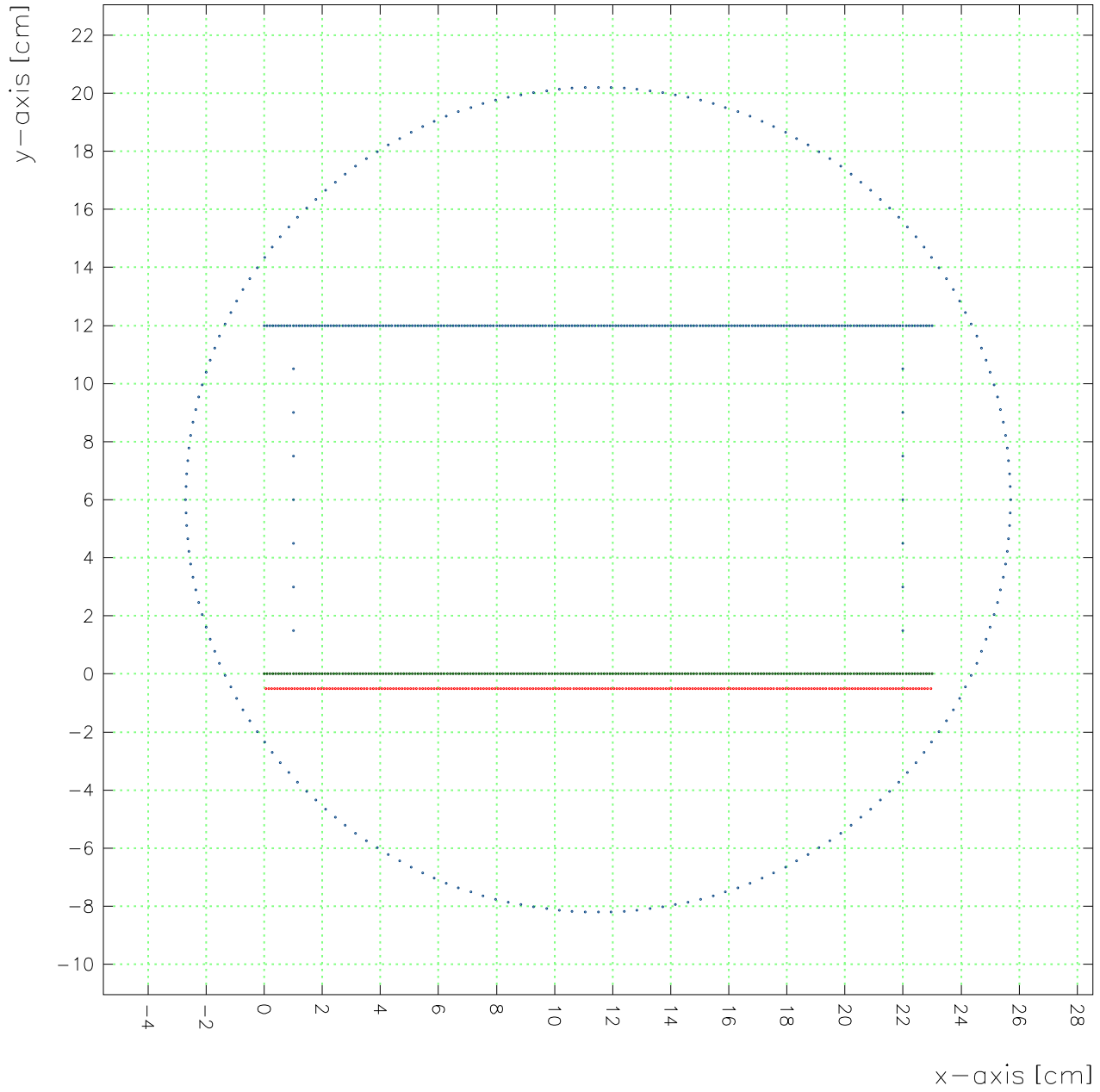
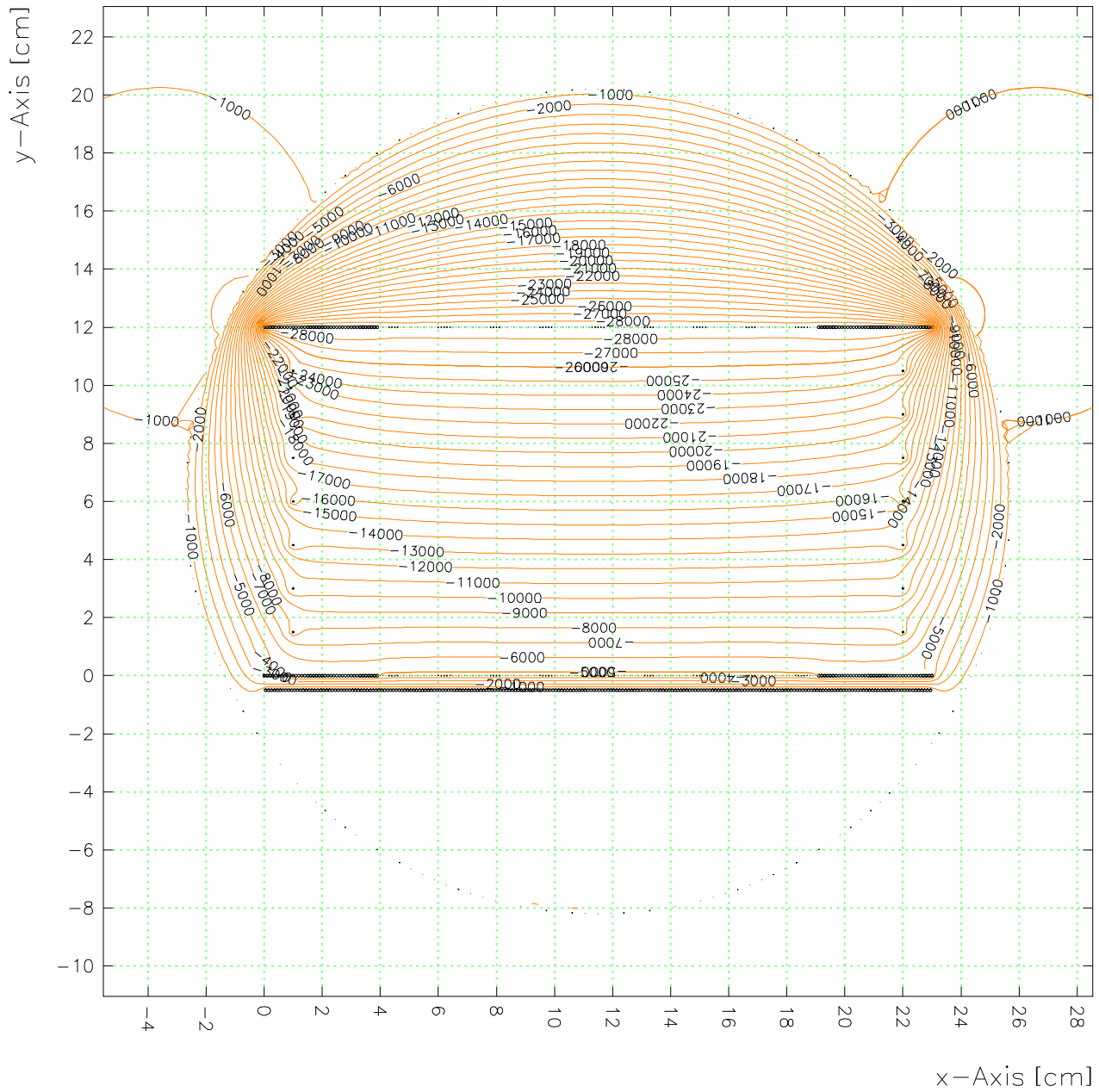


# LAYOUT OF THE CELL



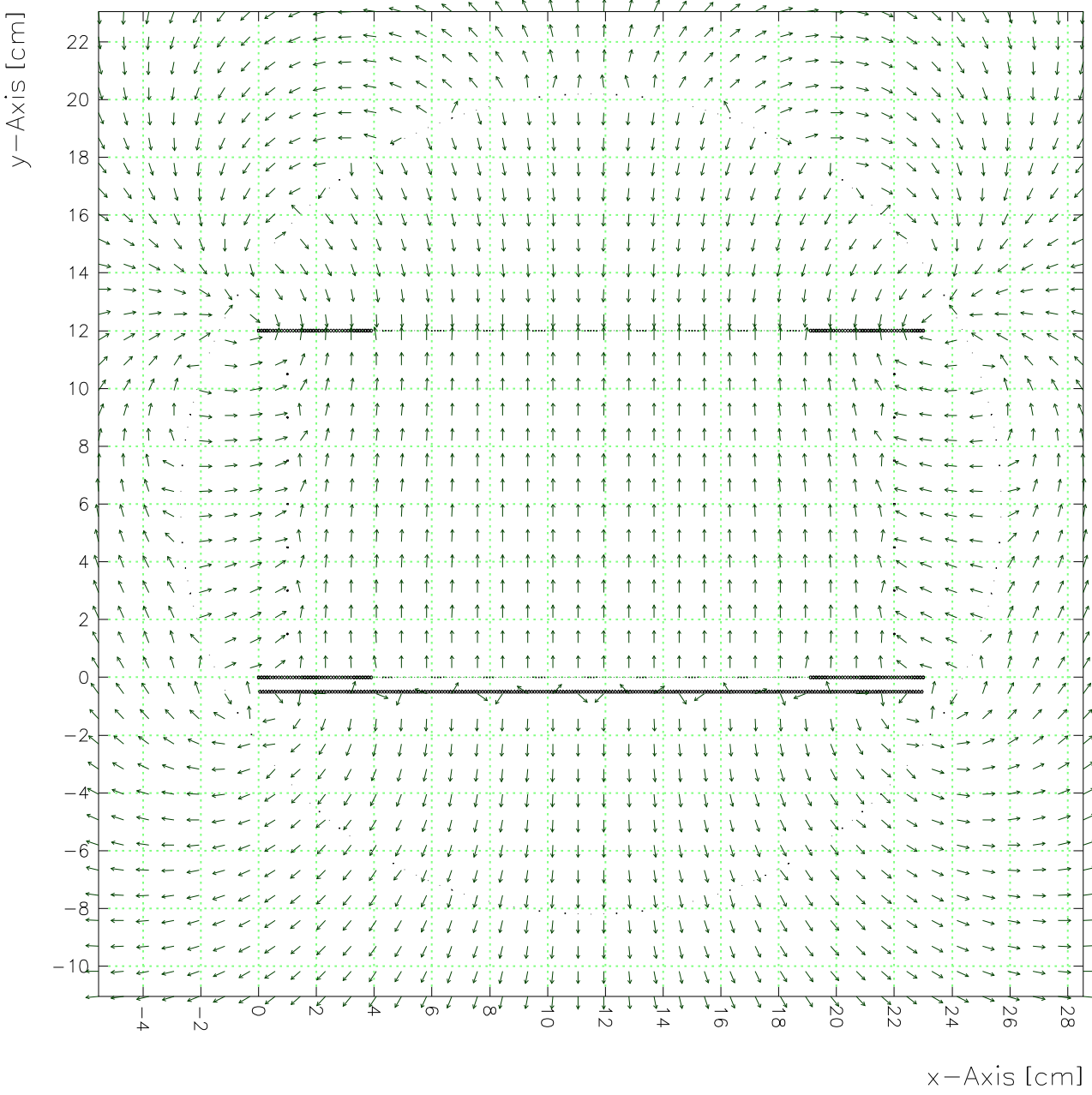
Plotted at 10:40:32 on 09/08/08 with Garfield version 7.24.

# Contours of V

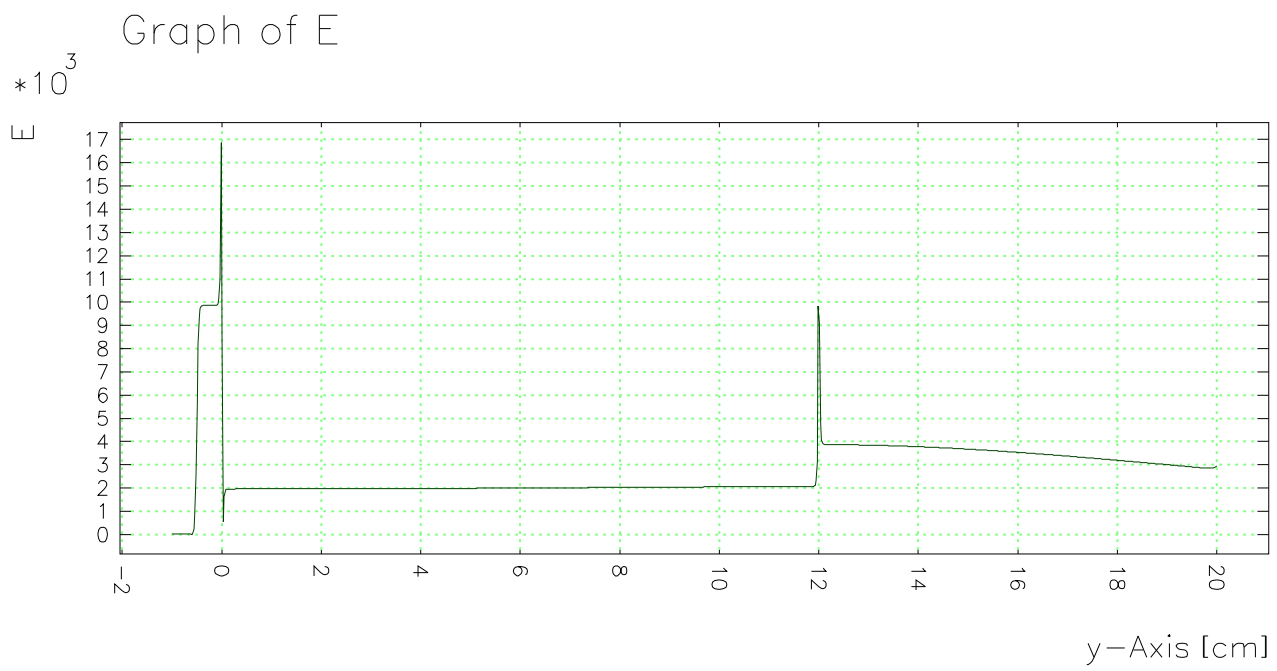
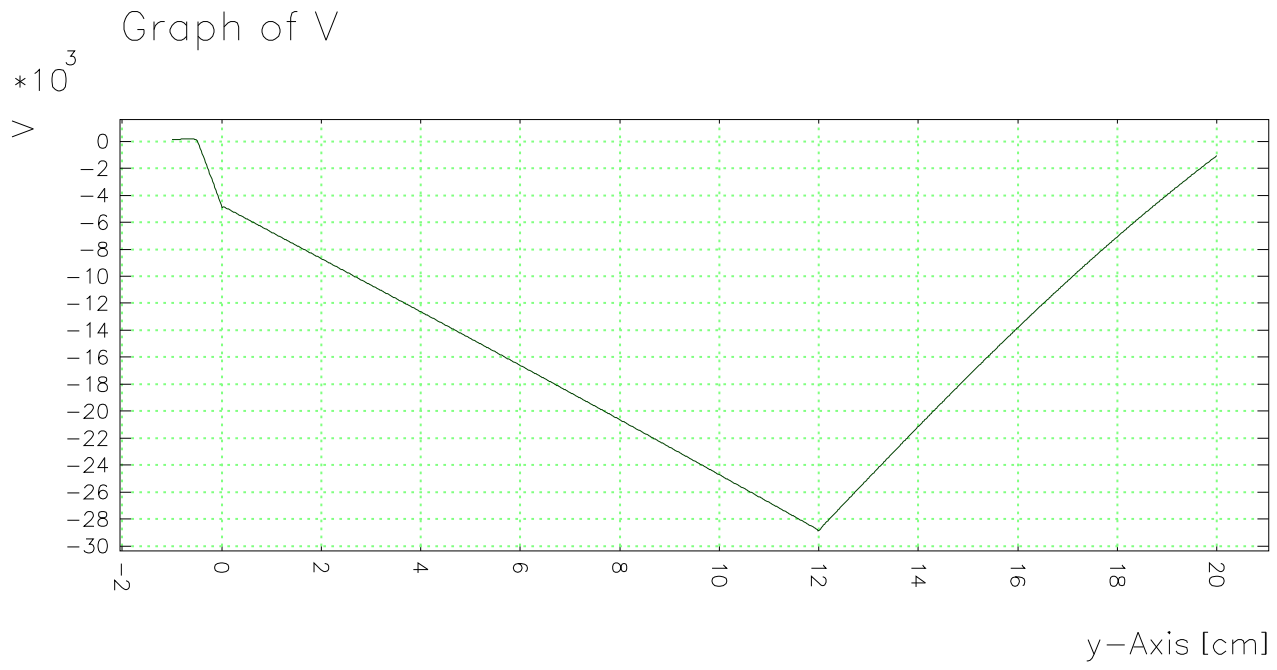


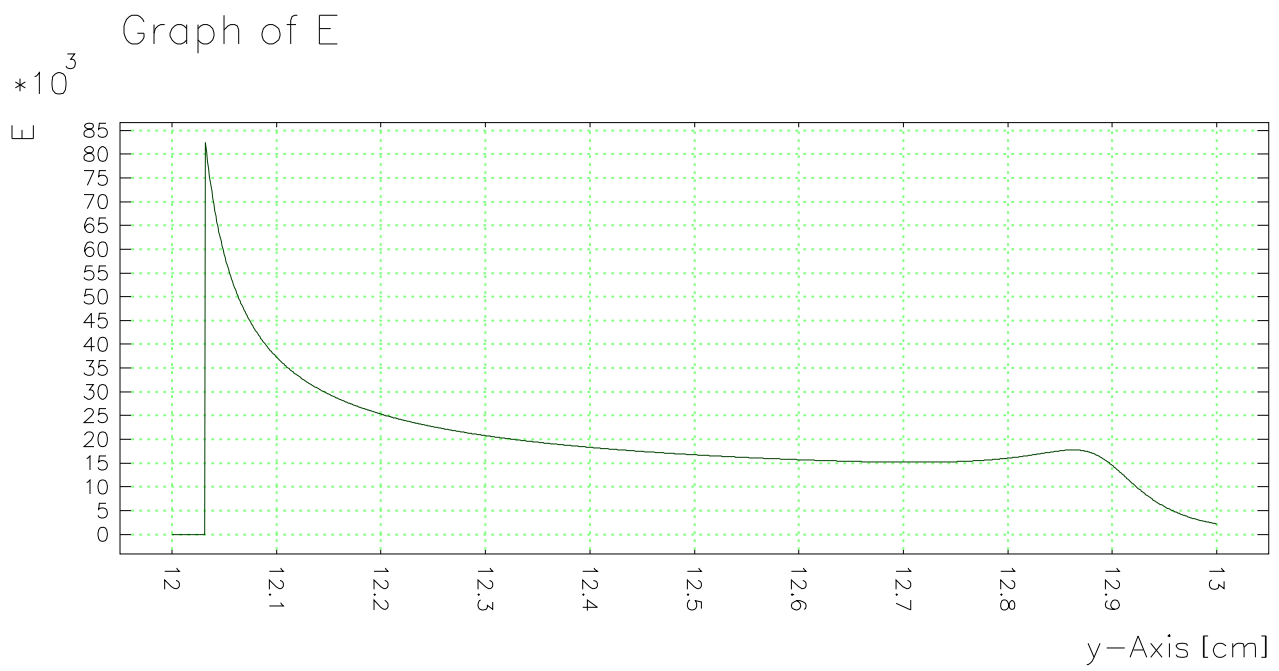
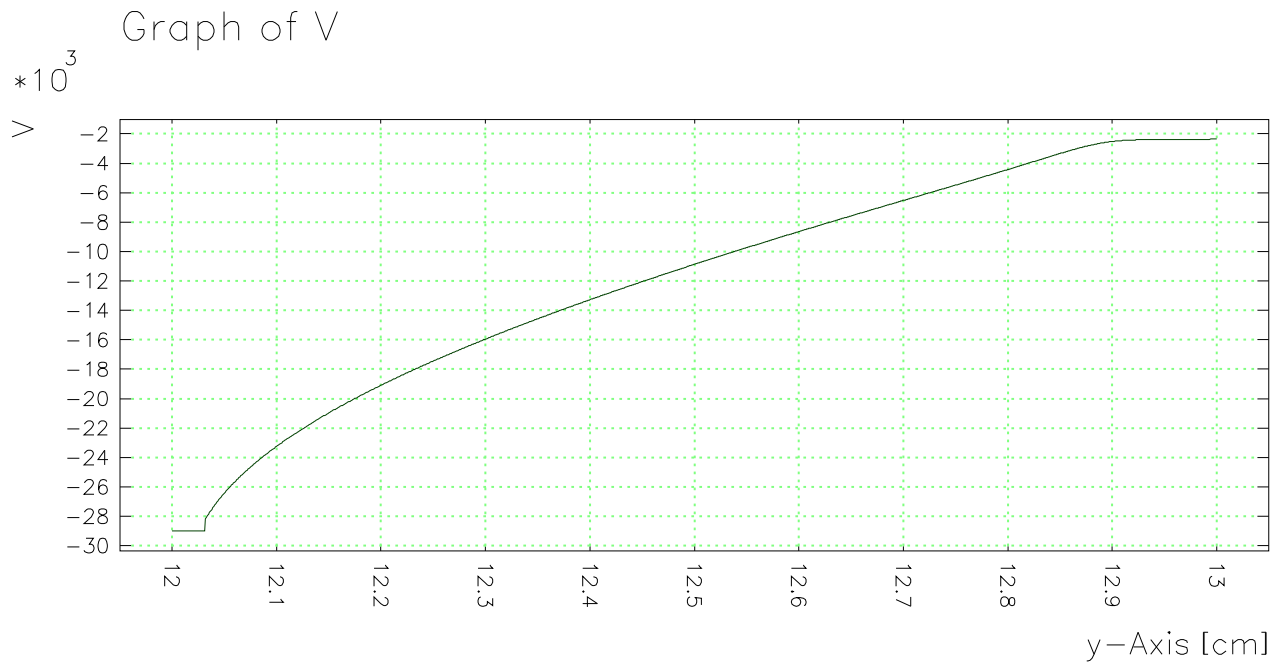
Plotted at 10.40.41 on 09/08/08 with Garfield version 7.24.

Vector plot of EX,EY,EZ

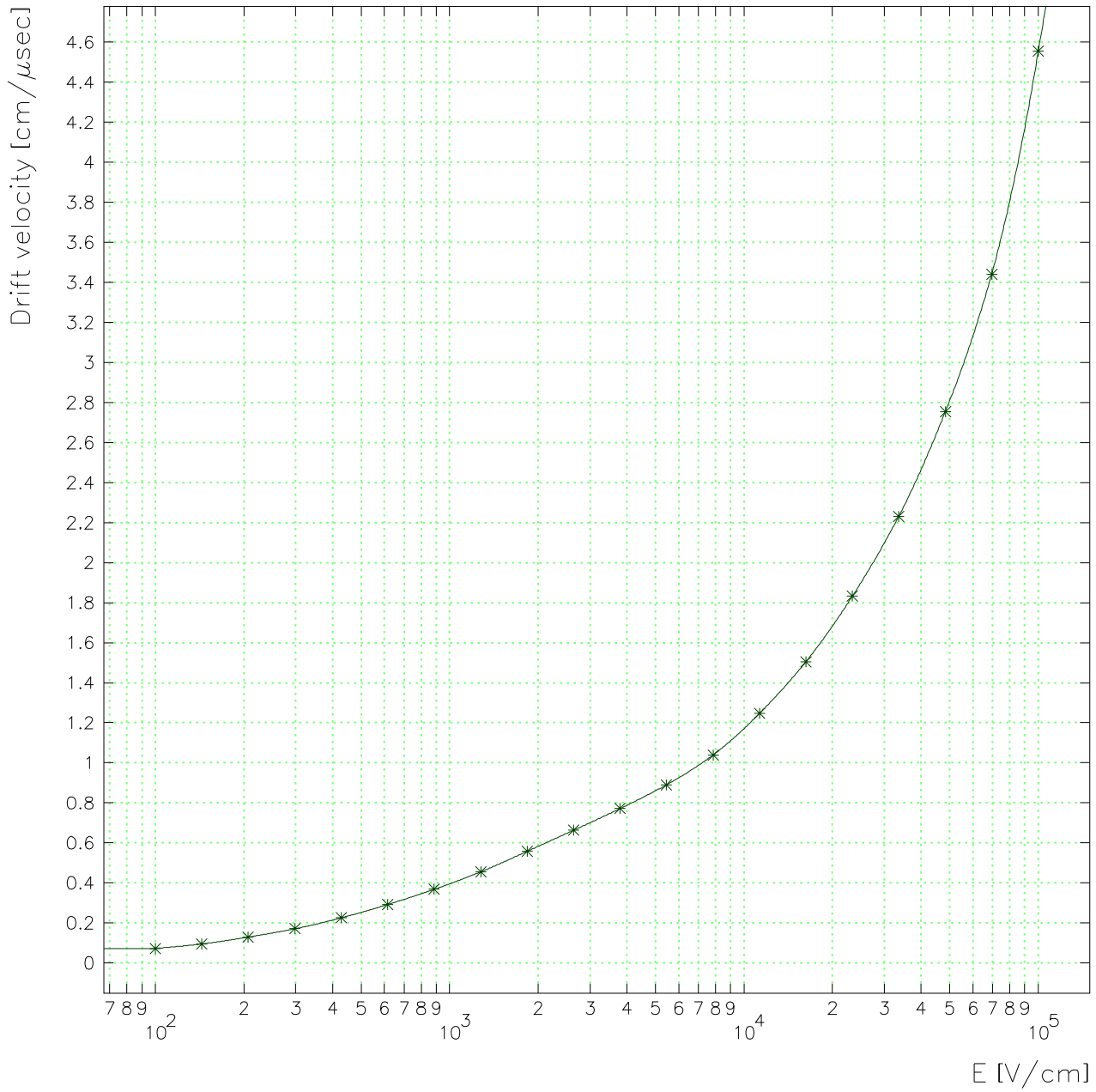


Plotted at 10.40.41 on 09/08/08 with Garfield version 7.24.



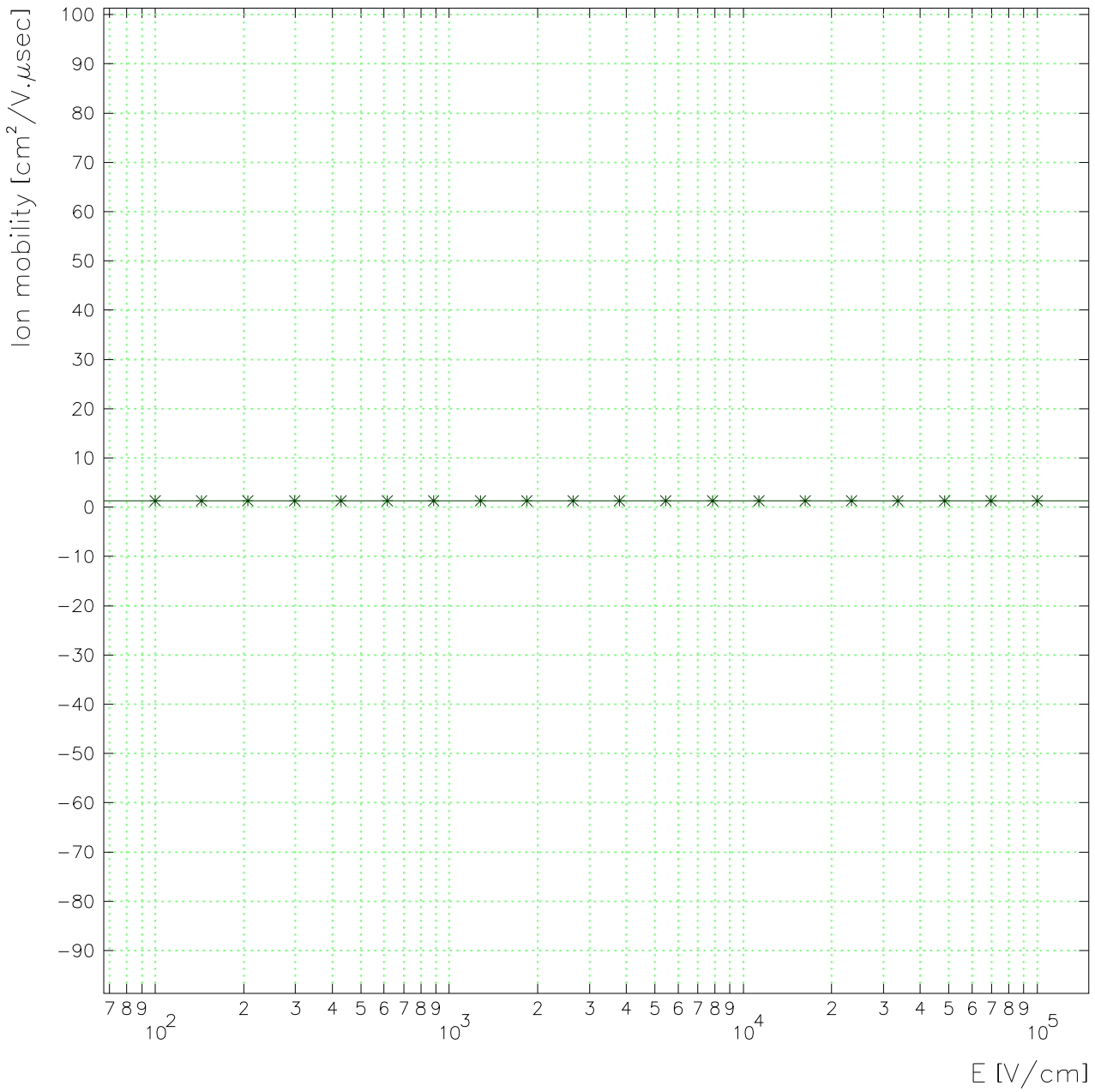


Drift velocity vs E  
Gas: H2 100%, T=300 K, p=9.86923 atm



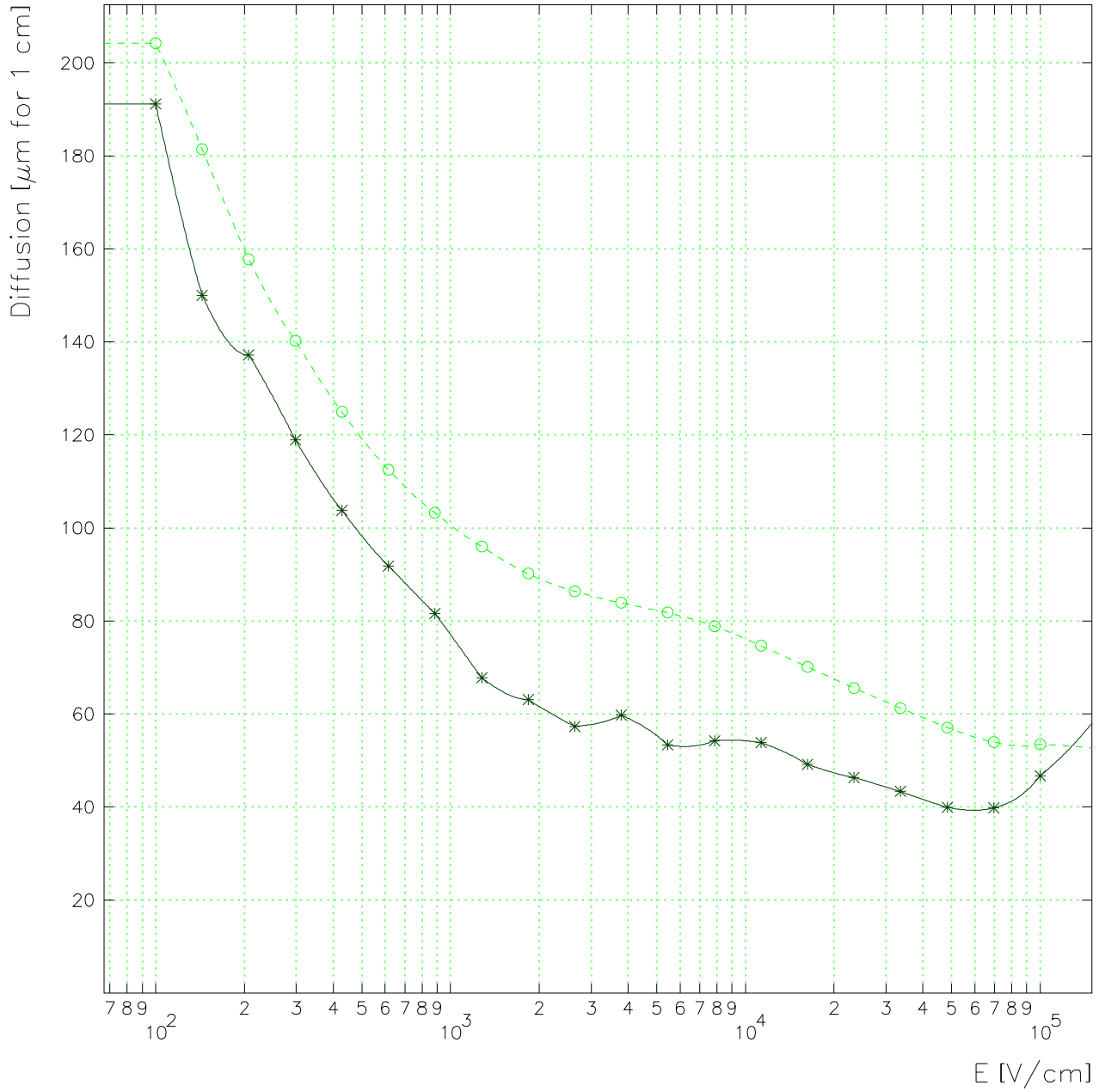
Plotted at 10:40:42 on 09/08/08 with Garfield version 7.24.

Ion mobility vs E  
Gas: H2 100%, T=300 K, p=9.86923 atm



Plotted at 10:40:42 on 09/08/08 with Garfield version 7.24.

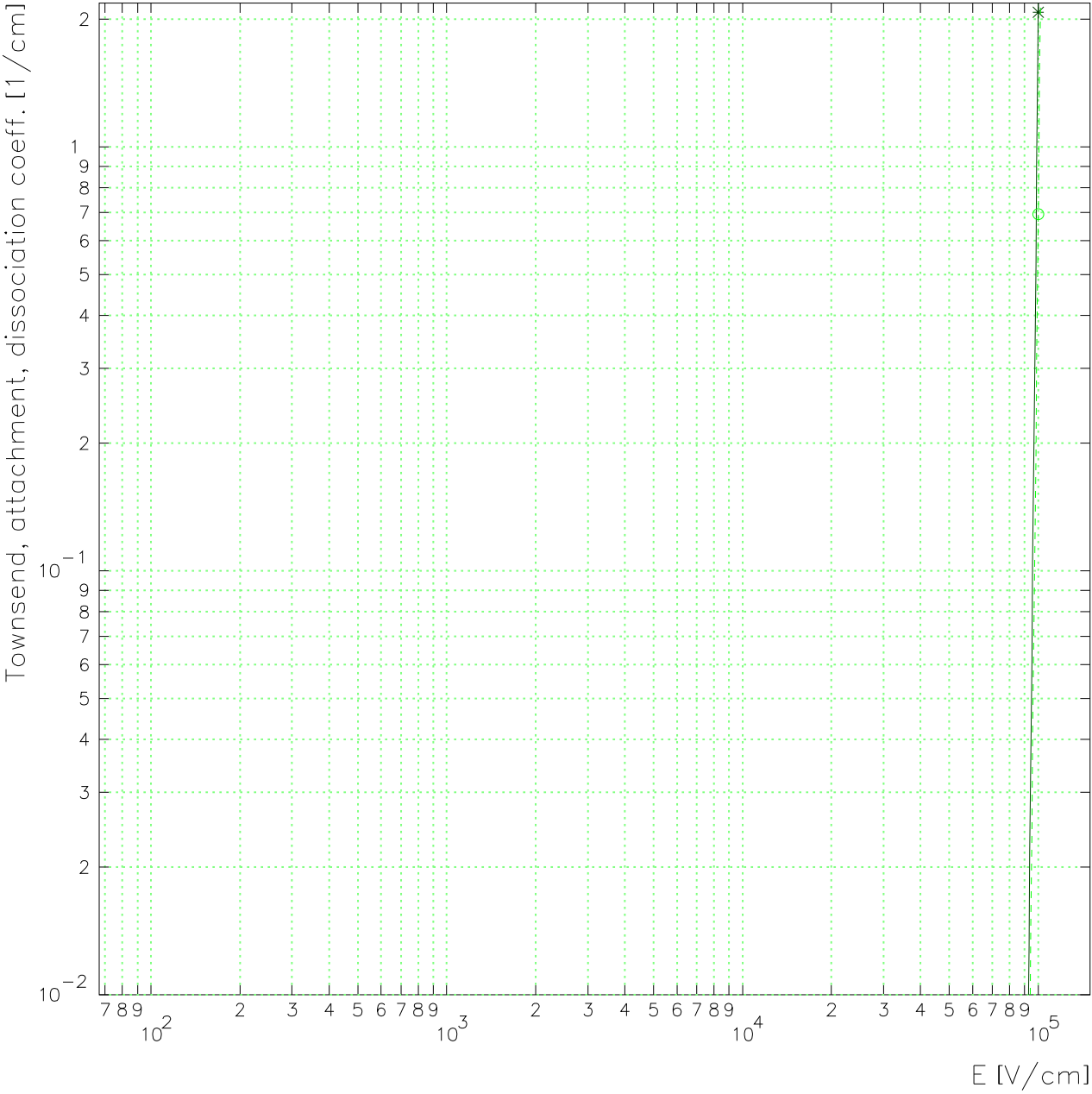
Diffusion coefficients vs E  
Gas: H2 100%, T=300 K, p=9.86923 atm



Plotted at 10.40.42 on 09/08/08 with Garfield version 7.24.



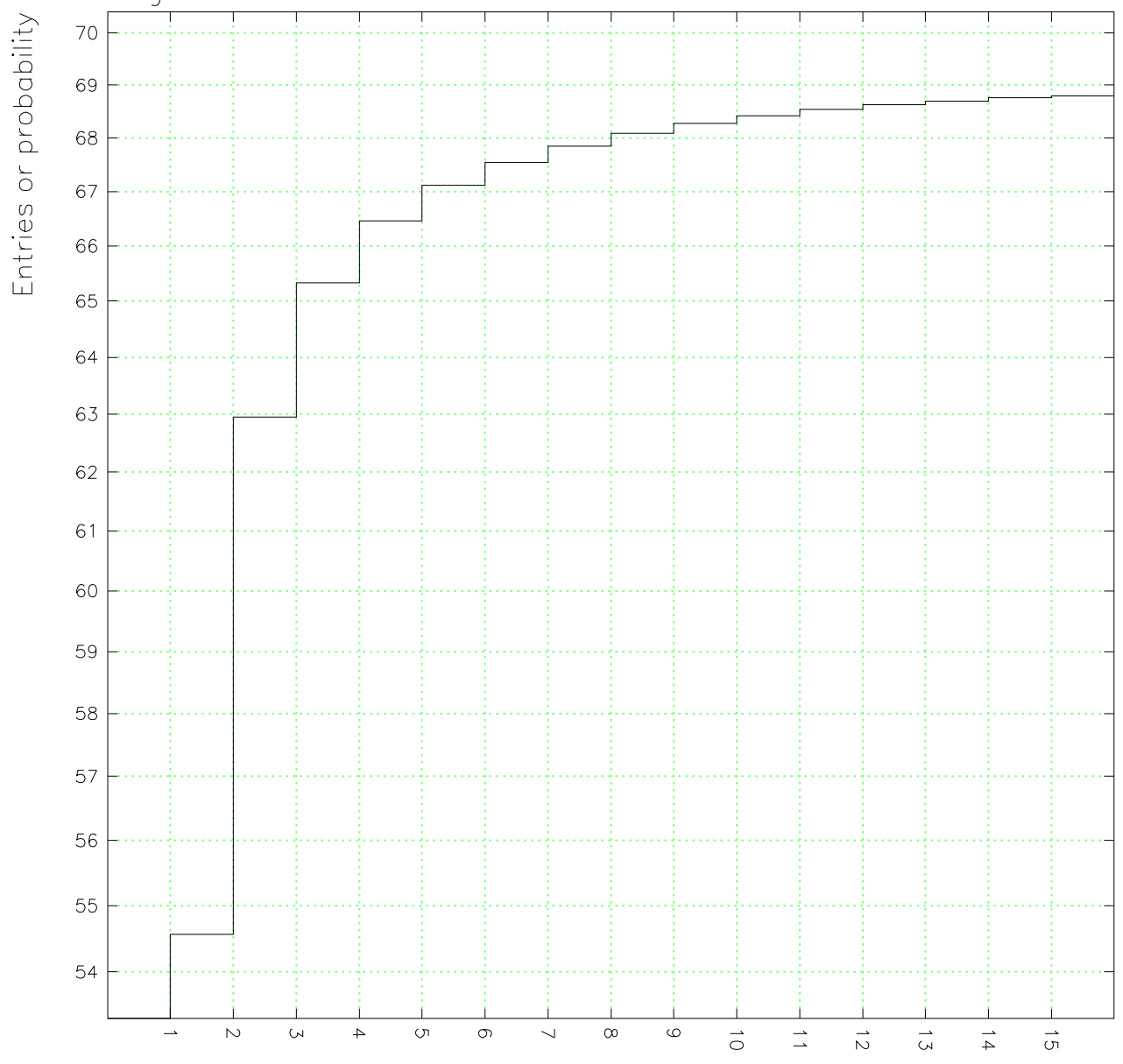
Townsend, attachment, dissociation coeff. vs E  
Gas: H2 100%, T=300 K, p=9.86923 atm



Plotted at 10.40.42 on 09/08/08 with Garfield version 7.24.

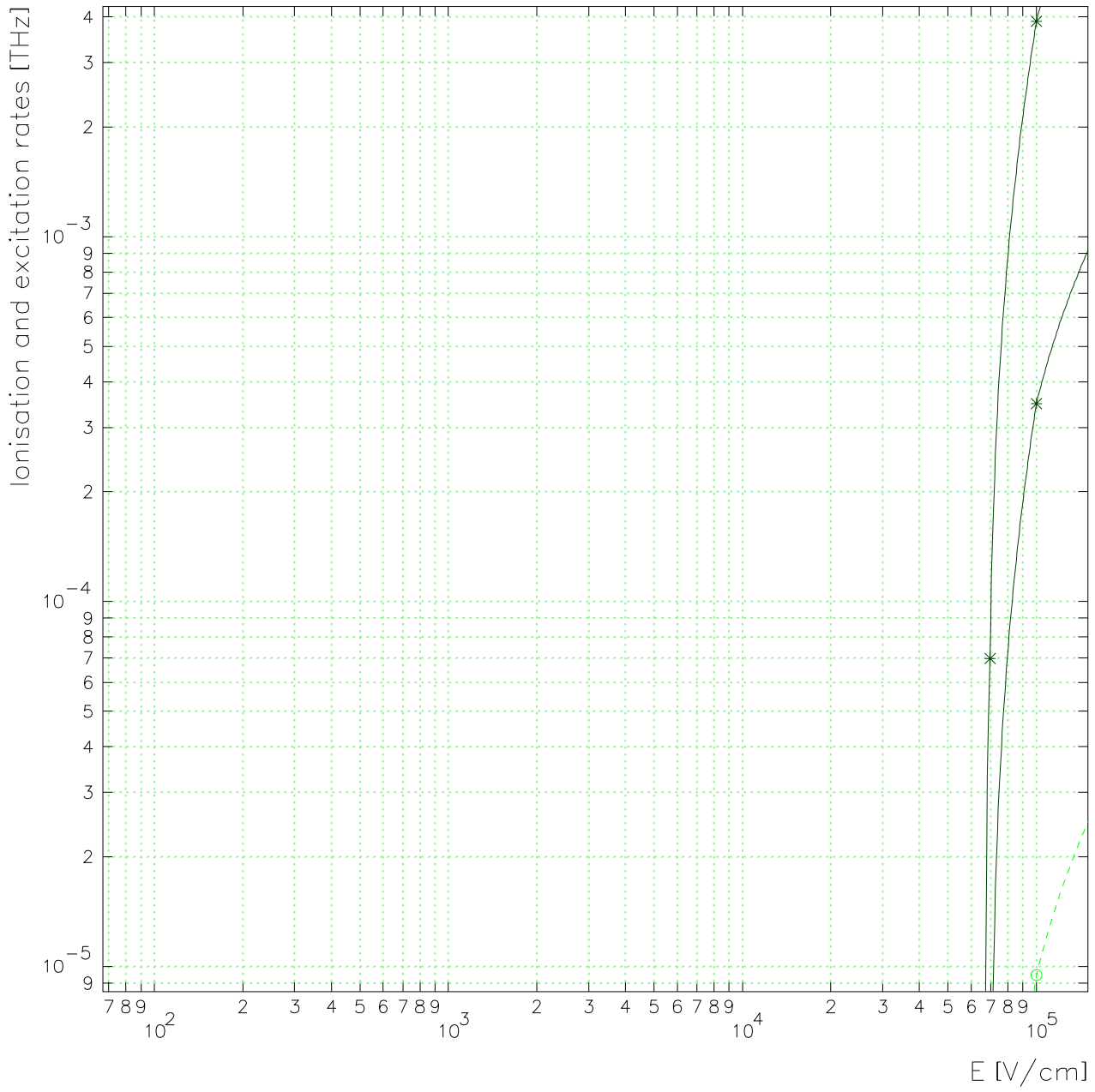
# Cluster size distribution

Gas: H2 100%, T=300 K, p=9.86923 J/m<sup>3</sup>, U=0, in: 1, over: 0  
Origin: TABLE



Plotted at 10.40.42 on 09/08/08 with Garfield version 7.24.

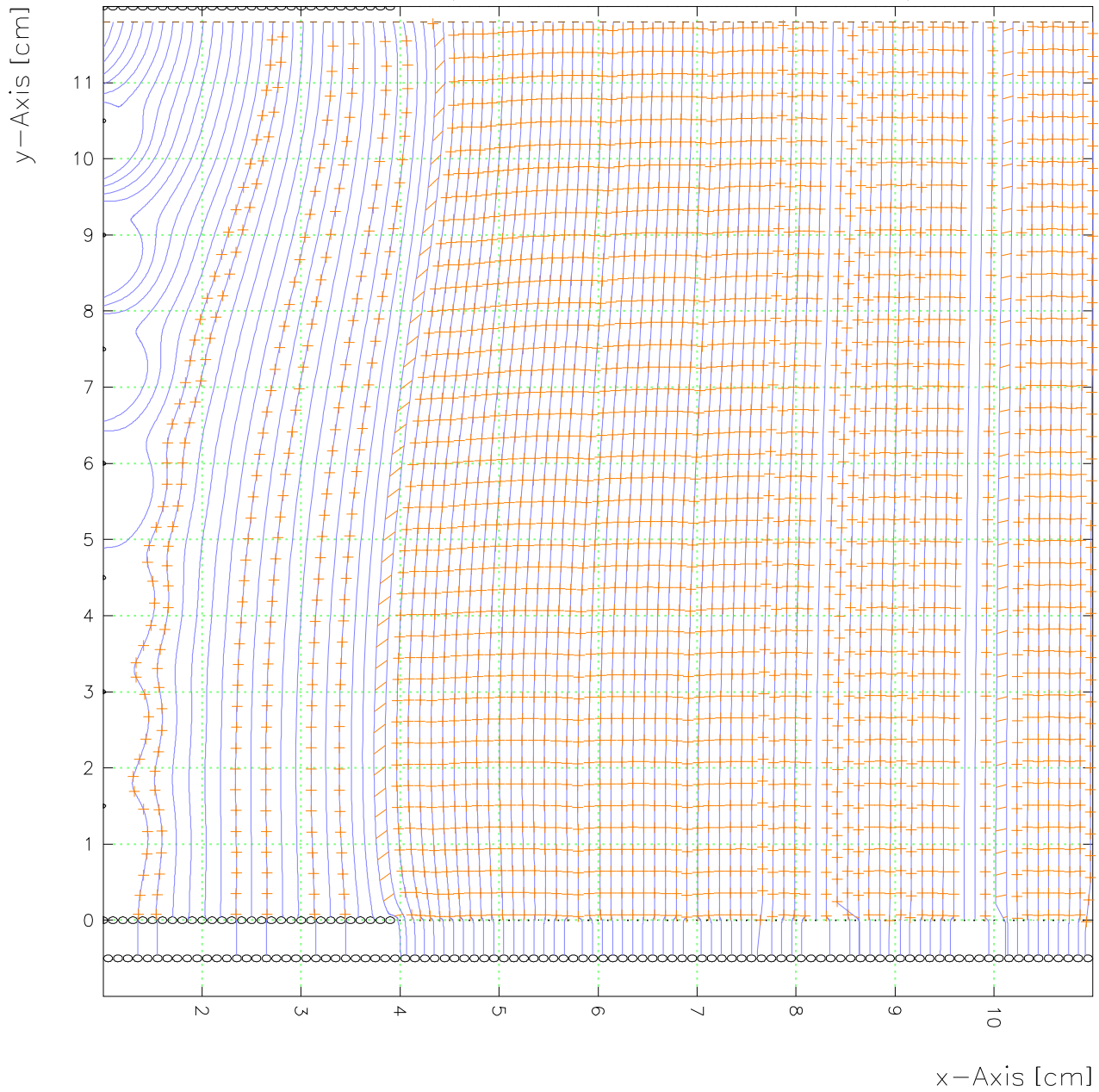
Ionisation and excitation rates  
Gas: H2 100%, T=300 K, p=9.86923 atm



Plotted at 10.40.42 on 09/08/08 with Garfield version 7.24.

# Electron drift lines from a track

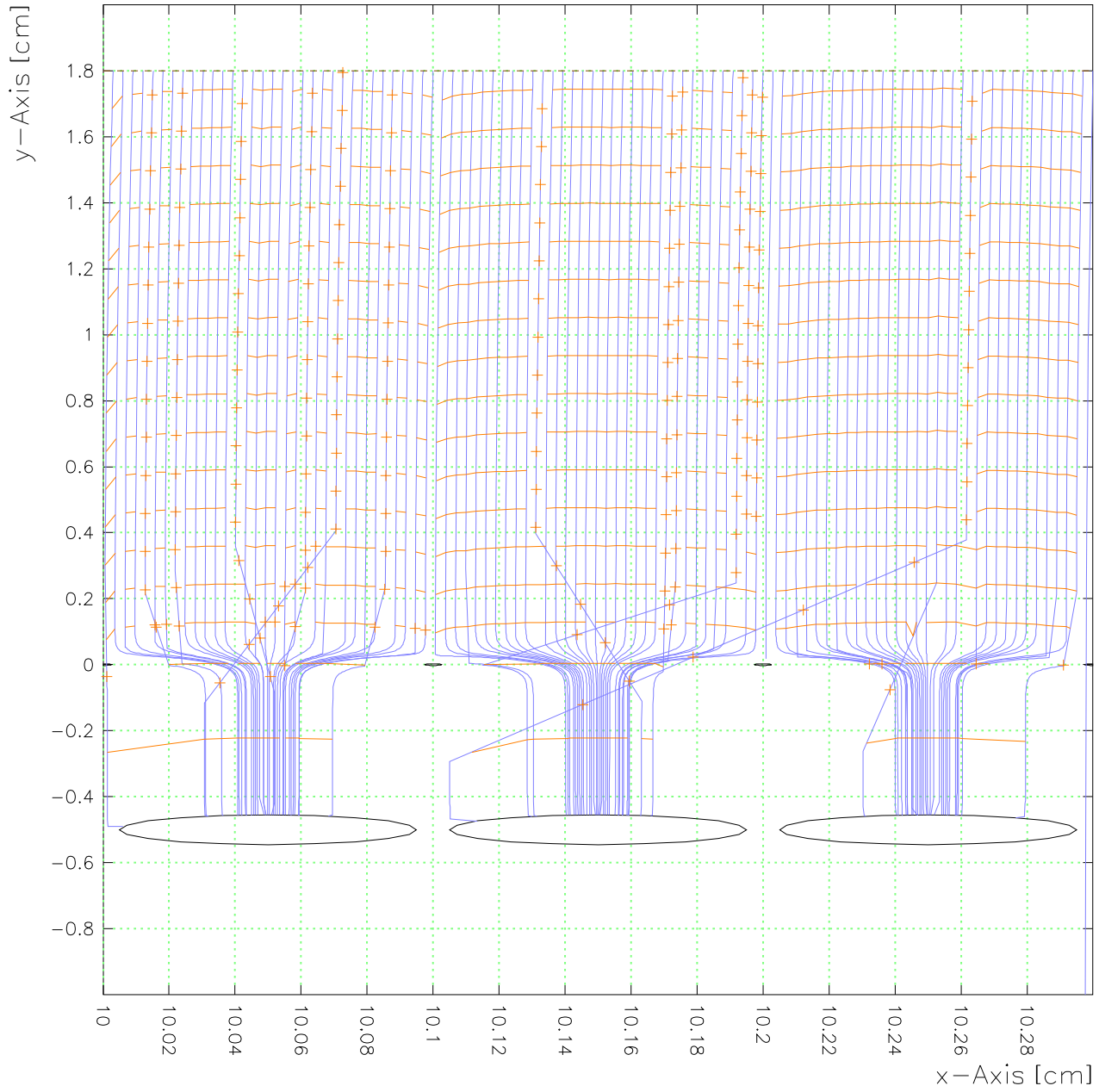
Gas: H2 100%, T=300 K, p=9.86923 Torr  
Particle: 100 equally spaced points  
synchron interval: 0.5 [μsec]



Plotted at 10.40.44 on 09/08/08 with Garfield version 7.24.

# Electron drift lines from a track

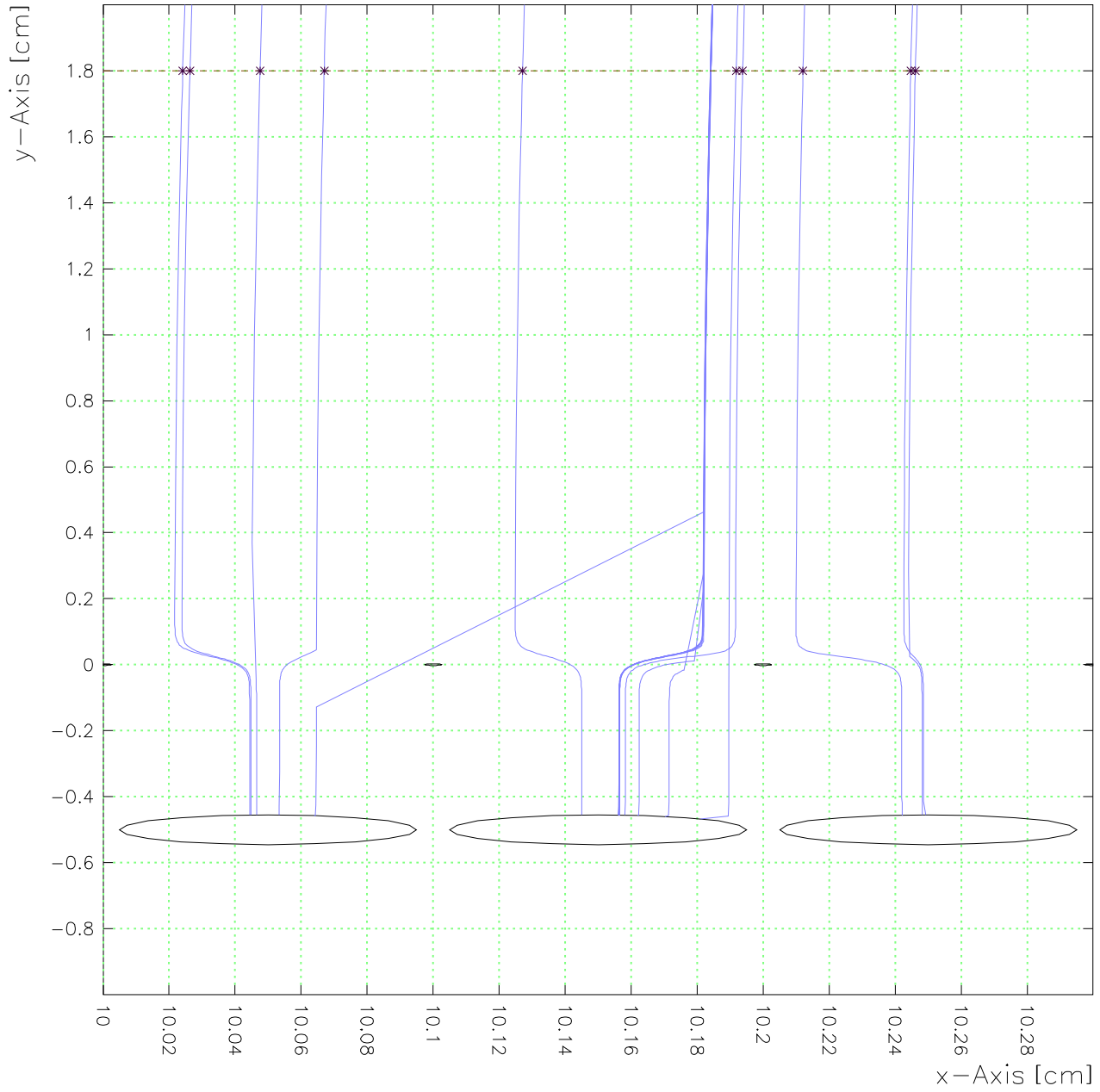
Gas: H2 100%, T=300 K, p=9.86923 Torr  
Particle: 100 equally spaced points  
synchron interval: 0.2 [μsec]



Plotted at 10.40.51 on 09/08/08 with Garfield version 7.24.

# Track, clusters and drift lines

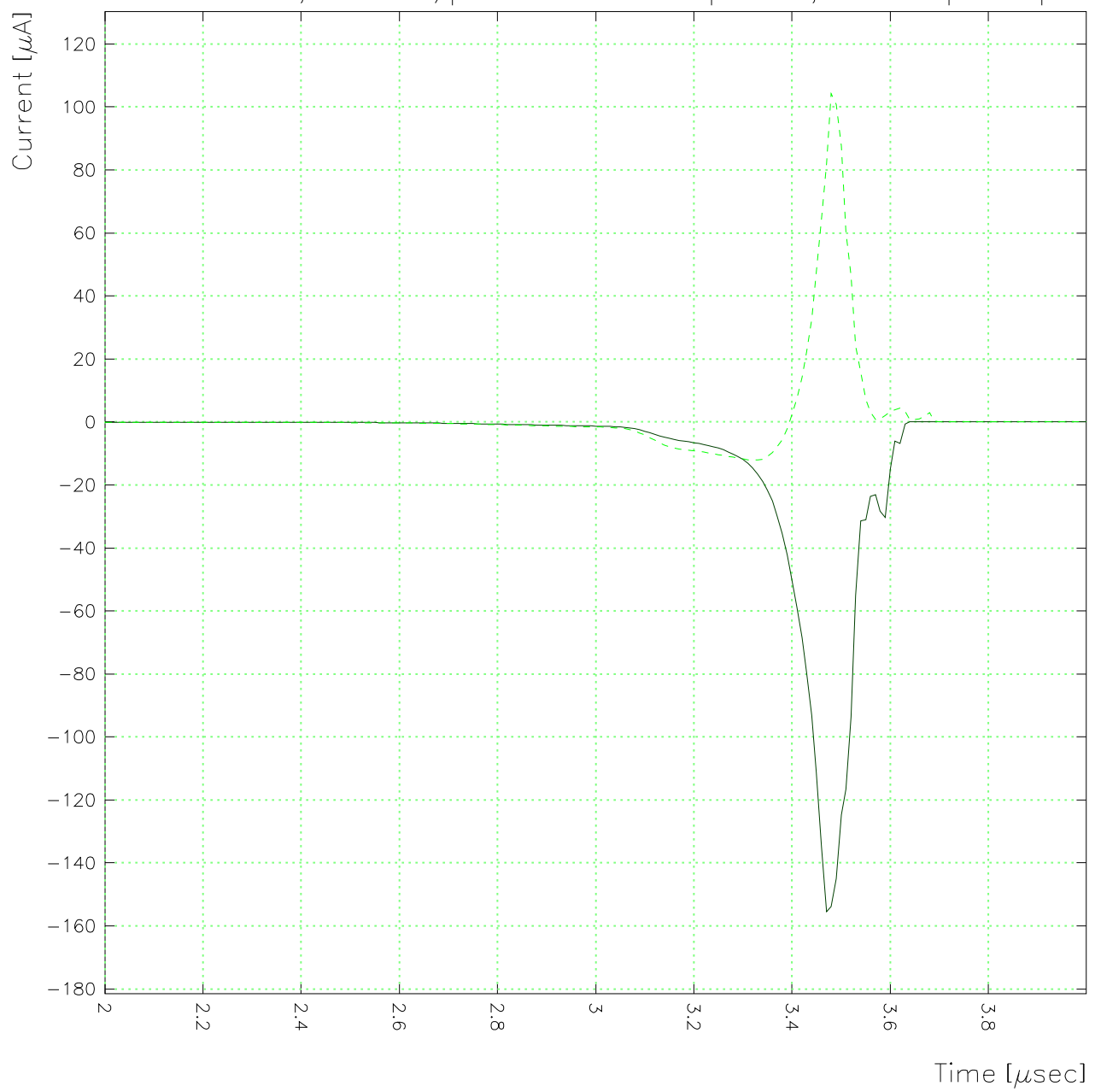
Gas: H2 100%, T=300 K, p=9.86923 atm Particle:  $\mu^-$ , Ekin=10 GeV



Plotted at 10.41.22 on 09/08/08 with Garfield version 7.24.

# Induced currents on group 1

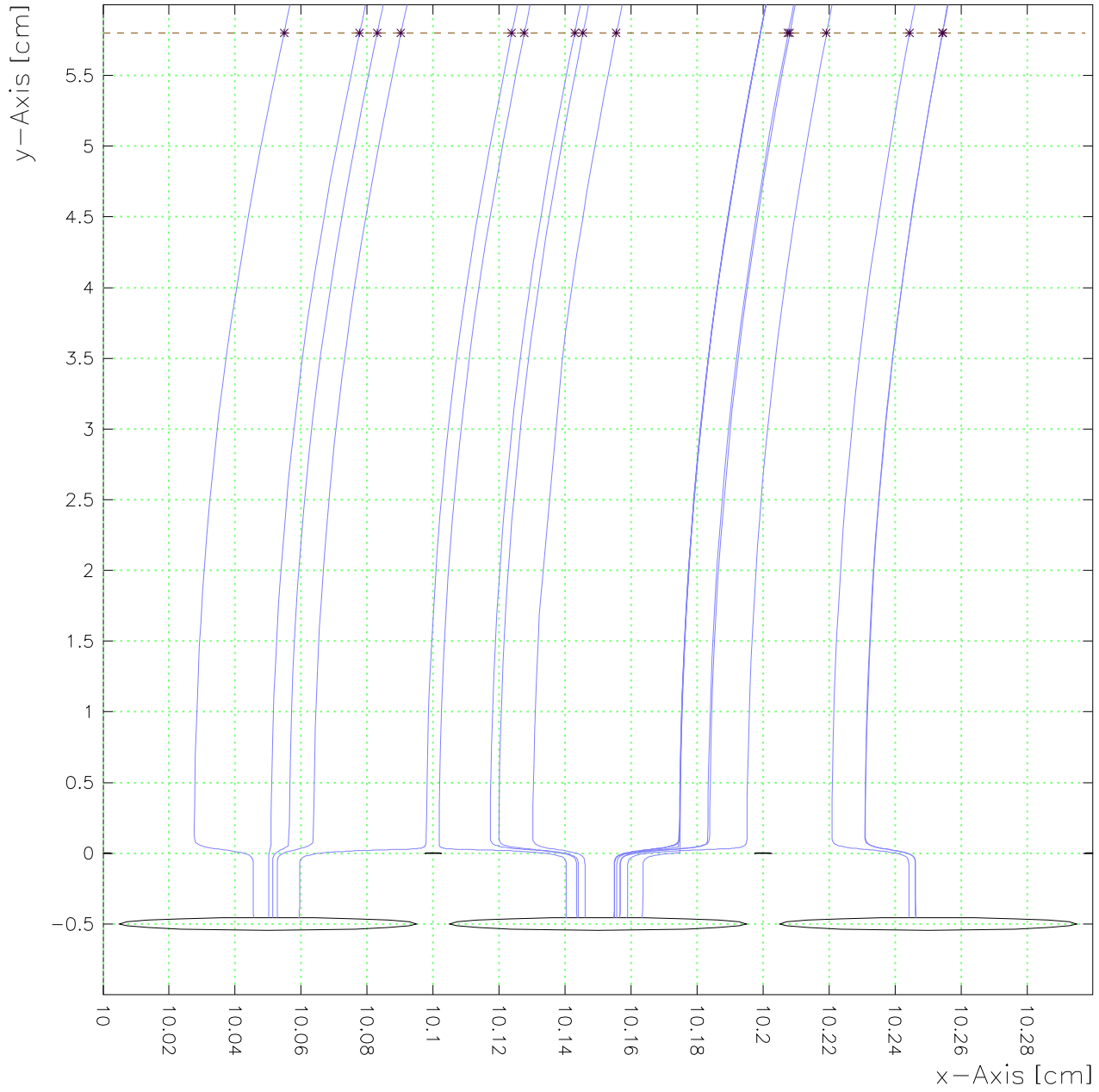
Particle:  $\mu^-$ ,  $E_{kin}=10$  GeV  
Gas: H2 100%, T=300 K, p=9.86923 atm  
attribution: present, electron pulse: present



Plotted at 10.41.27 on 09/08/08 with Garfield version 7.24.

# Track, clusters and drift lines

Gas: H2 100%, T=300 K, p=9.86923 atm Particle:  $\mu^-$ , Ekin=10 GeV

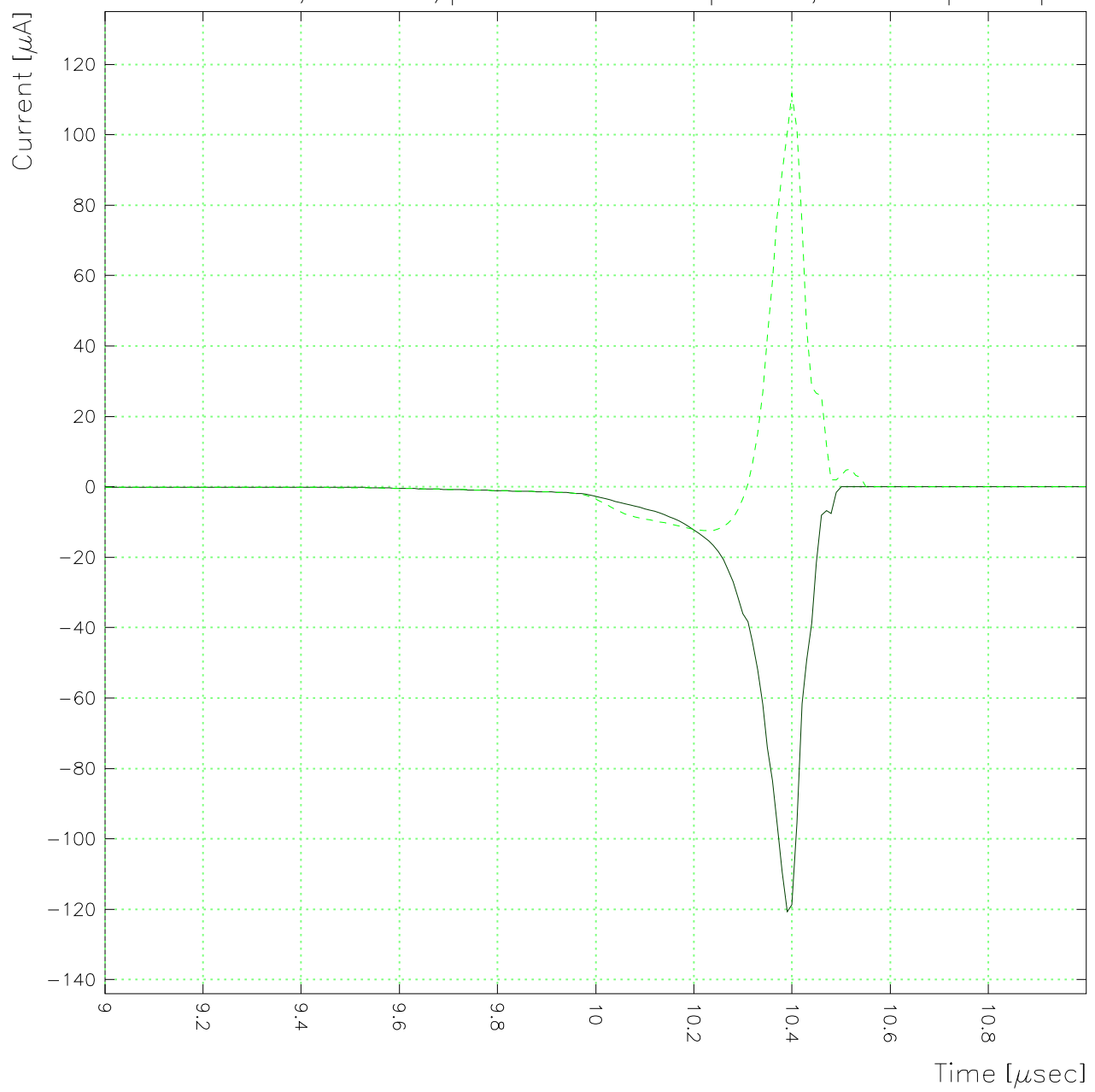


Plotted at 10.41.29 on 09/08/08 with Garfield version 7.24.



# Induced currents on group 1

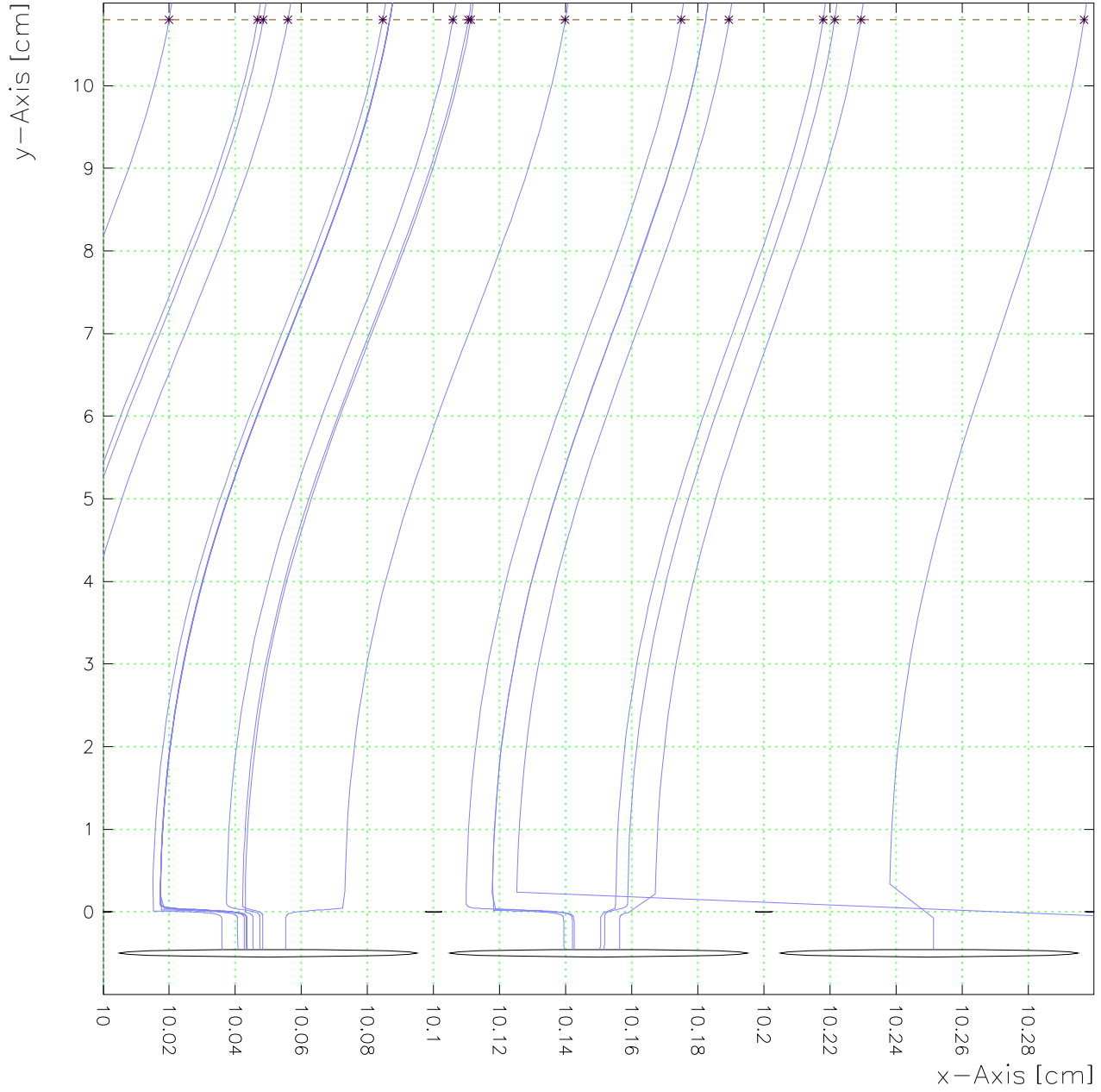
Particle:  $\mu^-$ ,  $E_{kin}=10$  GeV  
Gas: H2 100%, T=300 K, p=9.86923 atm  
at tail: present, electron pulse: present



Plotted at 10.41.35 on 09/08/08 with Garfield version 7.24.

# Track, clusters and drift lines

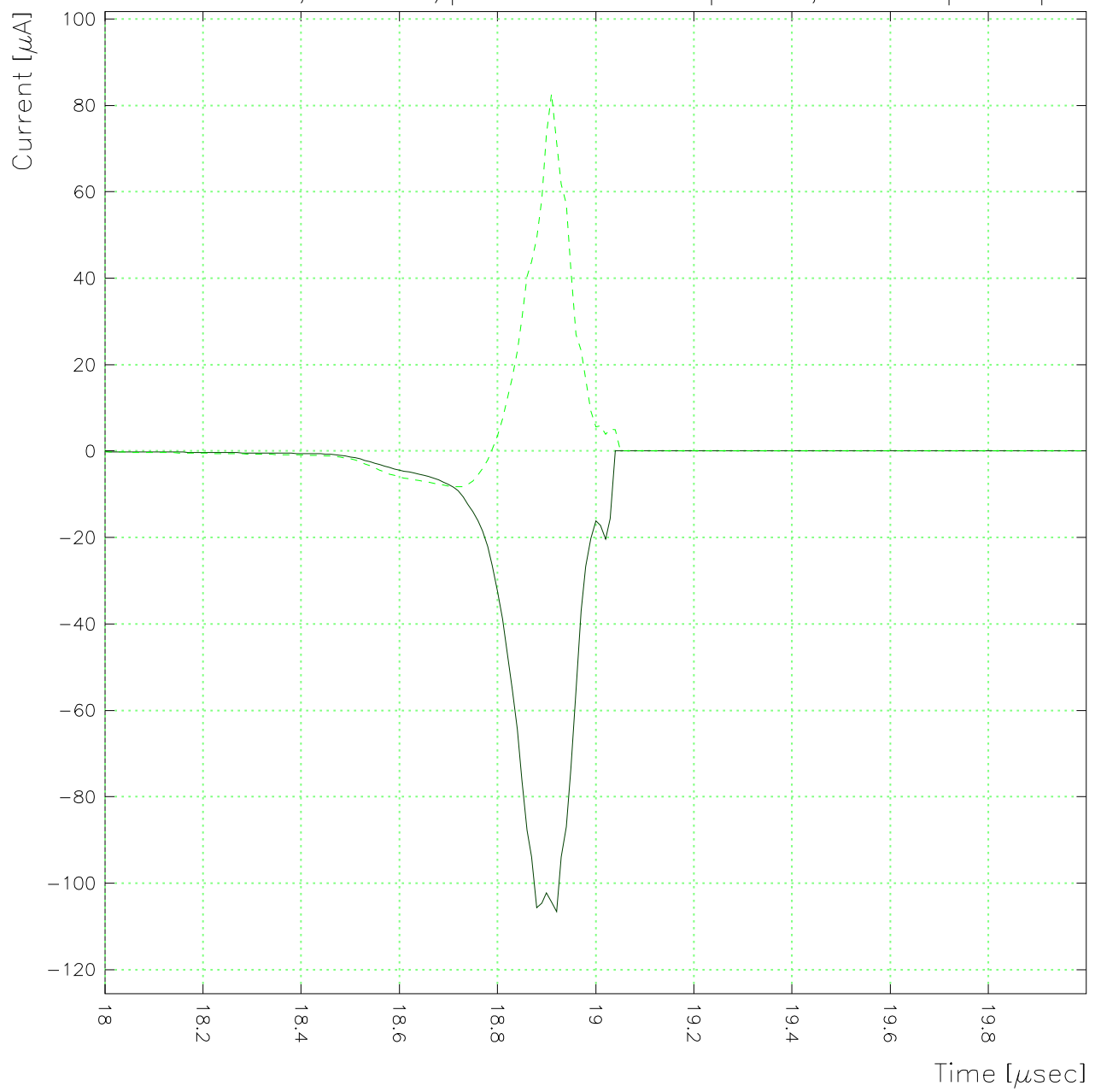
Gas: H2 100%, T=300 K, p=9.86923 atm  
Particle:  $\mu^-$ , Ekin=10 GeV



Plotted at 10.41.36 on 09/08/08 with Garfield version 7.24.

# Induced currents on group 1

Particle:  $\mu^-$ ,  $E_{kin}=10$  GeV  
Gas: H2 100%, T=300 K, p=9.86923 atm, trail: present, electron pulse: present



Plotted at 10.41.43 on 09/08/08 with Garfield version 7.24.