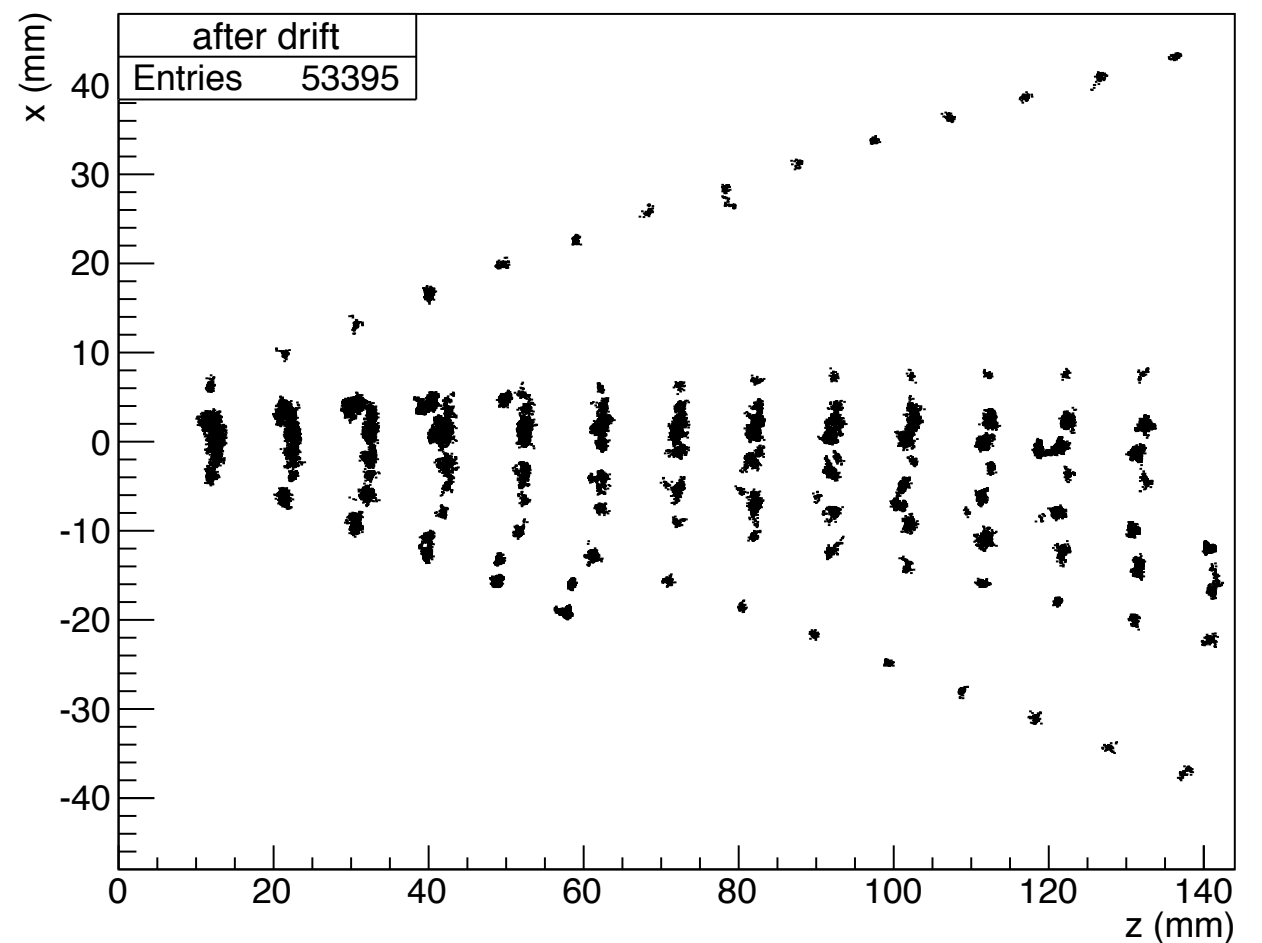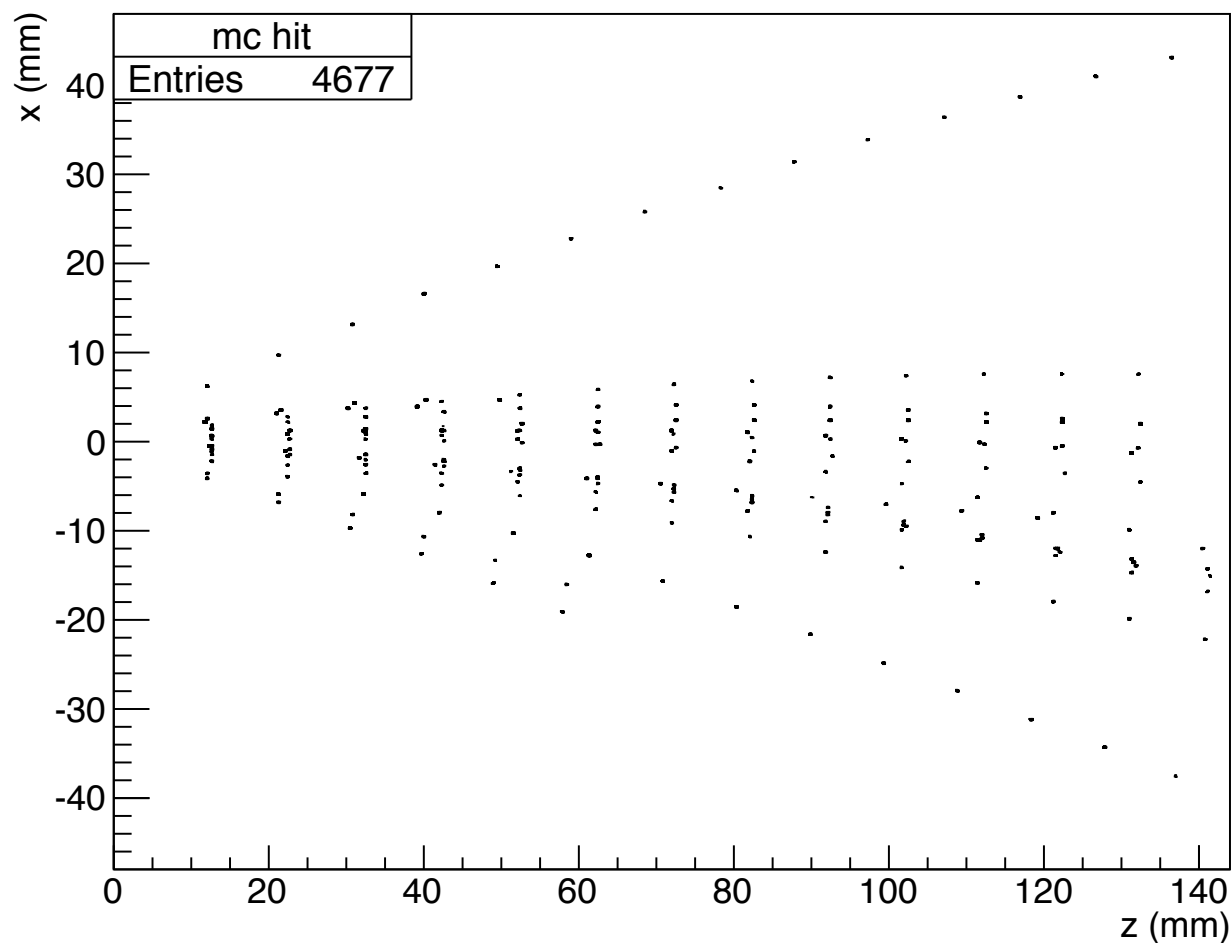# TPC

SPiRITROOT Digi

- MC is still unstable, but enough to test digitization tasks.

- Ionization and Drifting of electron is well simulated.
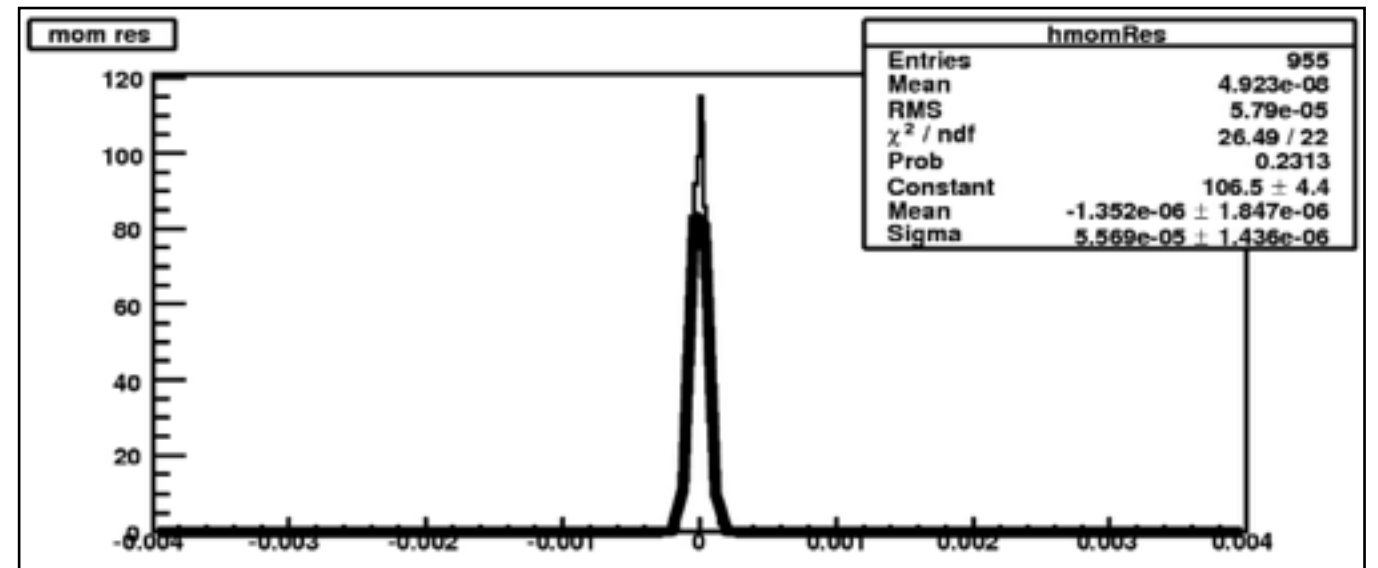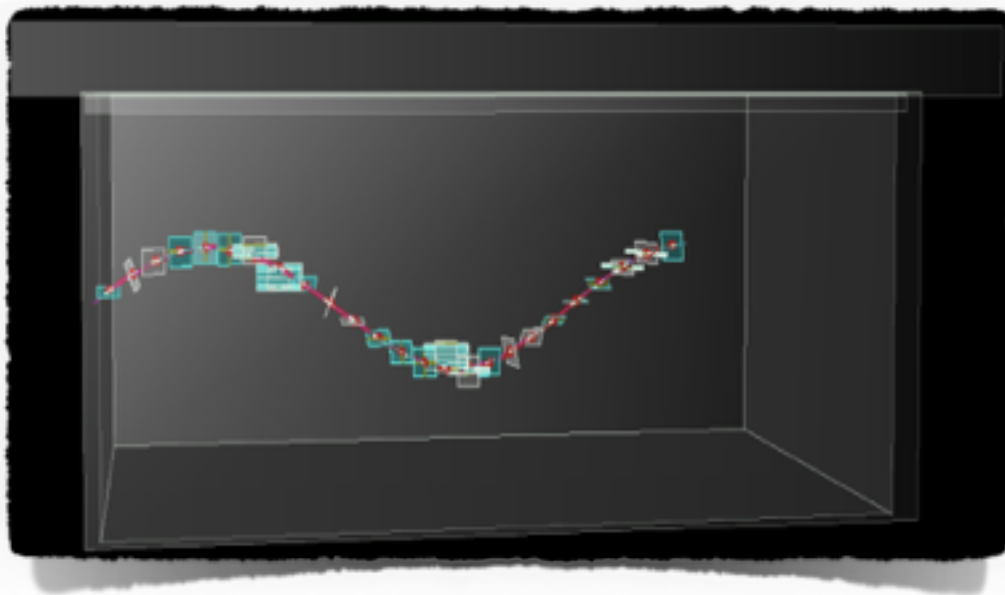
SPiRITROOT Digi

- Basic tasks of digitization are written and runs well.

- Working on "final output form" of digitization.

- Fine tuning to be done with various issues.

  - Electron behavior in distorted field.

  - Unbalanced avalanche in wire plane due to the position of wire.

  - Electronics response.

GENFIT

- Test was done with pion.

- Kalman filter is applied.

- Parameter values and resolution plot is obtained.

by Prabi

LAMPSROOT

- All base class to produce MC simulation is written.

- MC macro runs without errors, but not saving hits.

- Once MC producing is stabilized, it'll be much easier to follow up progress of SPiRITROOT.