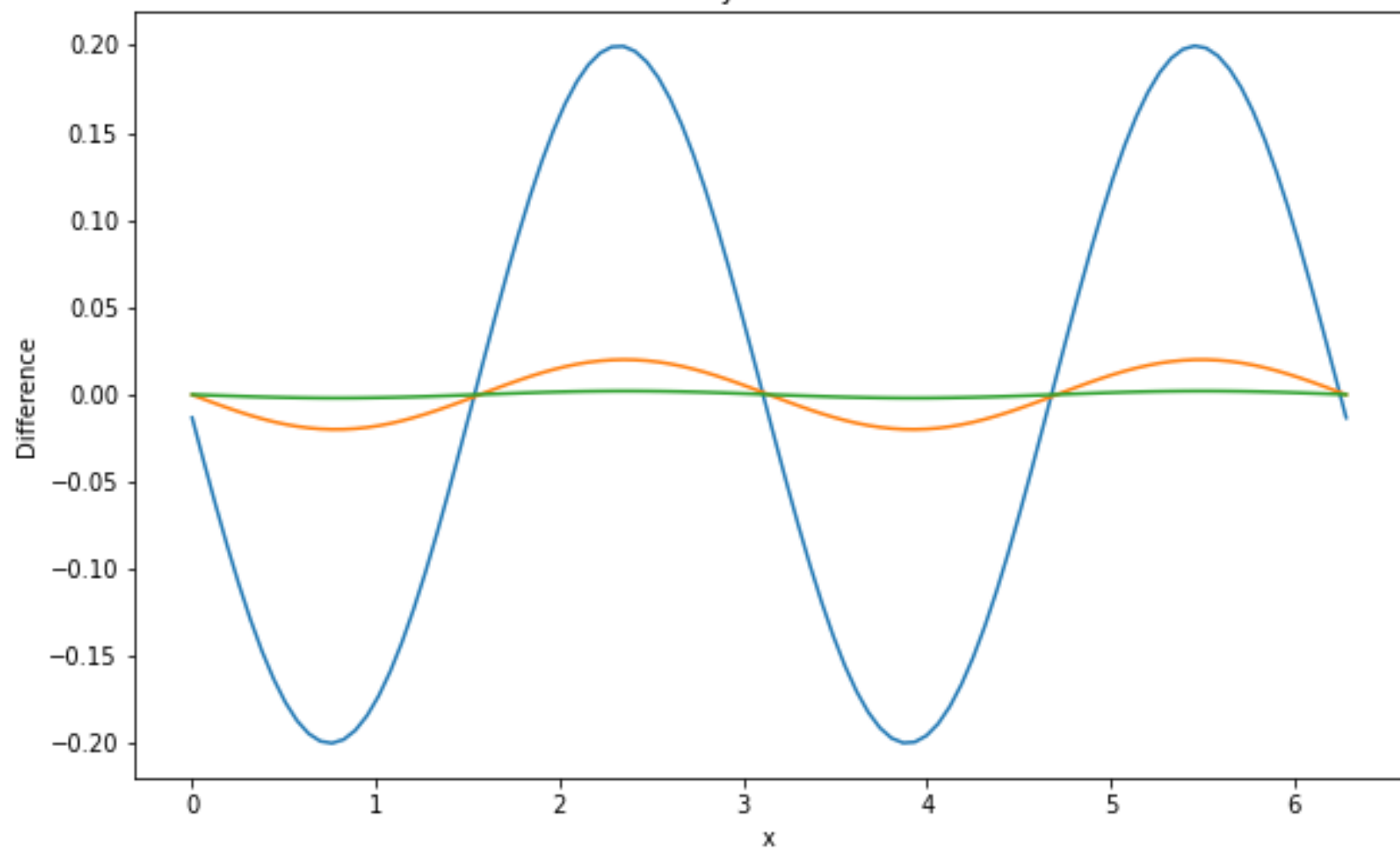
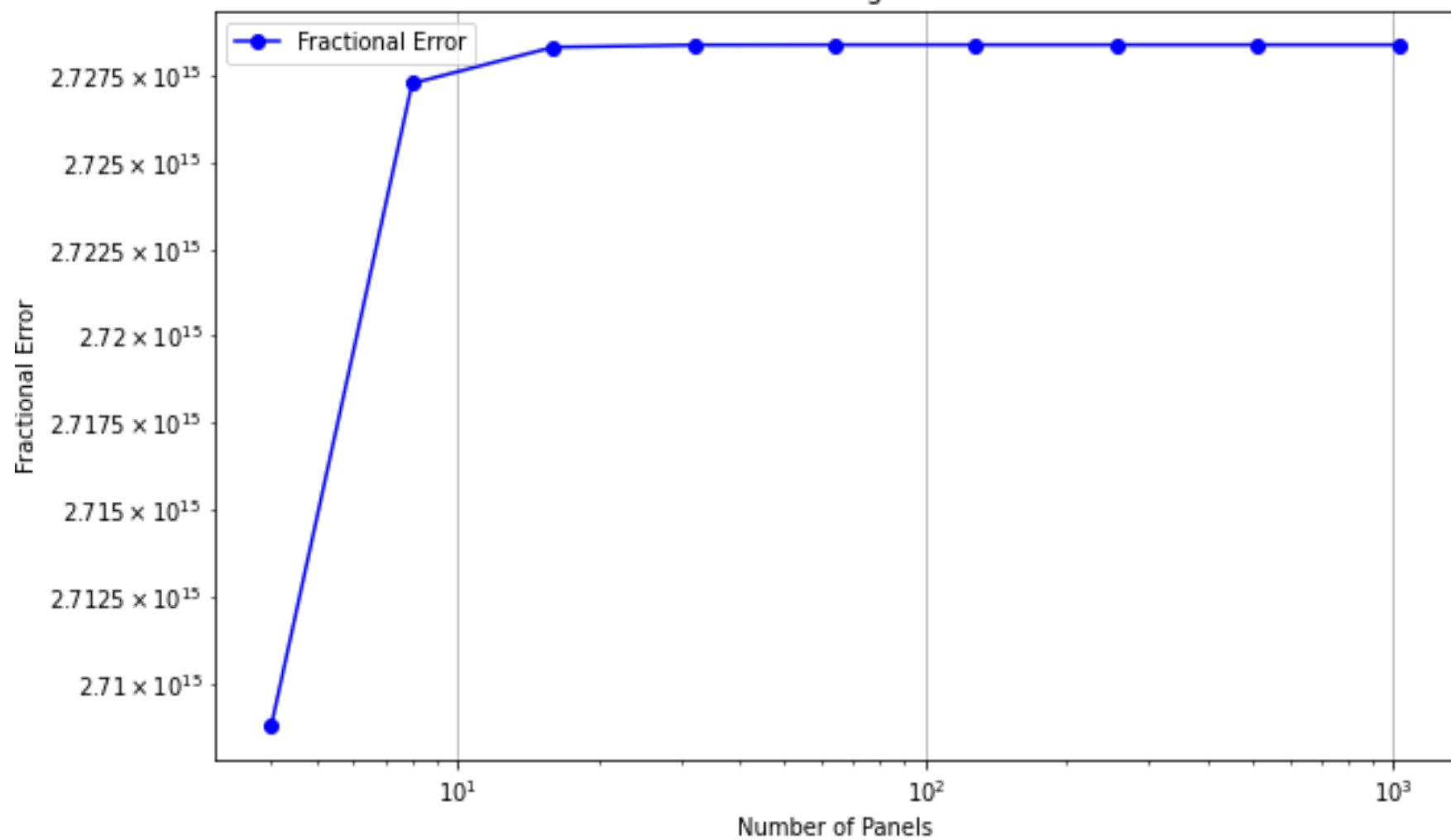


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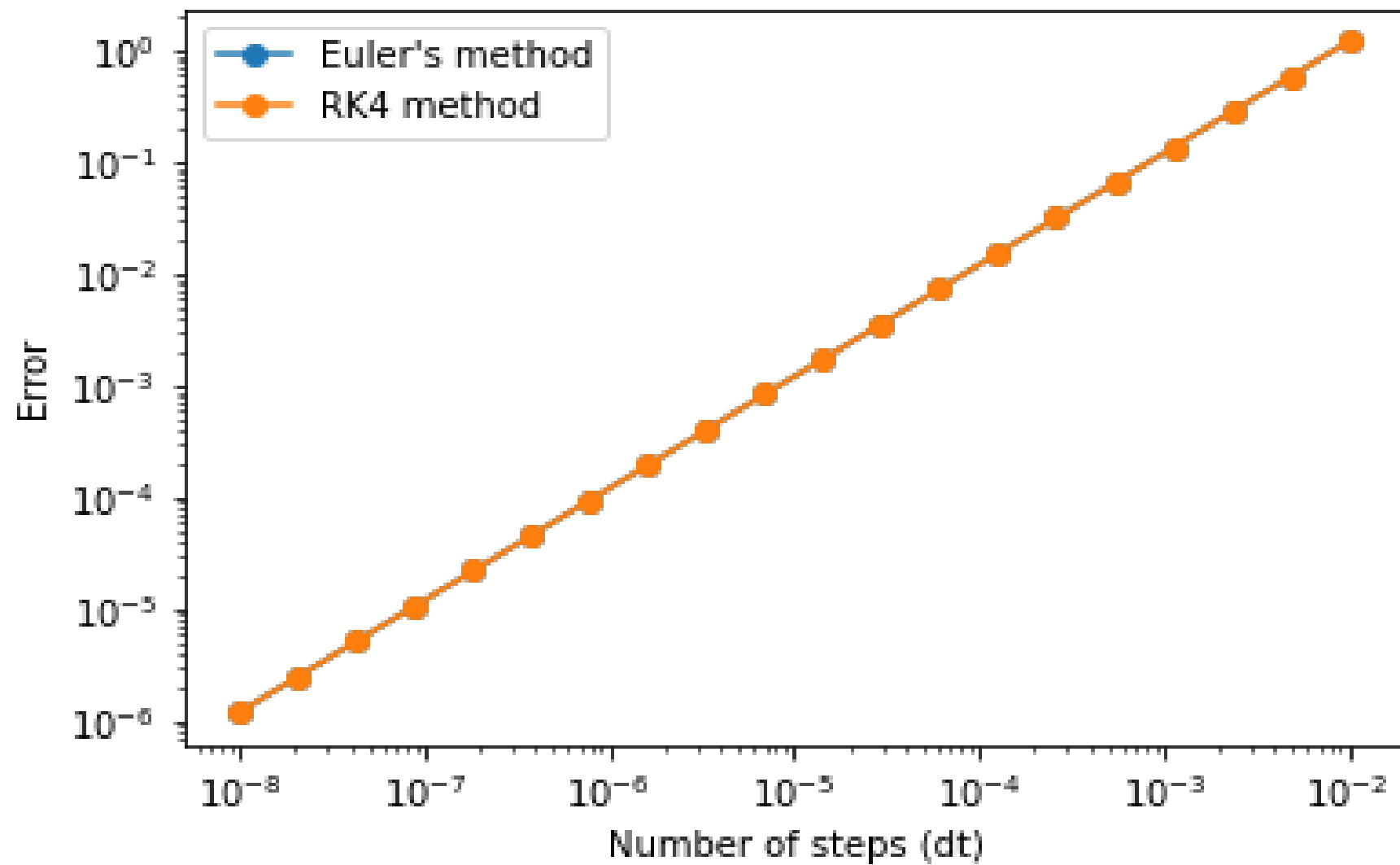
Difference between Analytical and Numerical Derivative



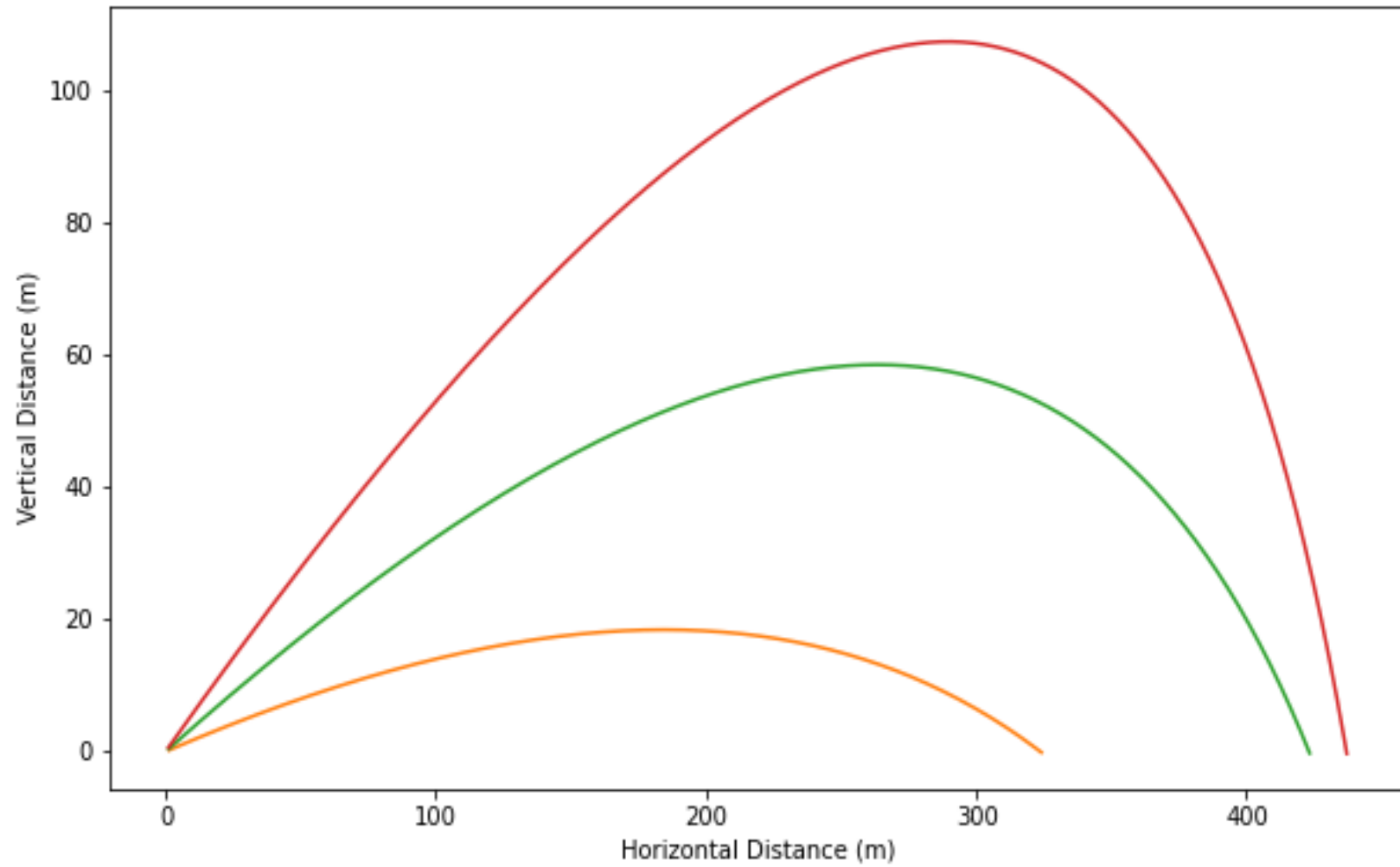
Fractional Error in Numerical Integration vs Number of Panels



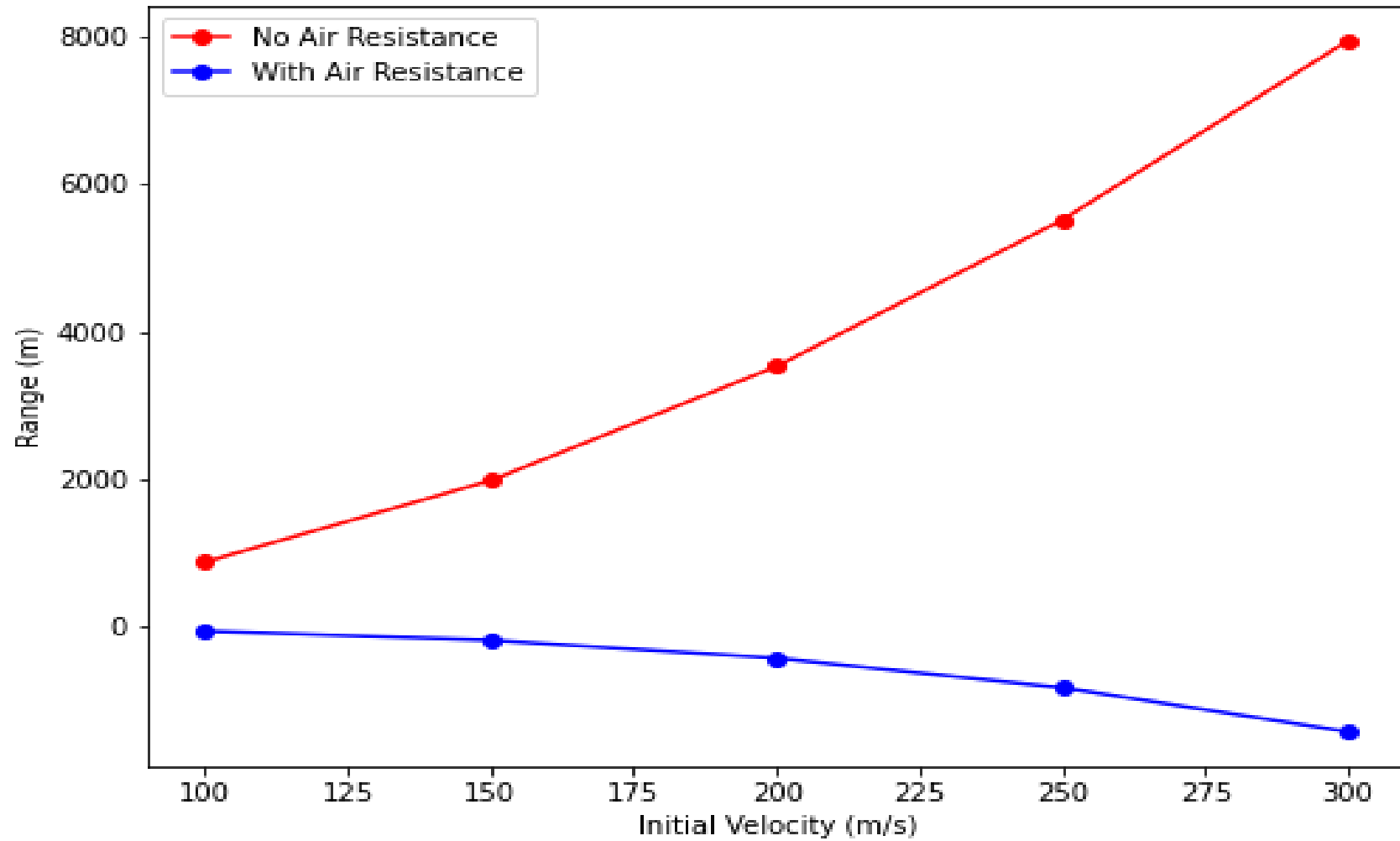
Comparison of Errors in Euler's and RK4 Methods

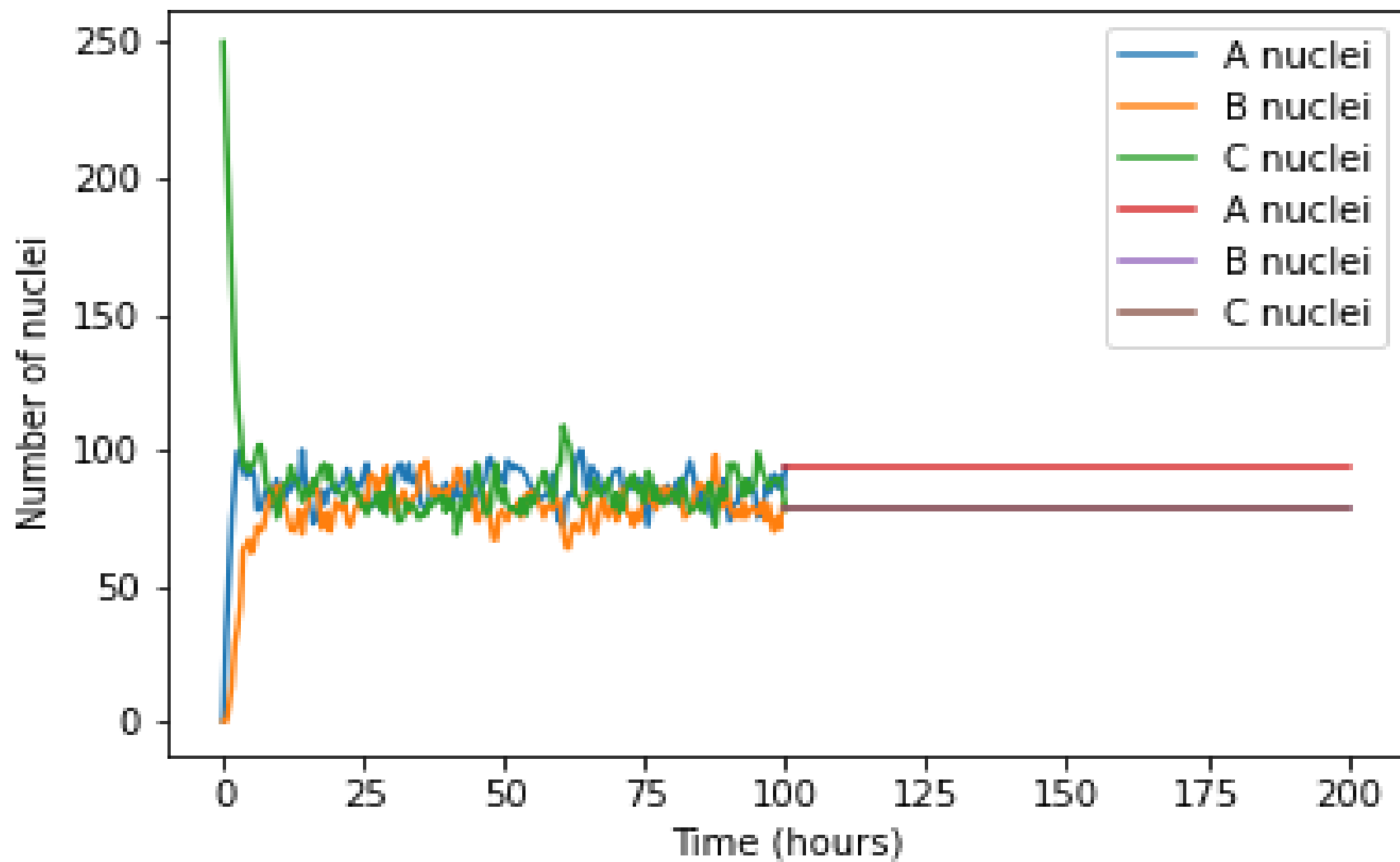


Projectile Trajectories for Different Initial Angles

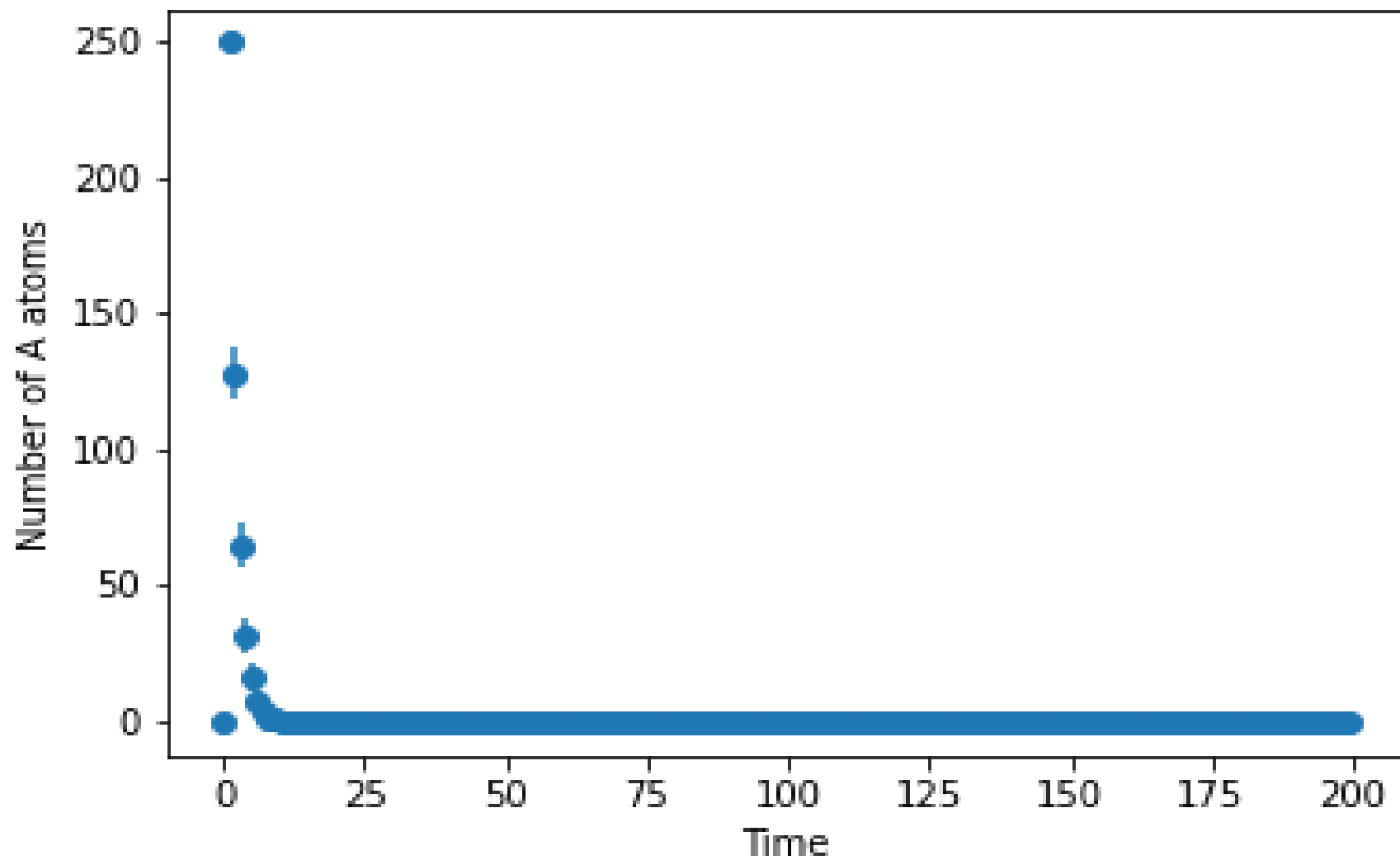


Effect of Initial Velocity on Projectile Range

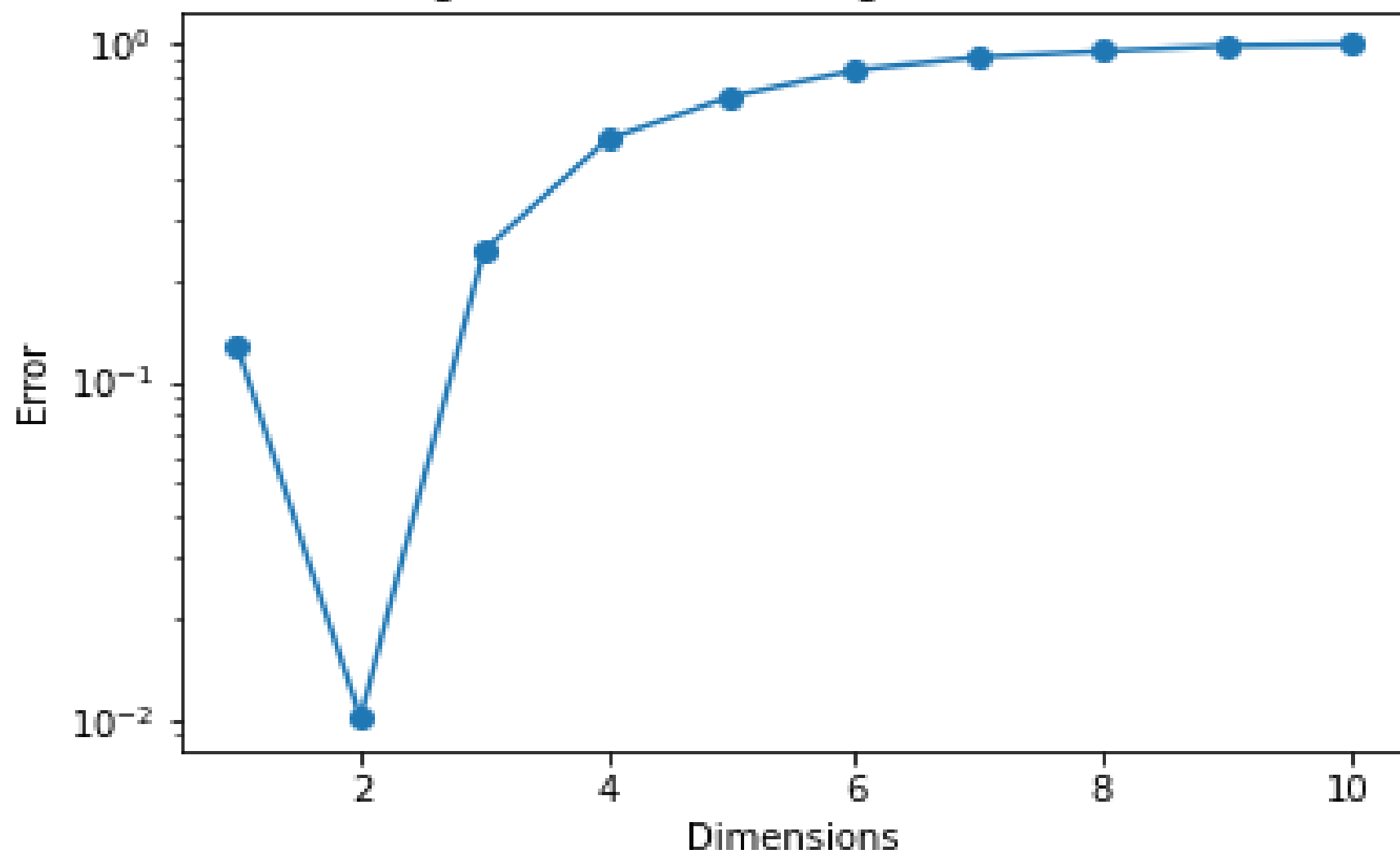




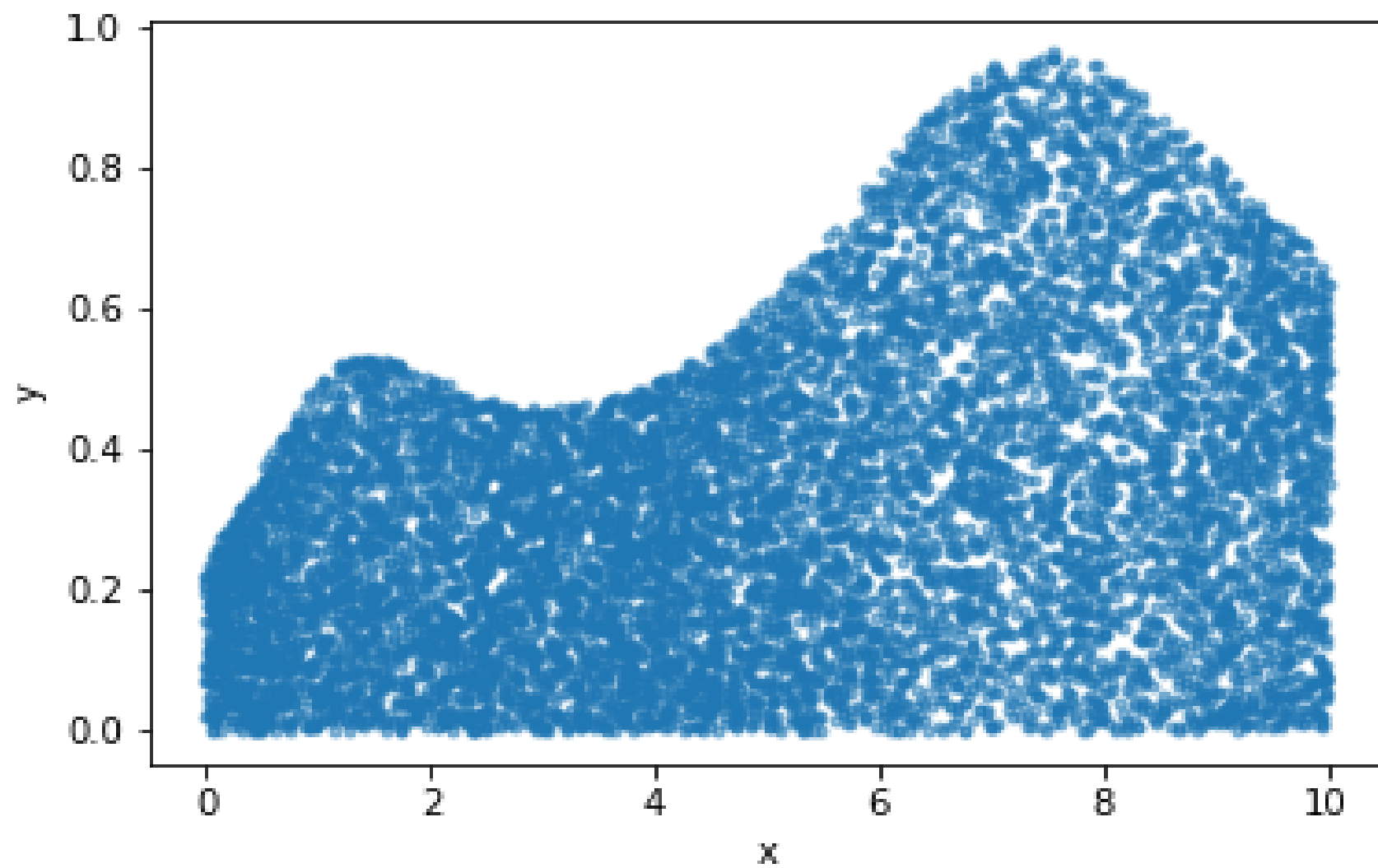
Number of A atoms as a function of time



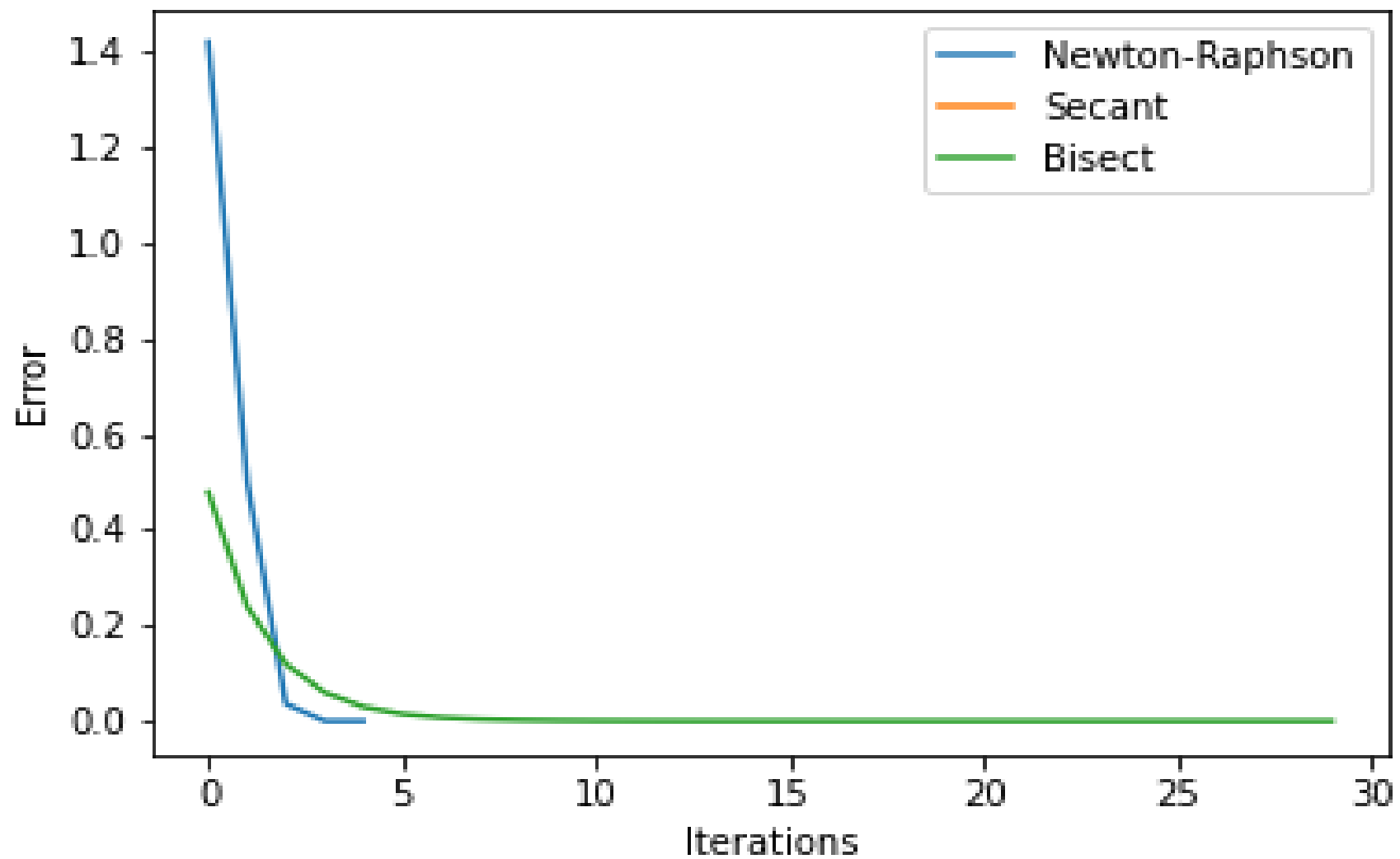
Integration Error Scaling with Dimension



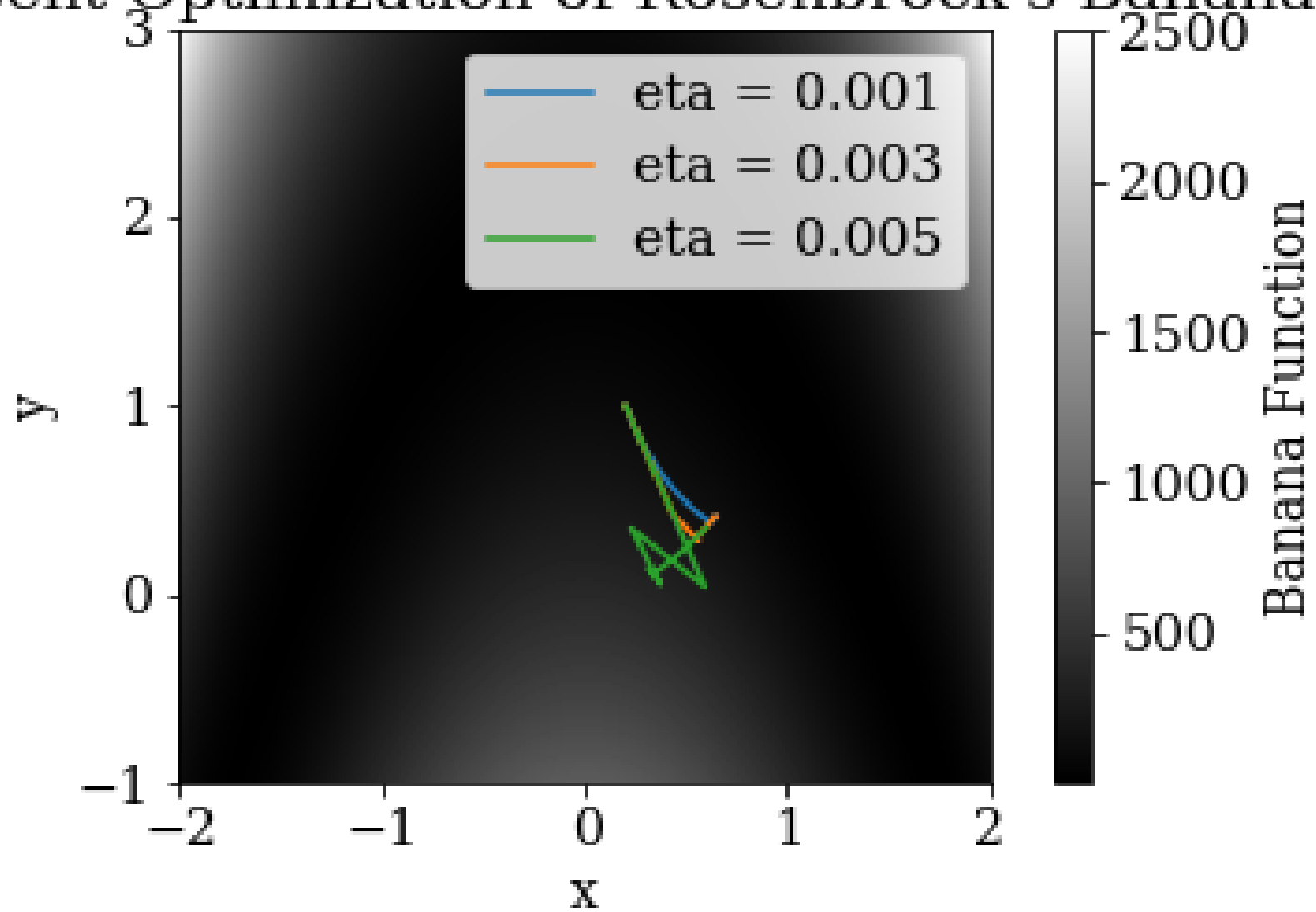
Distribution of Generated Values



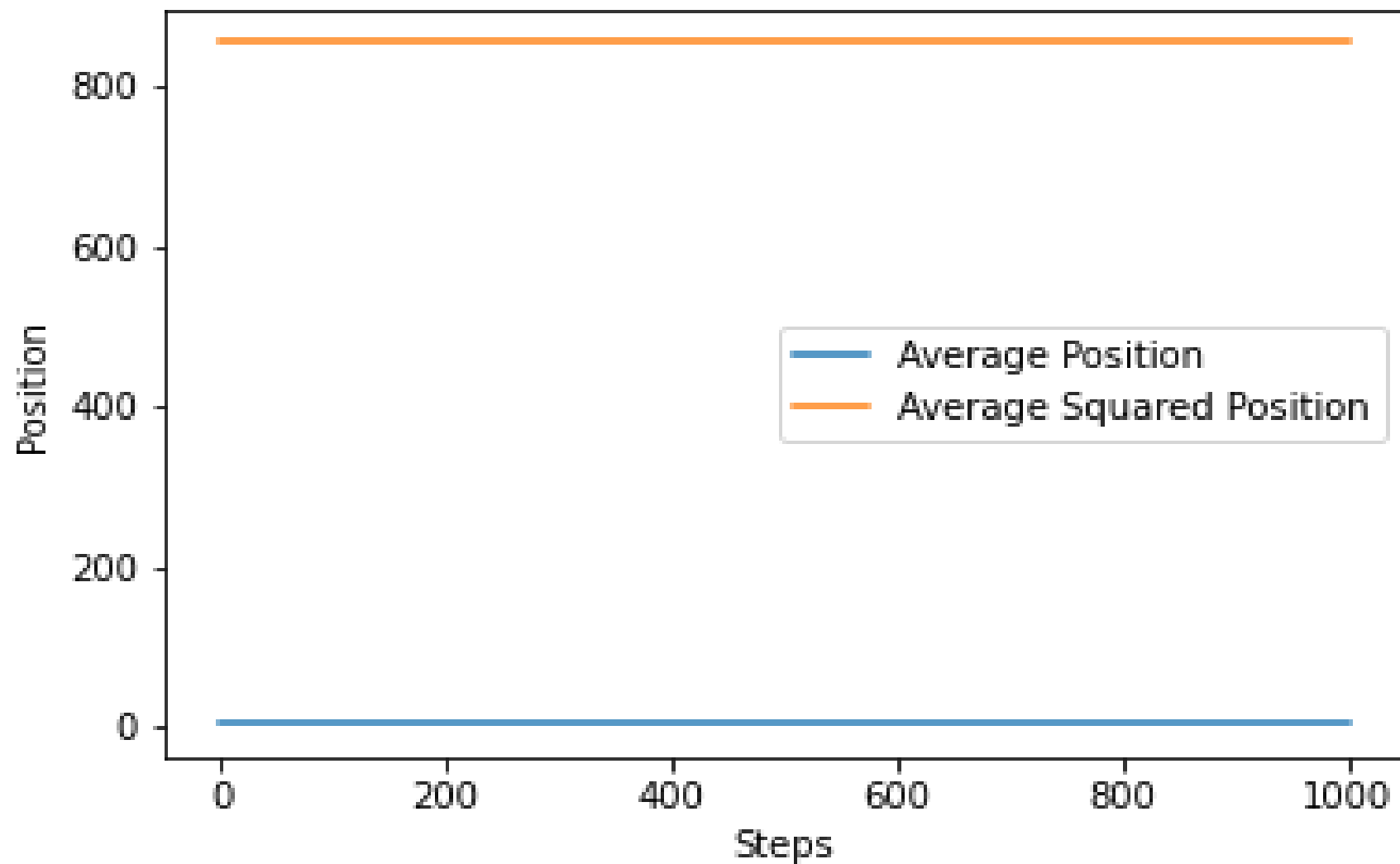
Convergence of Root-Finding Methods



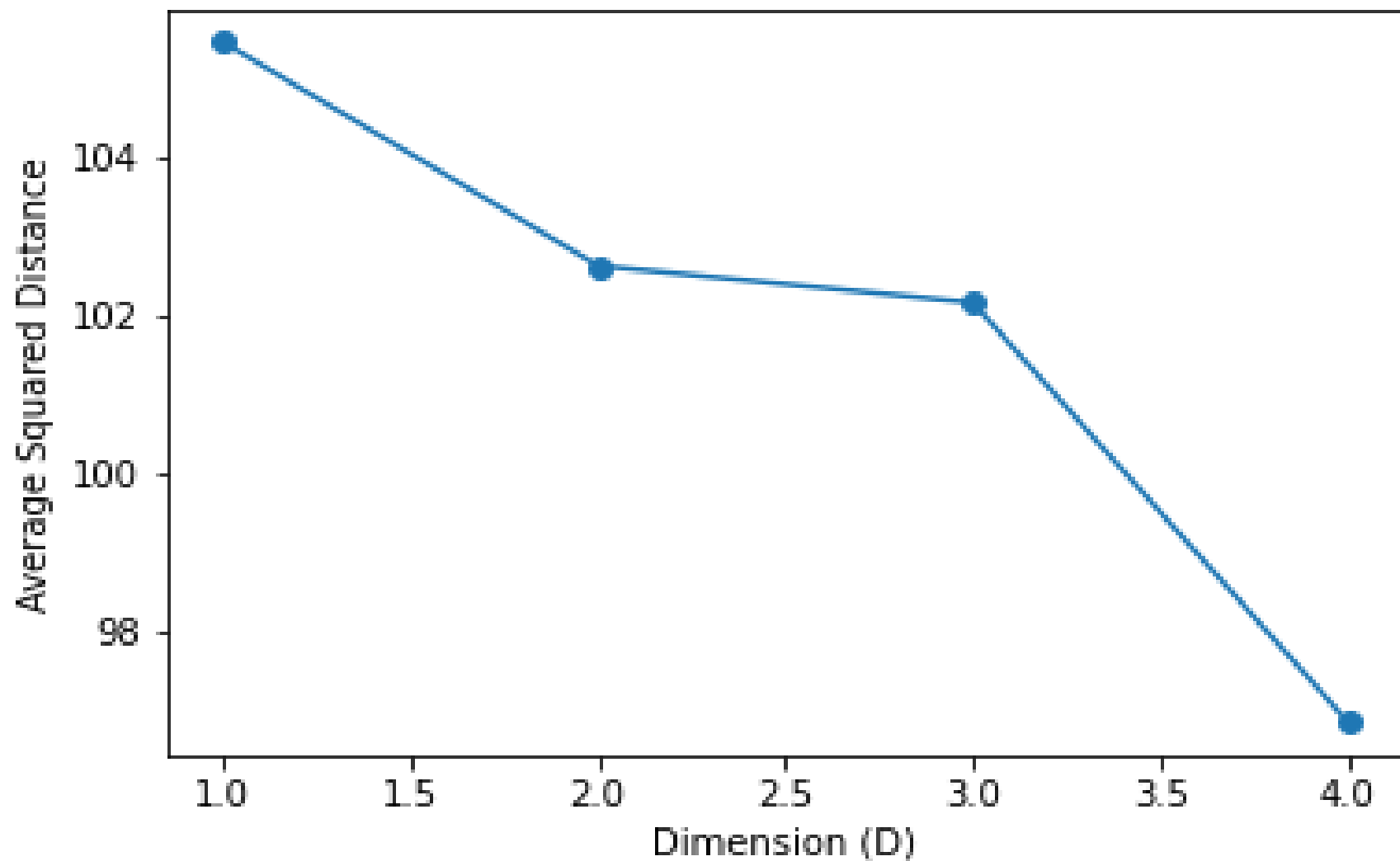
Gradient Descent Optimization of Rosenbrock's Banana Function



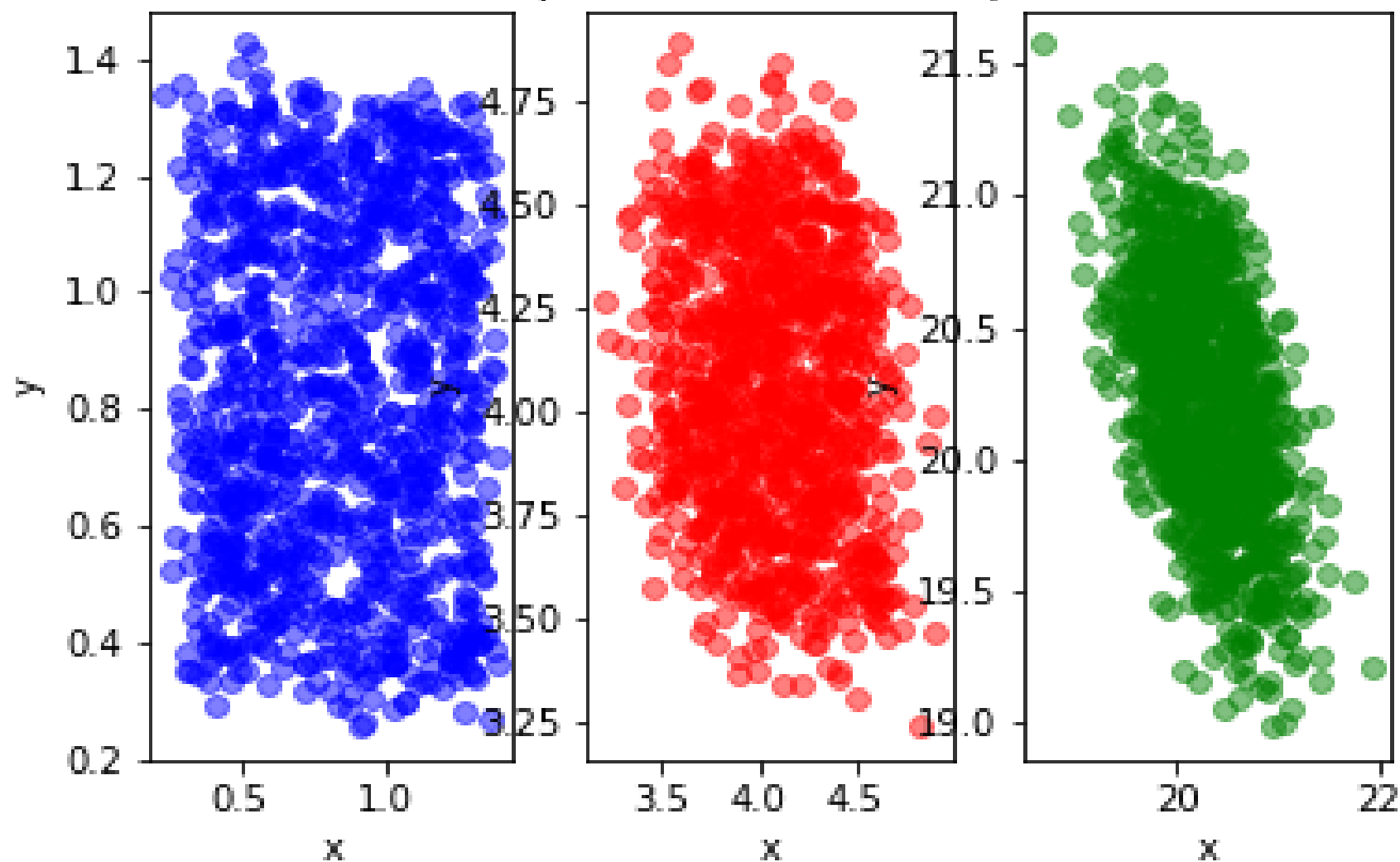
Movement of 1D Walkers



Average Squared Distance vs Dimensionality of Movement



Particles after 10 steps Particles after 100 steps Particles after 500 steps



AI?