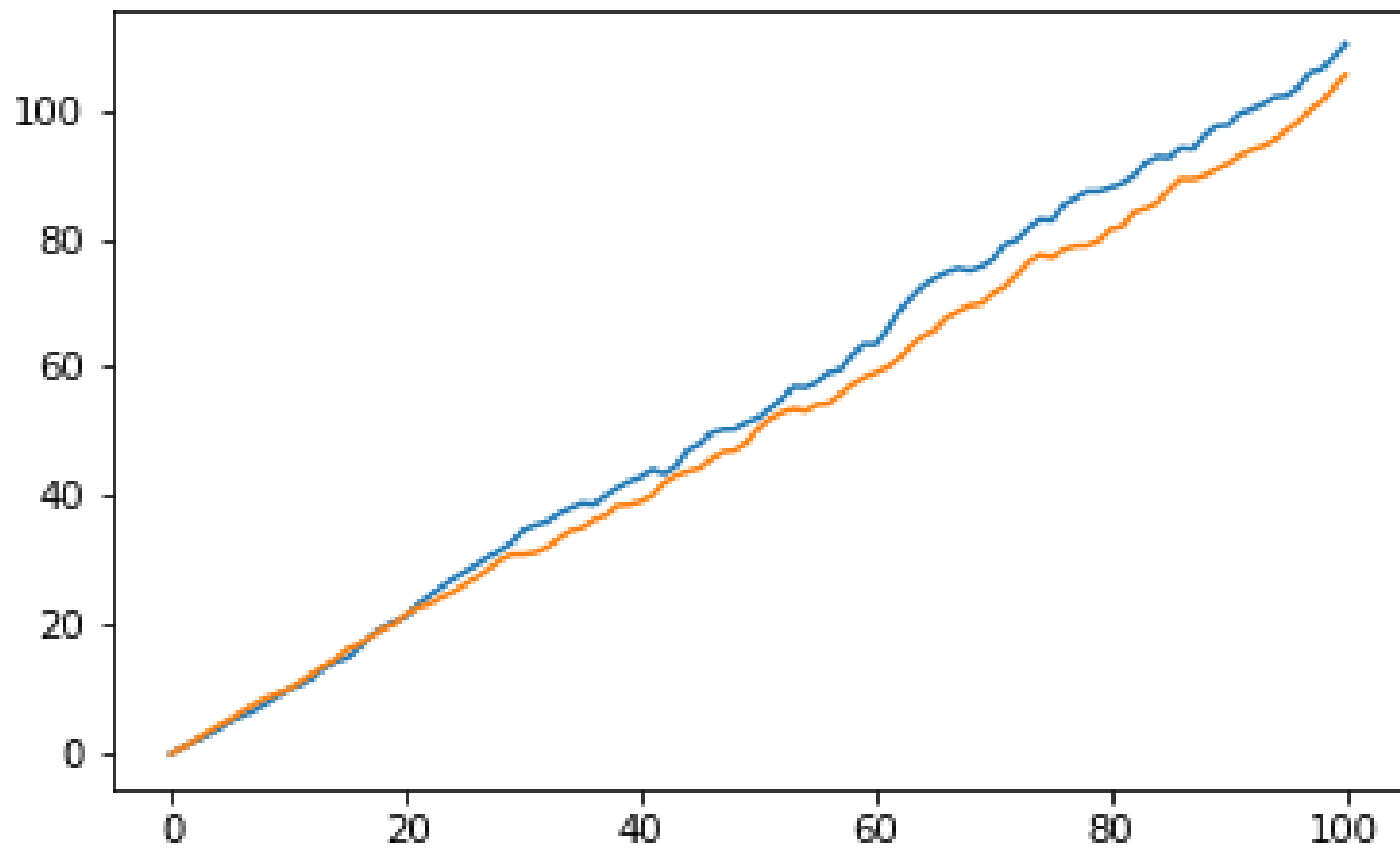
Convergence Comparison



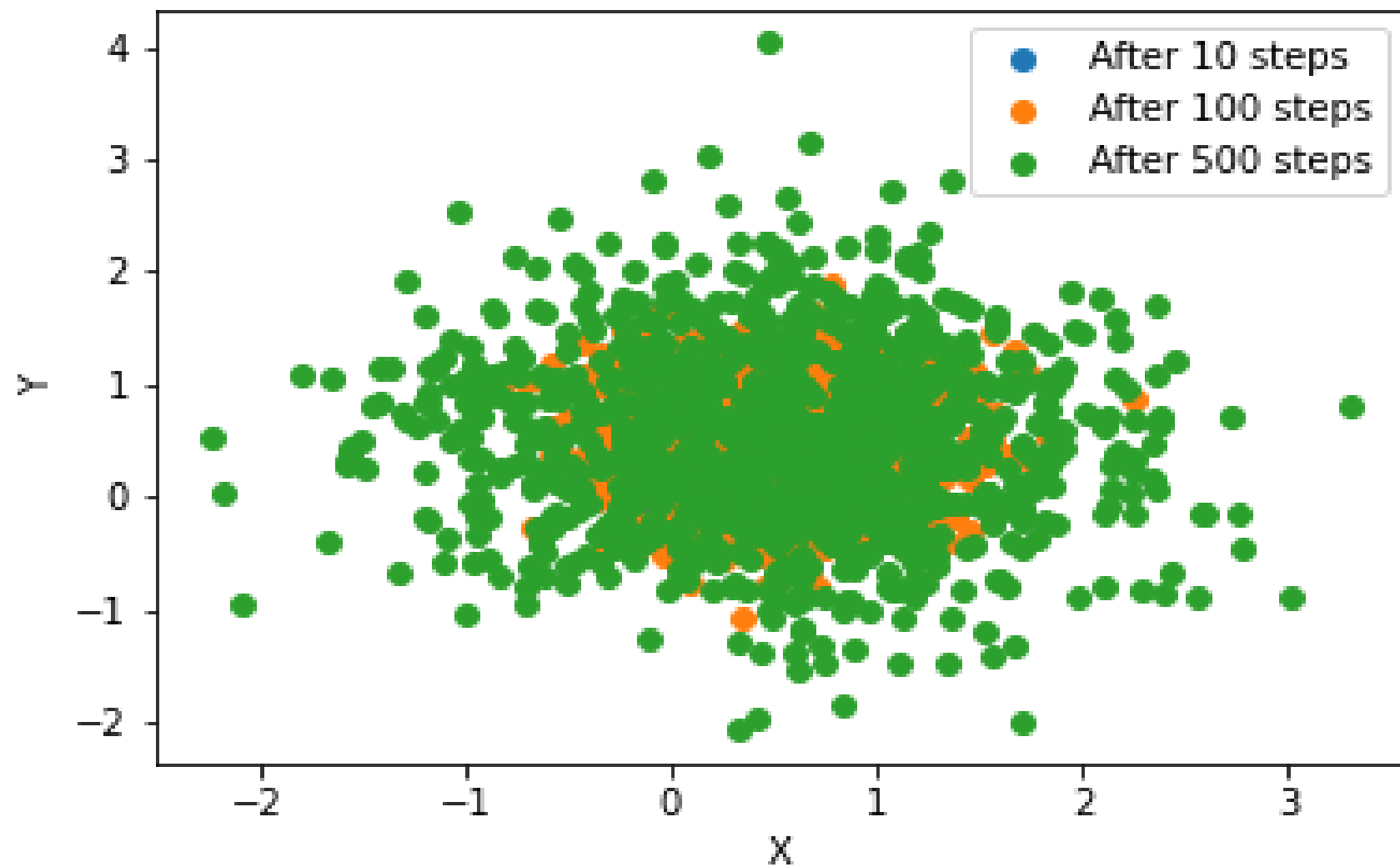


Average Position and Average Squared Position





Position of Walkers after Different Steps



AI?