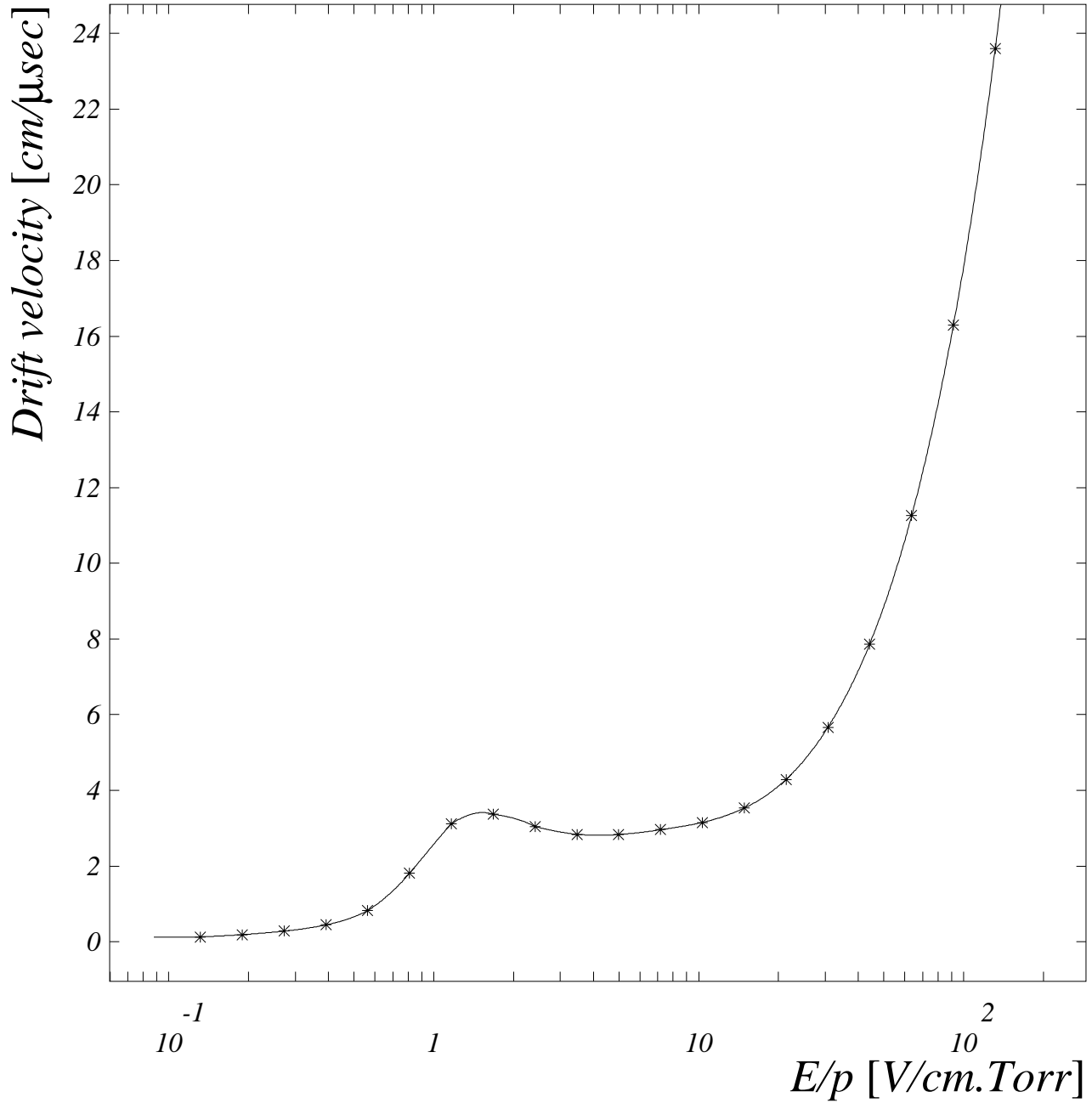


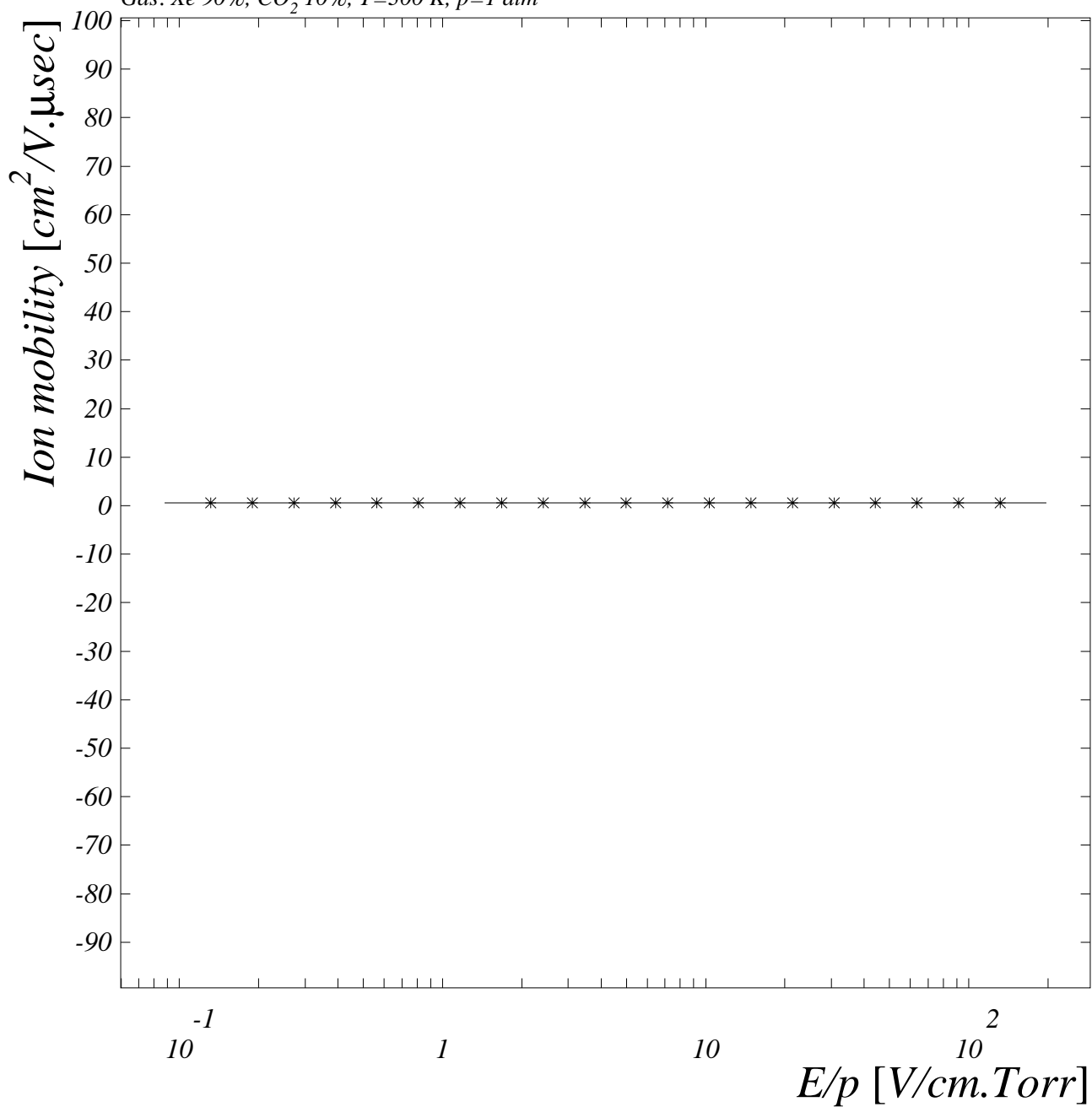
Drift velocity vs E/p

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm



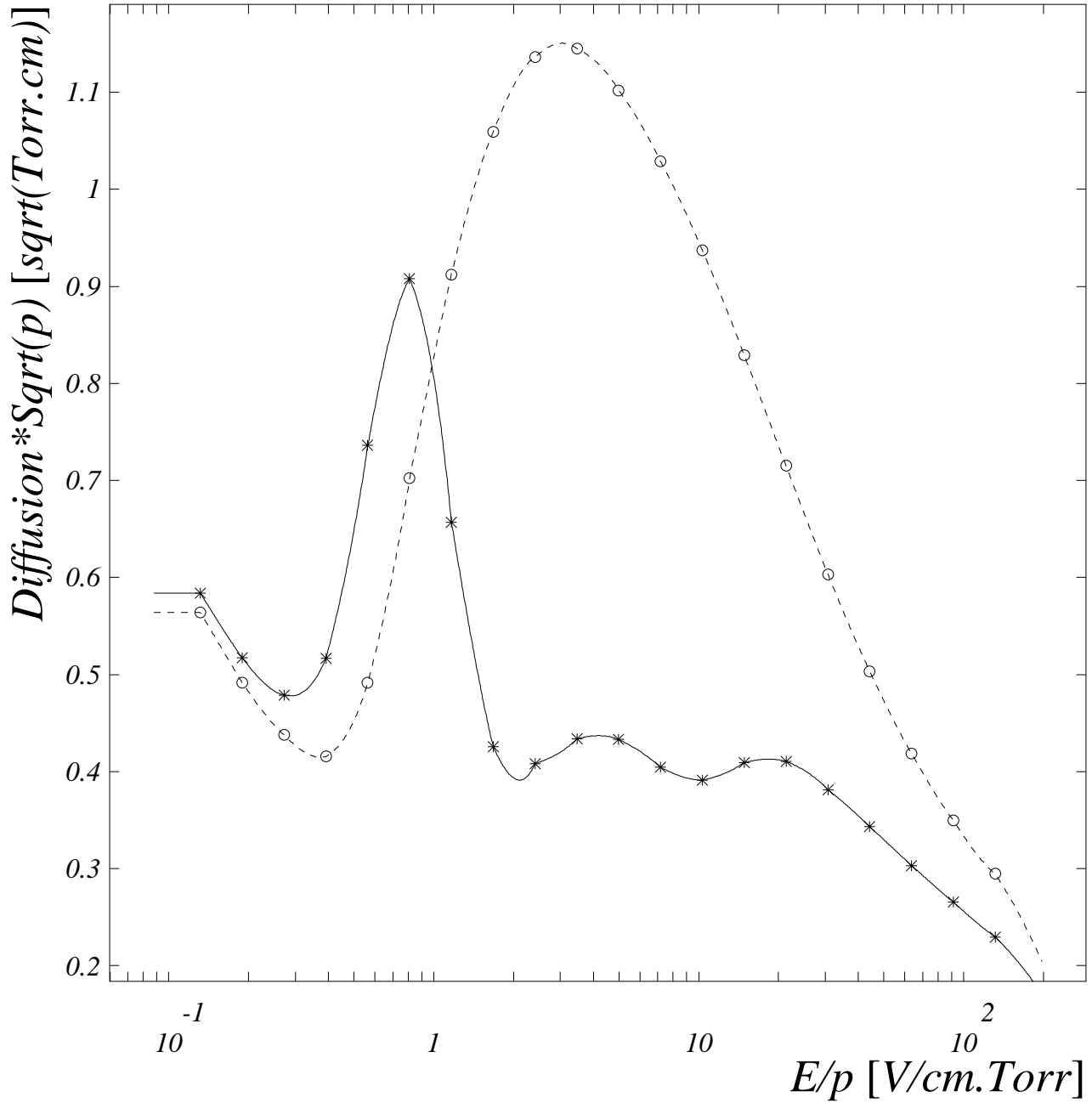
⁻⁶ Ion mobility vs E/p

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm



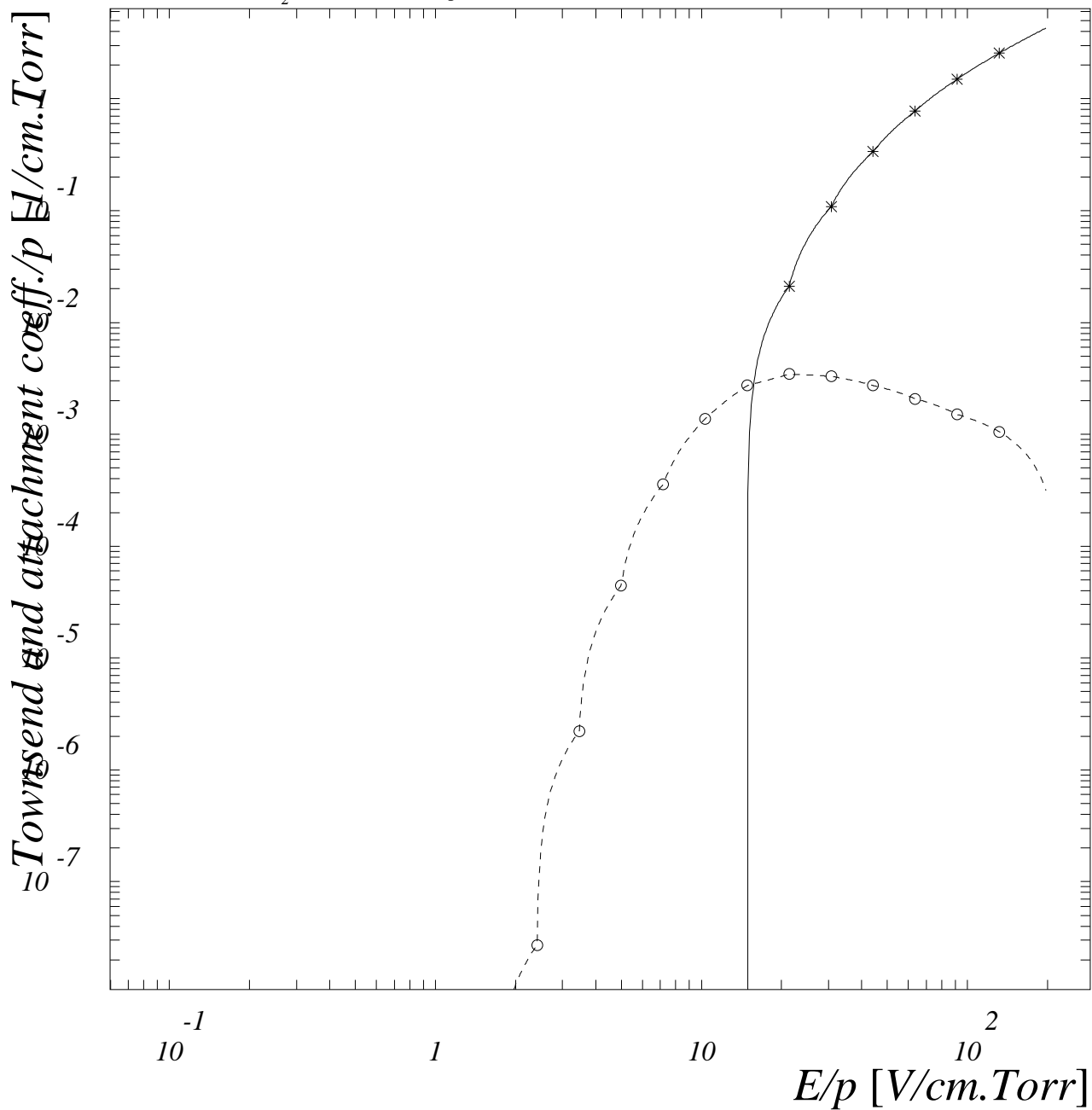
Diffusion coefficients vs E/p

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm



Townsend and attachment coeff. vs E/p

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm



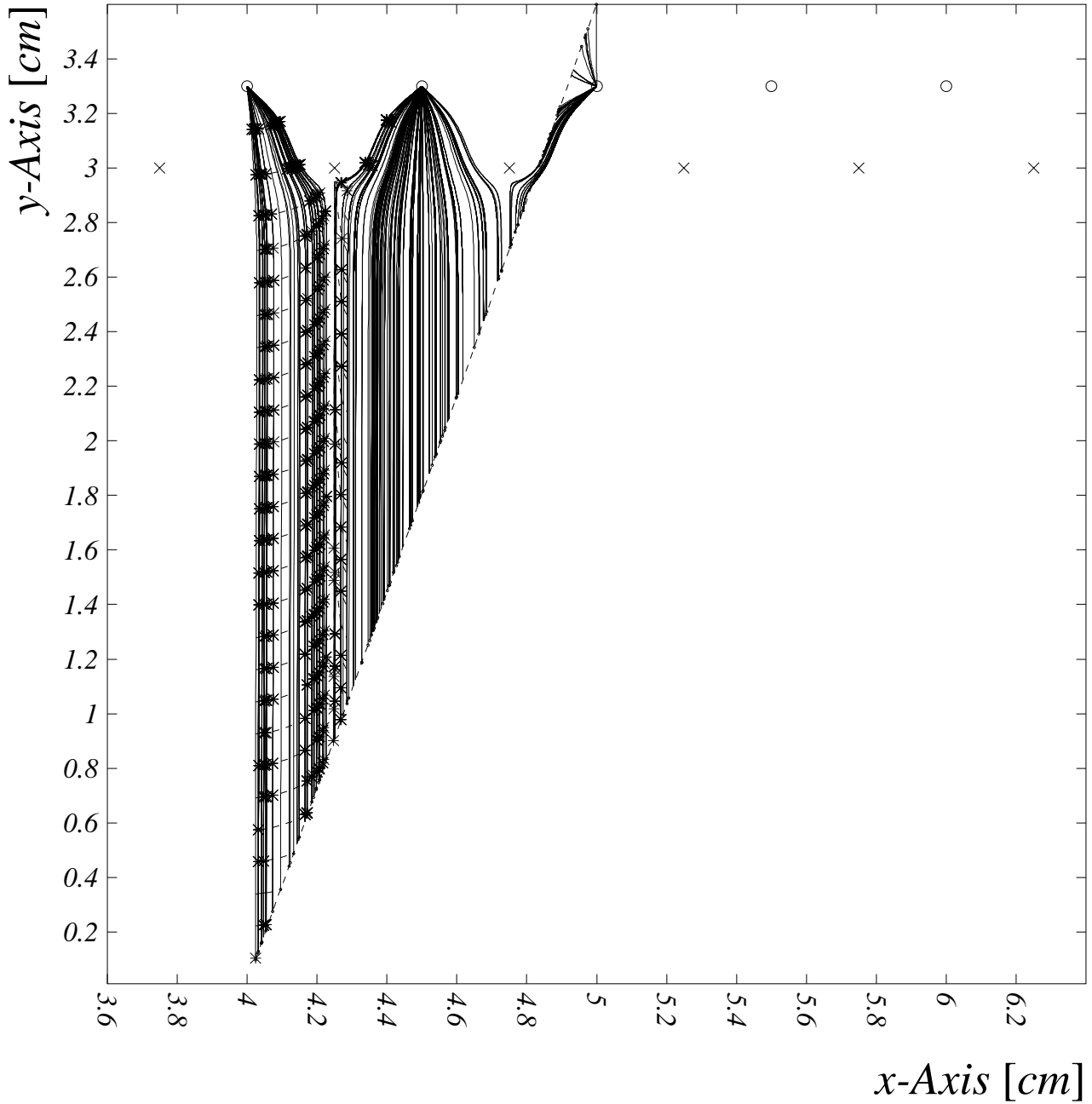
Electron drift lines from a track

Cell: TEC

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm

Particle: π^- , E_{kin}=2 GeV

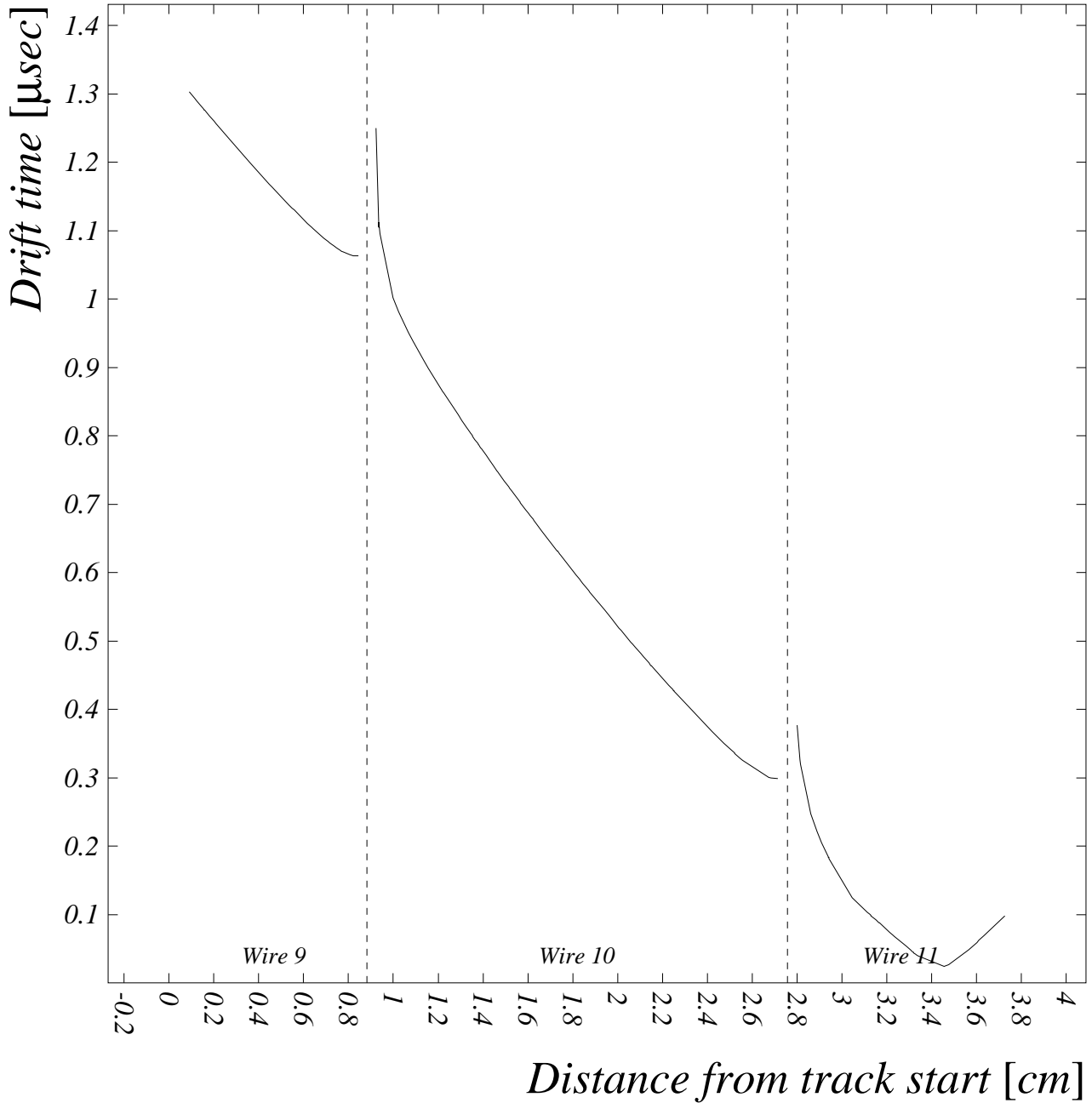
Isochrone interval: 0.05 [μ sec]



Drift time

Cell: TEC

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm



Electron drift lines from a wire

Cell: TEC

Gas: Xe 90%, CO₂ 10%, T=300 K, p=1 atm

Isochrone interval: 0.05 [μsec]

