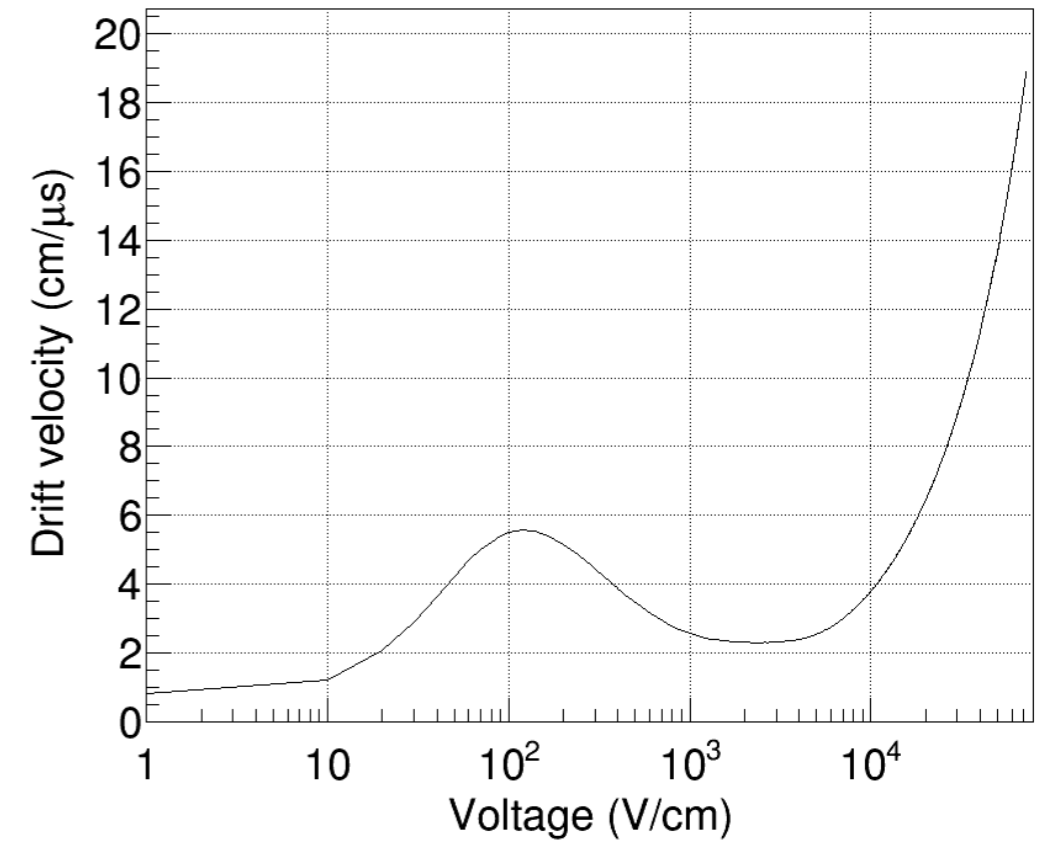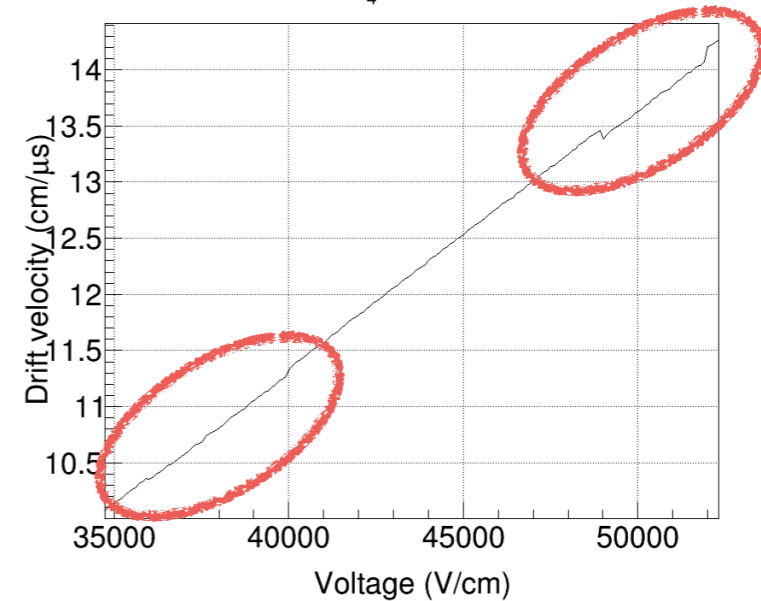# Status report

- GEM simulation
  - Magboltz2 calculation is done.
  - **Currently calculating diffusion inside drift volume.**

P10 (Ar 90% + CH$_4$ 10%) @ 20℃, 1 atm

- Slight mismatch of the velocity shown in the calculation.

P10 (Ar 90% + CH$_4$ 10%) @ 20℃, 1 atm

Status report

- HIMAC experiment & SπRITROOT

  - Writing new hit finding method
    (The method applies to HIMAC analysis and SπRITROOT.)

- Detail

  - HIMAC

    - tracking

    - beam profile

  - SπRITROOT

    - hit finding

UrQMD event hit display found by the method