Electron, v0 = 2.4e + 08 [m/s], E = Ex = 10000.0 [V/m], t = 9.99e - 04 [s], dt = 1.0e - 09 [s] 700 numeric solution (RC4) analytical solution 600 500 400 300 200 100 -300000 -250000 -200000 -150000 -100000 -50000

x [m]