Argon gas m=6.63x10-26 kg, d=3.658A $\lambda = \frac{1.682 \times 10^{18}}{h}$ in $\frac{2 k_B T}{mps}$; $T_c = 223.15 k$ Um1 = 337.208m/s T= Tc+74 [x=103m; kn= / = 1.685x1031] - for kuzor, k=1.685×1055 1=10-4; to=mean collision time= 1 71x107s=7lns

Vinps

Ly-lx: 105; Lz=1 [26 simulation]

.: At=158s N= 14= 1.68 2x1022 x 10-8= 1.682 x 1014 Let there be 100x1x1 grid cells 8 20 particles per grid cell(1ps) N: Fn xm => Fn = (.682 x1014 = 8.41x1010