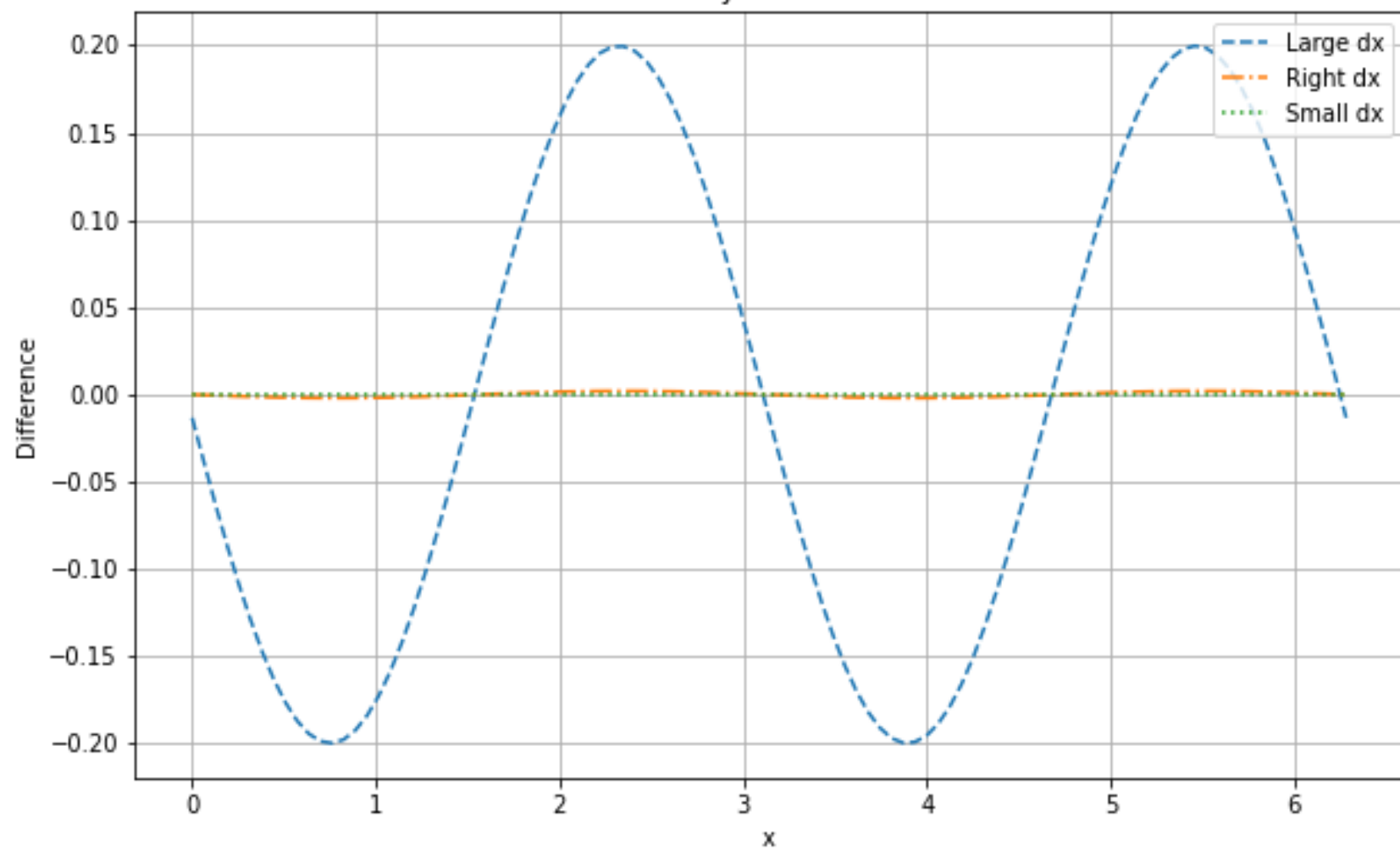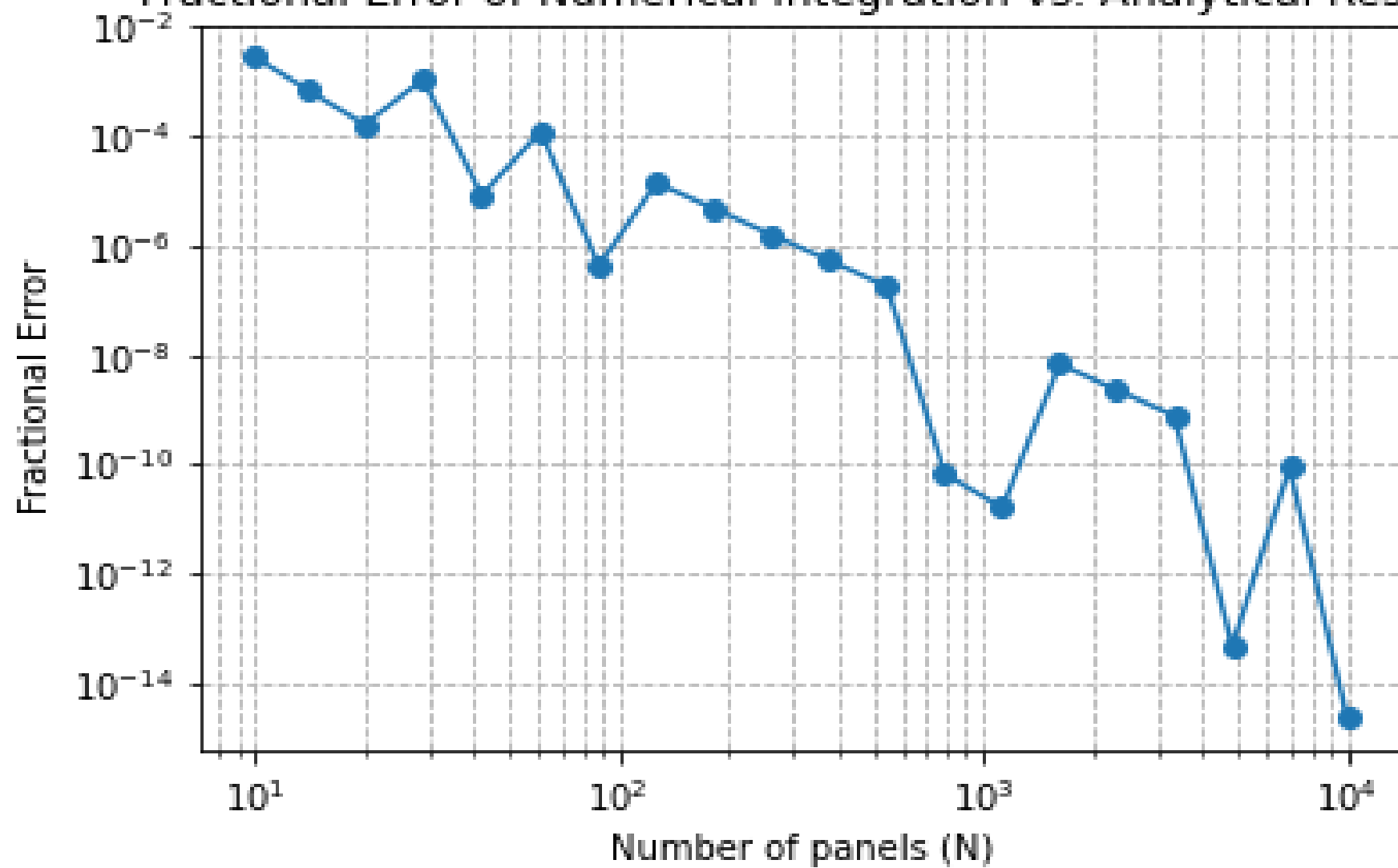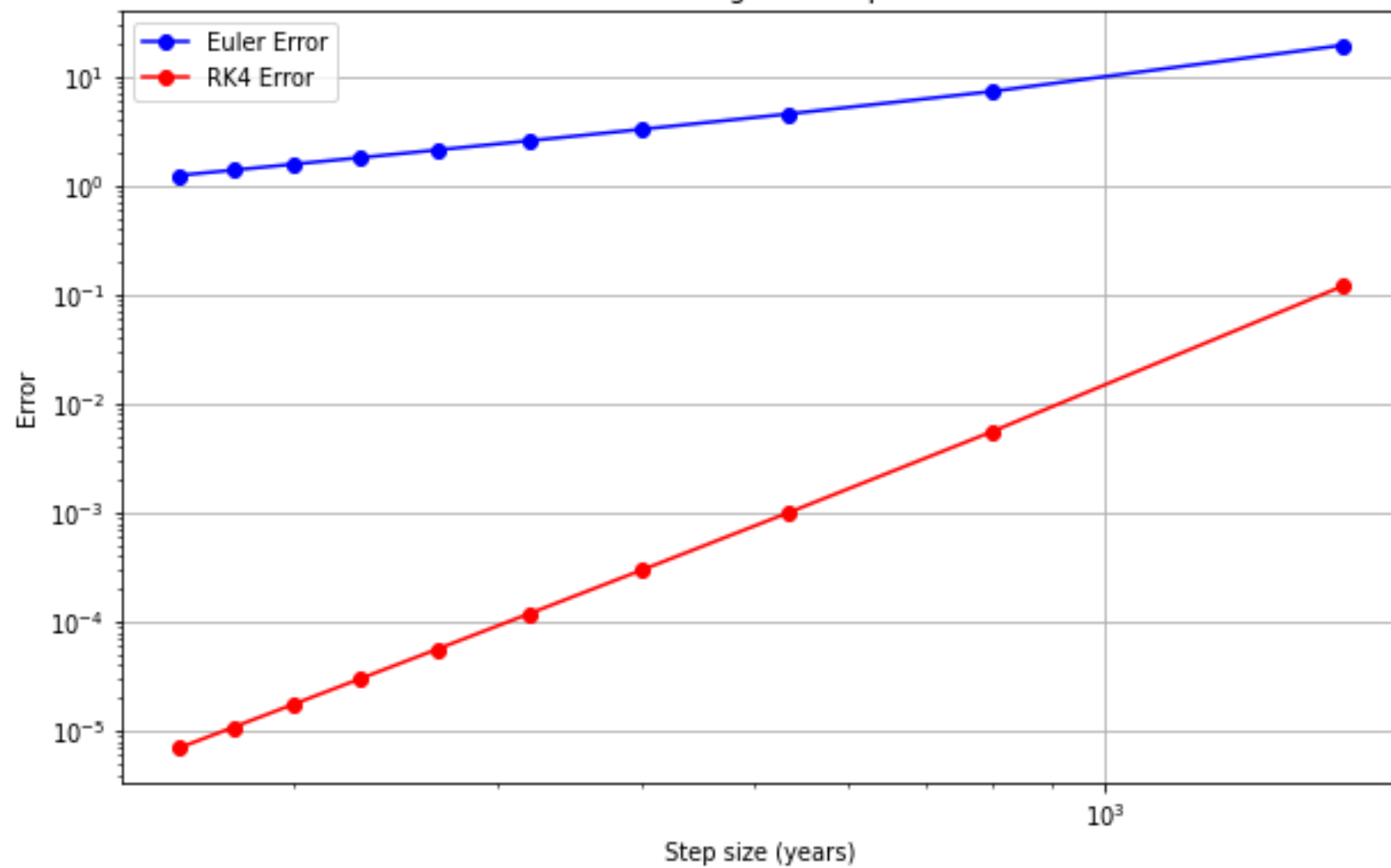80680

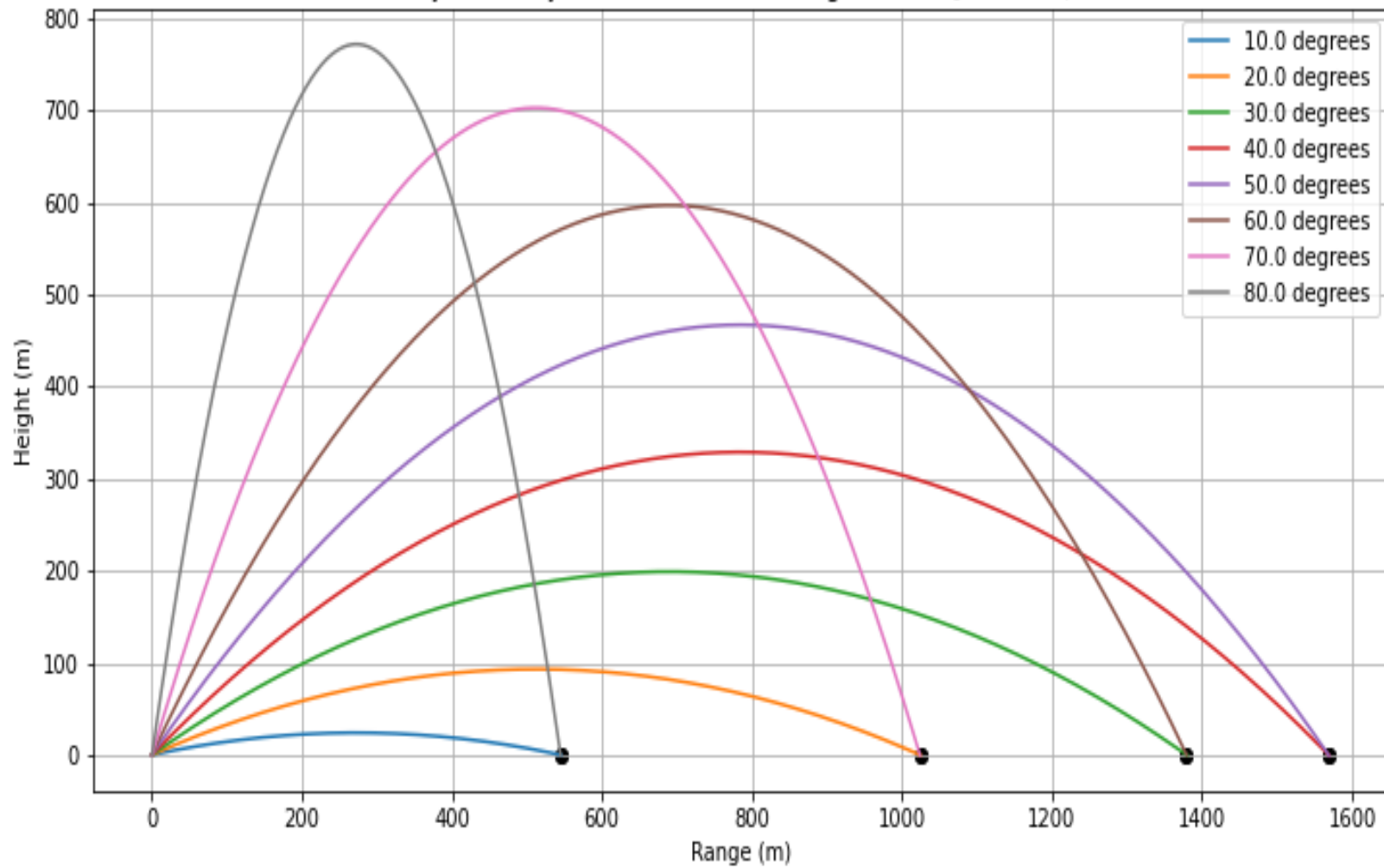Difference between Analytical and Numerical Derivative

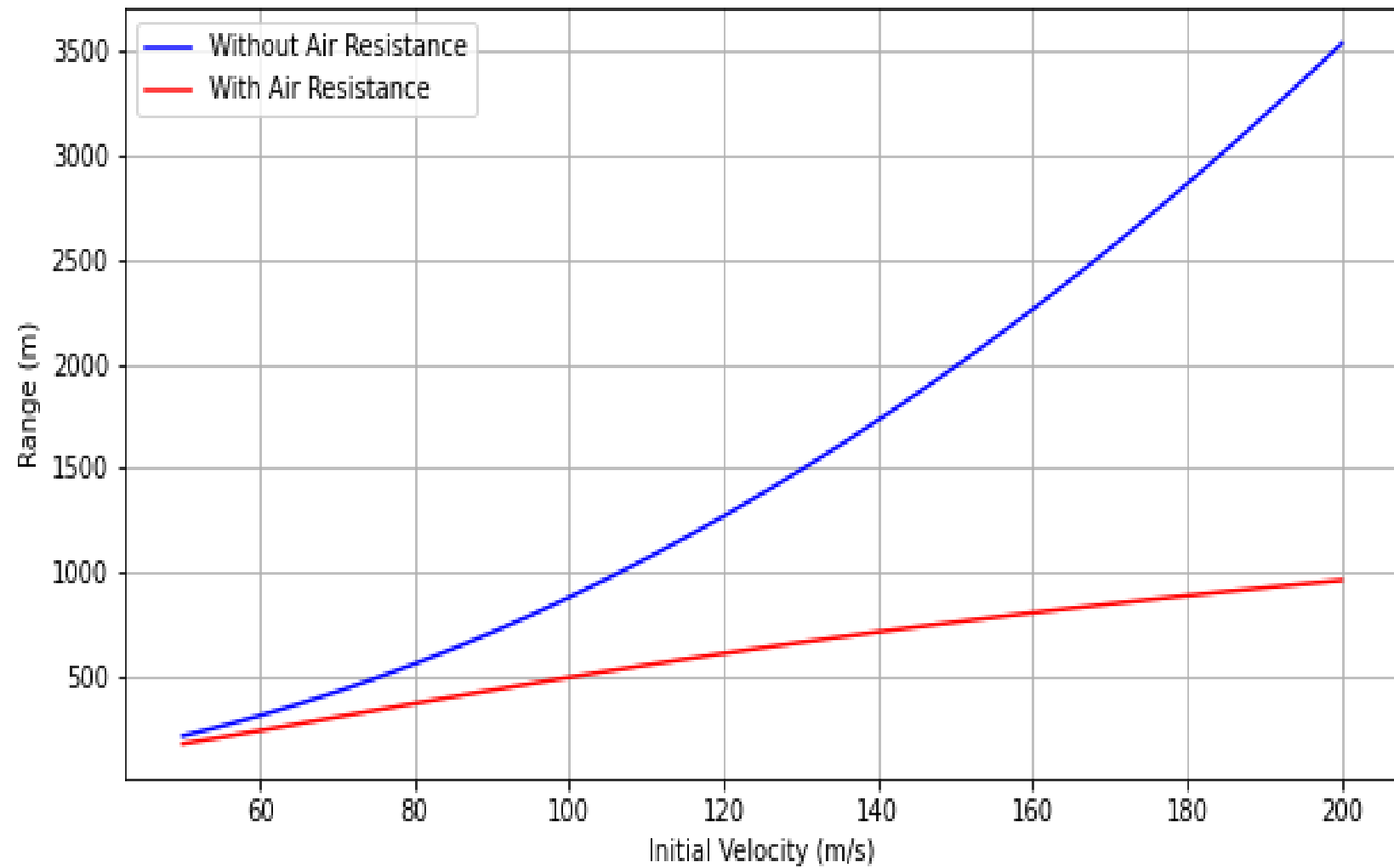Fractional Error of Numerical Integration vs. Analytical Result

Error Scaling with Step Size
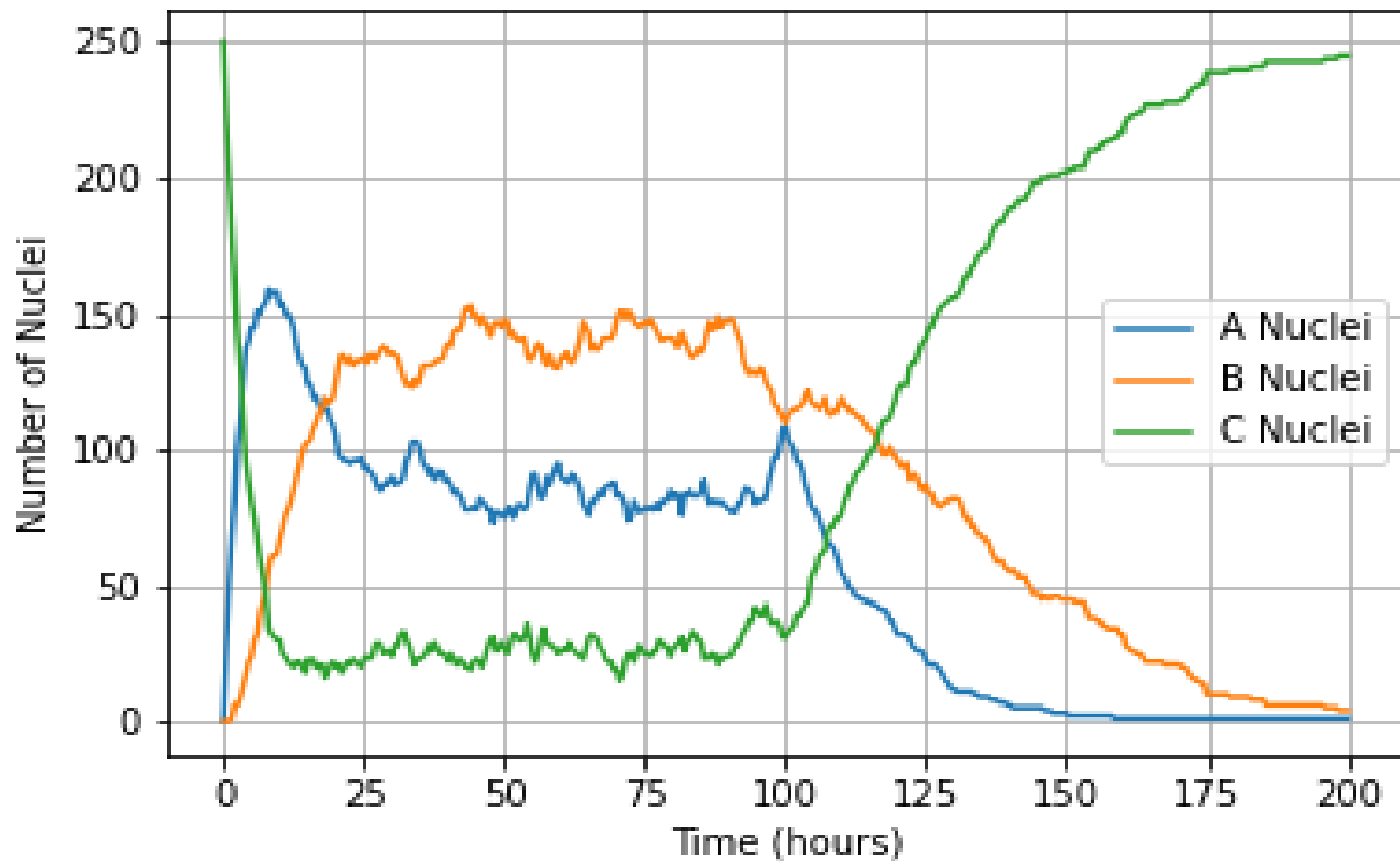
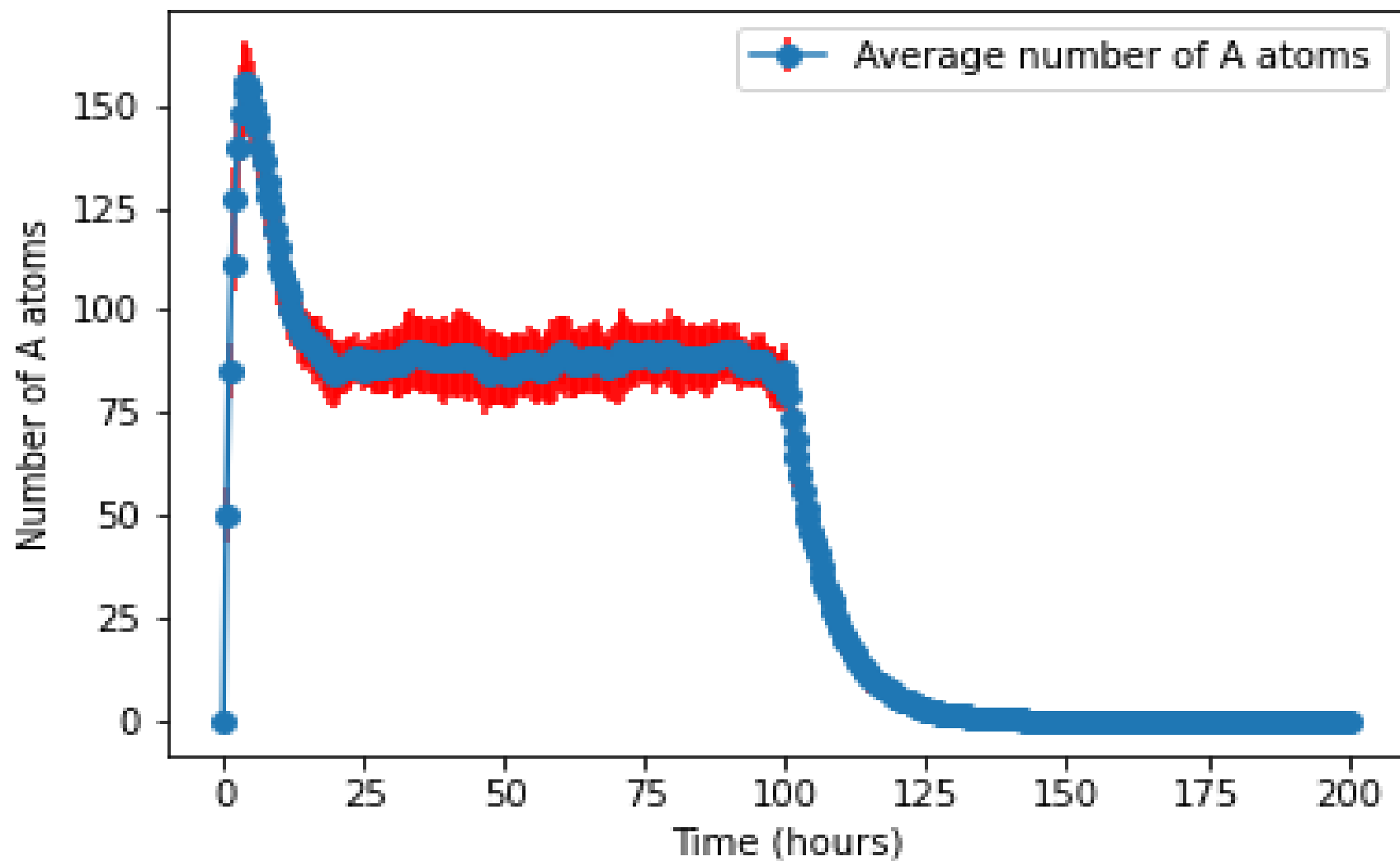Projectile Trajectories at Different Angles with $v_0 = 125$ m/s

Projectile Range vs Initial Velocity at 60°

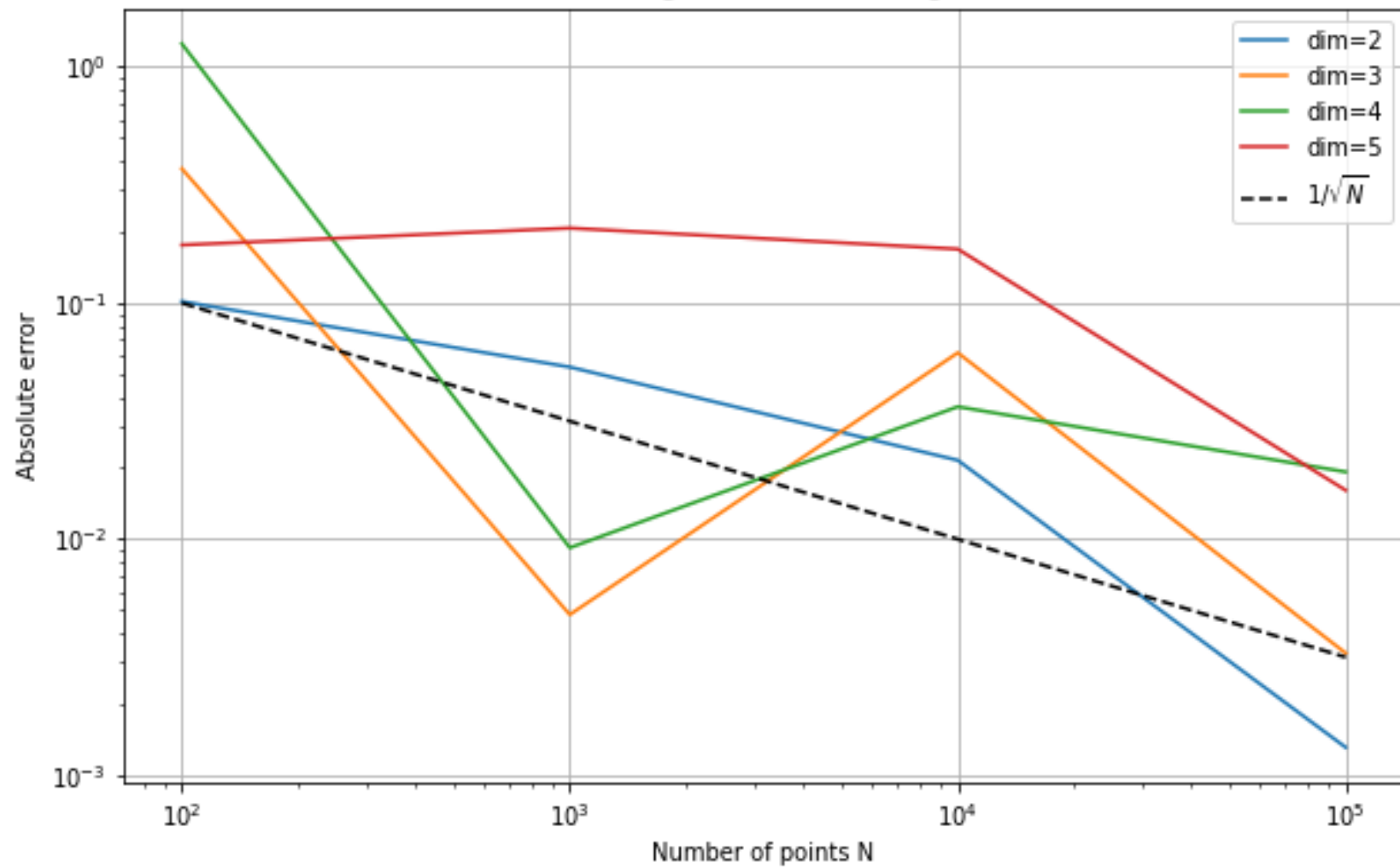Evolution of A, B and C Nuclei

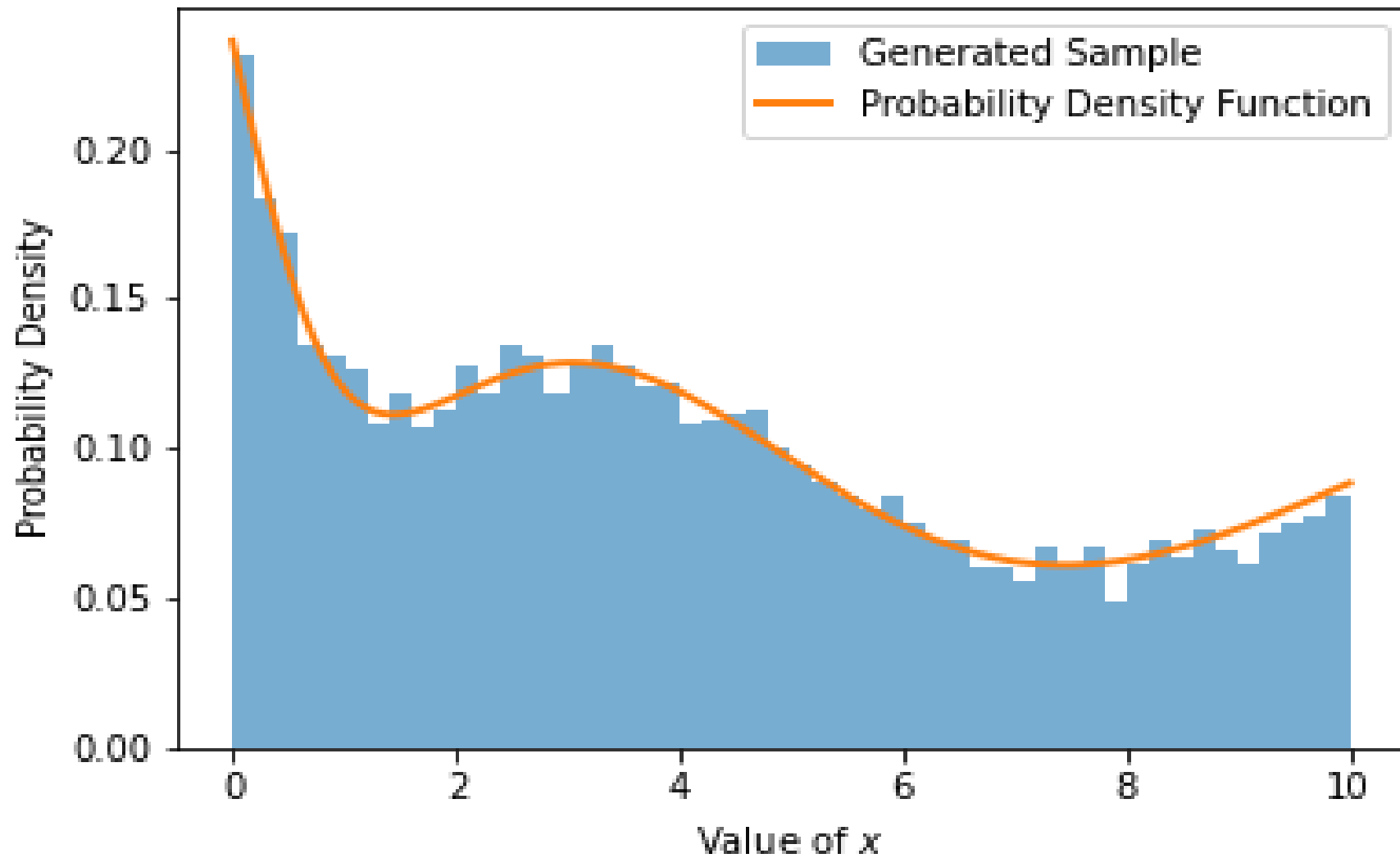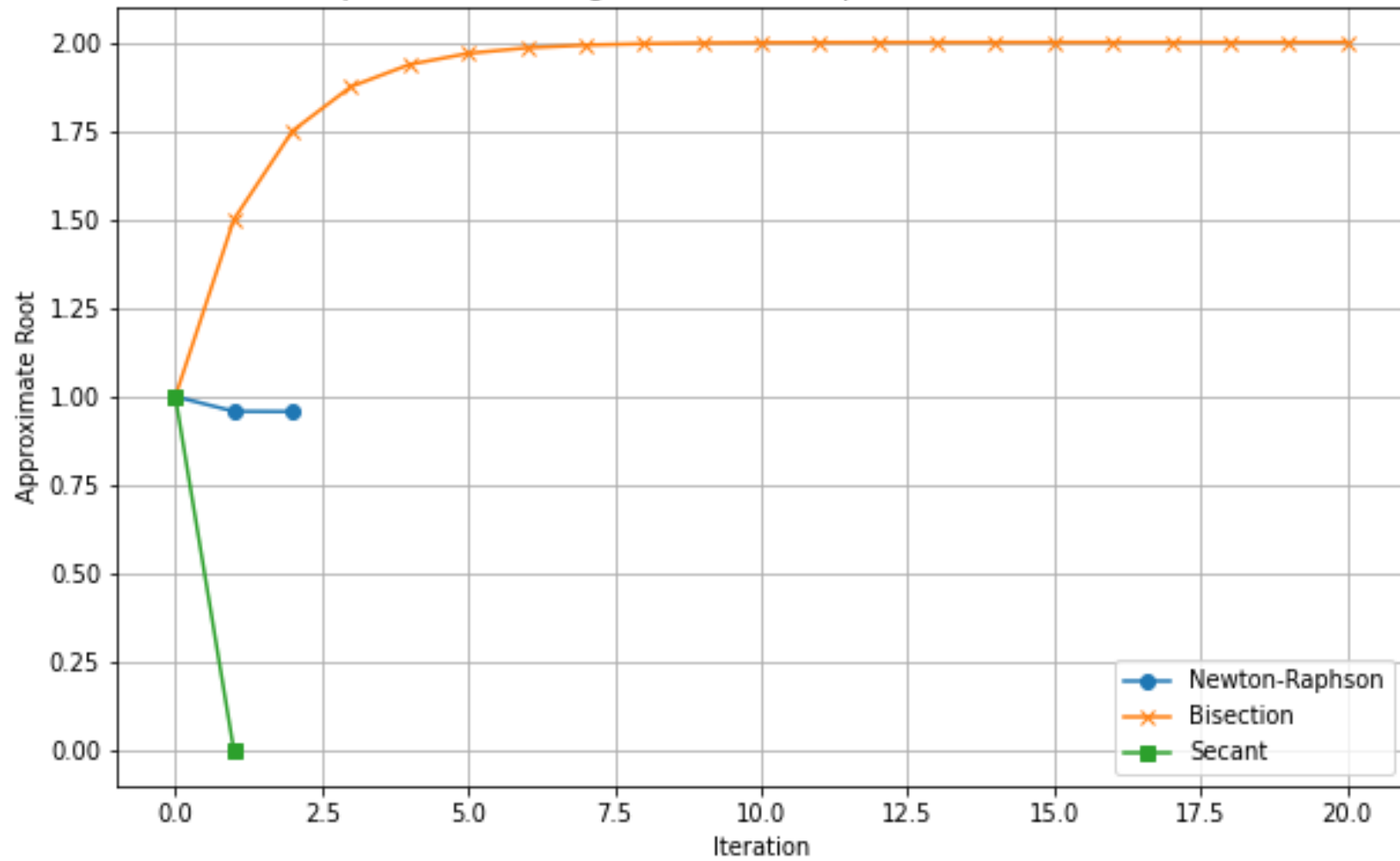Average and uncertainty on the number of A atoms over time

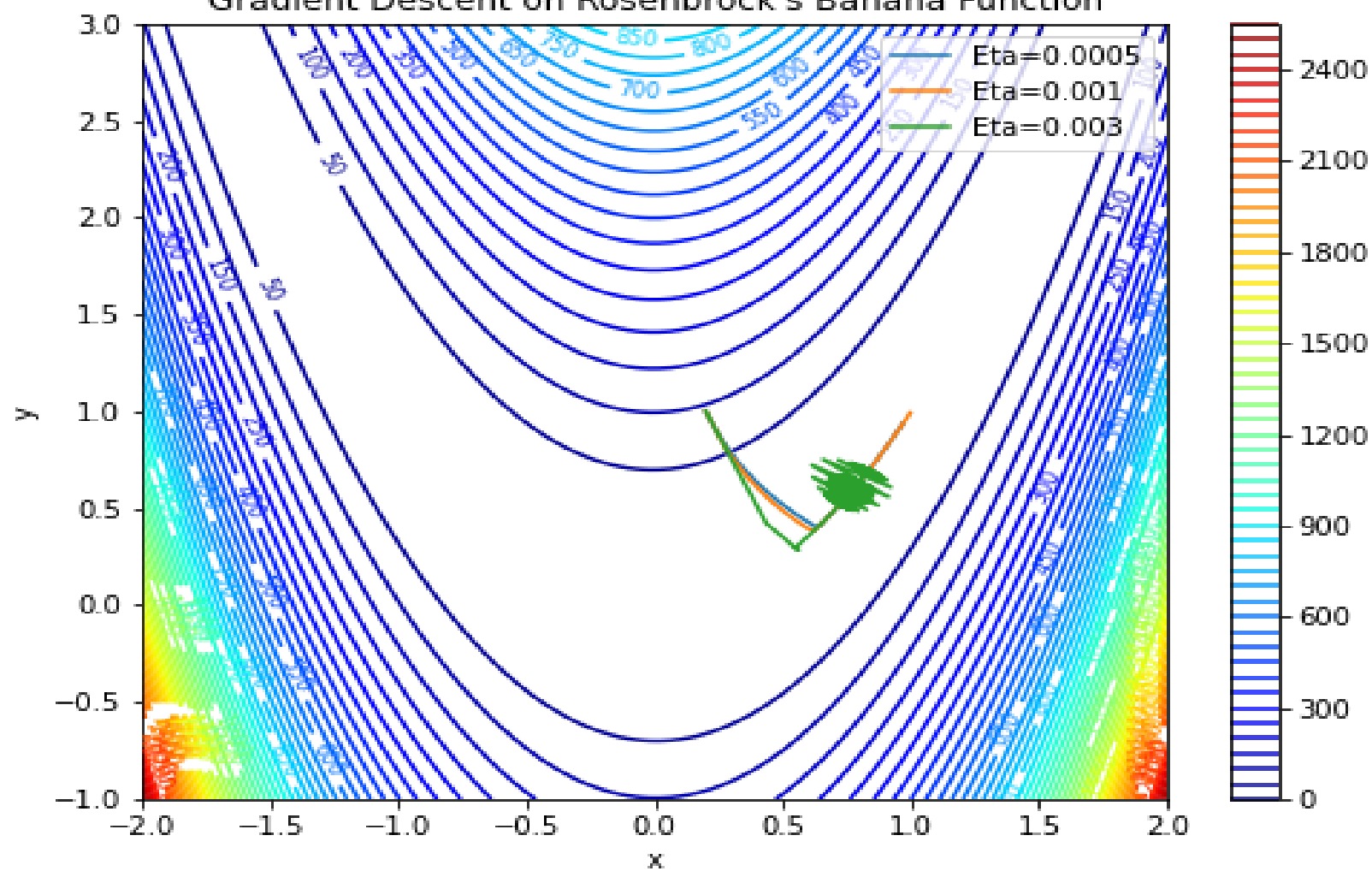Monte Carlo Integration Error Scaling with $1/\sqrt{N}$
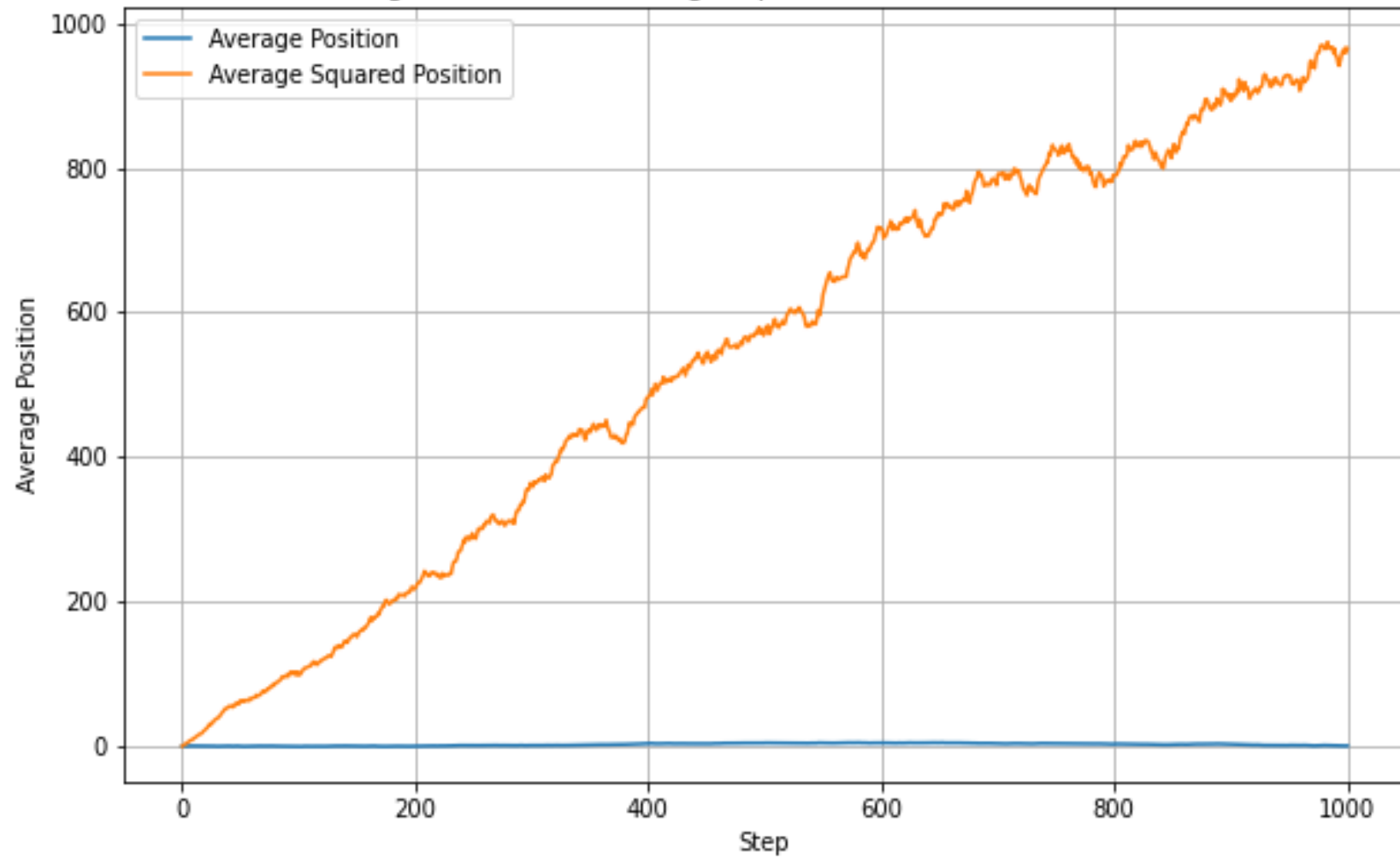
Generated Values Distribution

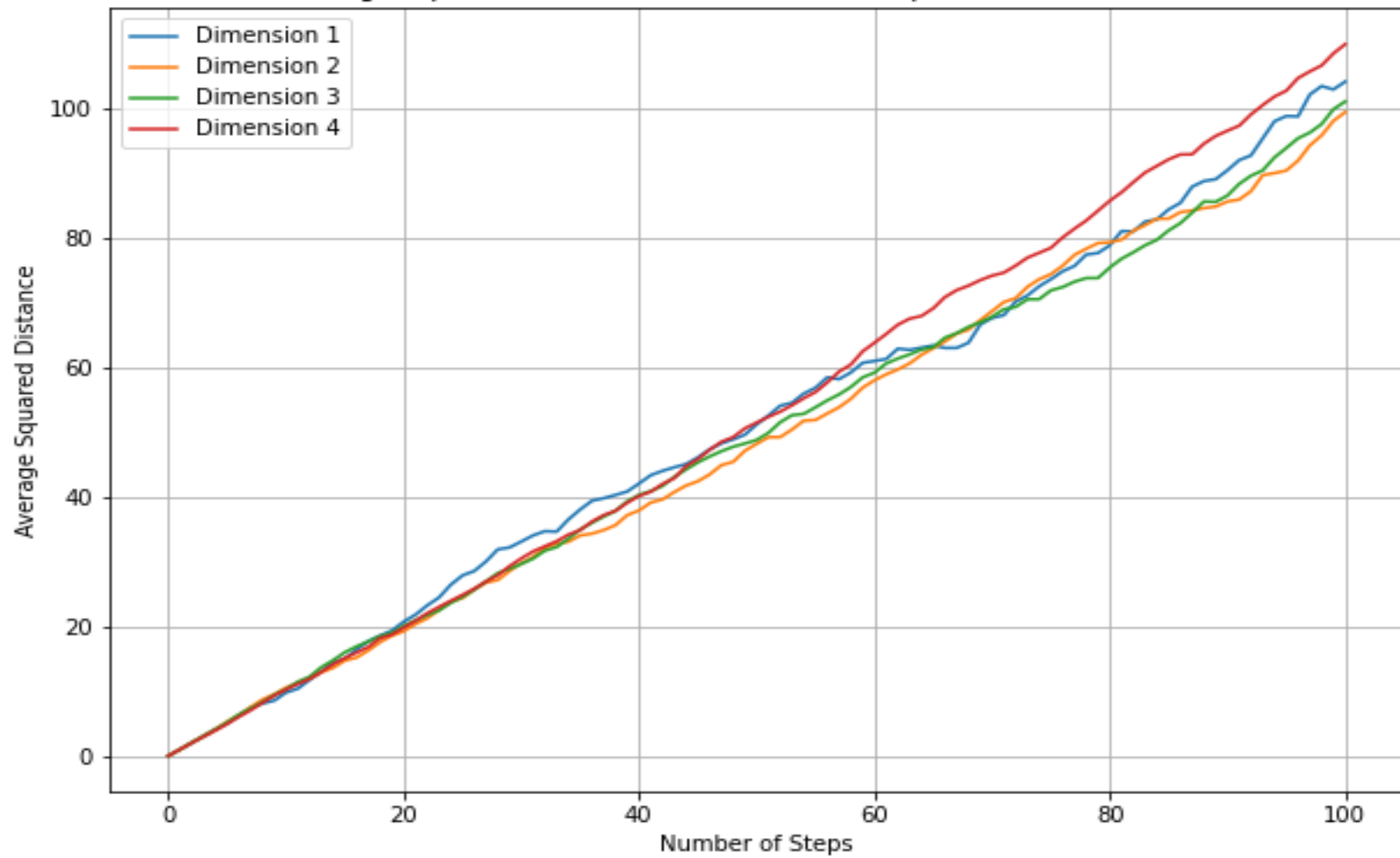Comparison of Convergence: Newton-Raphson vs Bisection vs Secant
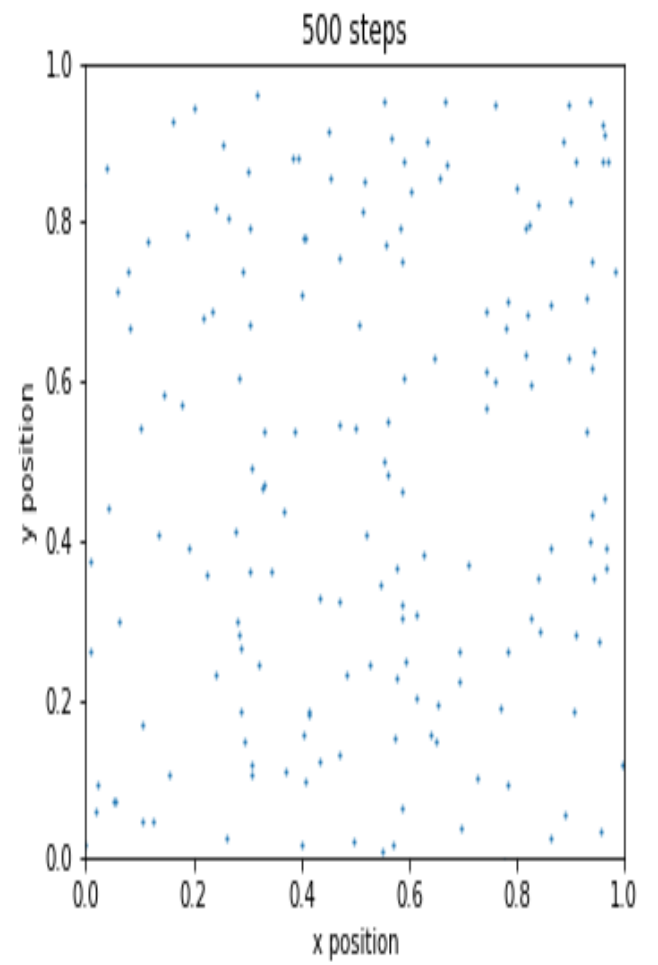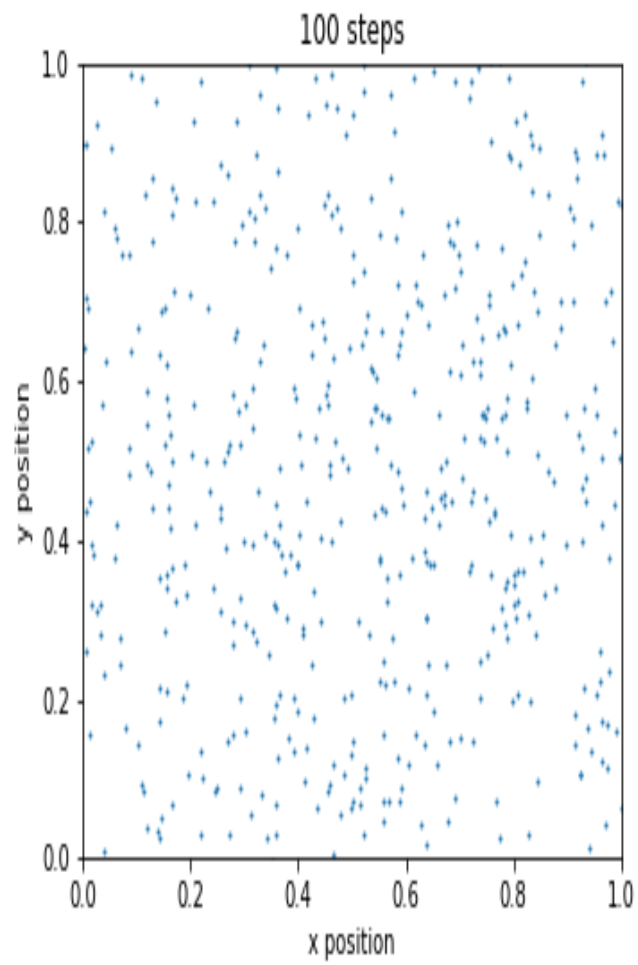
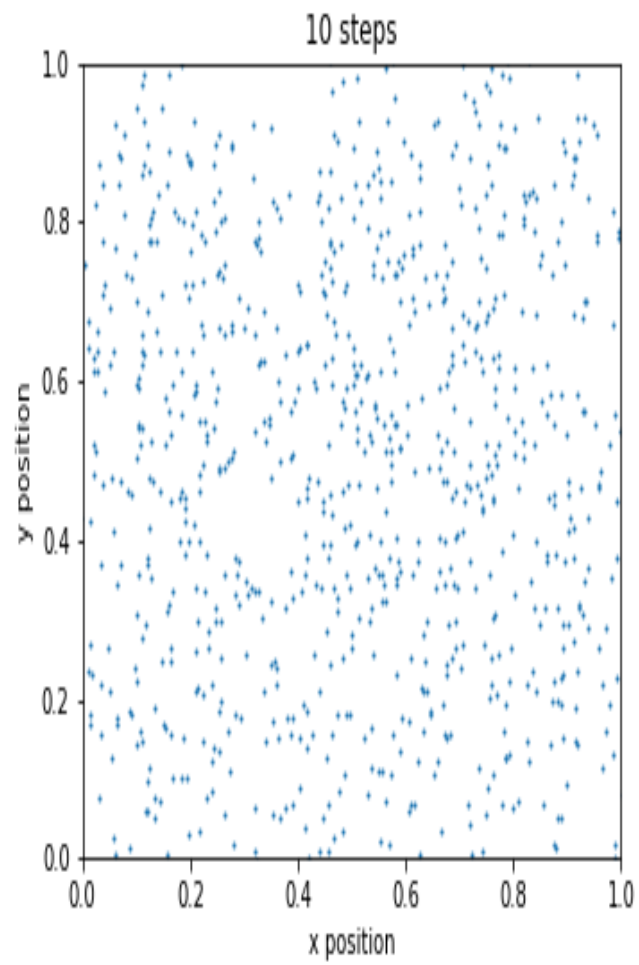Gradient Descent on Rosenbrock's Banana Function

Average Position and Average Squared Position of 100 1D Walkers

Average Squared Distance vs. Number of Steps for Random Walkers

Diffusion of Particles in a Unit Square

| 10 steps | 100 steps | 500 steps |

AI?