Assignment 1

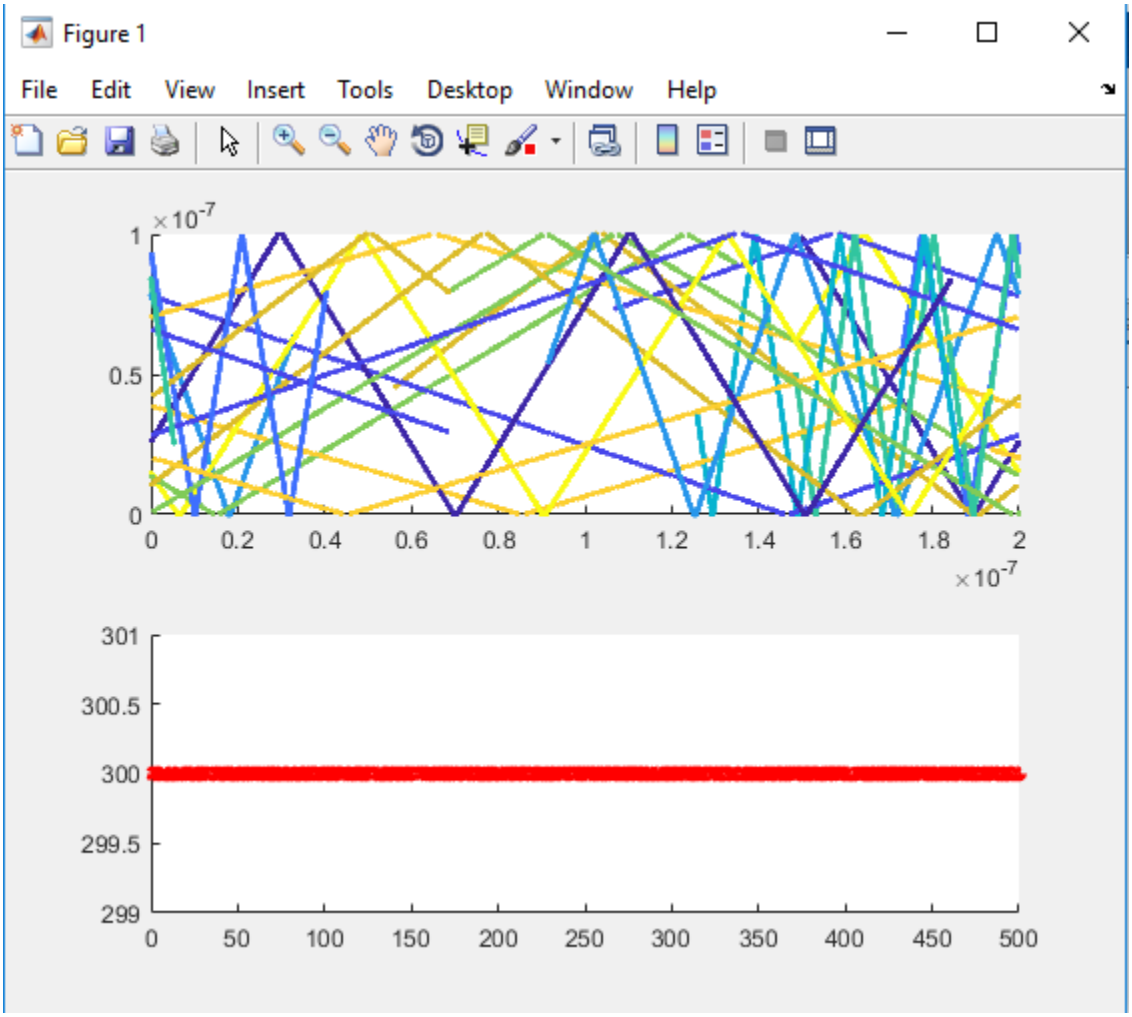
Part 1

1. `vth = sqrt((k*T)/mn)=` 1.273967186478192e+05 m/s

2. Mean free path

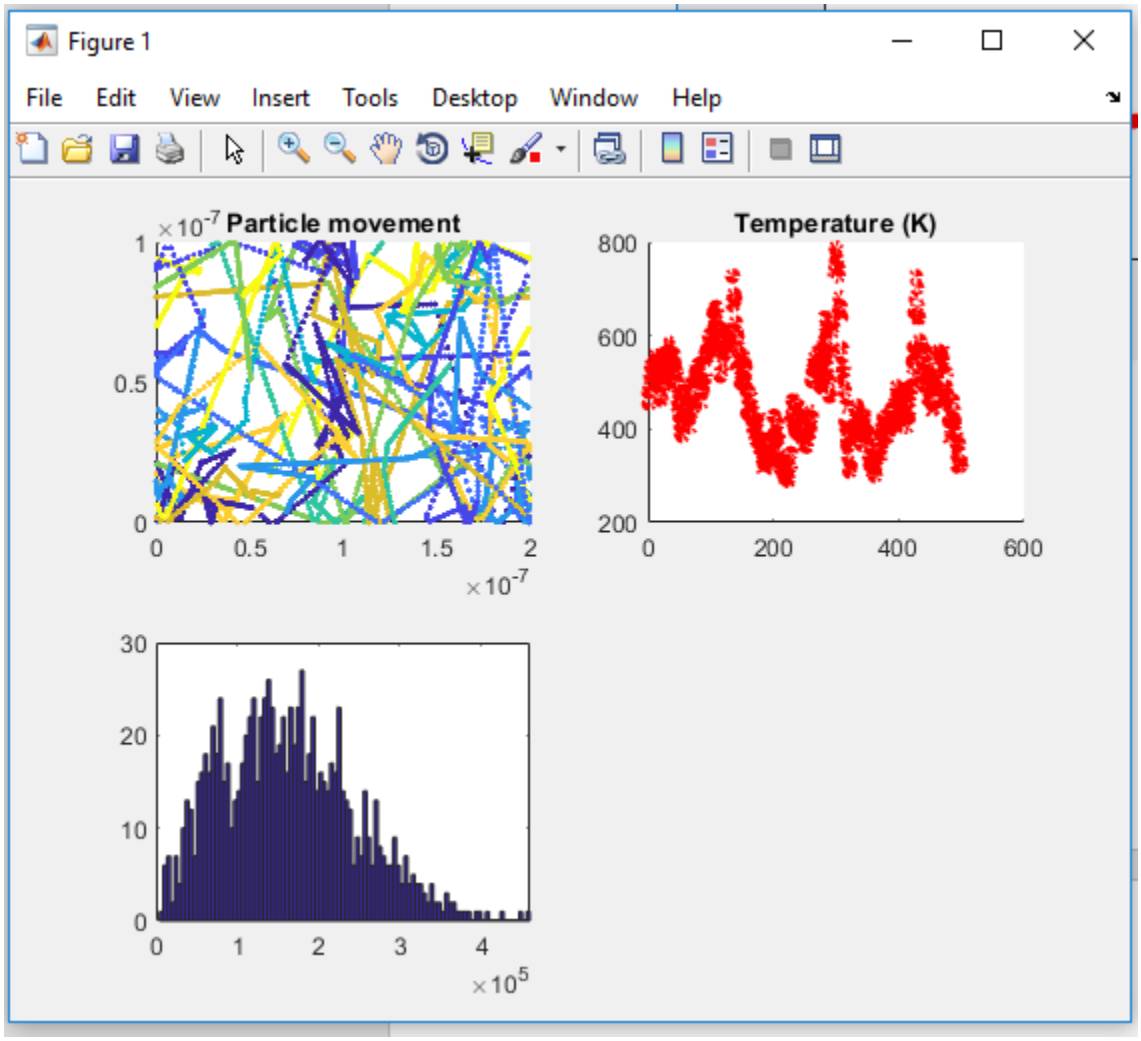
`mfp = vthrms * tmn = 2.547934372956385e-08 m`

3.



Part 2

a) & b) & c)



b)

c)

d)