The thermal velocity is

Vth =

   1.8702e+05

The Mean Free Path is

ans =

   3.7404e-08

The Calculated Mean Free Path is
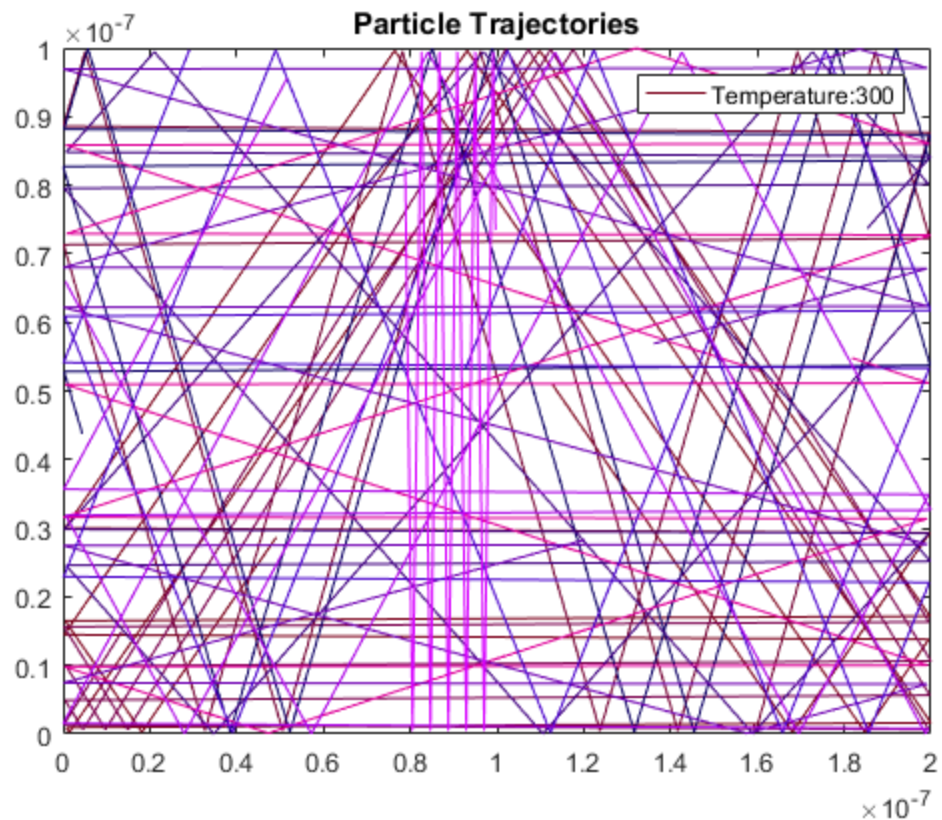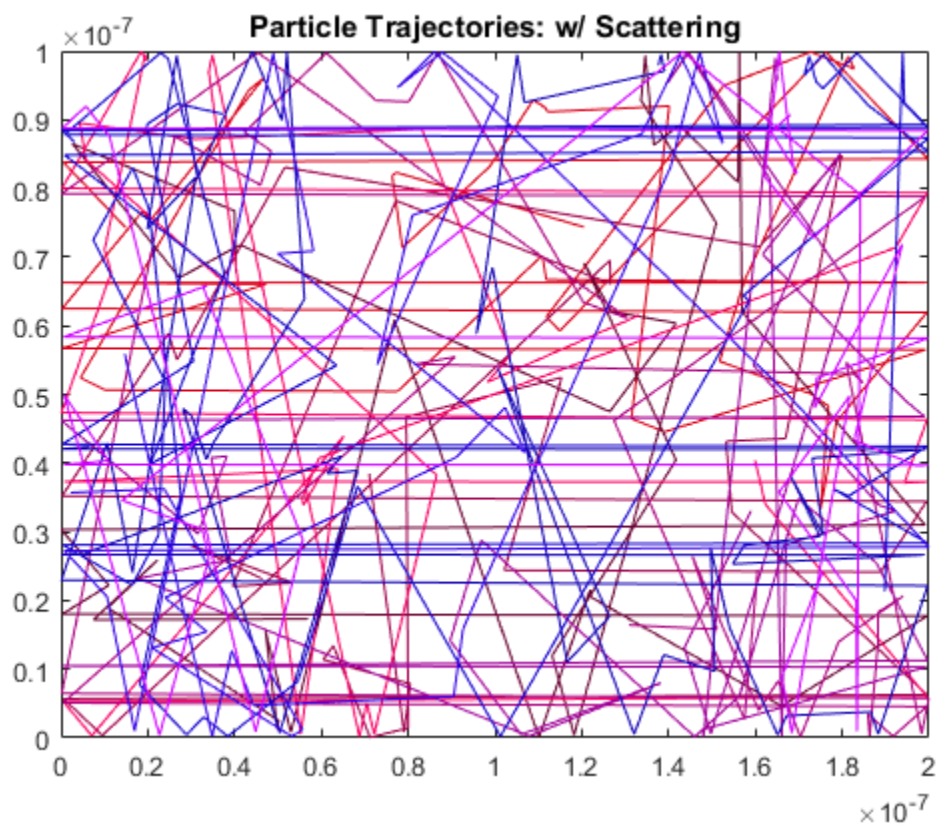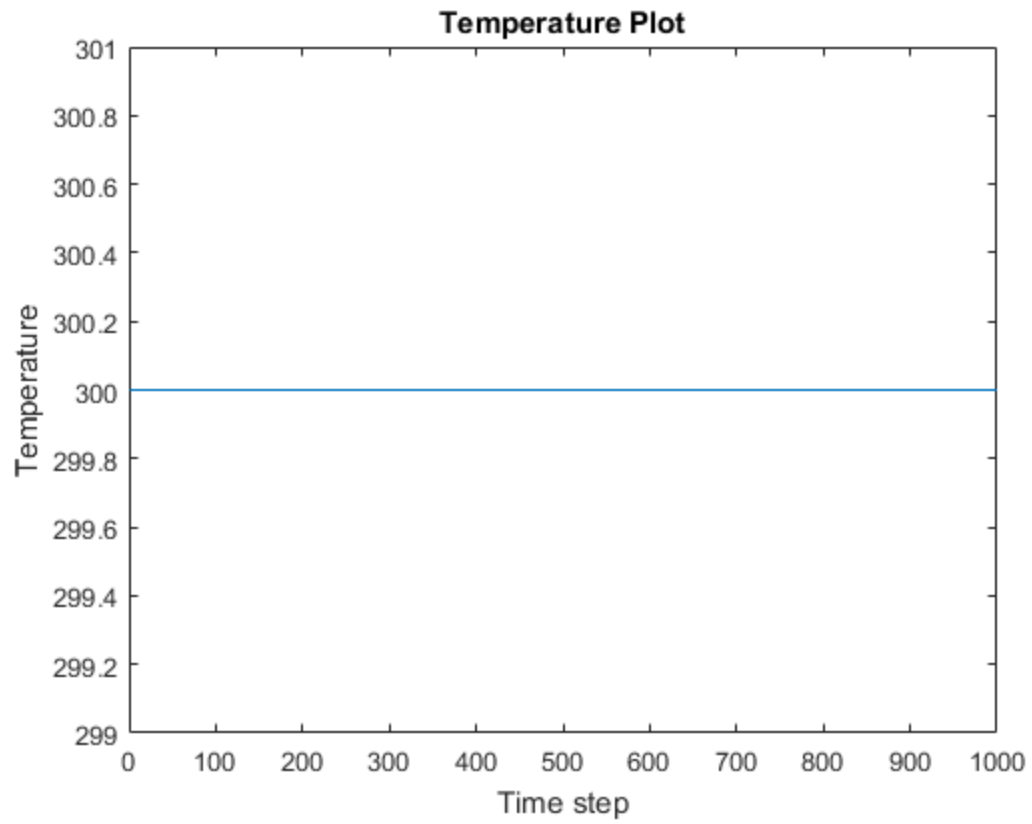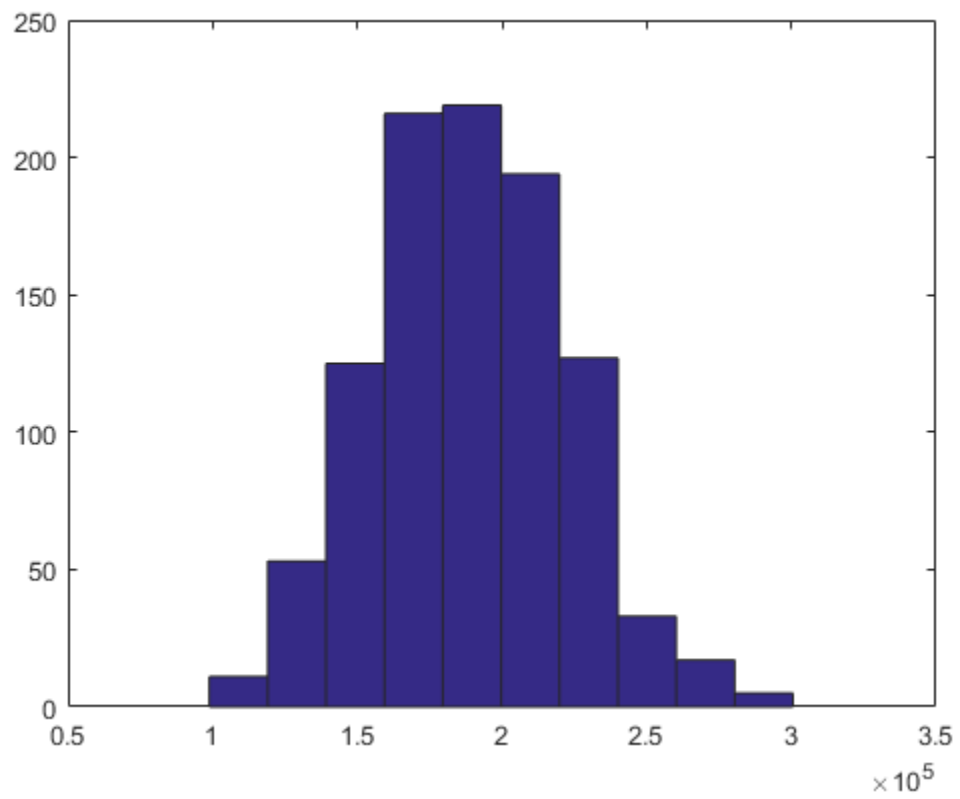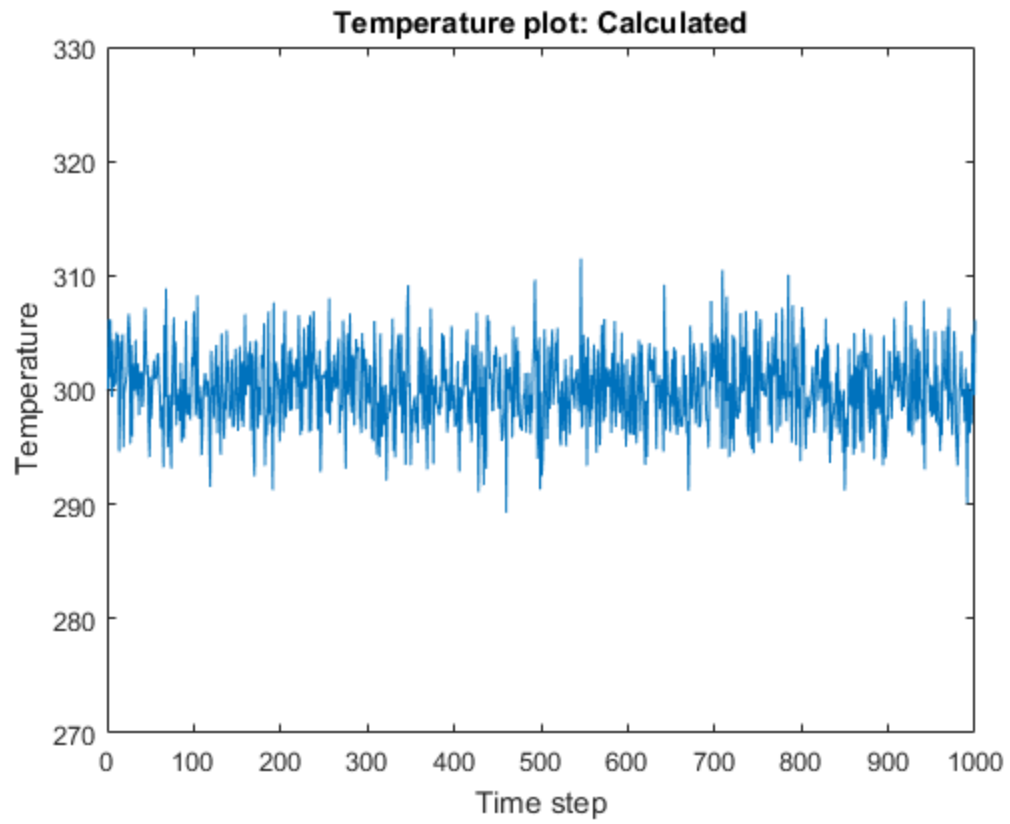
MFP =

   3.8144e-08

The Calculated Mean Time Between Collisions is

MTBCavg =
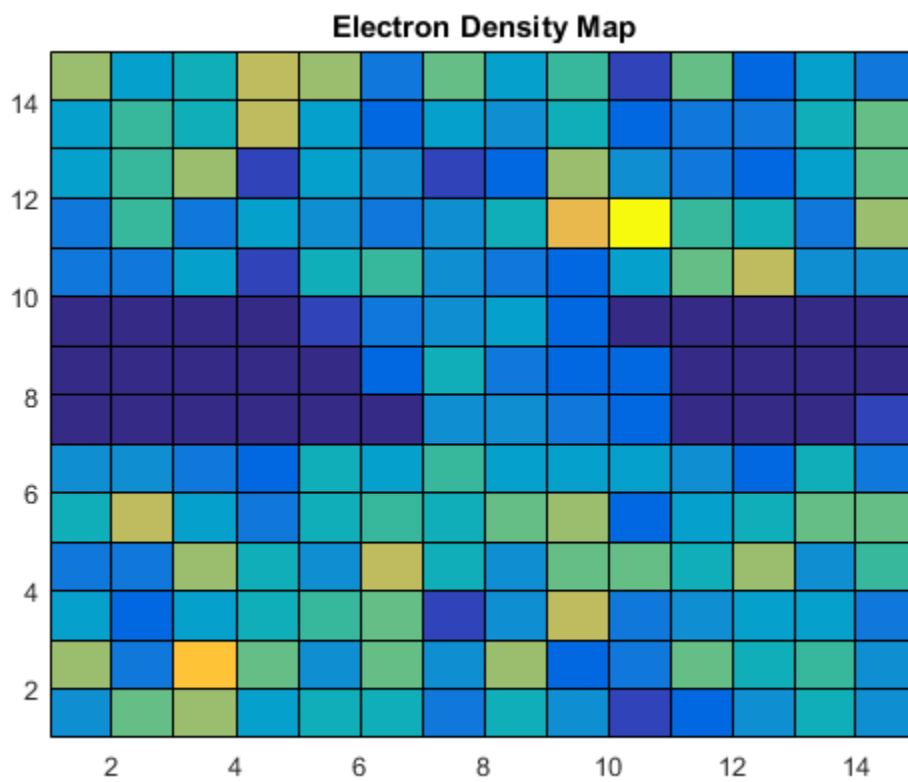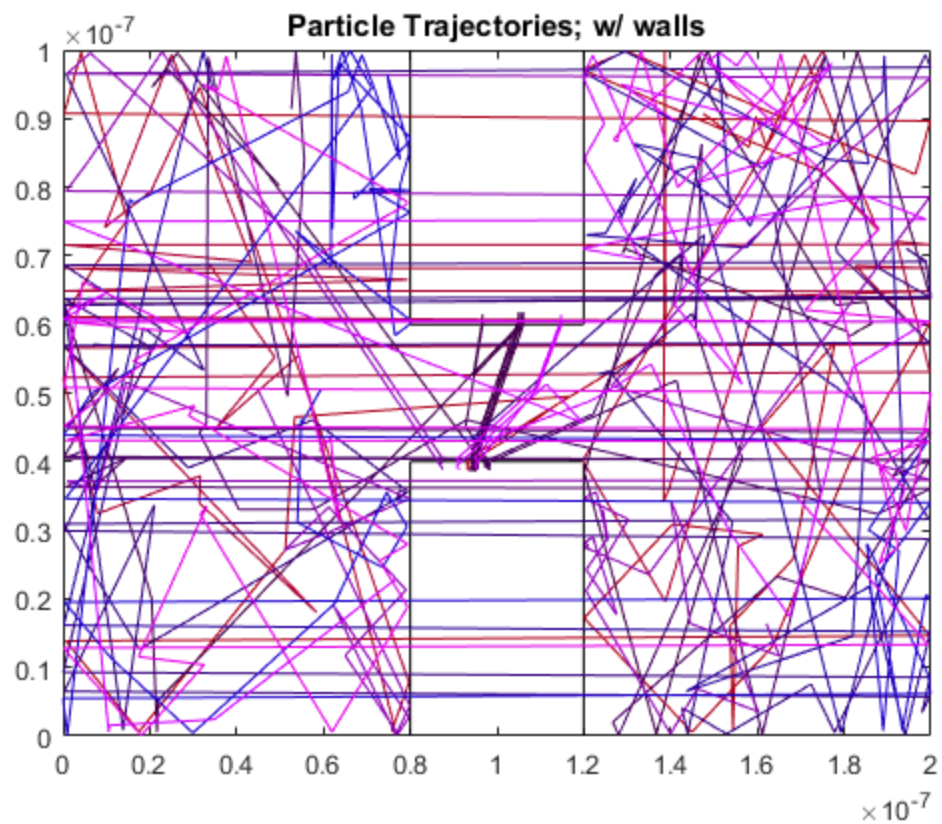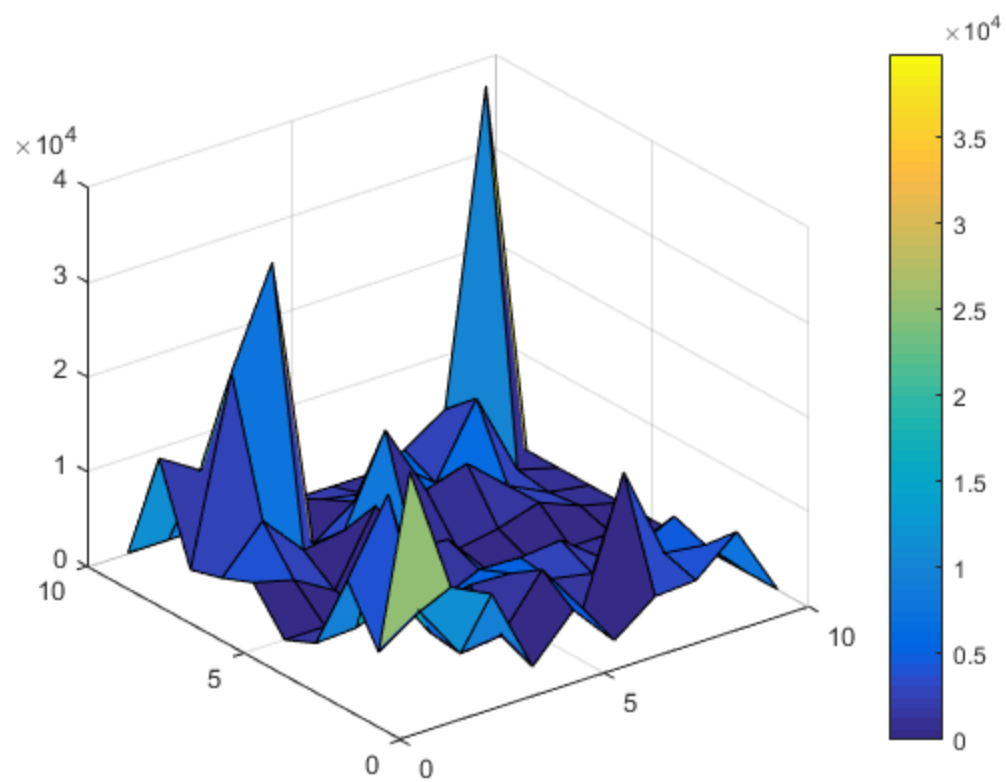
   2.0191e-13

Temperature Plot

Particle Trajectories: w/ Scattering

Temperature plot: Calculated

Particle Trajectories; w/ walls

Electron Density Map

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