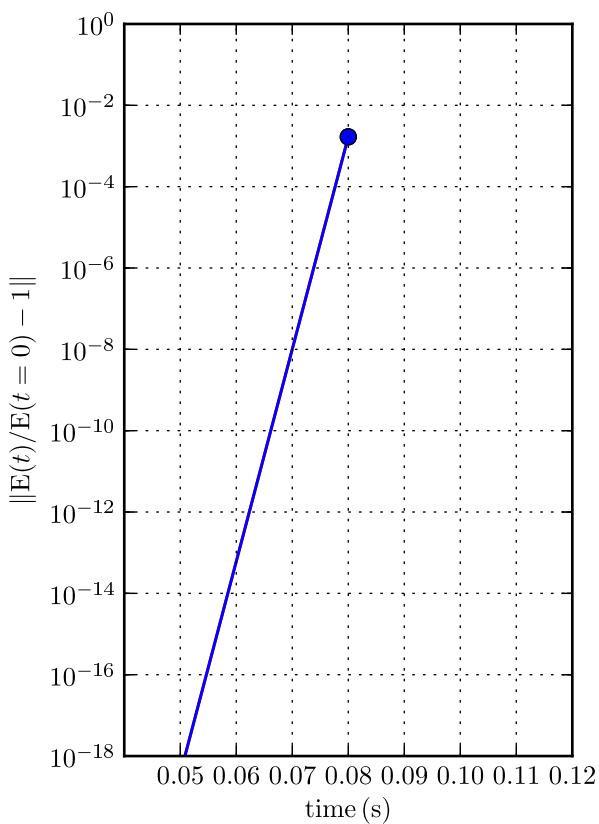
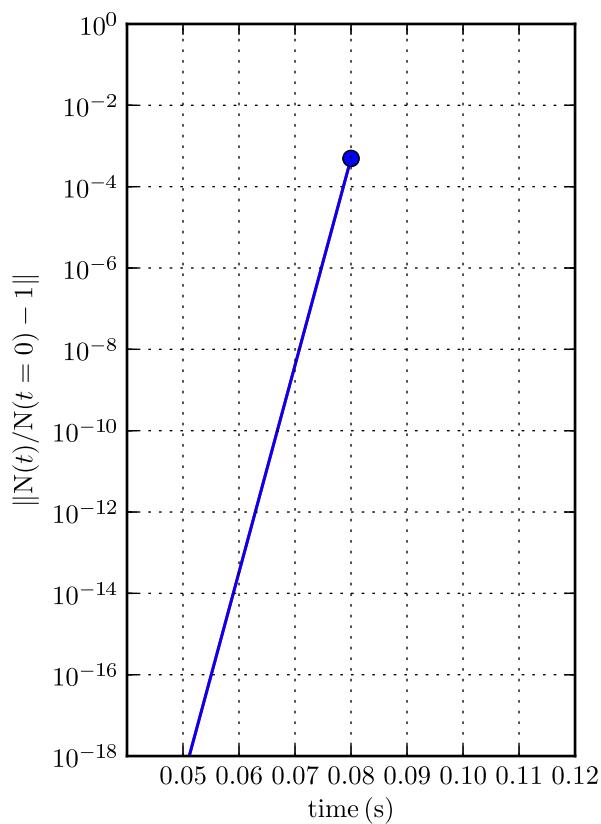
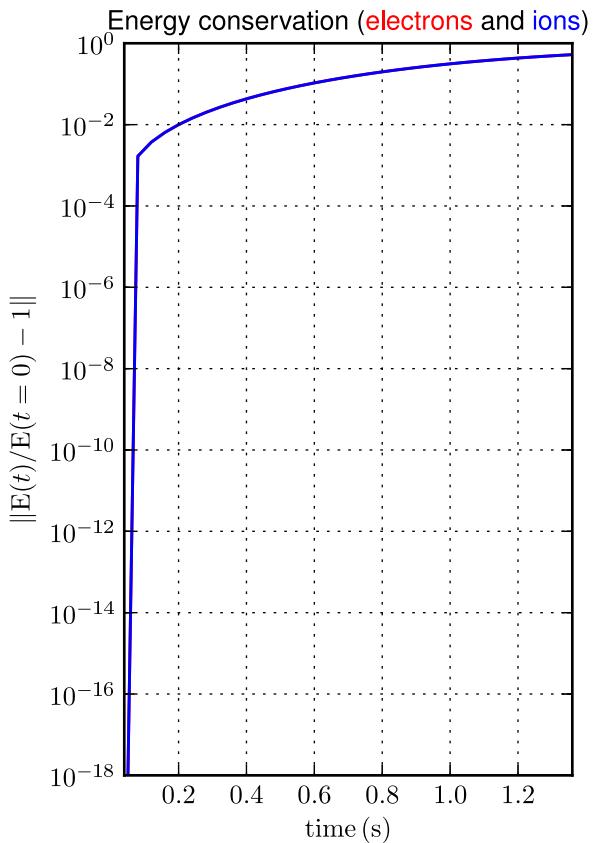
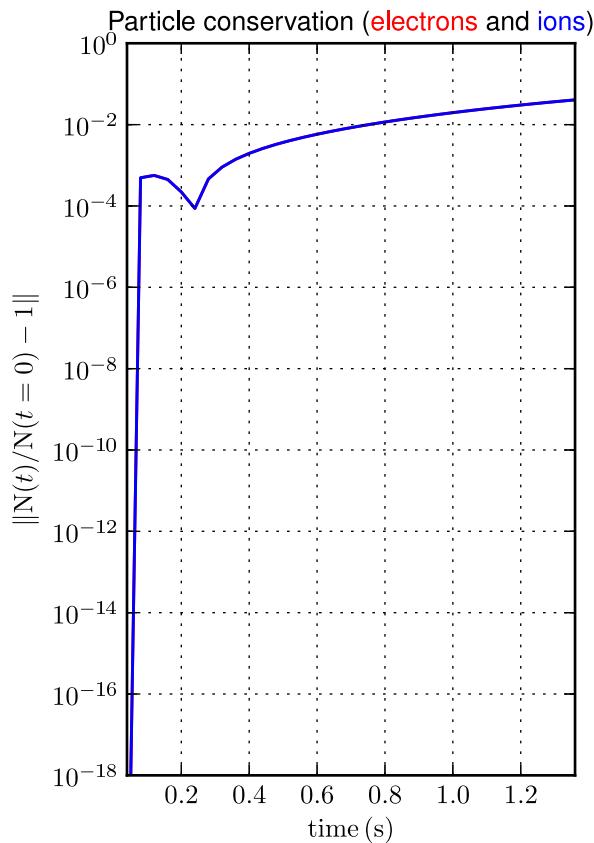


Part. & Energy conservation

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

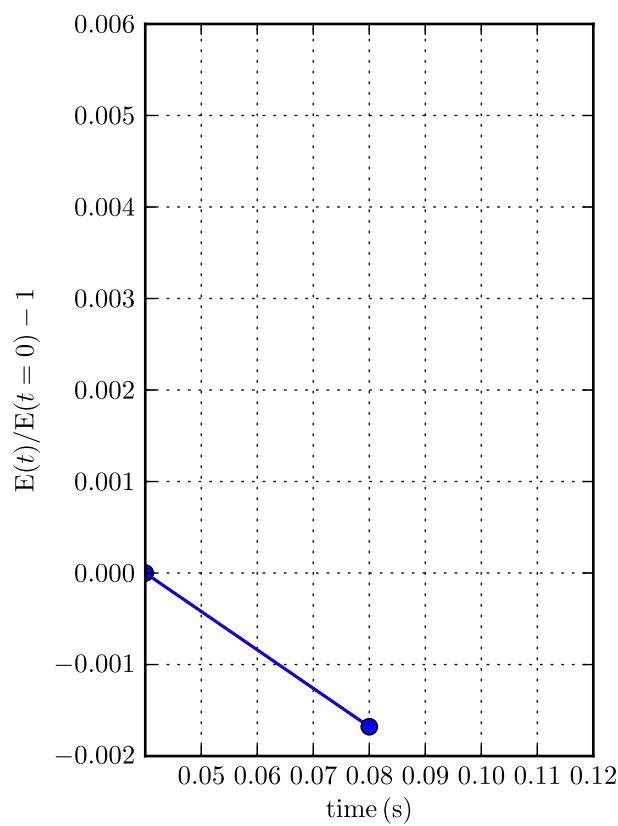
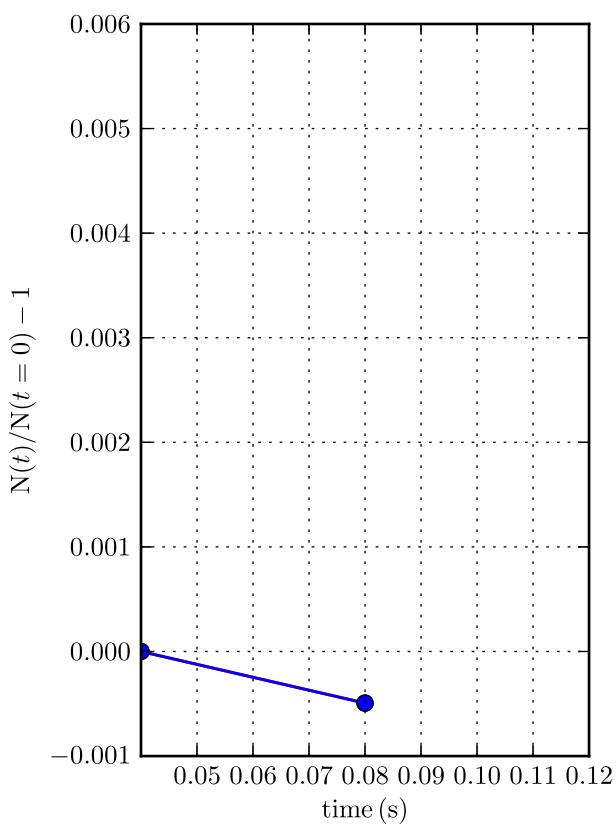
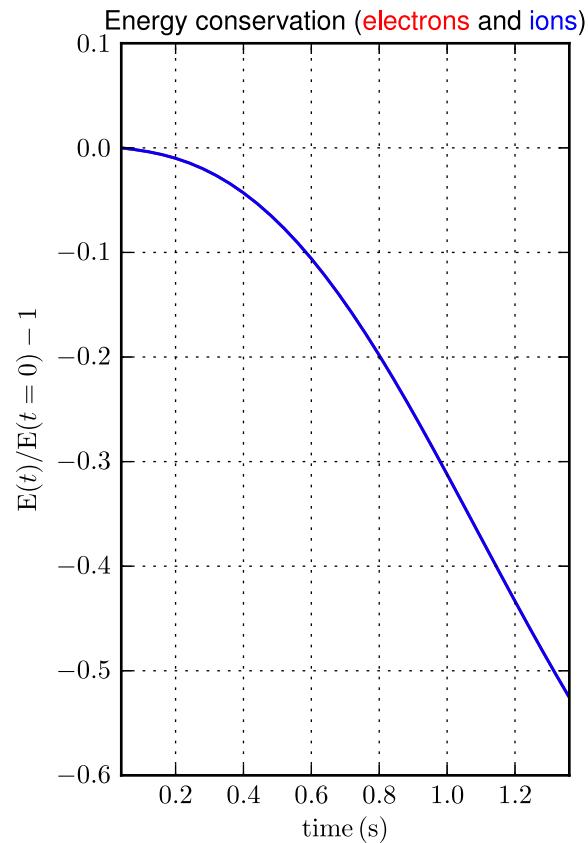
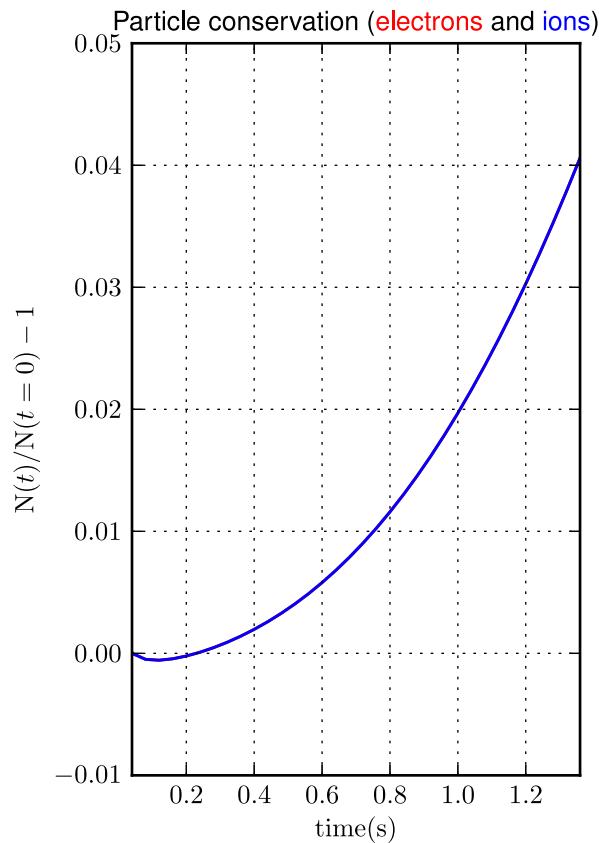
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

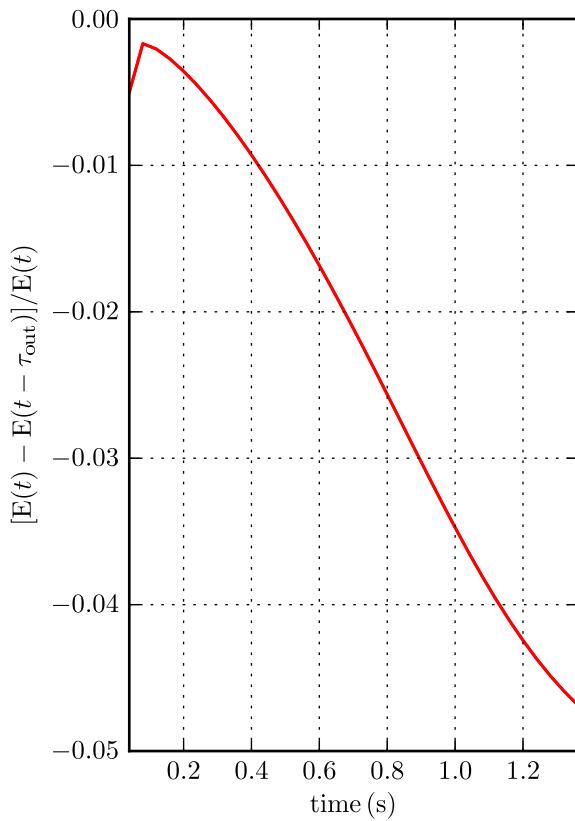
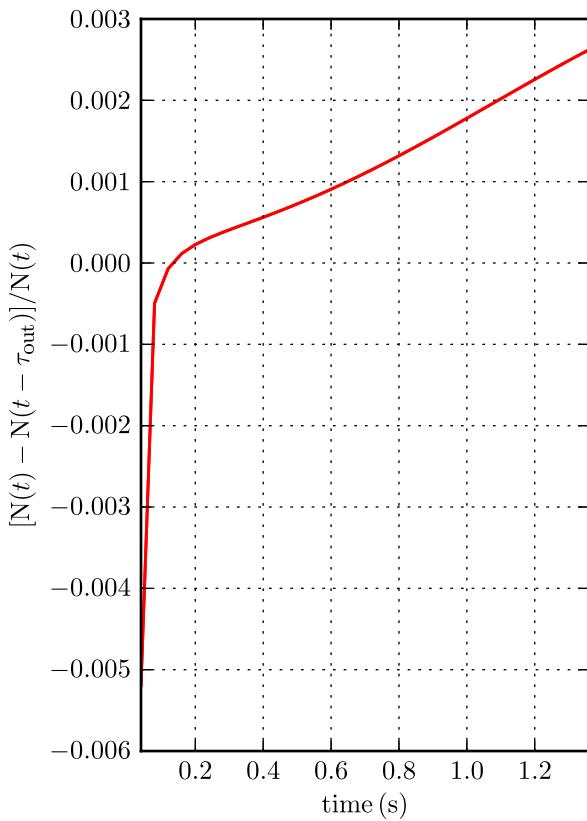
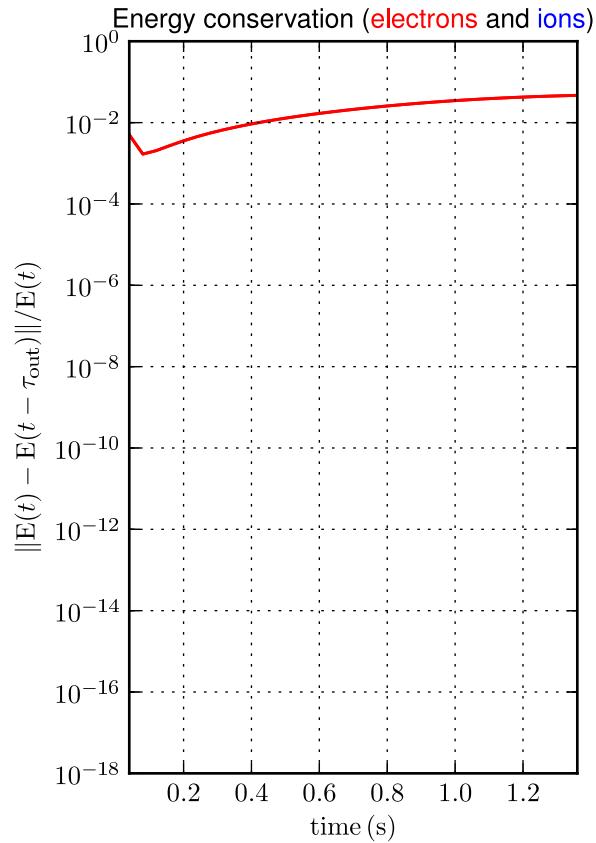
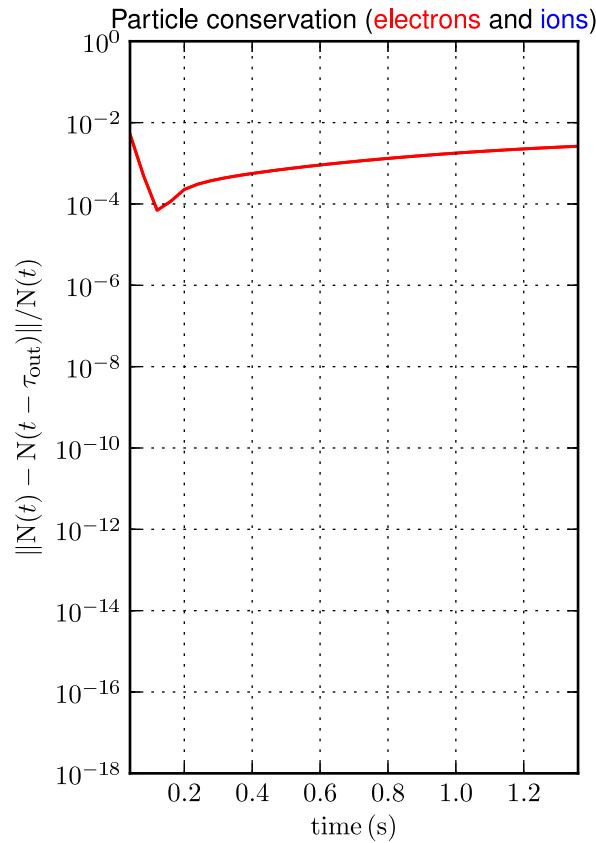
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

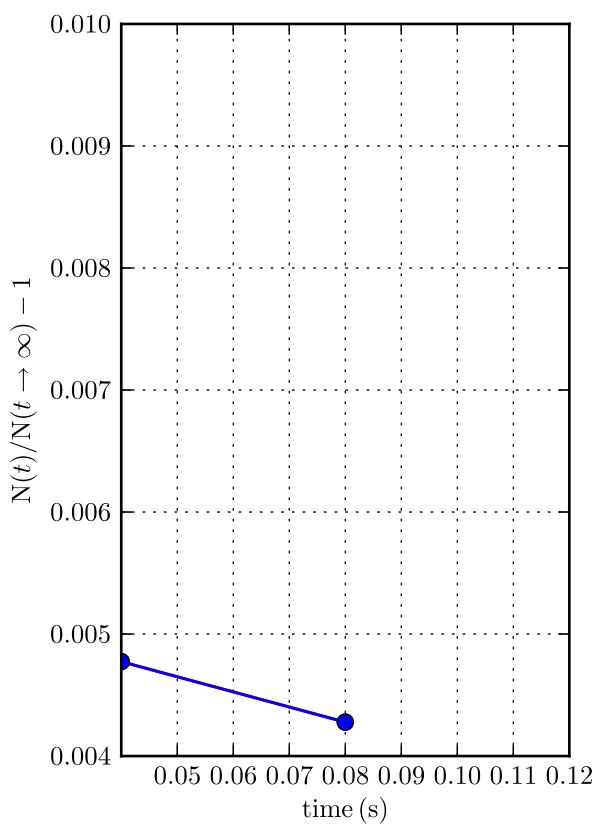
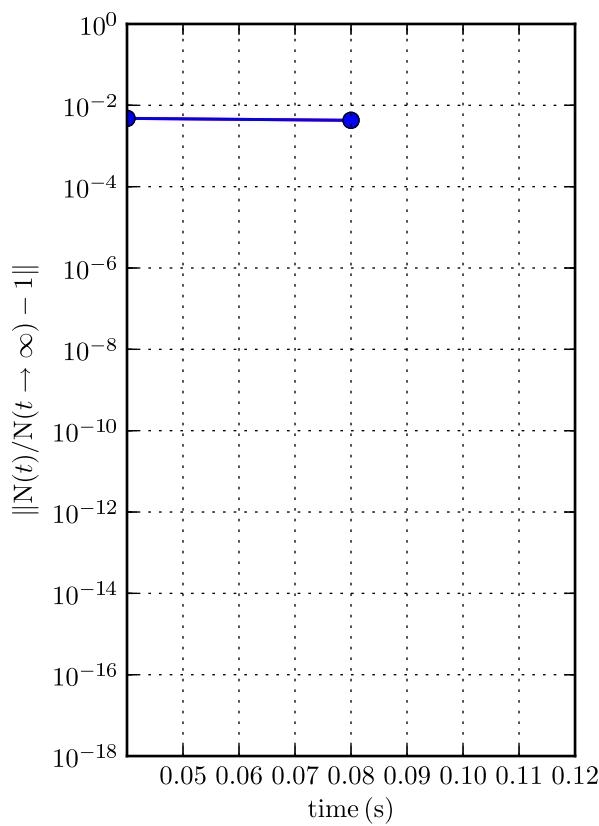
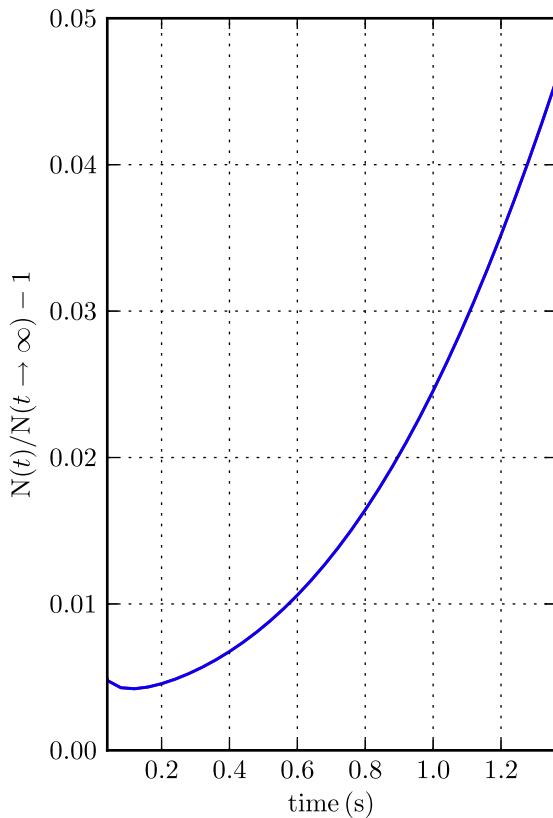
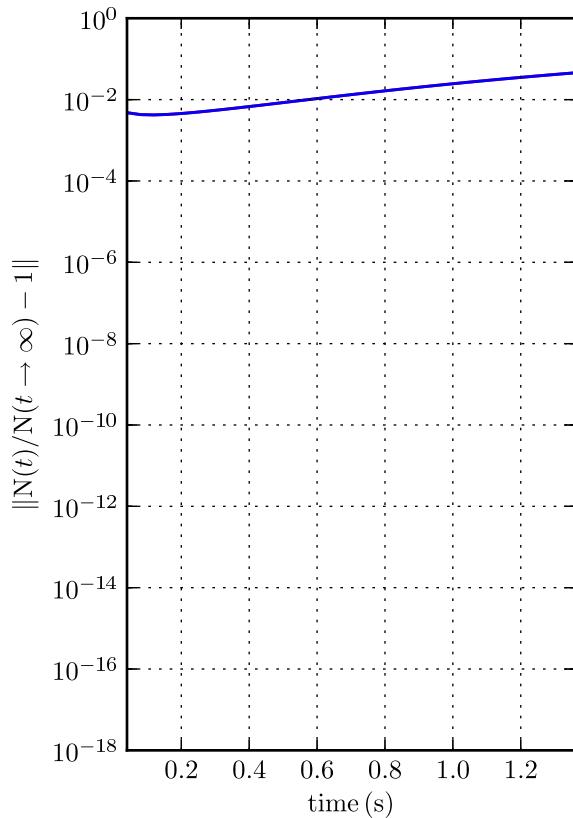
[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



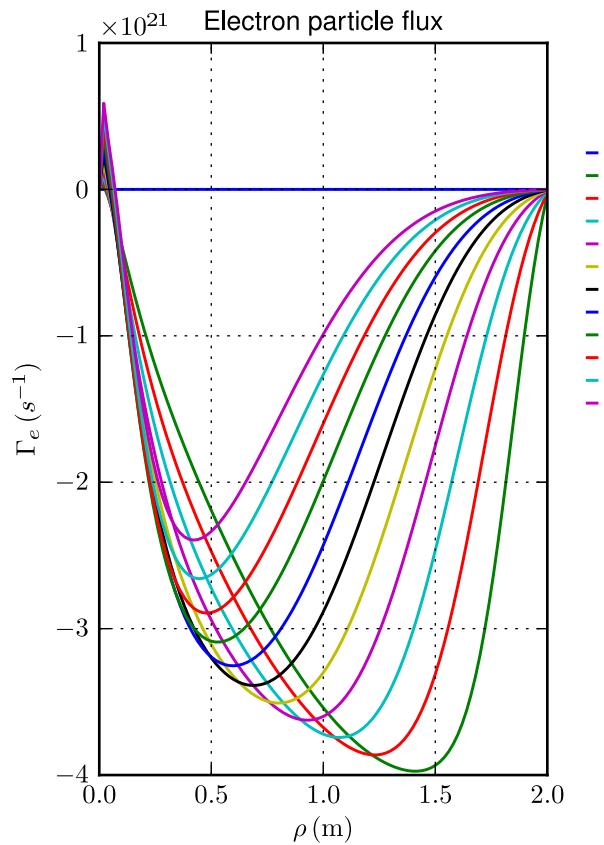
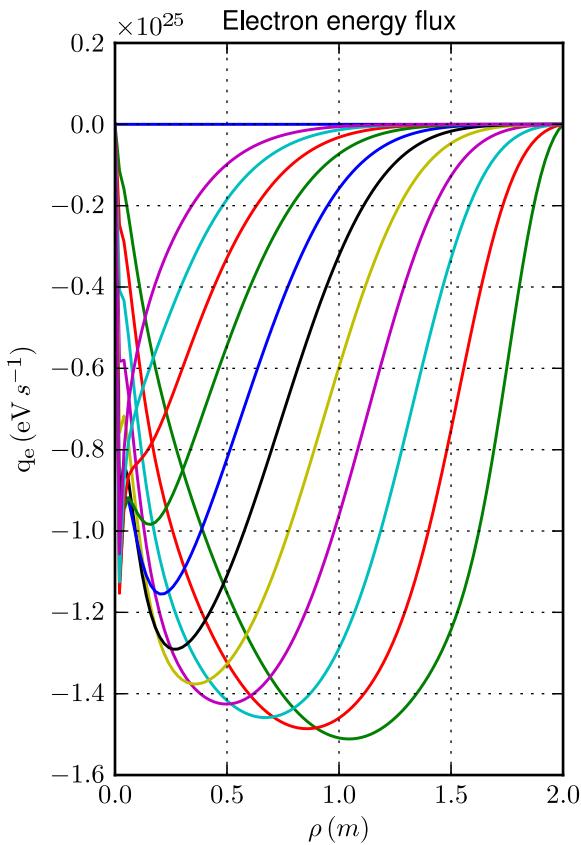
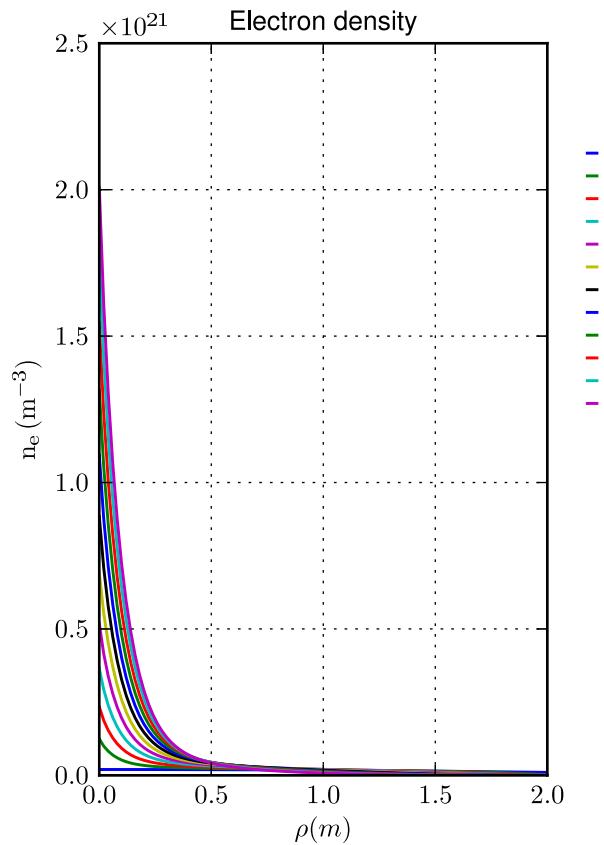
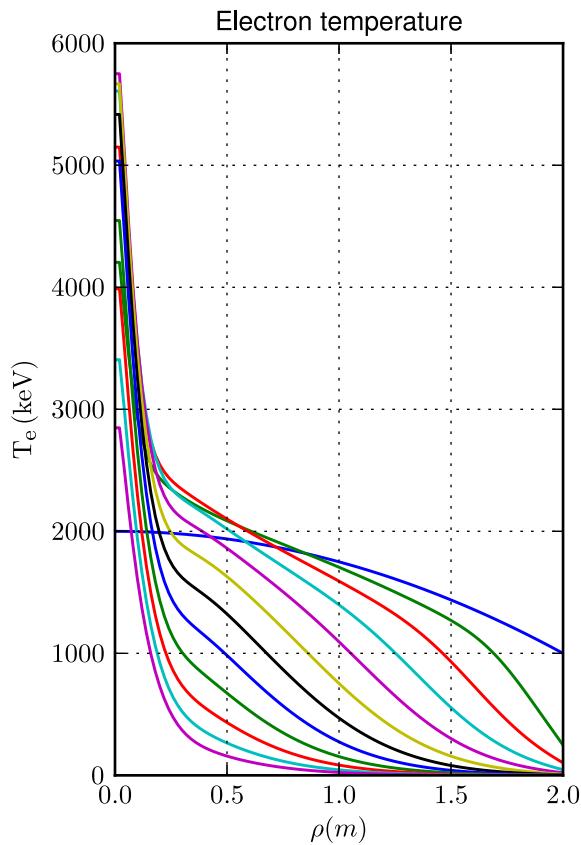
Particle conservation

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with asymptotic solution (**electrons** and **ions**); total time and zoom over time



Profiles

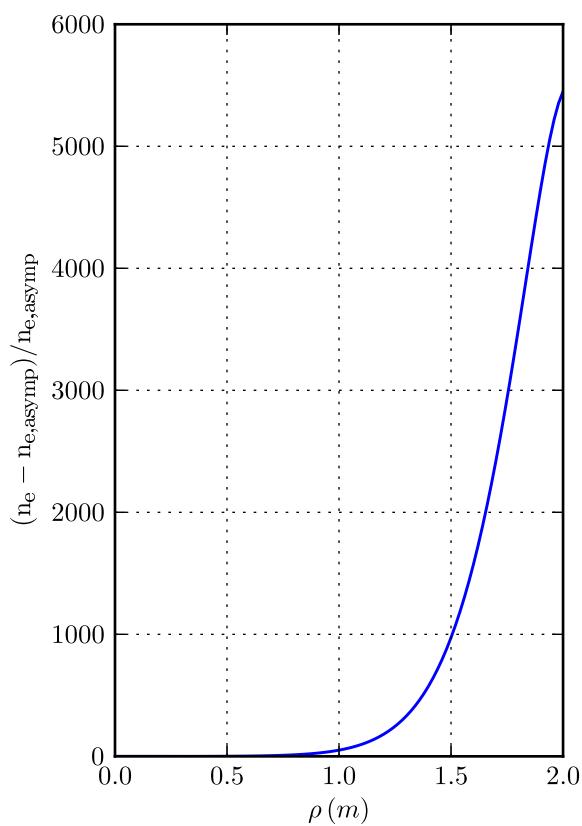
[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Time sampling: total simulation time/10



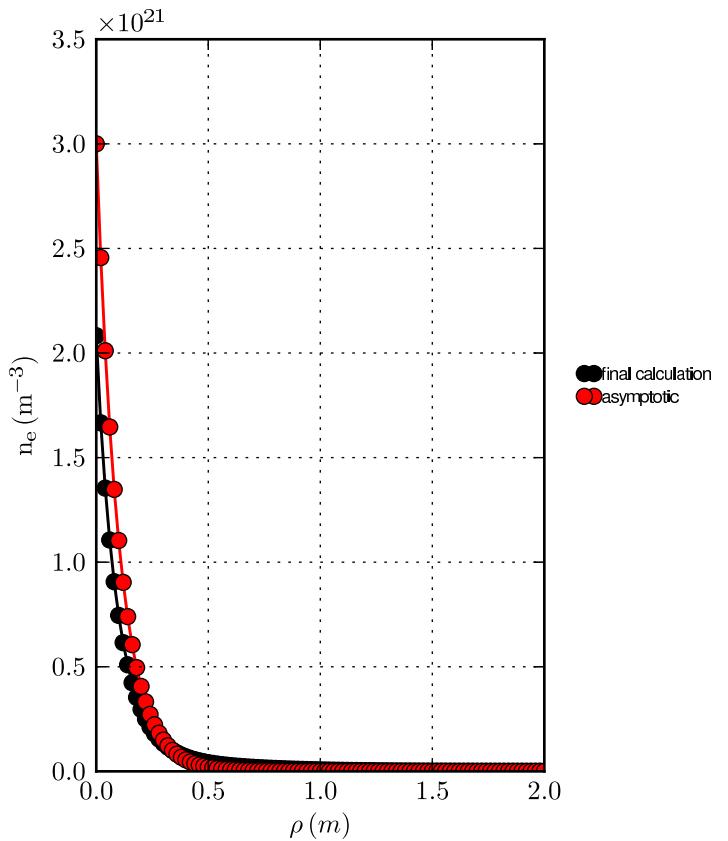
Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Comparison with asymptotic solution

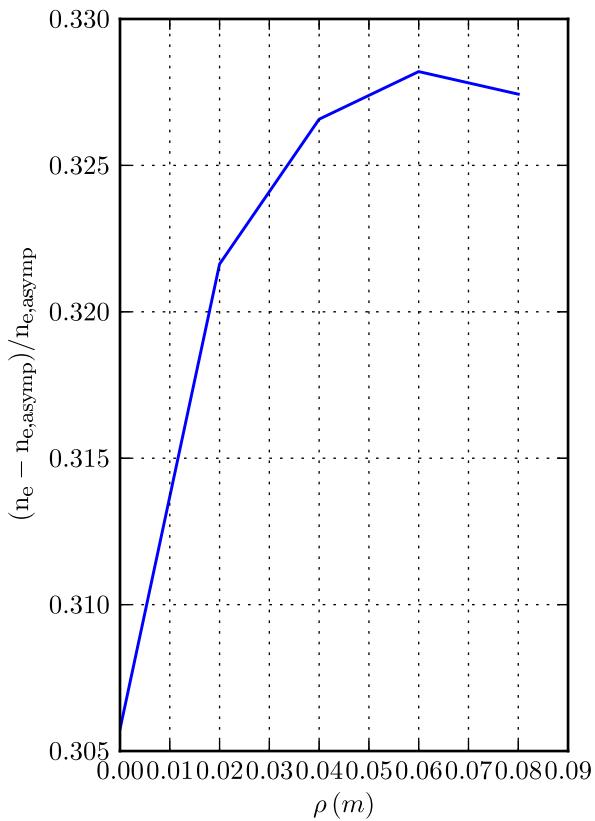
Electron density relative error



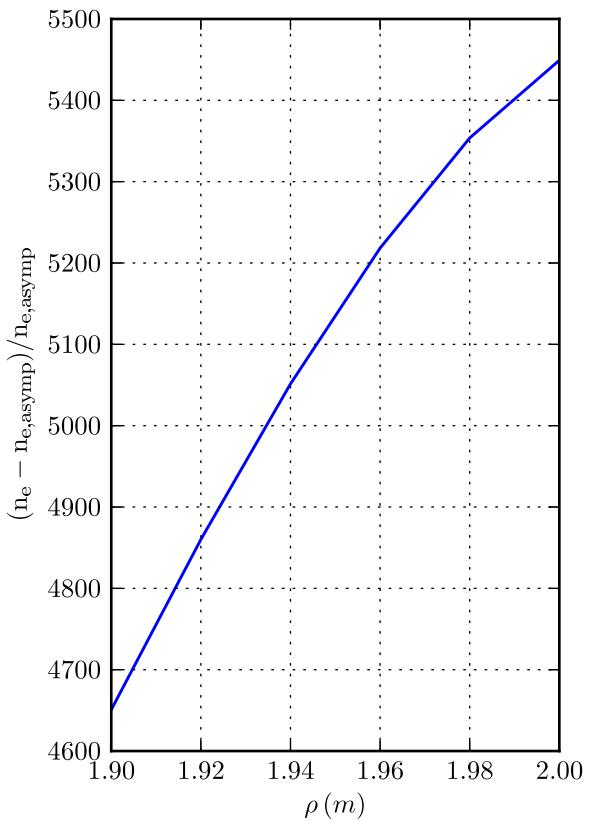
Electron density



Error: zoom over axis



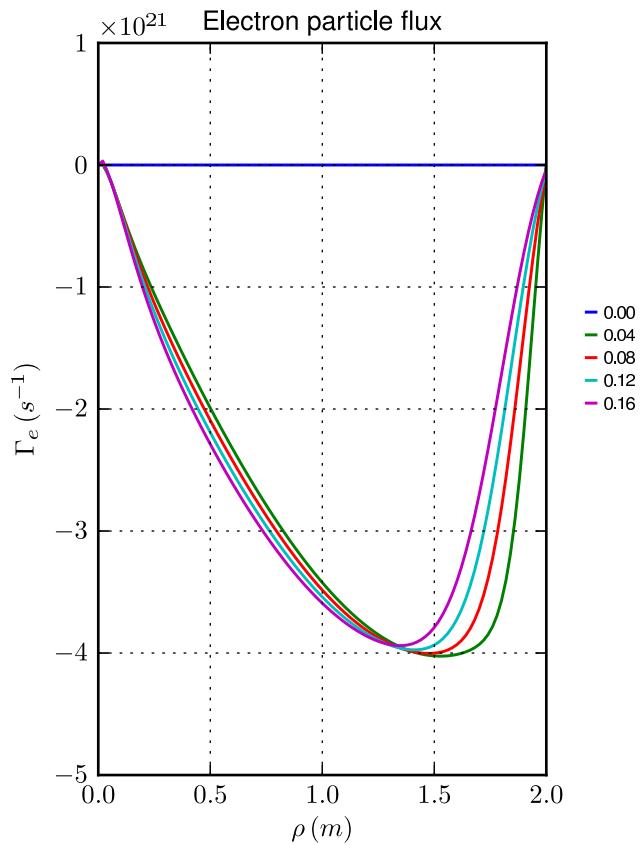
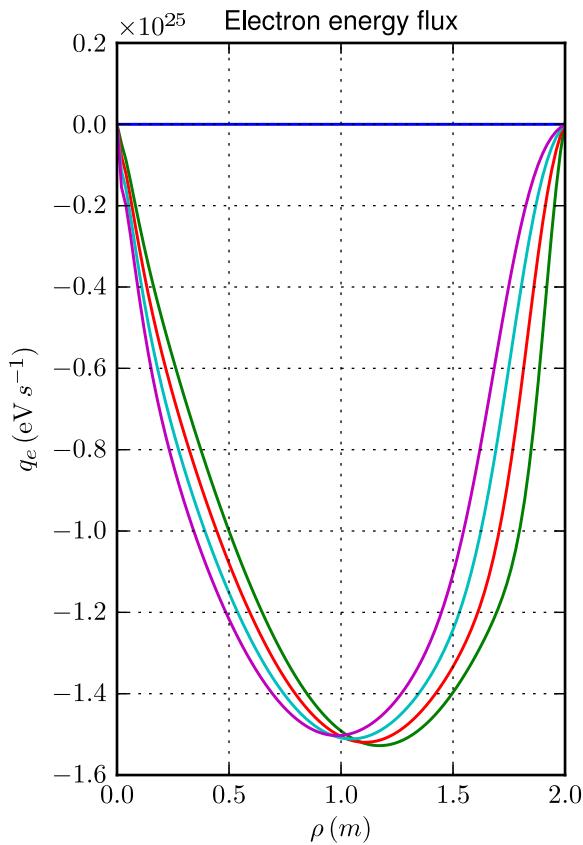
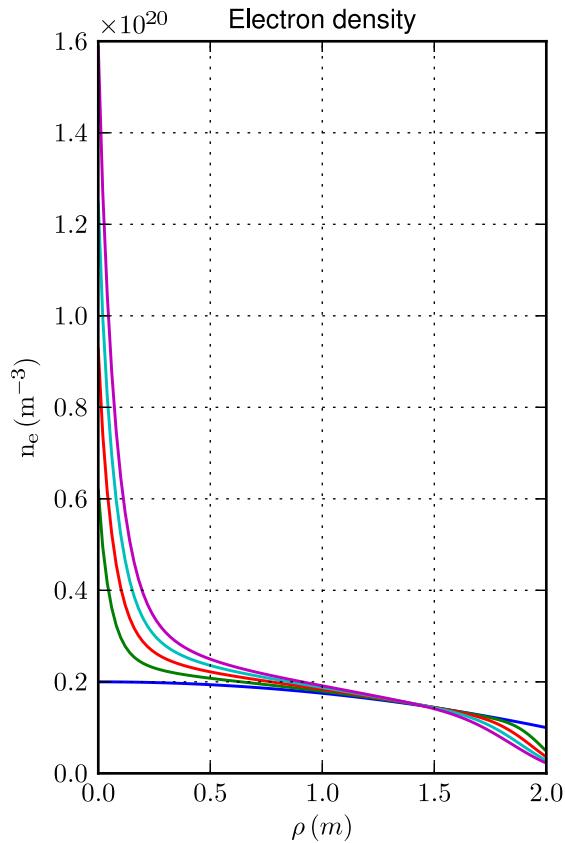
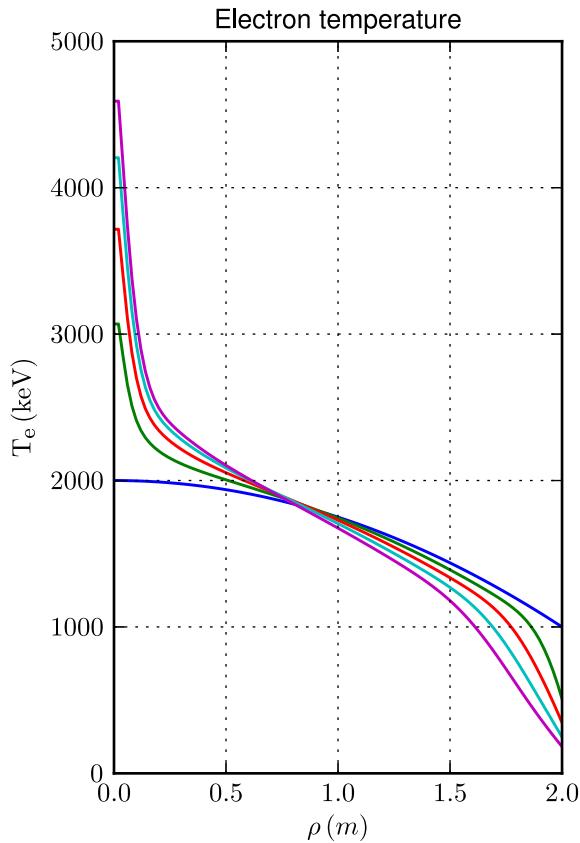
Error: zoom over edge



Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

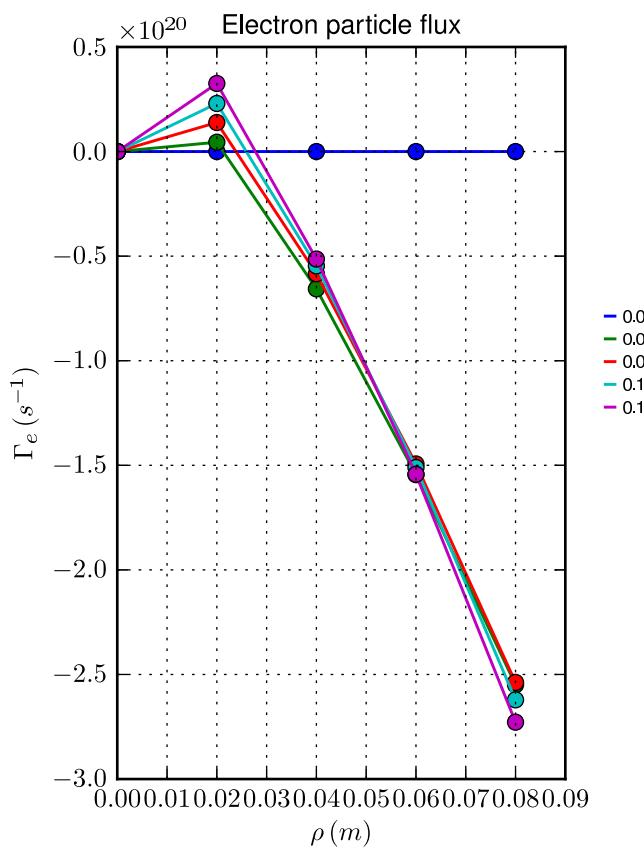
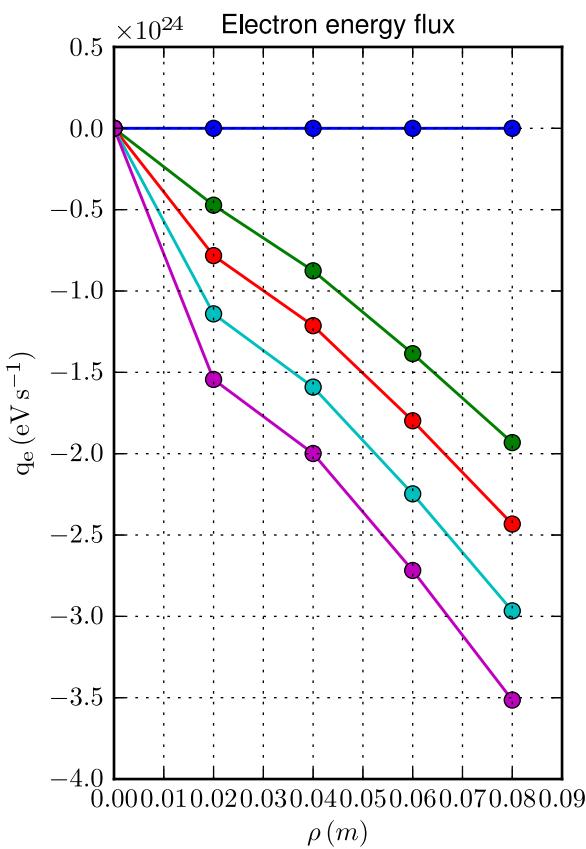
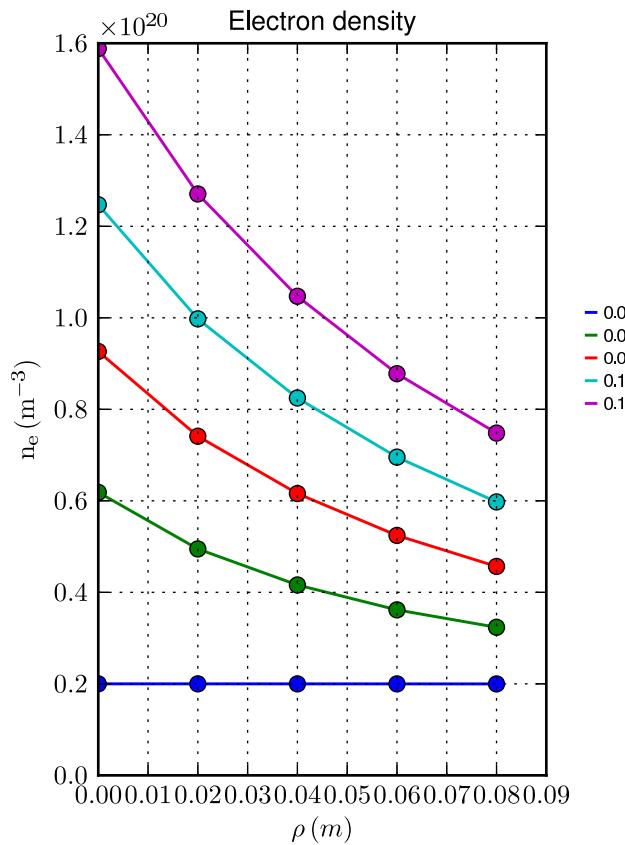
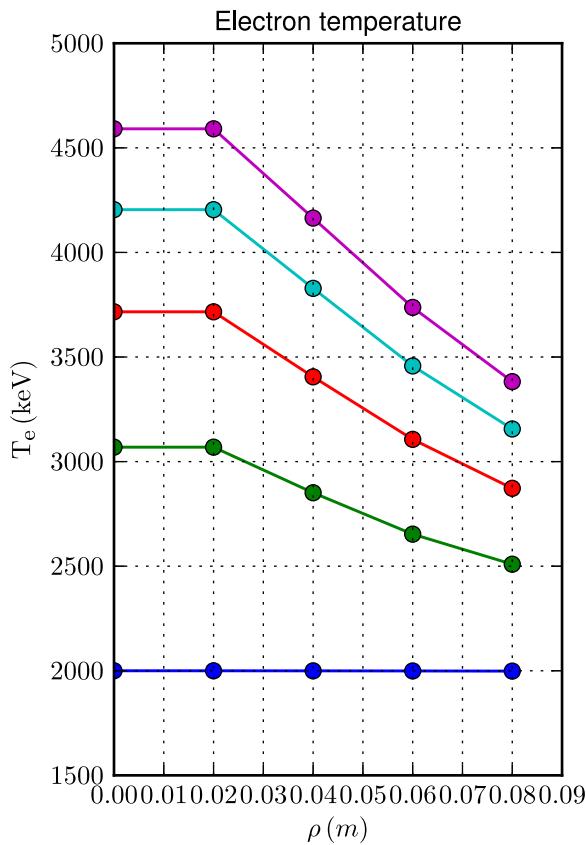


Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

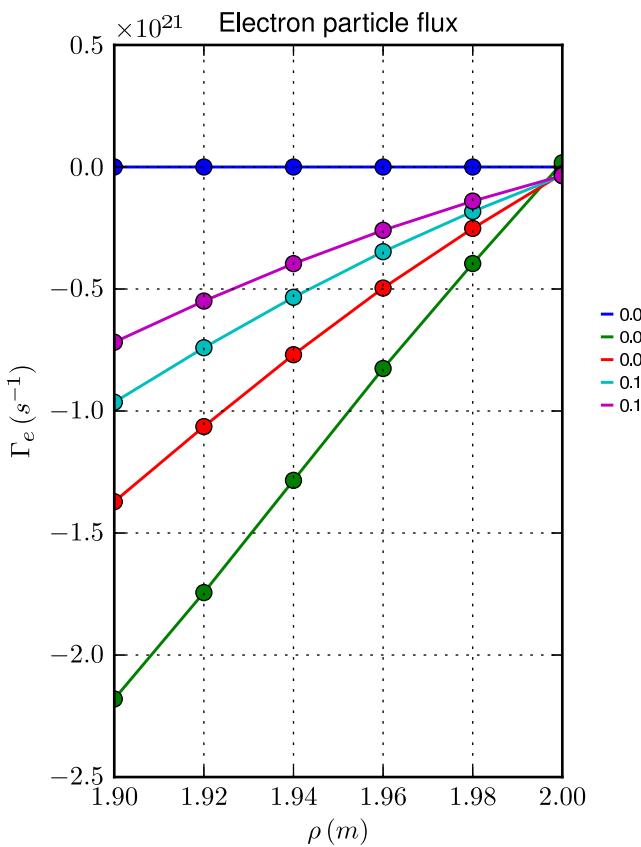
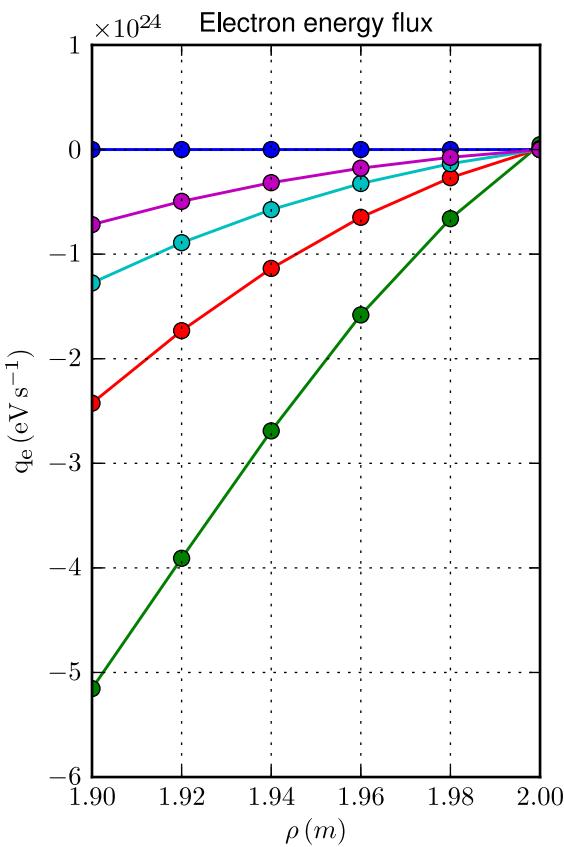
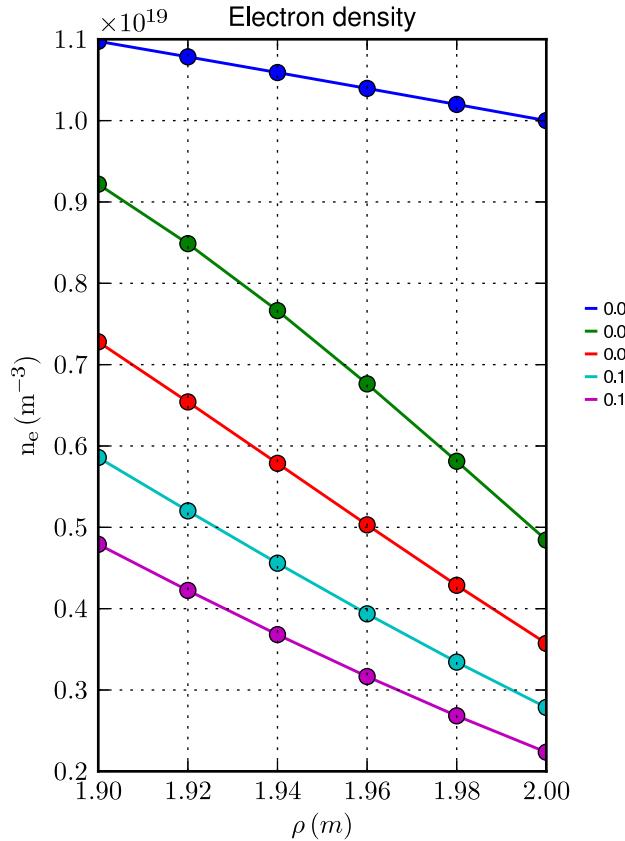
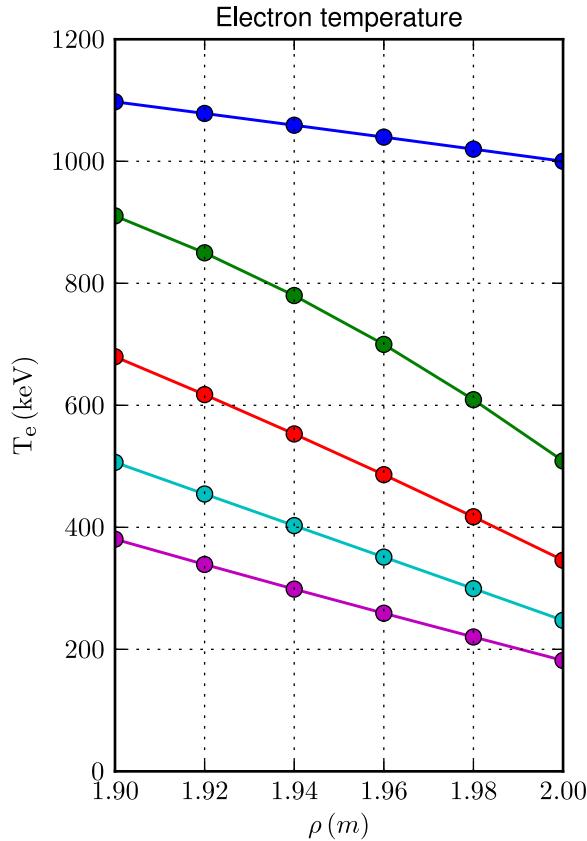


Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

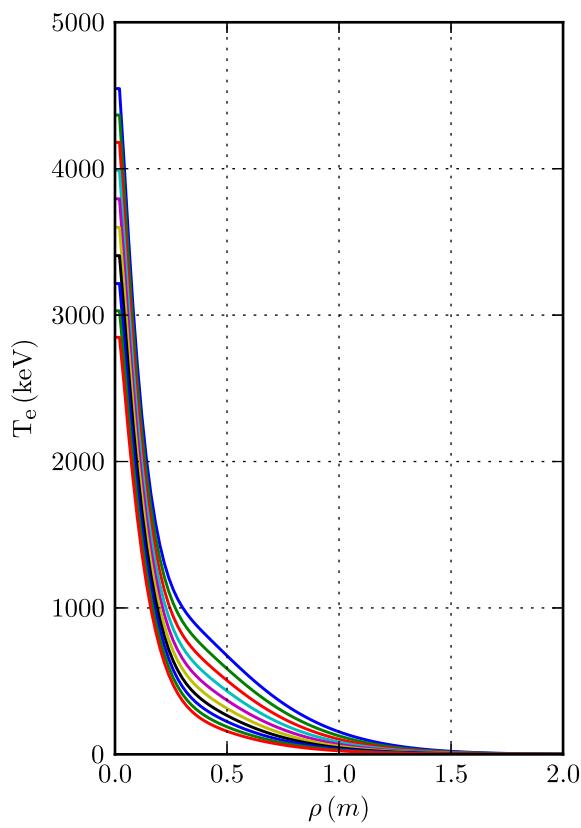
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$



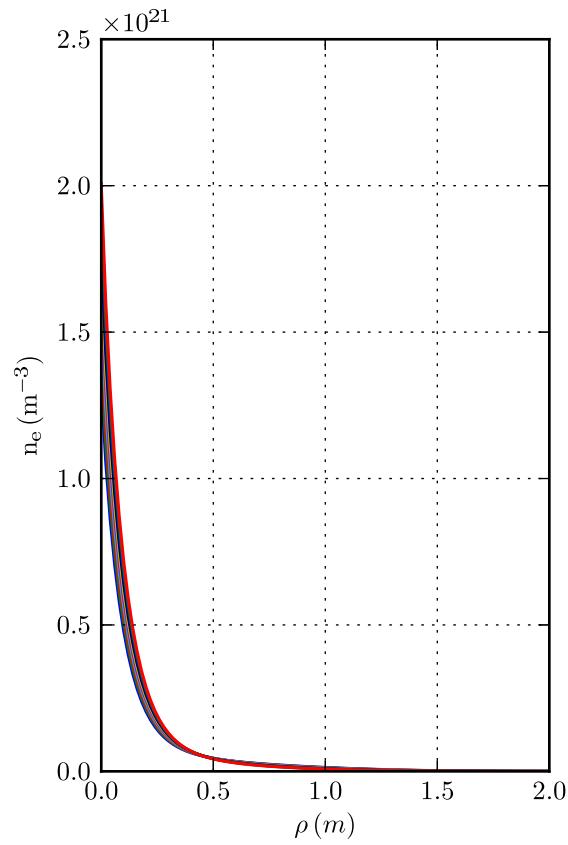
Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

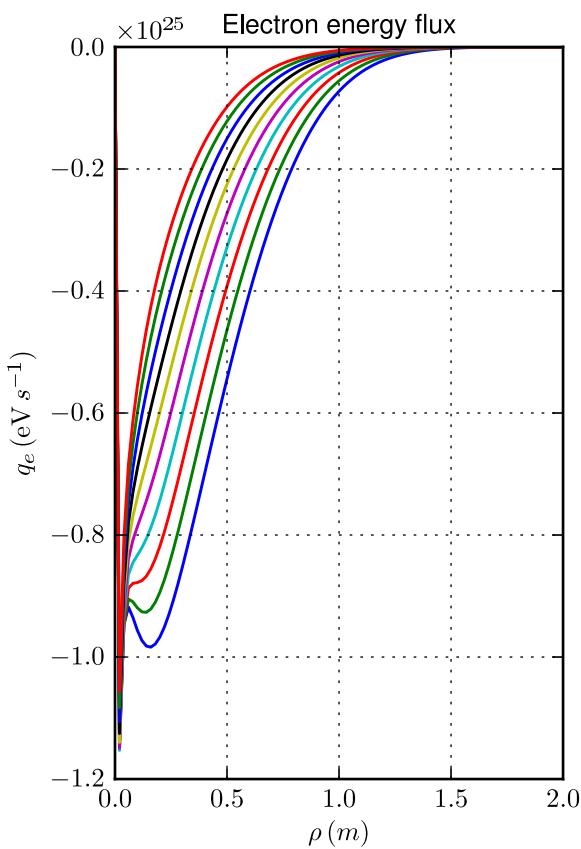
Electron temperature



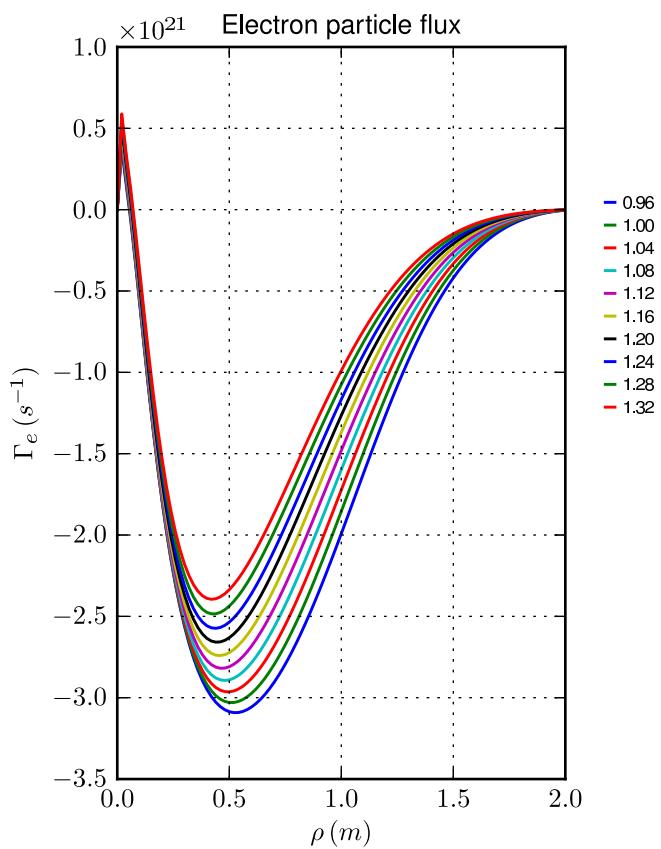
Electron density



Electron energy flux



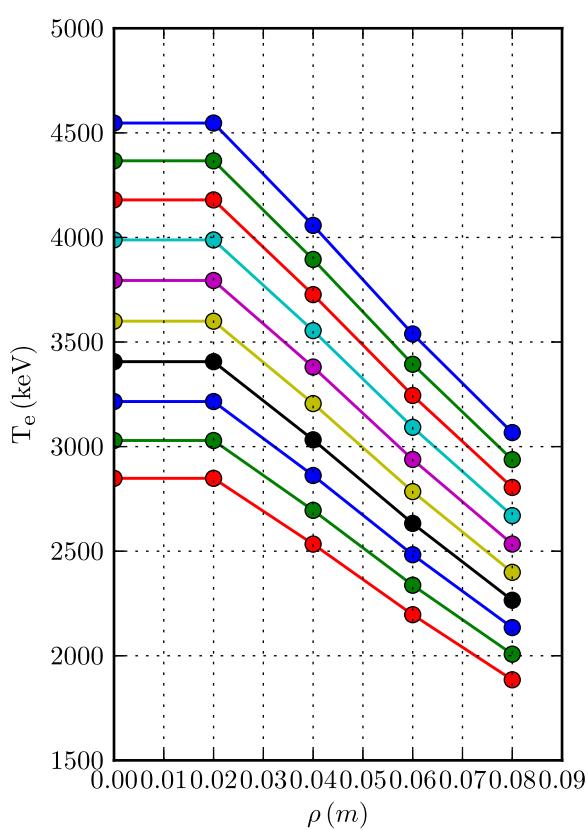
Electron particle flux



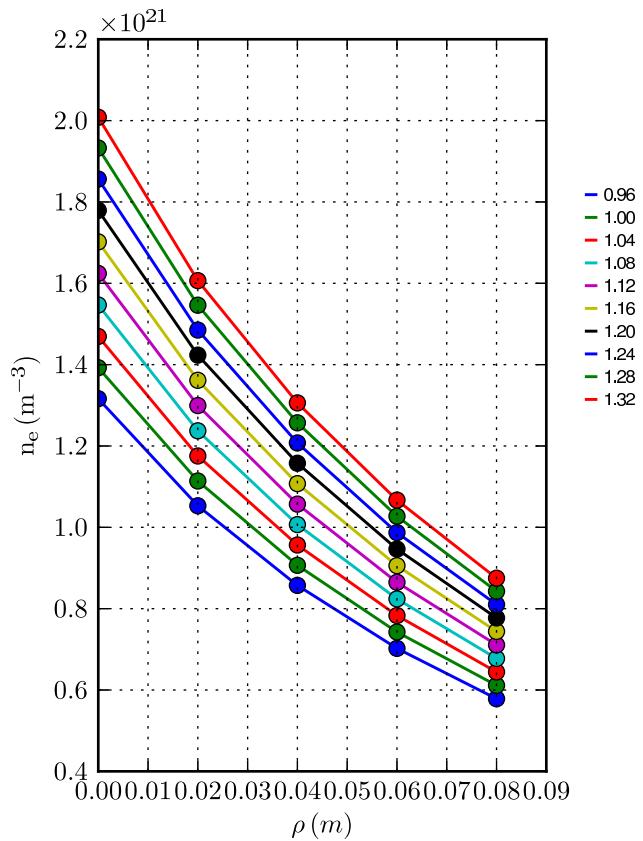
Profiles

[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Spatial zoom over magnetic axis; time sampling: last 10 time slices

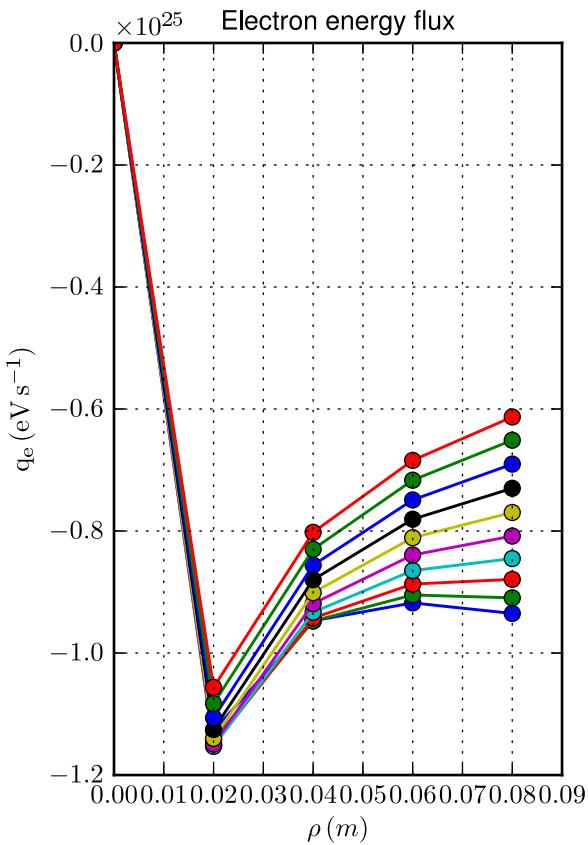
Electron temperature



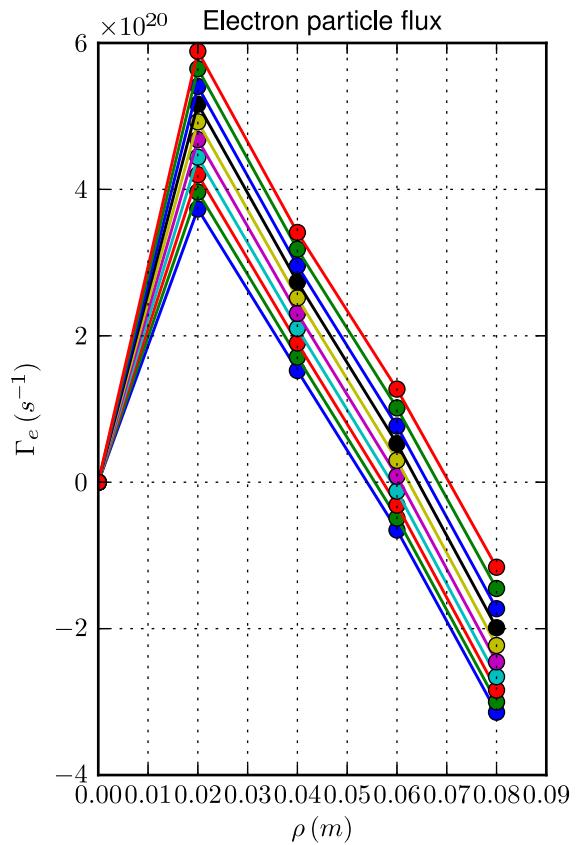
Electron density



Electron energy flux



Electron particle flux

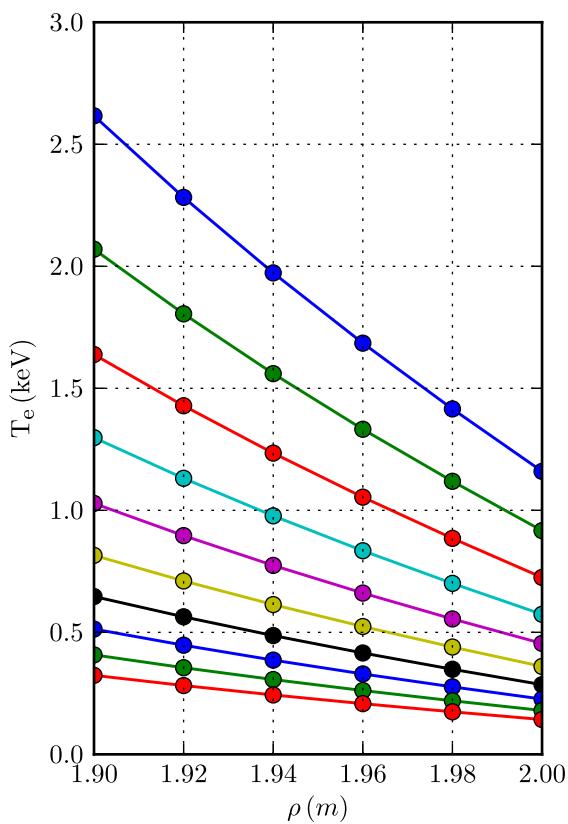


Profiles

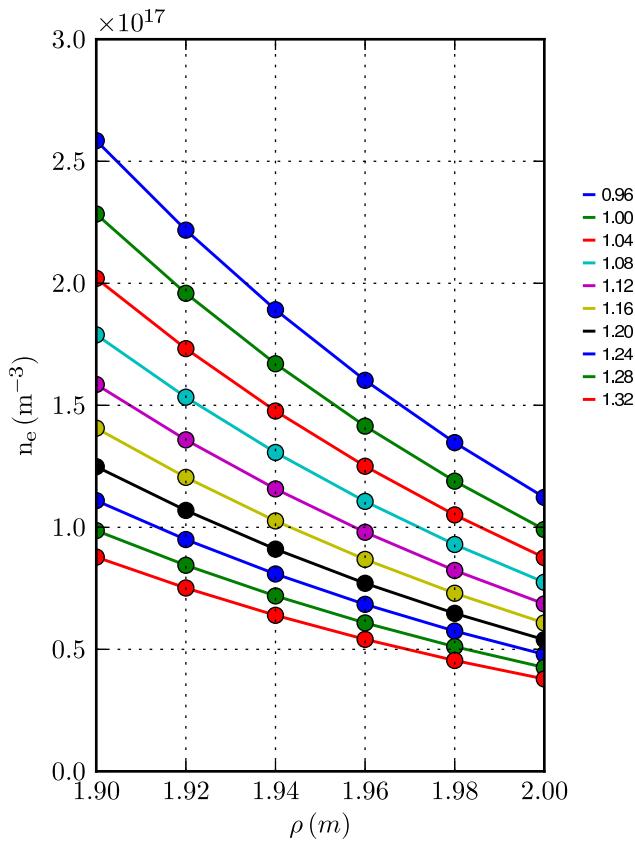
[Case: I.1.5.j, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Spatial zoom over edge; time sampling: last 10 time slices

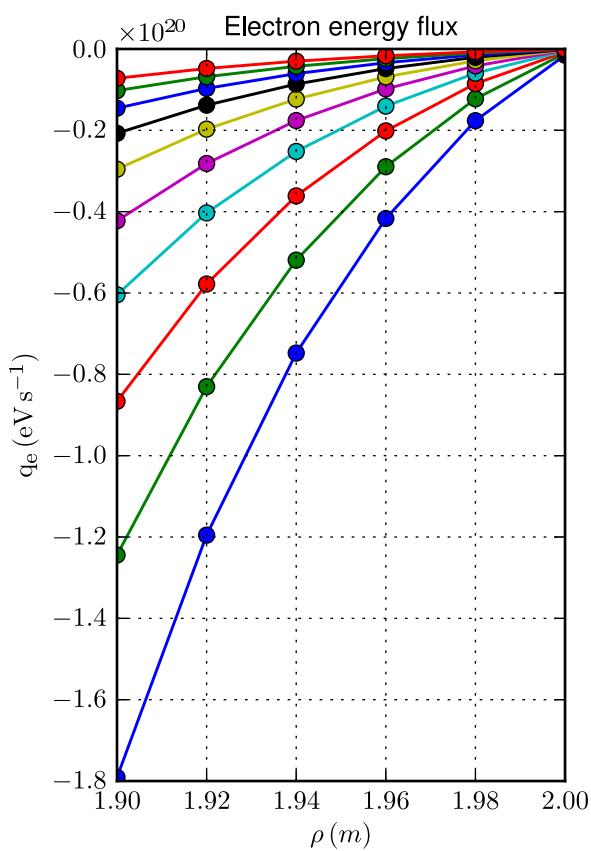
Electron temperature



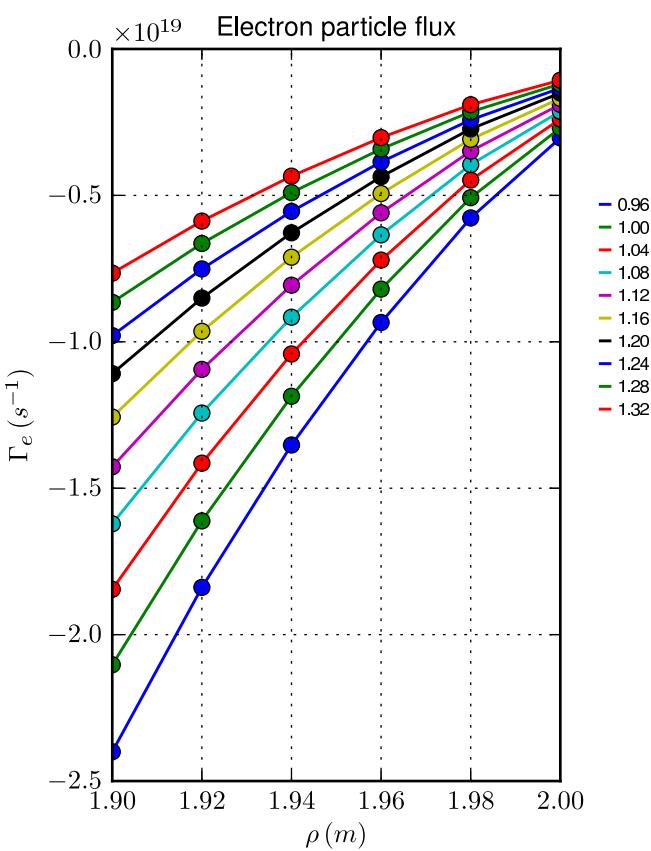
Electron density



Electron energy flux



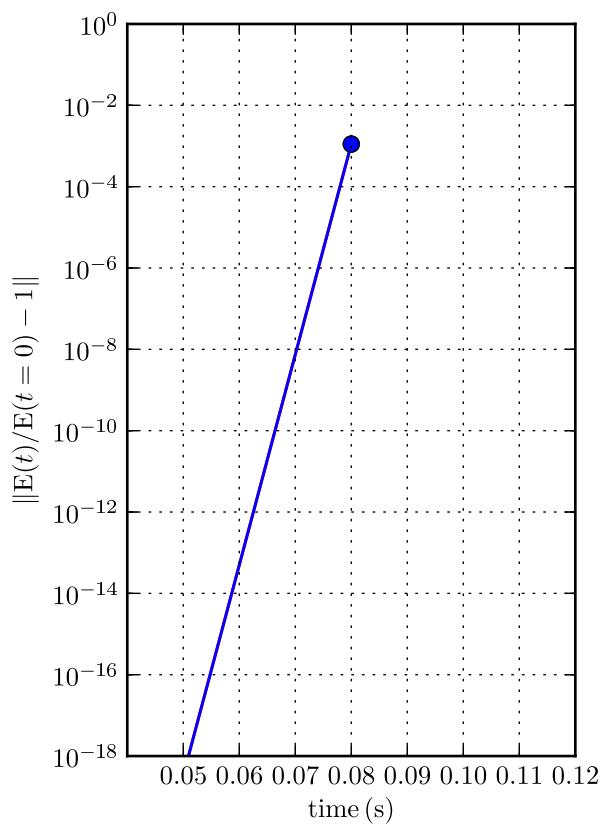
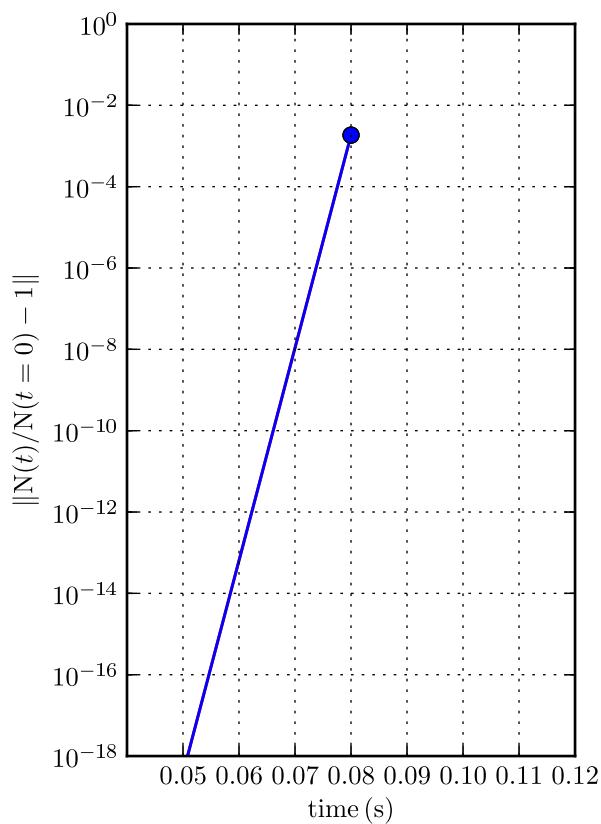
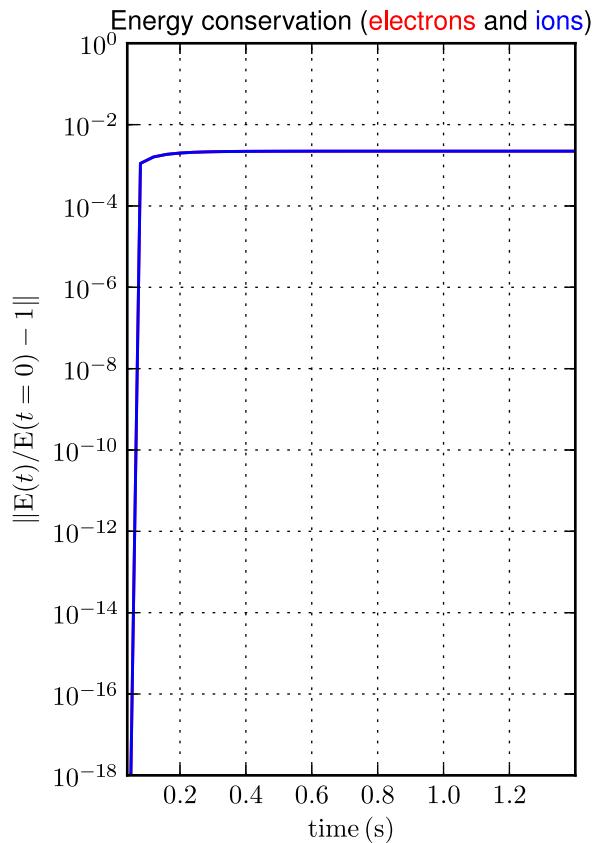
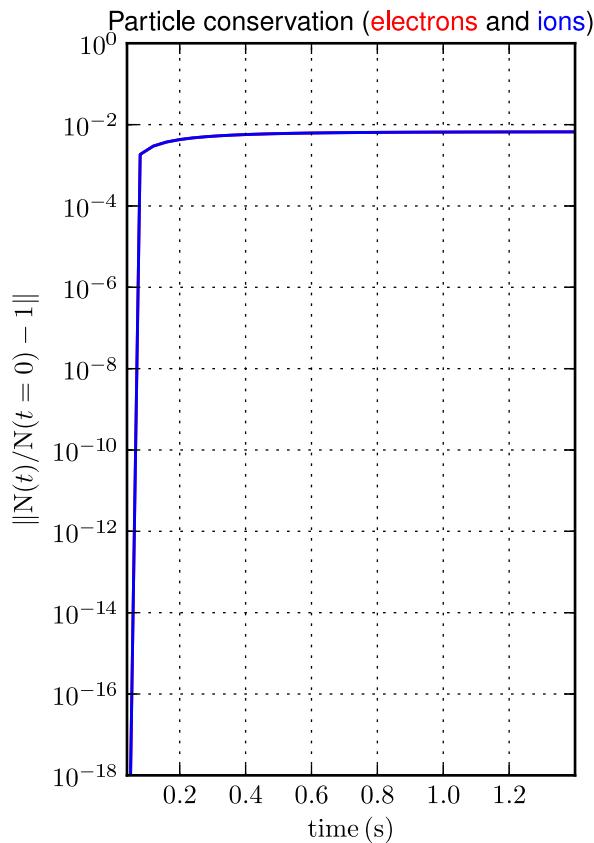
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

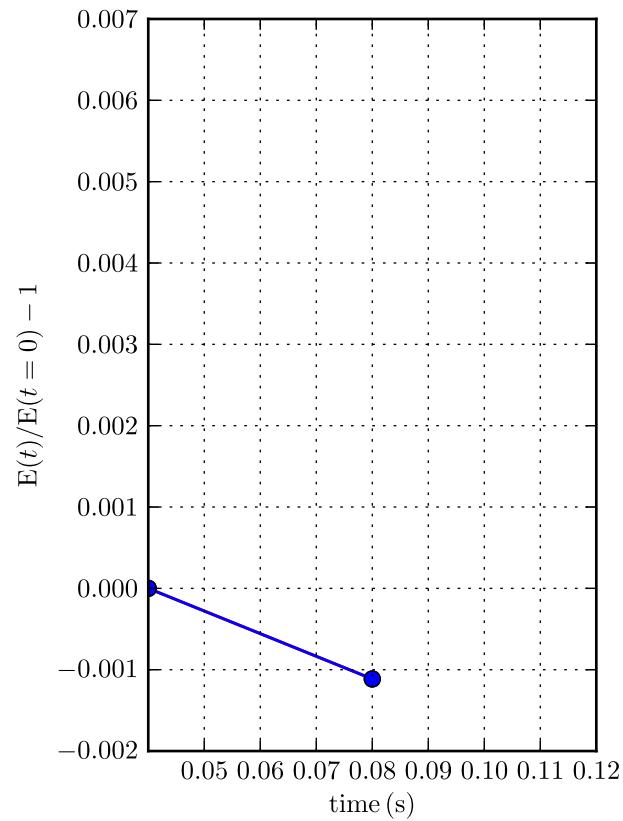
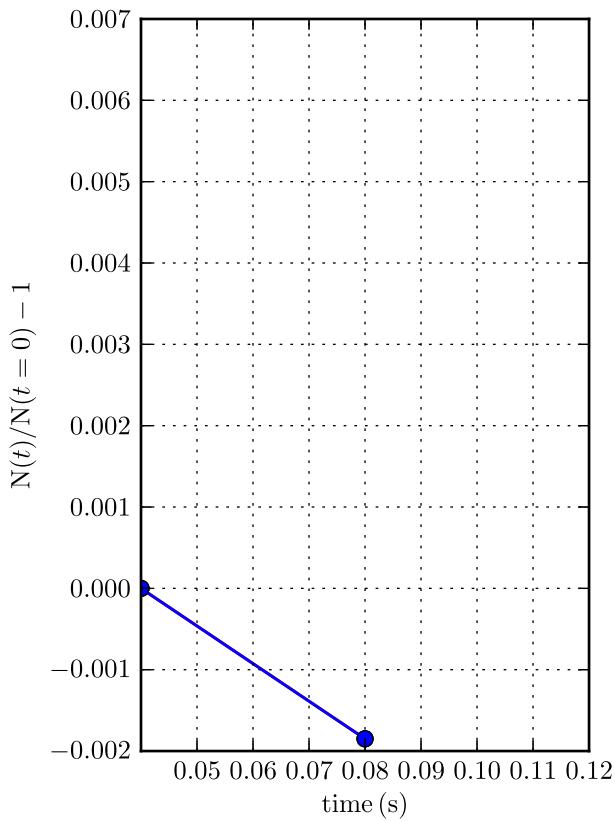
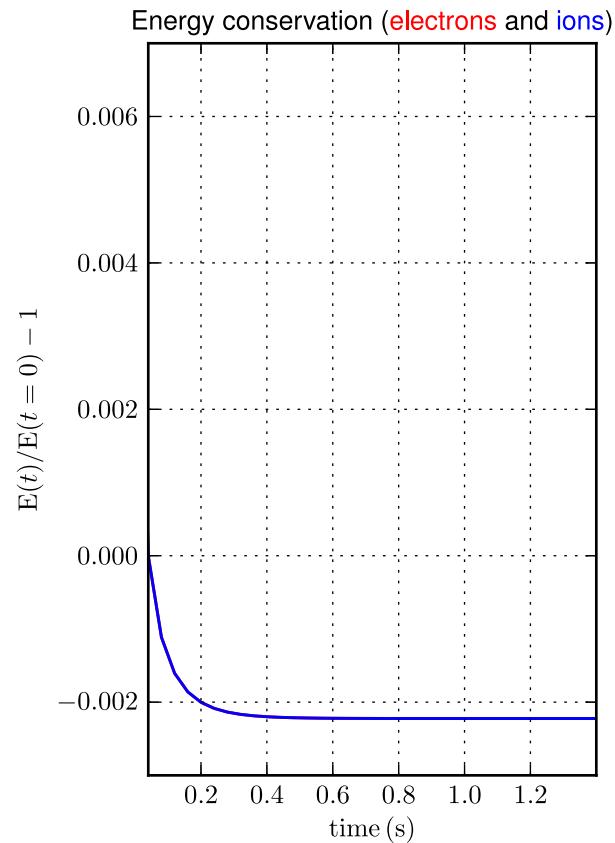
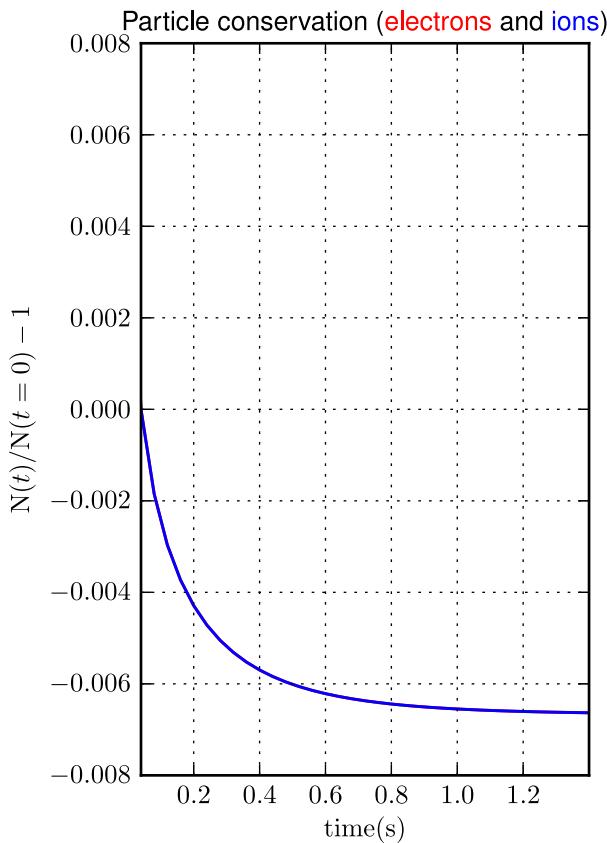
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

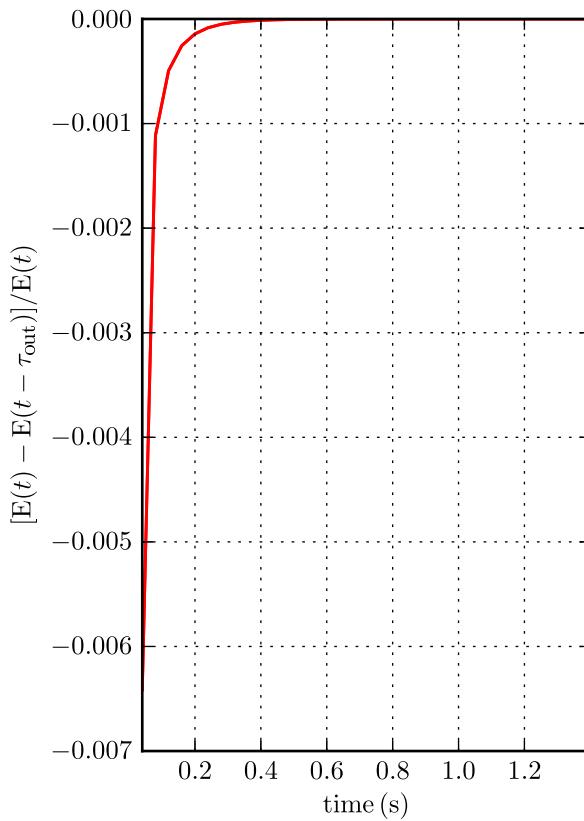
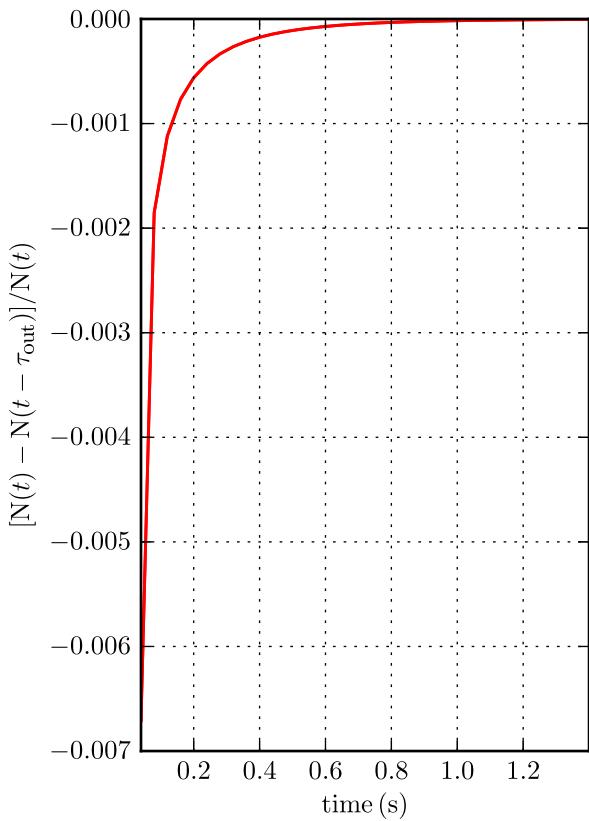
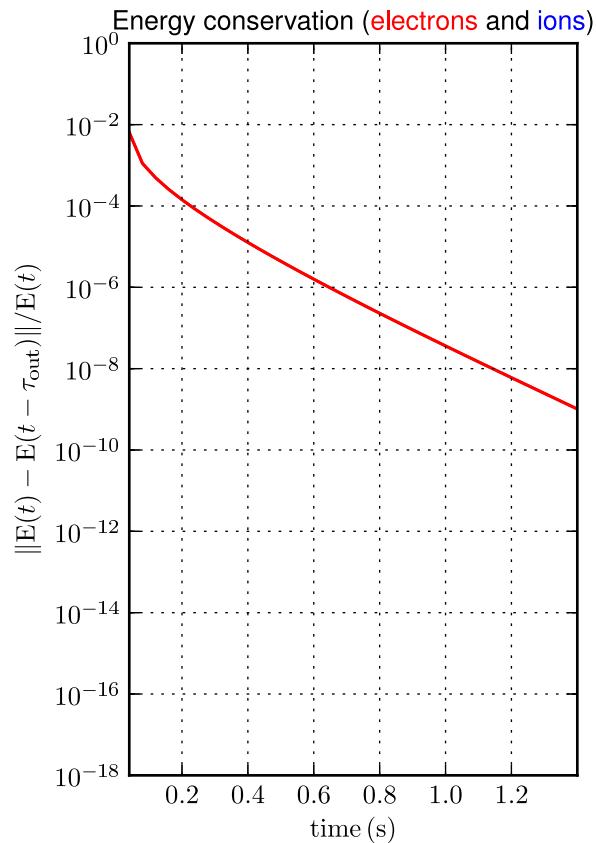
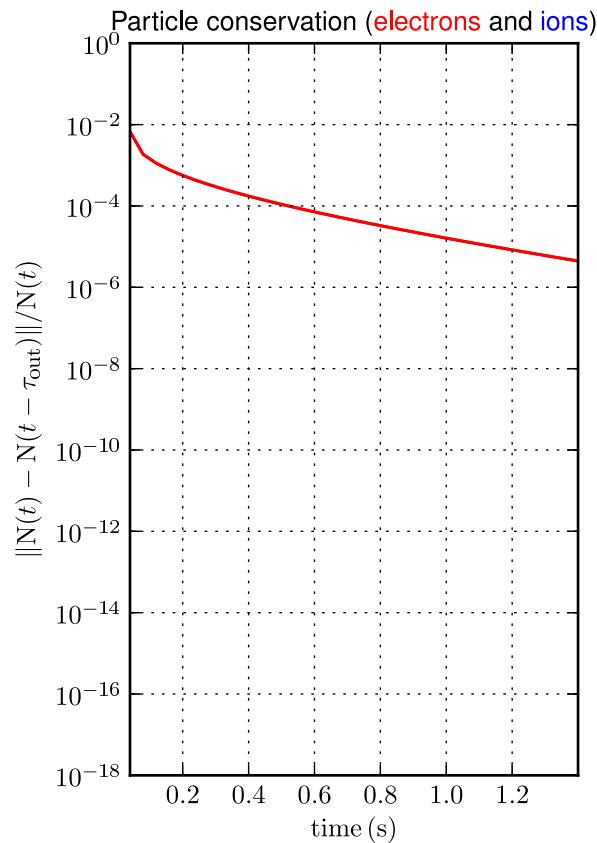
[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with initial solution - linear scale; total time and zoom over time



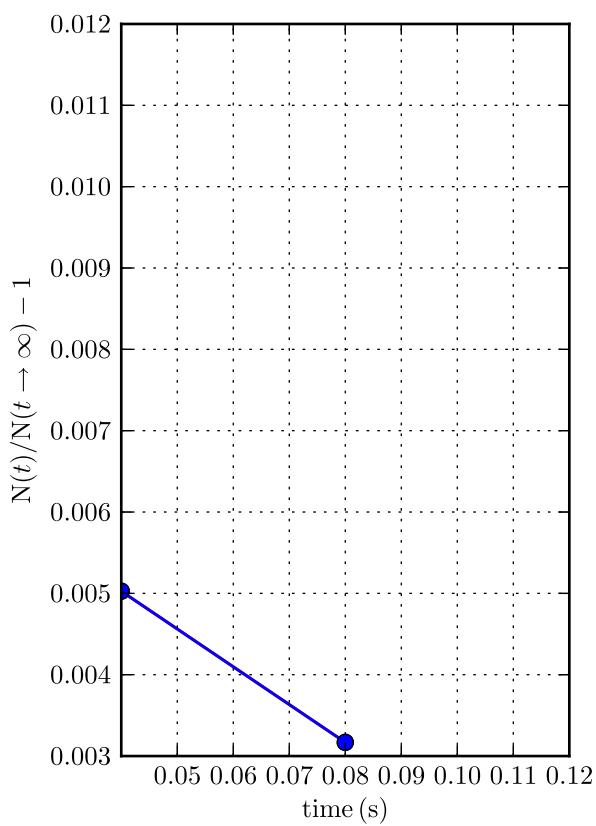
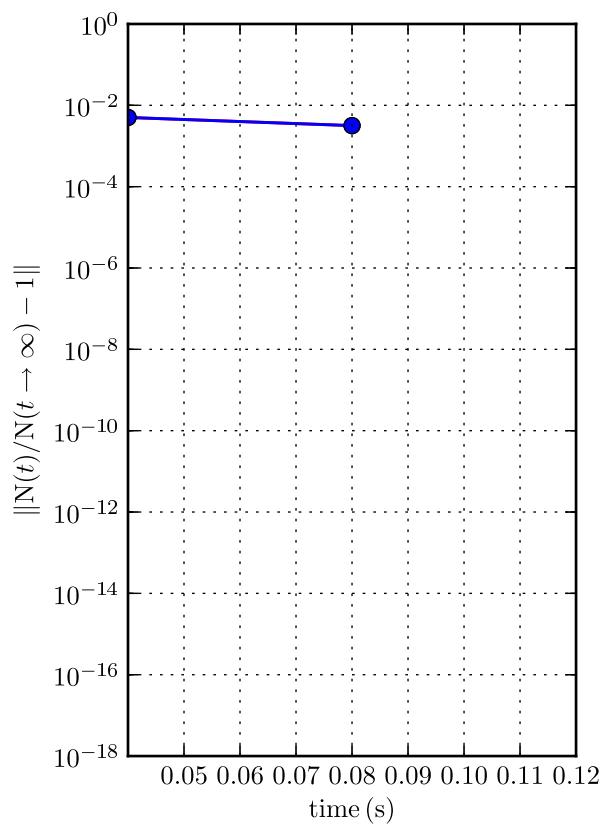
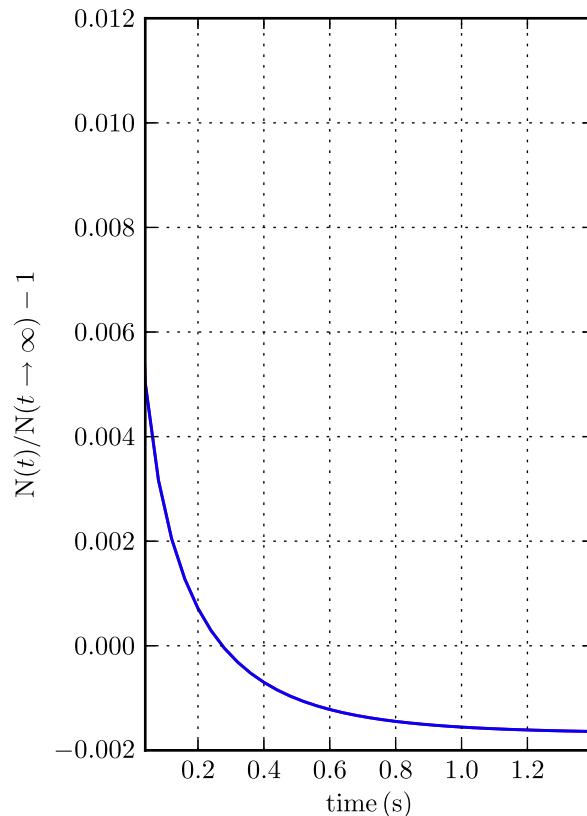
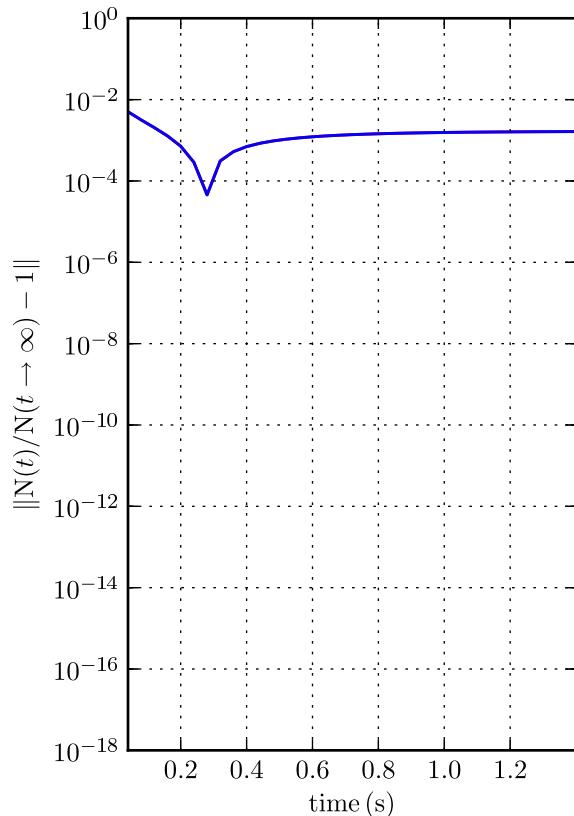
Part. & Energy conservation

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



Particle conservation

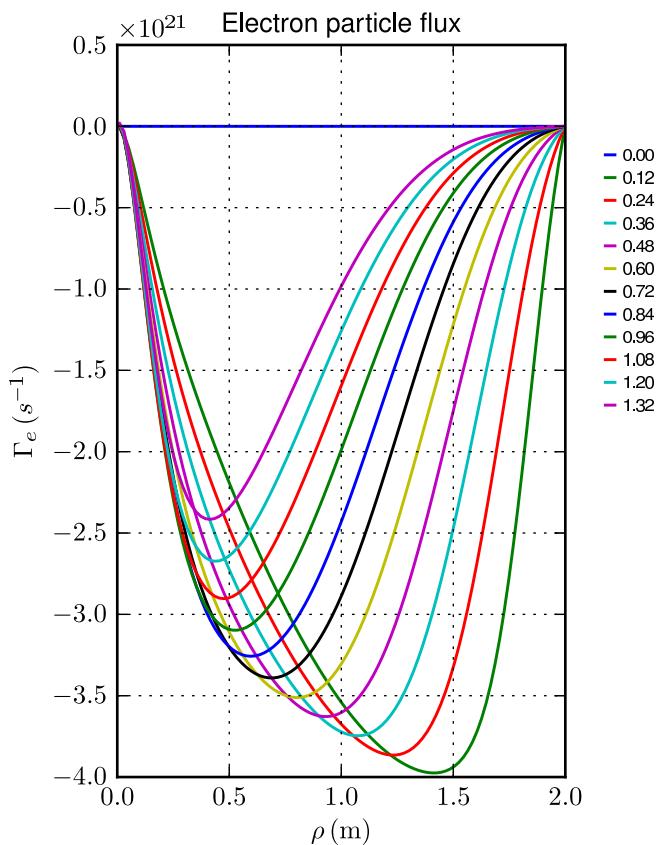
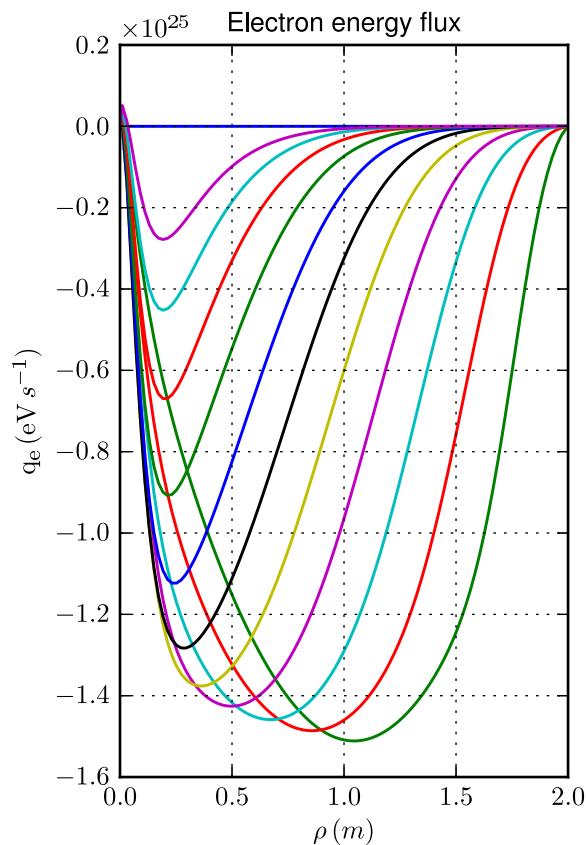
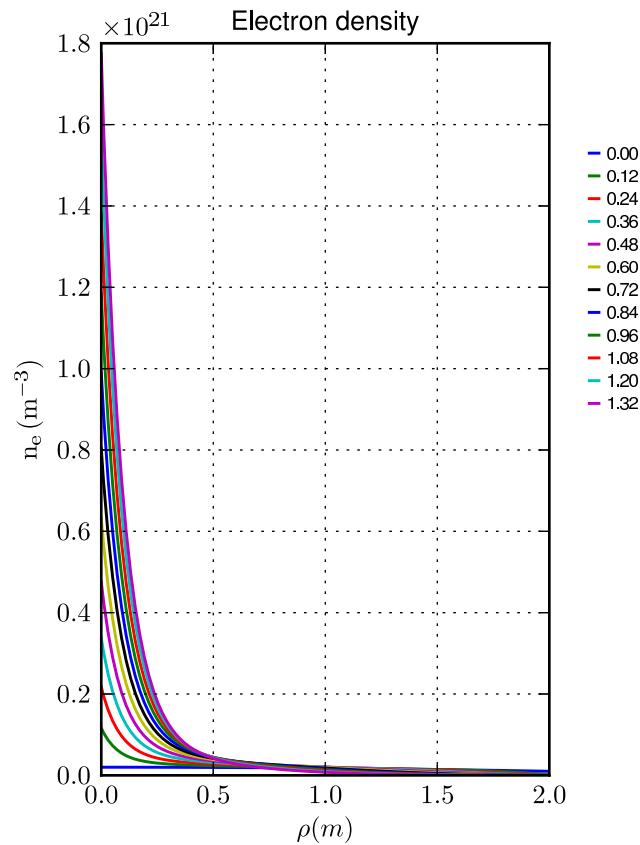
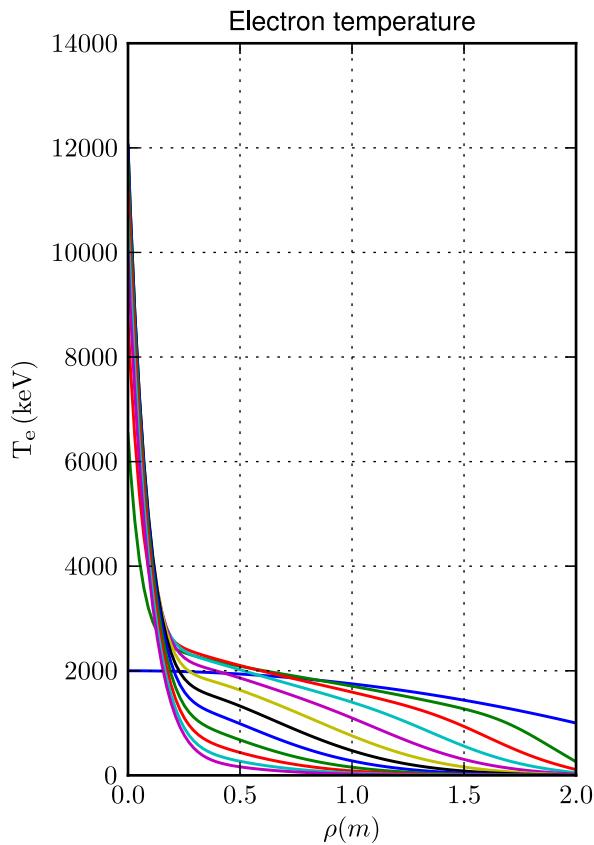
[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with asymptotic solution (**electrons** and **ions**); total time and zoom over time



Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: total simulation time/10

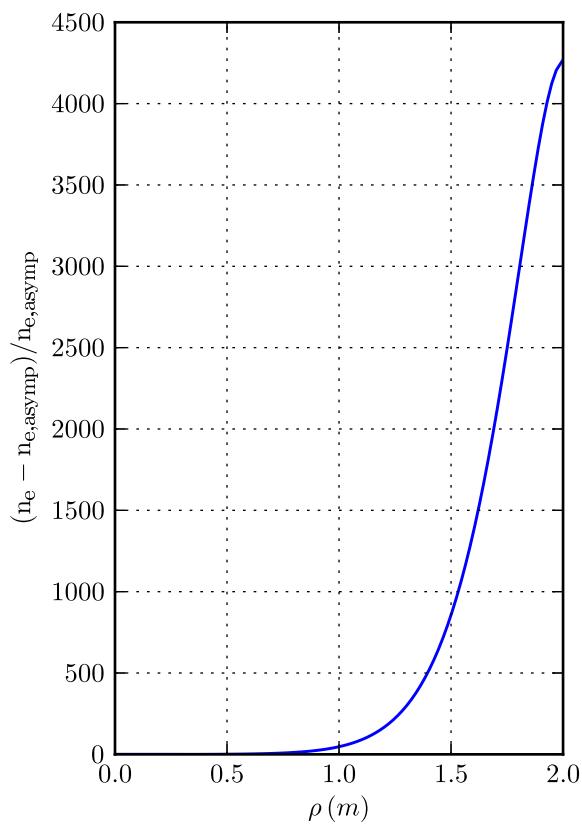


Profiles

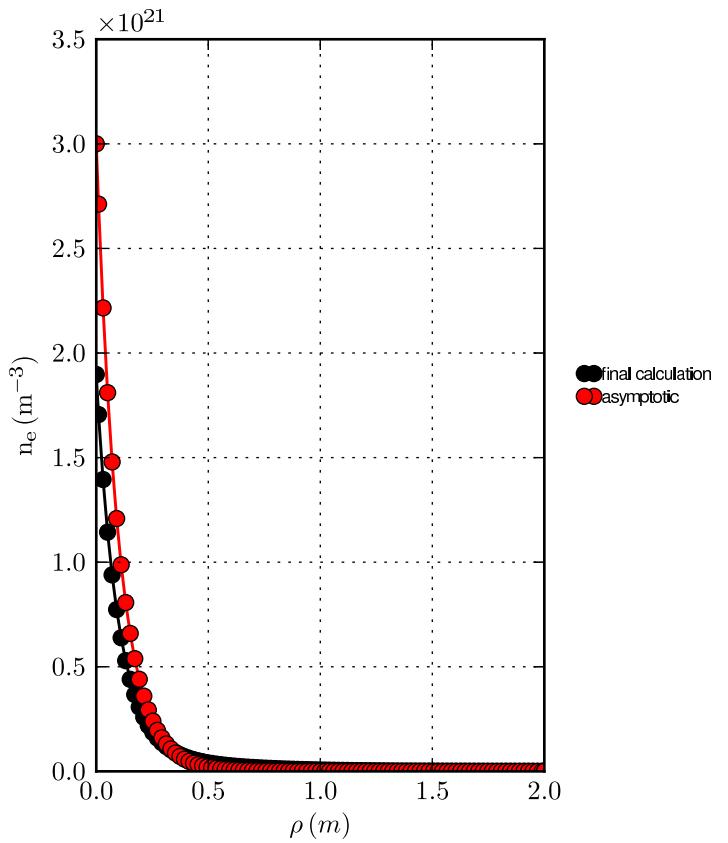
[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

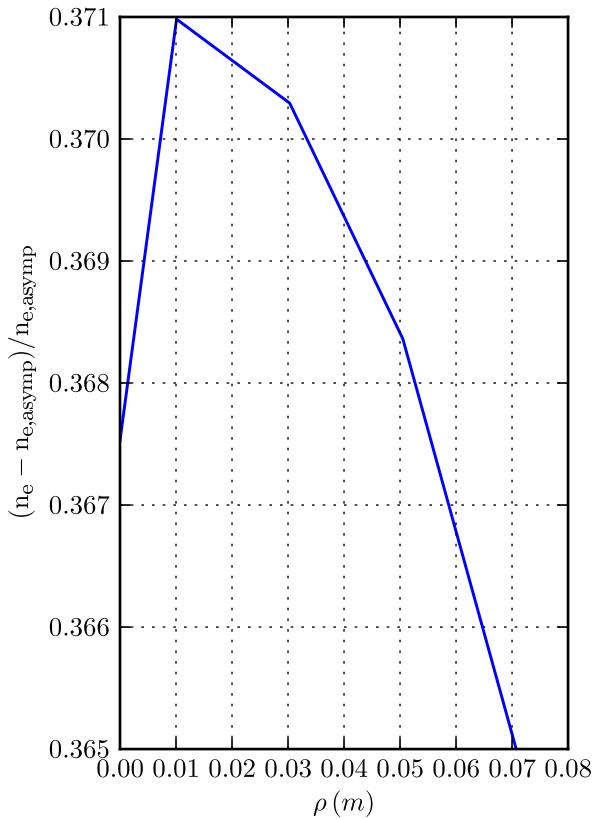
Electron density relative error



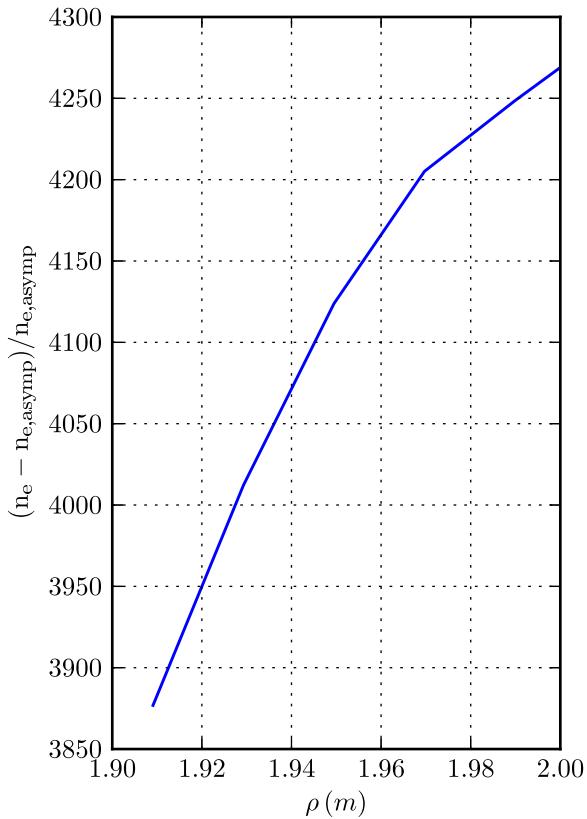
Electron density



Error: zoom over axis



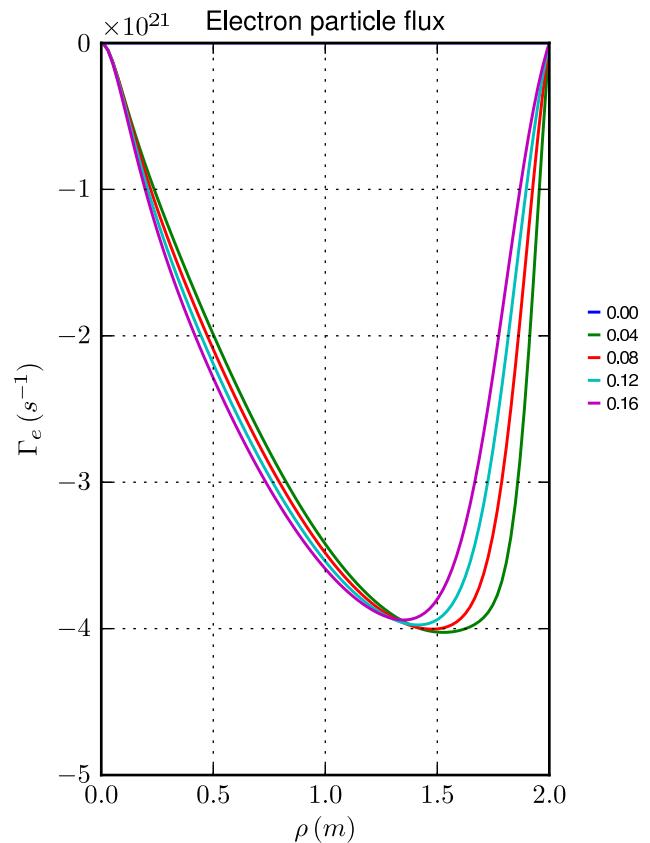
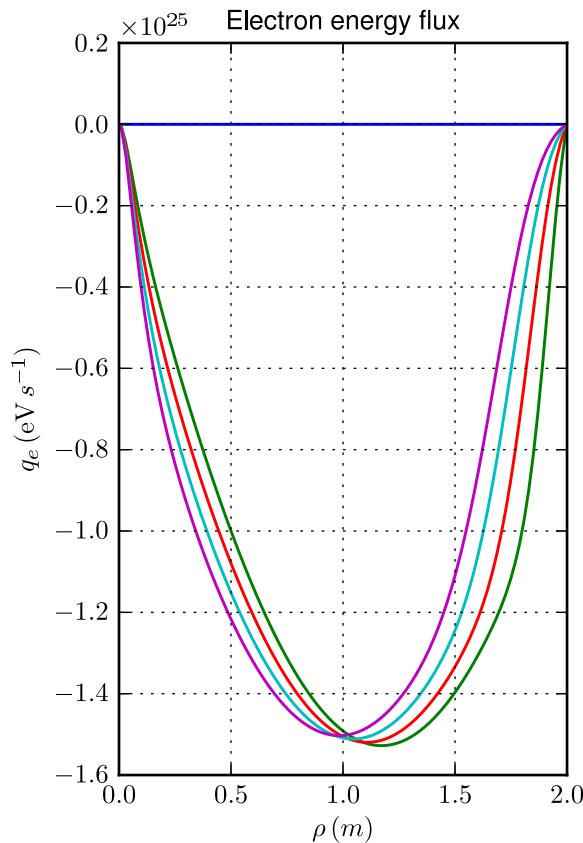
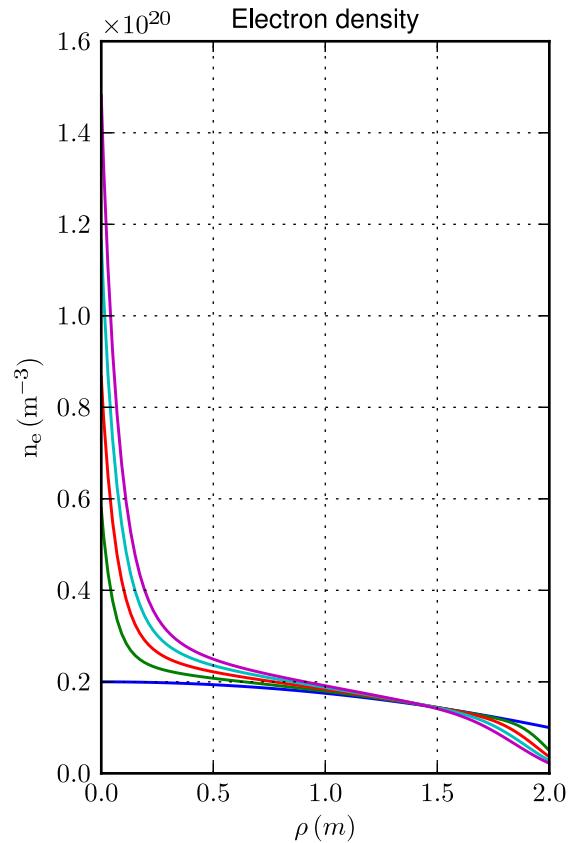
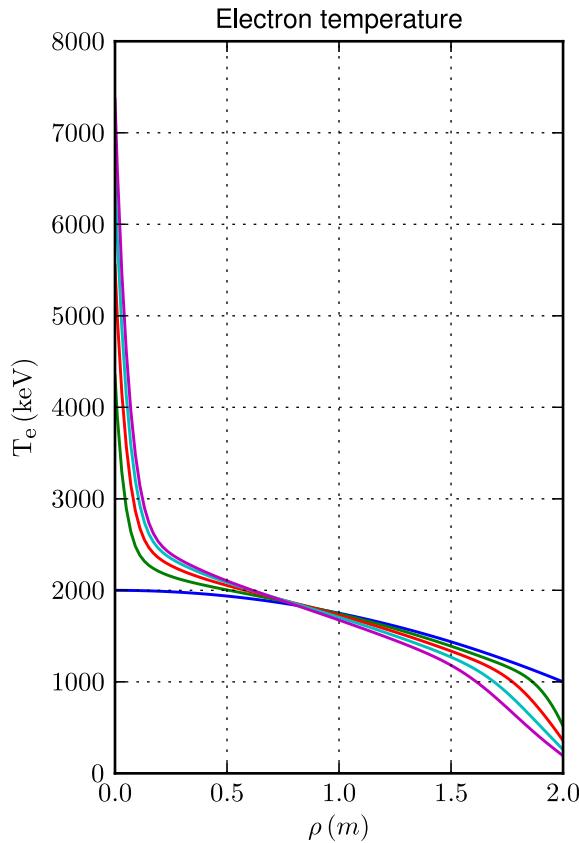
Error: zoom over edge



Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

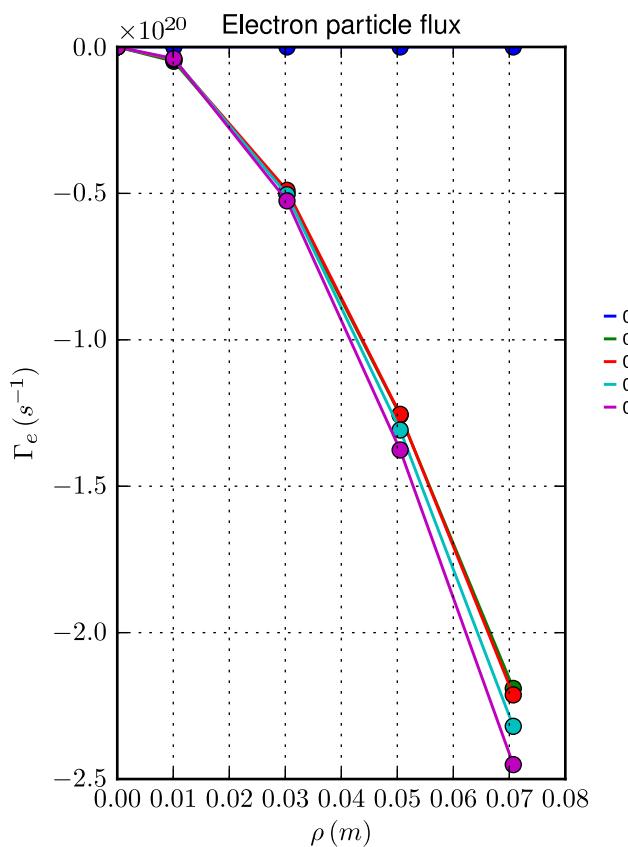
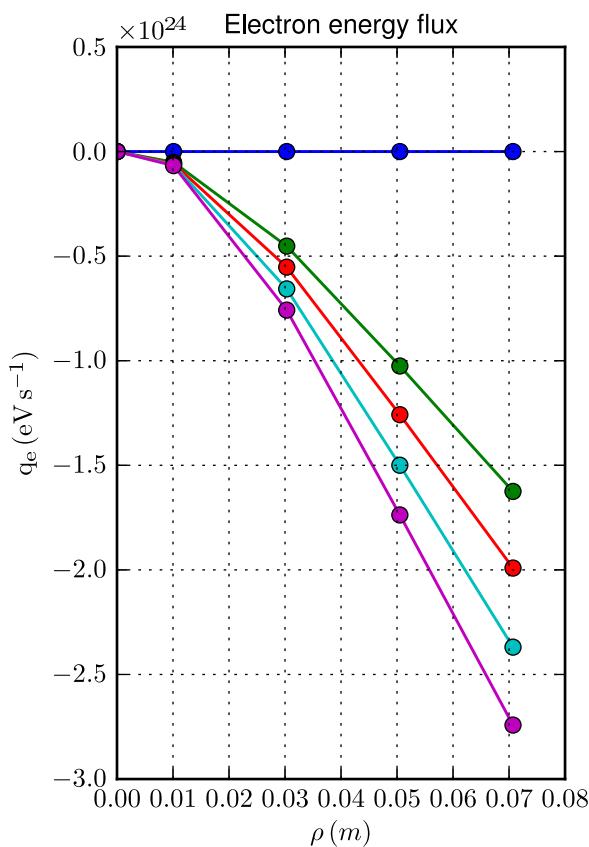
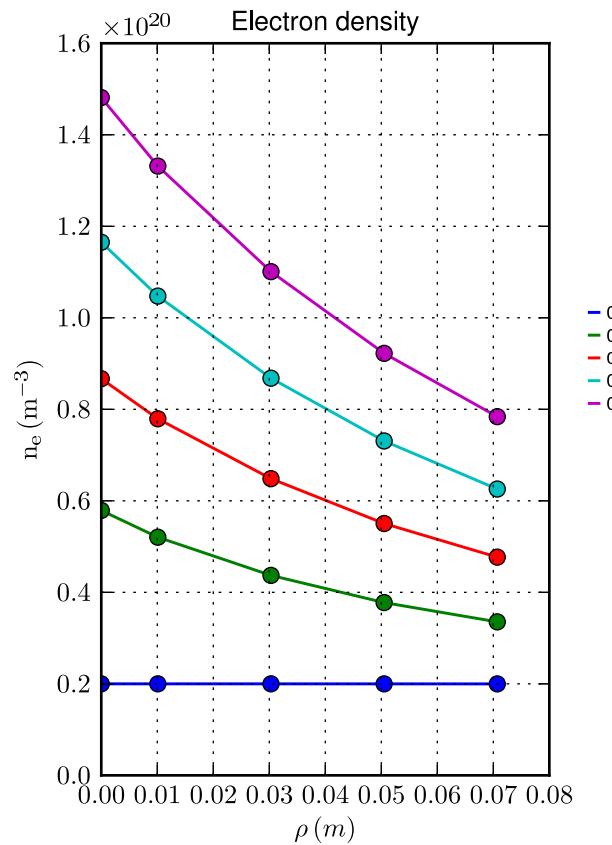
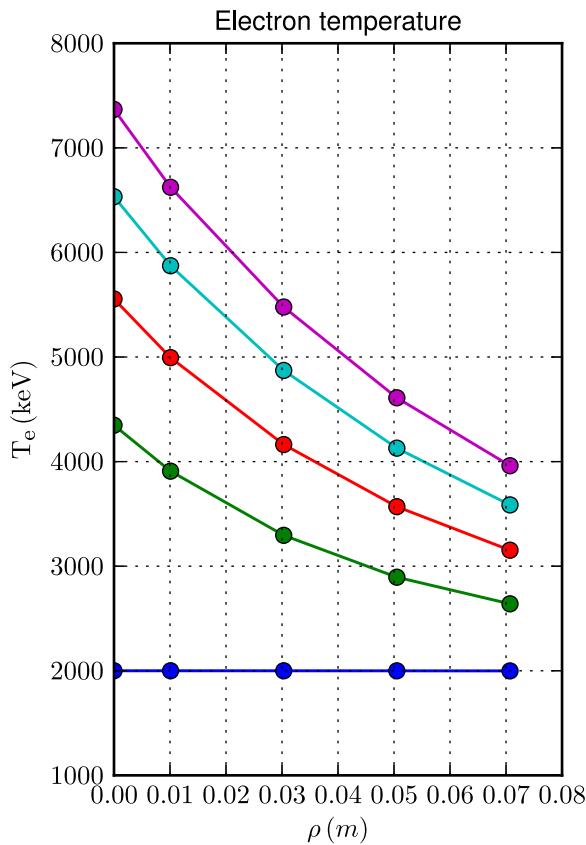


Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

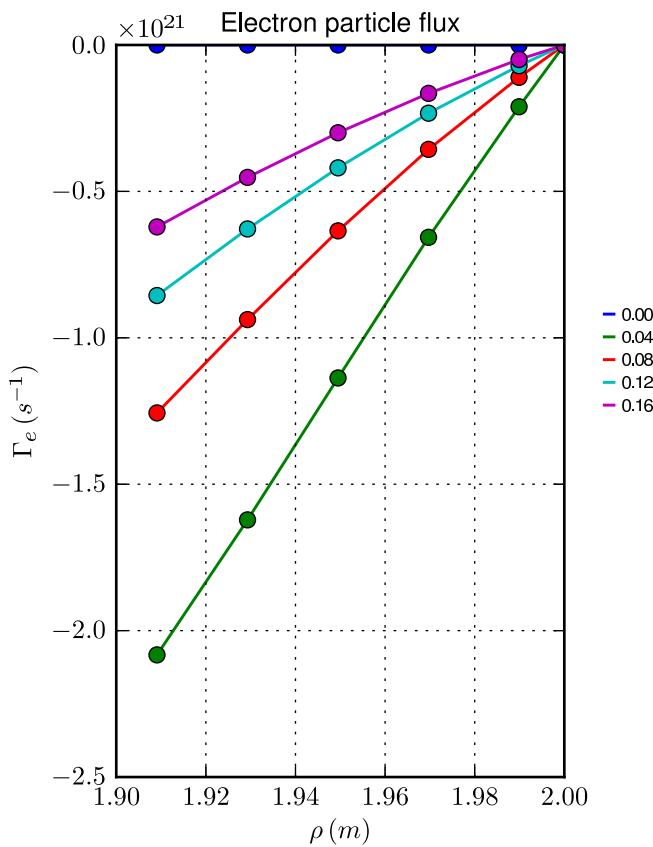
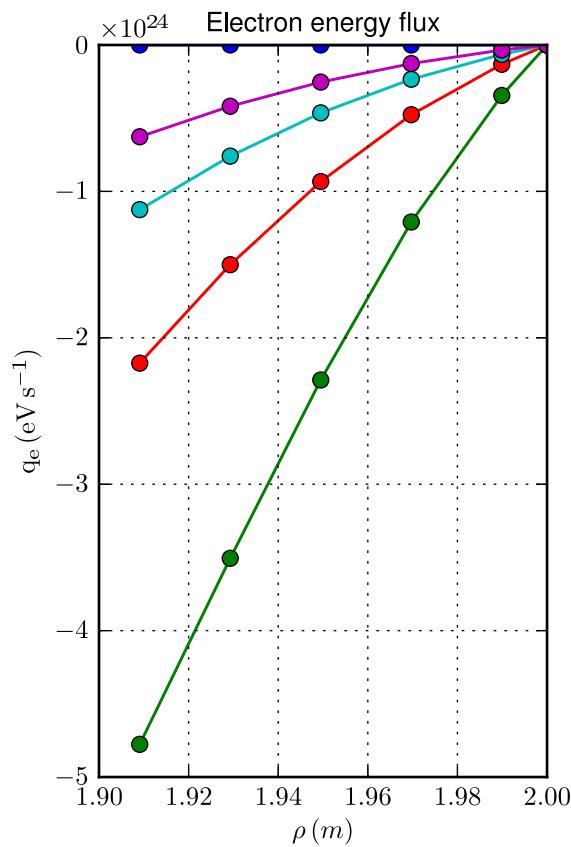
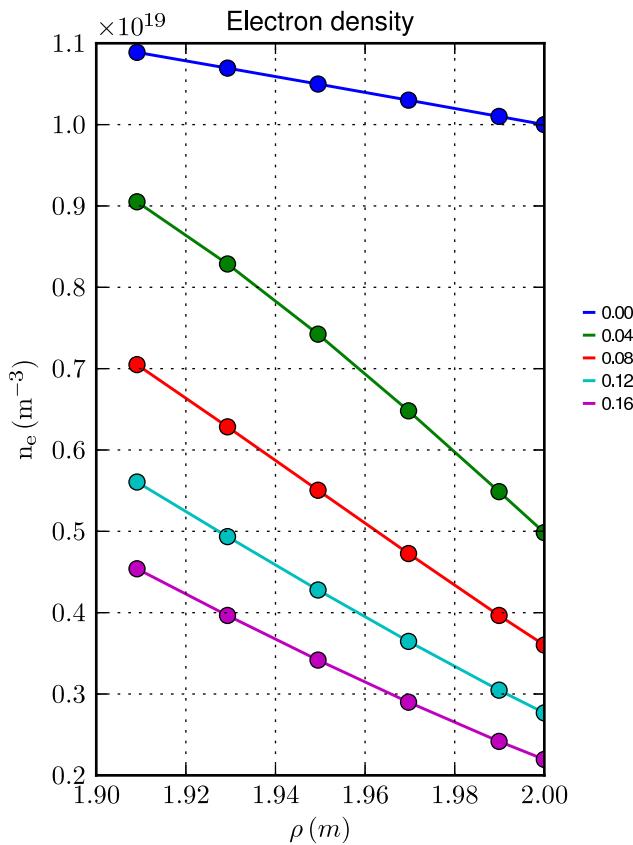
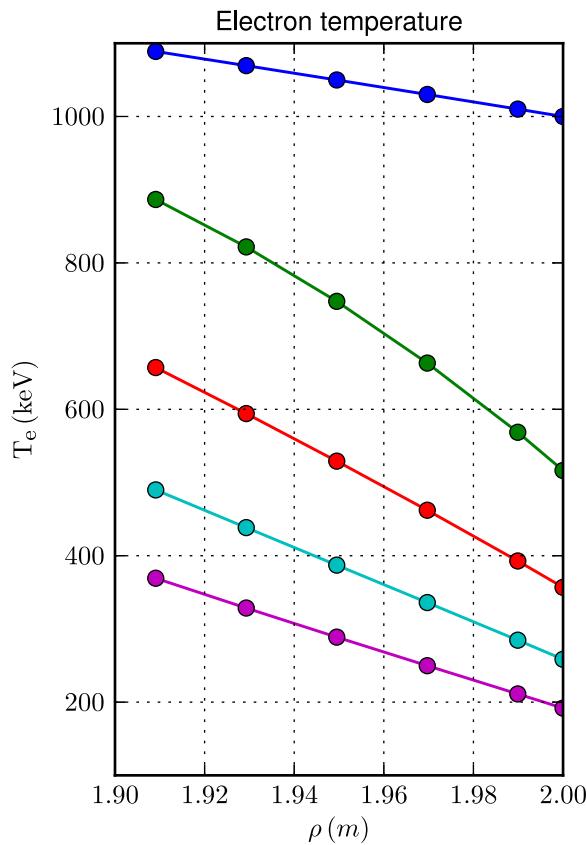


Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Spatial zoom over edge

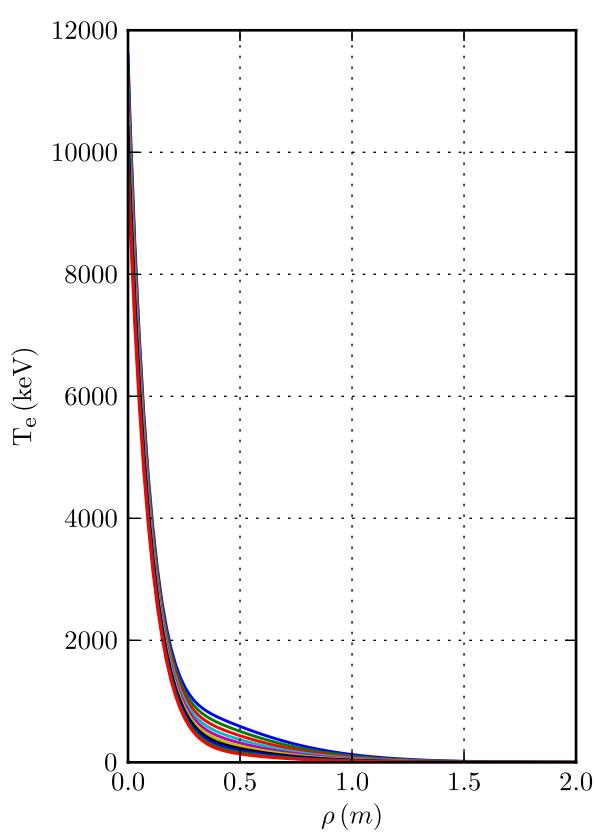
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$



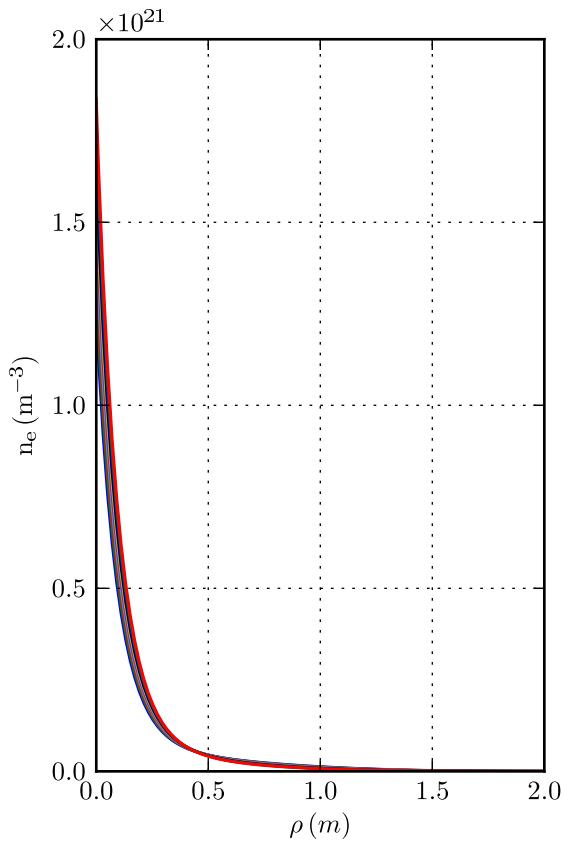
Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

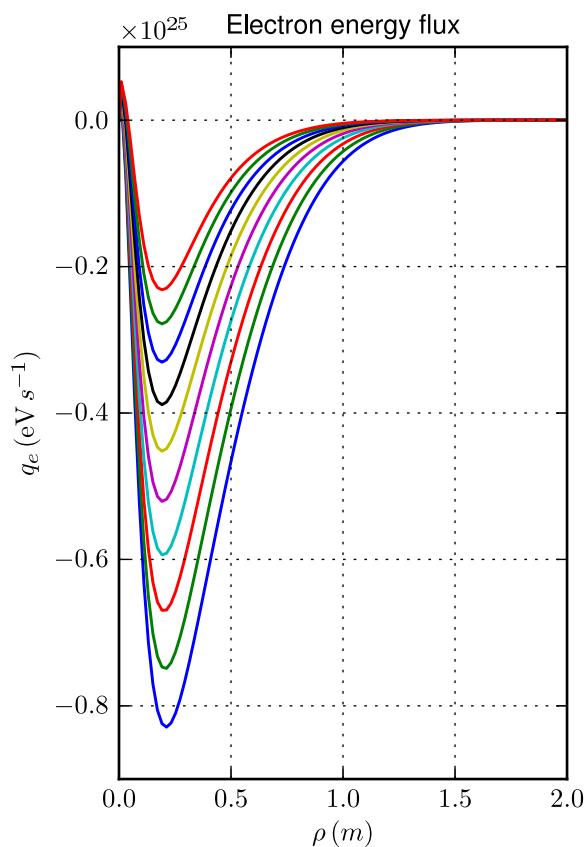
Electron temperature



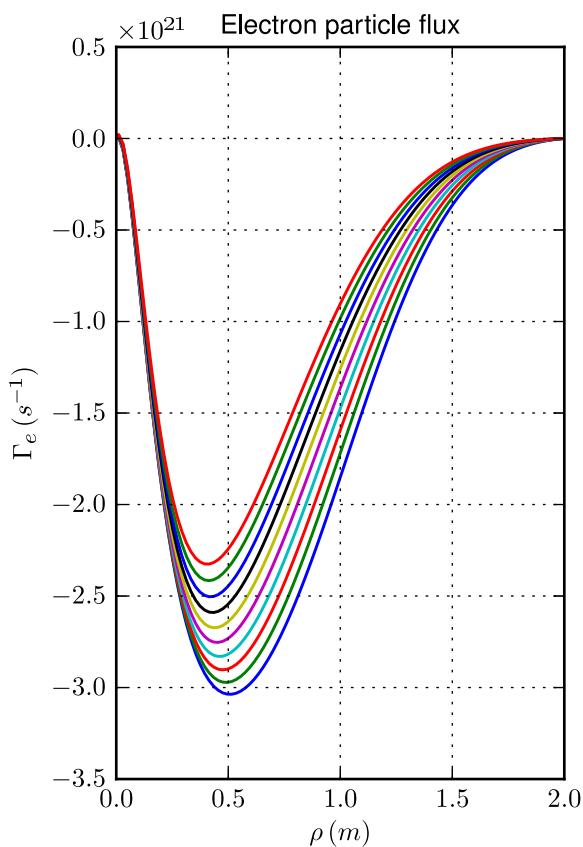
Electron density



Electron energy flux



Electron particle flux

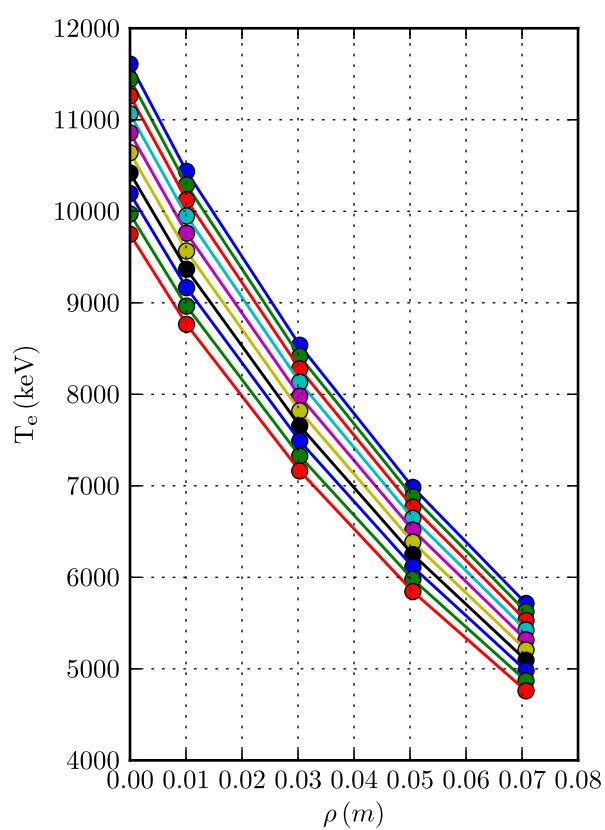


Profiles

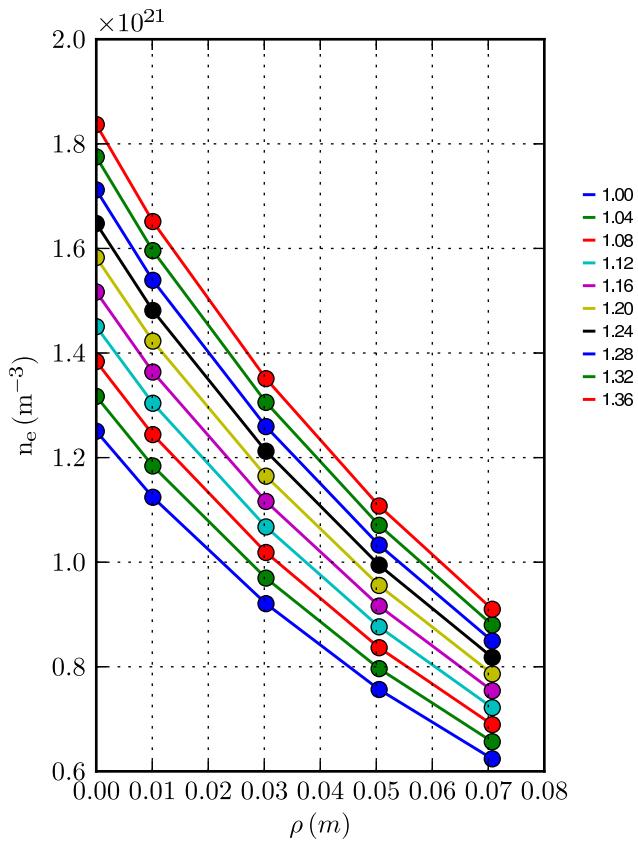
[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis; time sampling: last 10 time slices

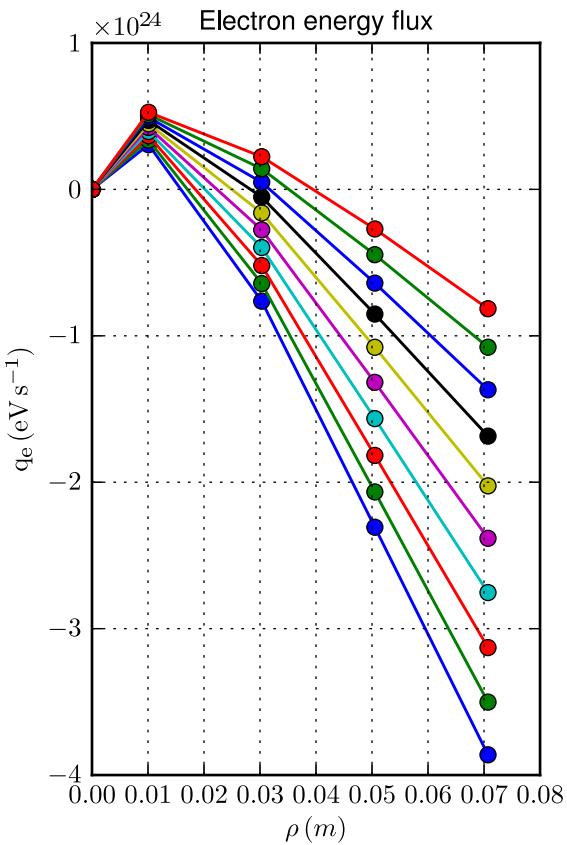
Electron temperature



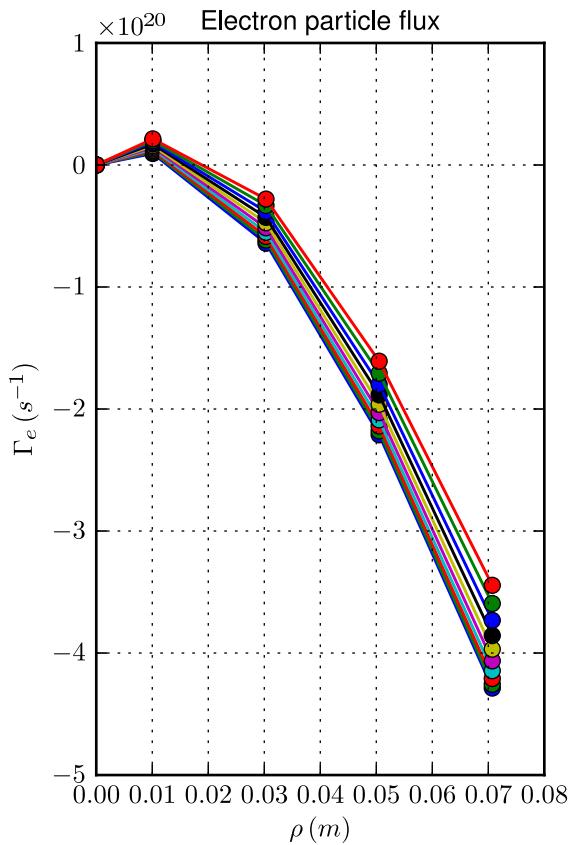
Electron density



Electron energy flux



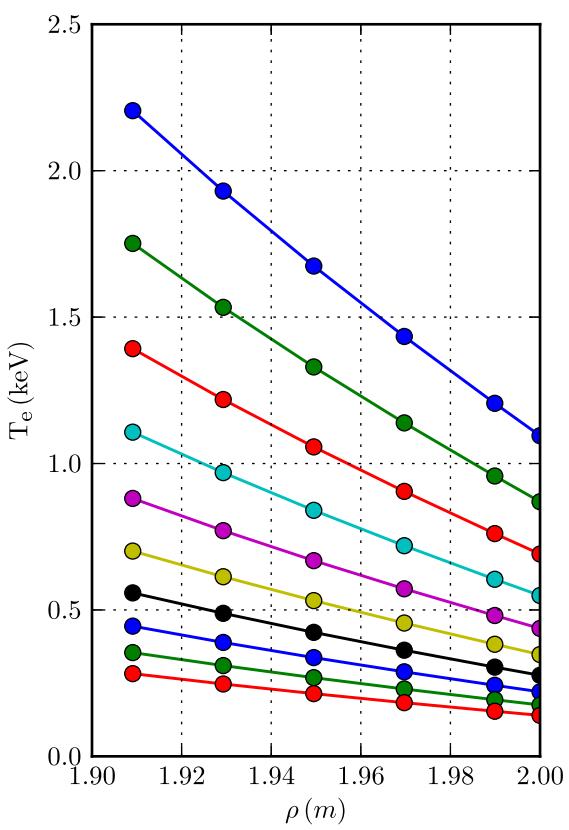
Electron particle flux



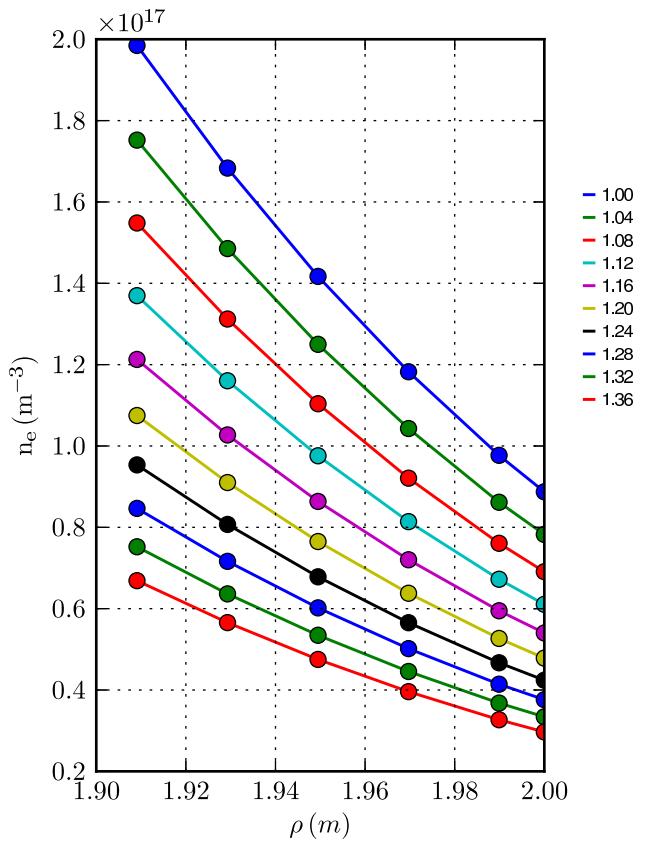
Profiles

[Case: I.1.5.j, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Spatial zoom over edge; time sampling: last 10 time slices

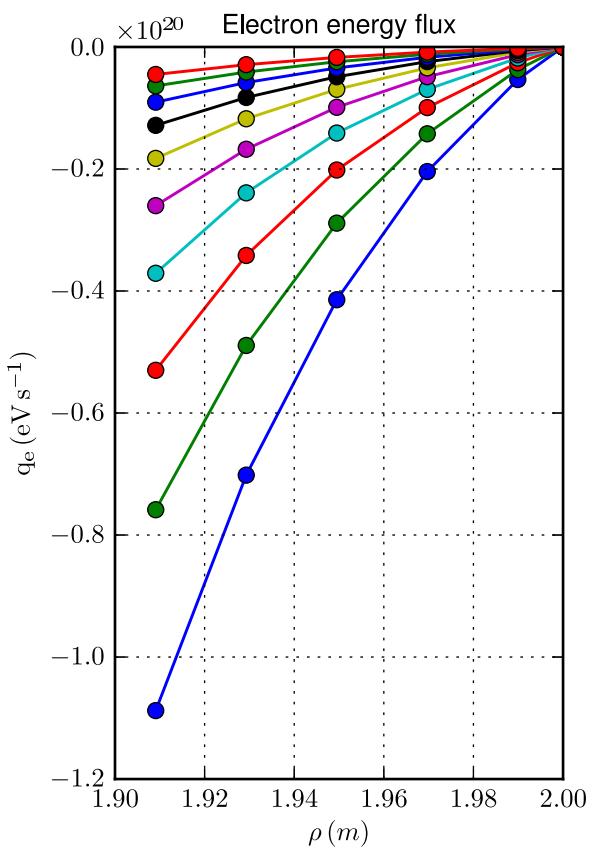
Electron temperature



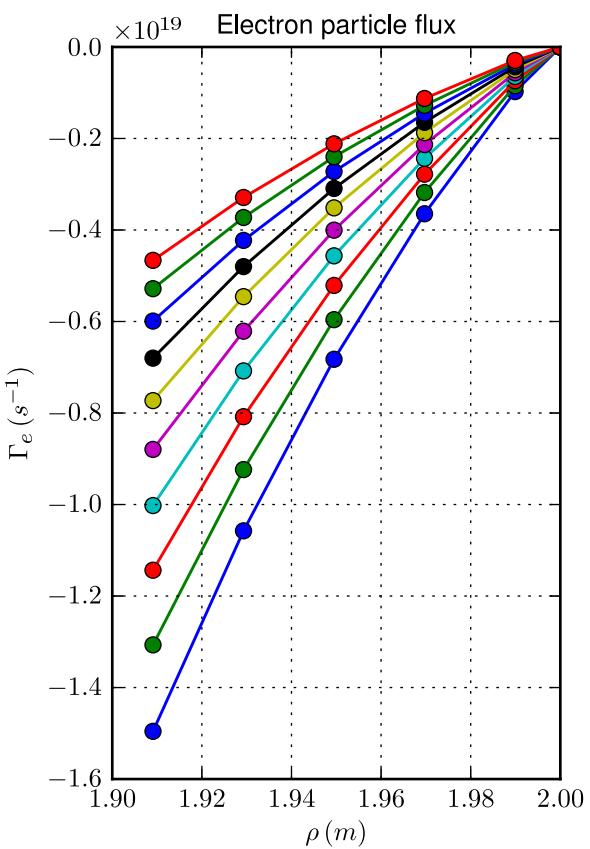
Electron density



Electron energy flux



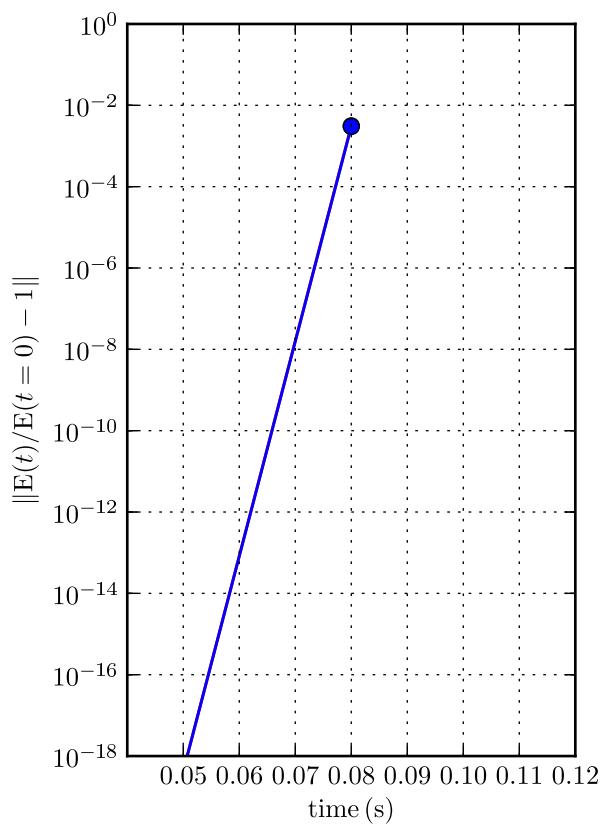
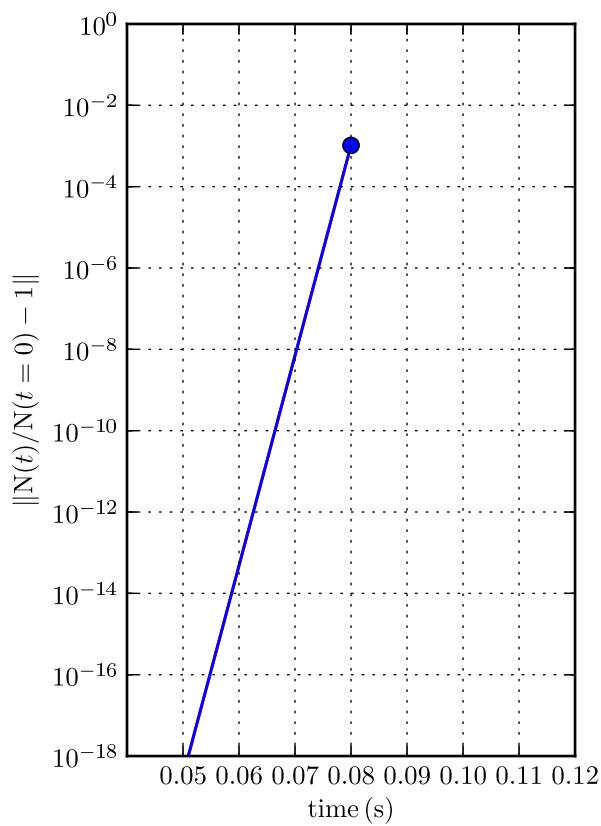
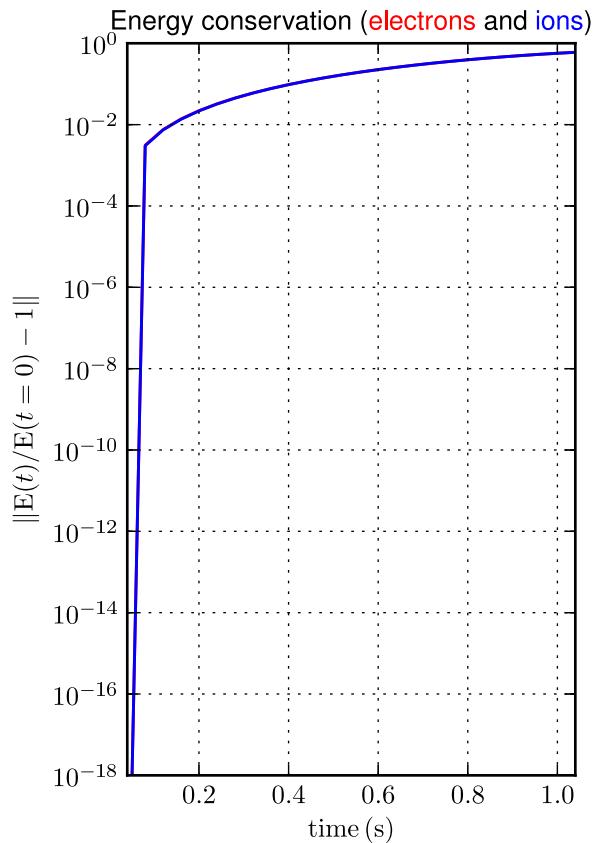
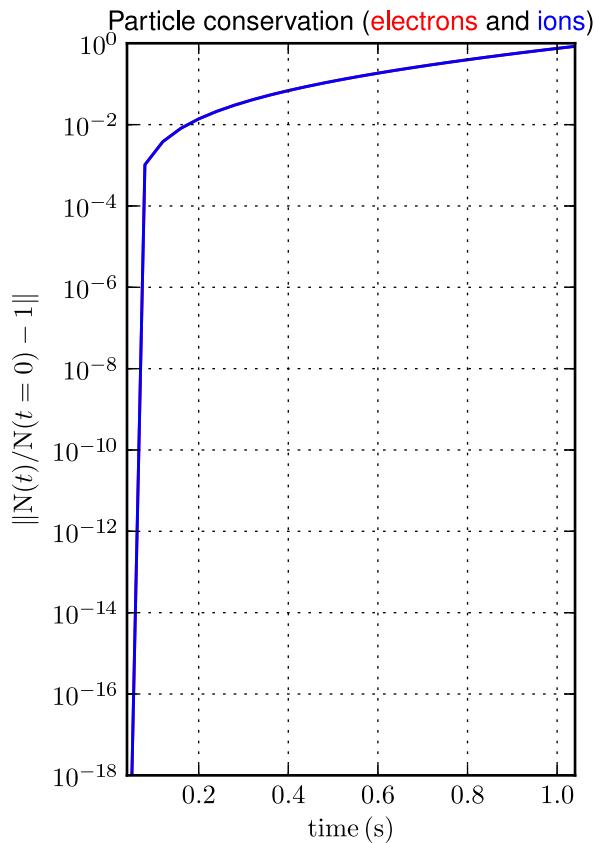
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

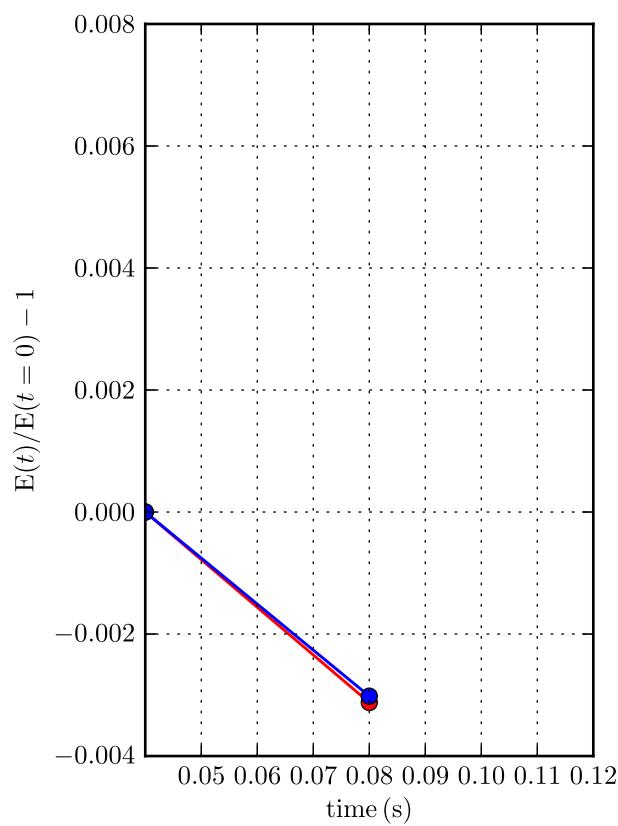
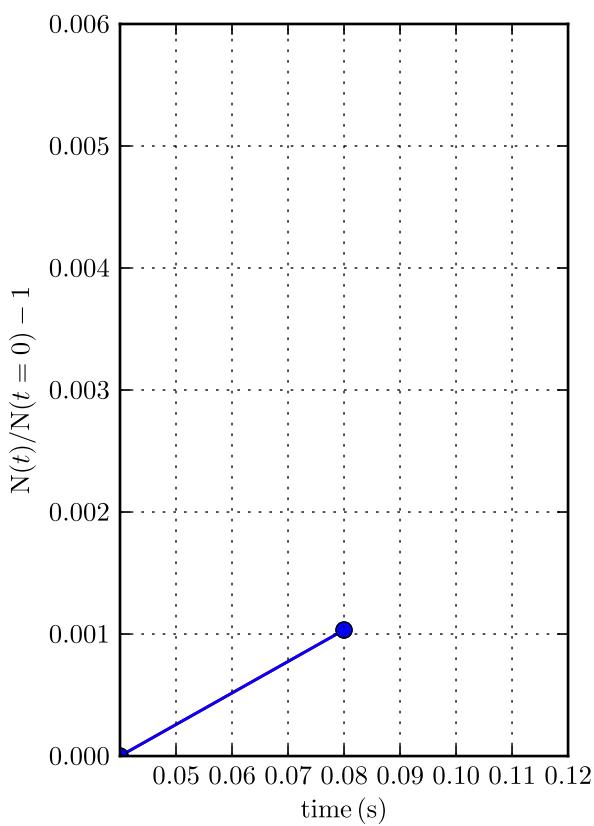
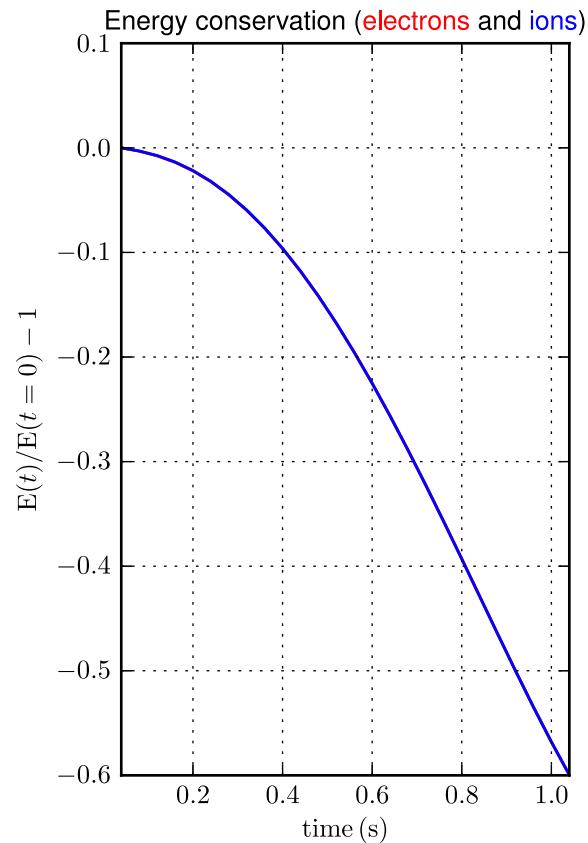
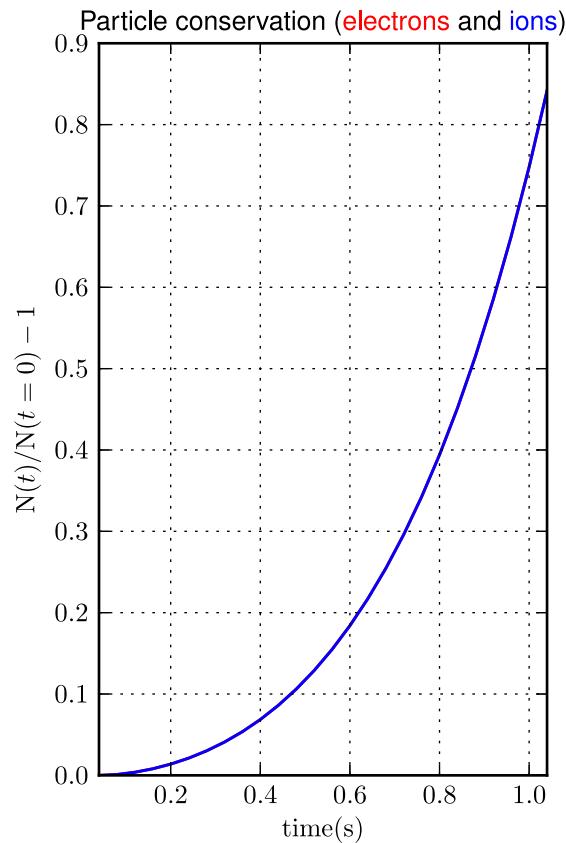
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

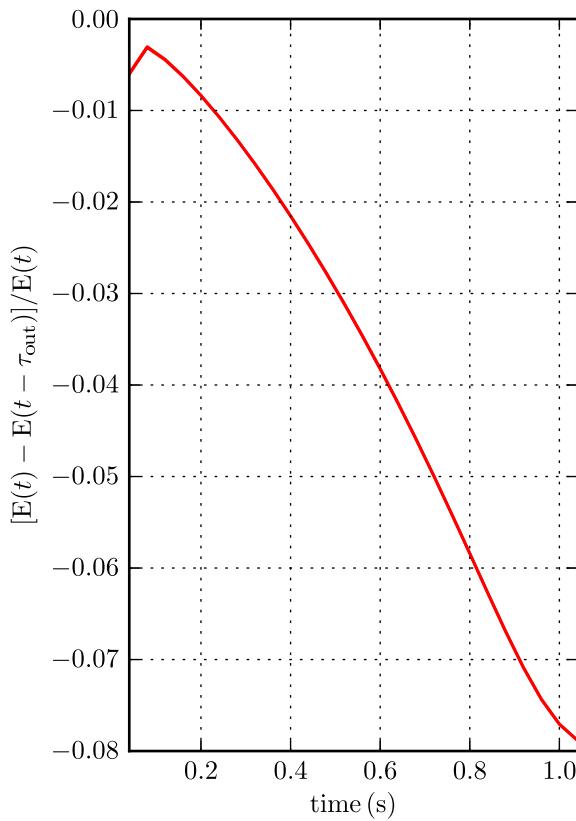
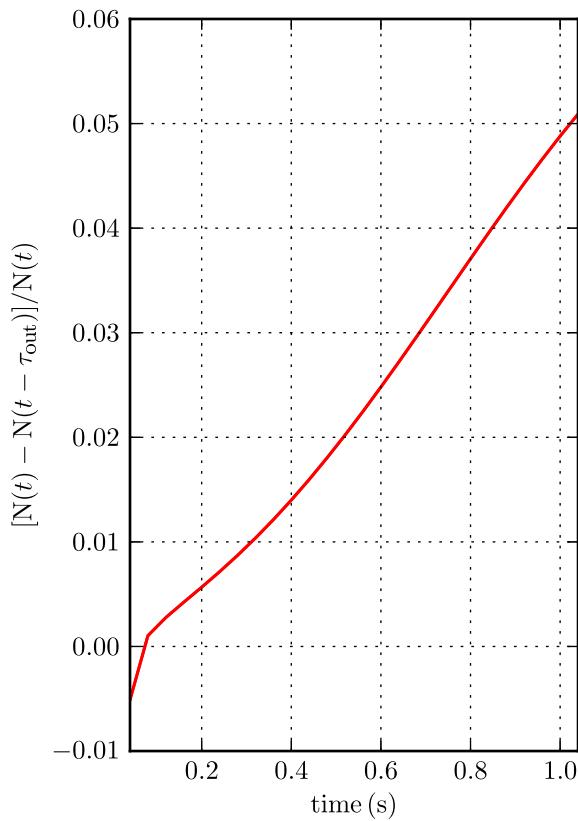
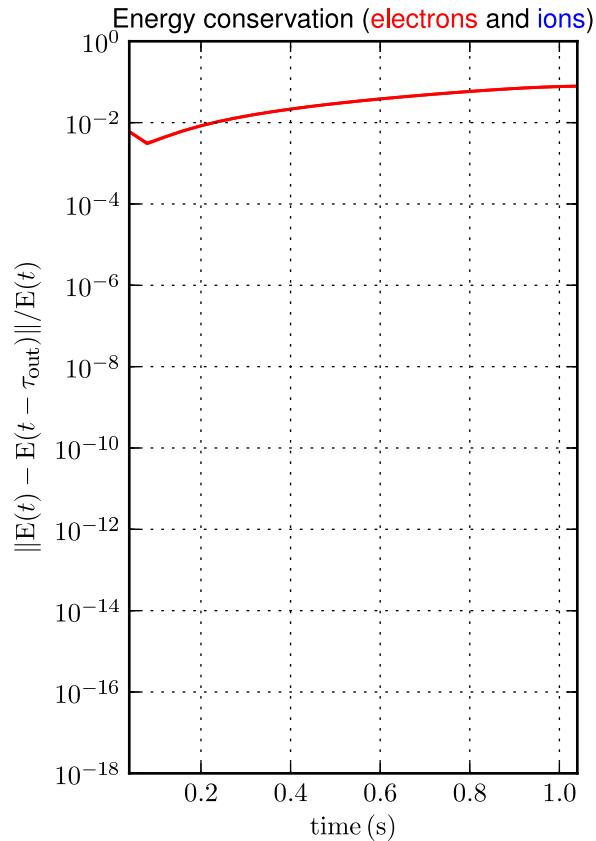
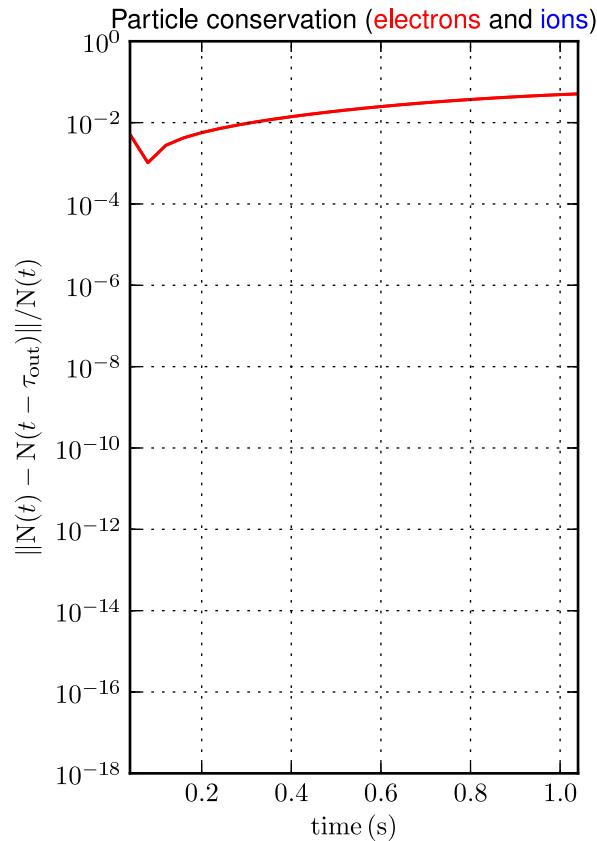
[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with initial solution - linear scale; total time and zoom over time



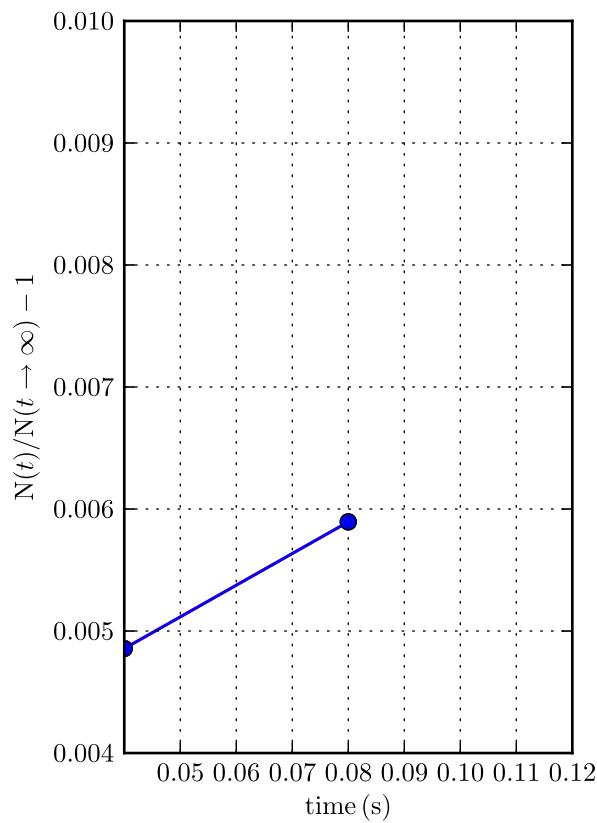
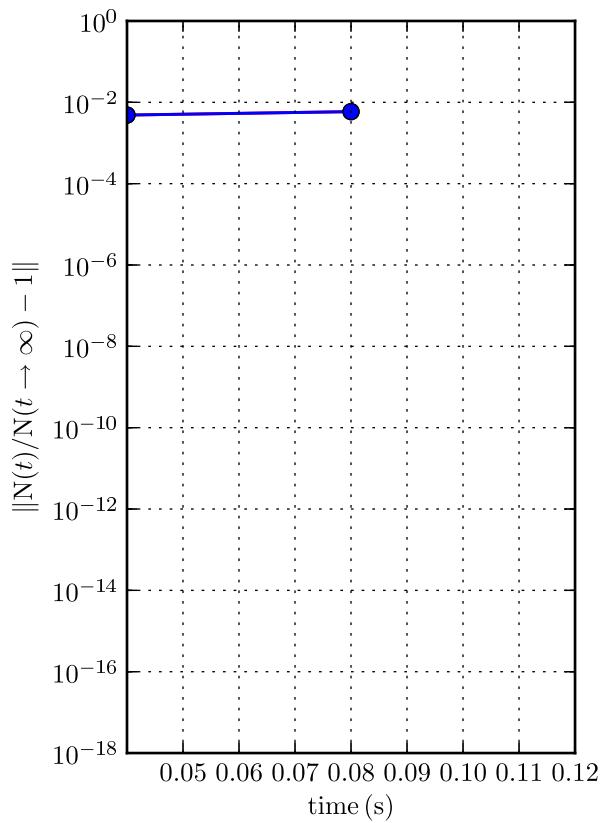
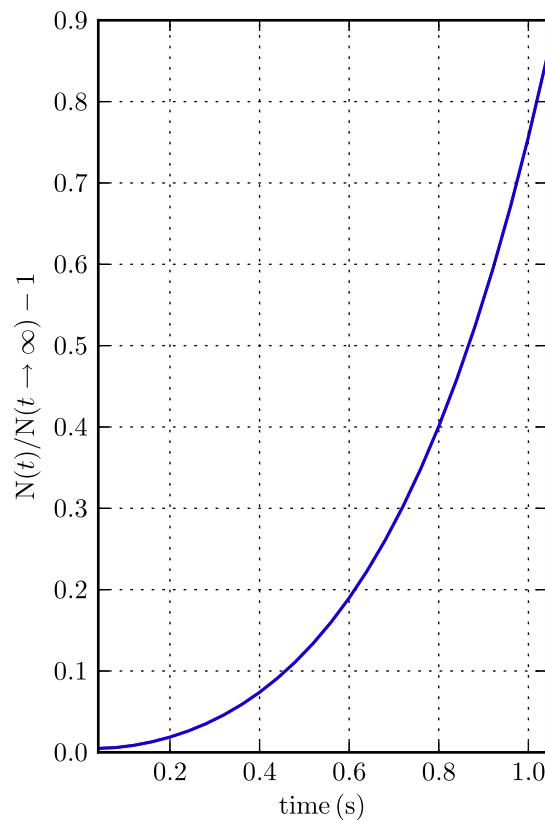
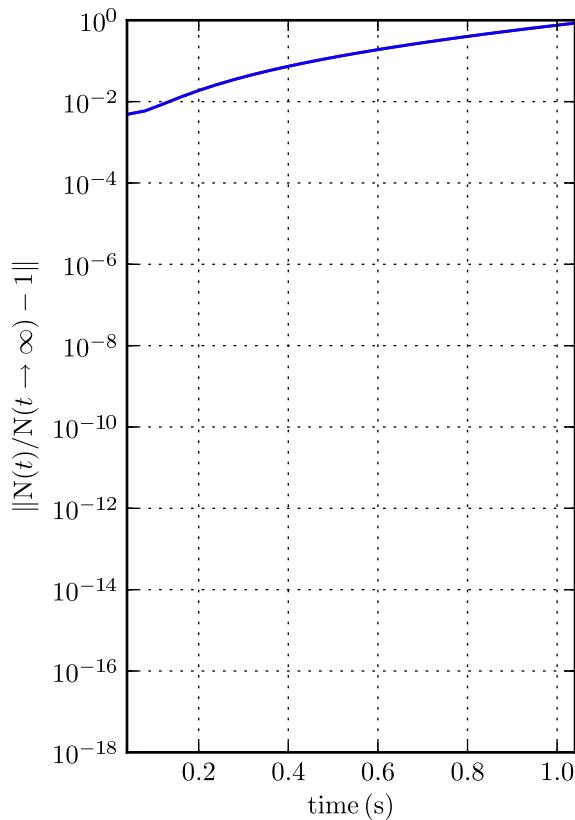
Part. & Energy conservation

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



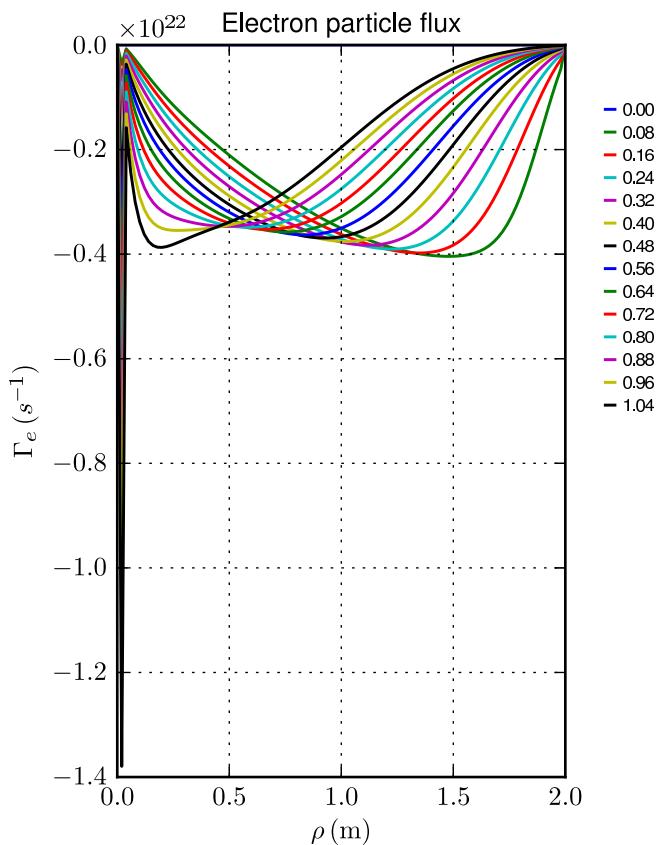
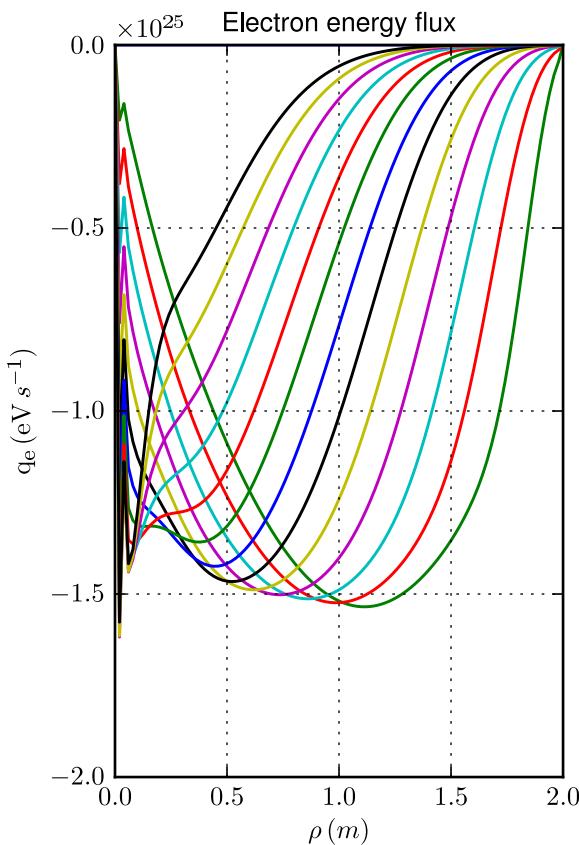
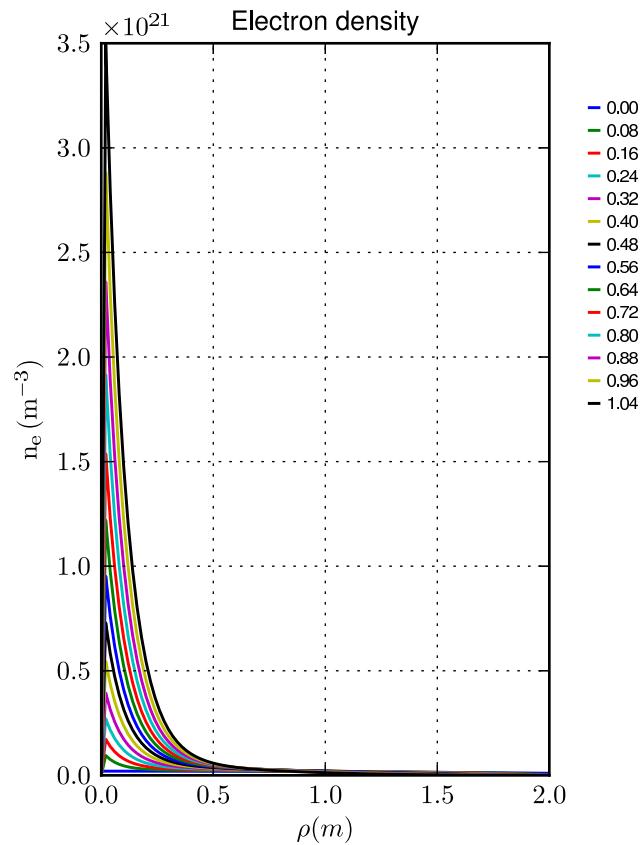
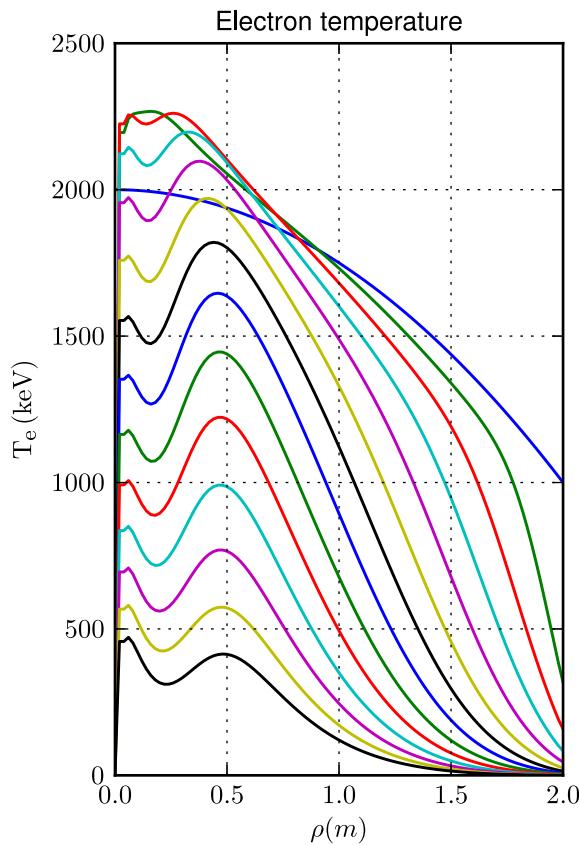
Particle conservation

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with asymptotic solution (**electrons** and **ions**); total time and zoom over time



Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Time sampling: total simulation time/10

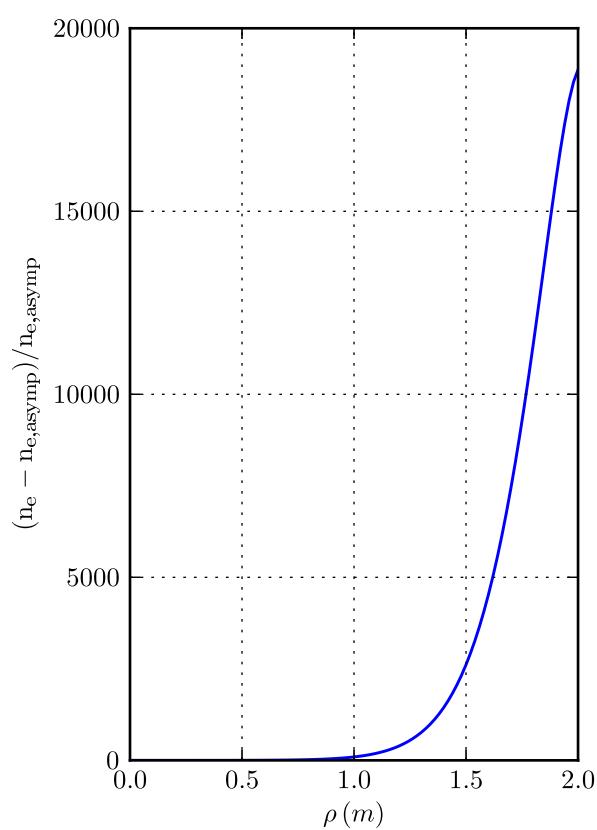


Profiles

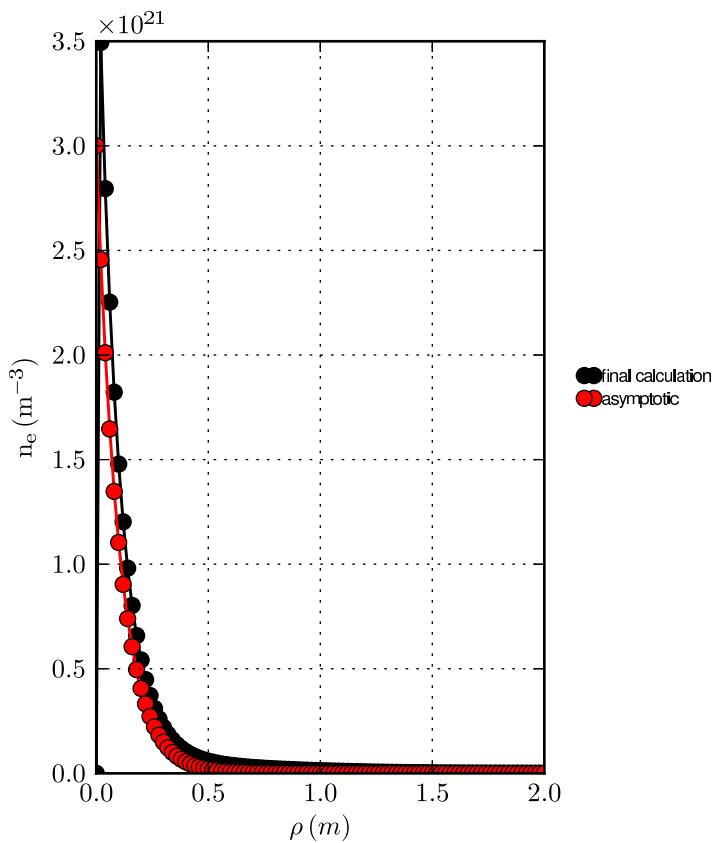
[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

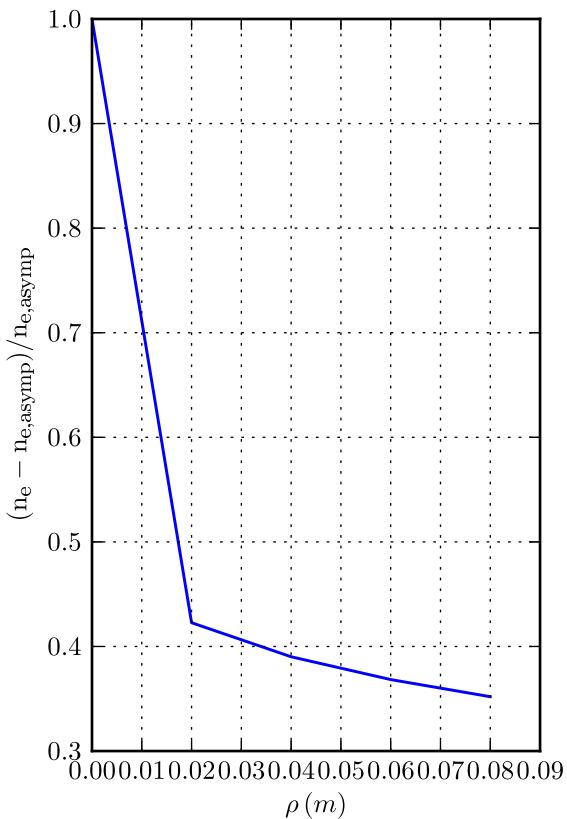
Electron density relative error



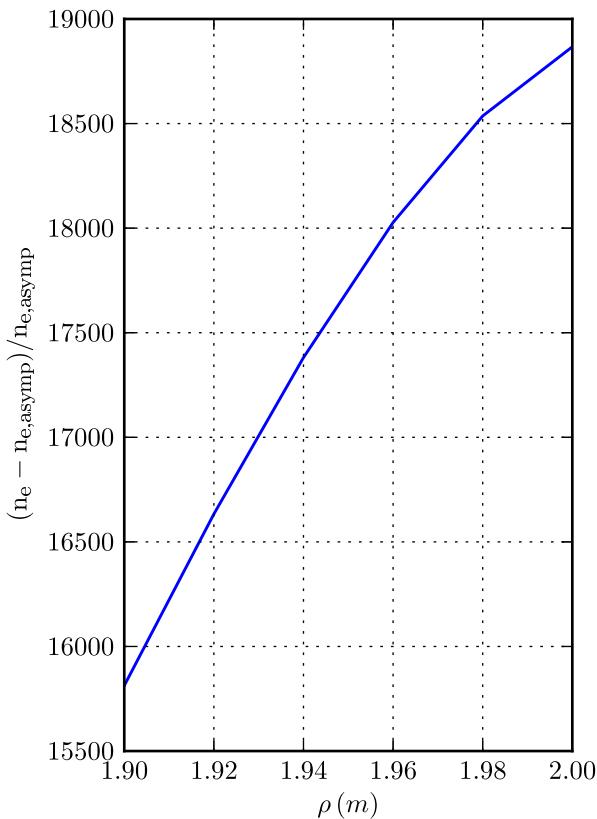
Electron density



Error: zoom over axis



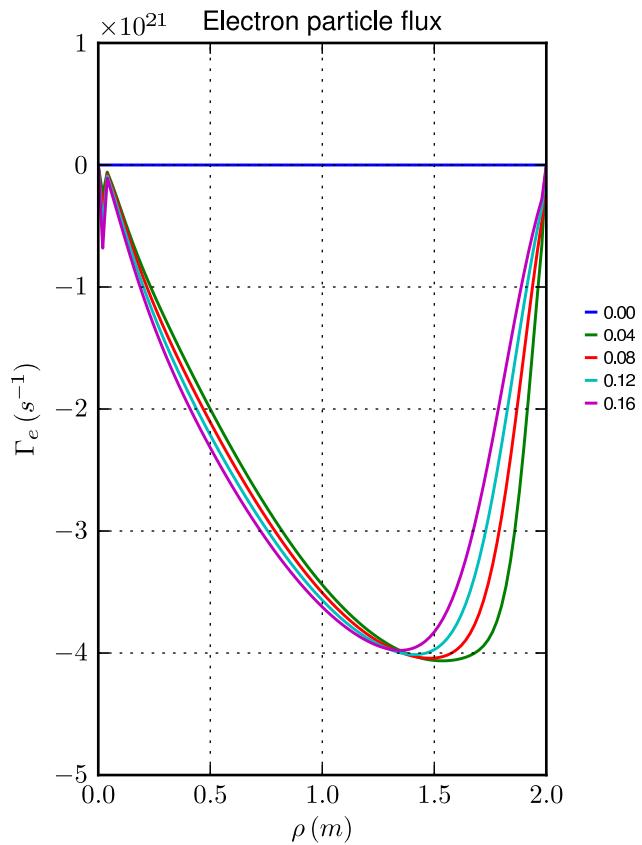
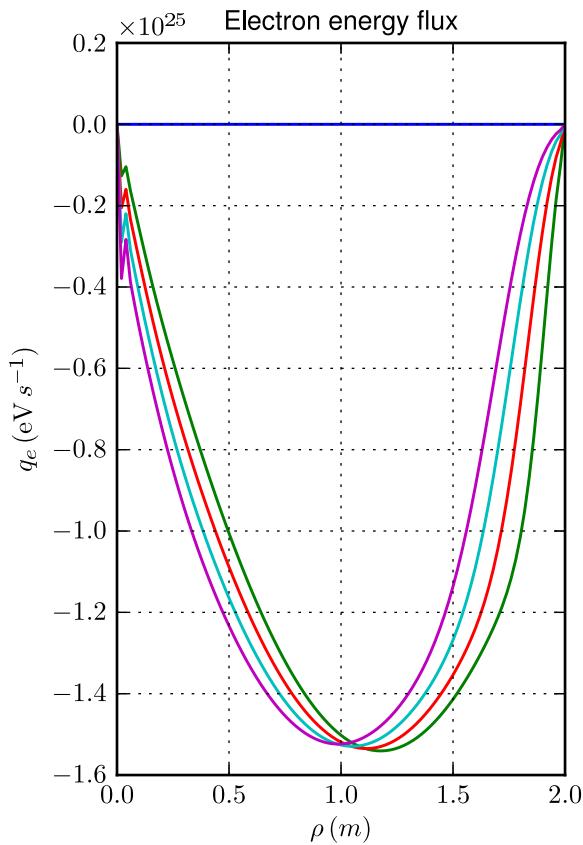
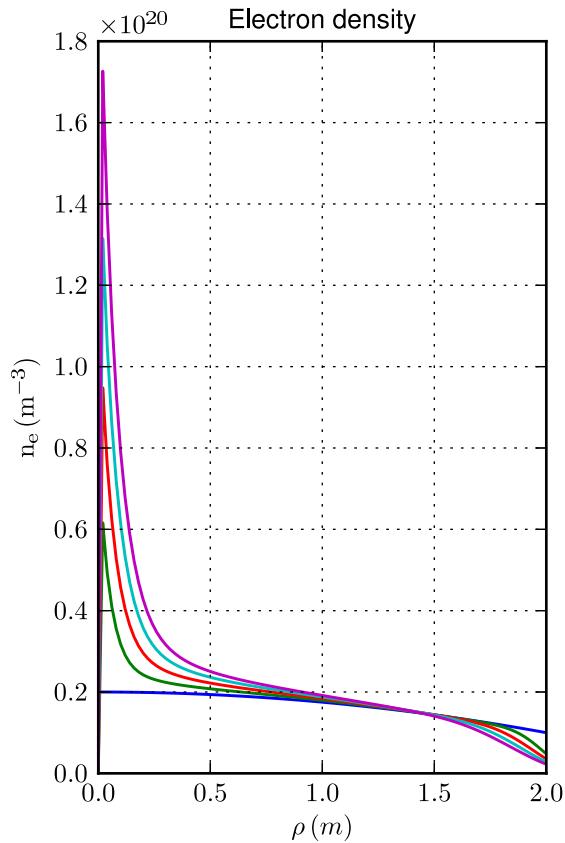
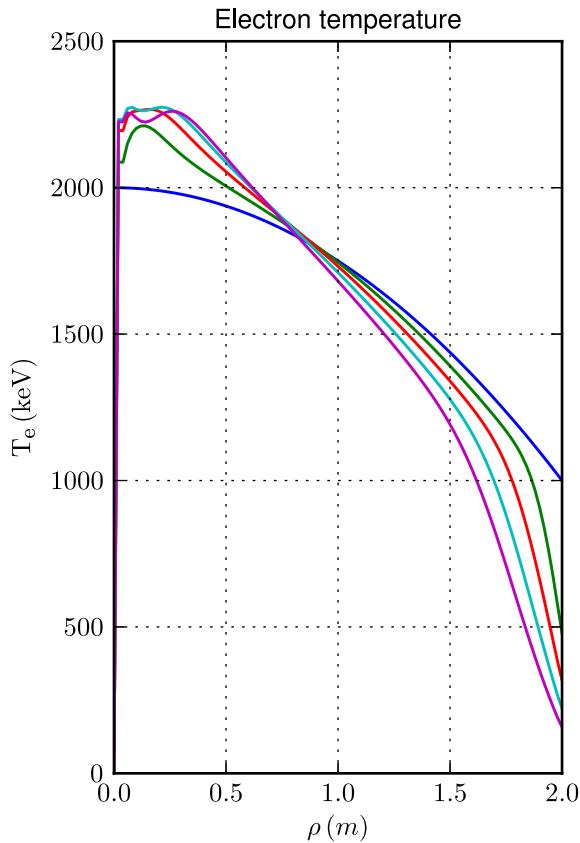
Error: zoom over edge



Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

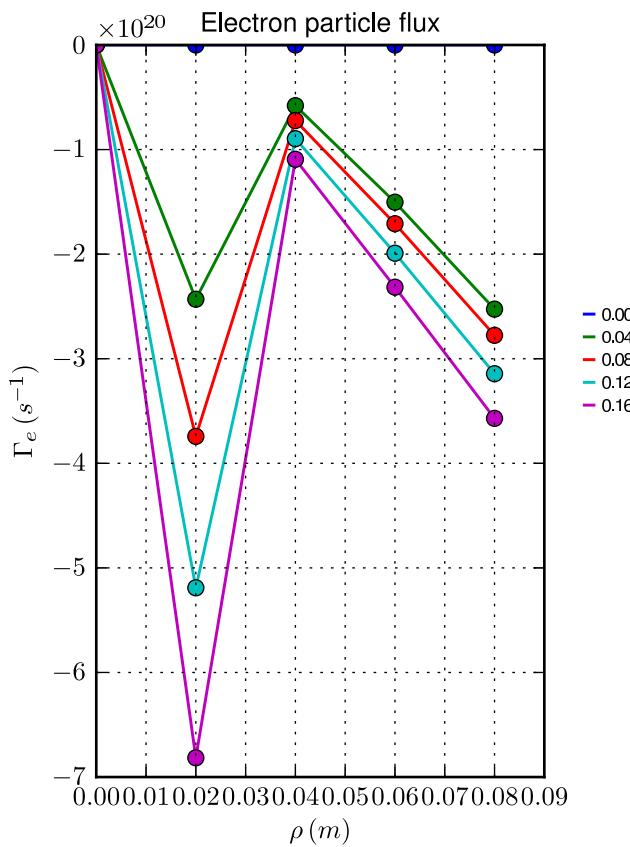
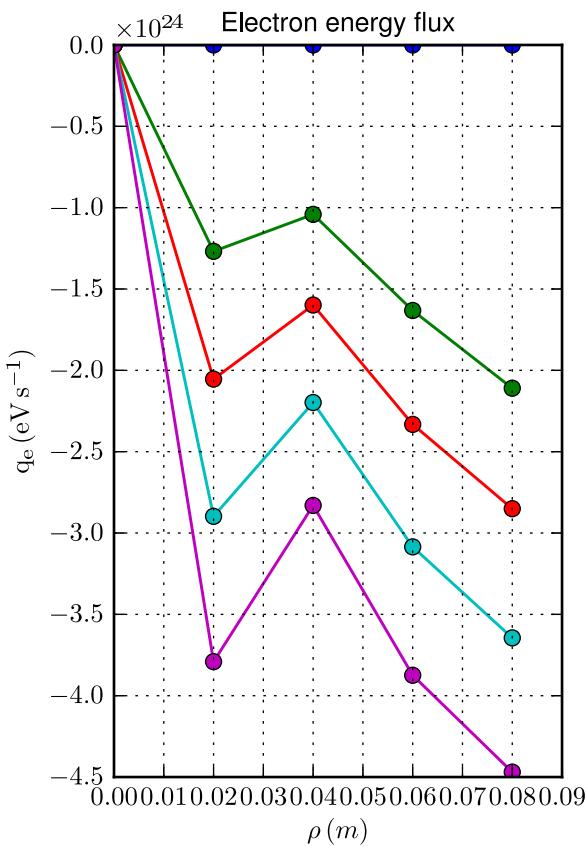
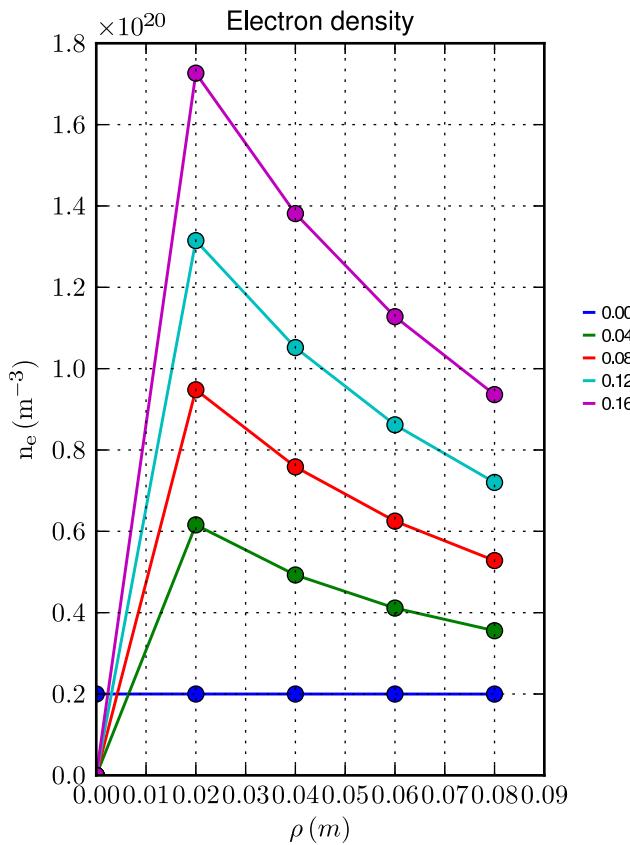
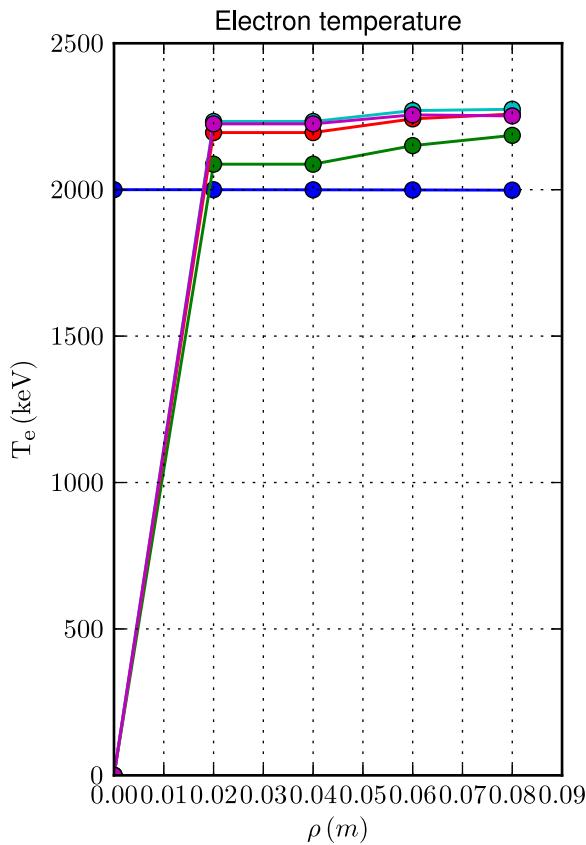


Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

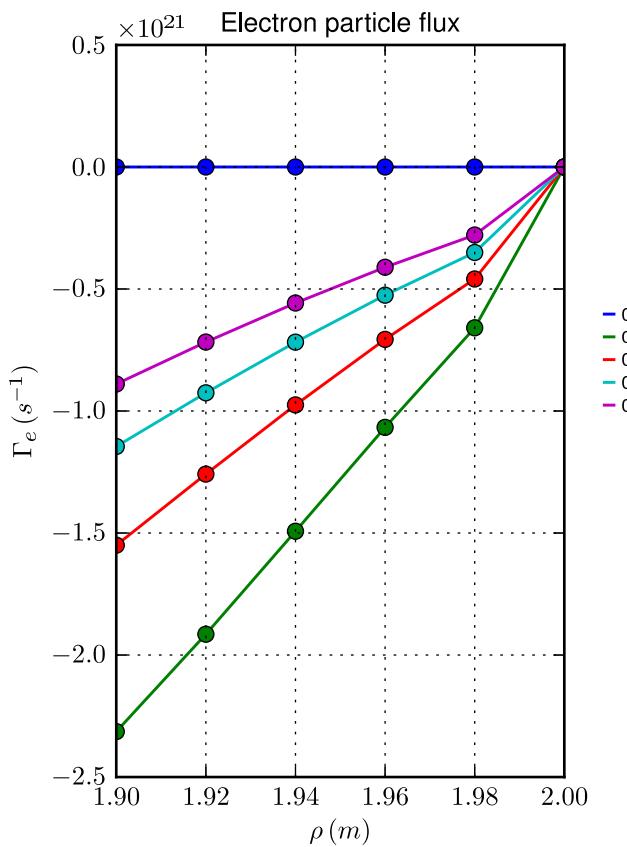
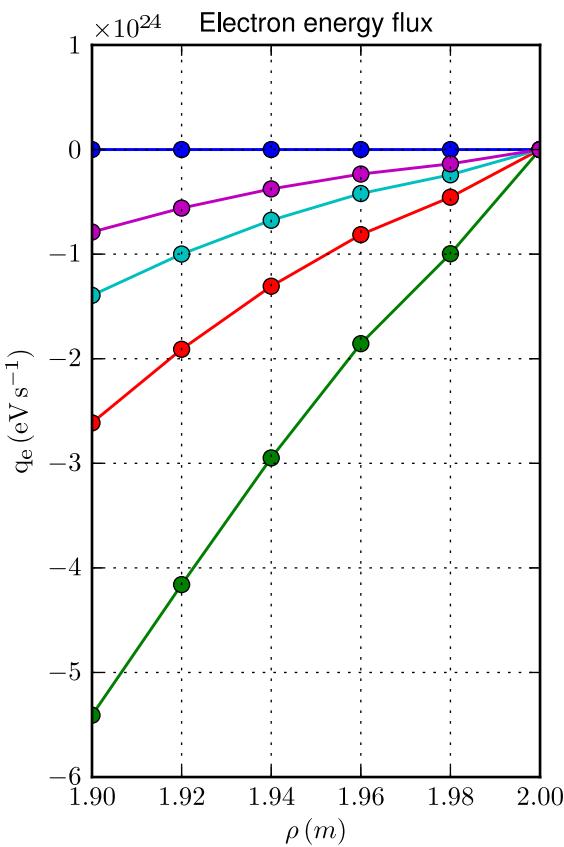
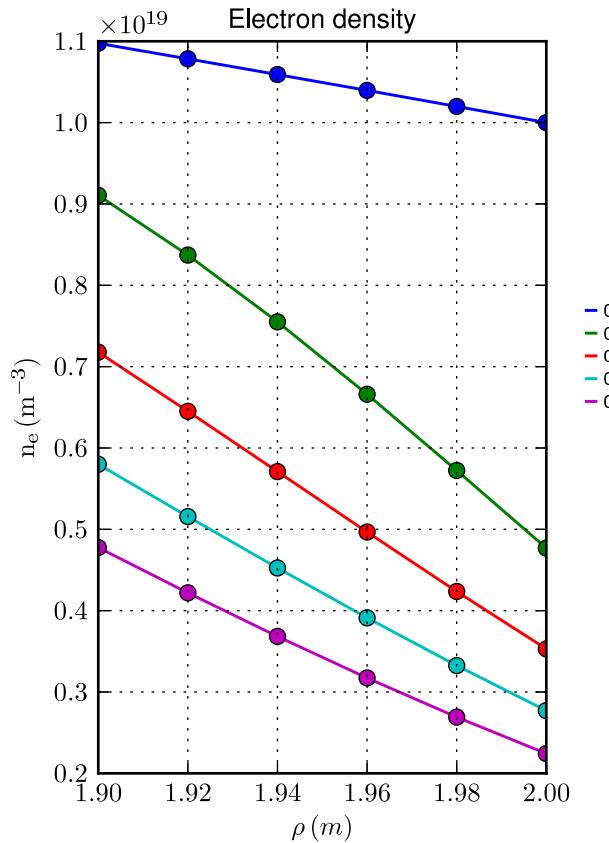
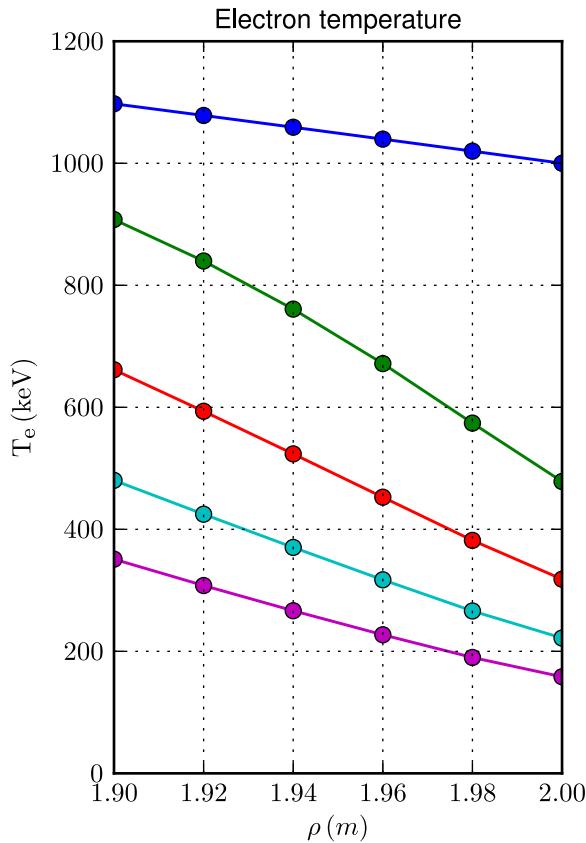


Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

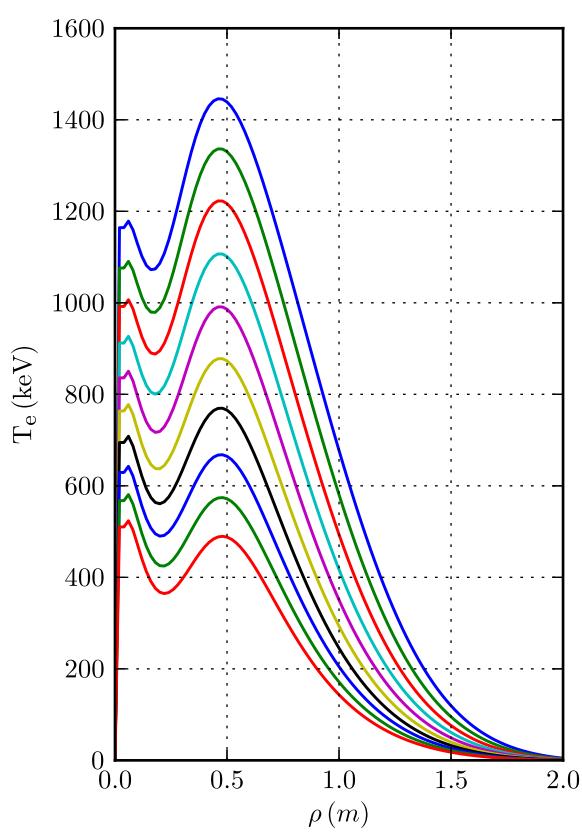
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$



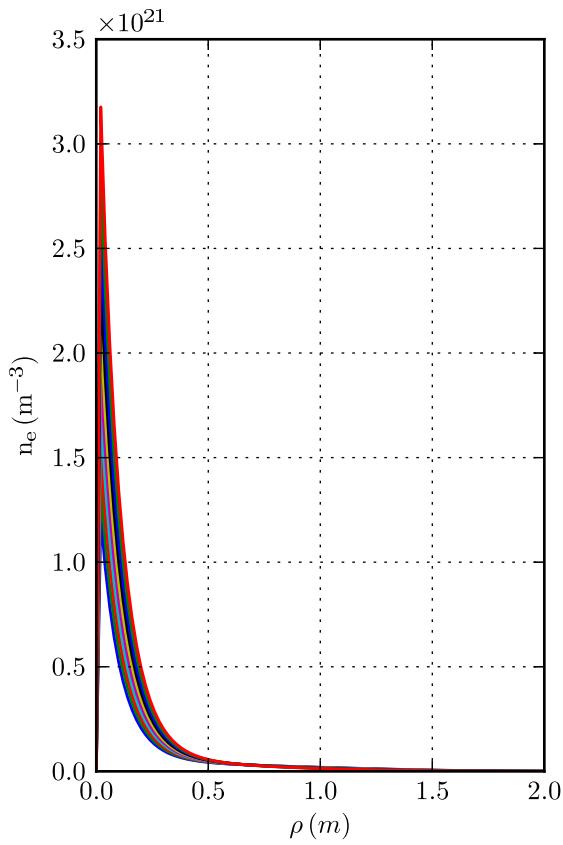
Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

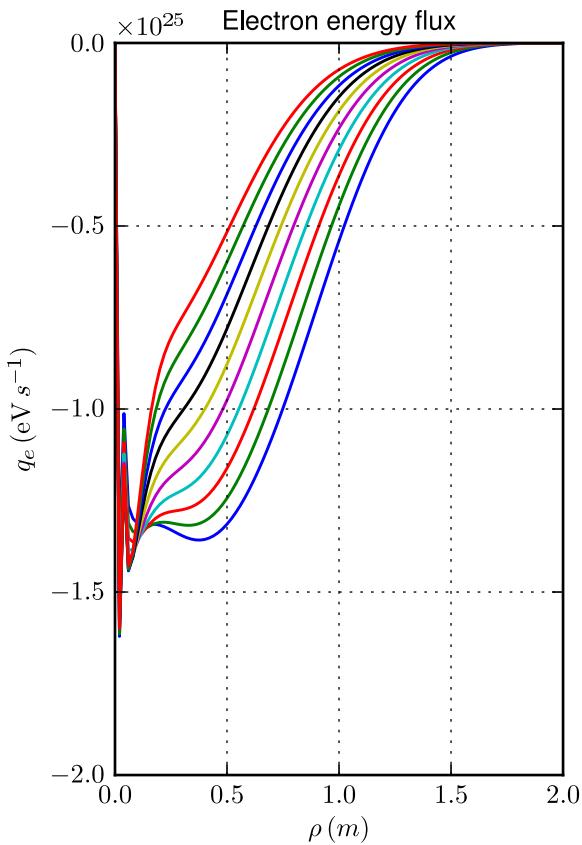
Electron temperature



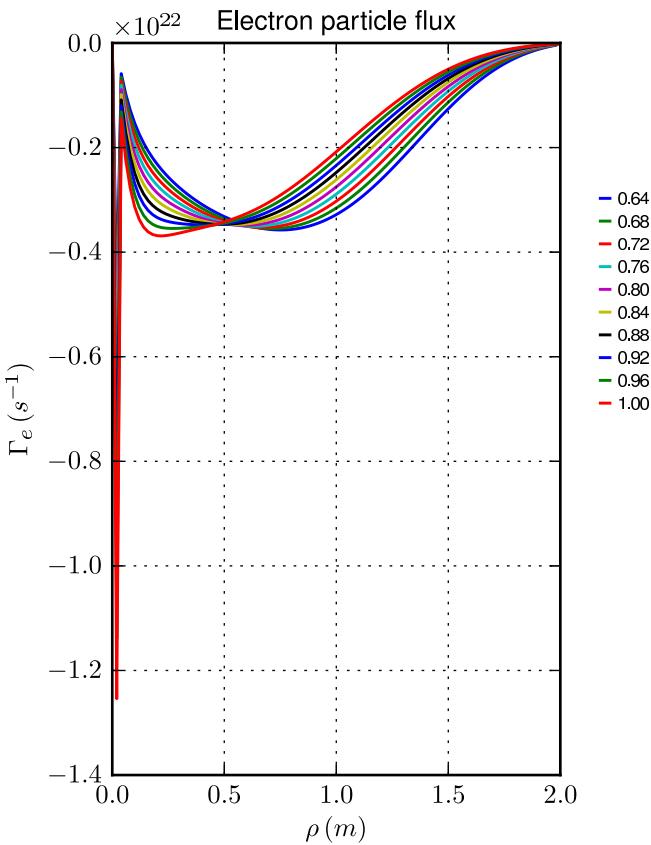
Electron density



Electron energy flux

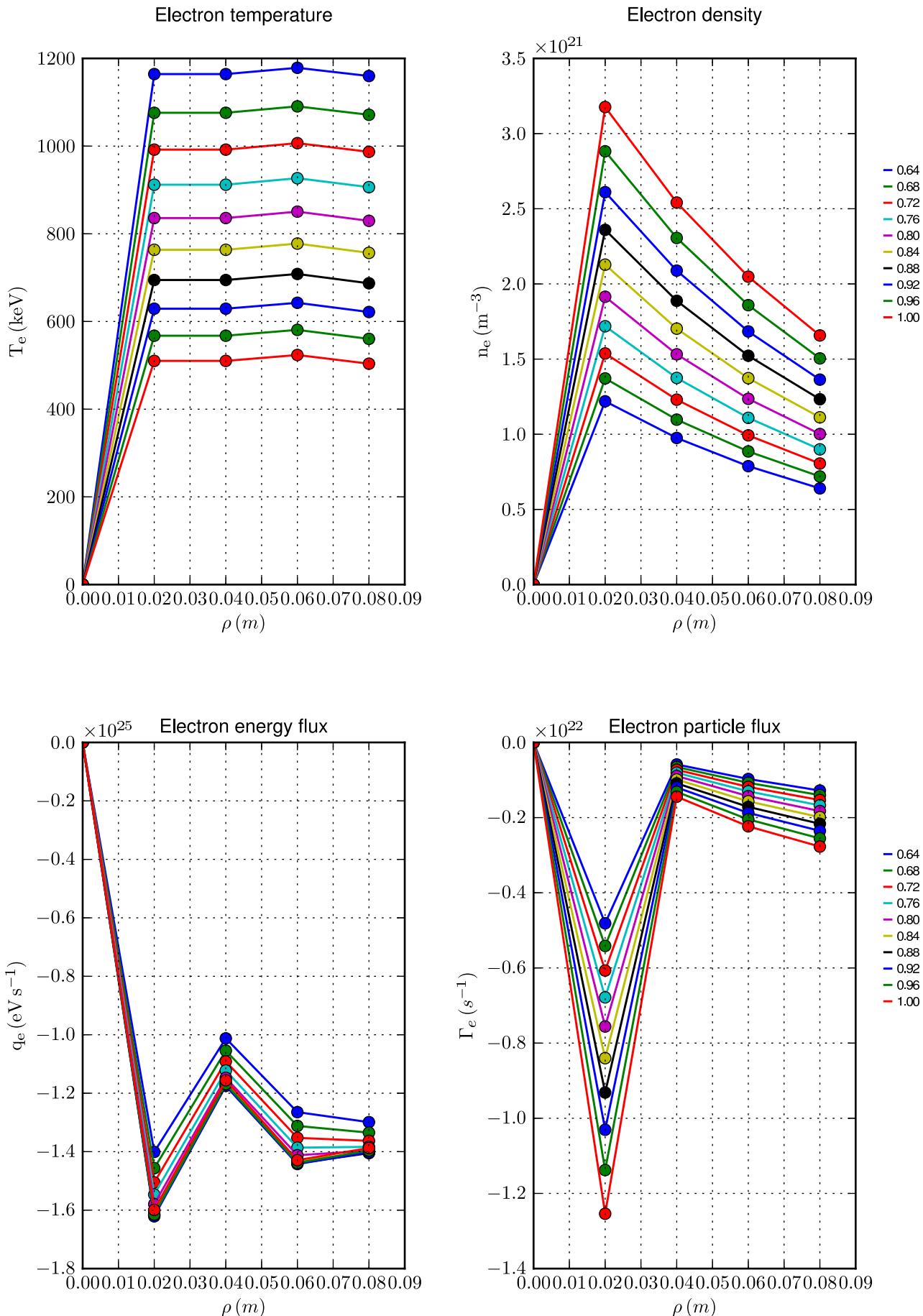


Electron particle flux



Profiles

[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Spatial zoom over magnetic axis; time sampling: last 10 time slices

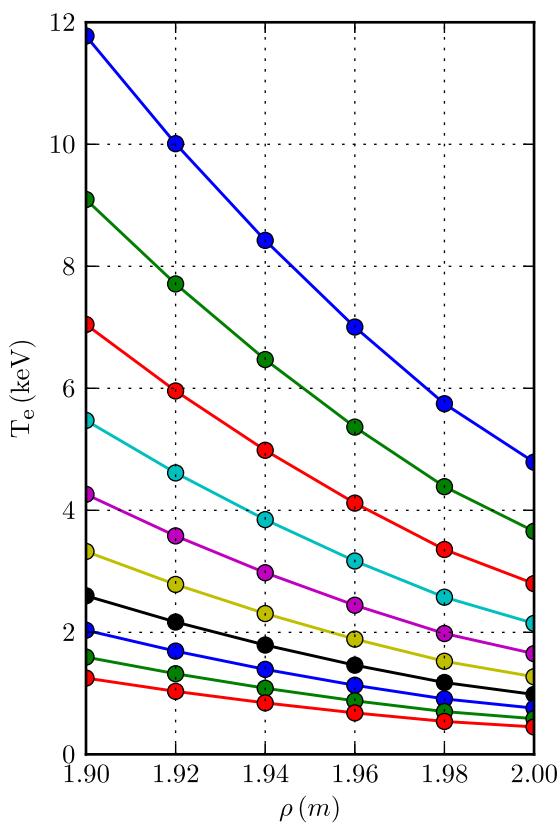


Profiles

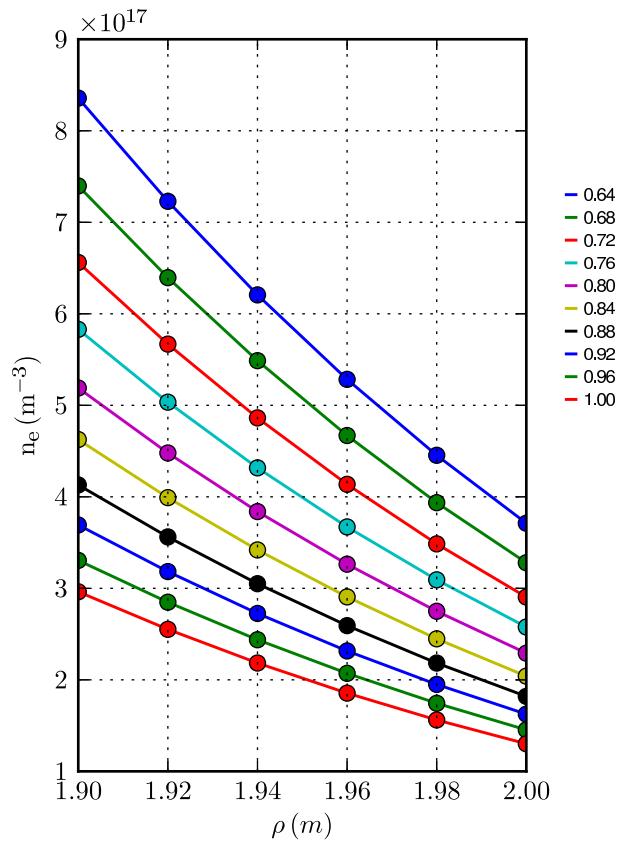
[Case: I.1.5.j, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Spatial zoom over edge; time sampling: last 10 time slices

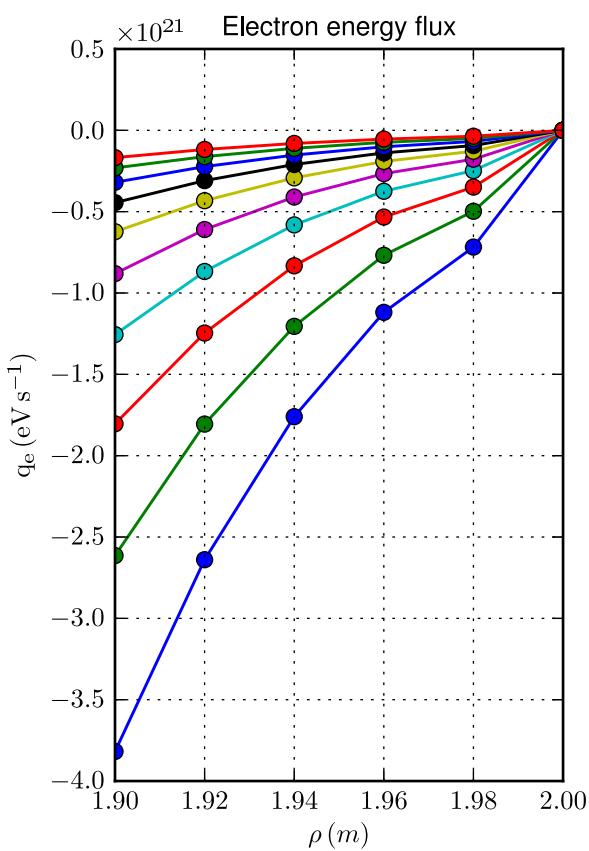
Electron temperature



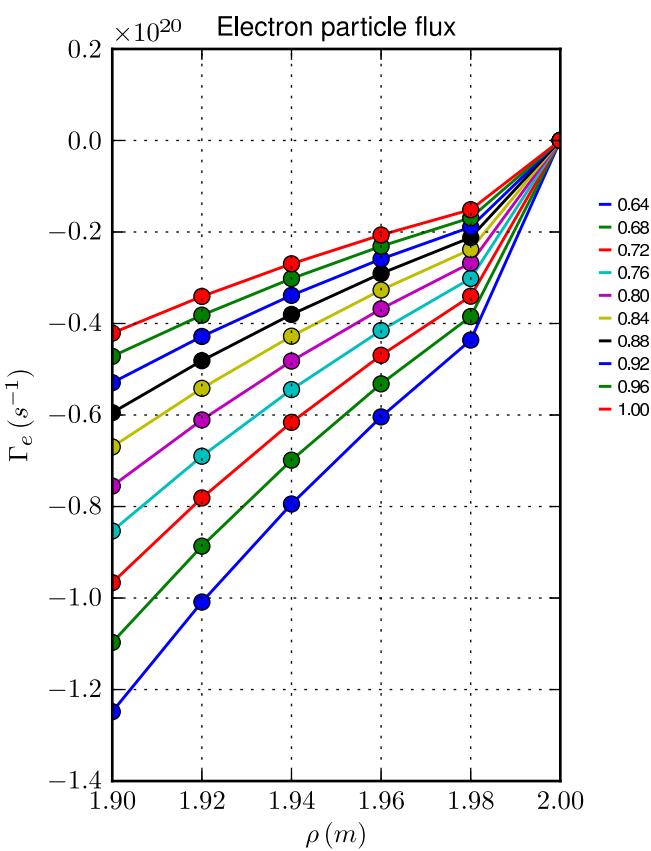
Electron density



Electron energy flux



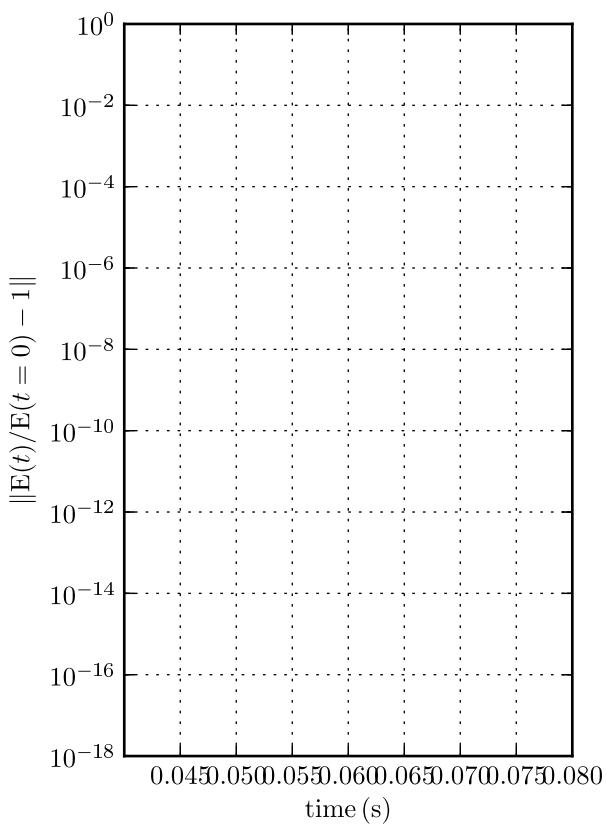
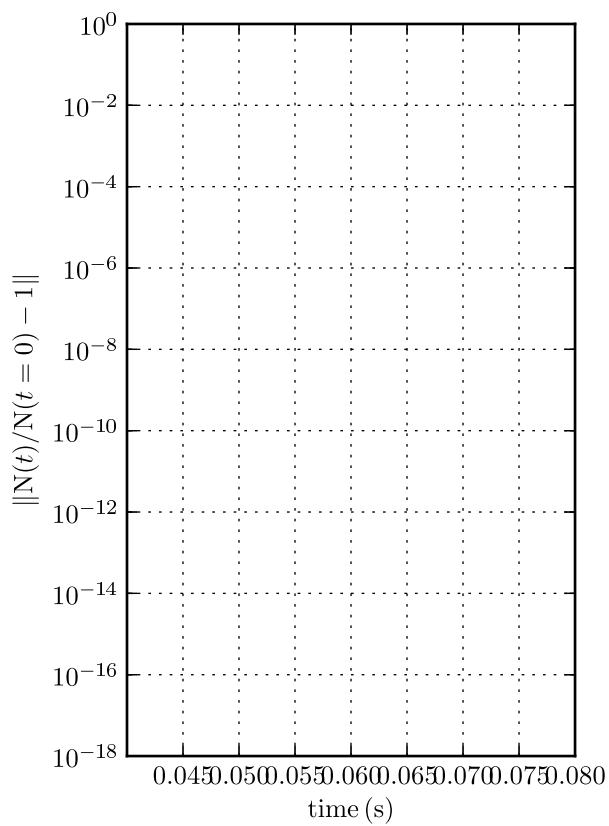
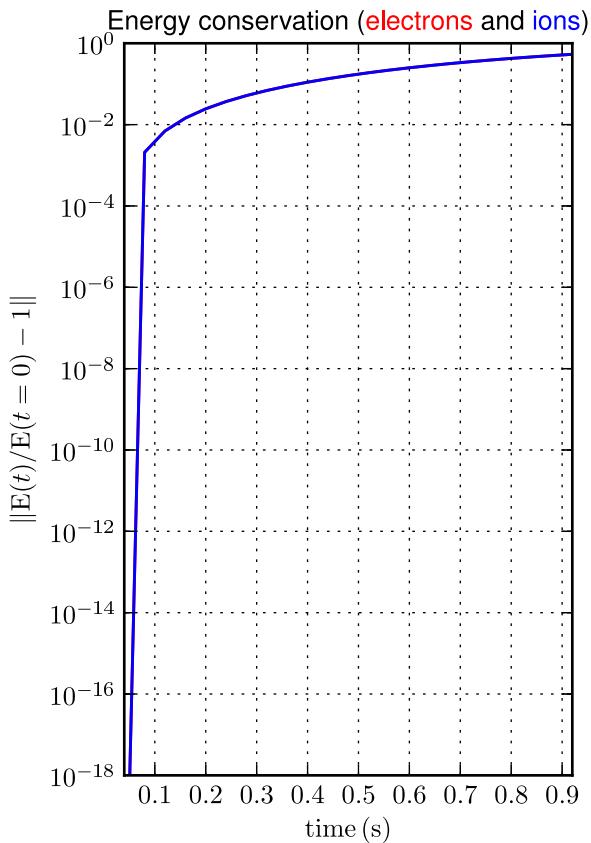
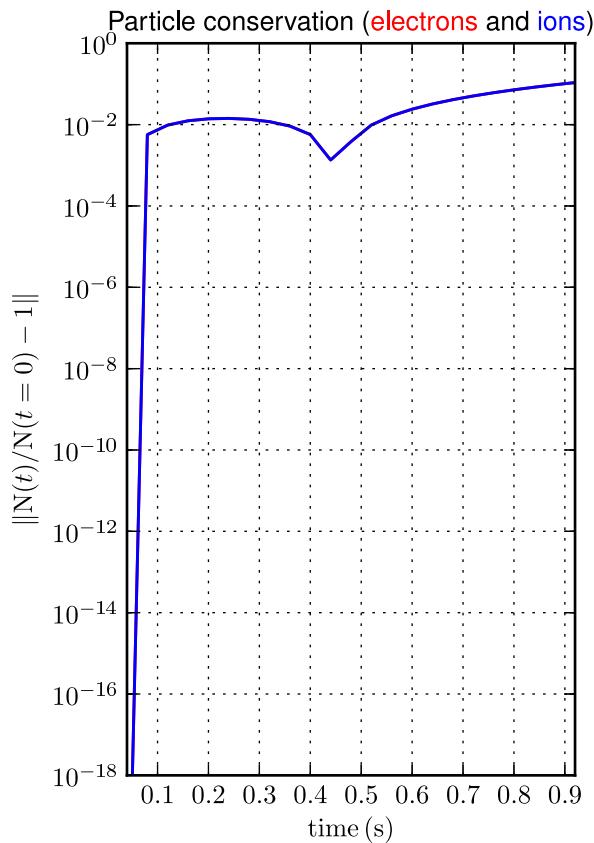
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

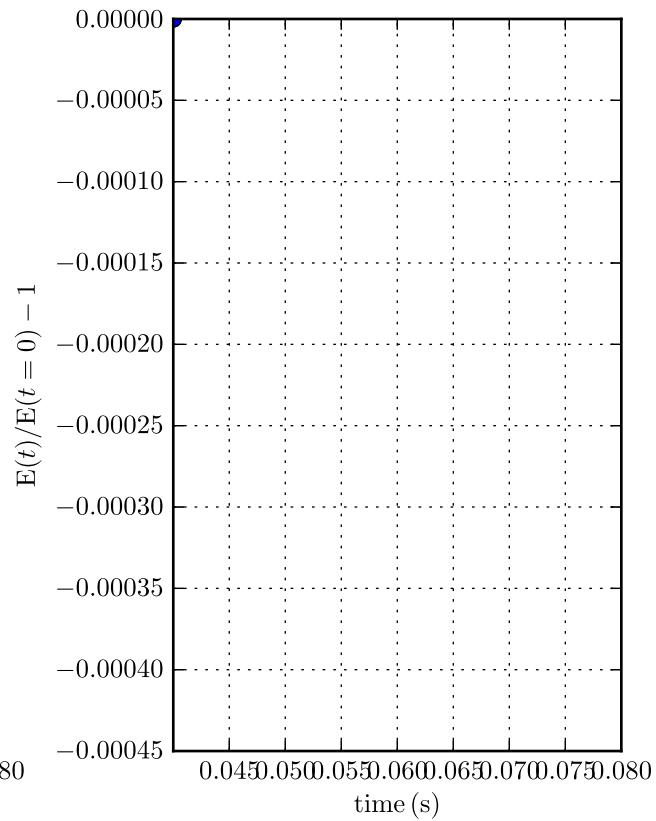
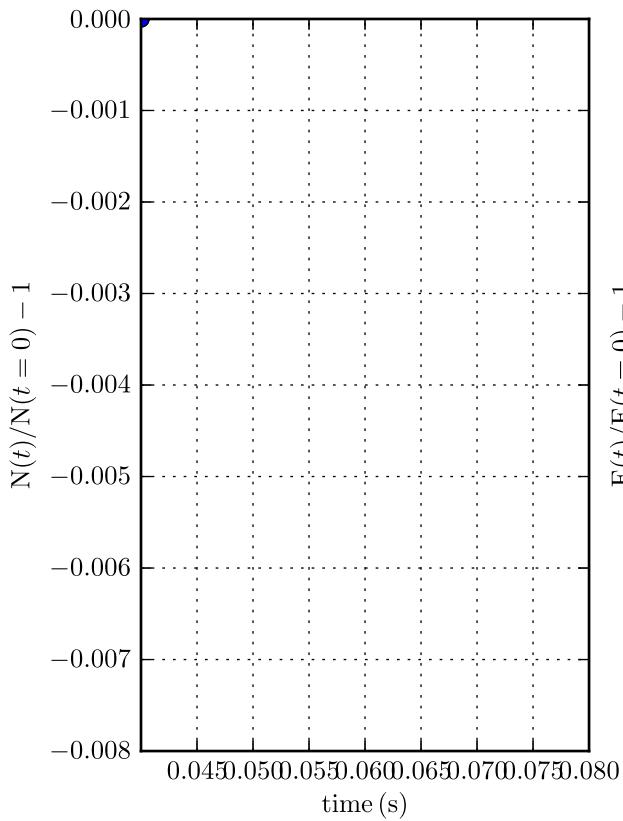
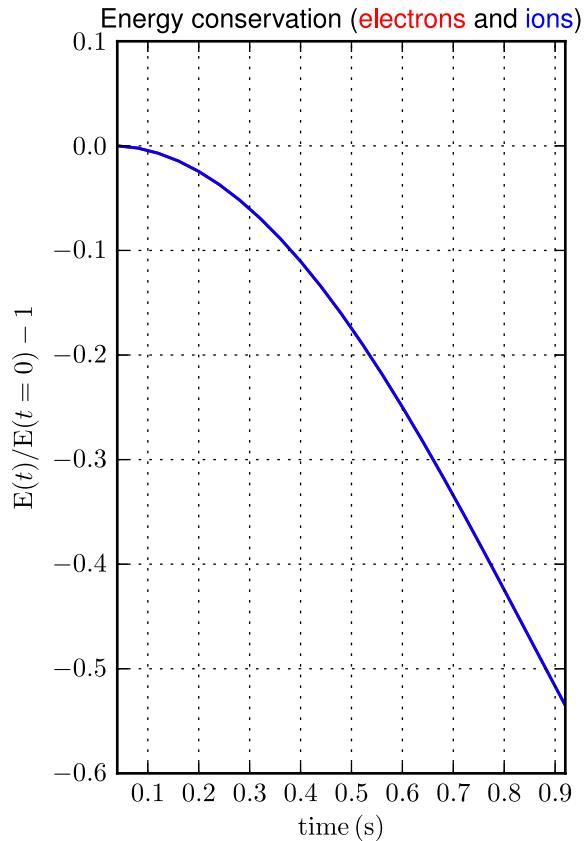
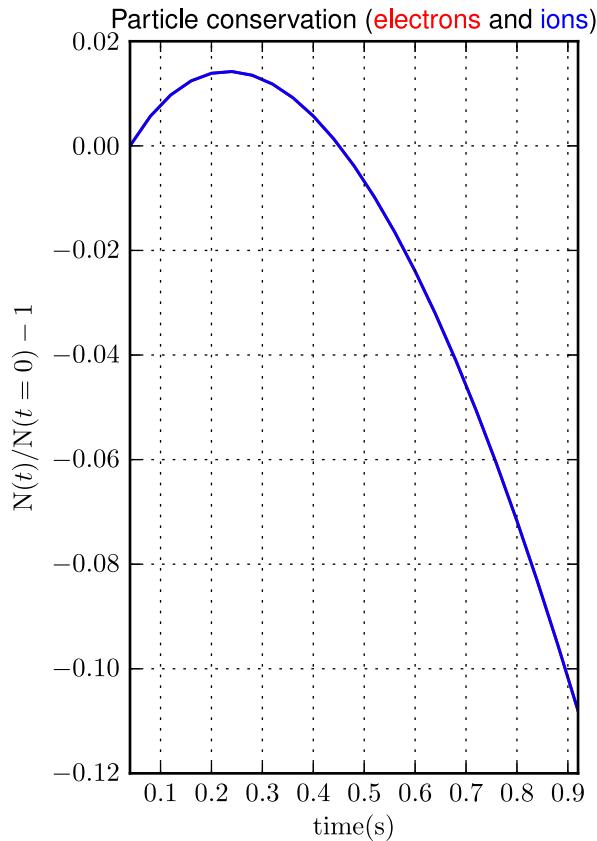
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

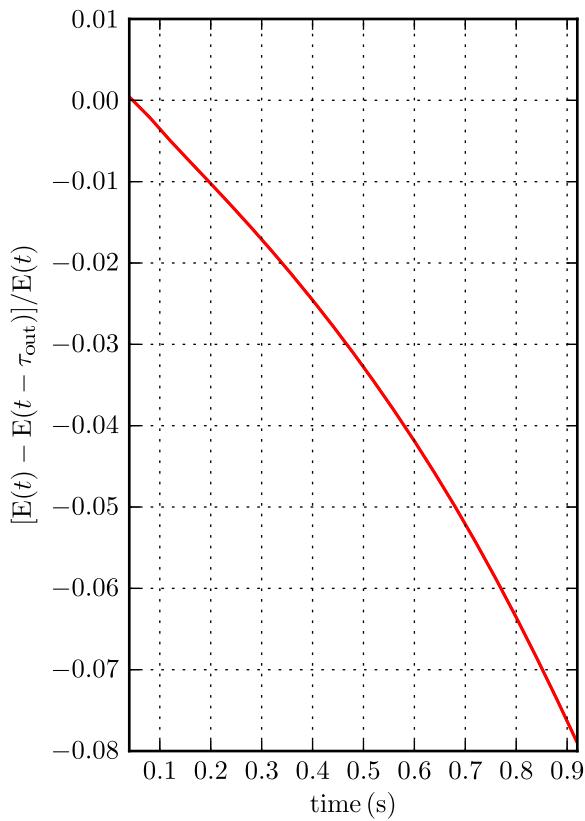
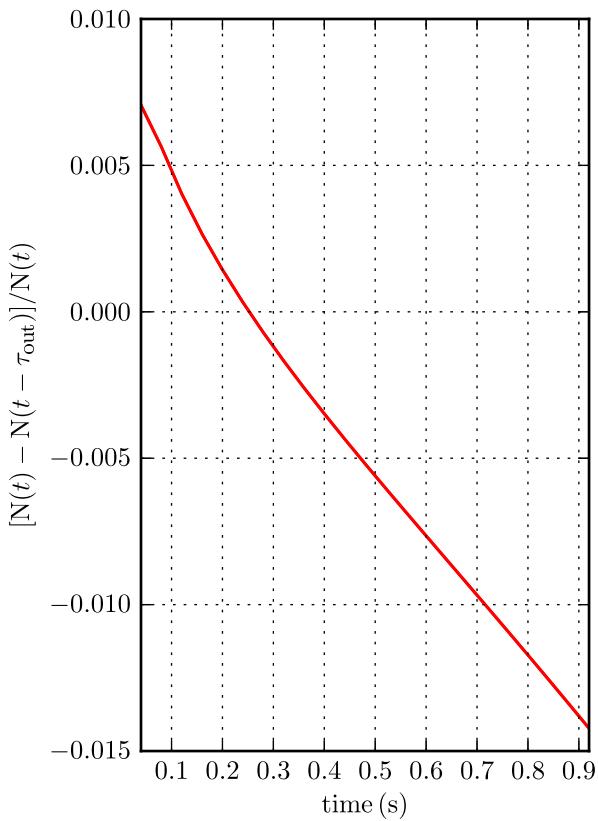
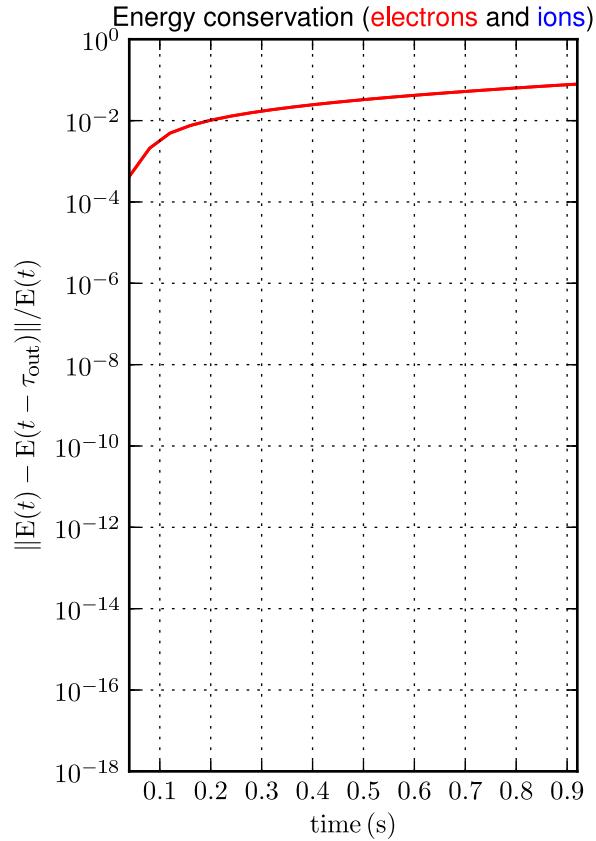
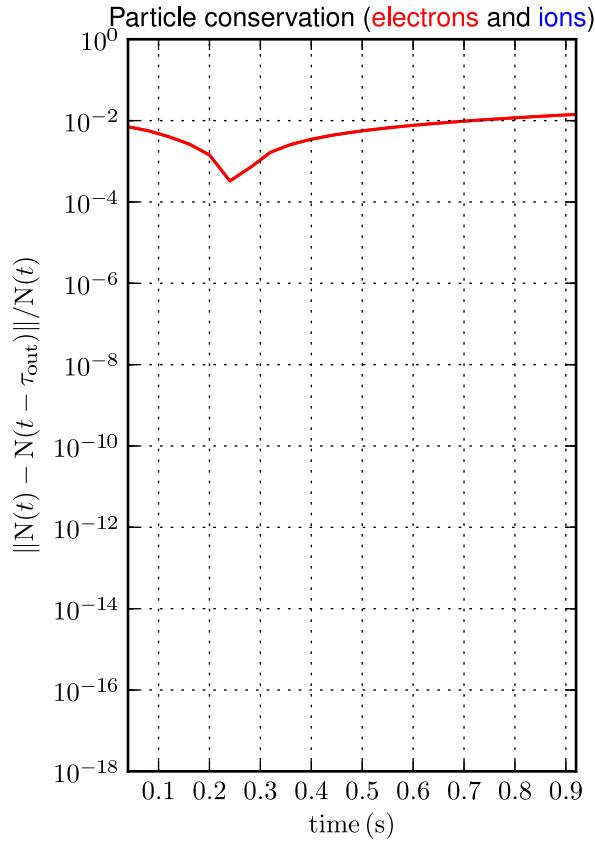
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

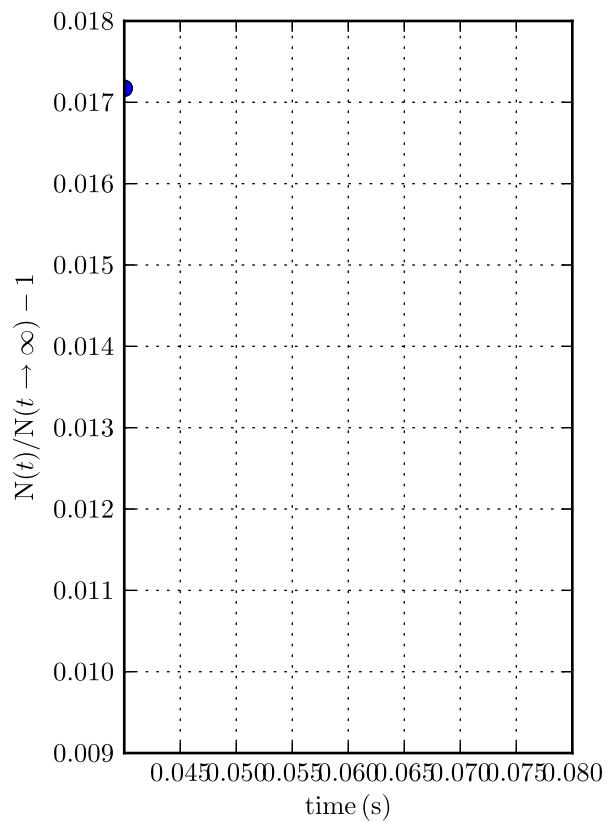
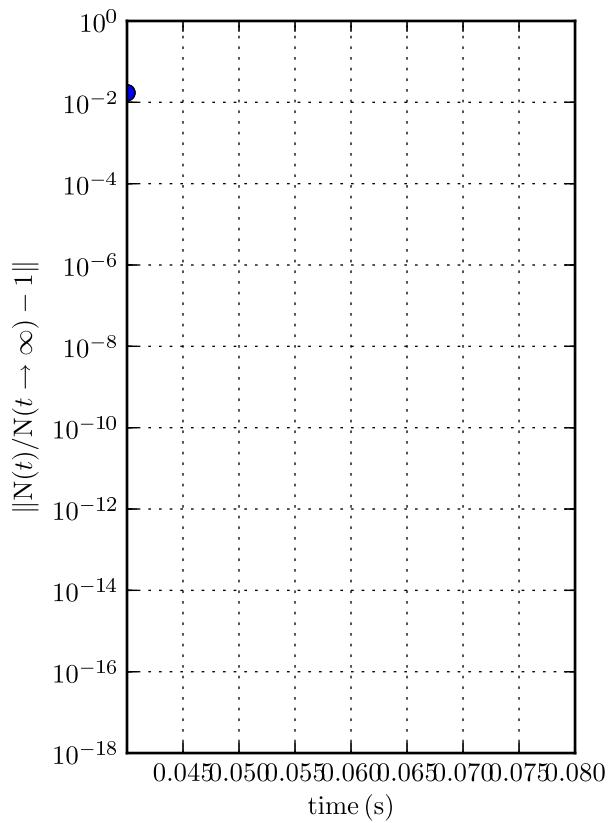
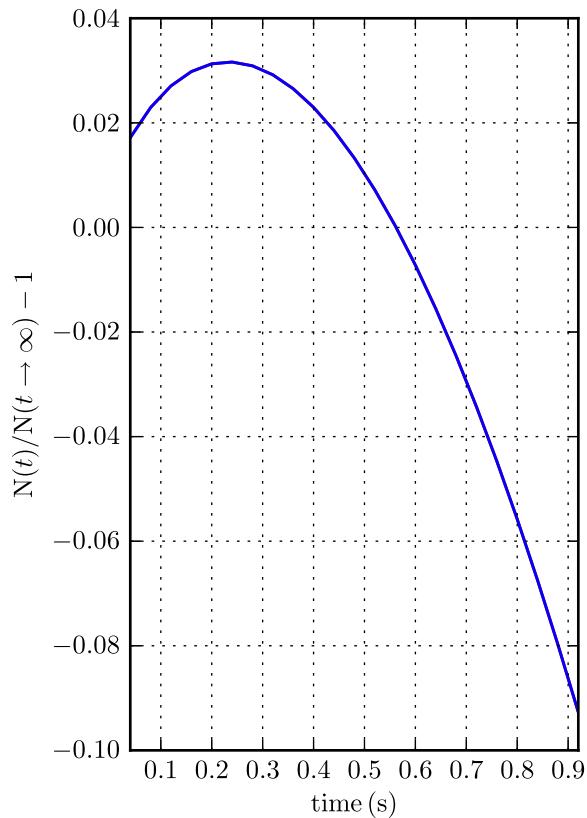
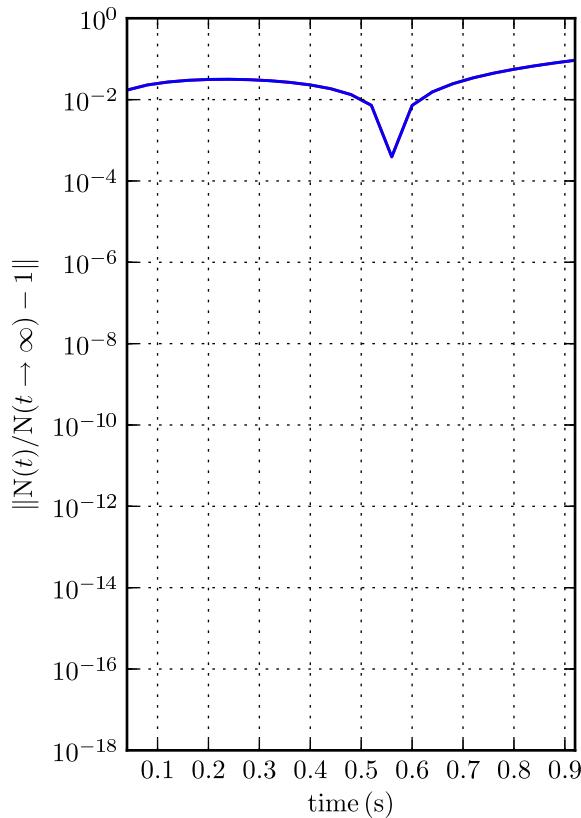
[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



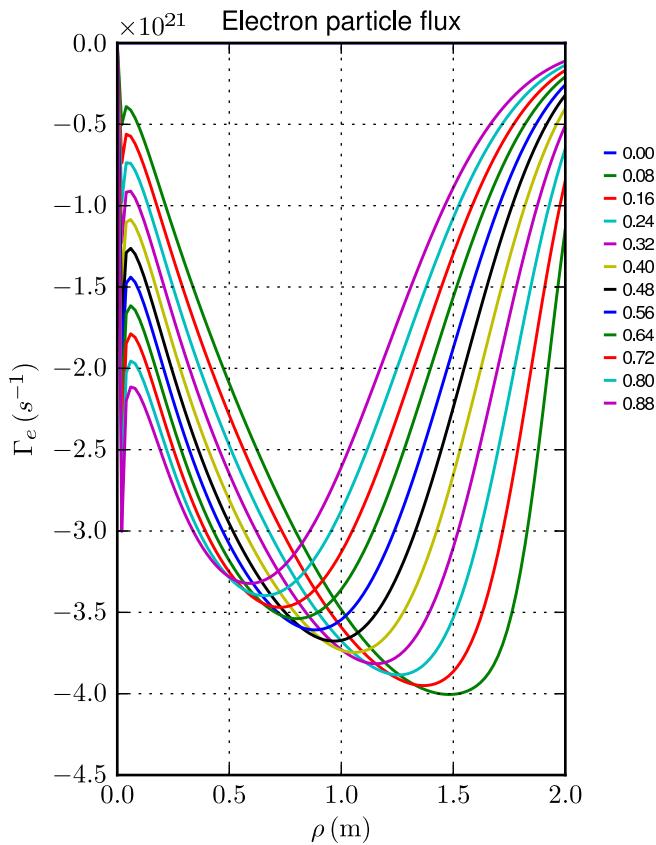
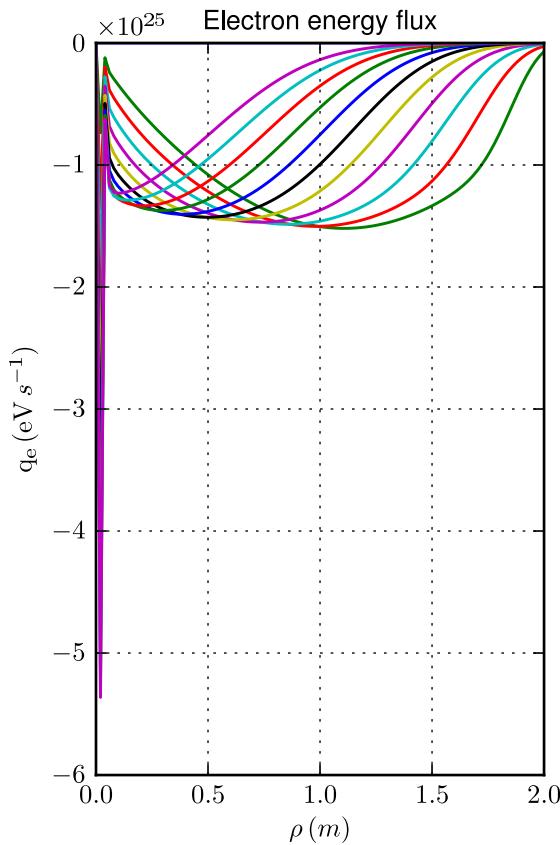
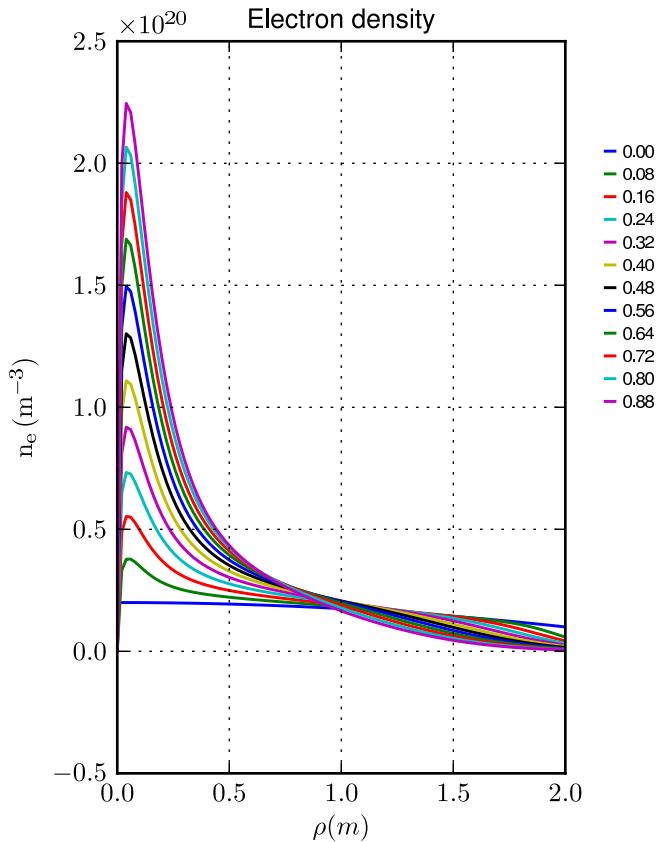
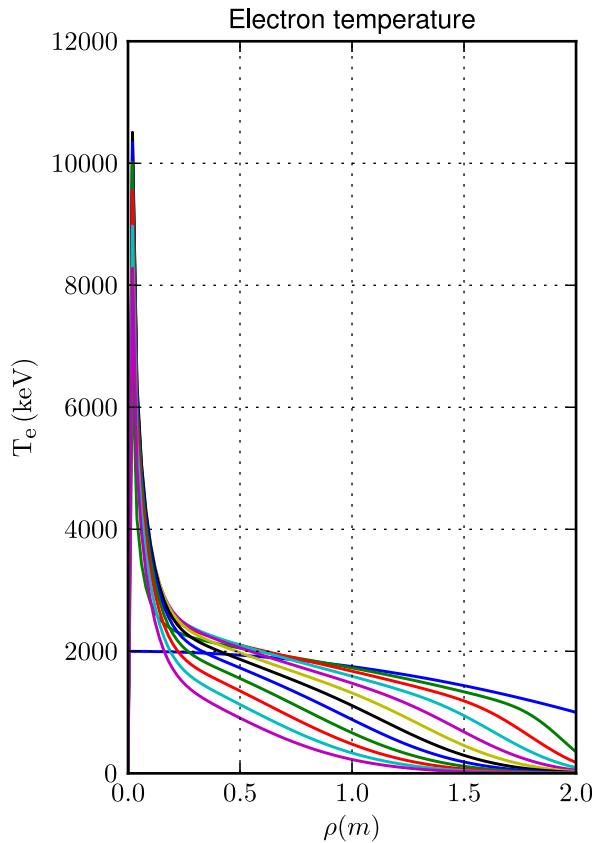
Particle conservation

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]
 Comparison with asymptotic solution (electrons and ions); total time and zoom over time



Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: total simulation time/10

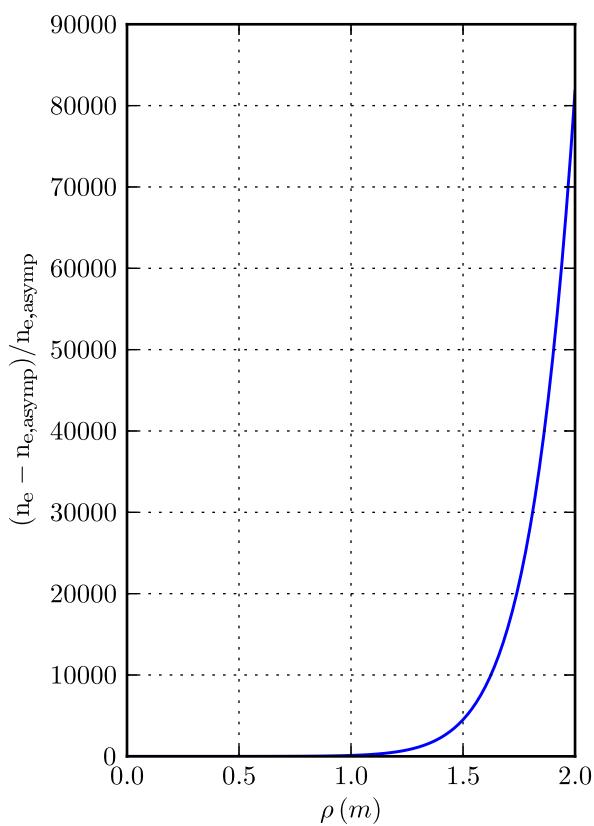


Profiles

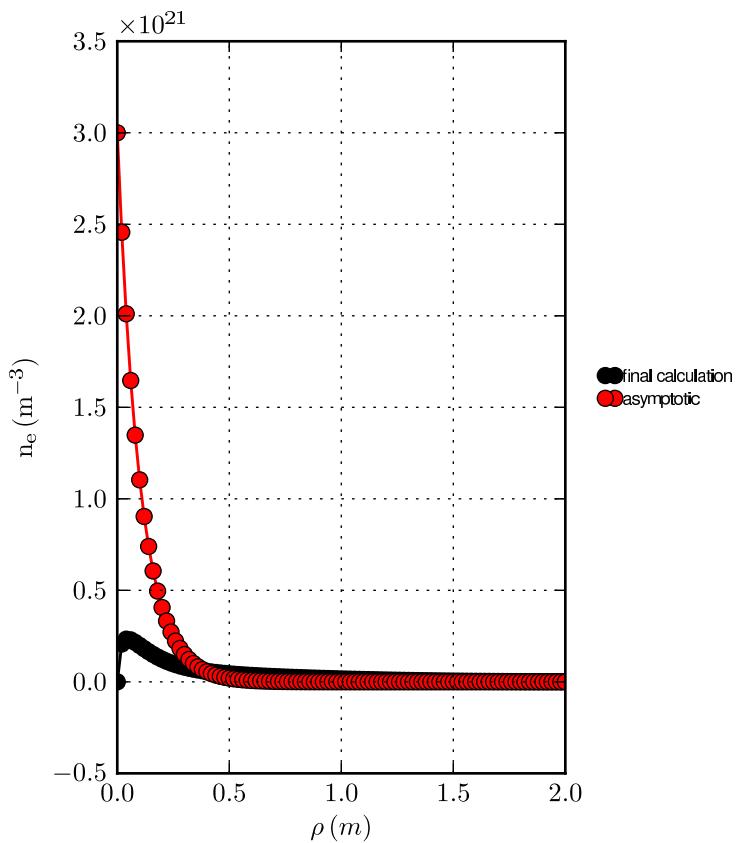
[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

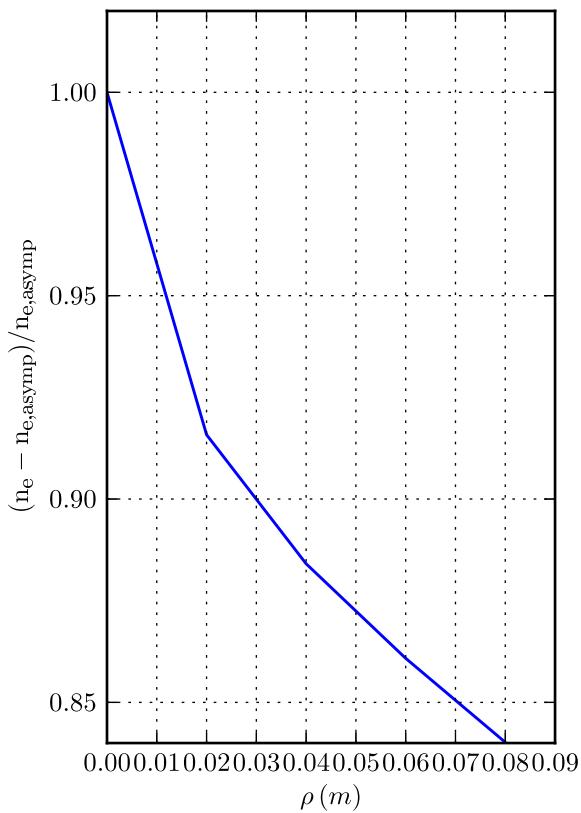
Electron density relative error



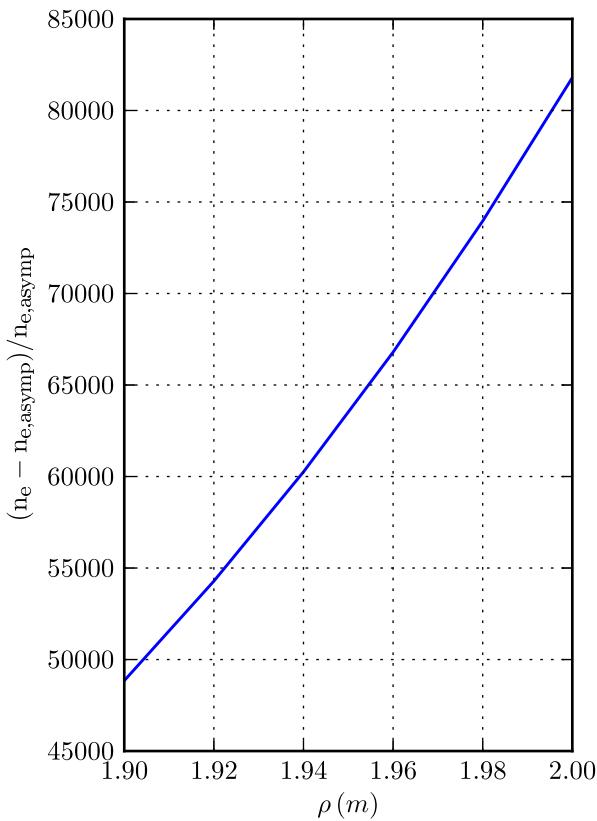
Electron density



Error: zoom over axis



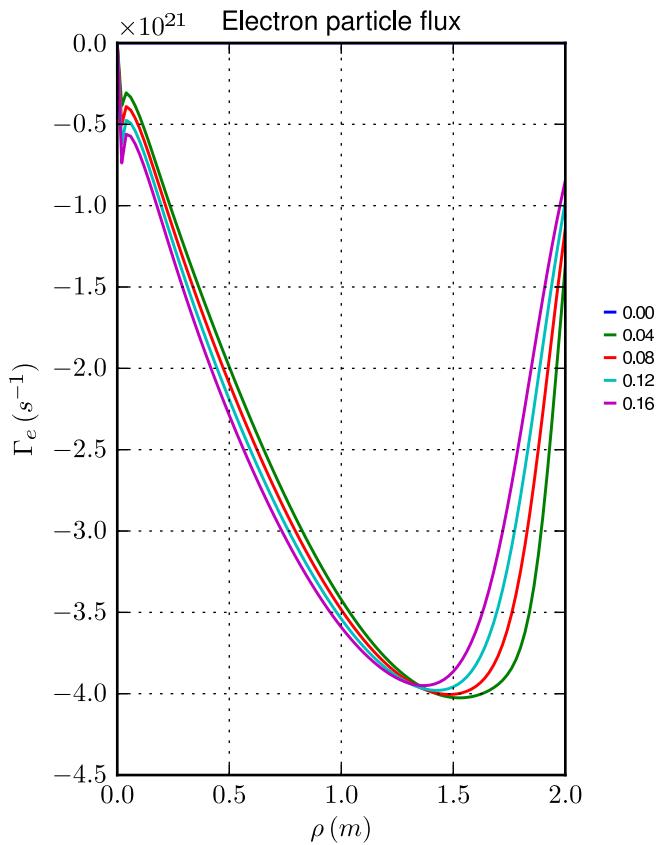
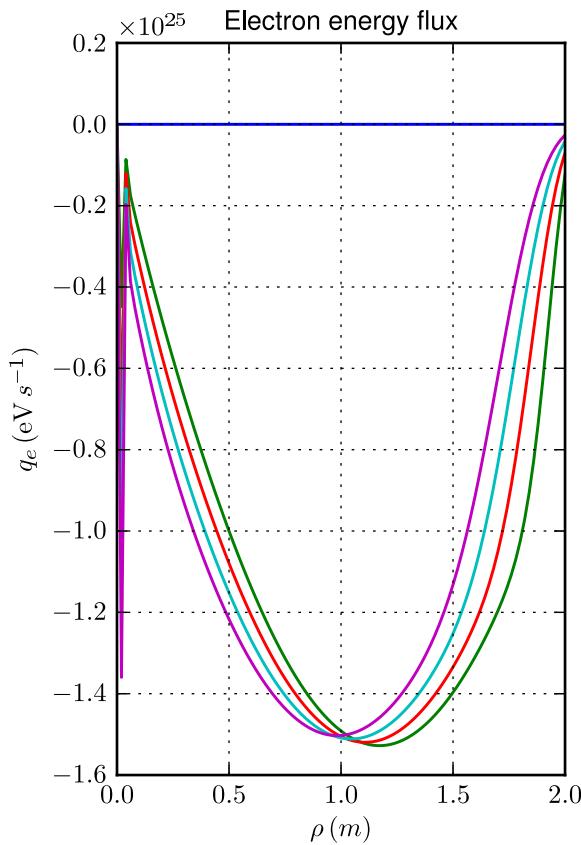
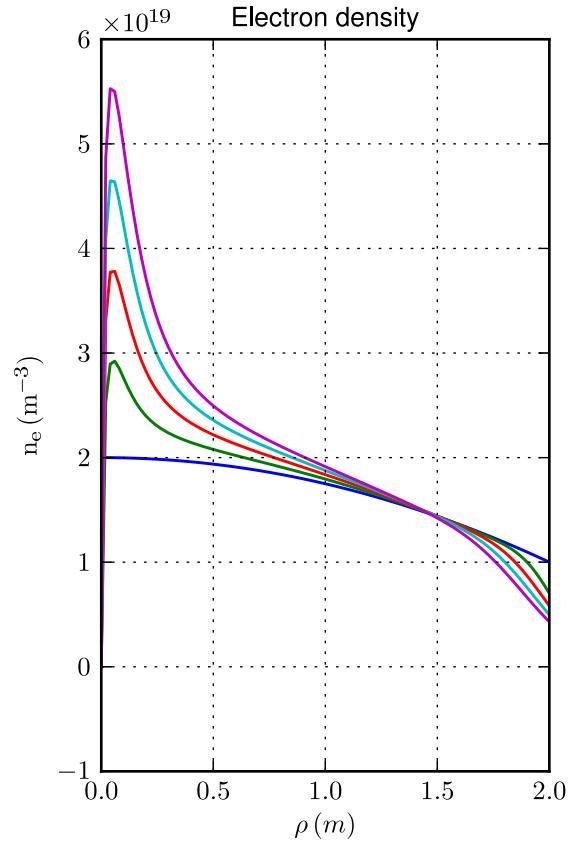
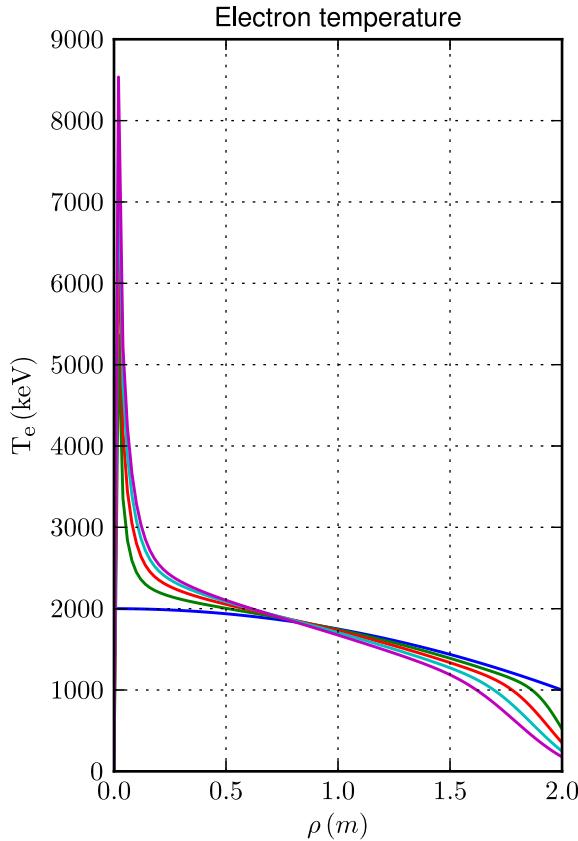
Error: zoom over edge



Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

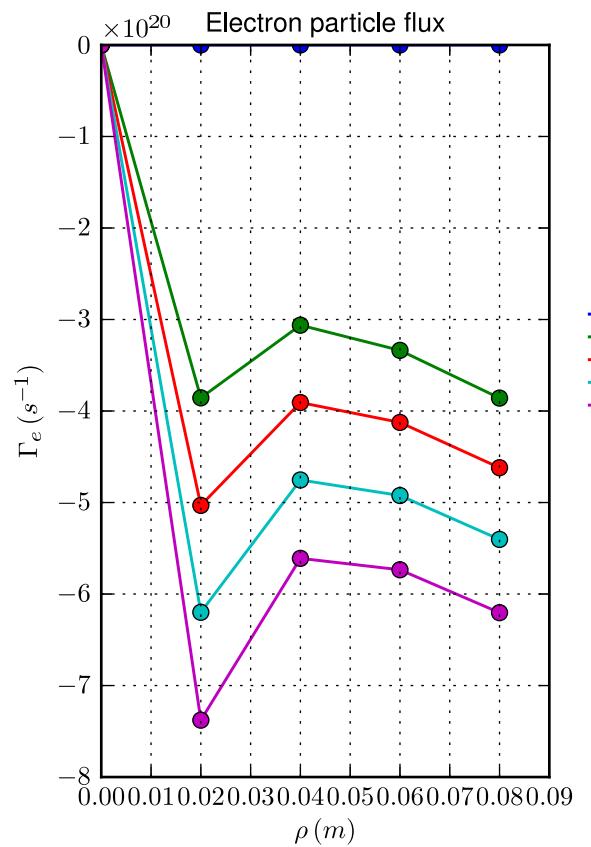
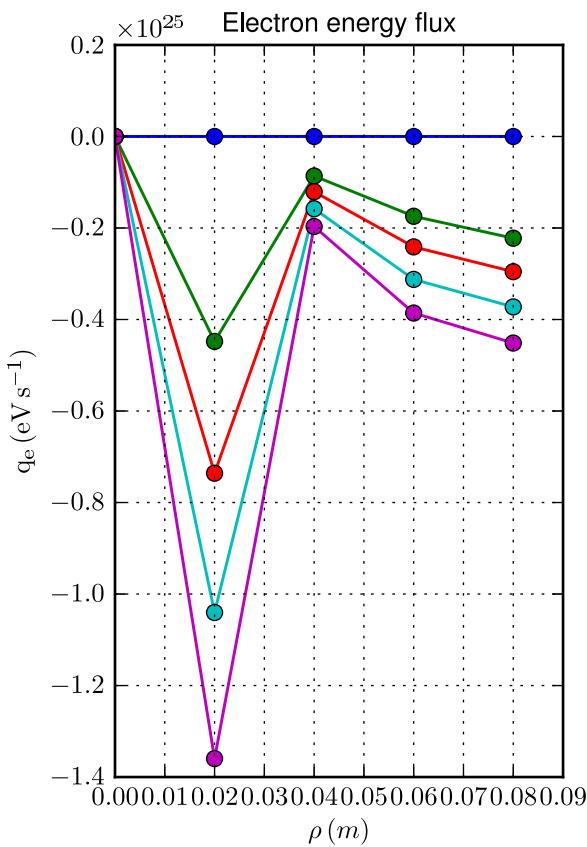
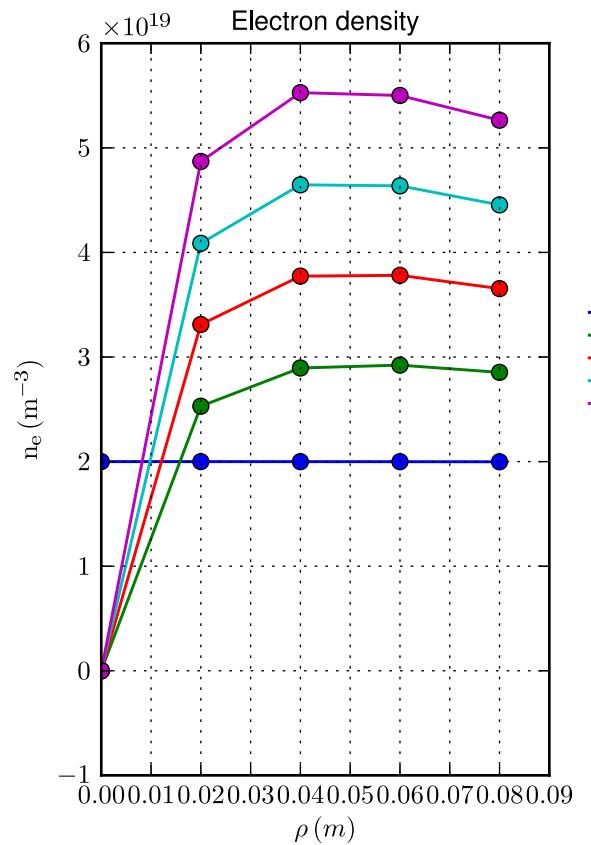
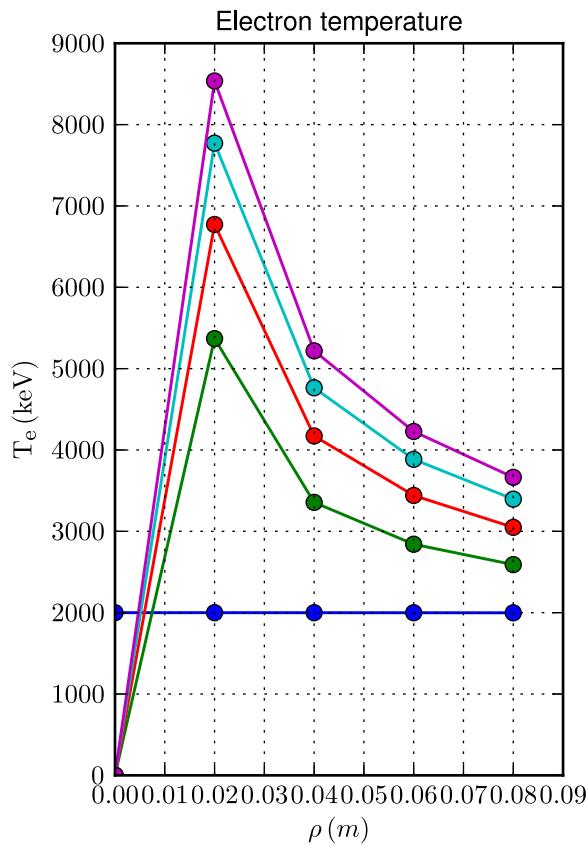


Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$

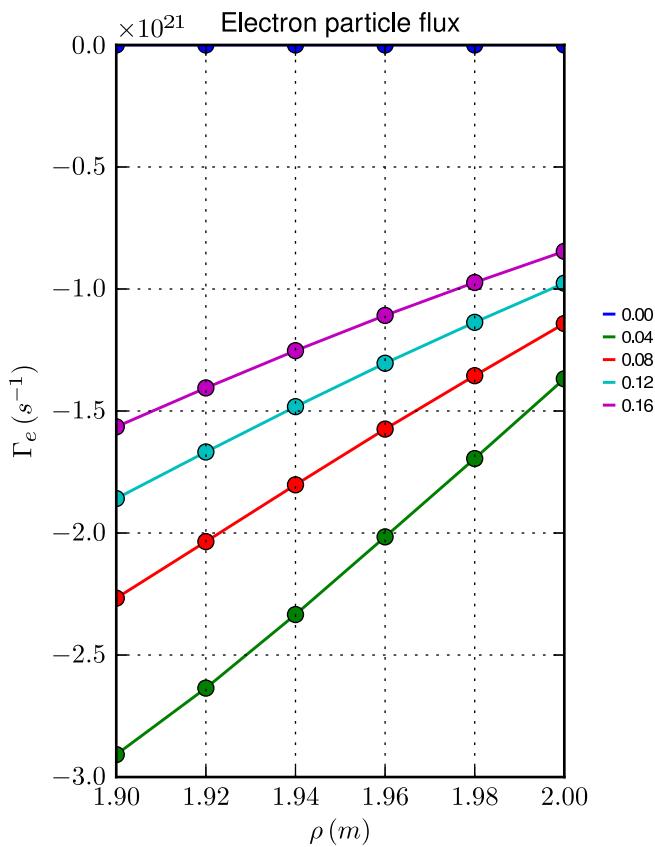
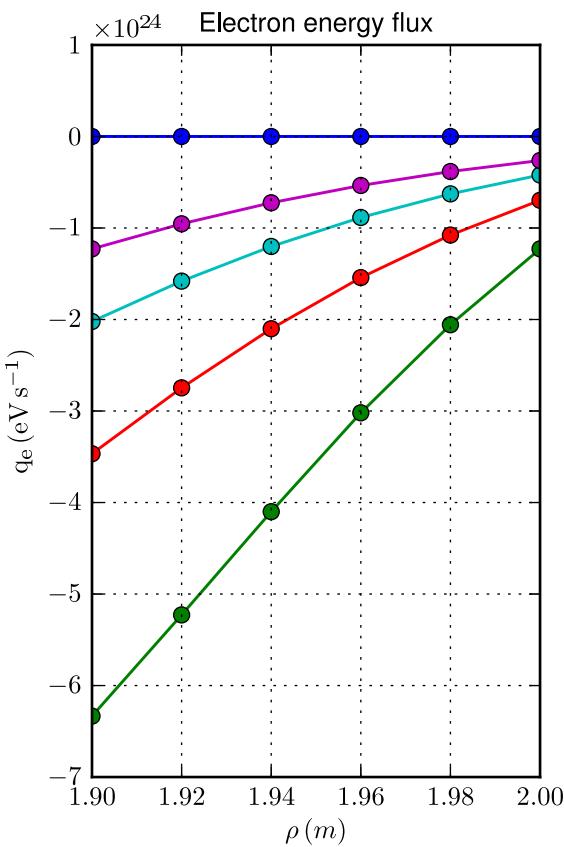
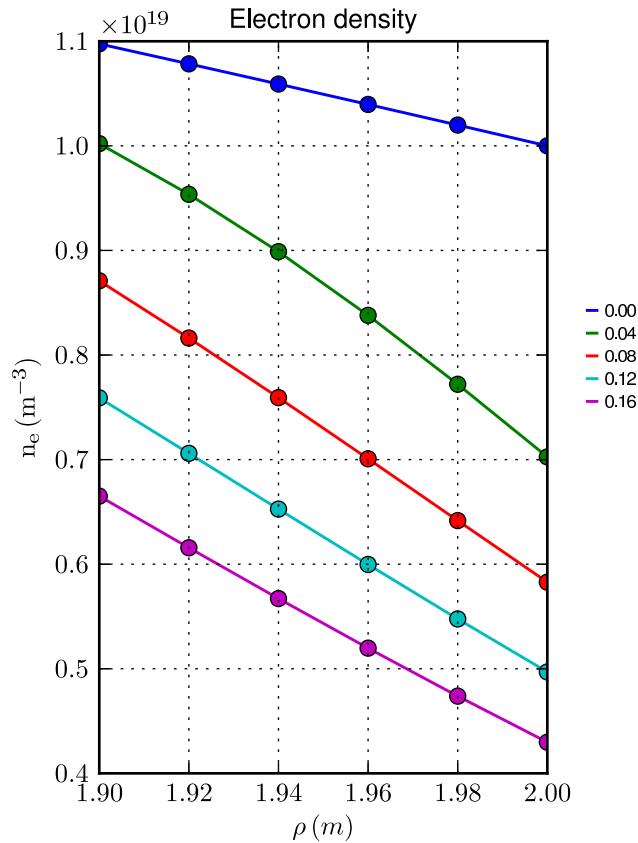
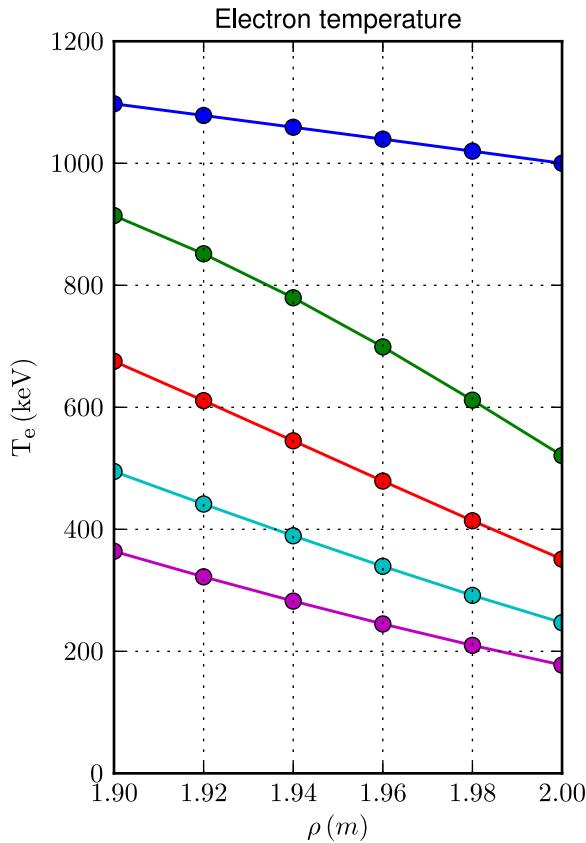


Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

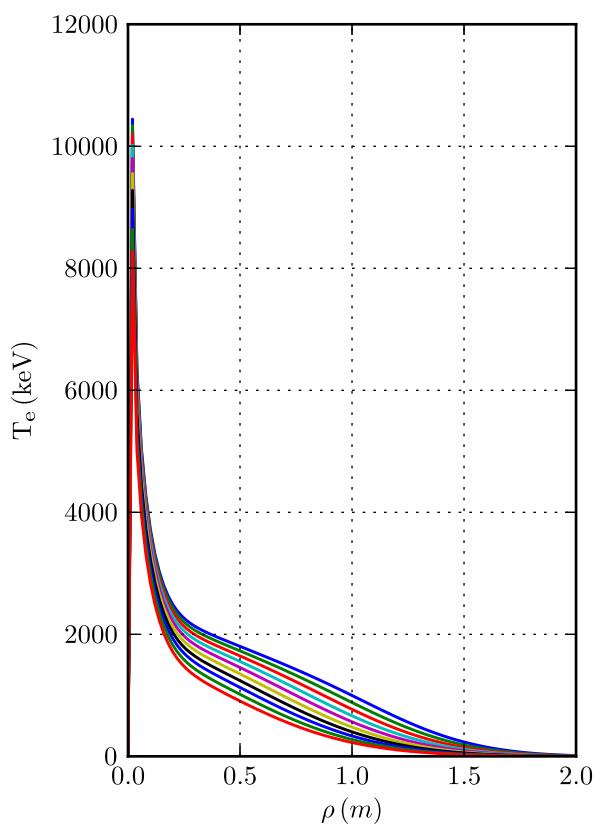
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.19 \text{ s}$



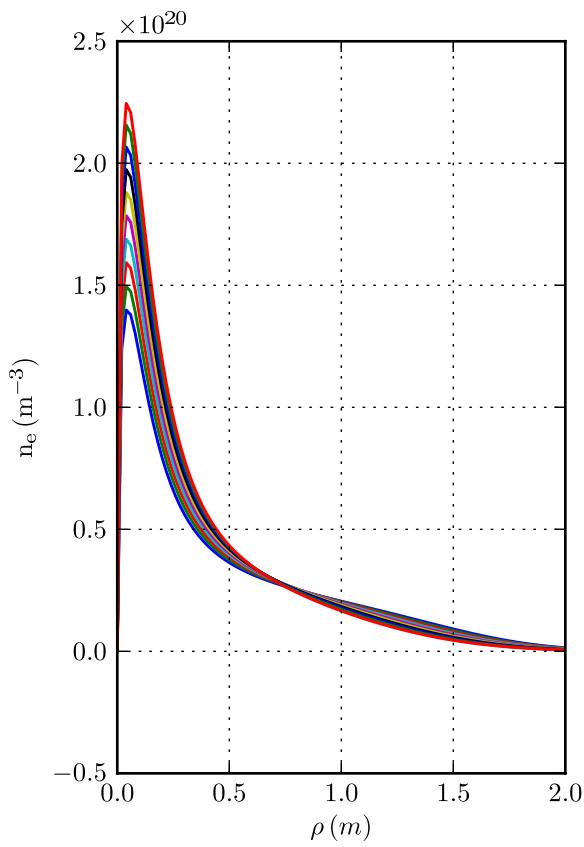
Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

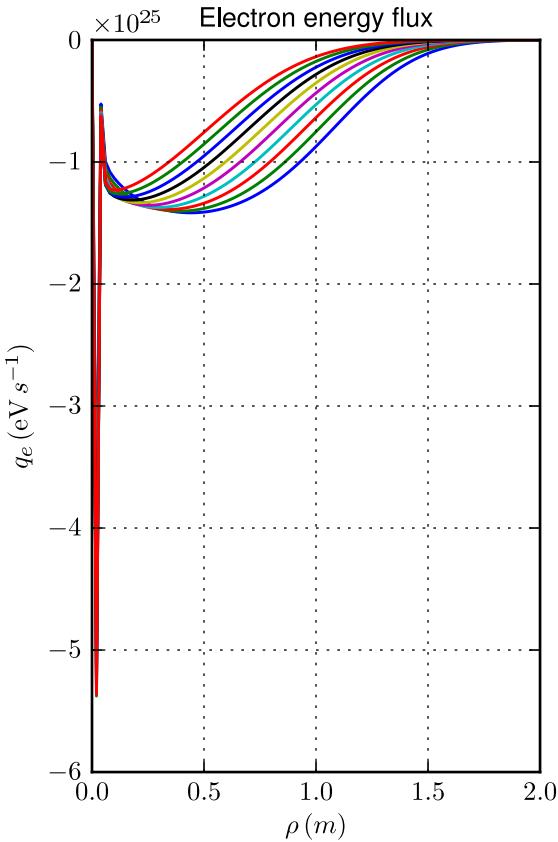
Electron temperature



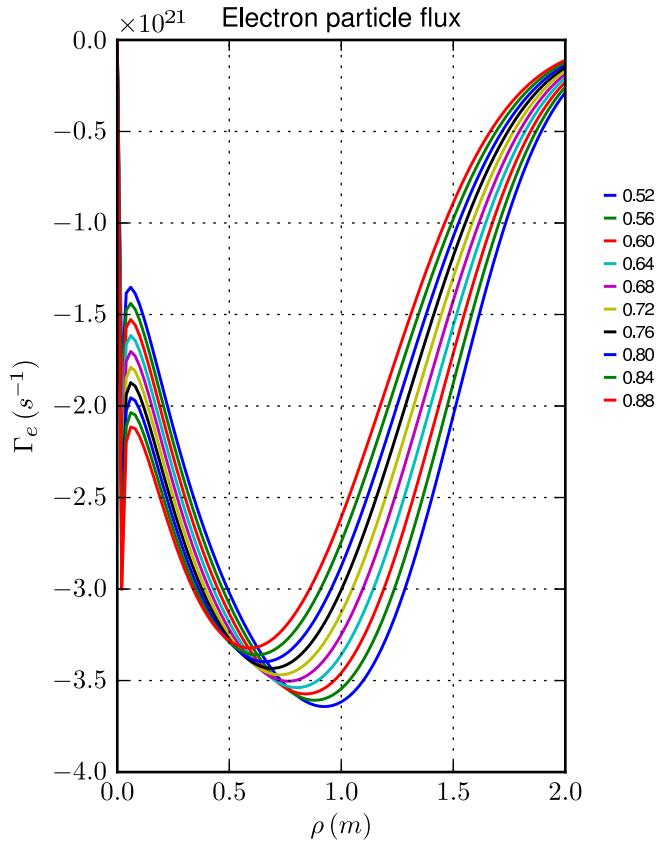
Electron density



Electron energy flux



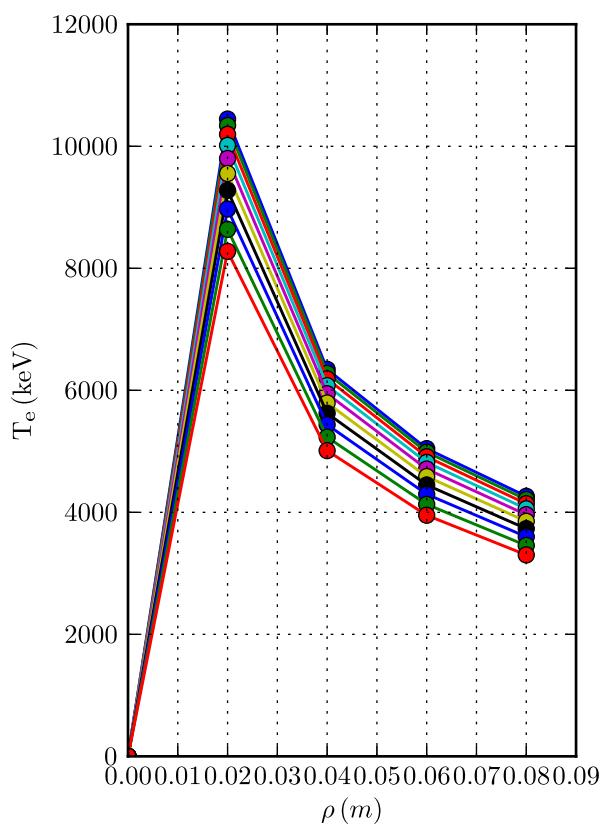
Electron particle flux



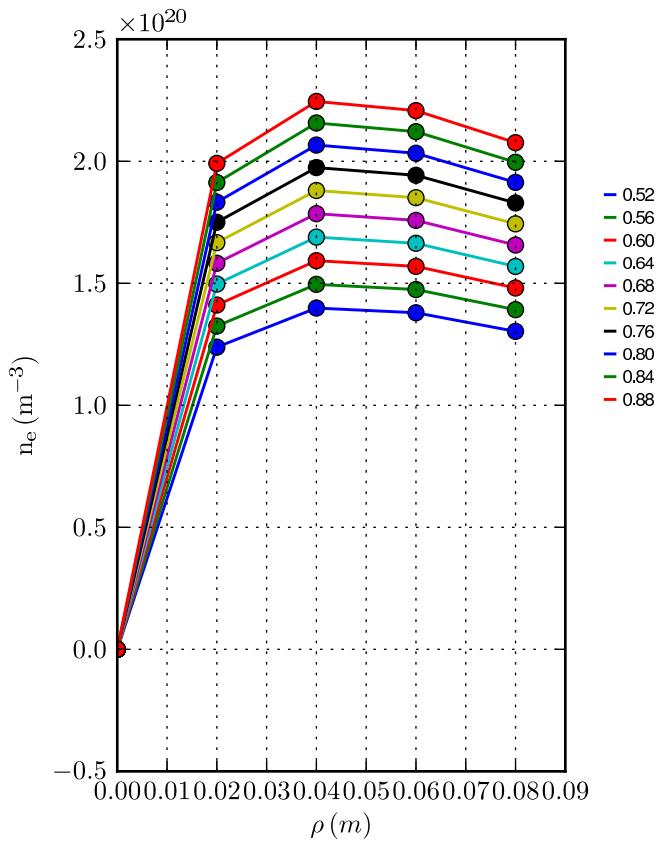
Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Spatial zoom over magnetic axis; time sampling: last 10 time slices

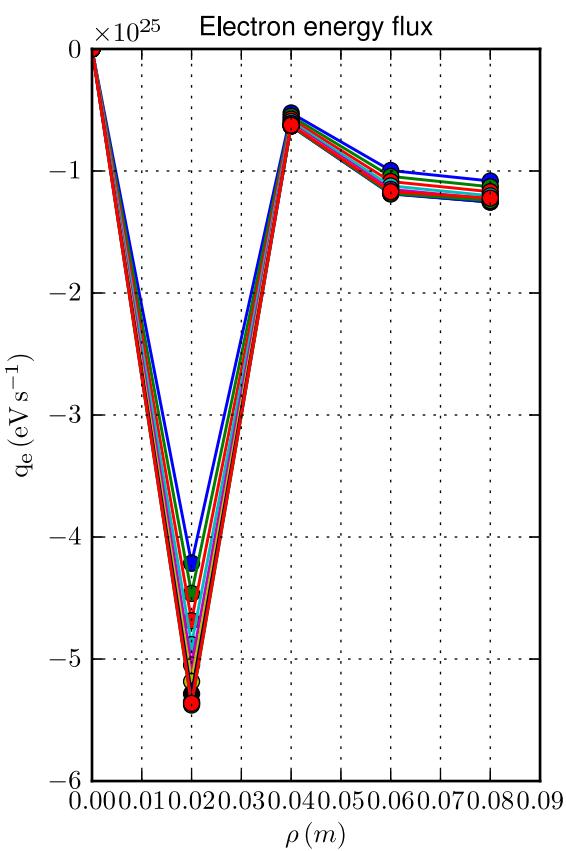
Electron temperature



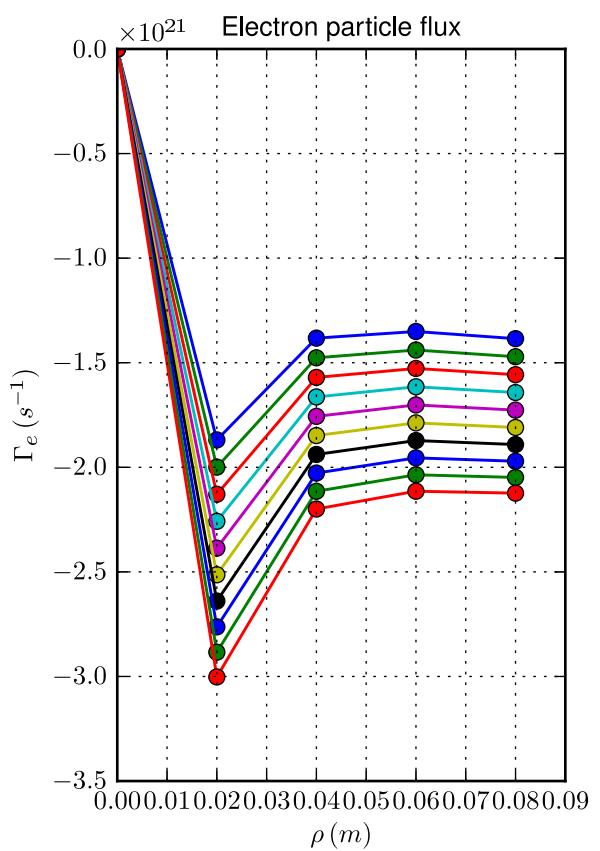
Electron density



Electron energy flux



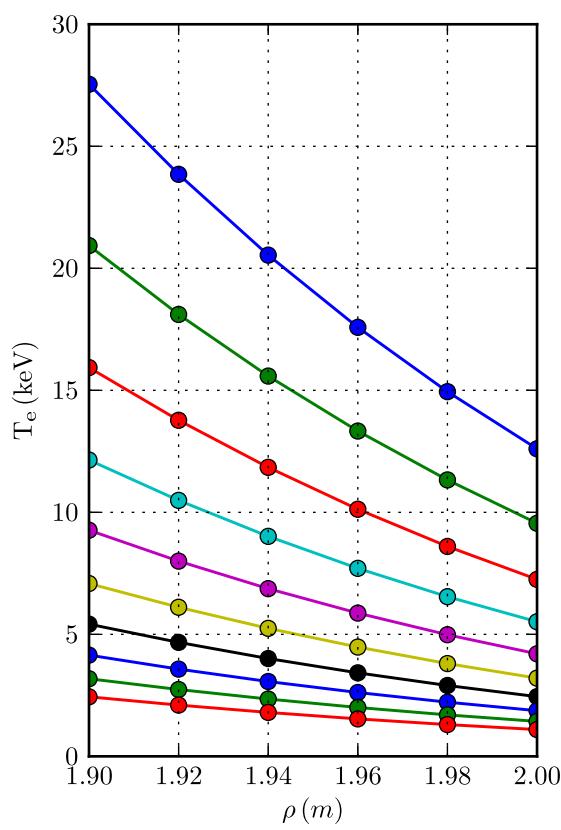
Electron particle flux



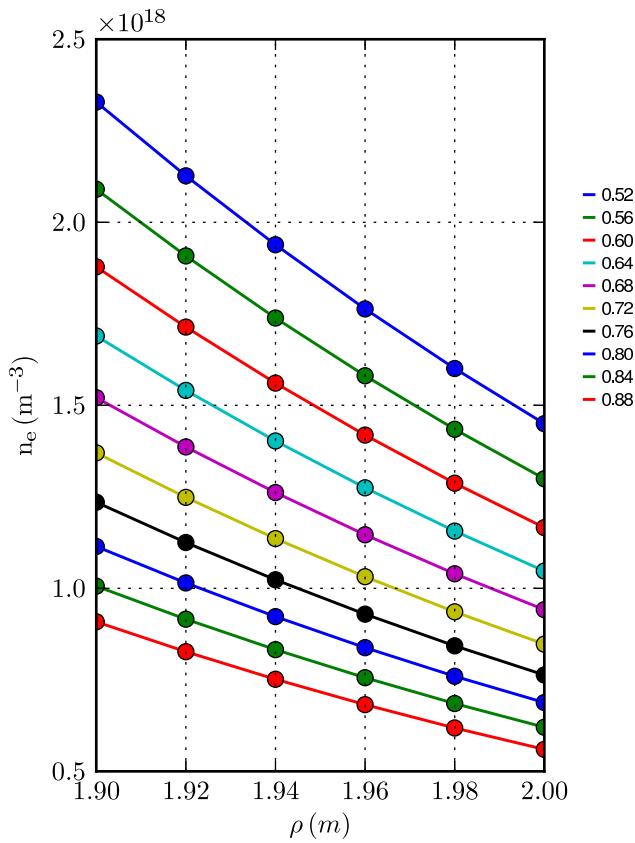
Profiles

[Case: I.1.5.j, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = -1.00 \text{ m/s}$, $\Delta t = 4.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Spatial zoom over edge; time sampling: last 10 time slices

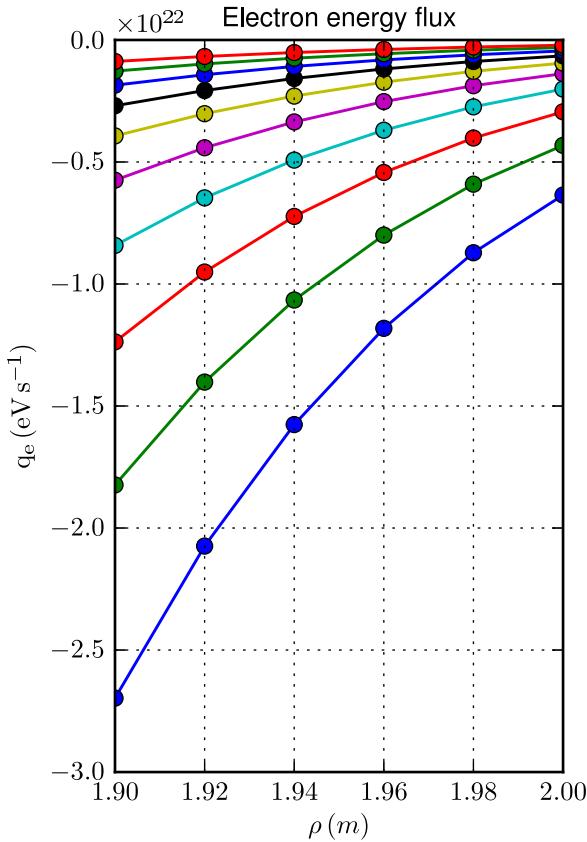
Electron temperature



Electron density



Electron energy flux



Electron particle flux

