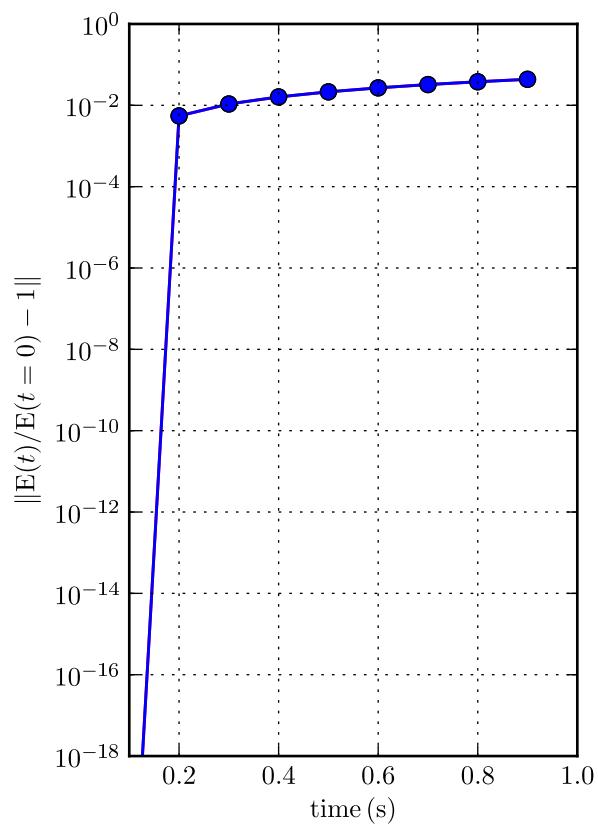
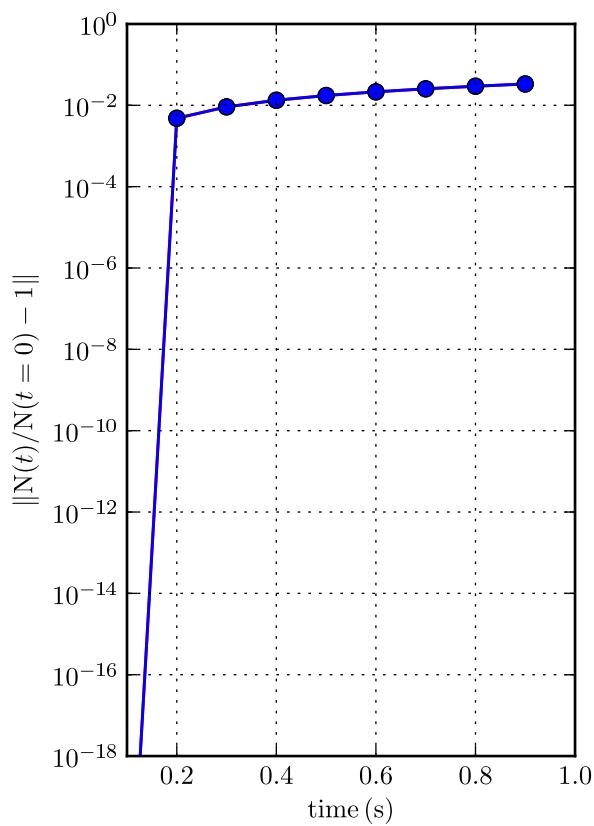
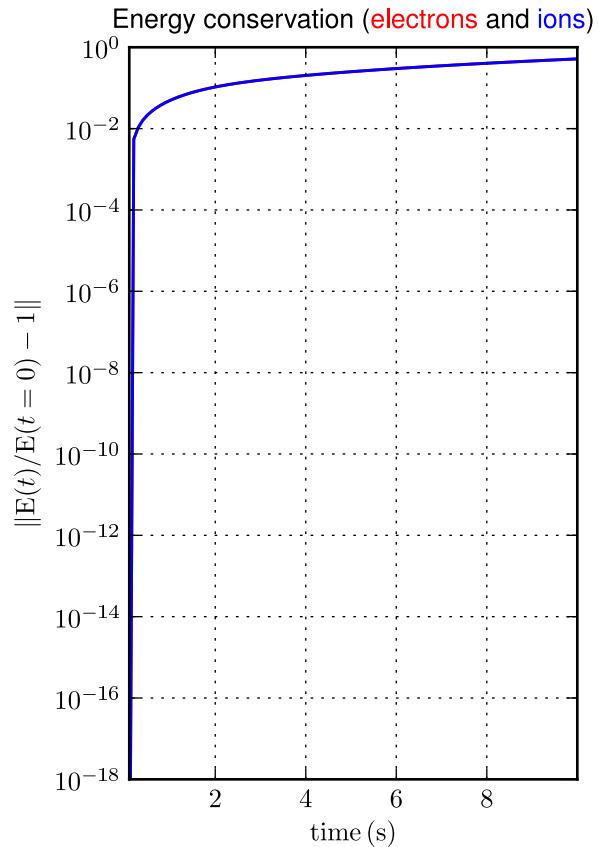
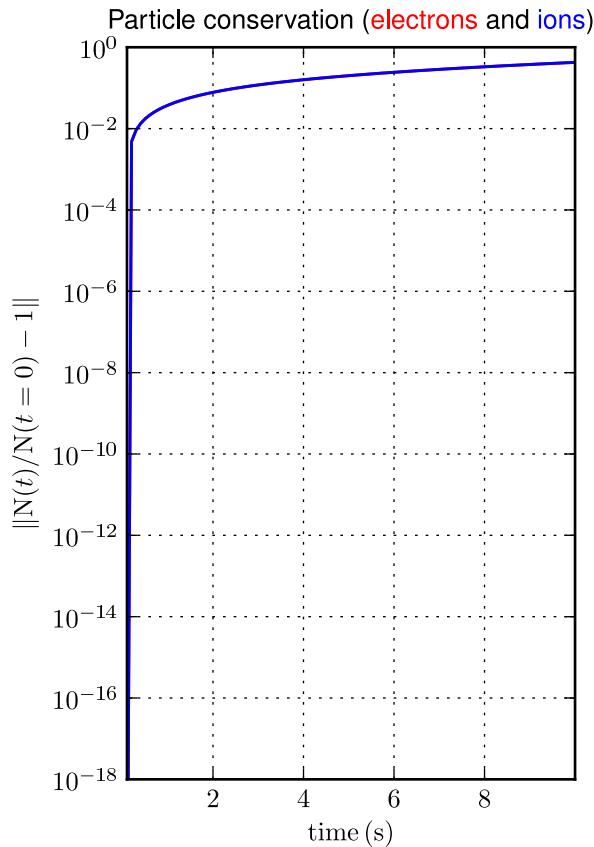


Part. & Energy conservation

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

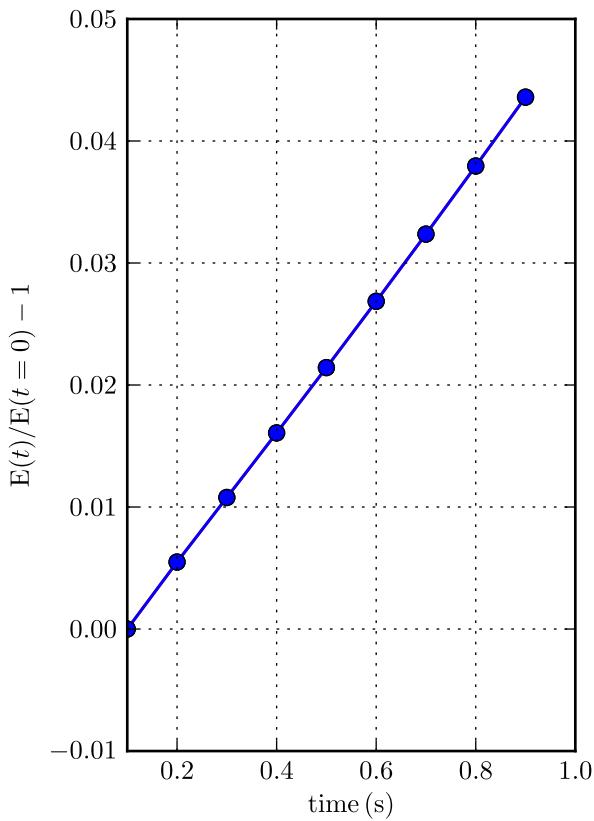
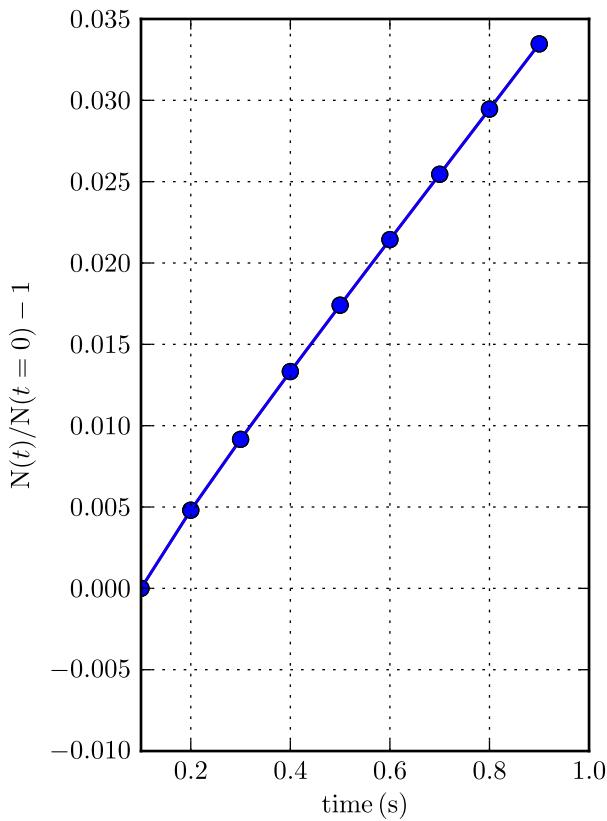
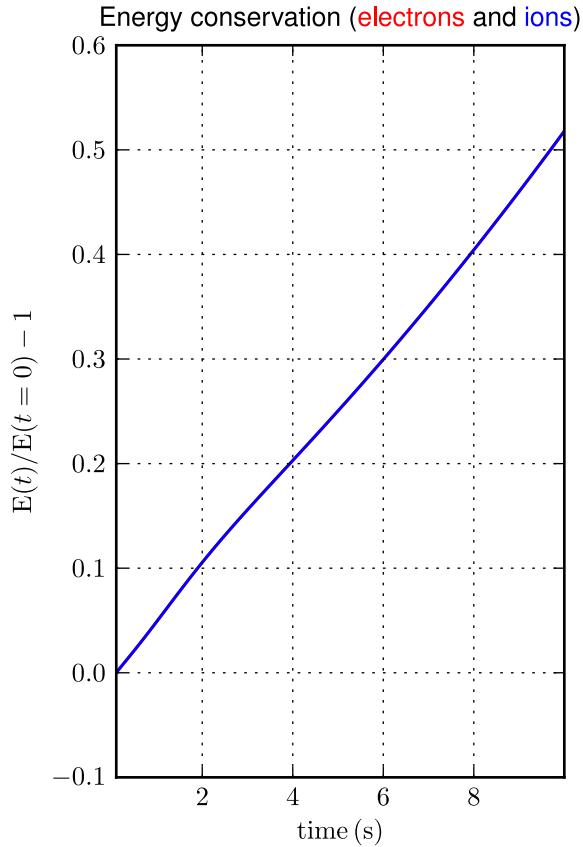
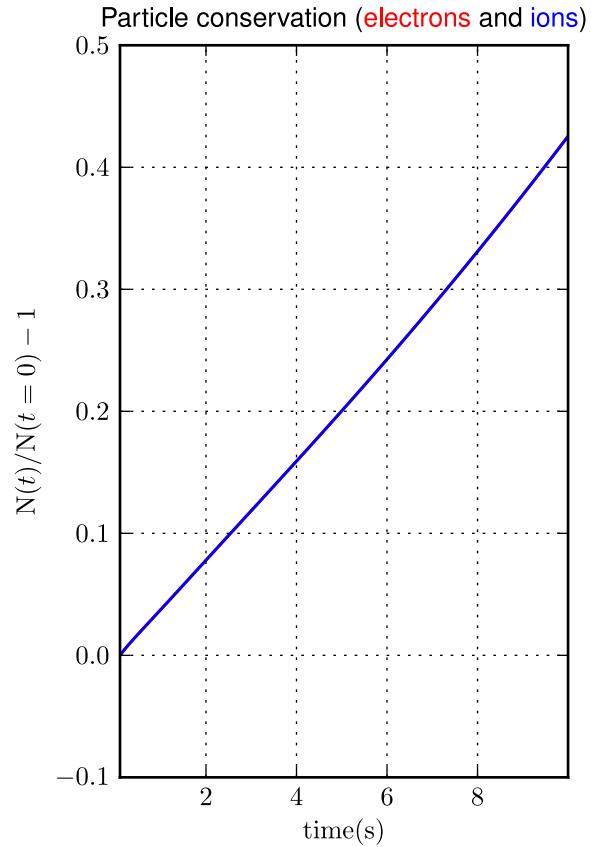
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

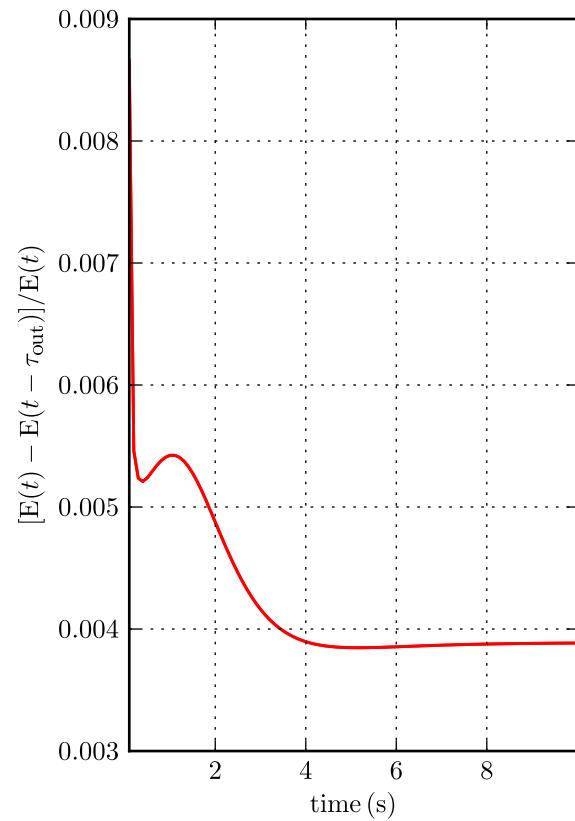
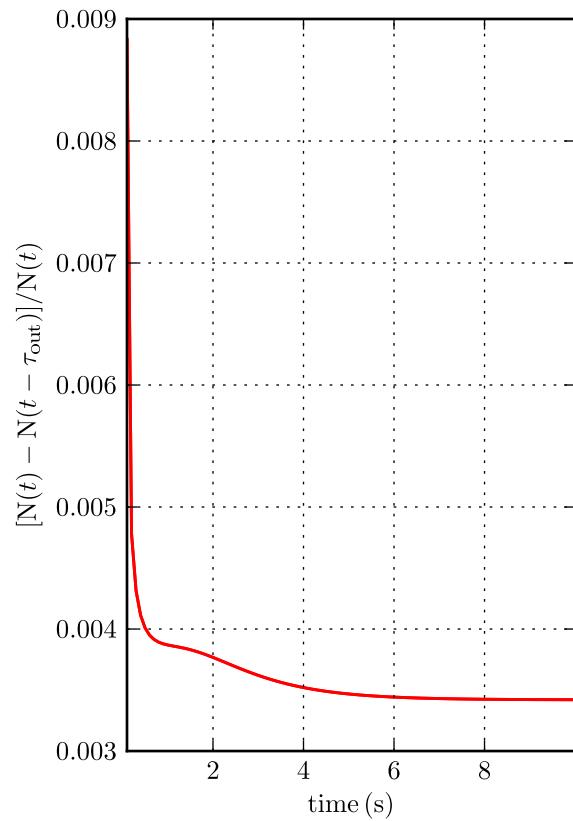
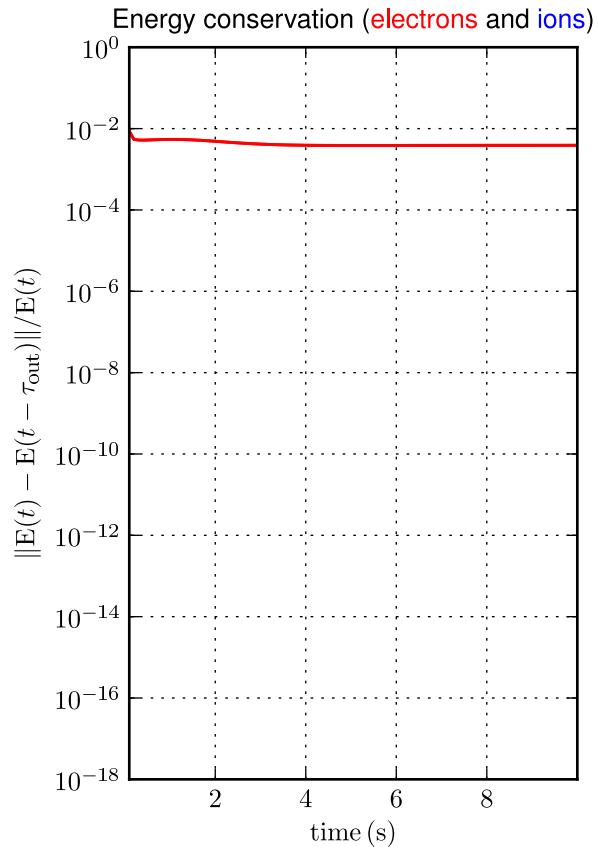
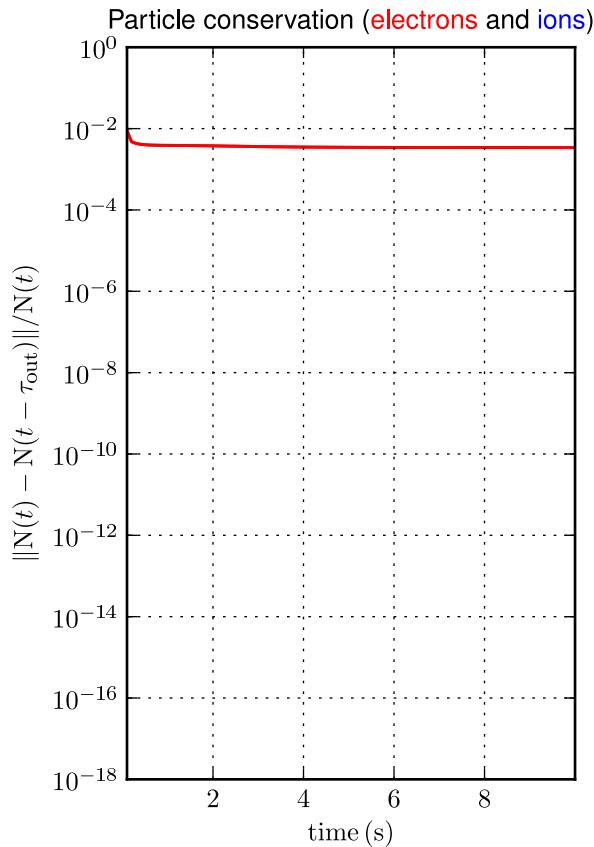
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

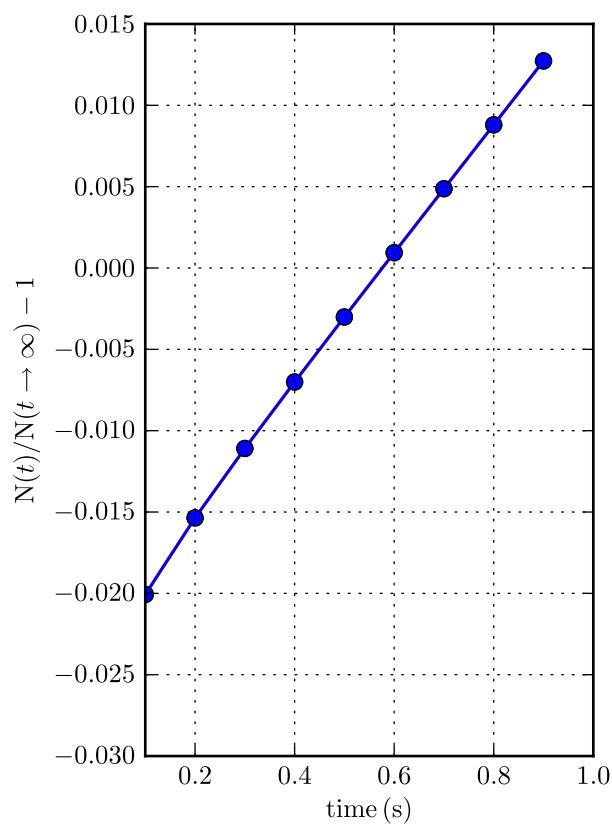
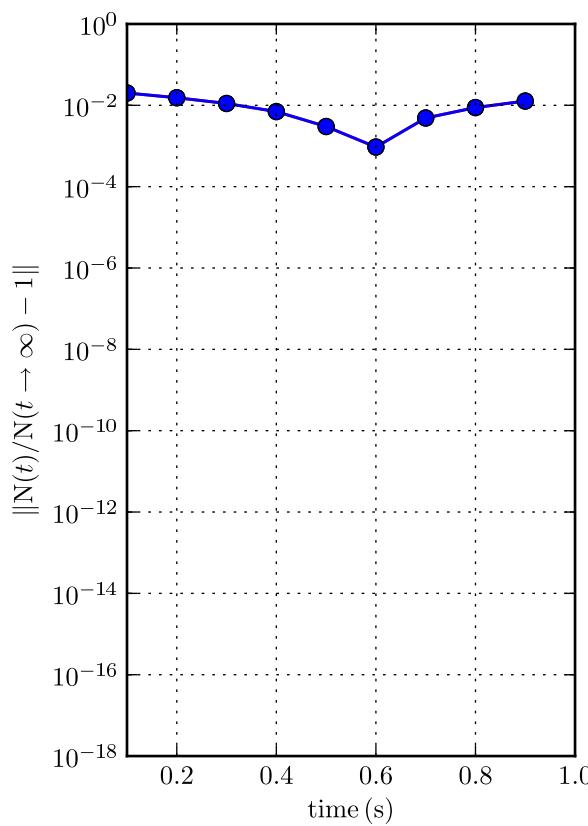
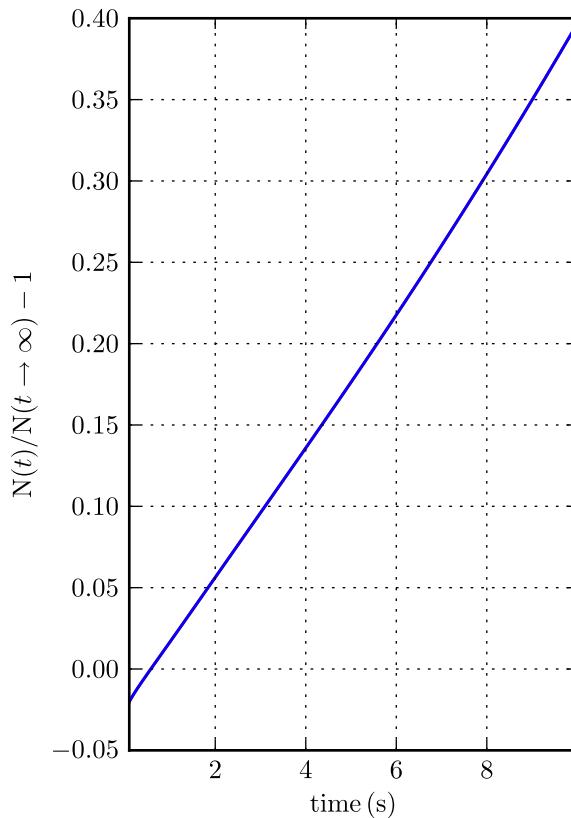
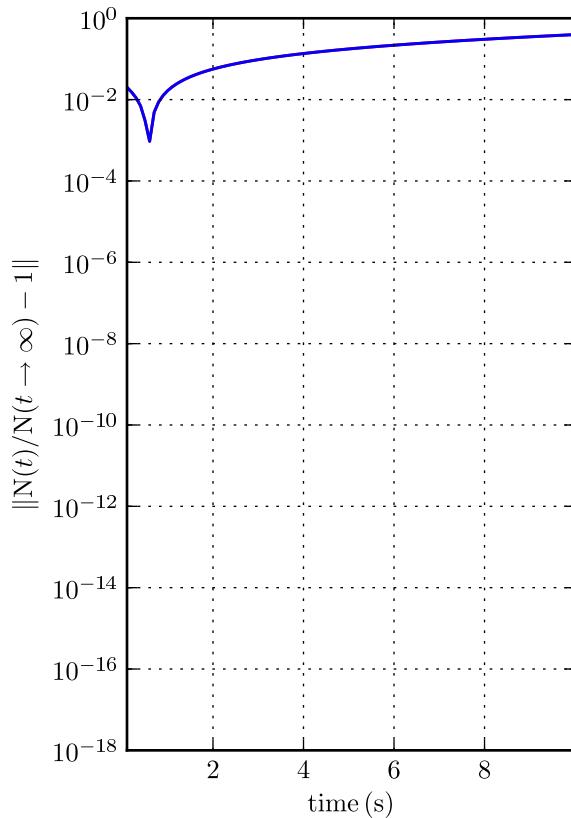
Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



Particle conservation

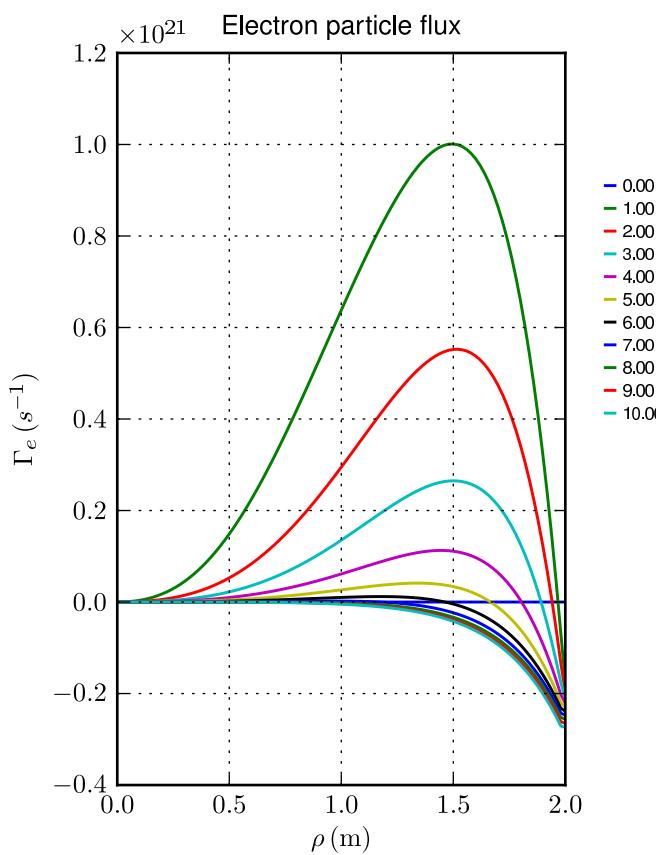
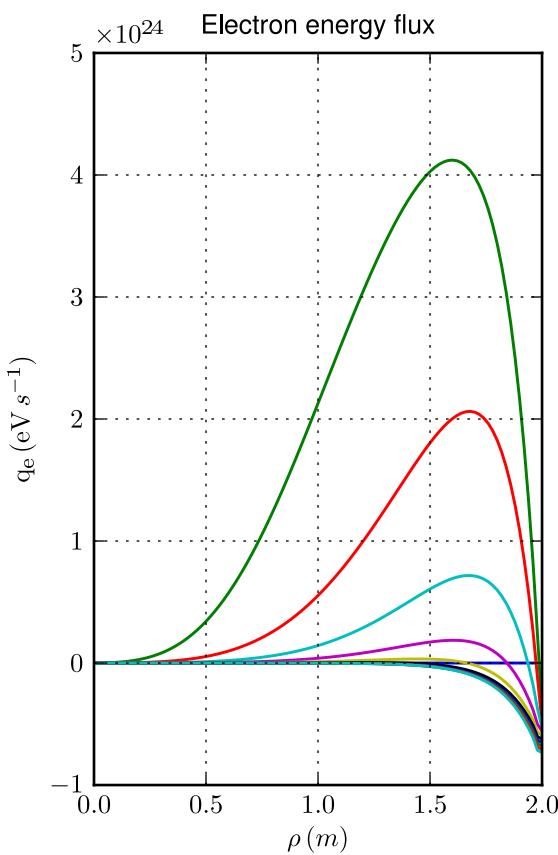
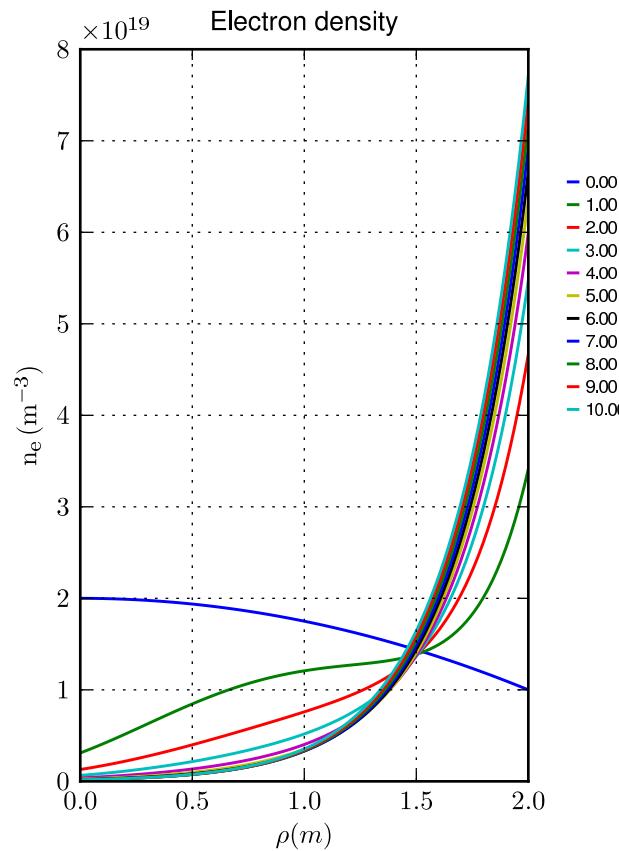
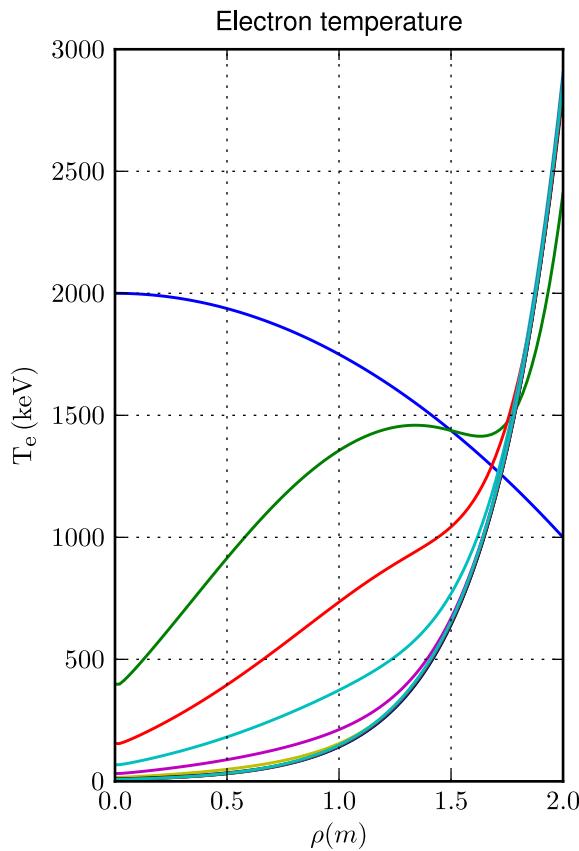
[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with asymptotic solution (electrons and ions); total time and zoom over time



Profiles

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: total simulation time/10

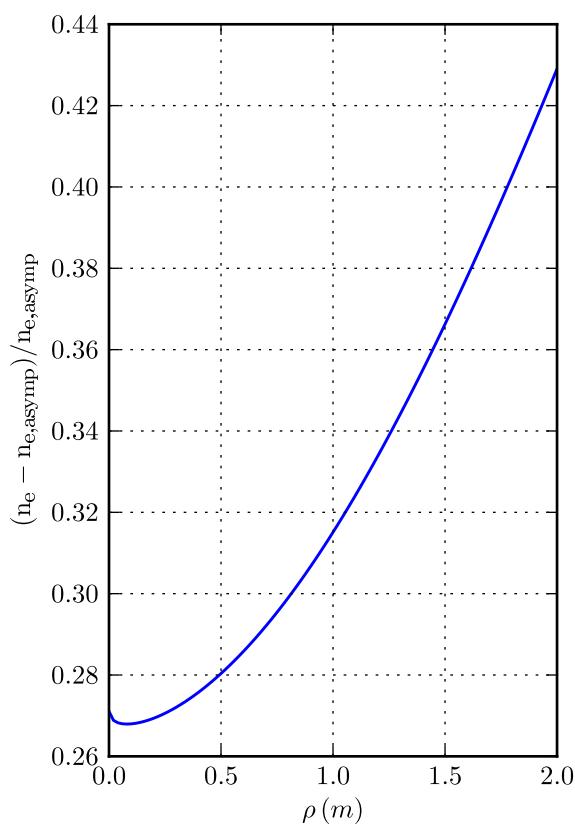


Profiles

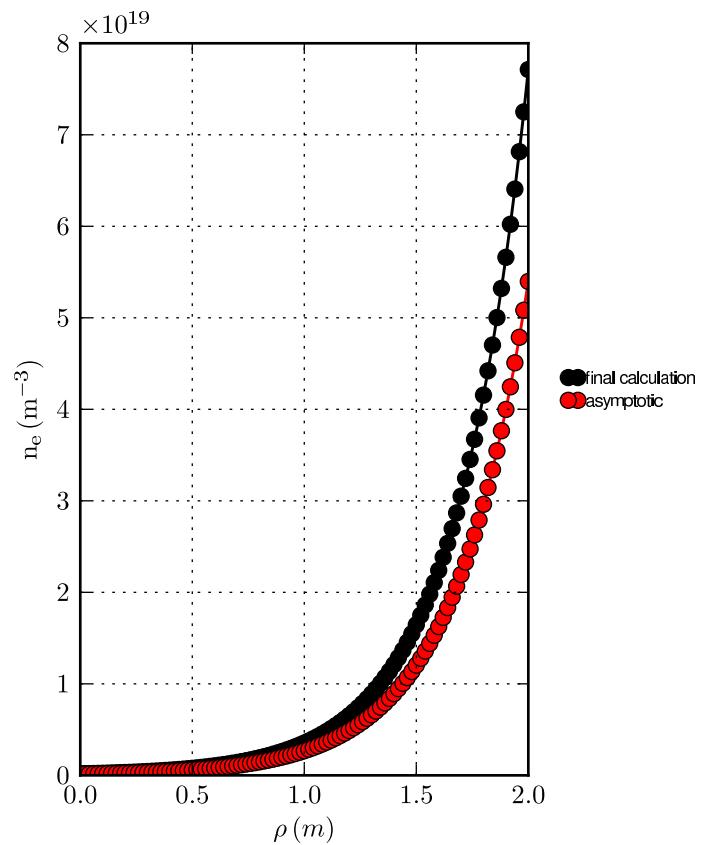
[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

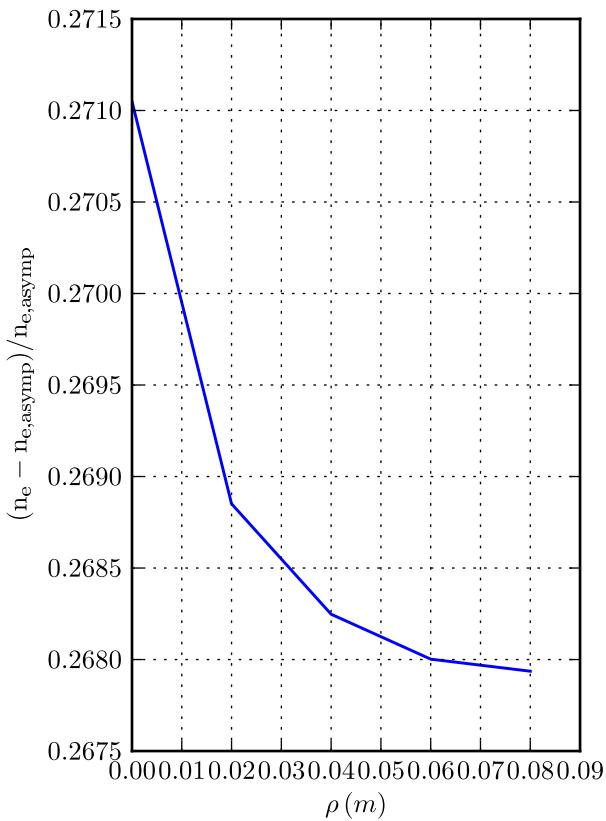
Electron density relative error



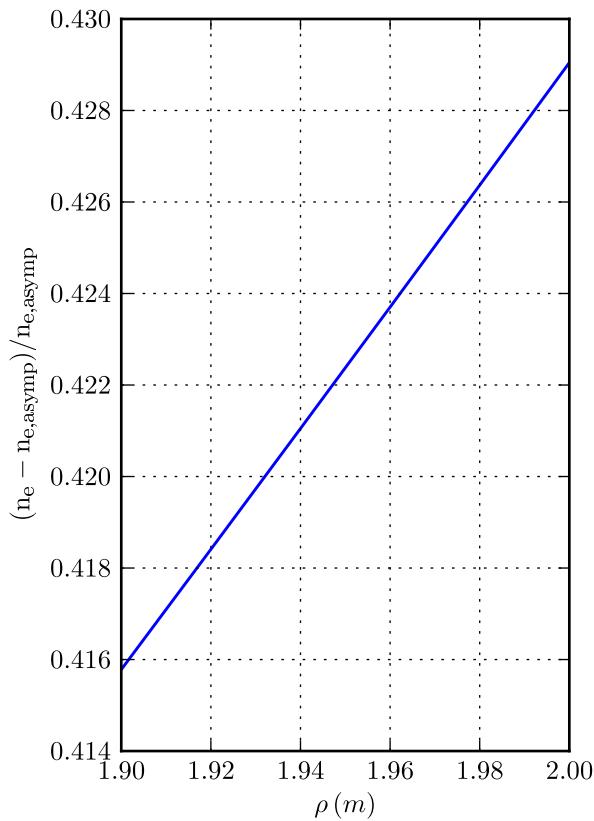
Electron density



Error: zoom over axis



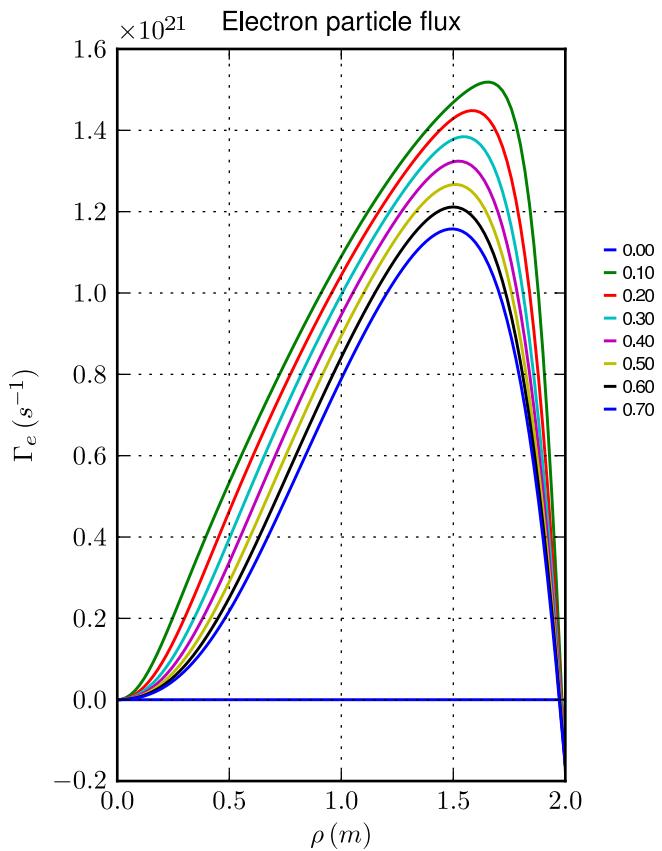
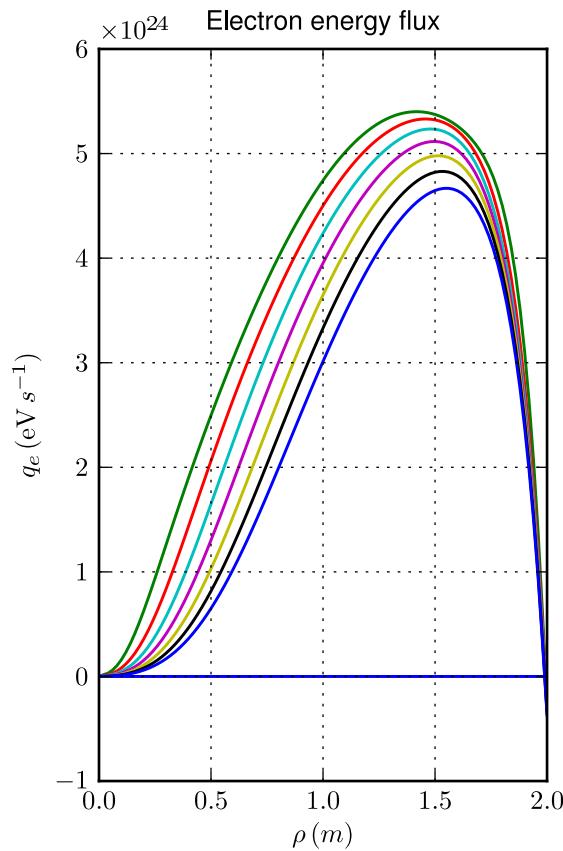
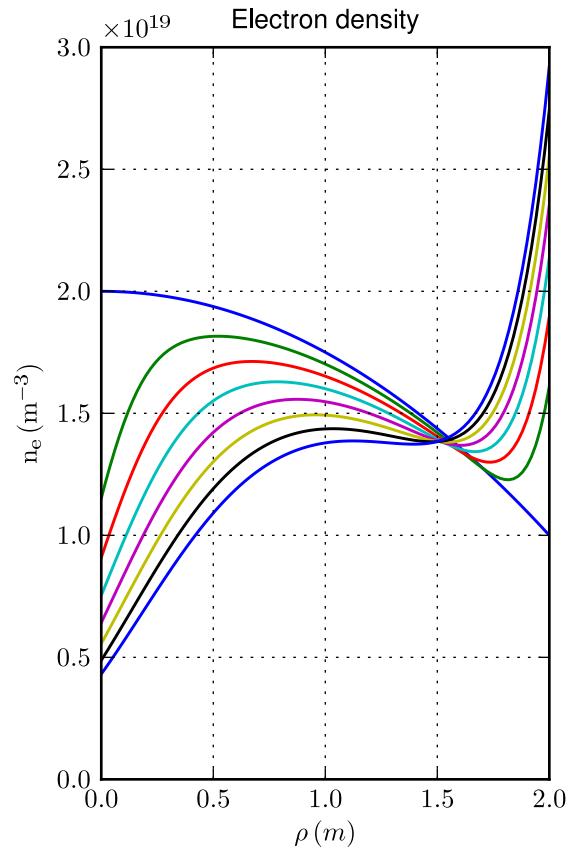
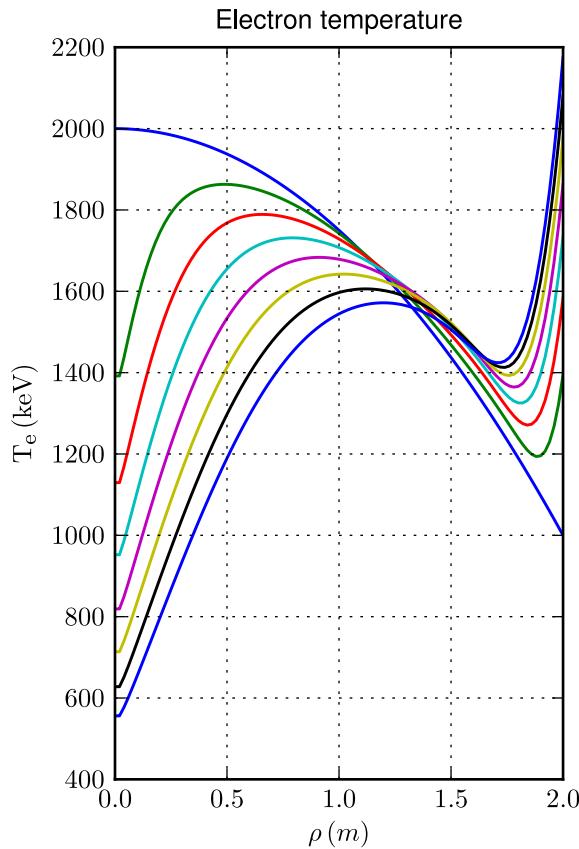
Error: zoom over edge



Profiles

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

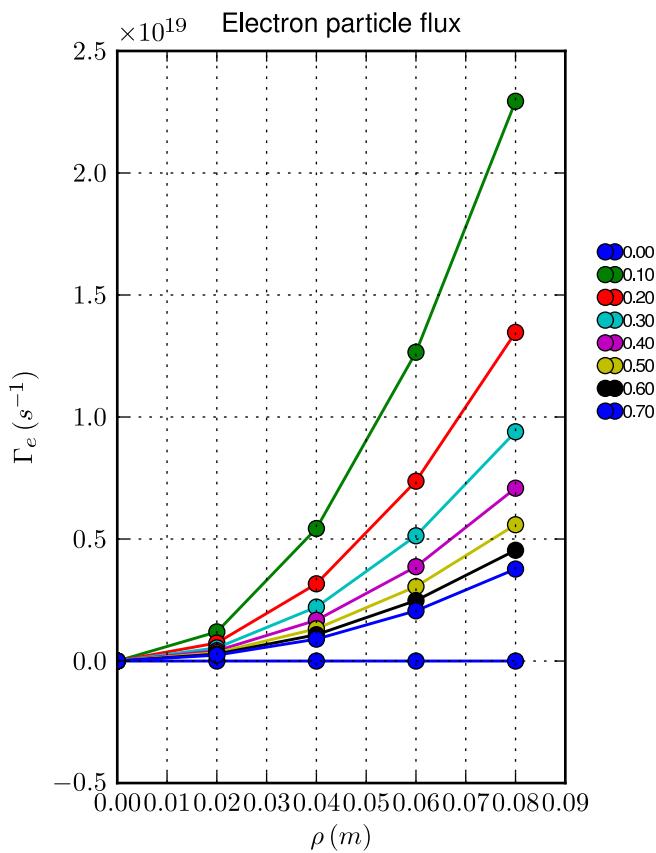
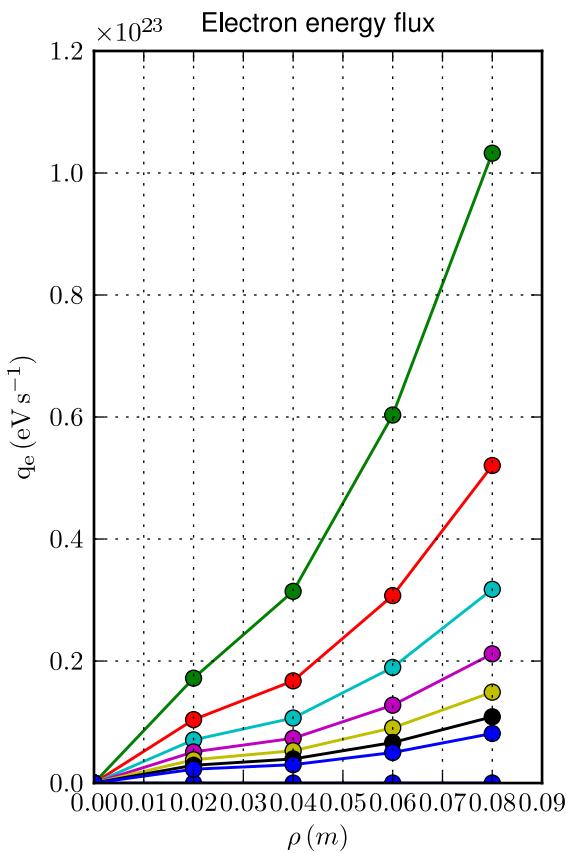
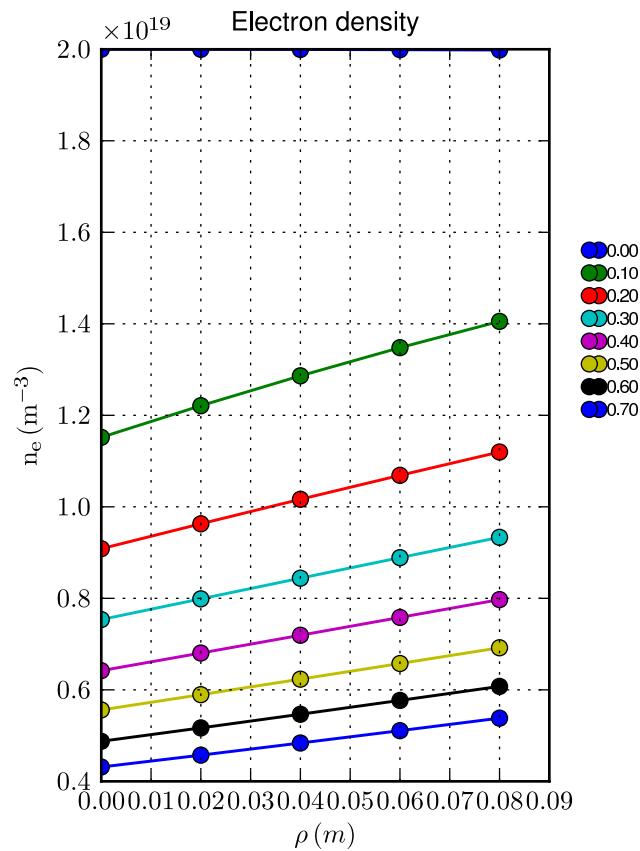
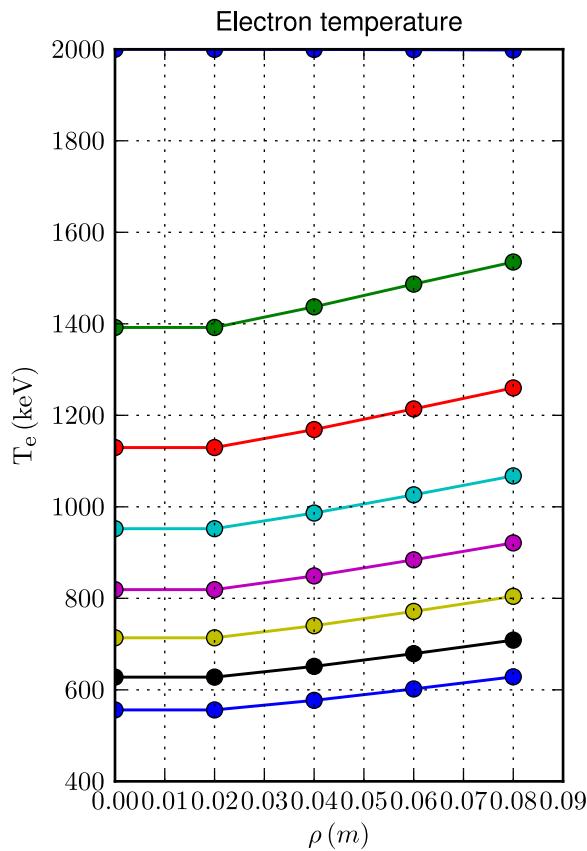


Profiles

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

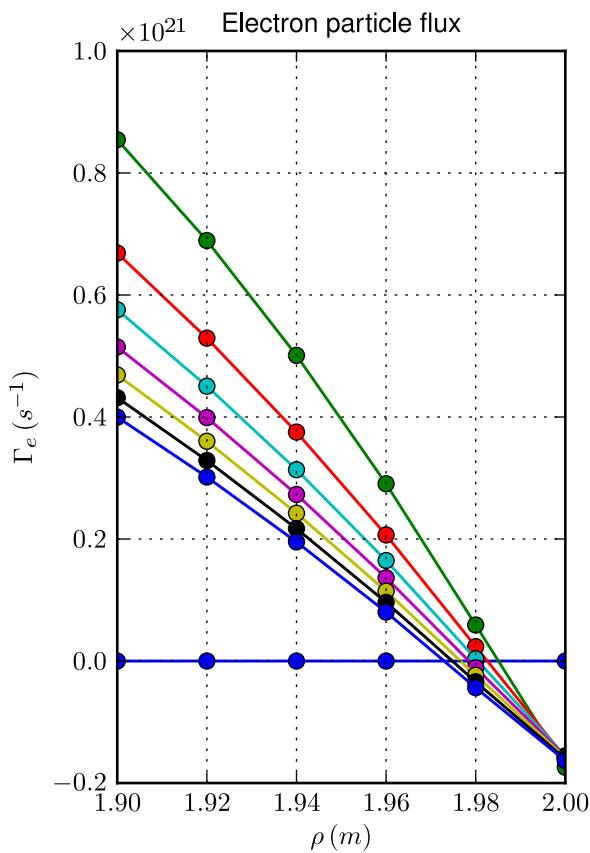
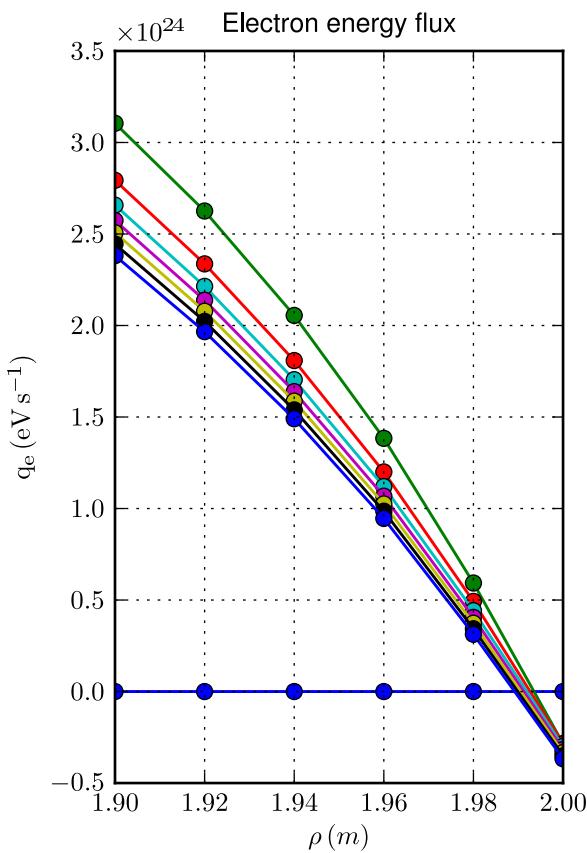
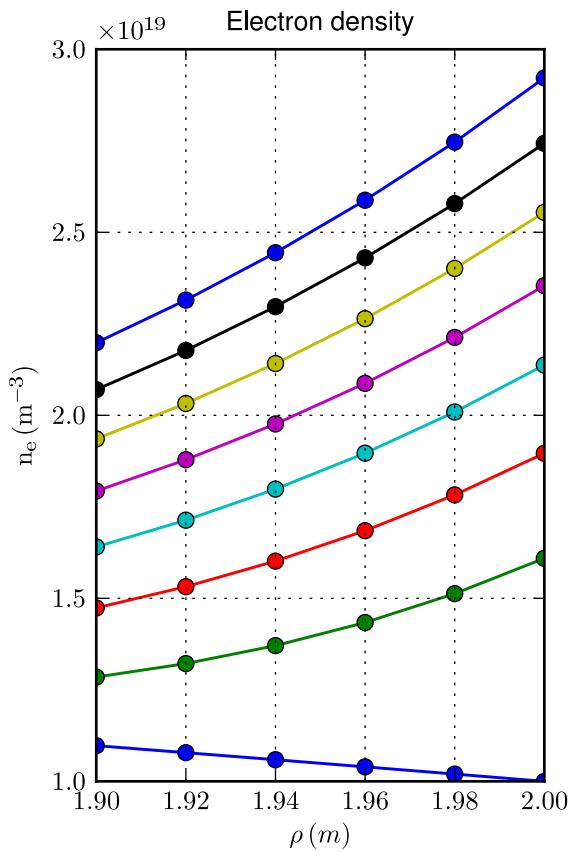
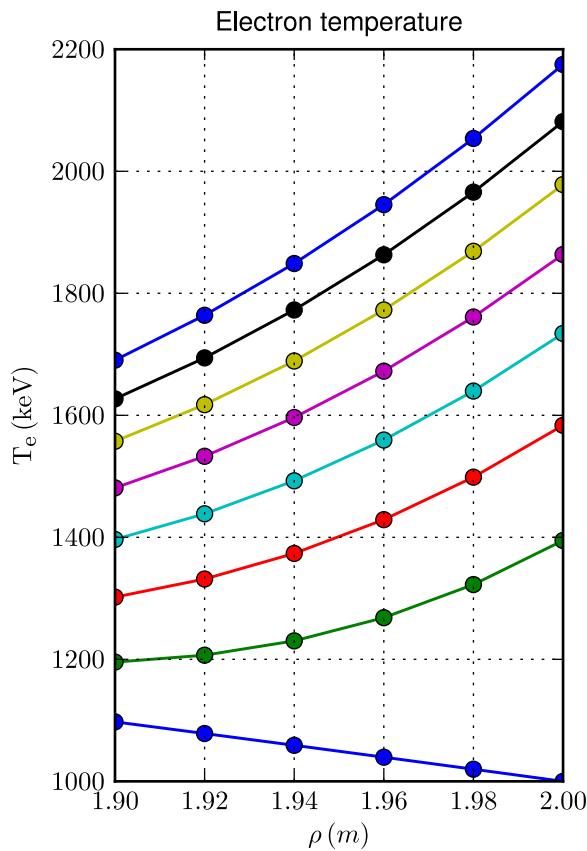


Profiles

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

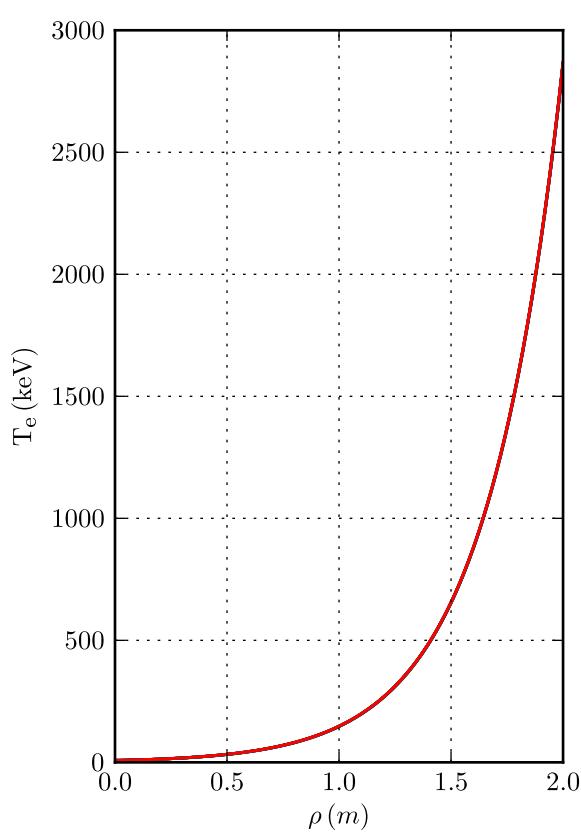


Profiles

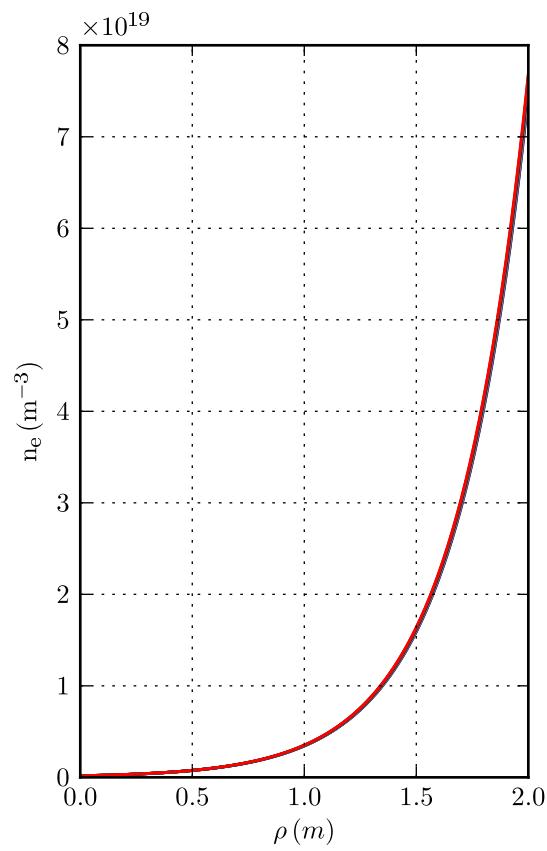
[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: last 10 time slices

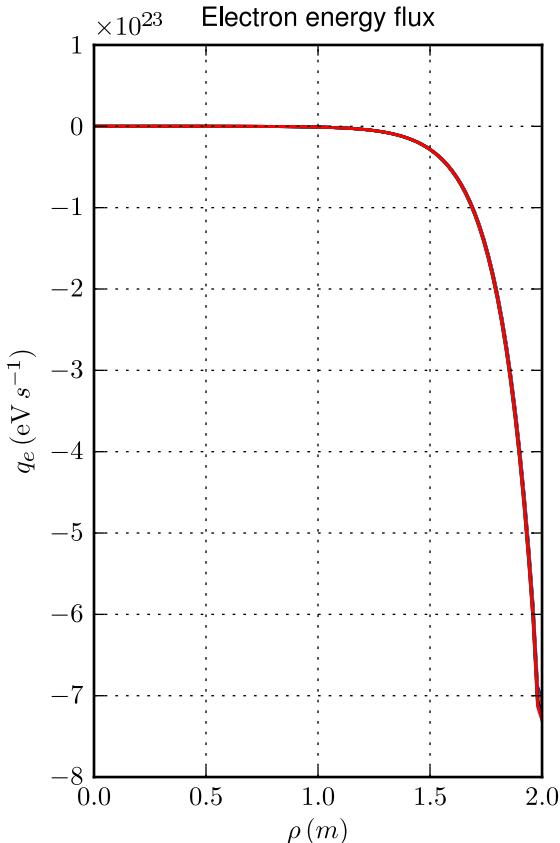
Electron temperature



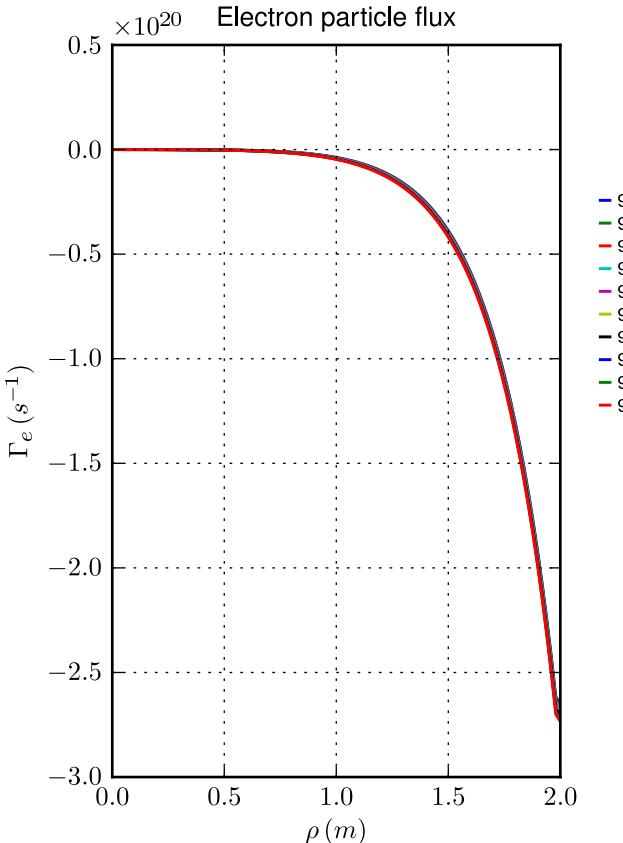
Electron density



Electron energy flux



Electron particle flux



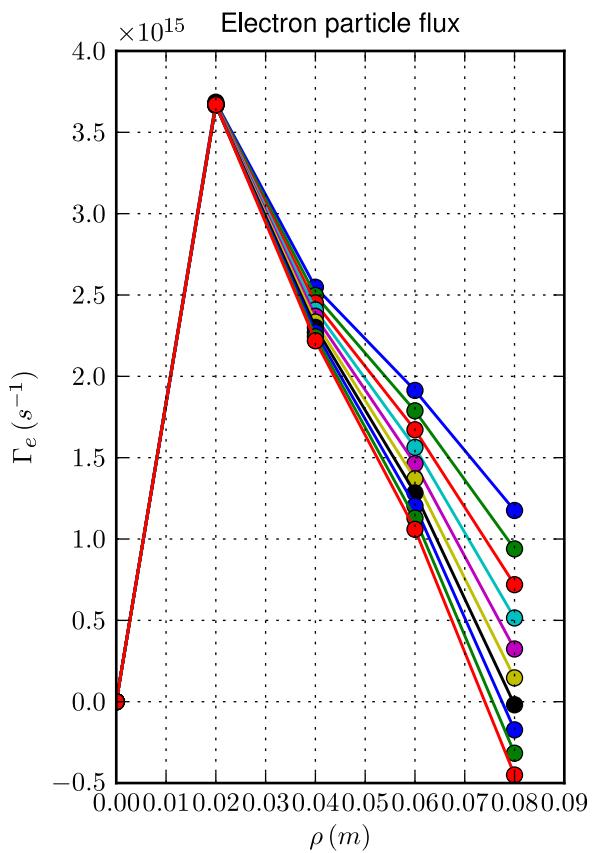
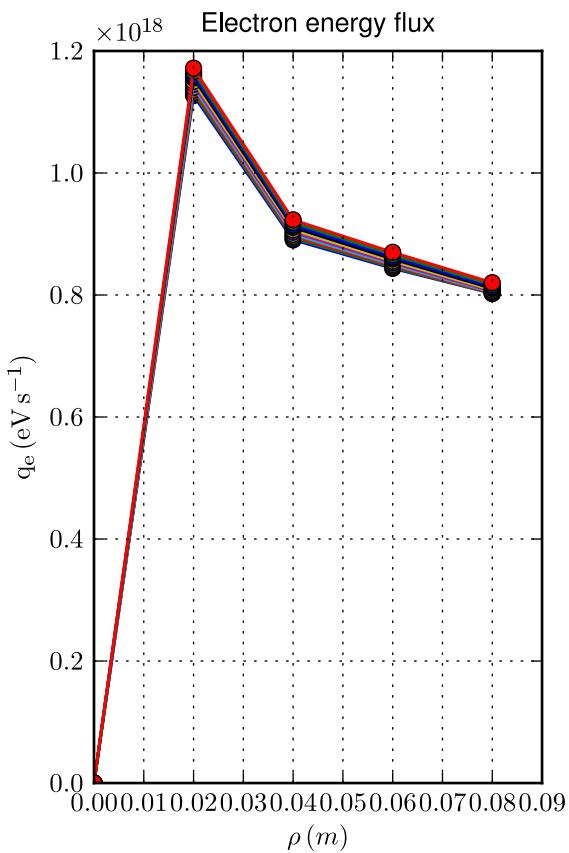
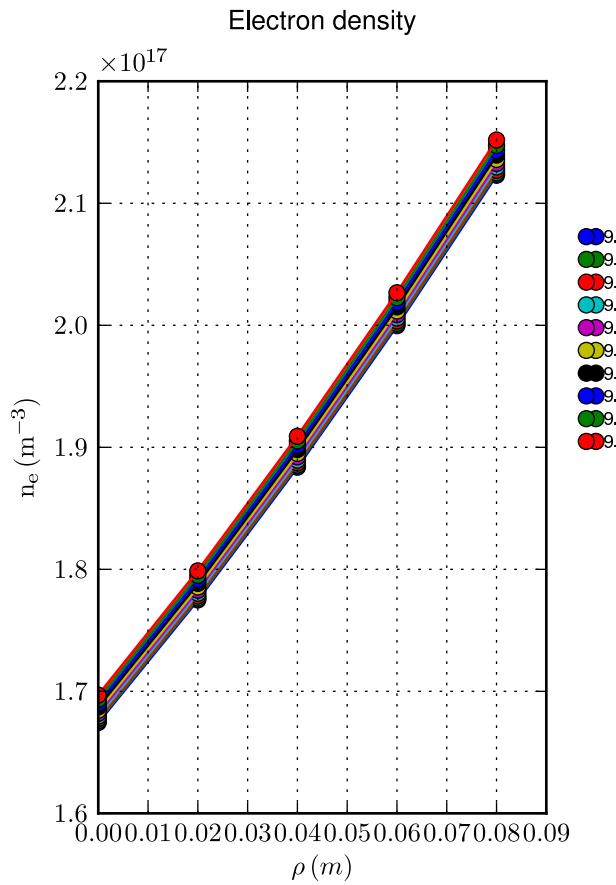
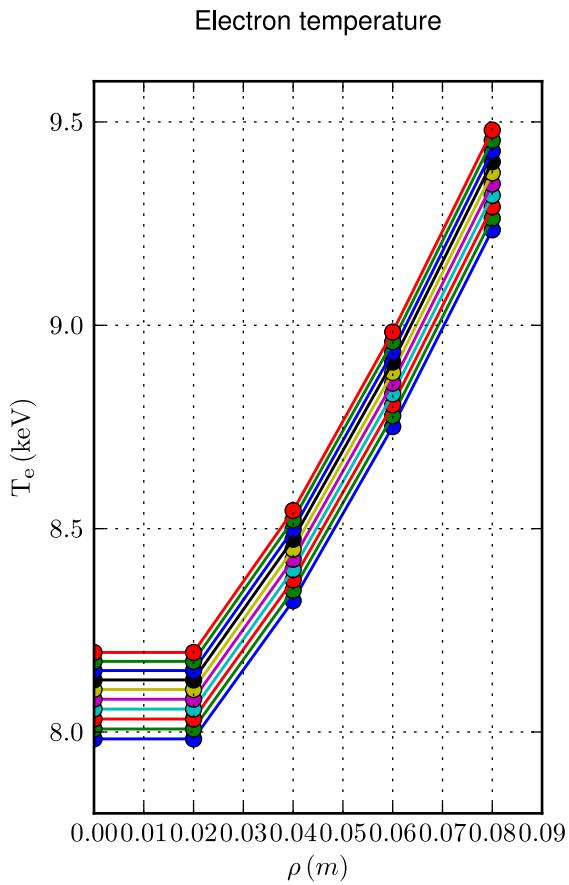
Legend for Electron particle flux:

- 9.00
- 9.10
- 9.20
- 9.30
- 9.40
- 9.50
- 9.60
- 9.70
- 9.80
- 9.90

Profiles

[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

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

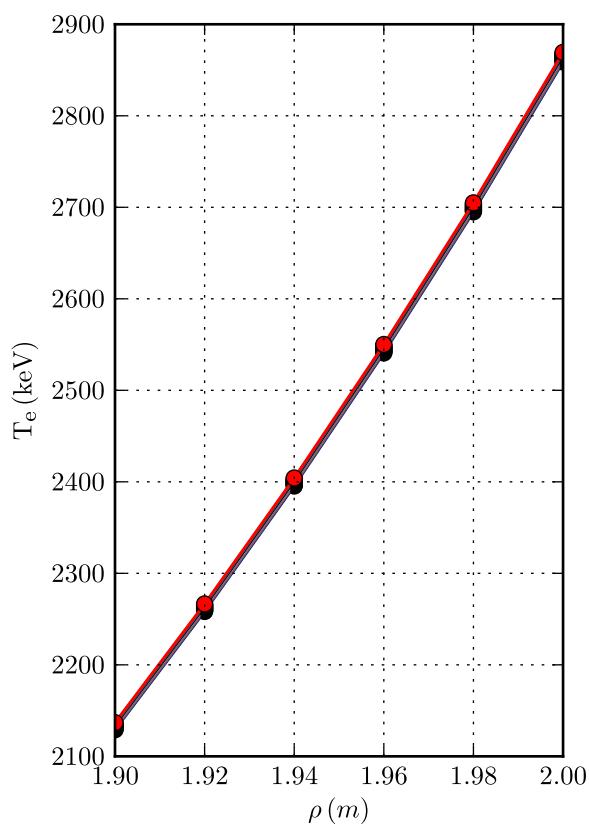


Profiles

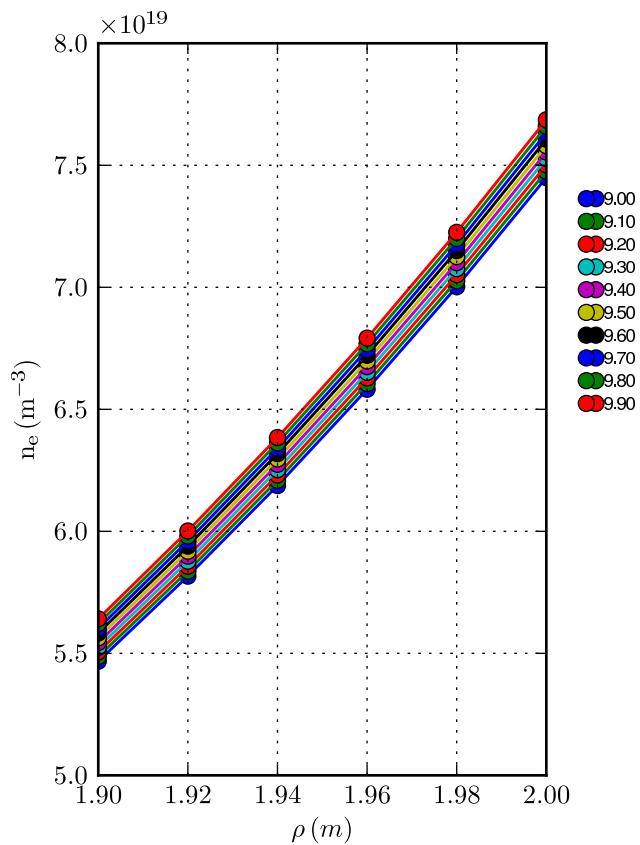
[Case: I.1.5.b, Solver: 3, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

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

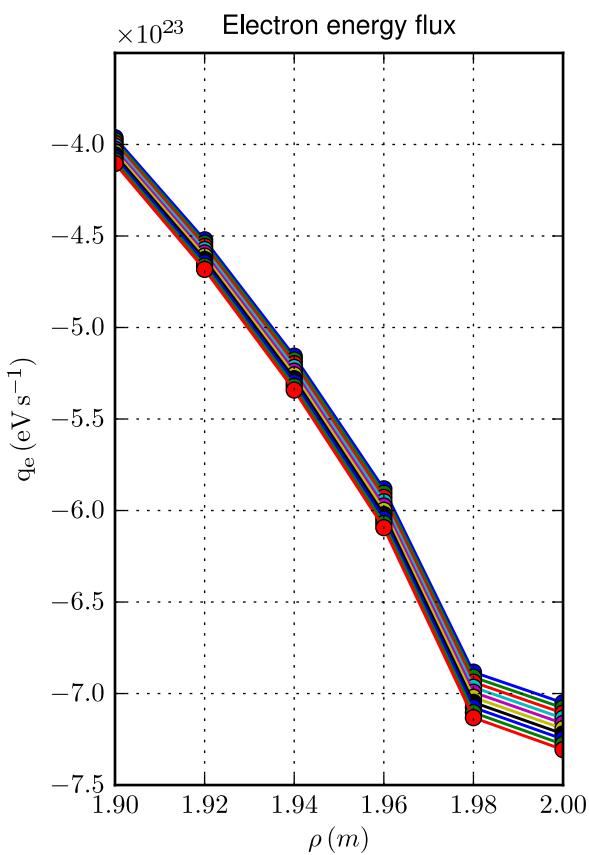
Electron temperature



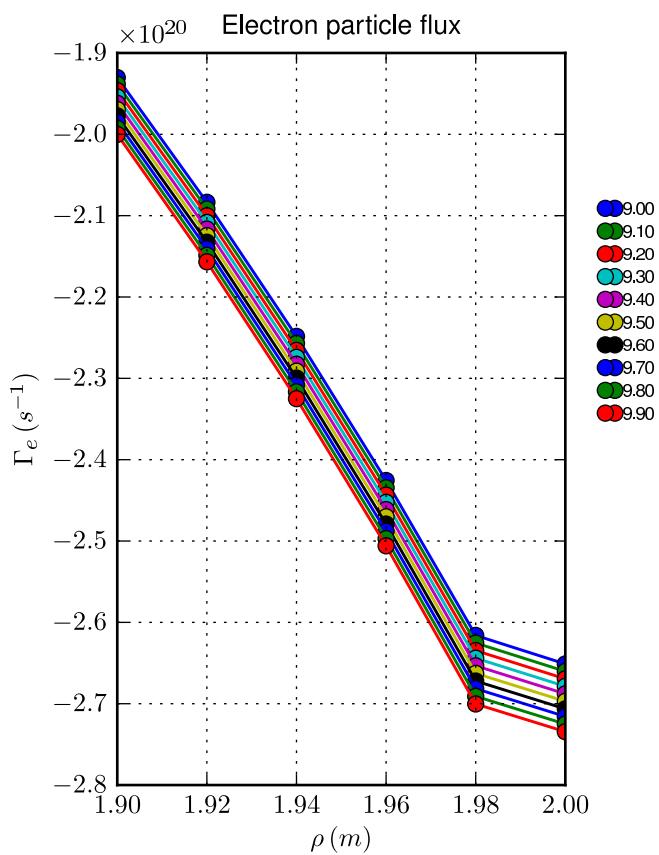
Electron density



Electron energy flux



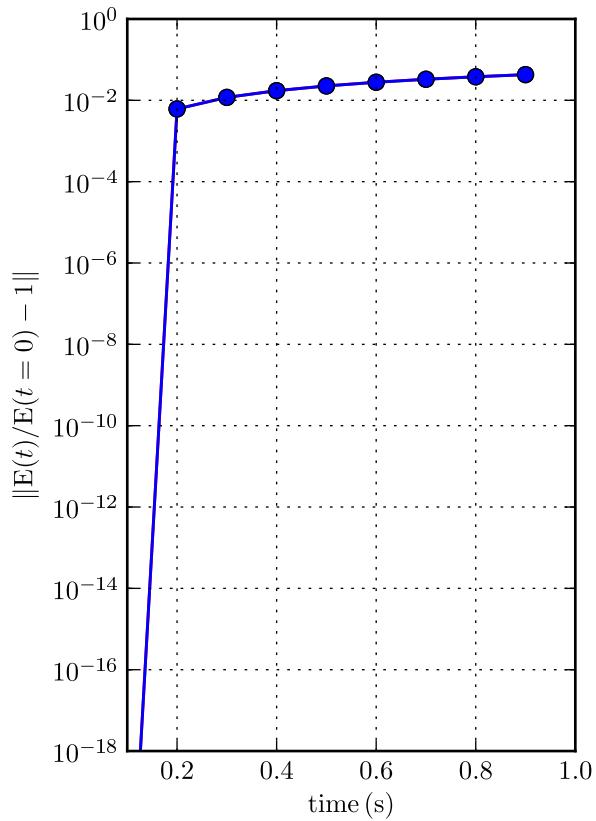
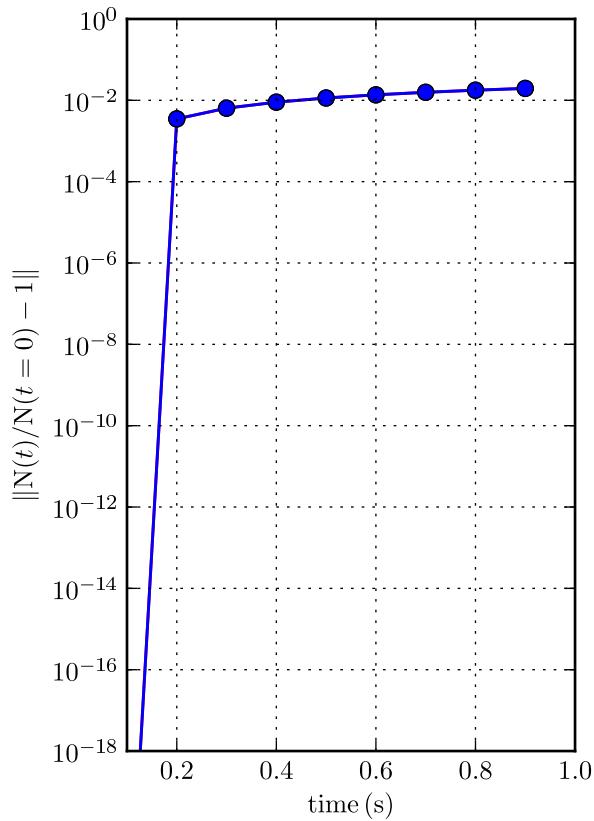
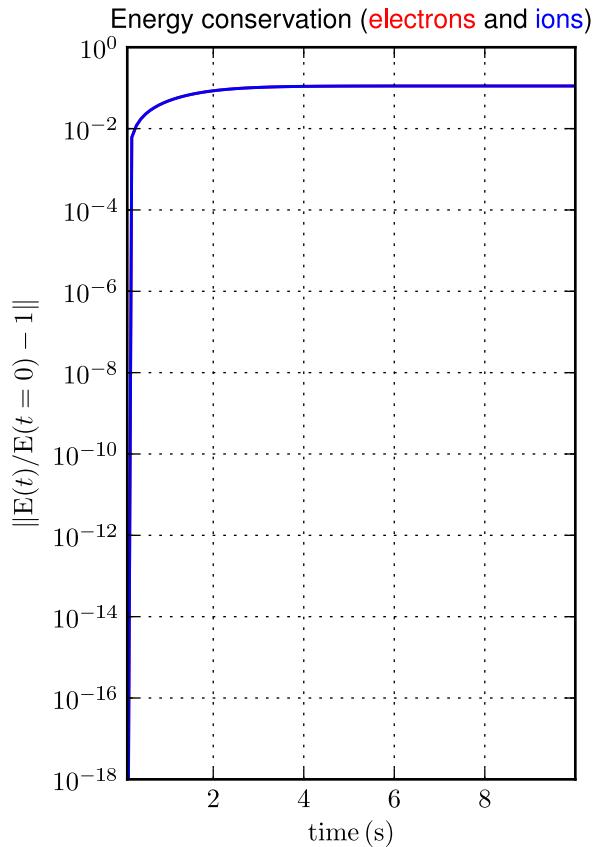
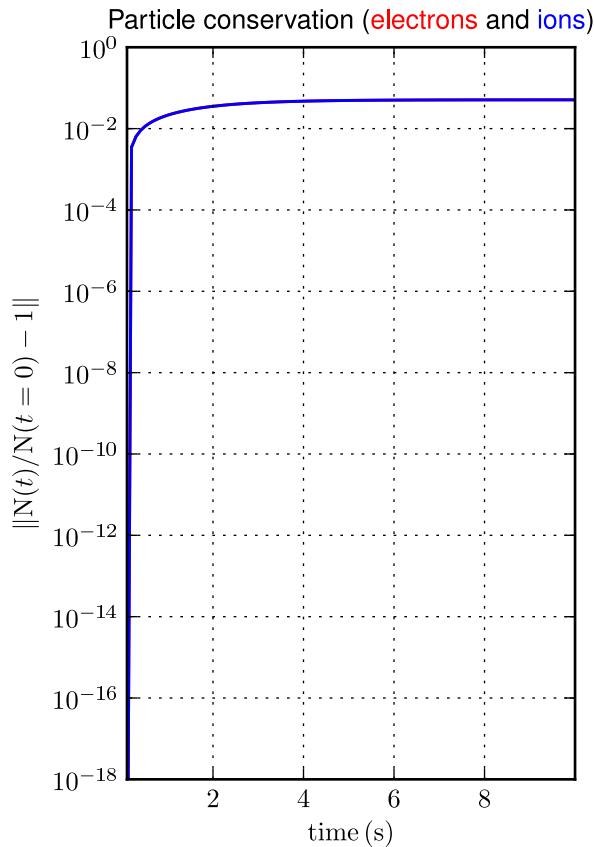
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

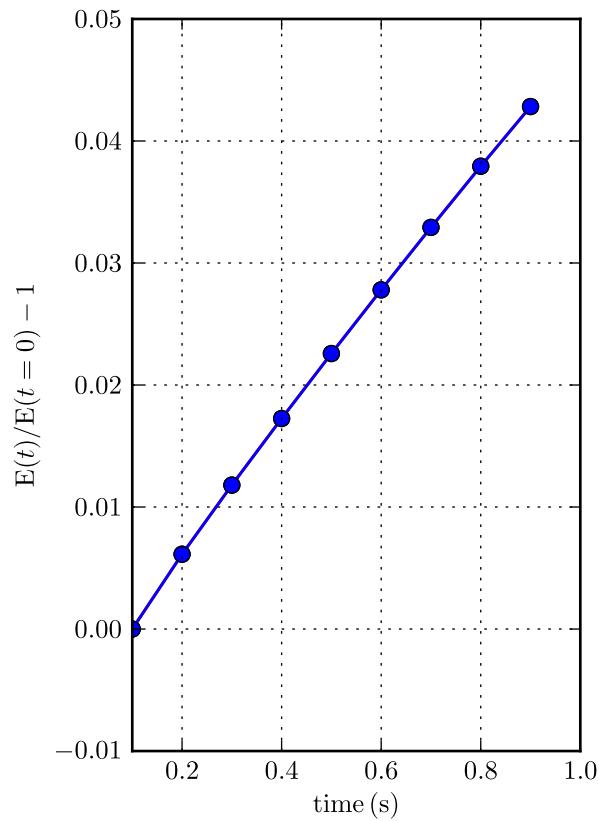
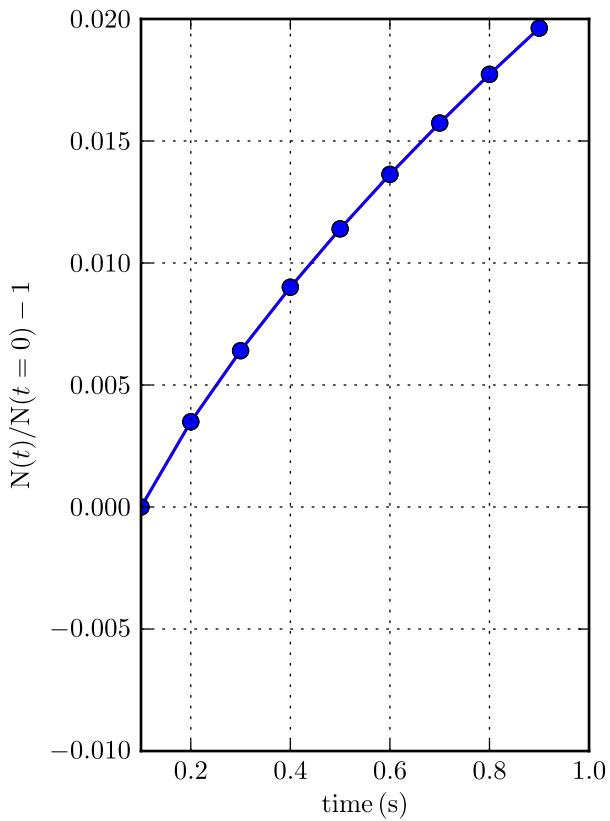
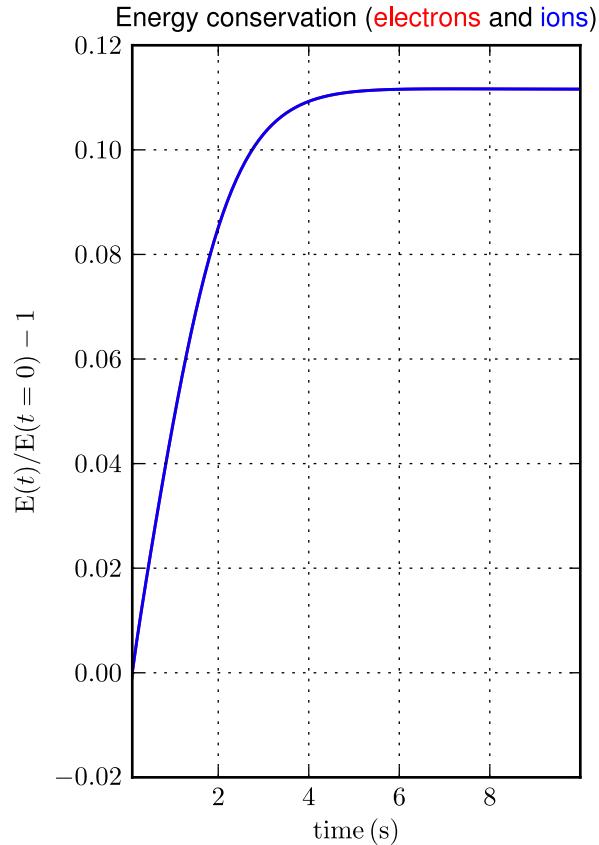
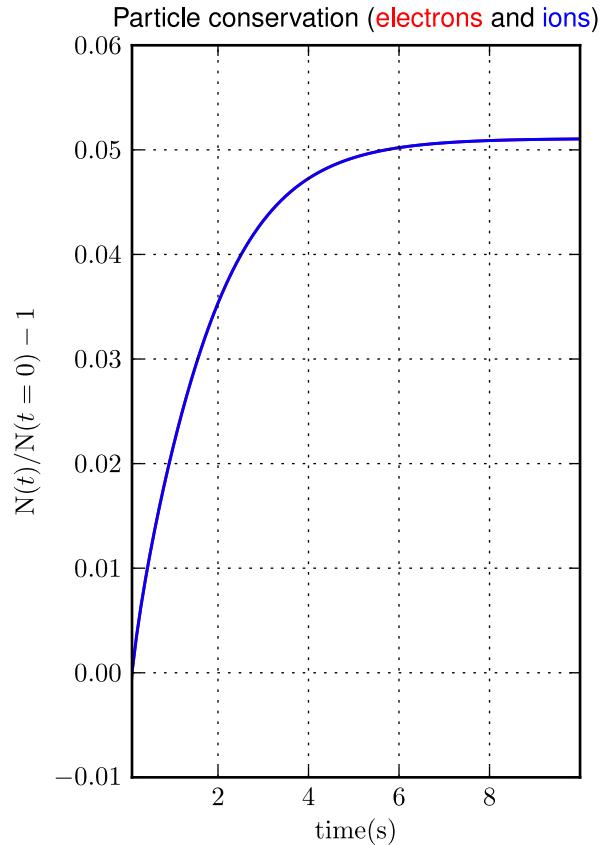
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

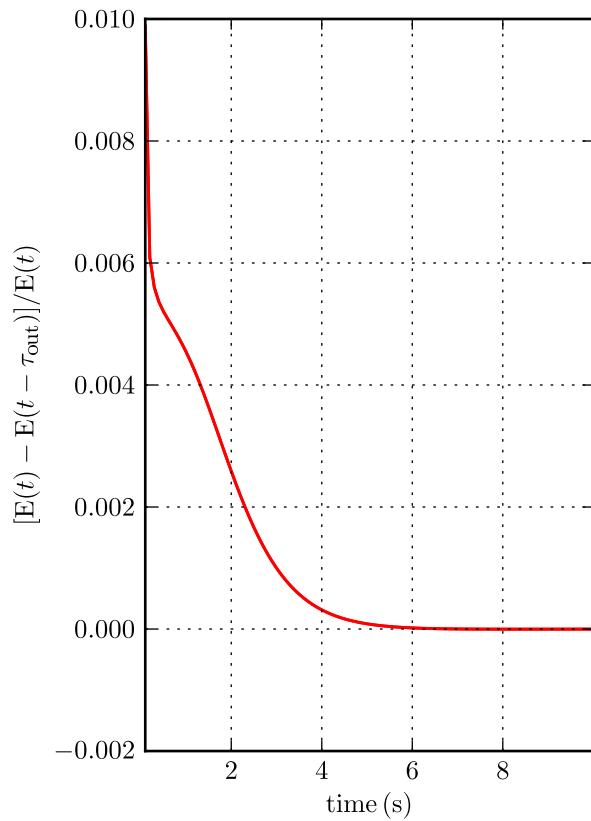
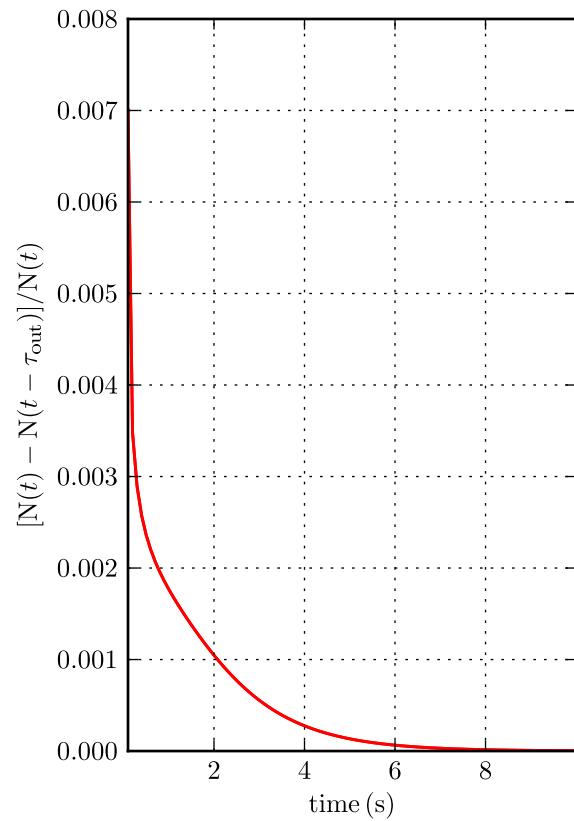
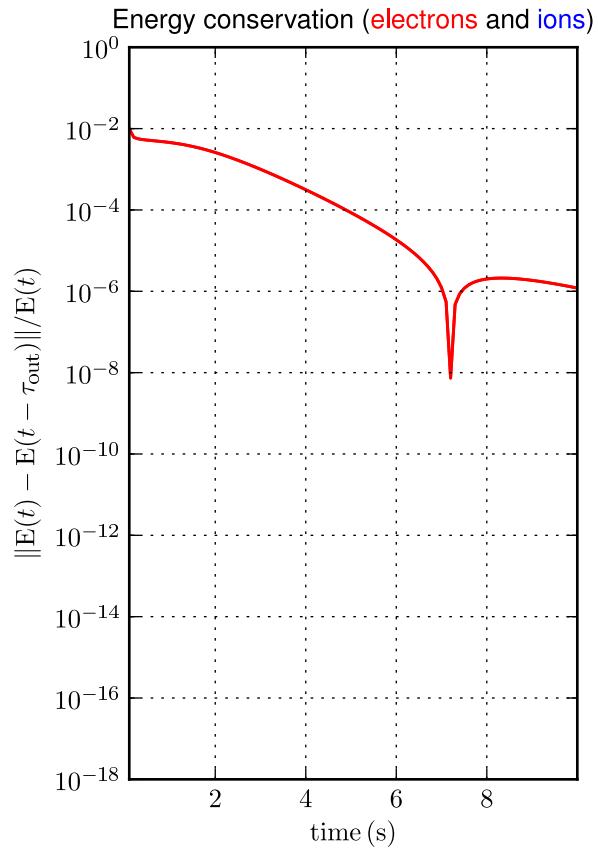
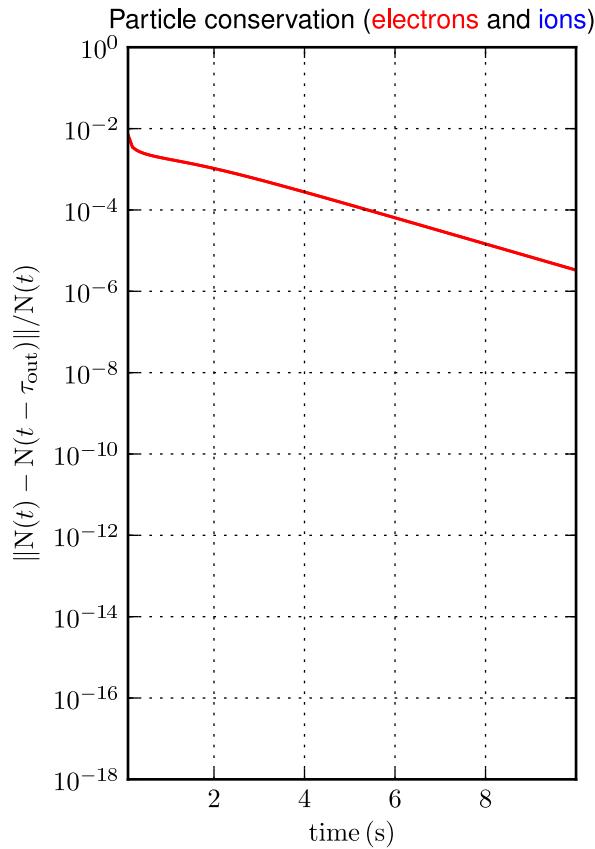
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

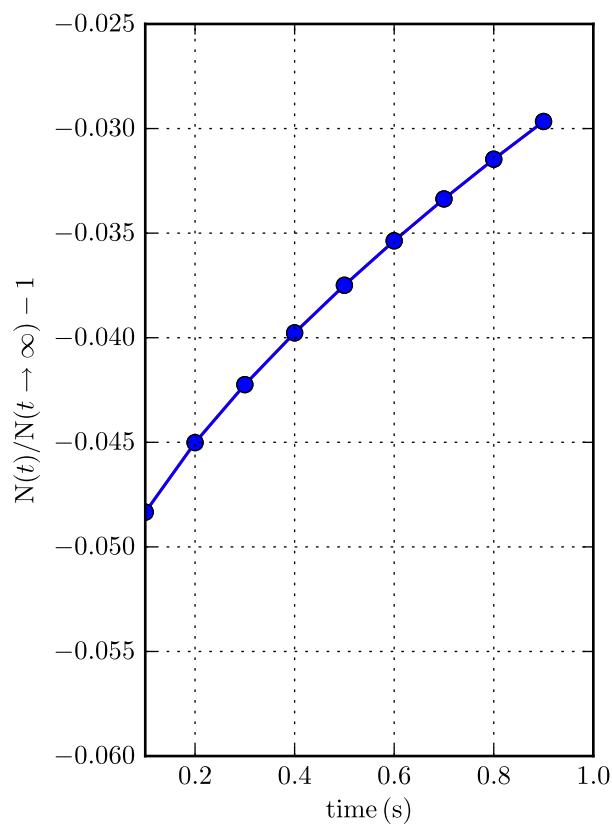
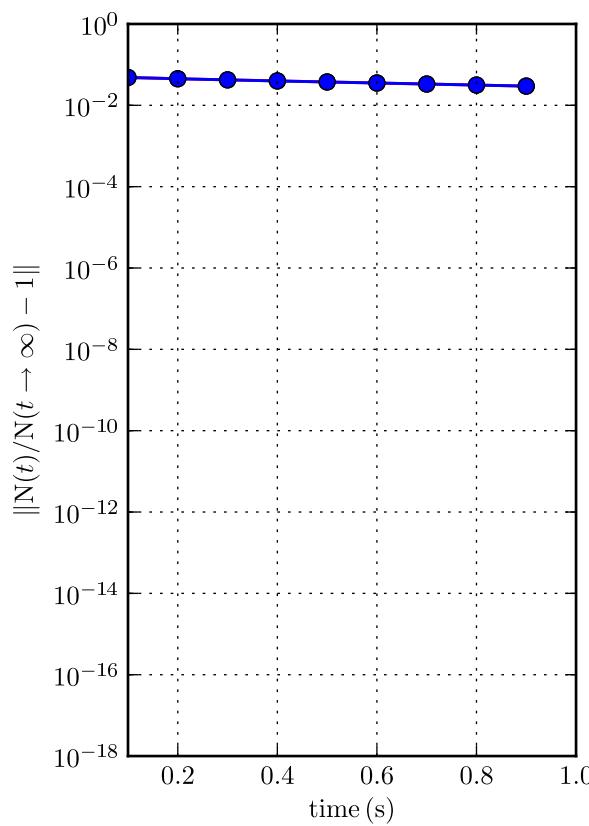
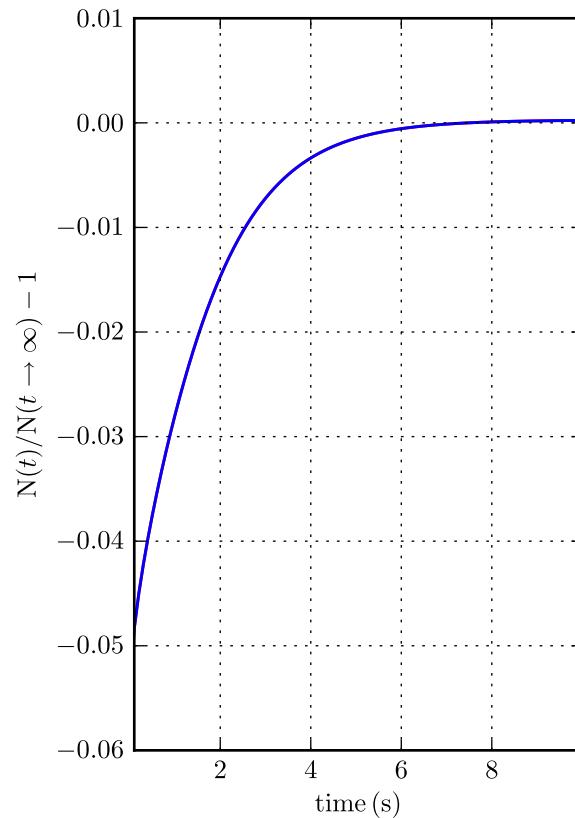
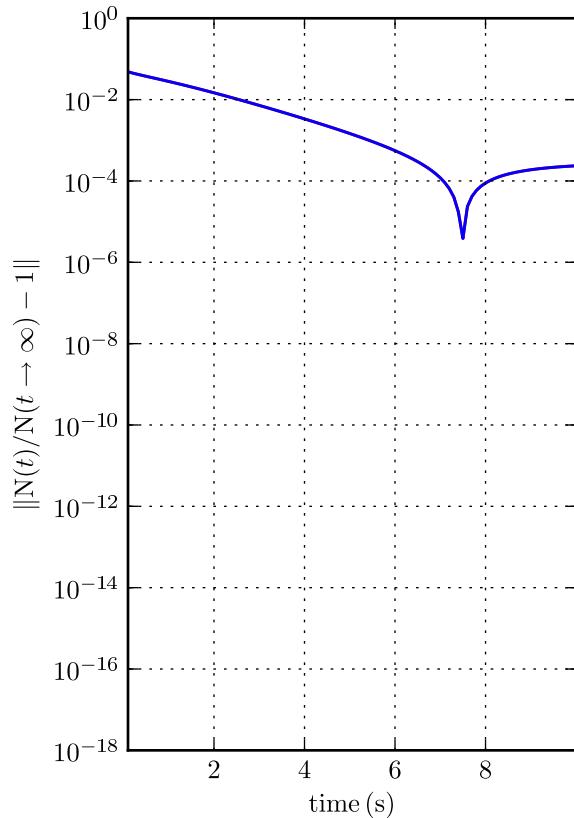
Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



Particle conservation

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

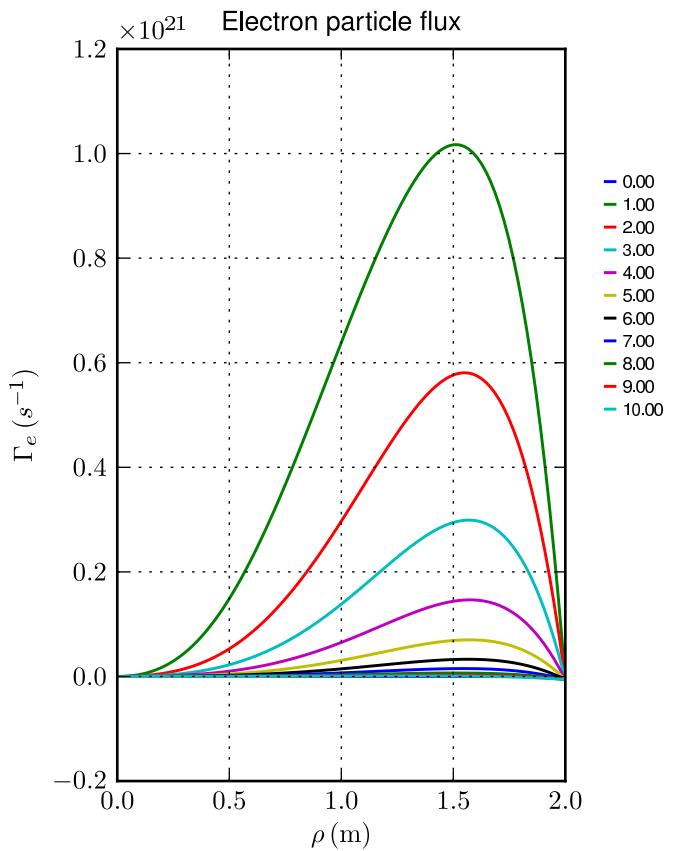
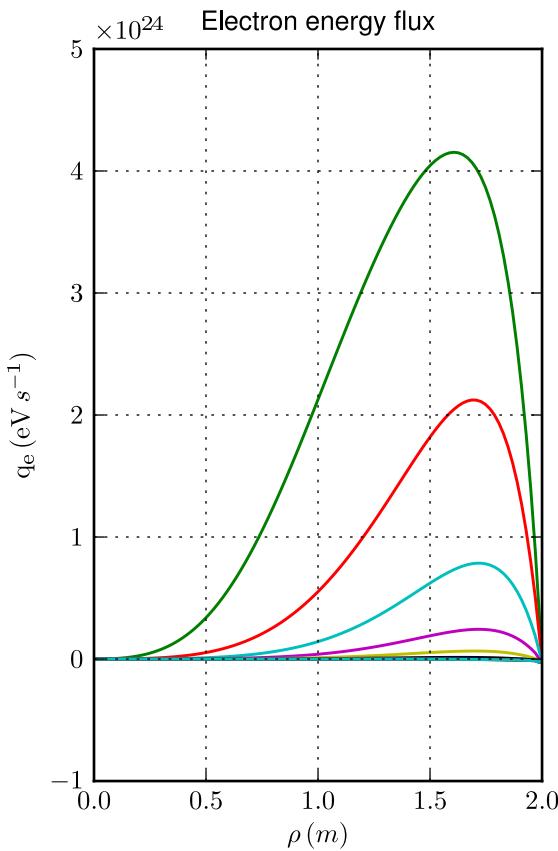
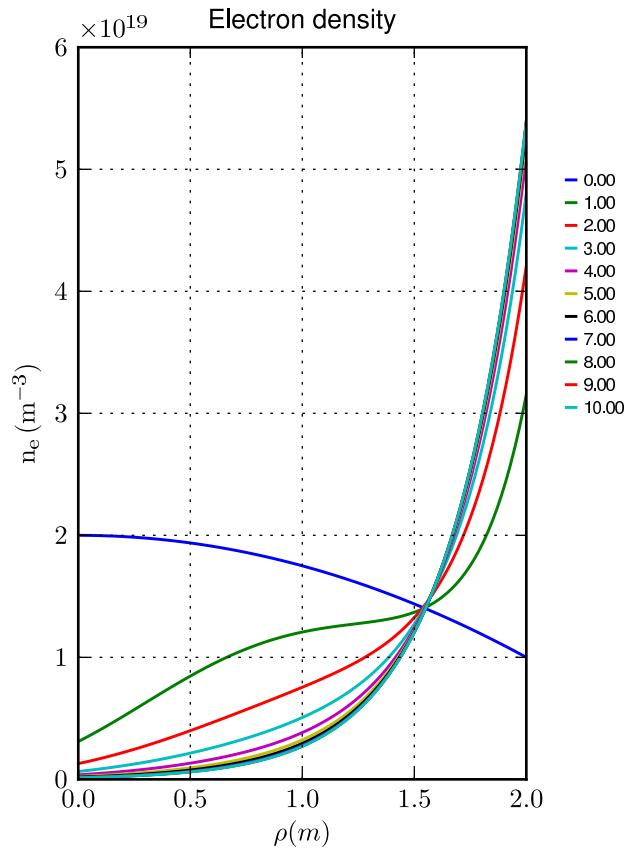
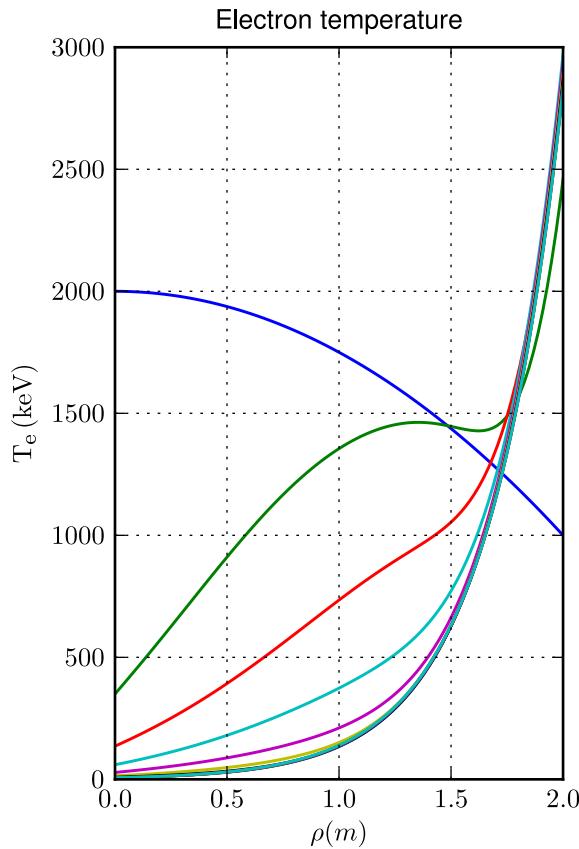
Comparison with asymptotic solution (electrons and ions); total time and zoom over time



Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: total simulation time/10

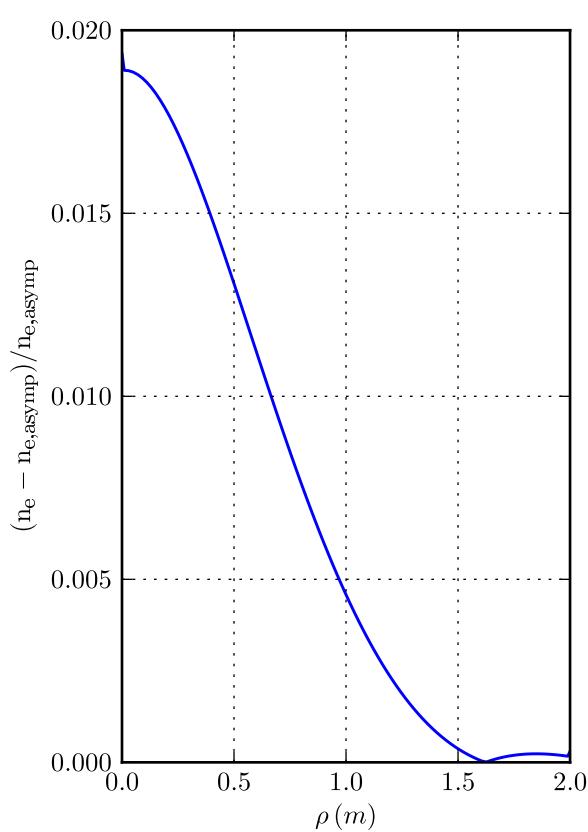


Profiles

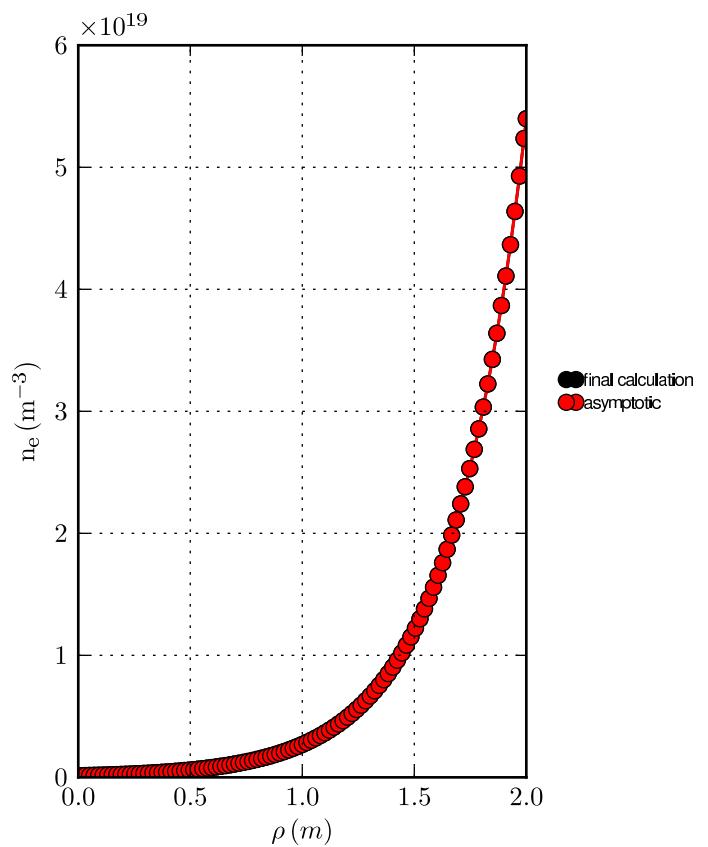
[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

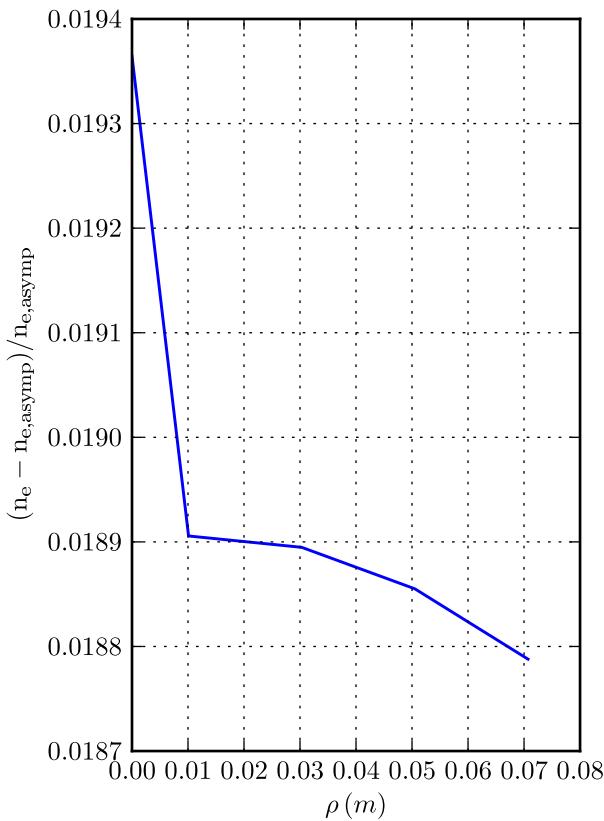
Electron density relative error



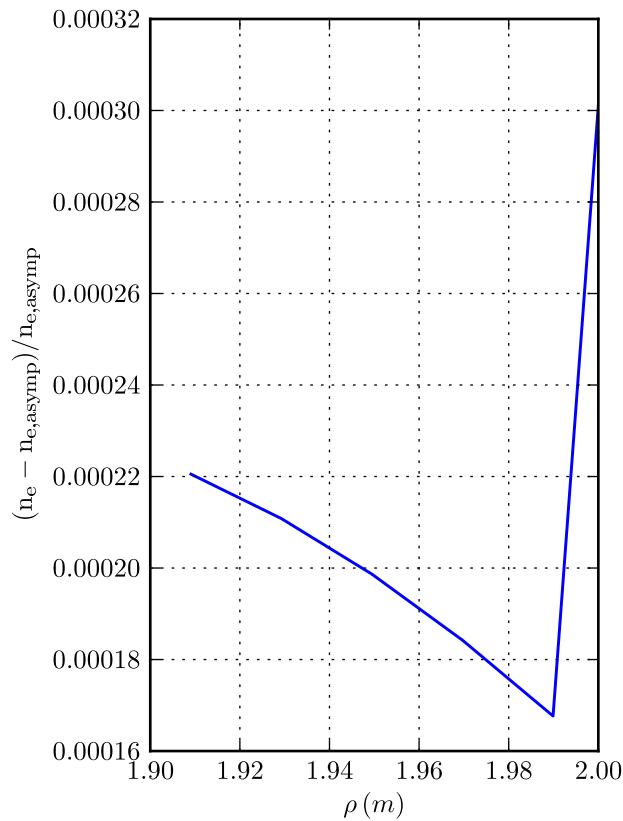
Electron density



Error: zoom over axis



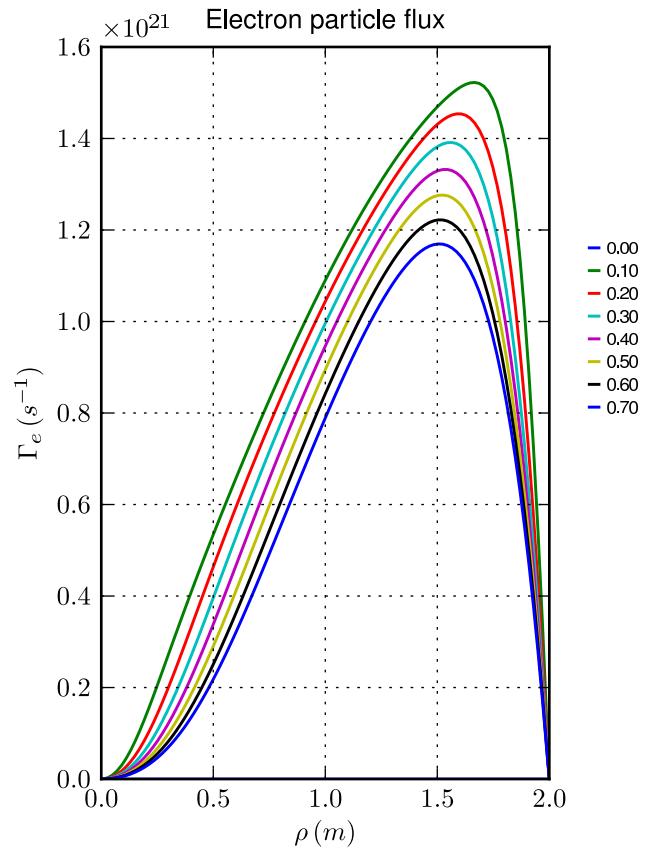
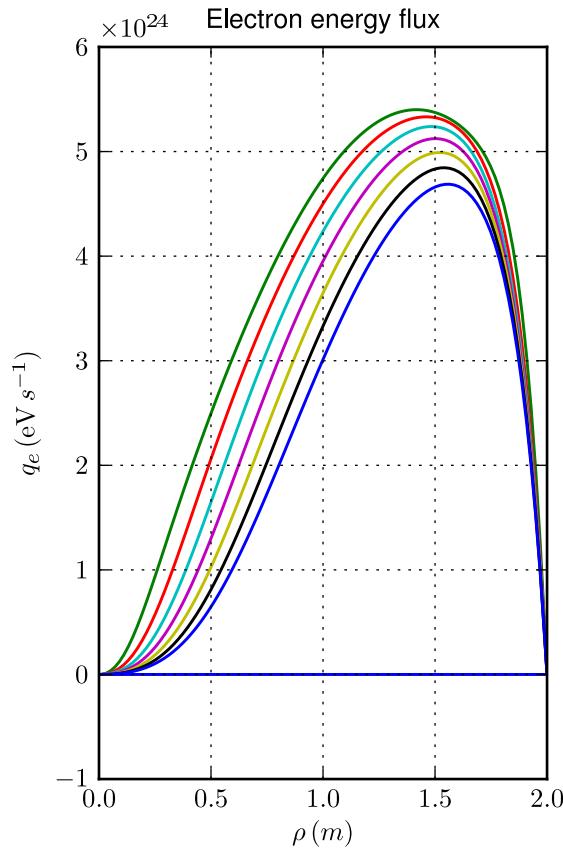
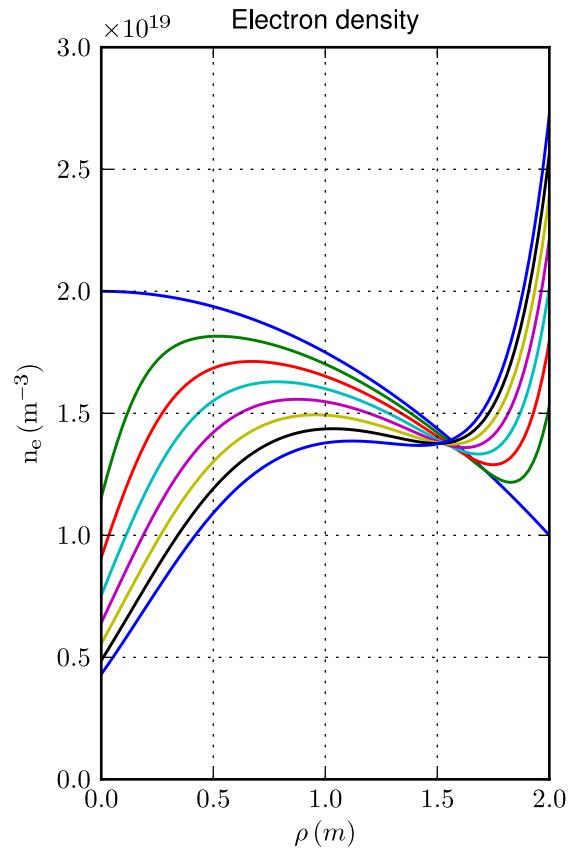
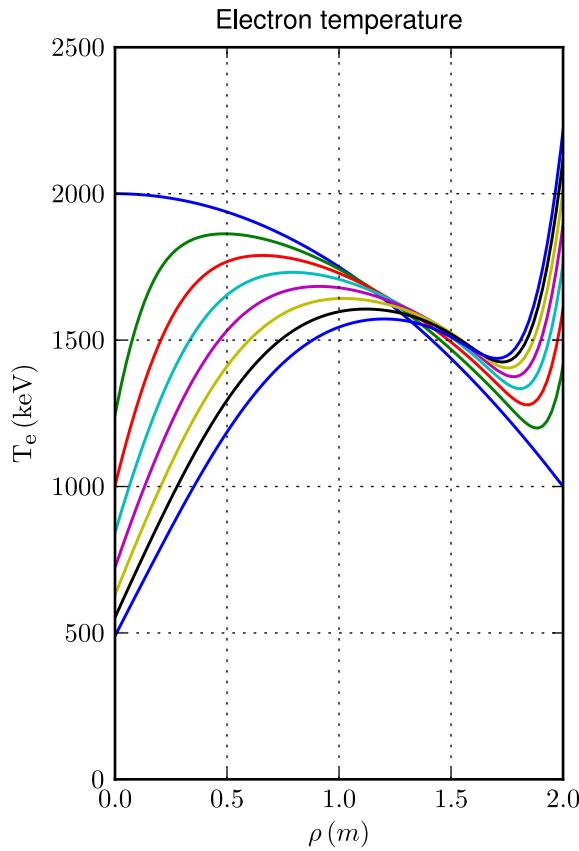
Error: zoom over edge



Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

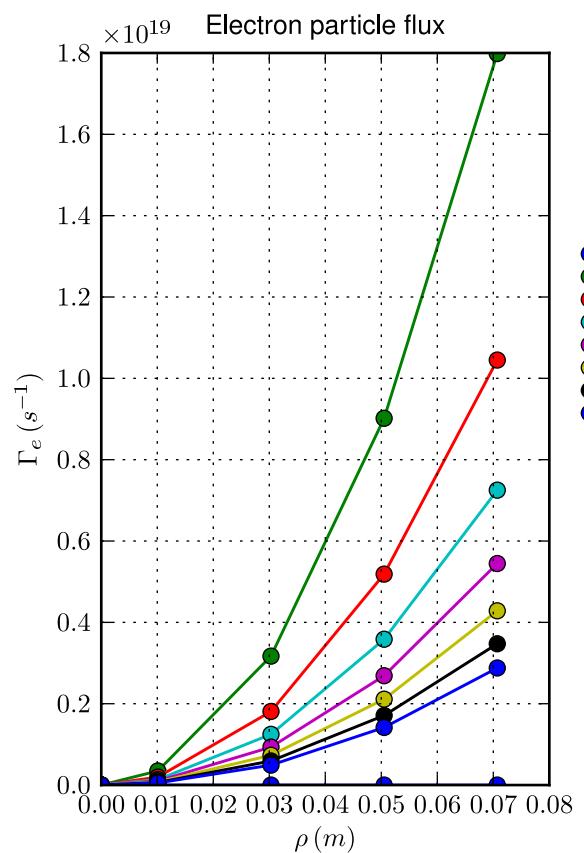
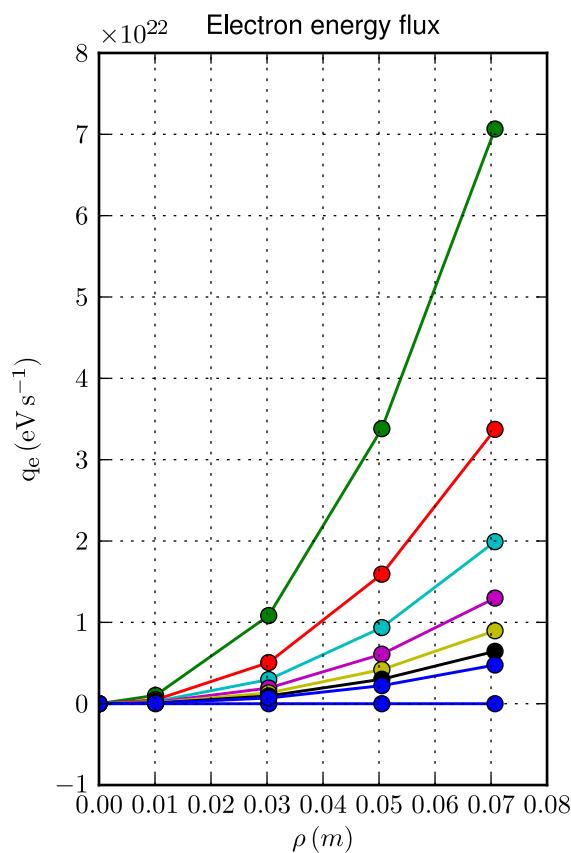
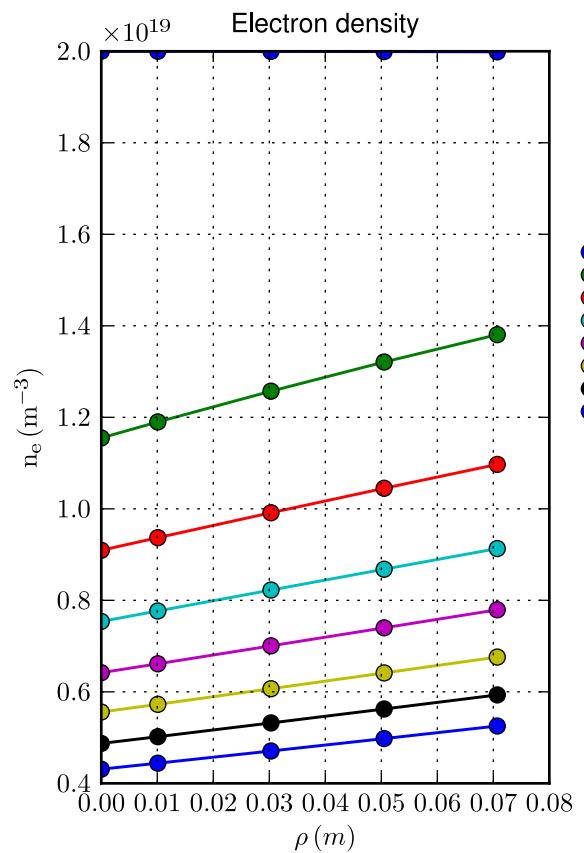
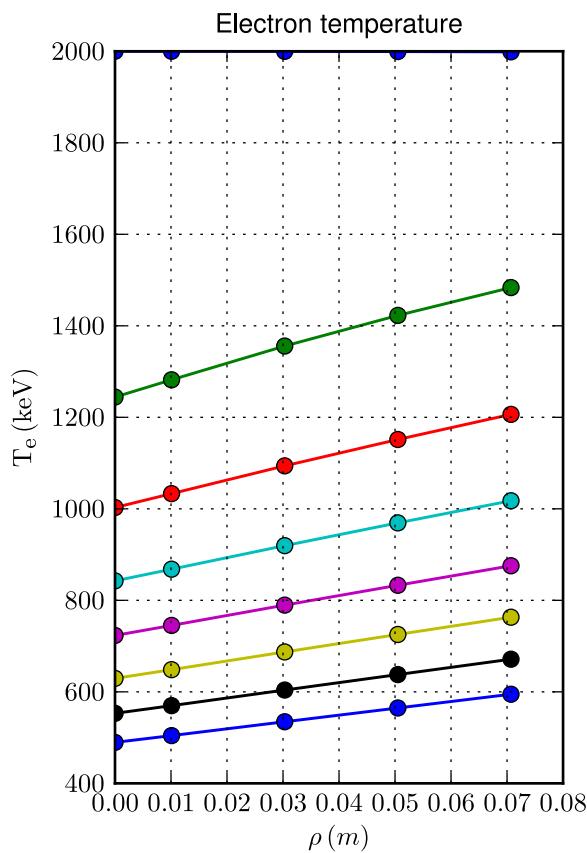


Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

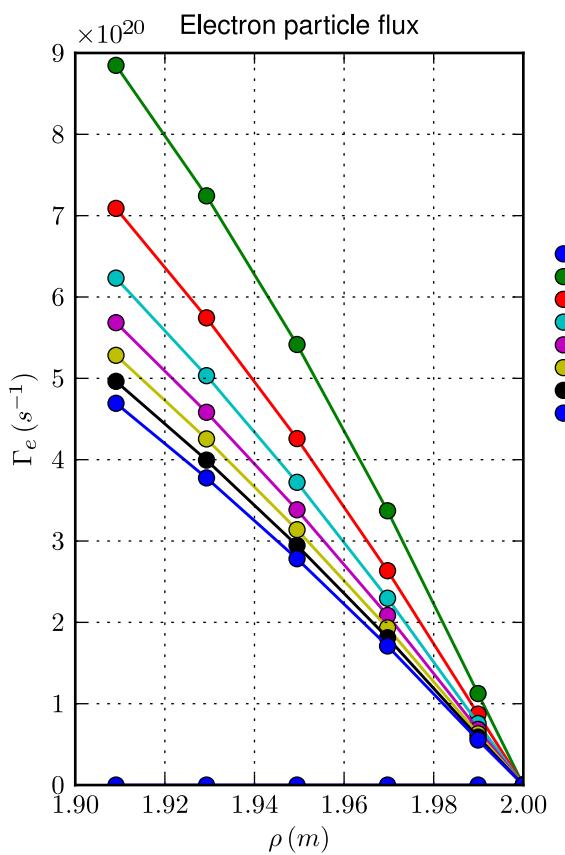
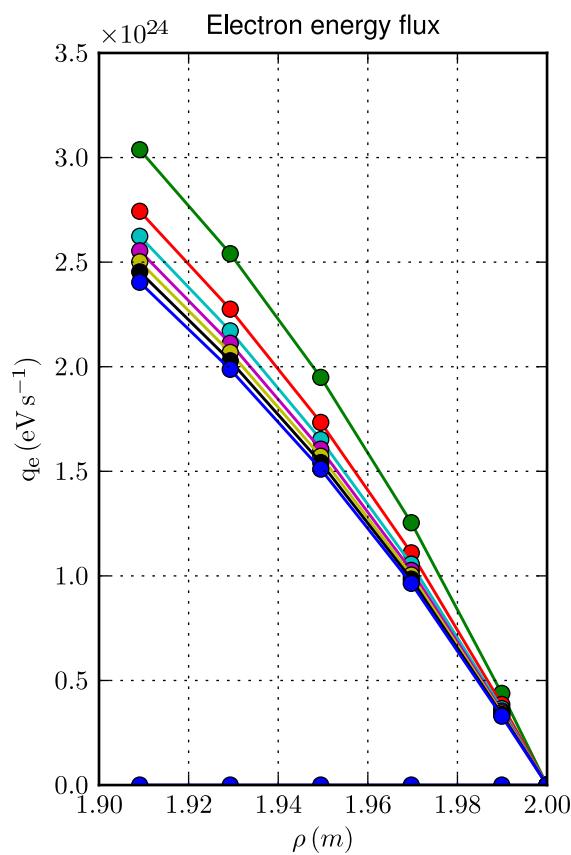
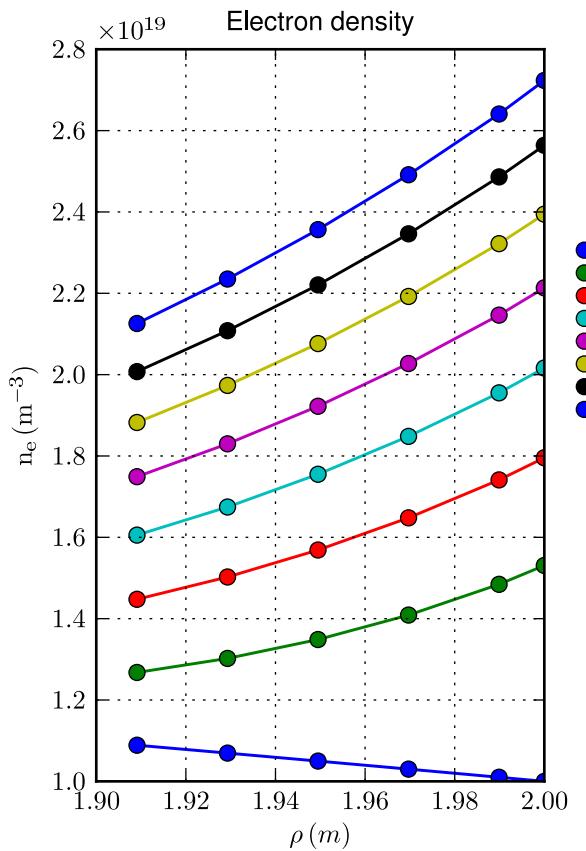
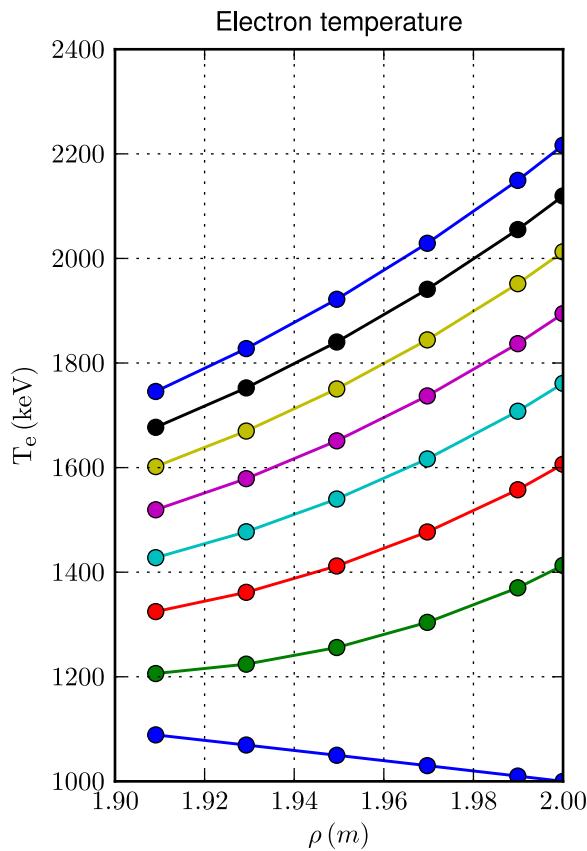


Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

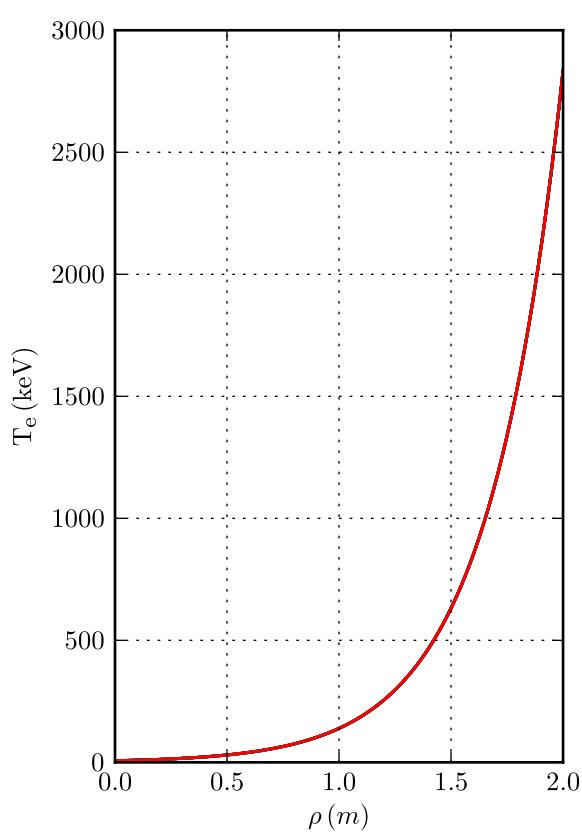
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$



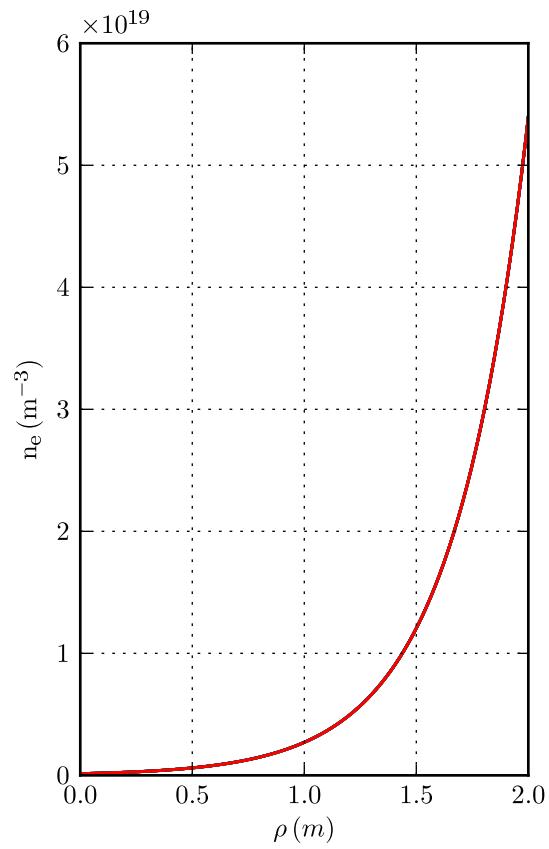
Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

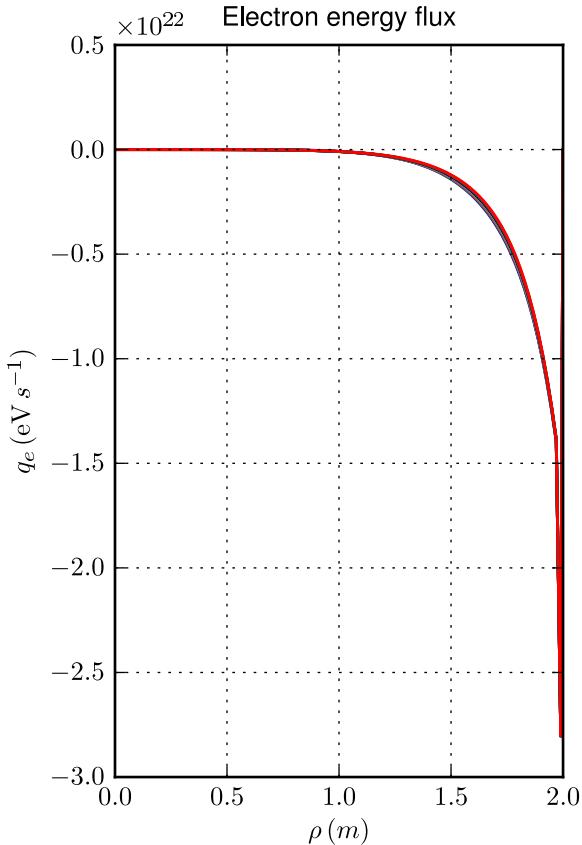
Electron temperature



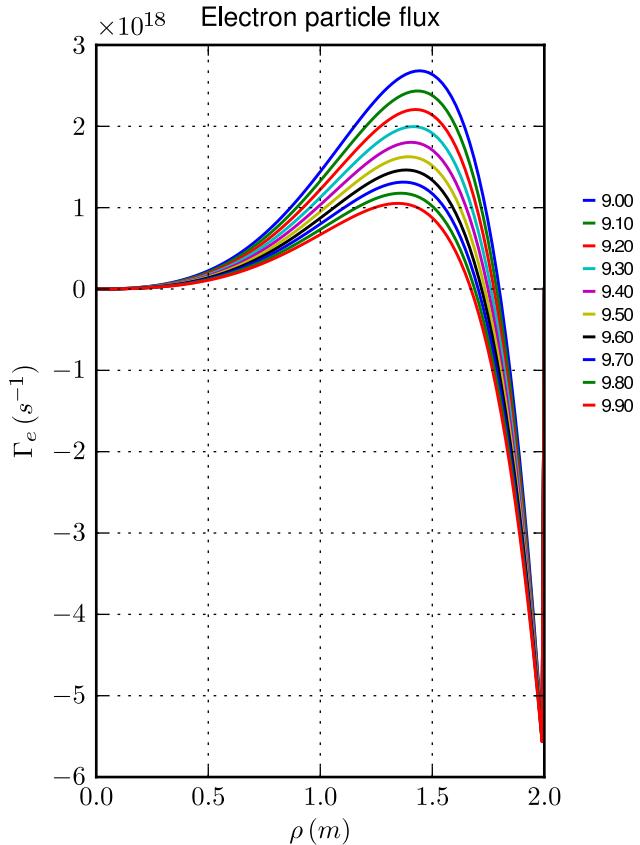
Electron density



Electron energy flux

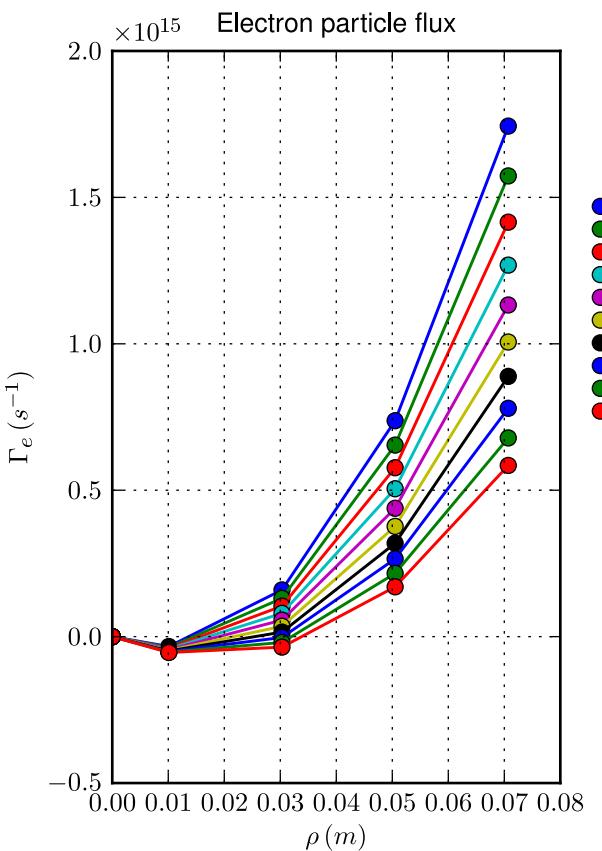
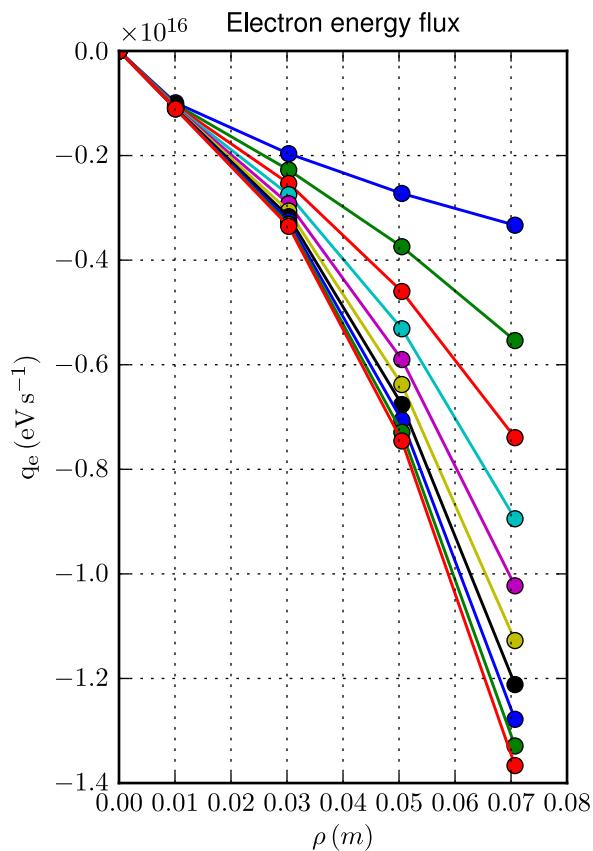
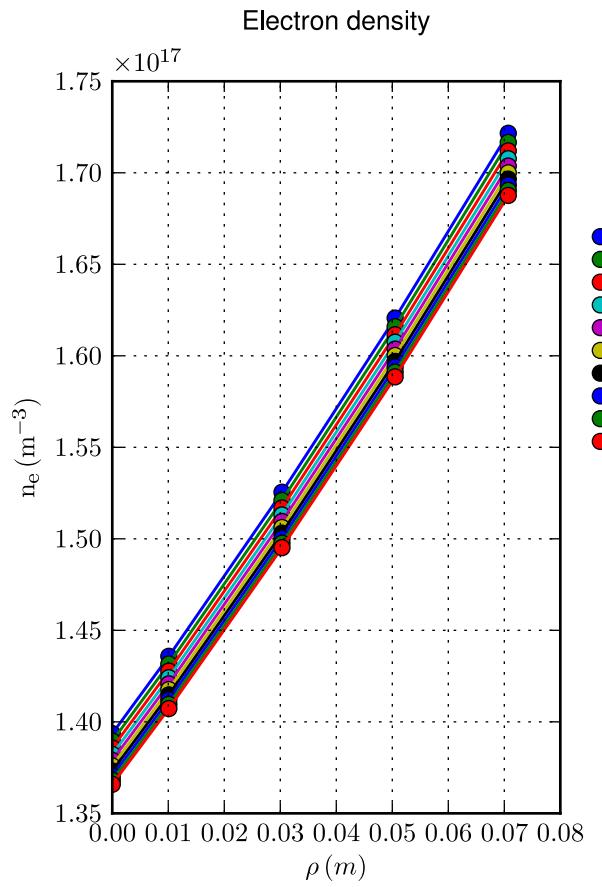
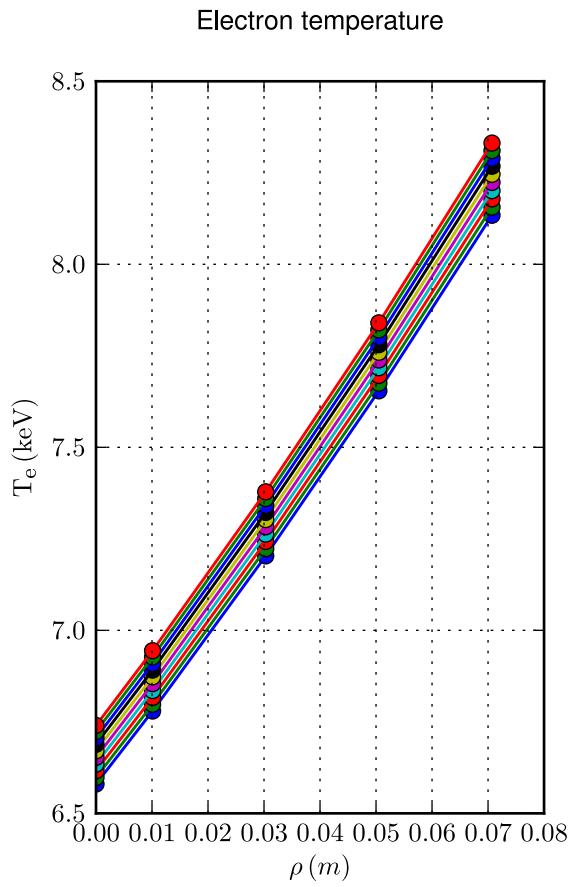


Electron particle flux



Profiles

[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Spatial zoom over magnetic axis; time sampling: last 10 time slices

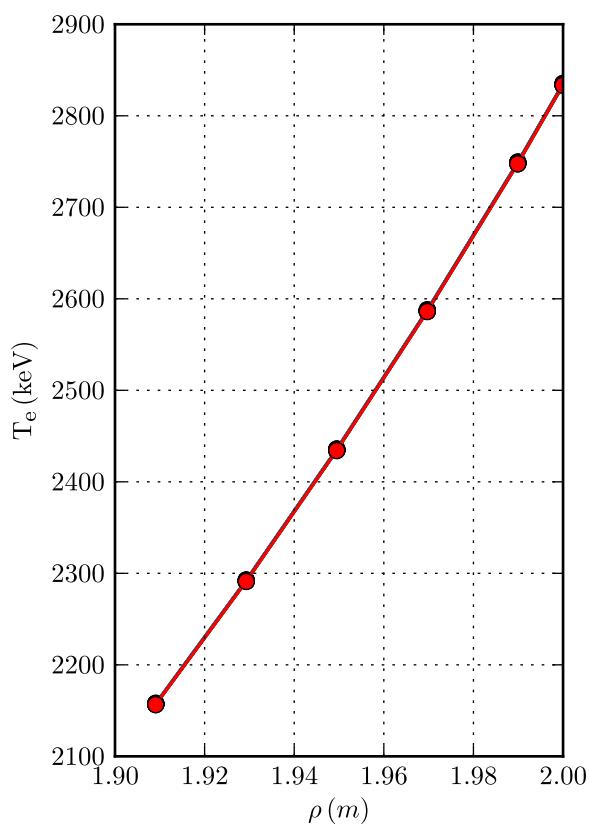


Profiles

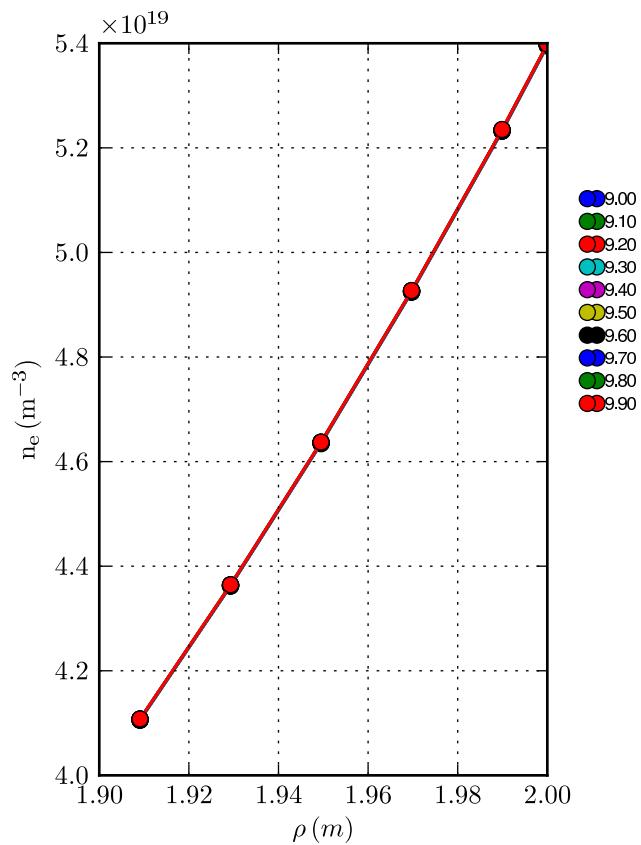
[Case: I.1.5.b, Solver: 4, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

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

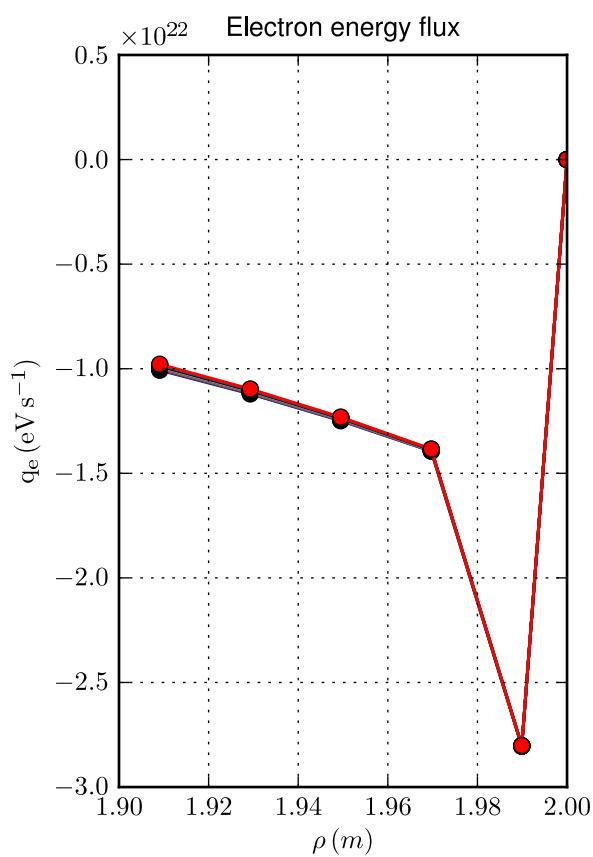
Electron temperature



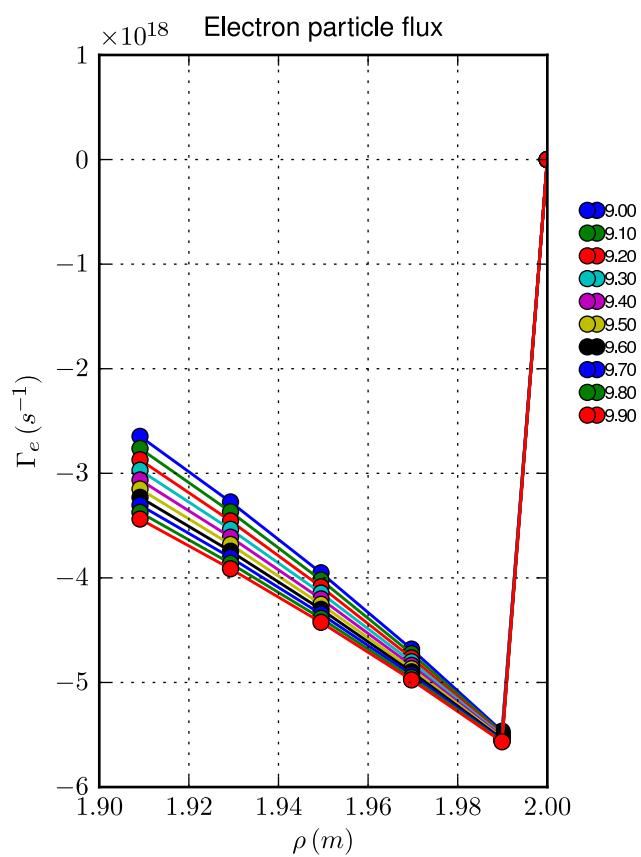
Electron density



Electron energy flux



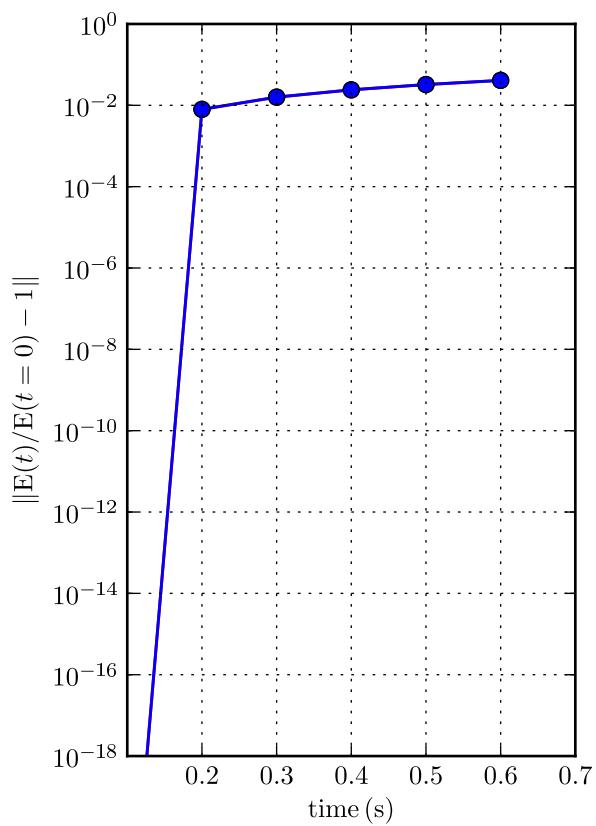
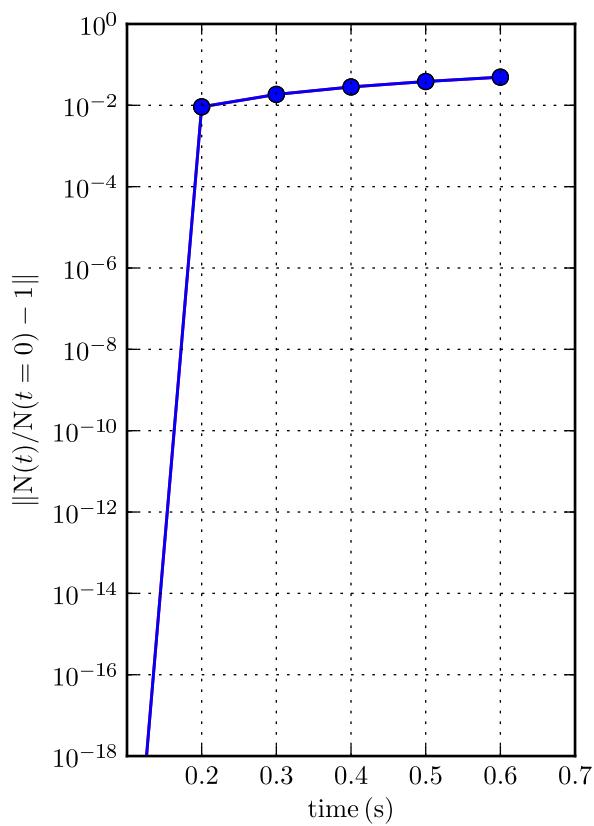
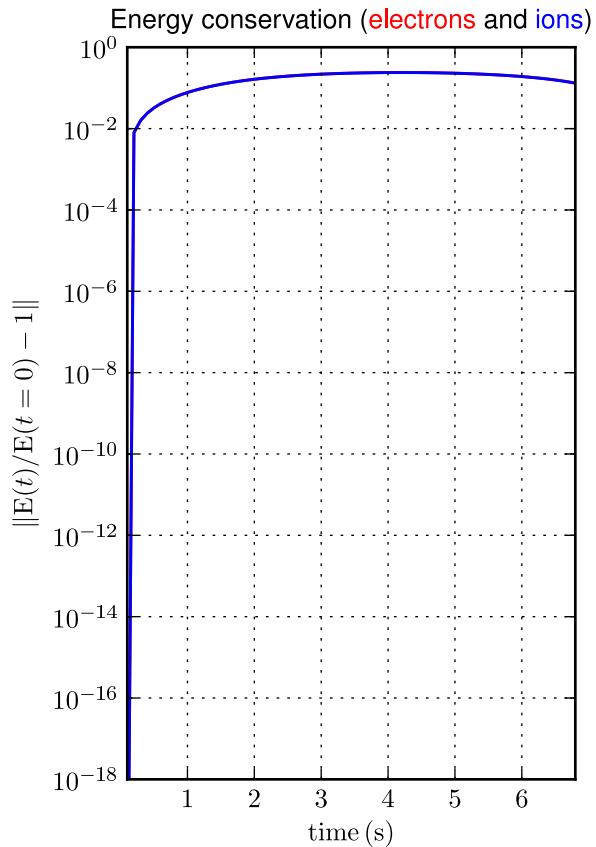
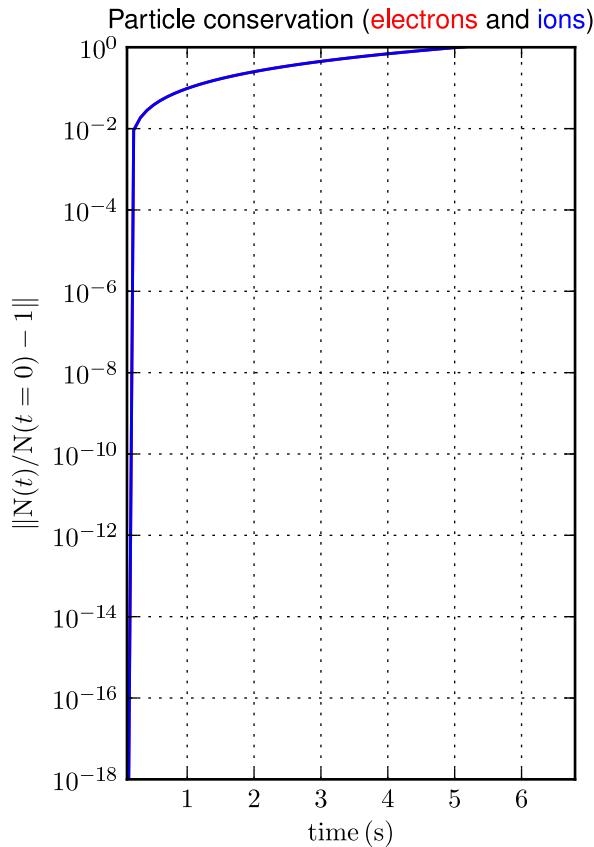
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

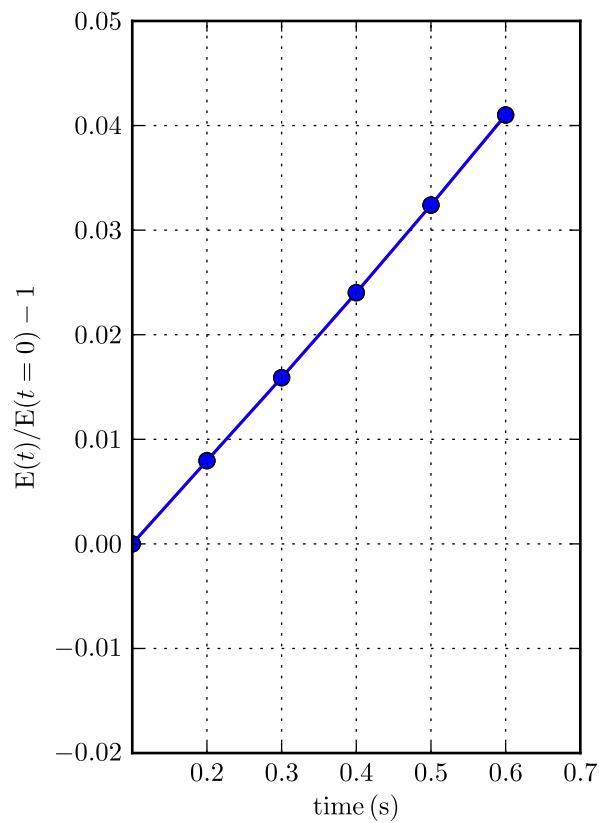
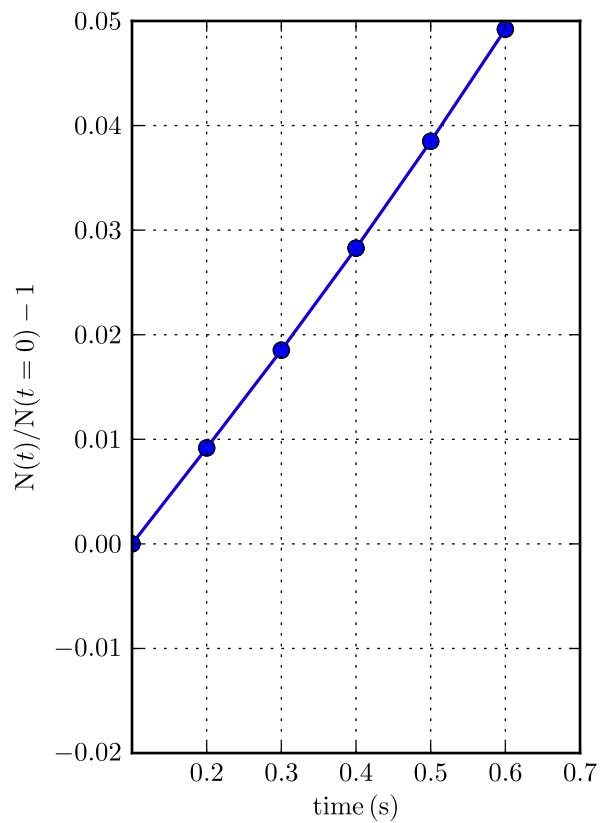
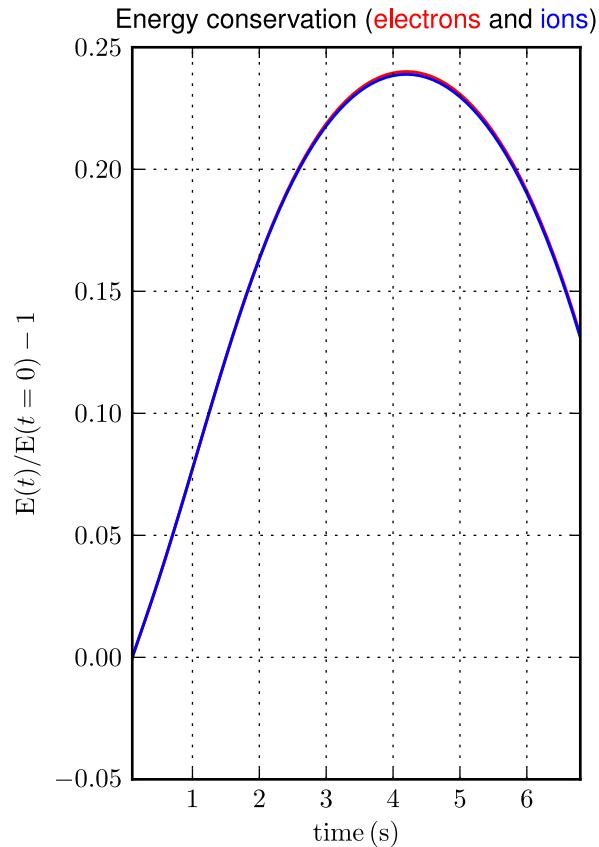
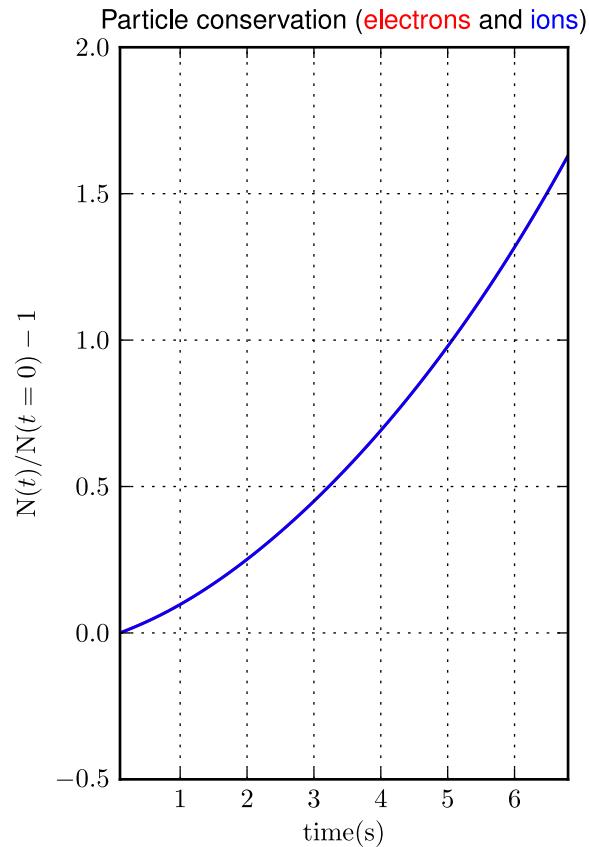
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

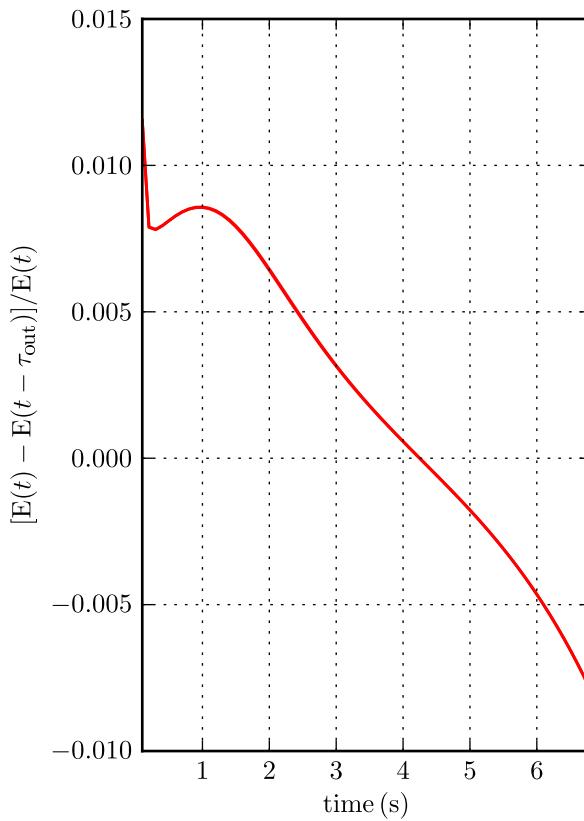
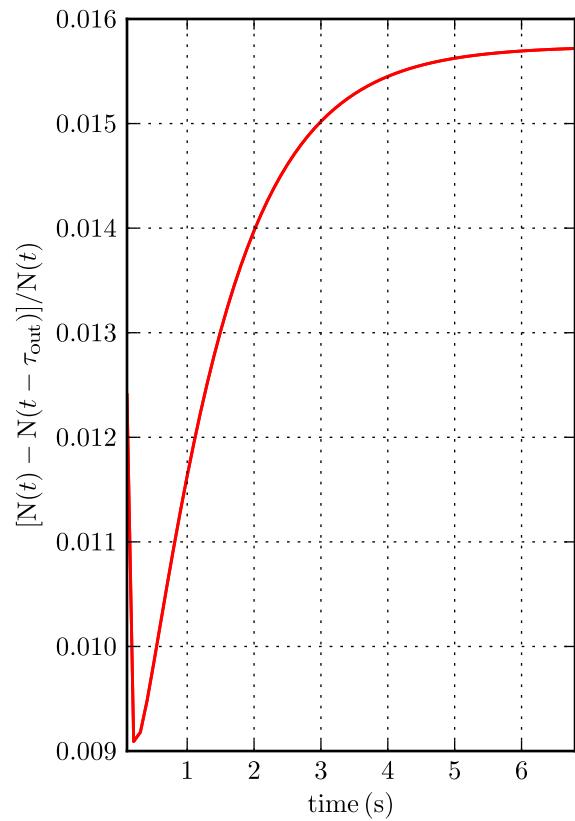
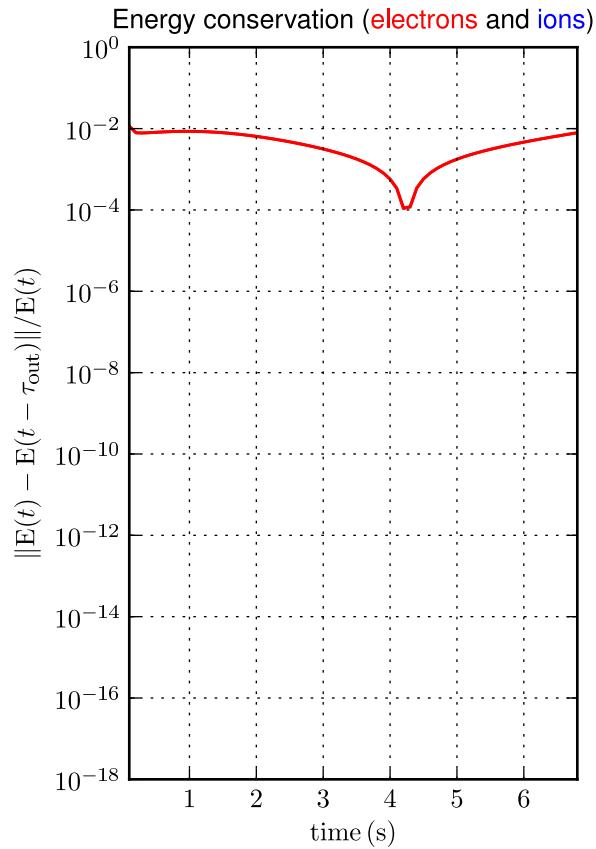
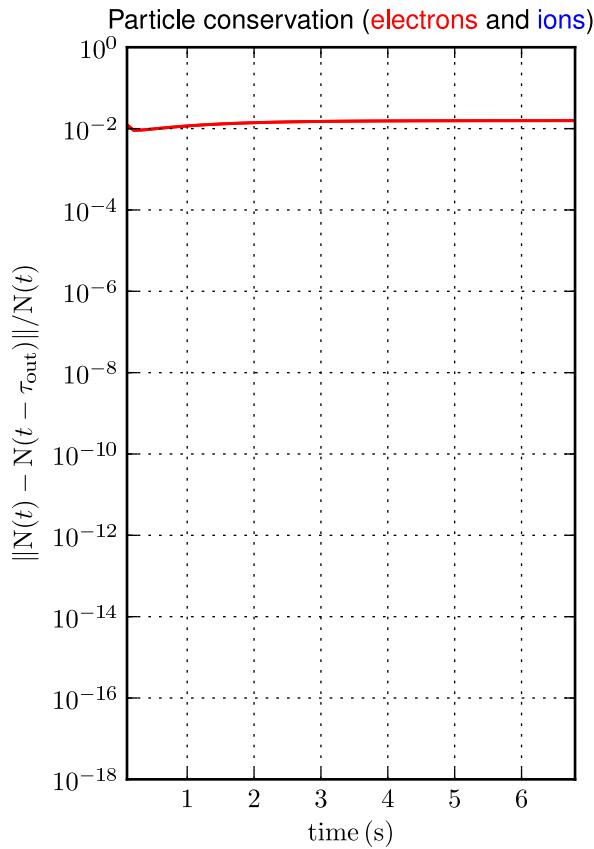
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

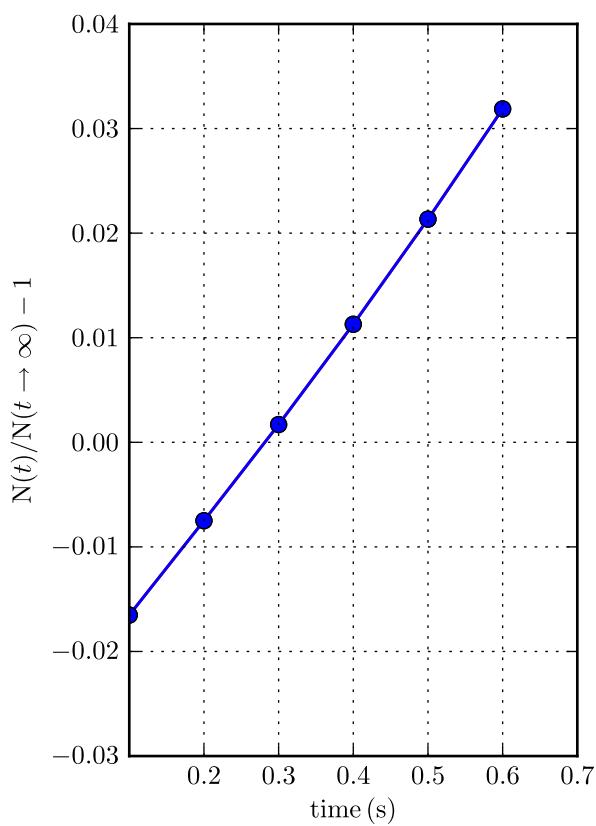
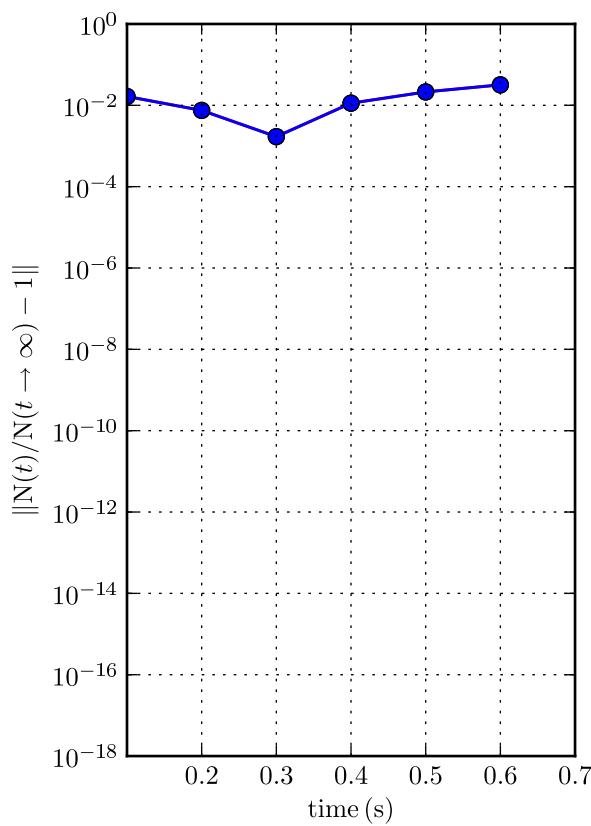
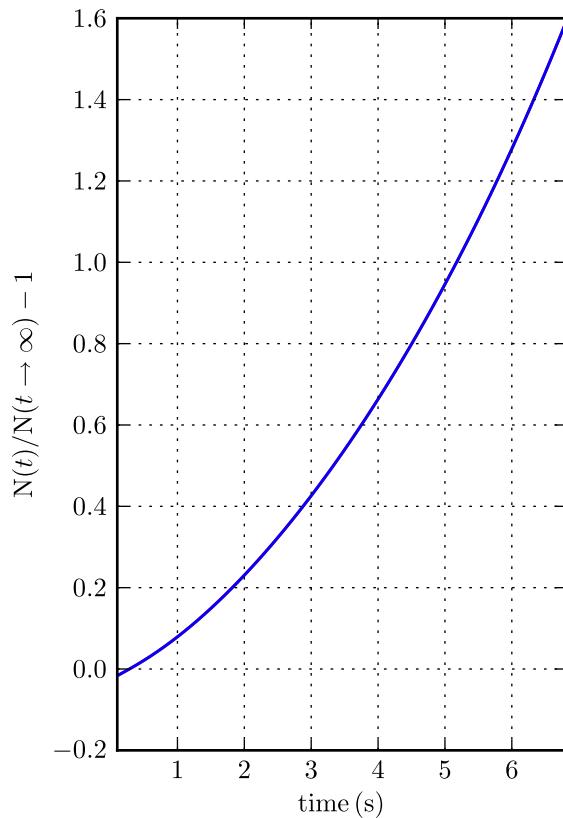
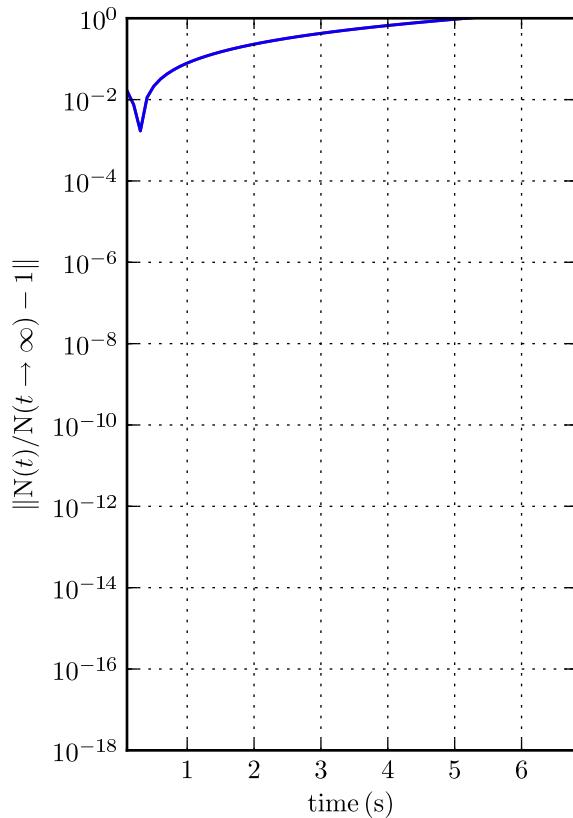
Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



Particle conservation

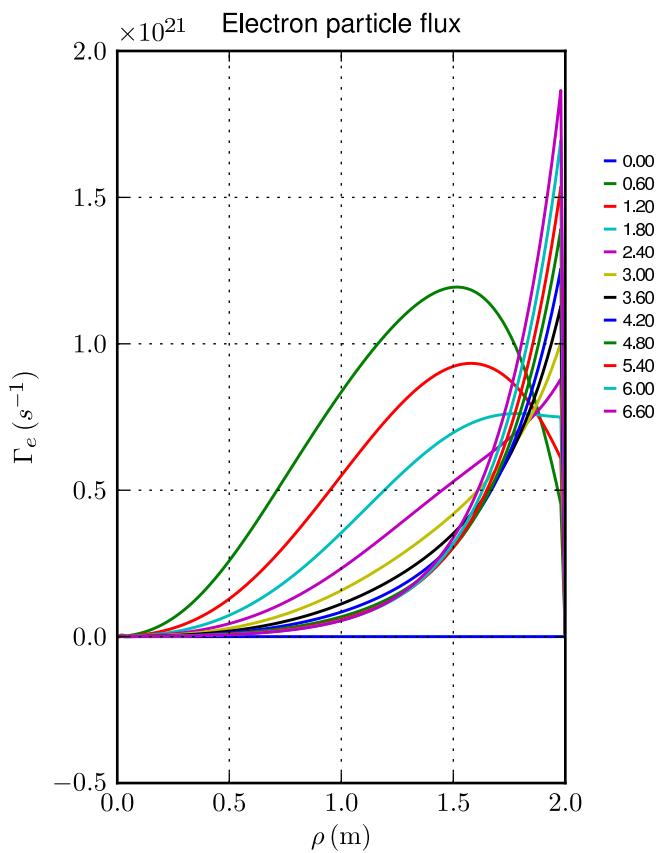
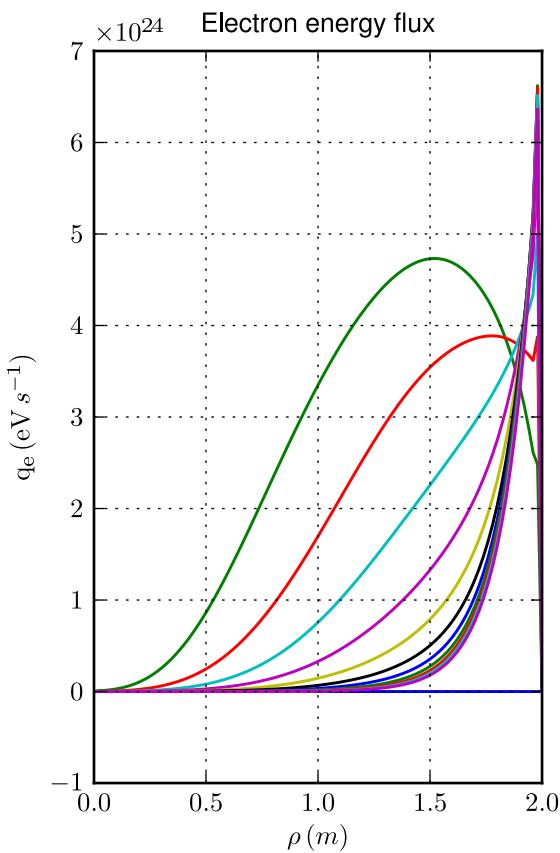
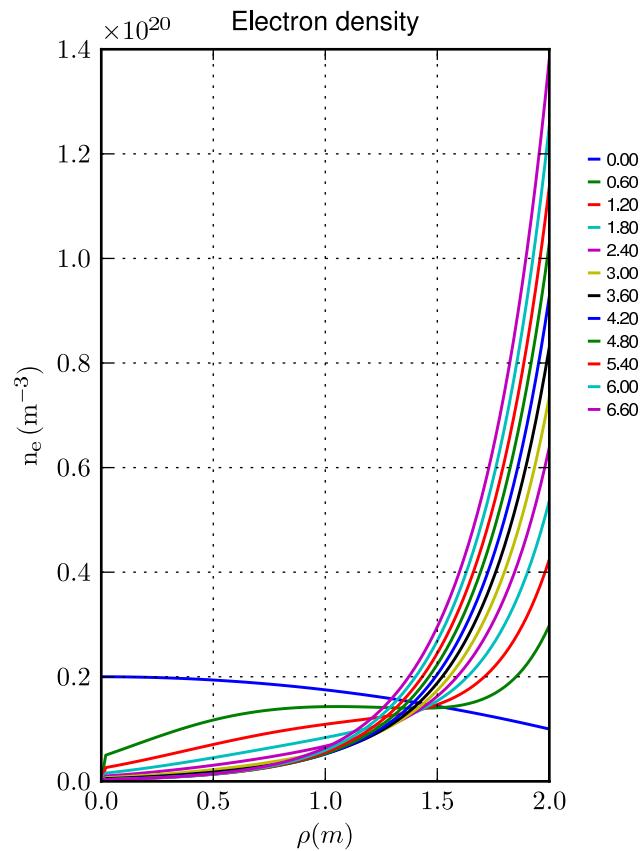
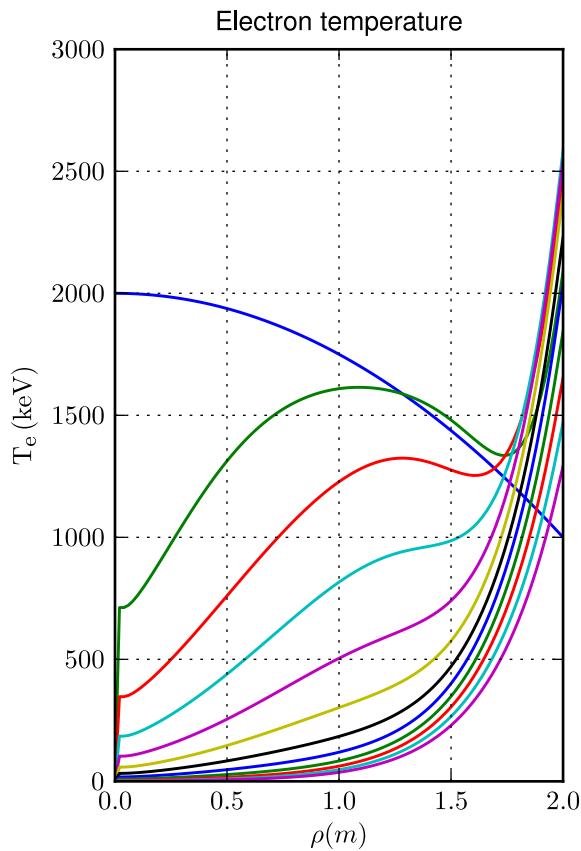
[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with asymptotic solution (electrons and ions); total time and zoom over time



Profiles

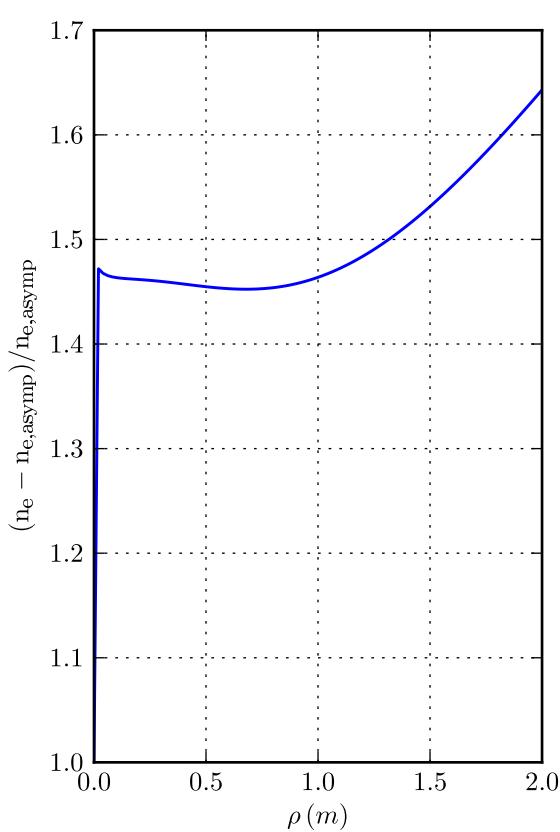
[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: total simulation time/10



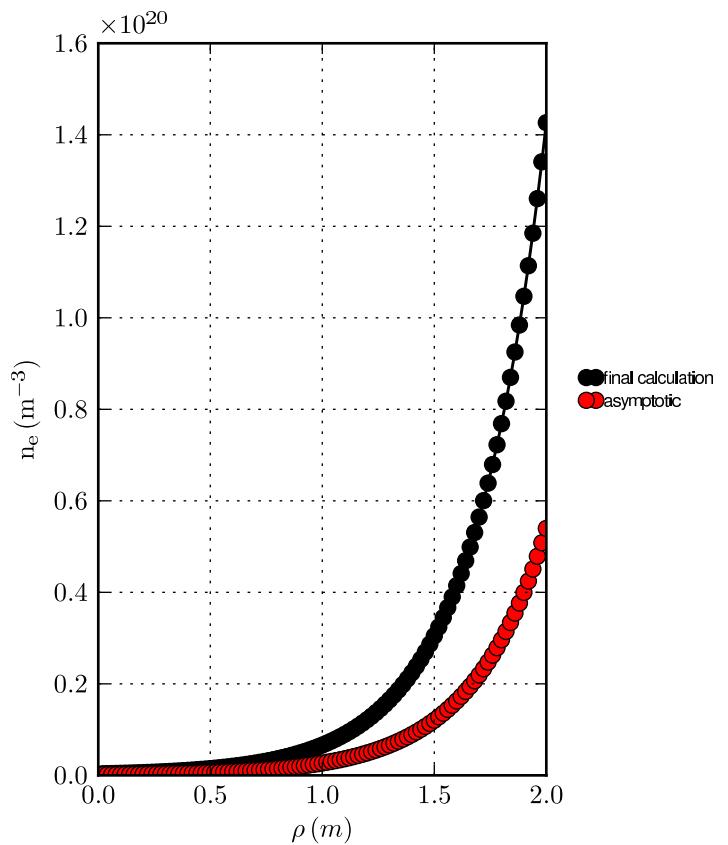
Profiles

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Comparison with asymptotic solution

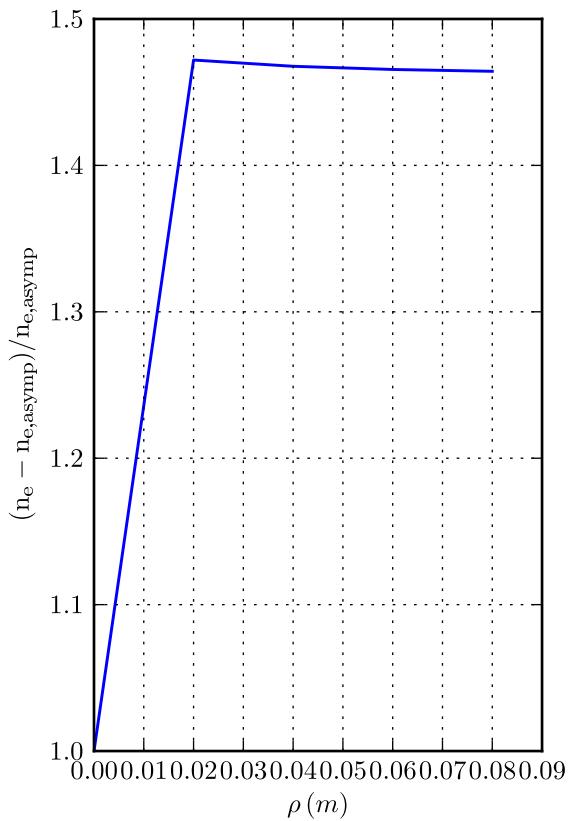
Electron density relative error



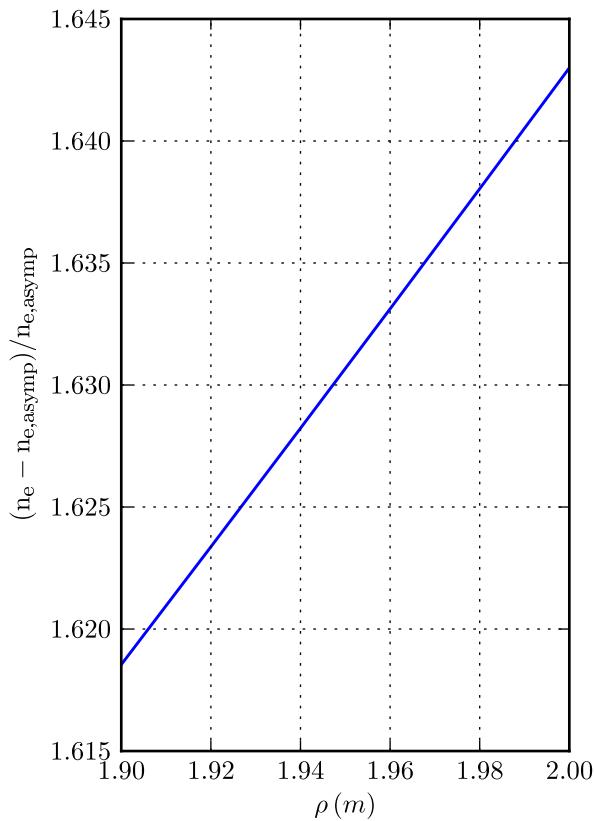
Electron density



Error: zoom over axis



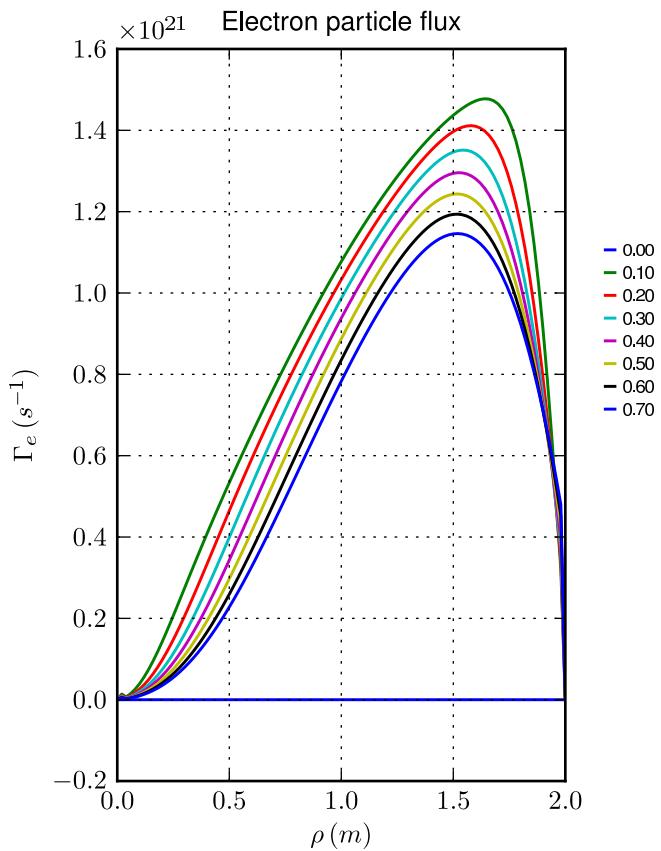
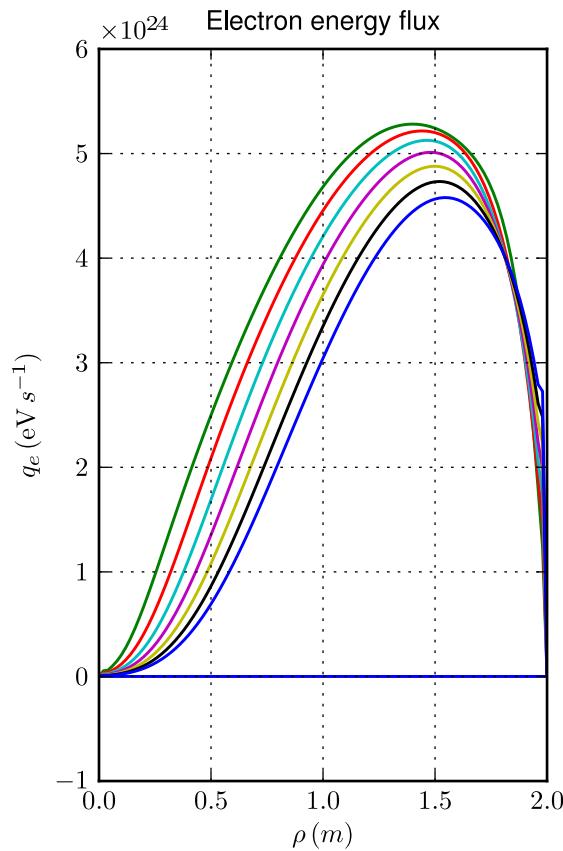
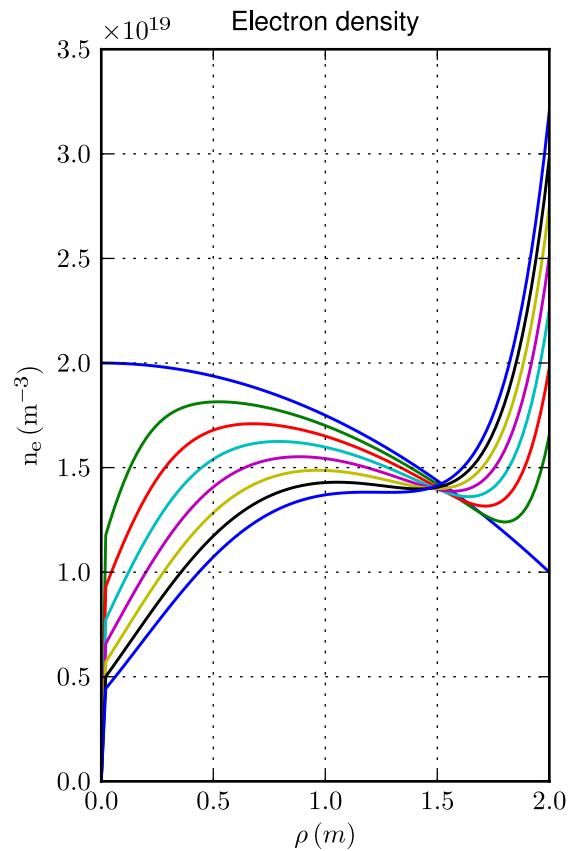
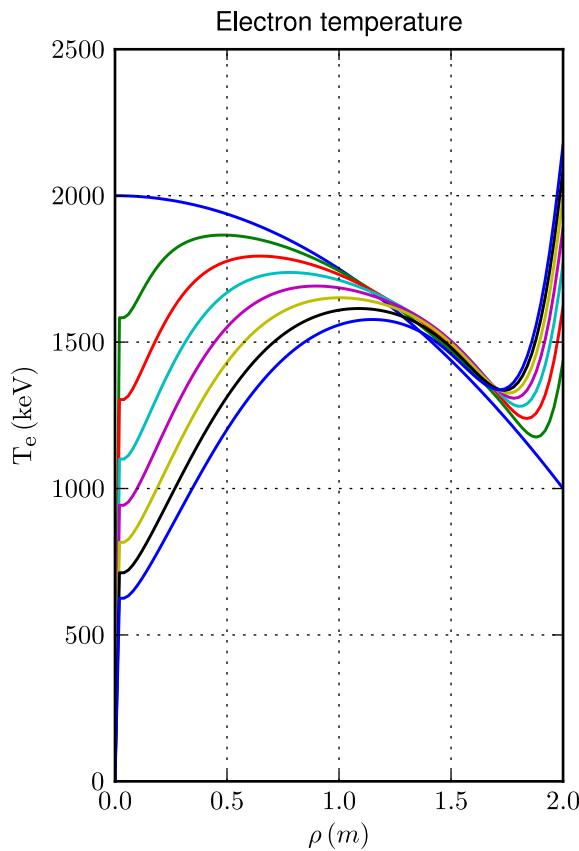
Error: zoom over edge



Profiles

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

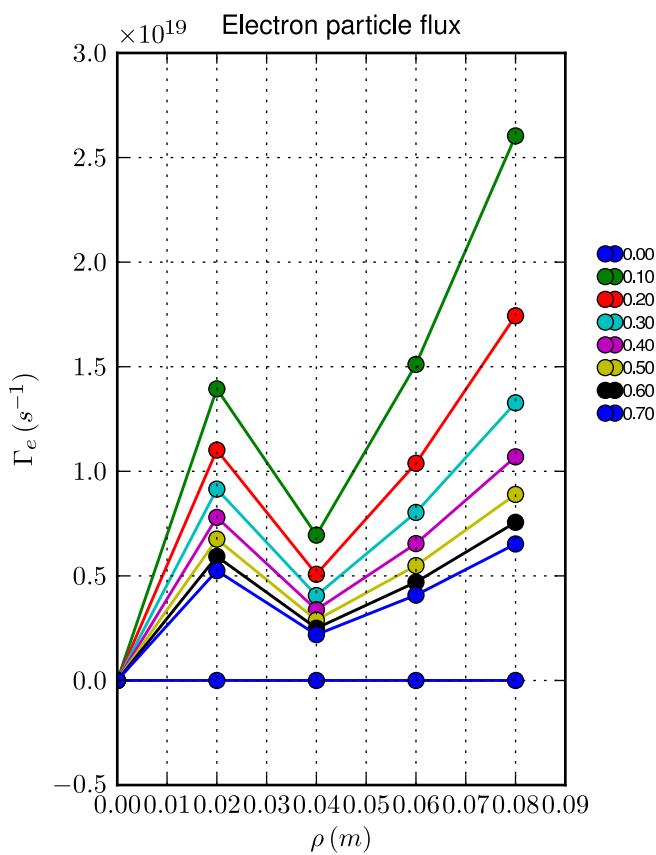
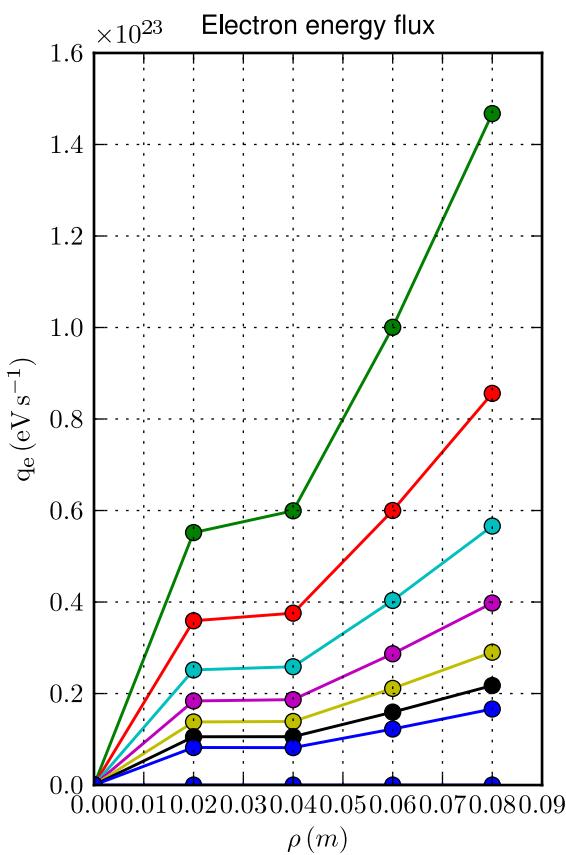
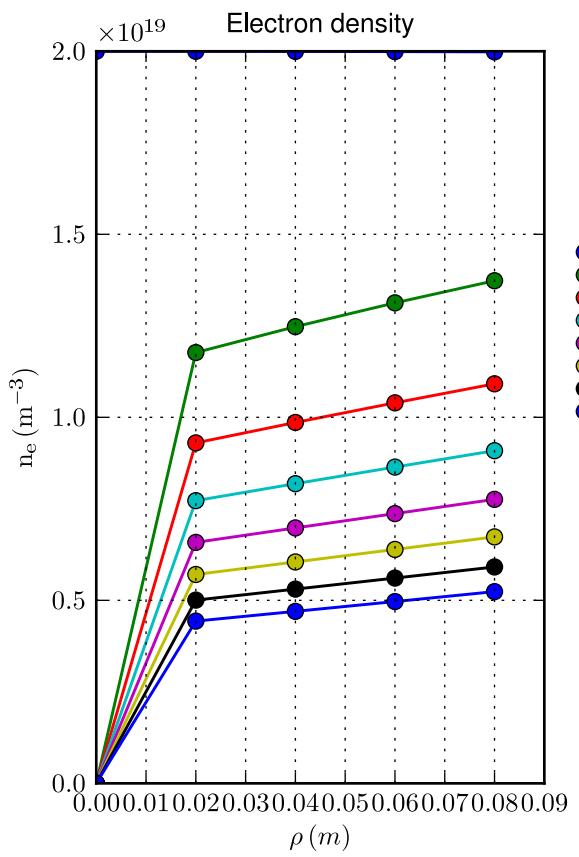
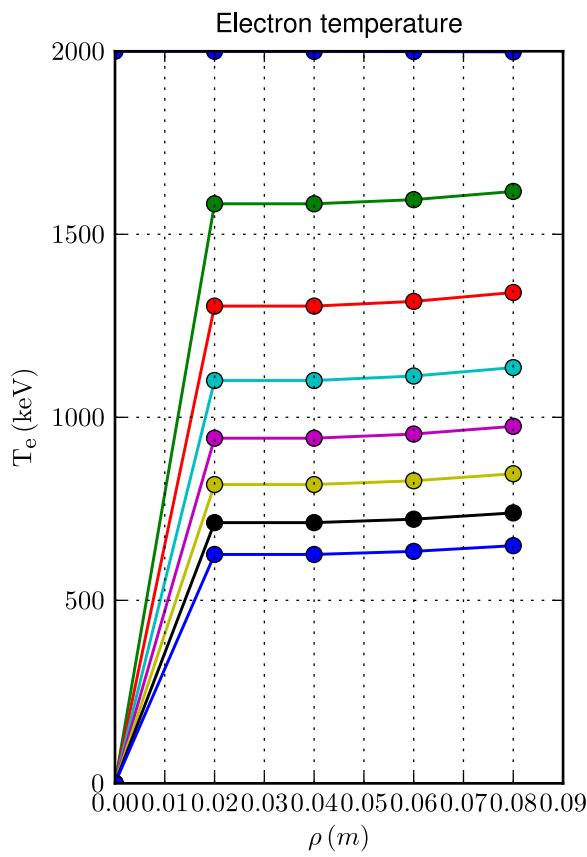


Profiles

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

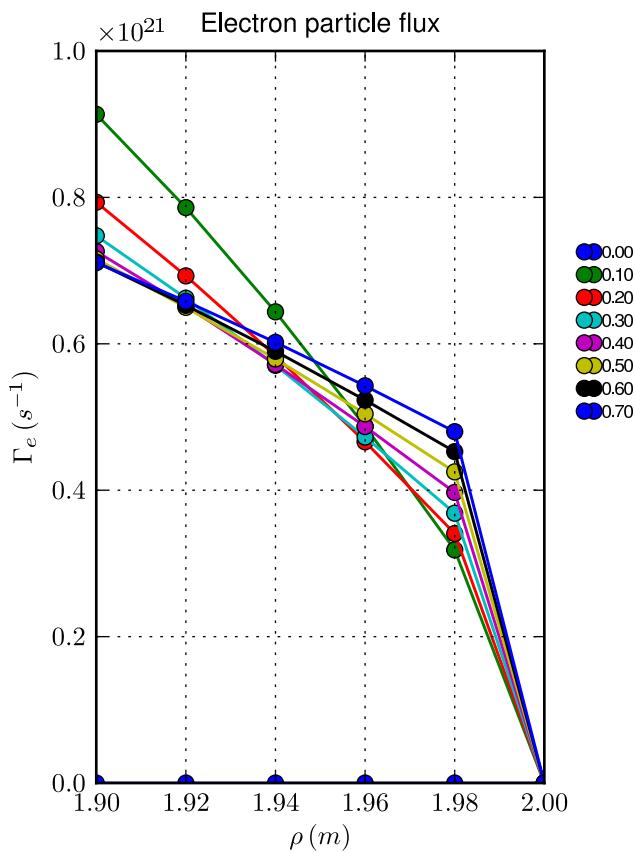
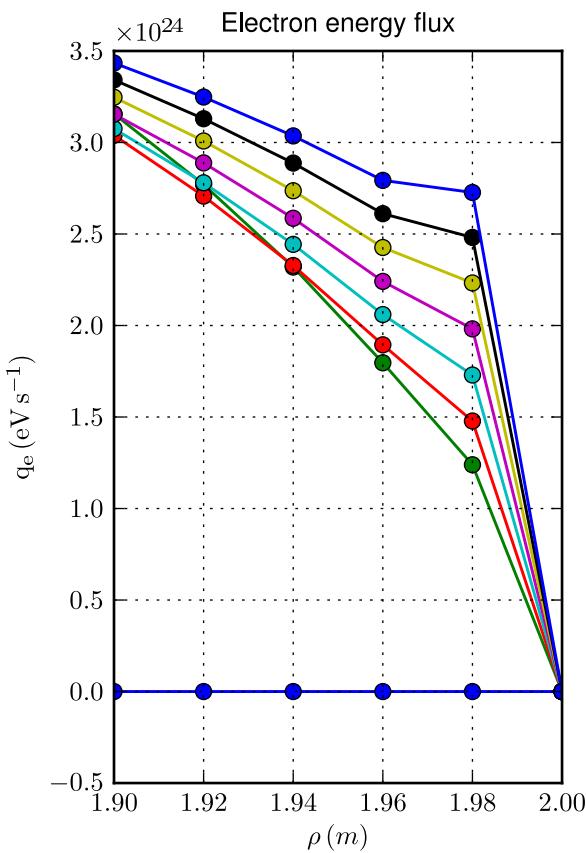
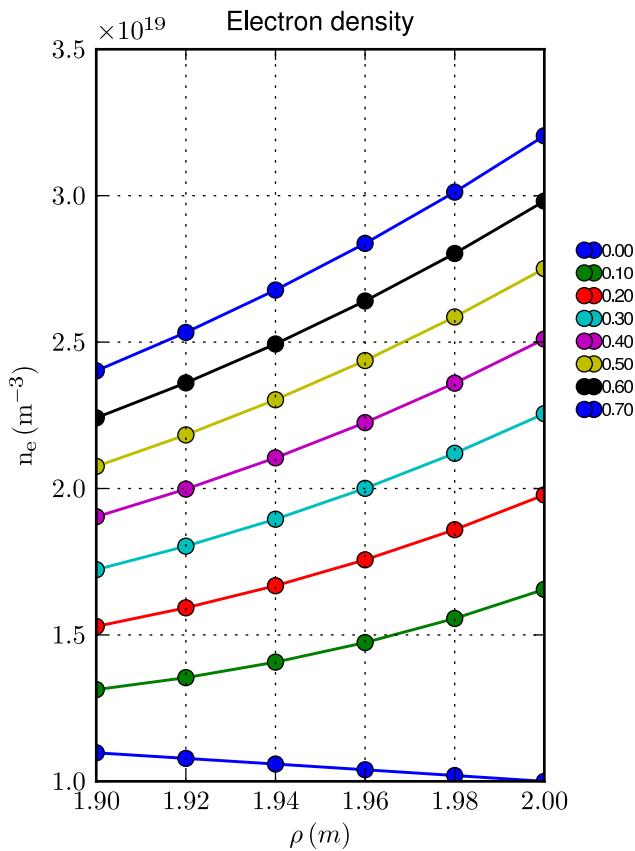
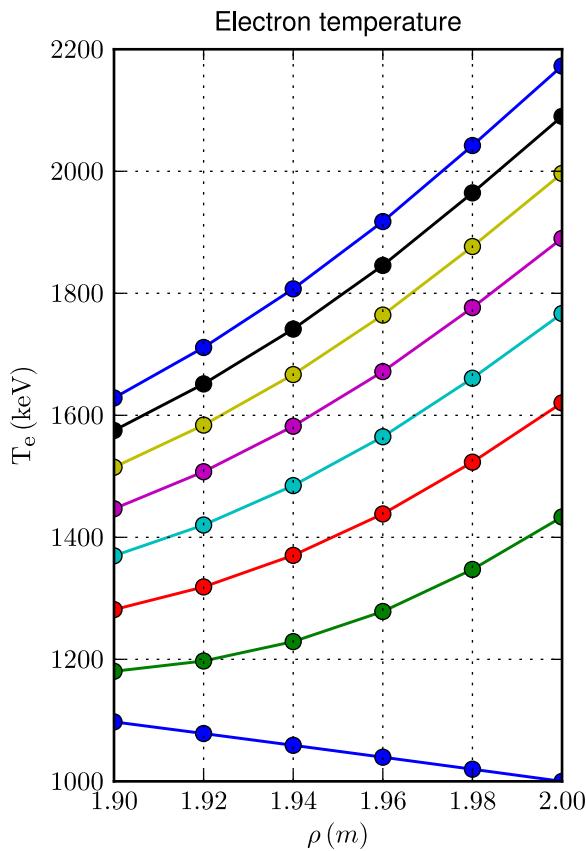


Profiles

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80$ s

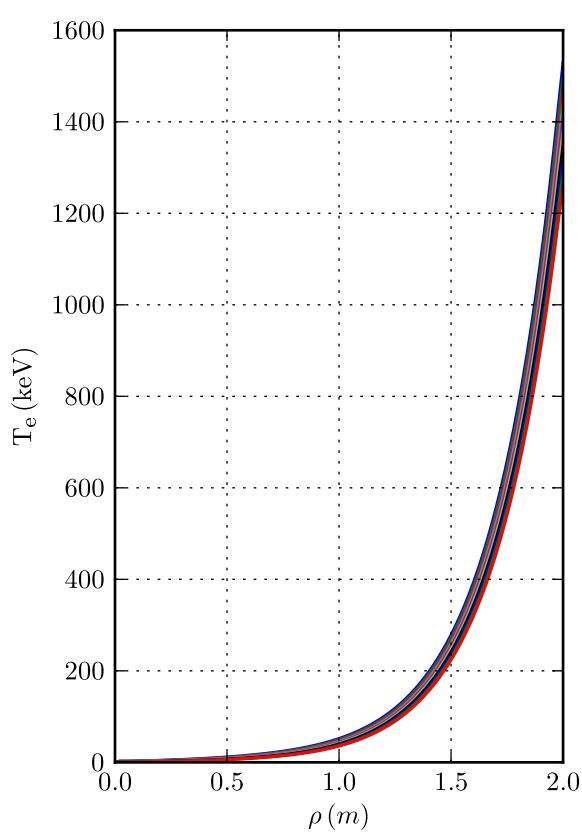


Profiles

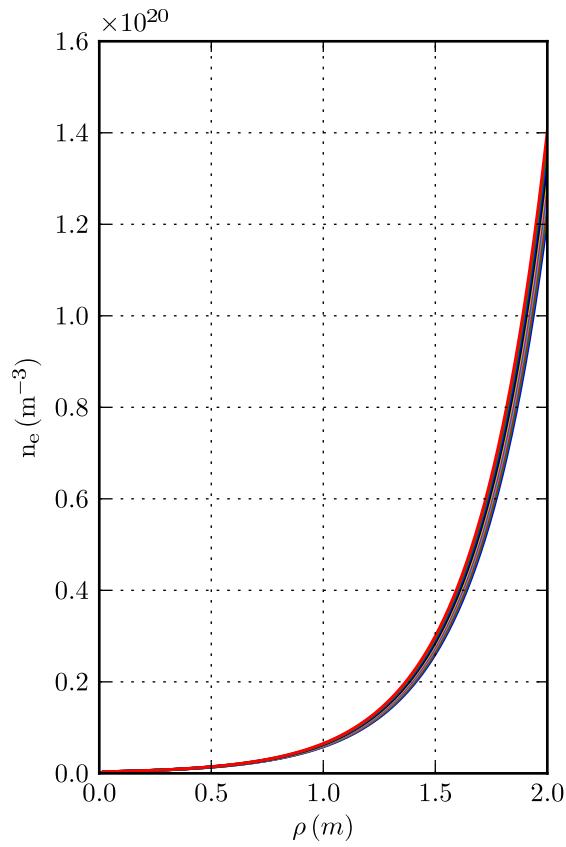
[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: last 10 time slices

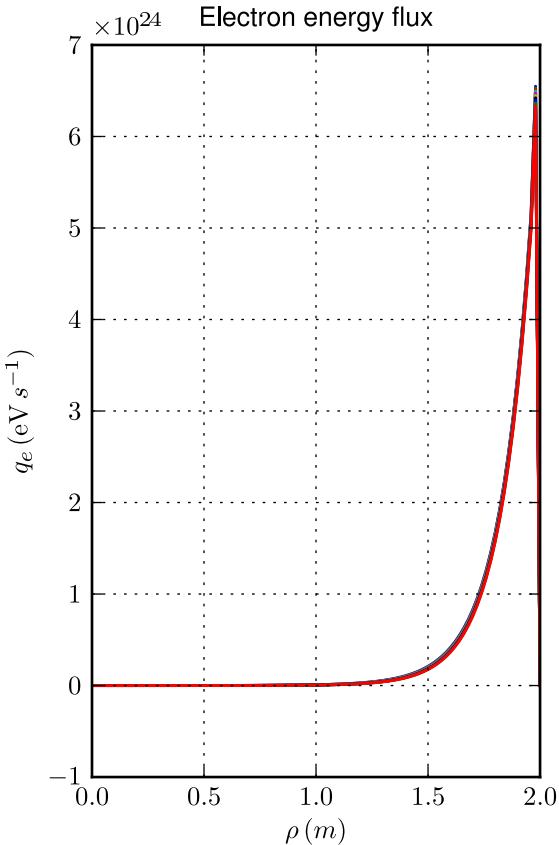
Electron temperature



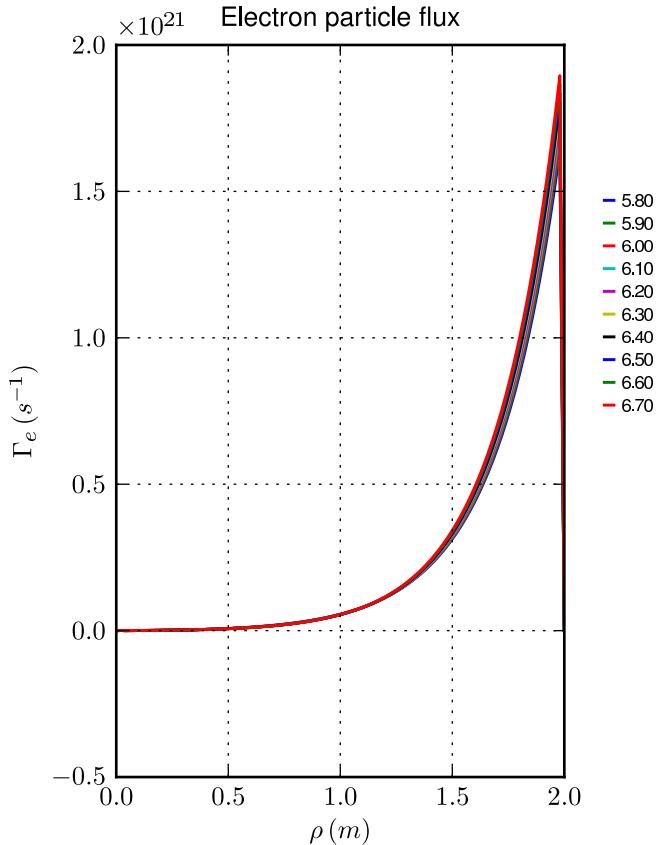
Electron density



Electron energy flux



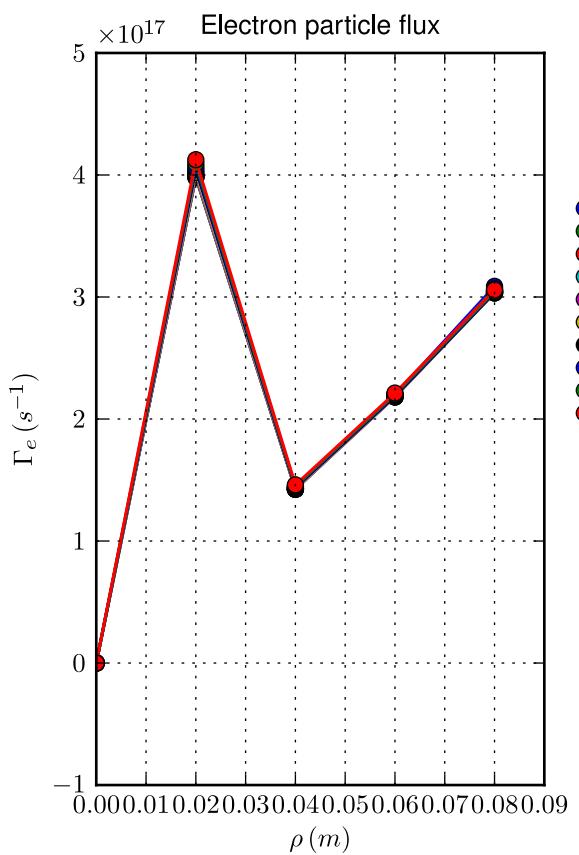
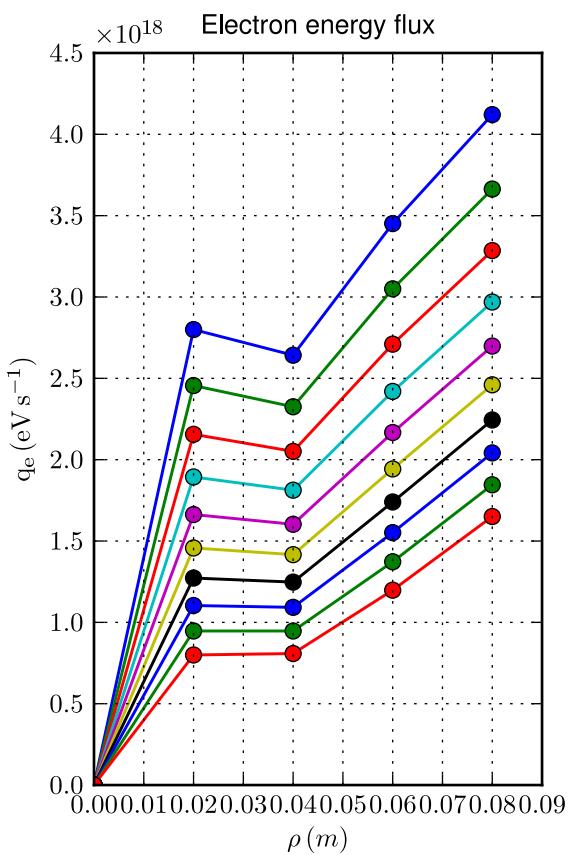
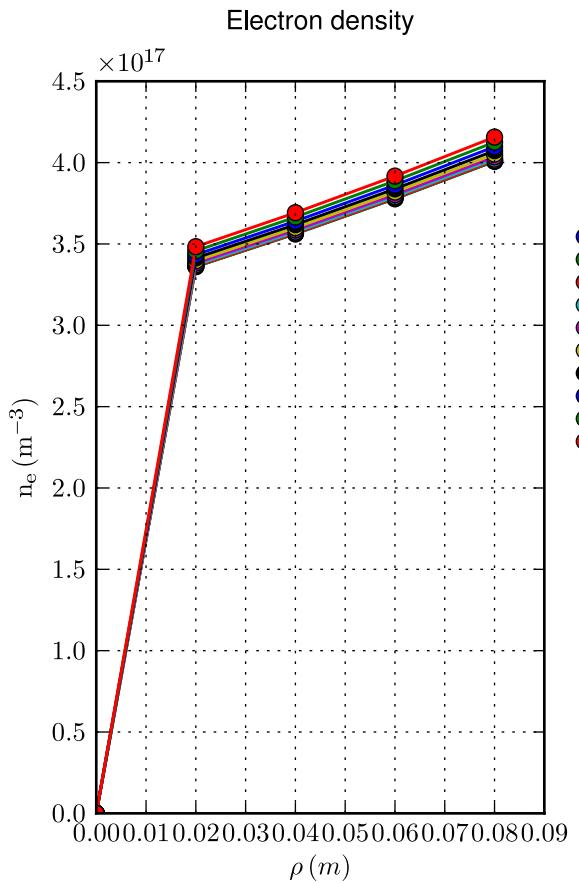
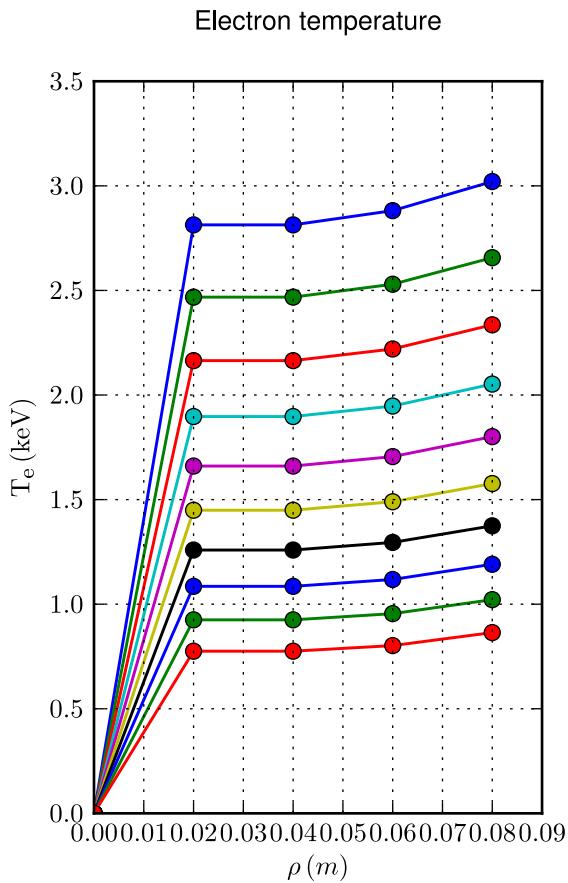
Electron particle flux



Profiles

[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

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

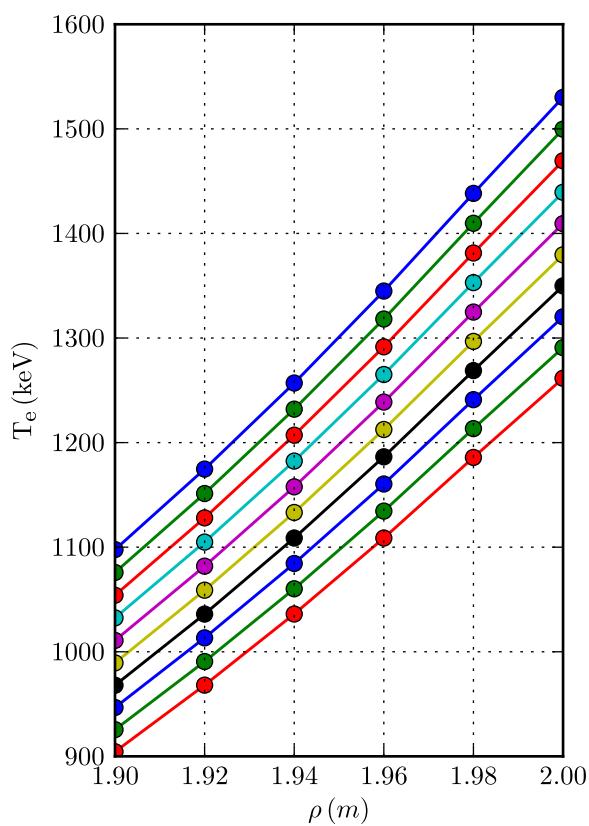


Profiles

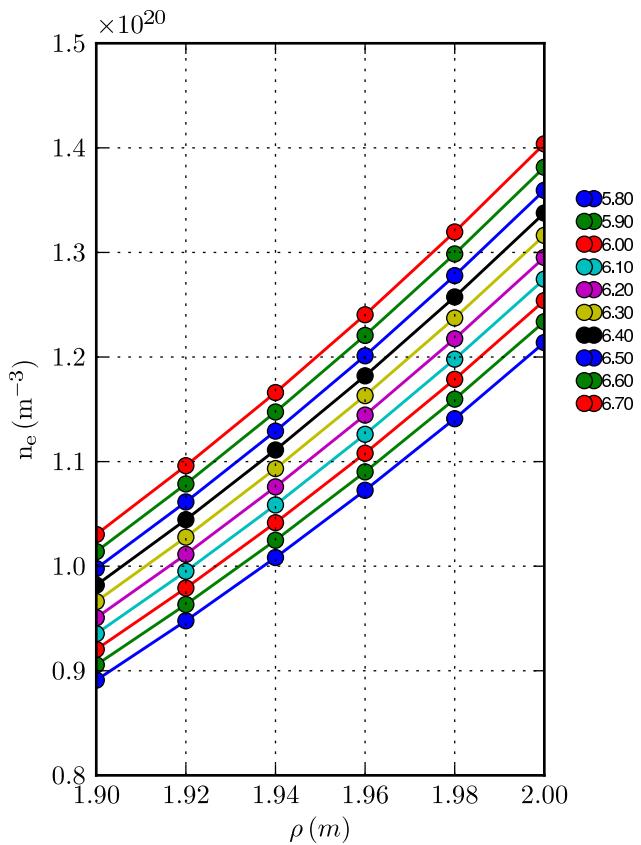
[Case: I.1.5.b, Solver: 7, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

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

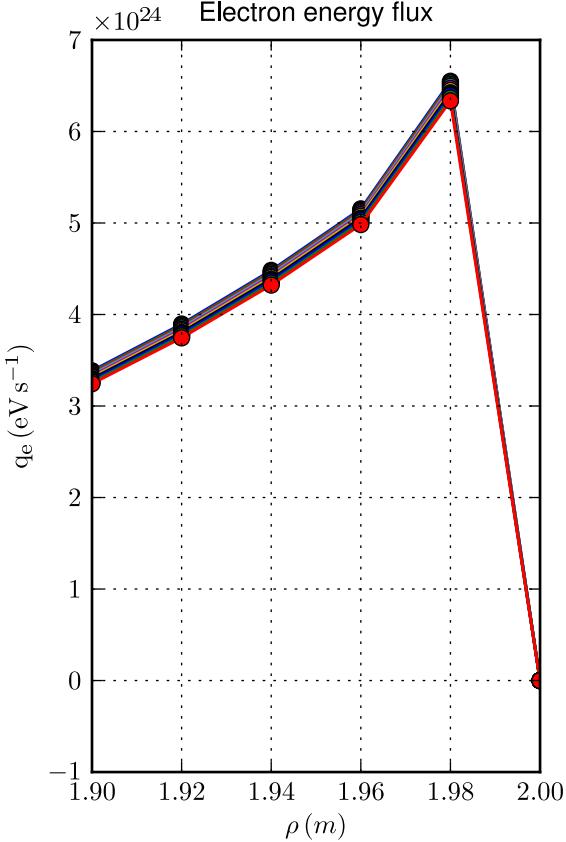
Electron temperature



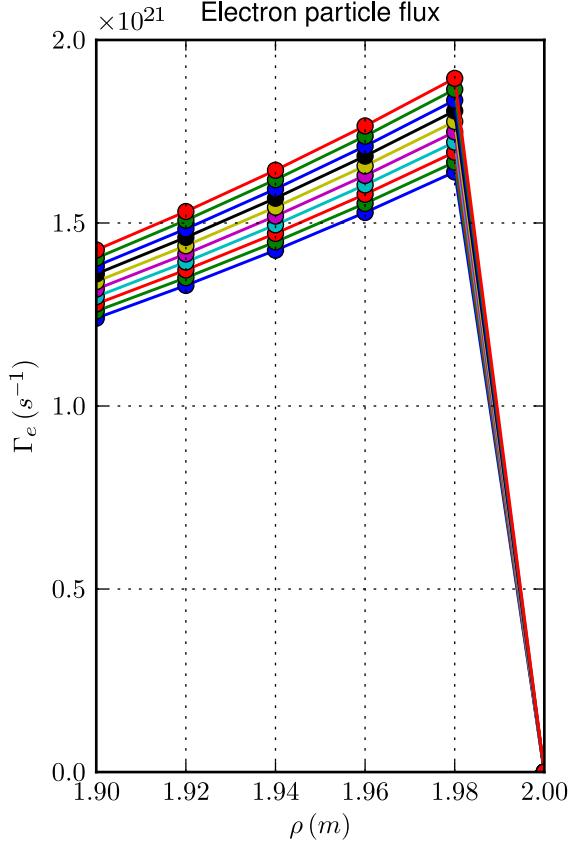
Electron density



Electron energy flux



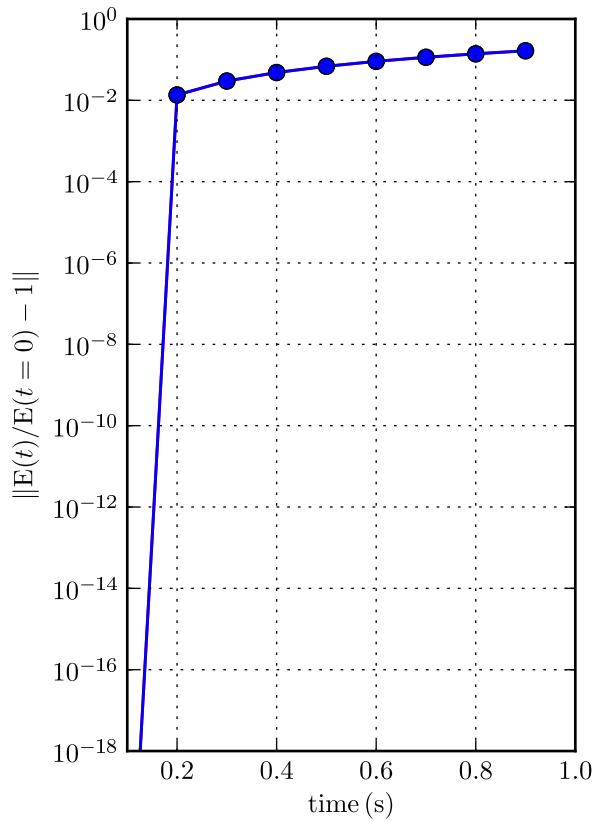
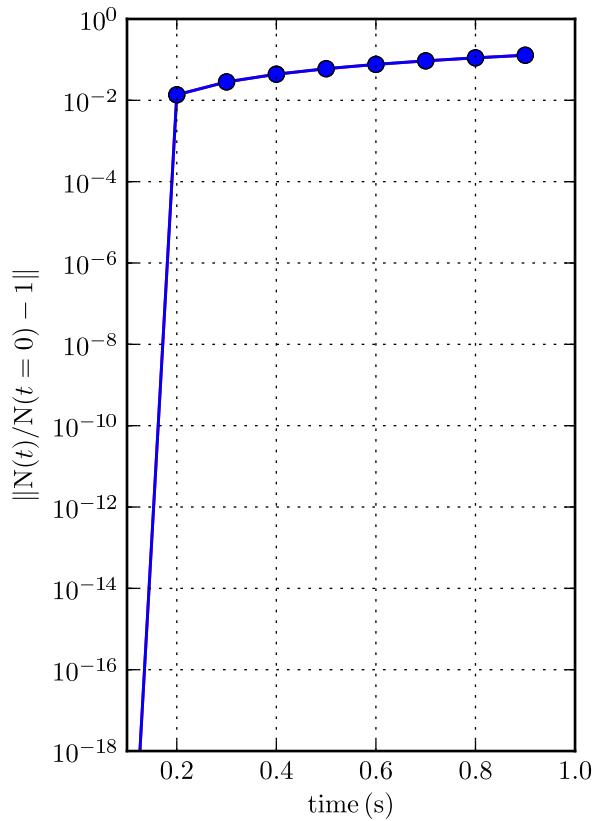
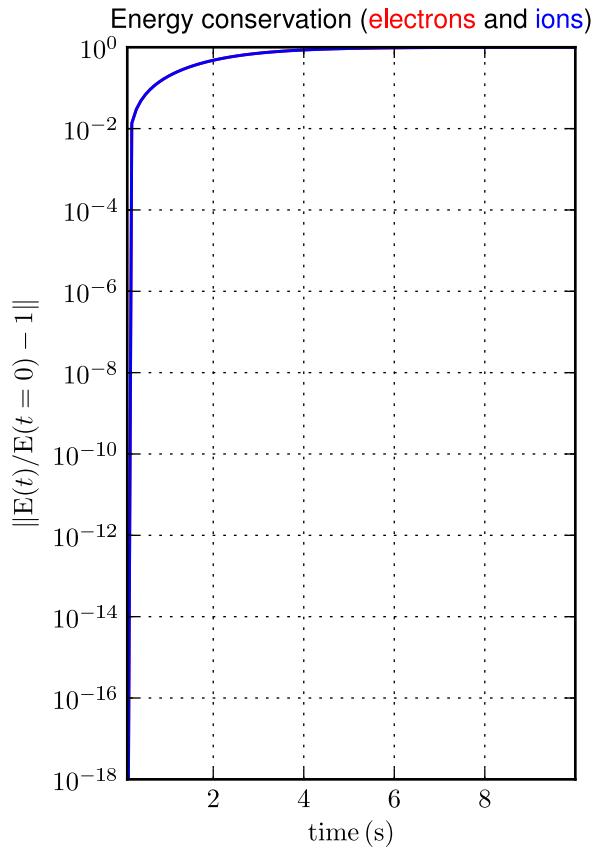
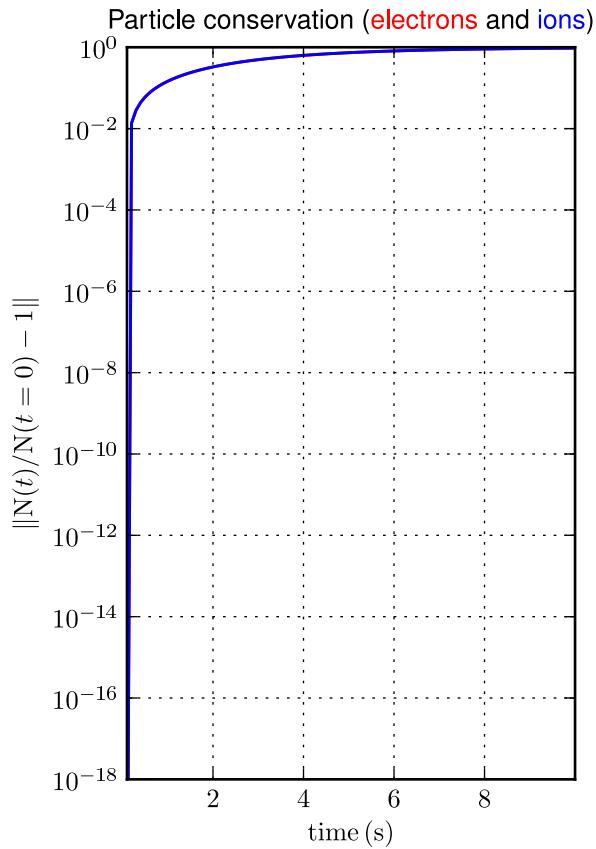
Electron particle flux



Part. & Energy conservation

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

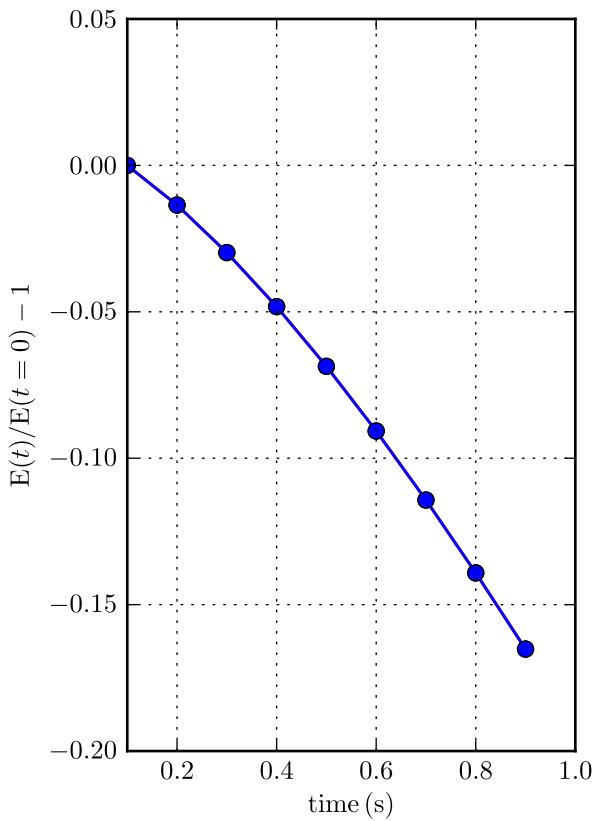
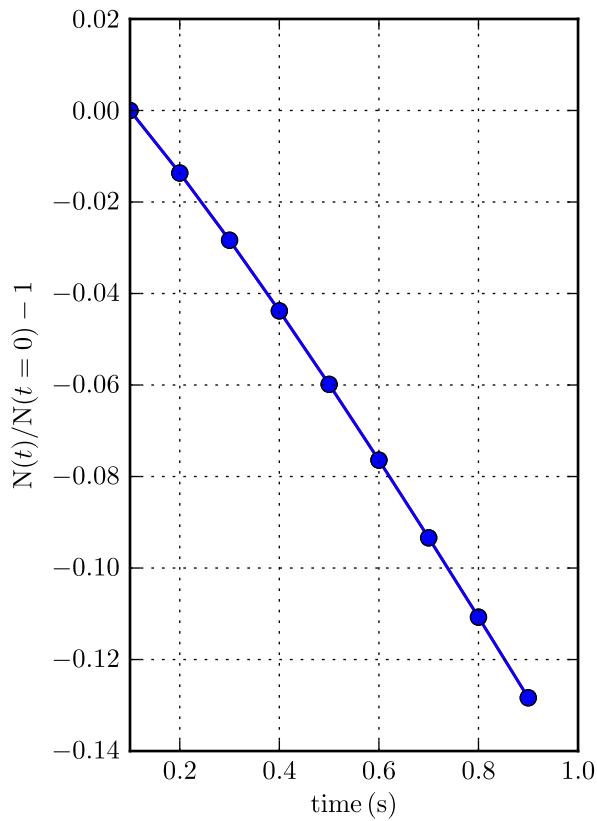
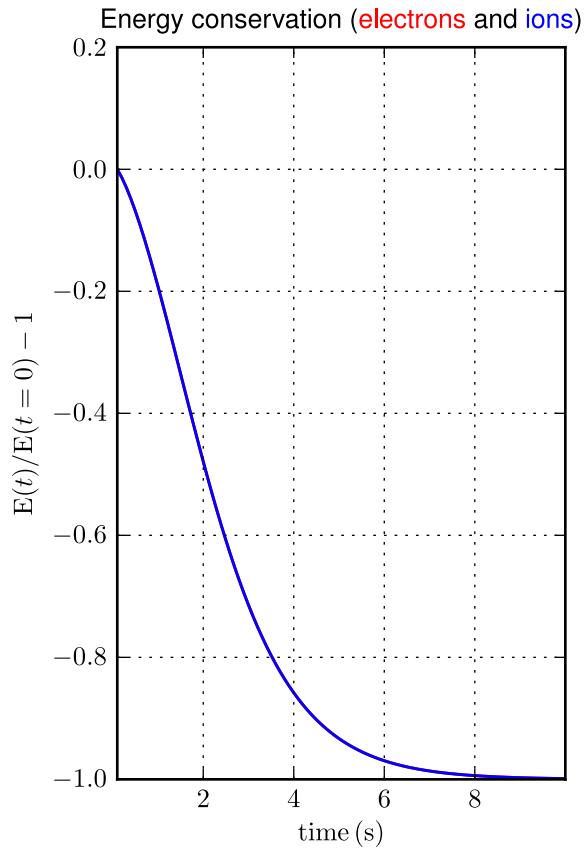
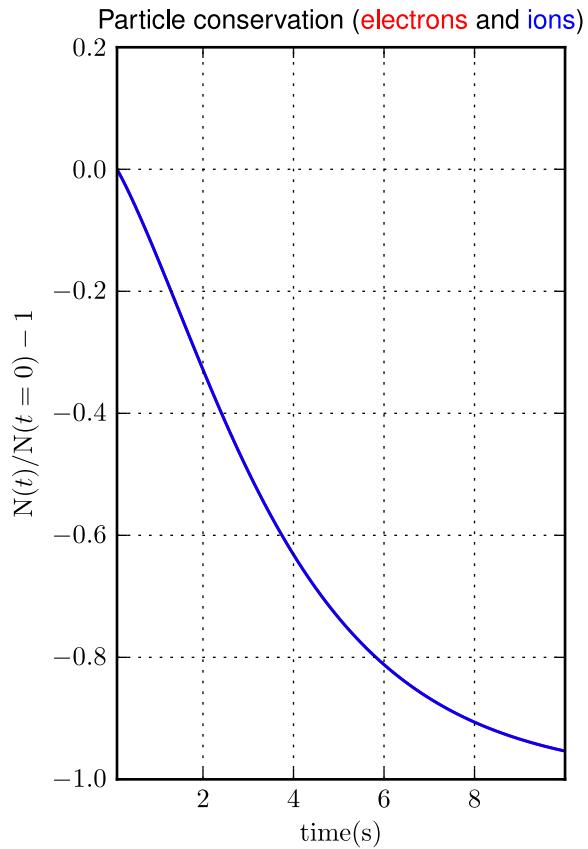
Comparison with initial solution - log scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

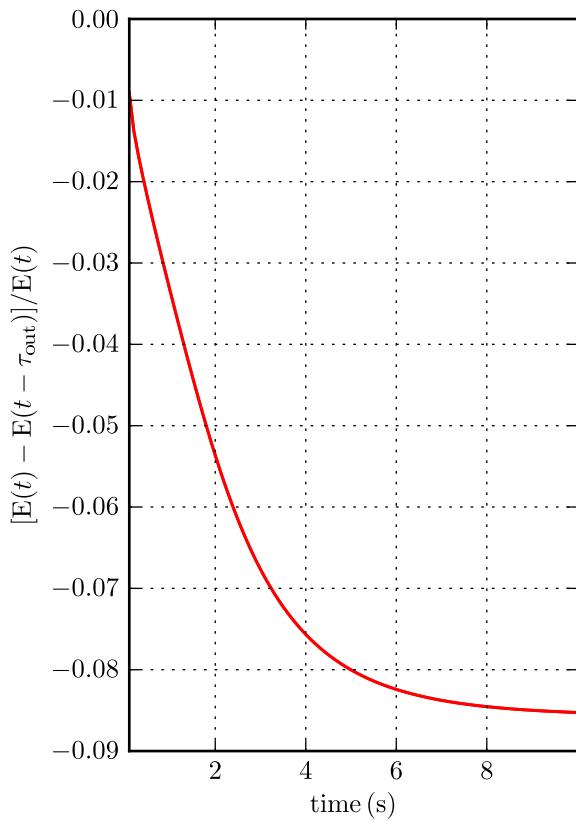
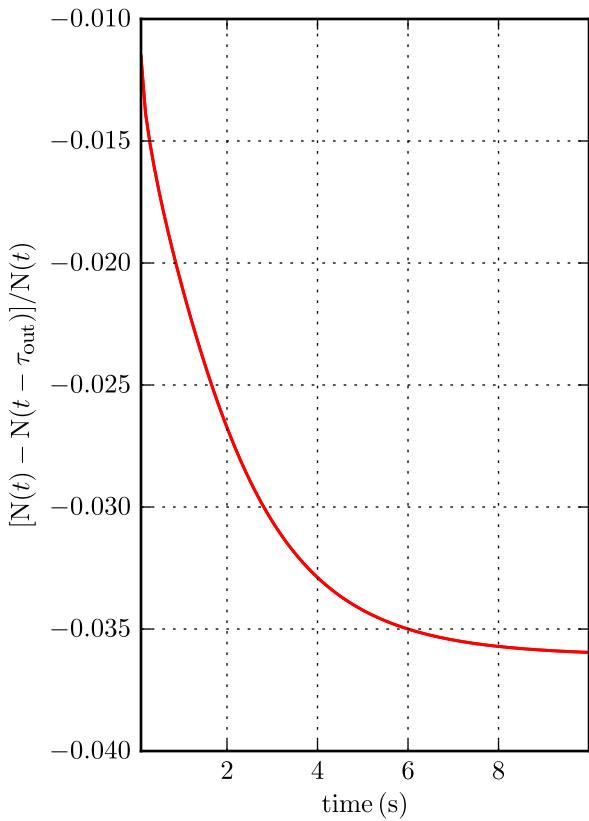
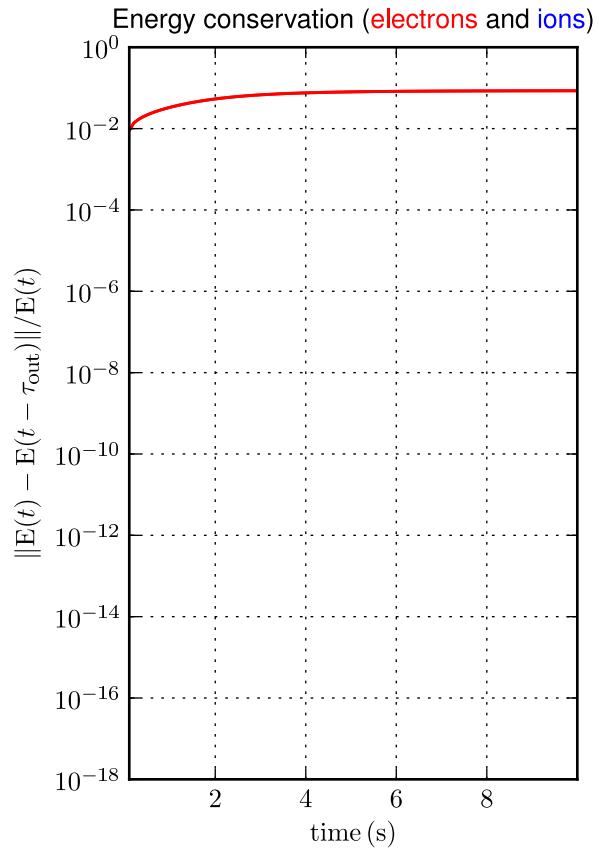
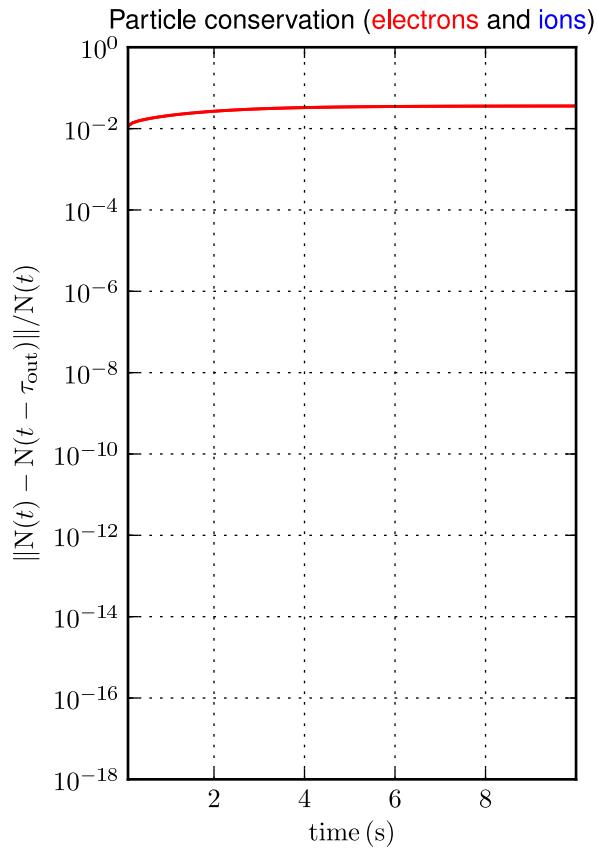
Comparison with initial solution - linear scale; total time and zoom over time



Part. & Energy conservation

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

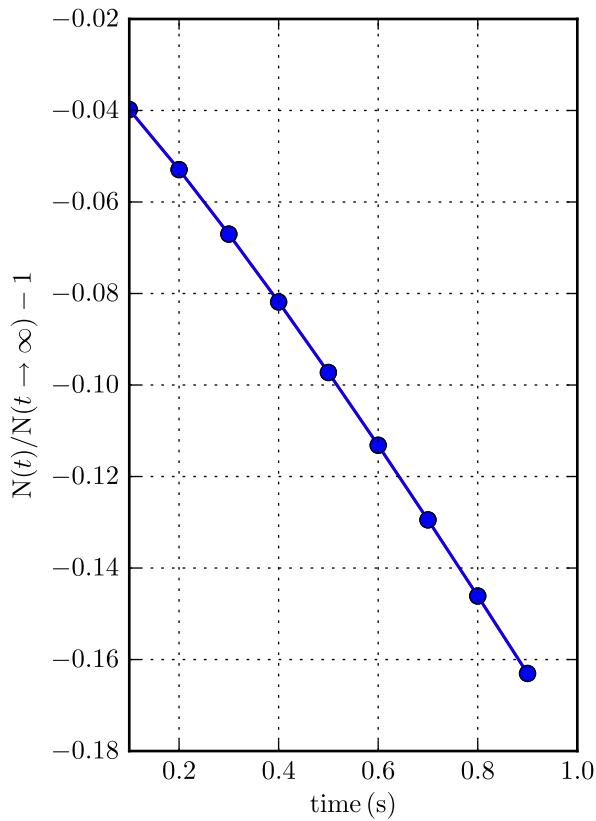
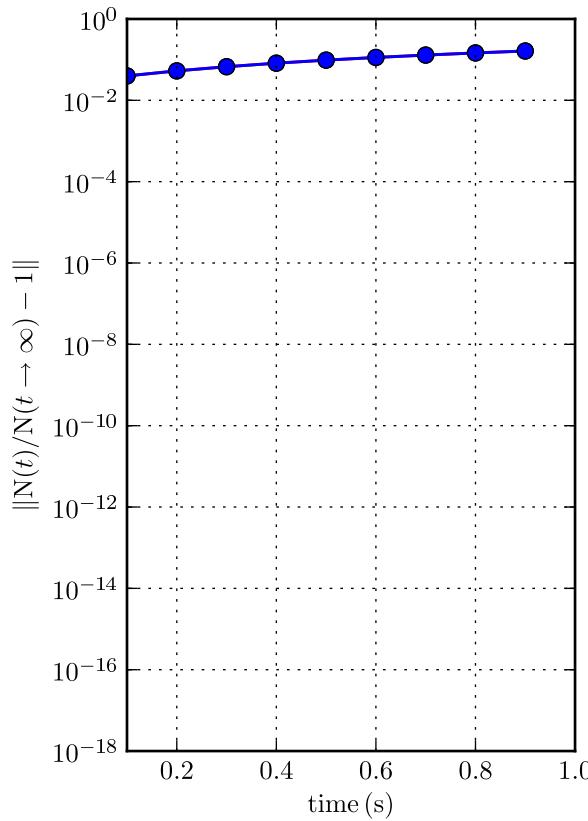
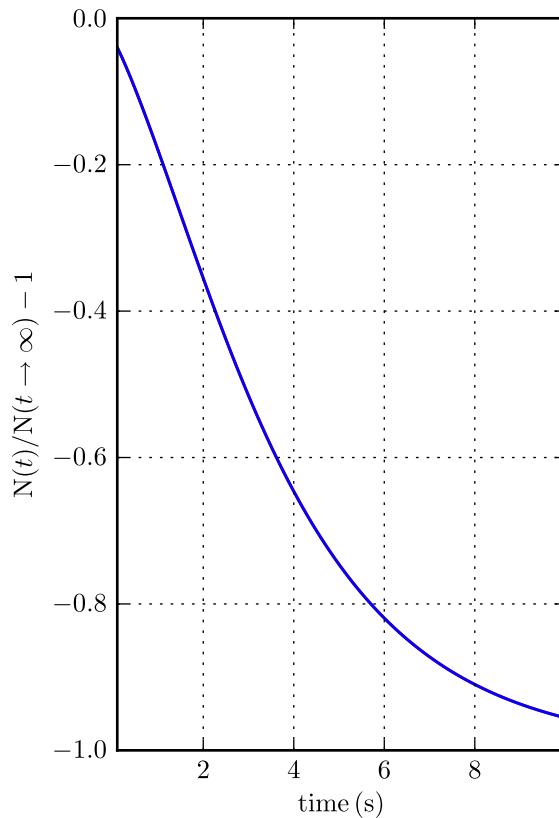
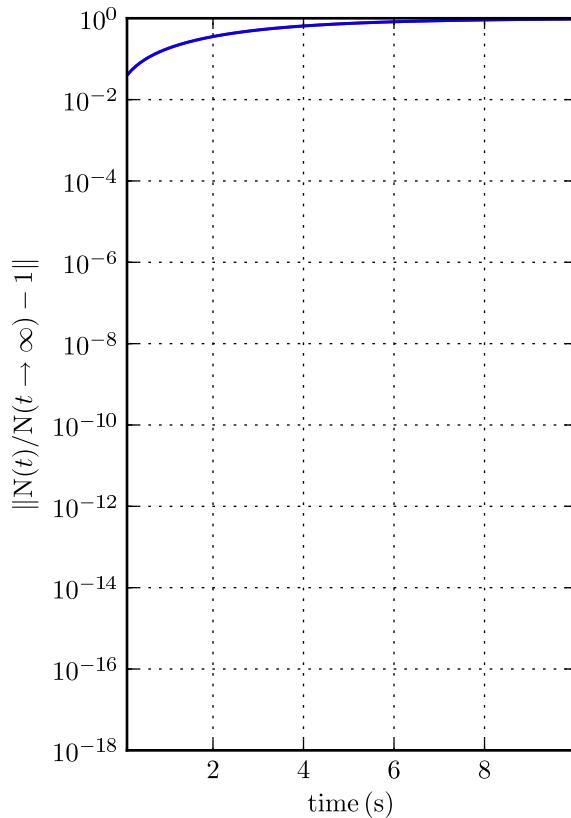
Comparison with previous time-sampled (τ_{out}) solution - log and linear scales



Particle conservation

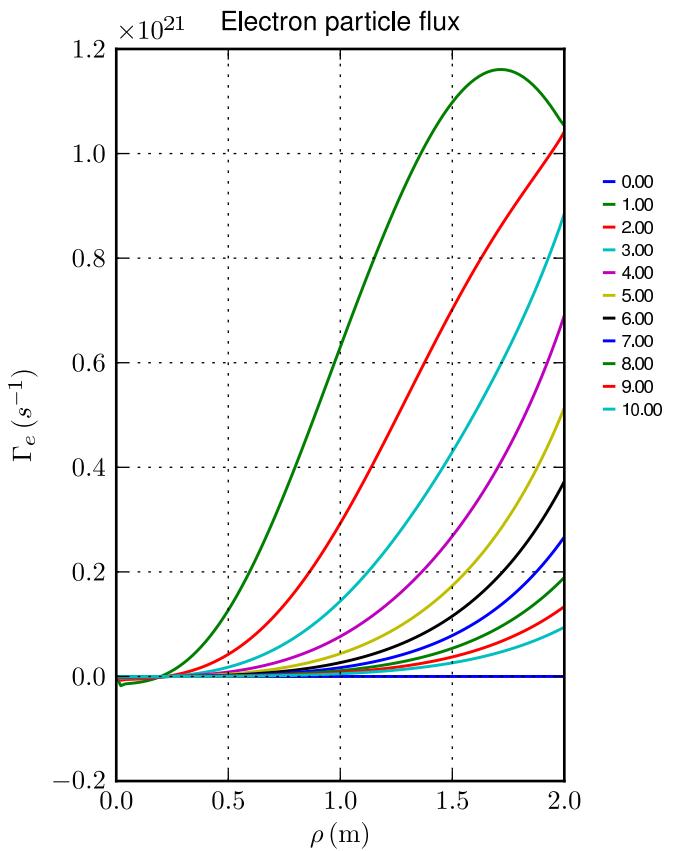
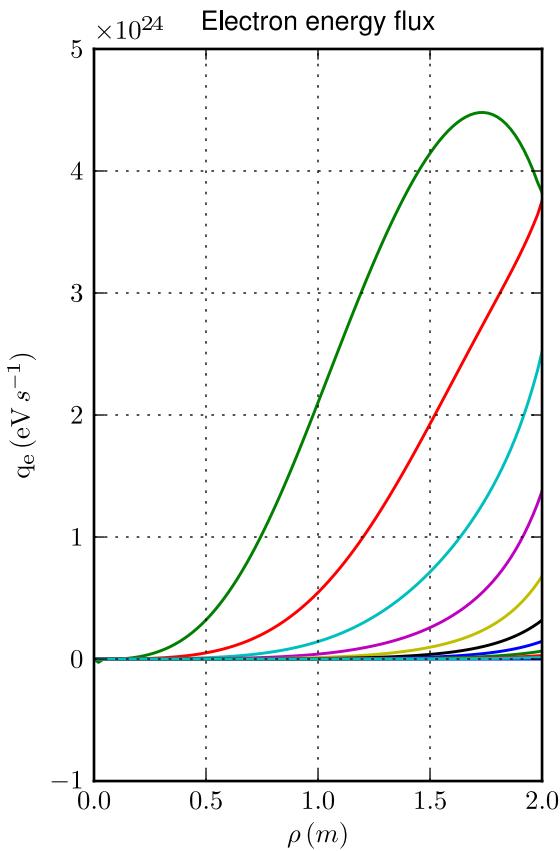
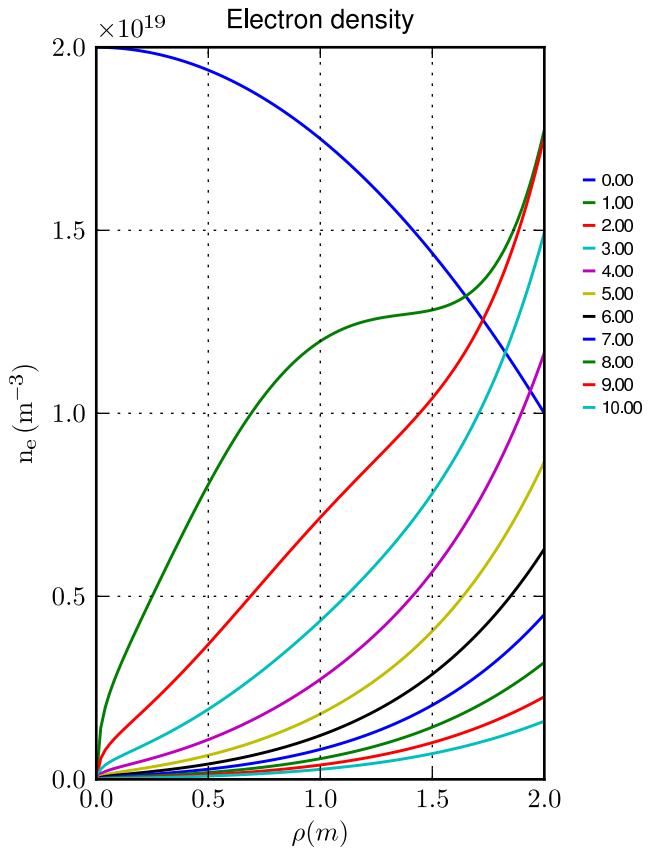
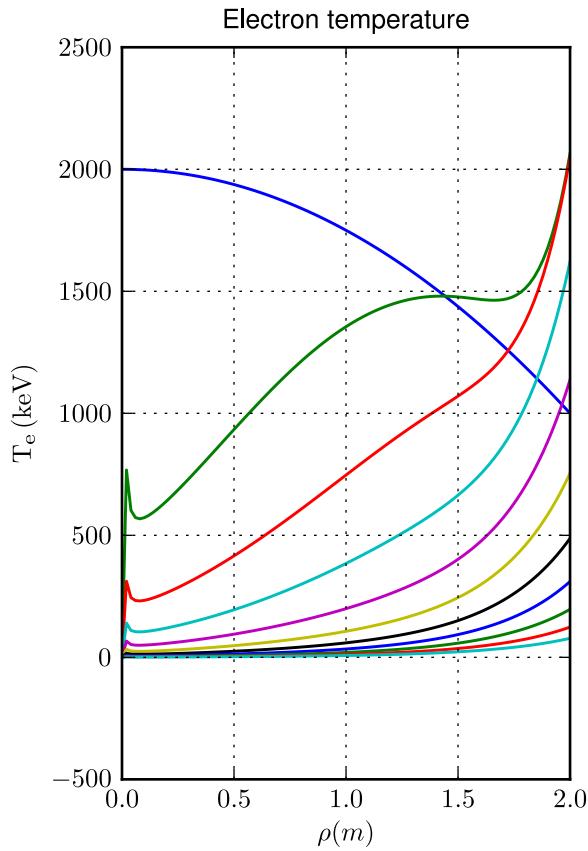
[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_p = 101$]

Comparison with asymptotic solution (electrons and ions); total time and zoom over time



Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: total simulation time/10

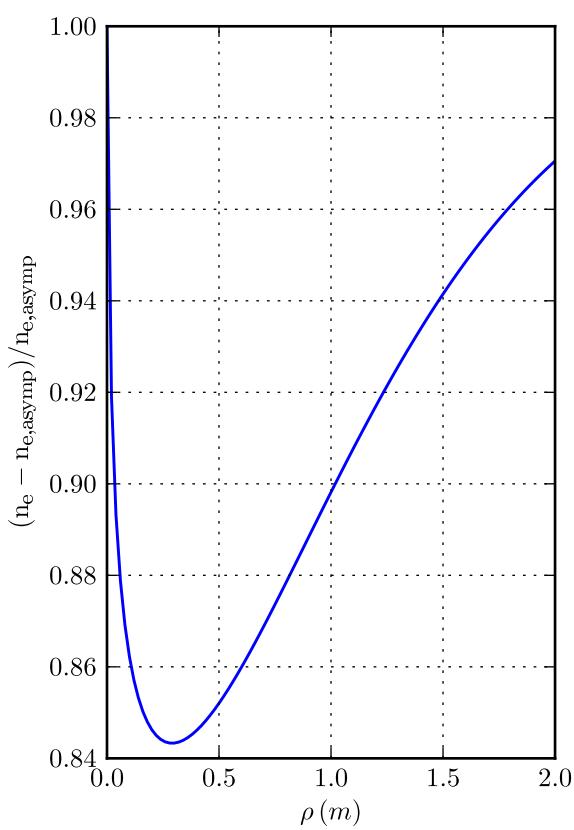


Profiles

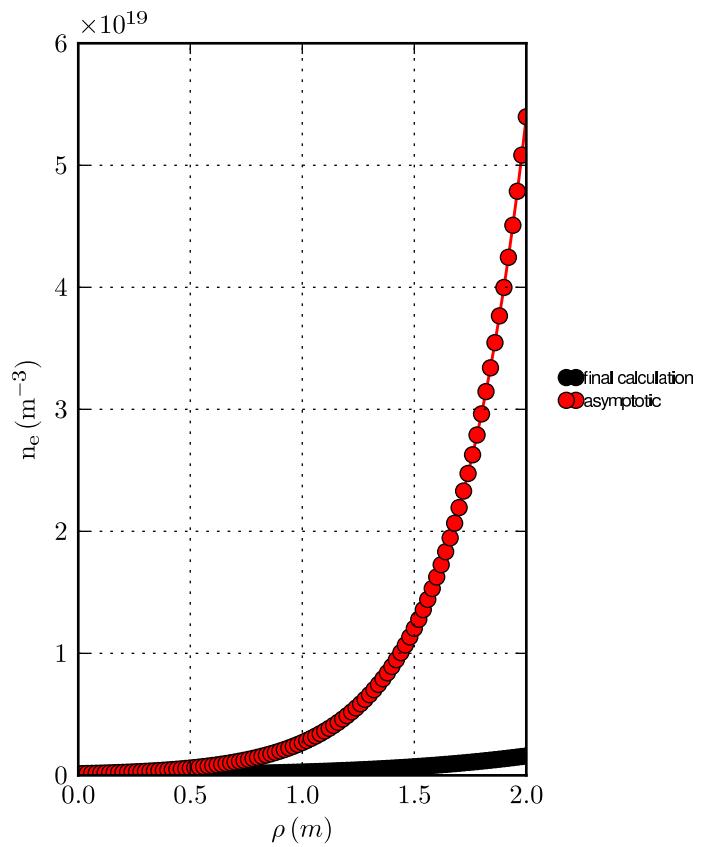
[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Comparison with asymptotic solution

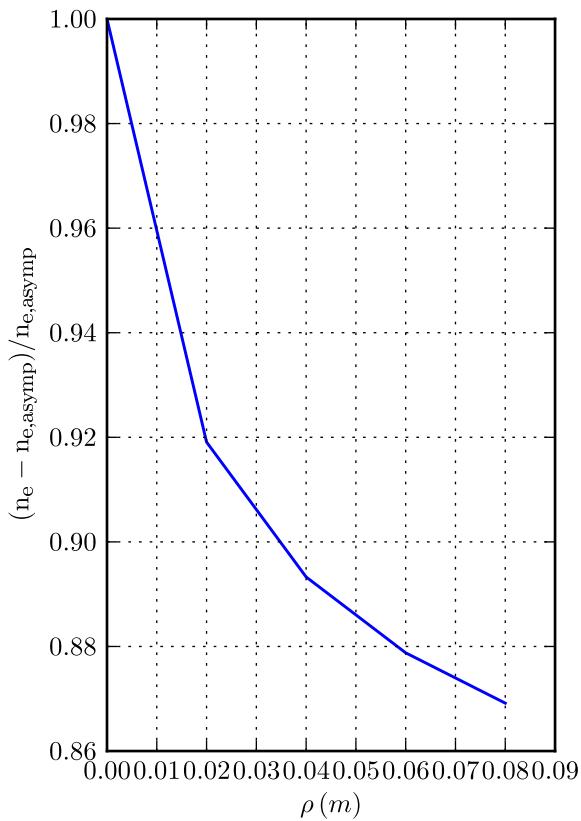
Electron density relative error



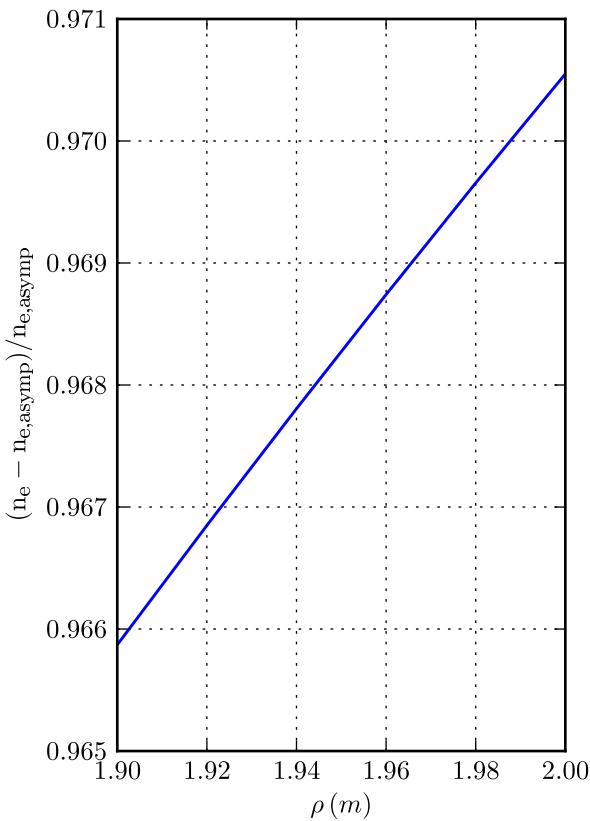
Electron density



Error: zoom over axis



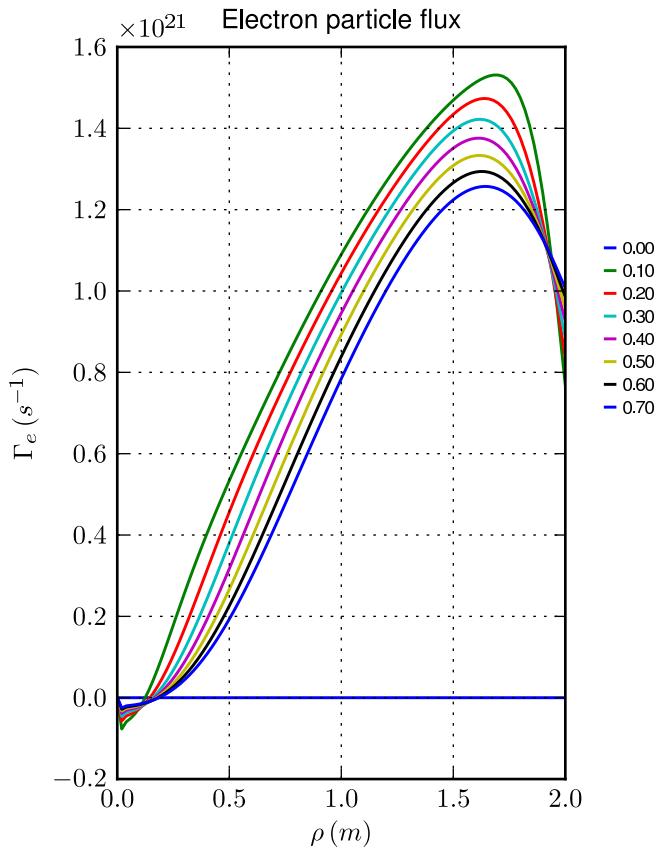
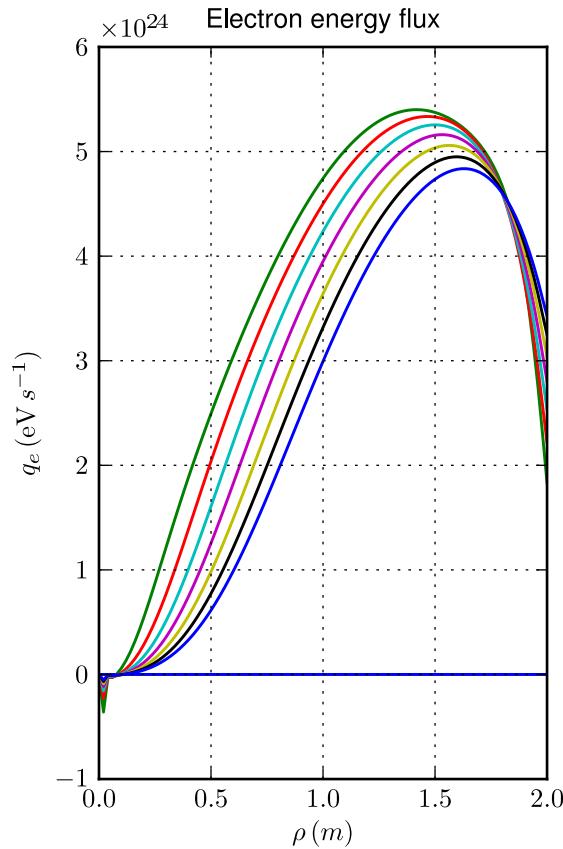
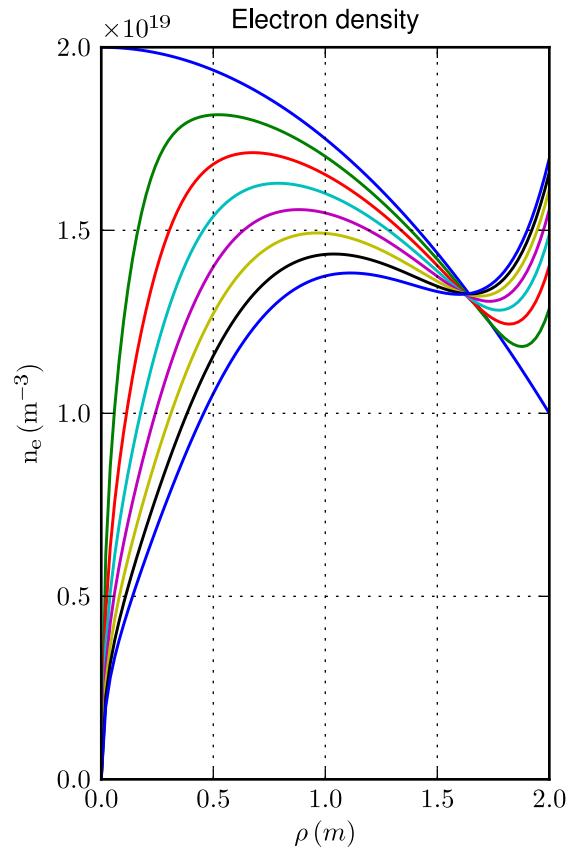
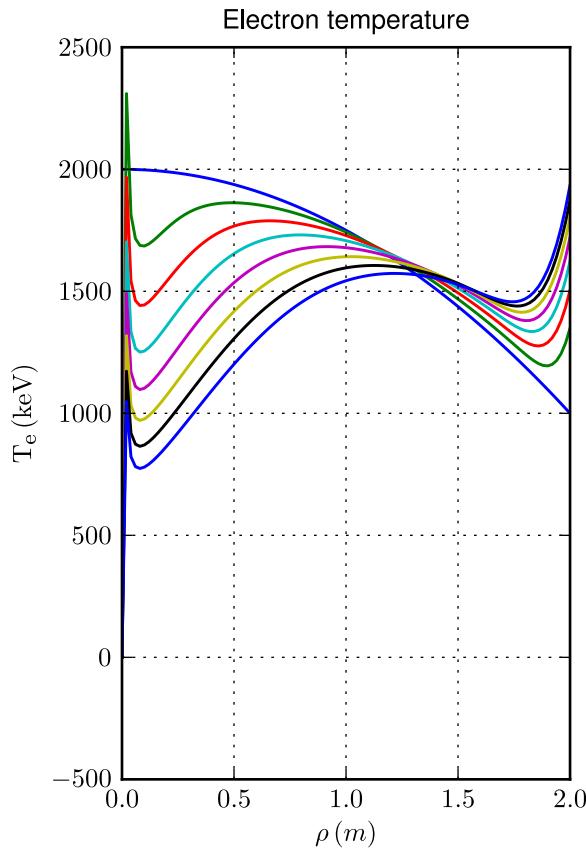
Error: zoom over edge



Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

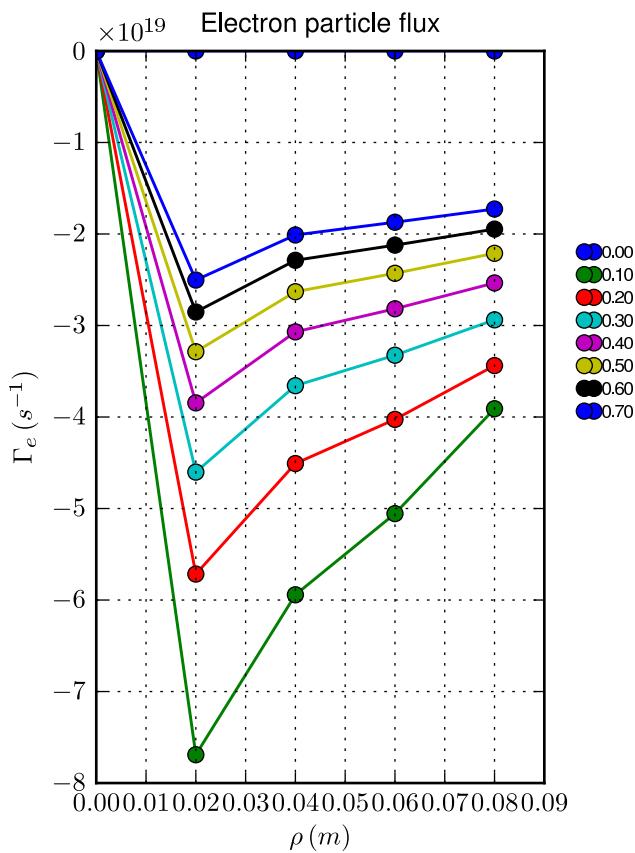
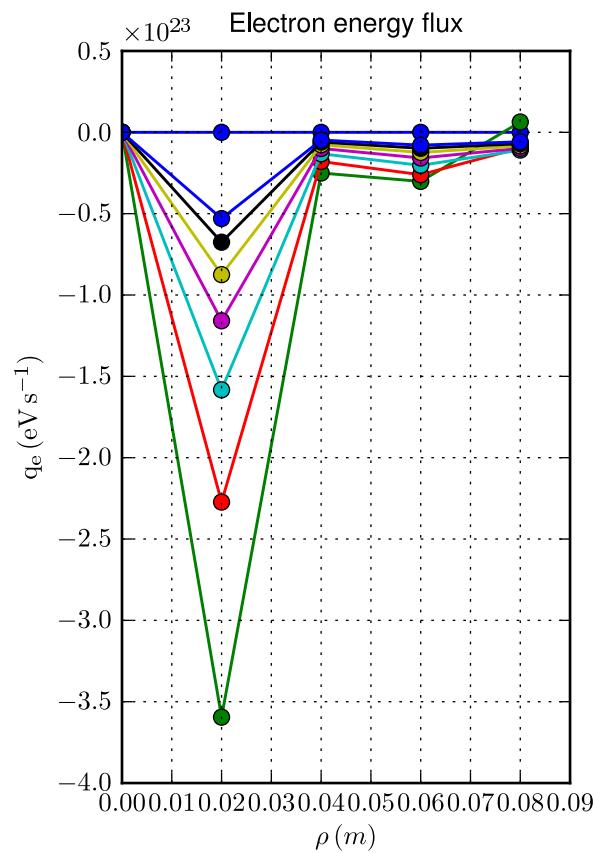
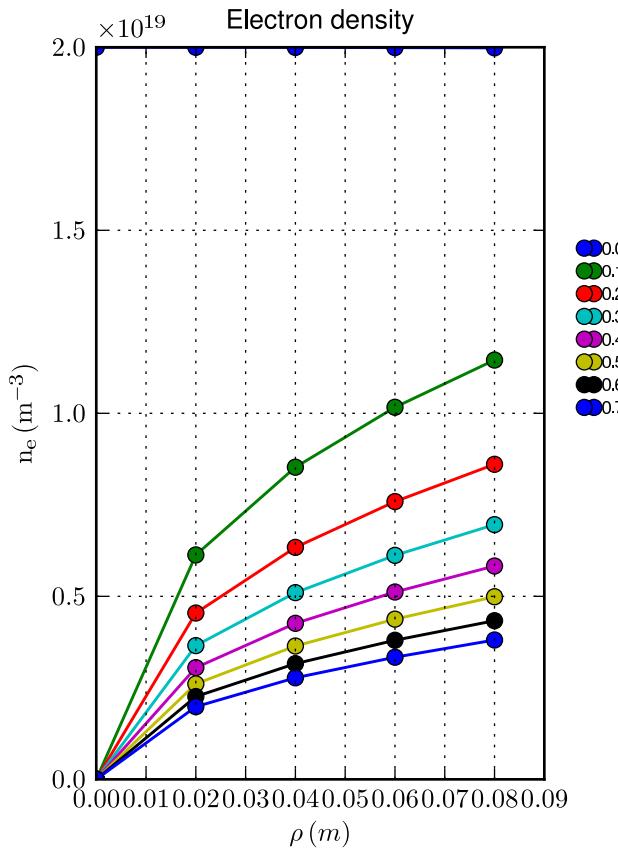
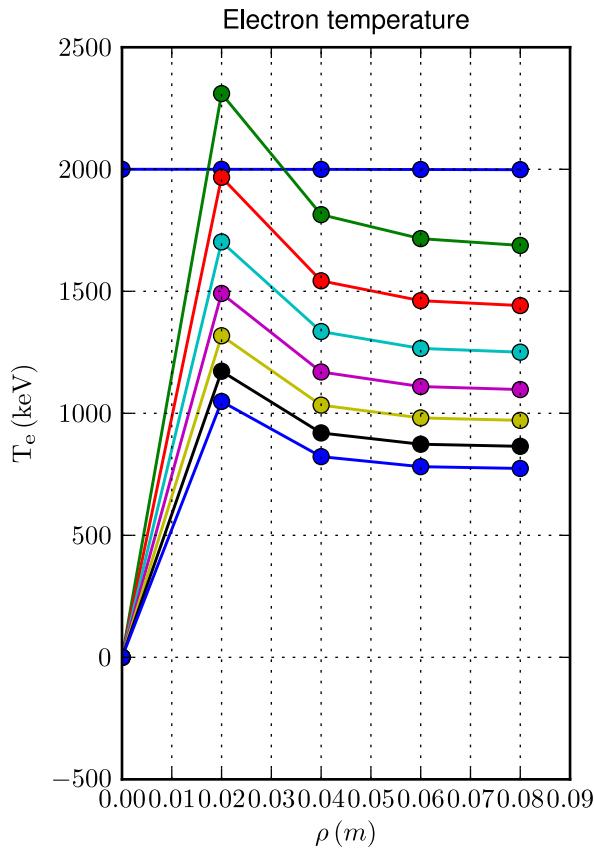


Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over magnetic axis

Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$

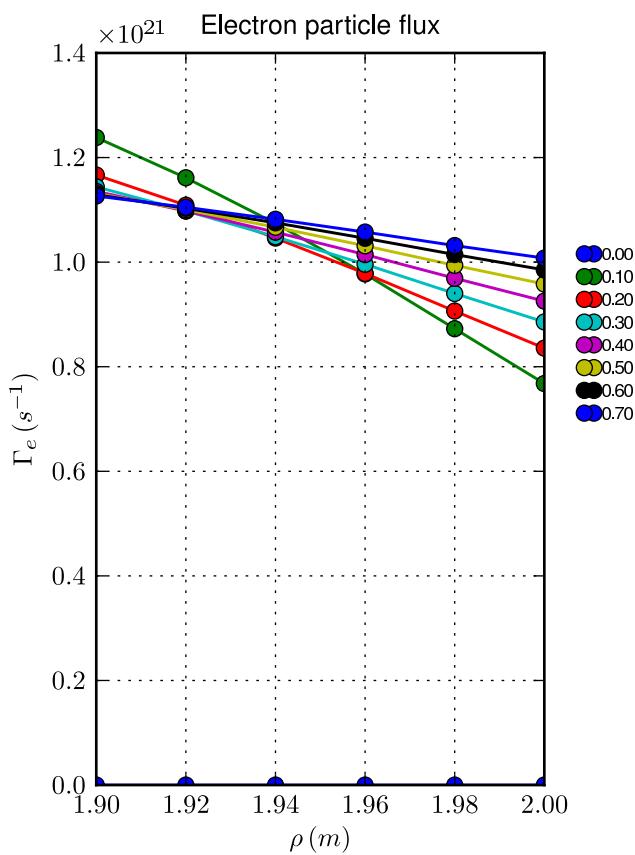
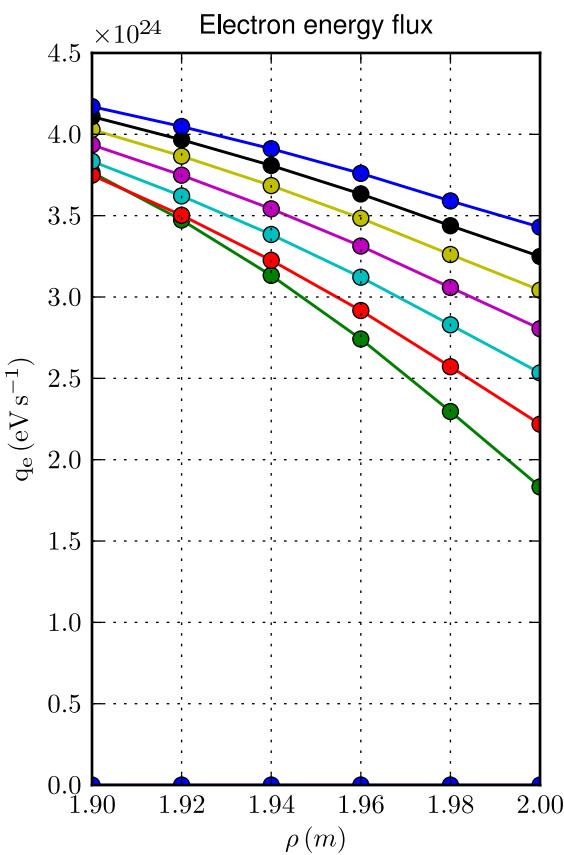
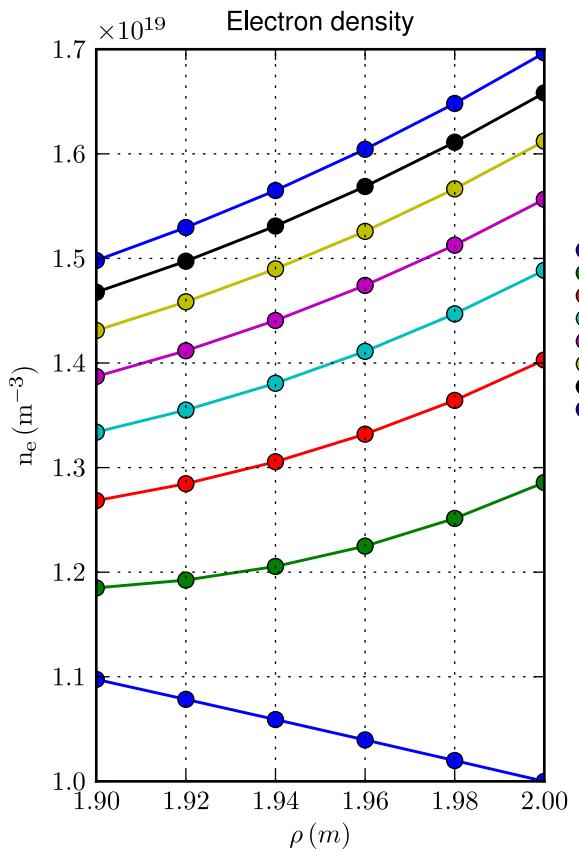
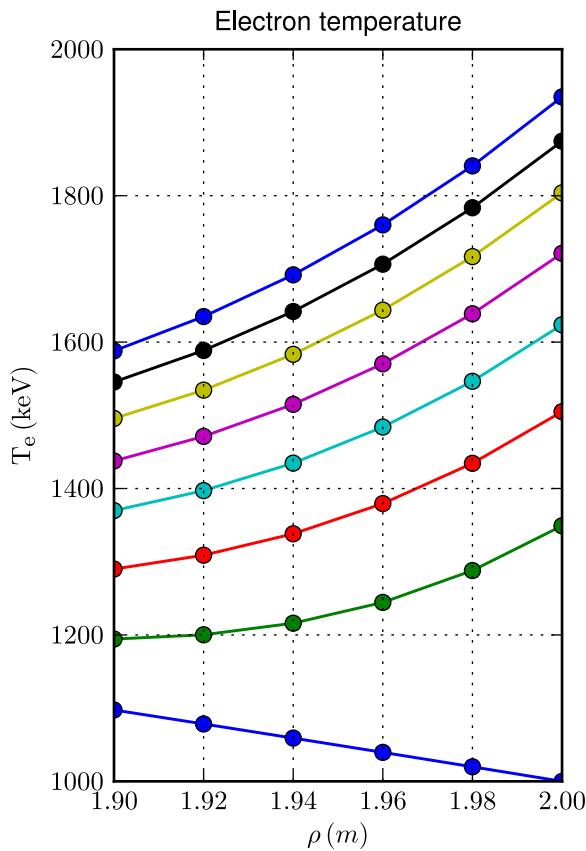


Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]

Spatial zoom over edge

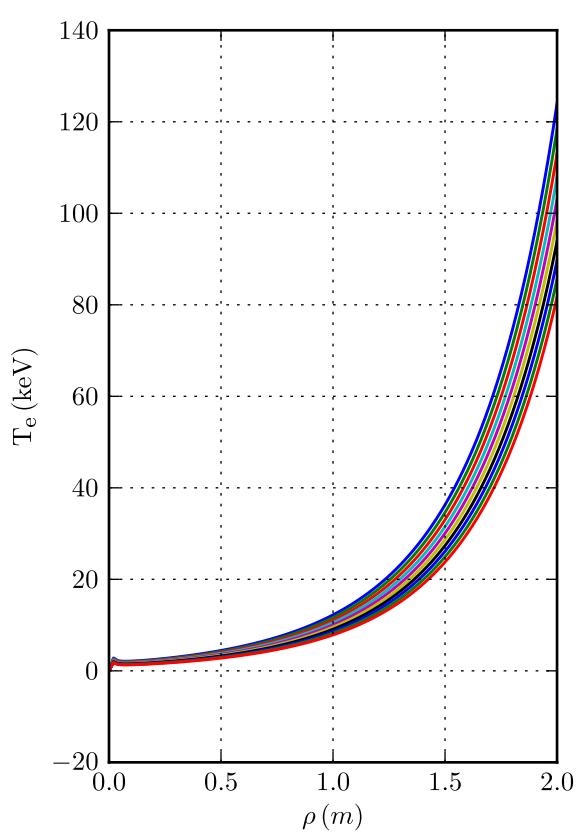
Time sampling: first 10 time slices or zoom over time $0.1 \times (a^2/D)/|1 - (Va/D)| = 0.80 \text{ s}$



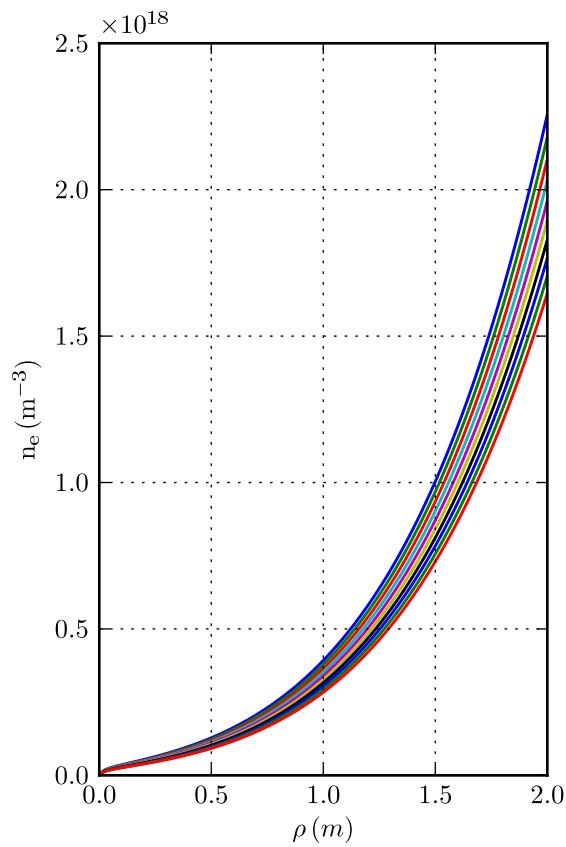
Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Time sampling: last 10 time slices

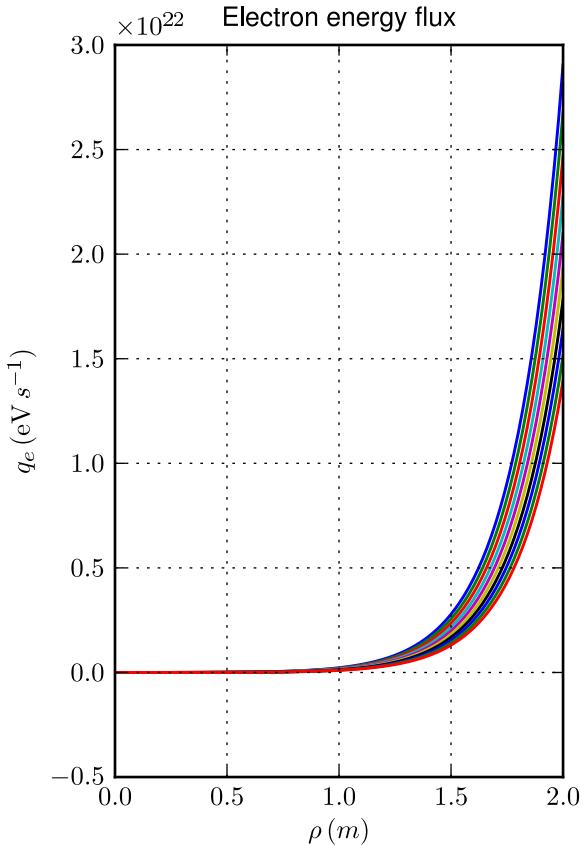
Electron temperature



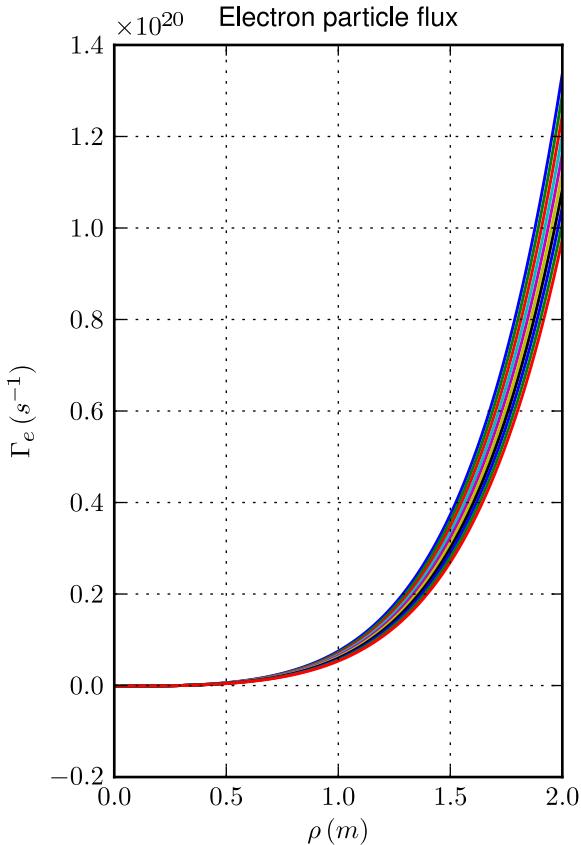
Electron density



Electron energy flux



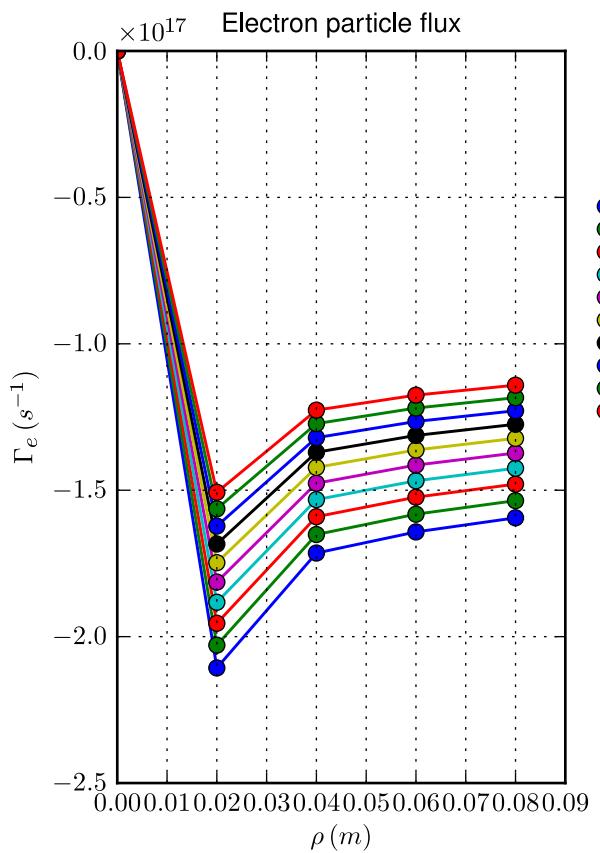
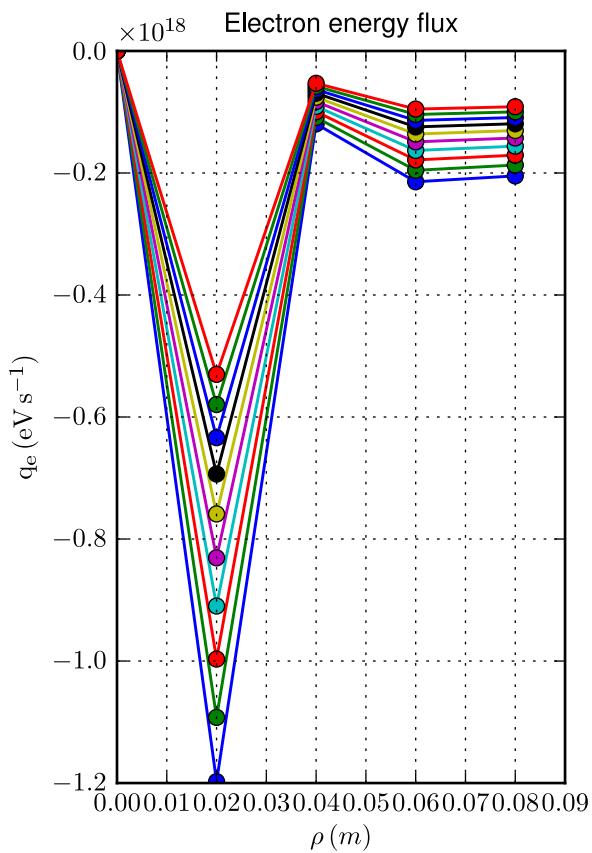
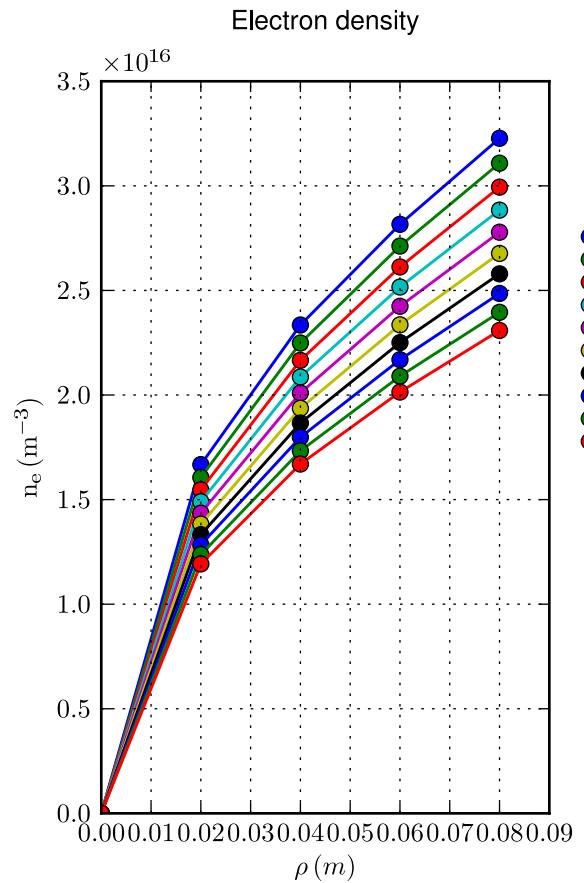
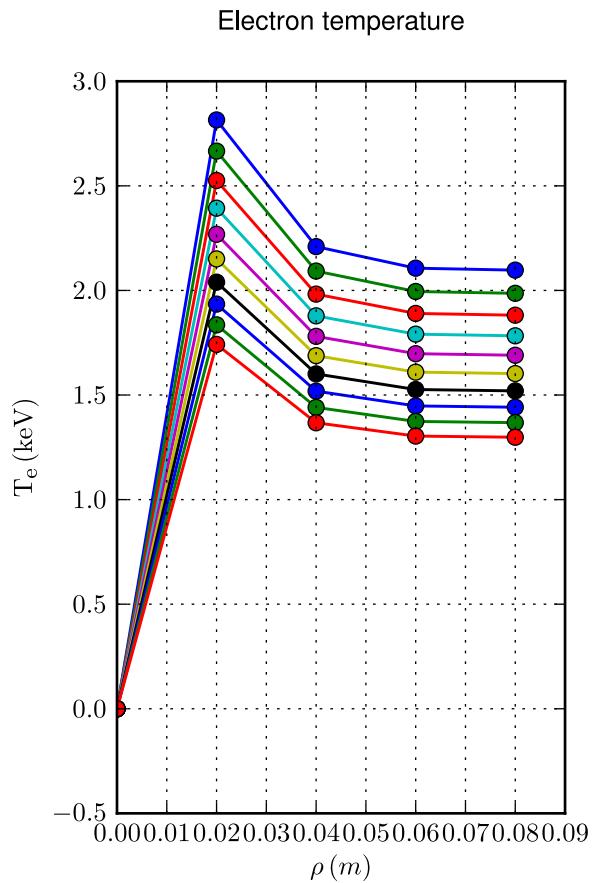
Electron particle flux



Legend for time steps:
 9.00 (blue)
 9.10 (green)
 9.20 (red)
 9.30 (cyan)
 9.40 (purple)
 9.50 (yellow)
 9.60 (black)
 9.70 (dark blue)
 9.80 (dark green)
 9.90 (dark red)

Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Spatial zoom over magnetic axis; time sampling: last 10 time slices



Profiles

[Case: I.1.5.b, Solver: 10, $D = 0.1 \text{ m}^2/\text{s}$, $v = 0.30 \text{ m/s}$, $\Delta t = 10.00$, $\tau = 1.0 \times 10^{-3} \text{ s}$, $N_\rho = 101$]
 Spatial zoom over edge; time sampling: last 10 time slices

