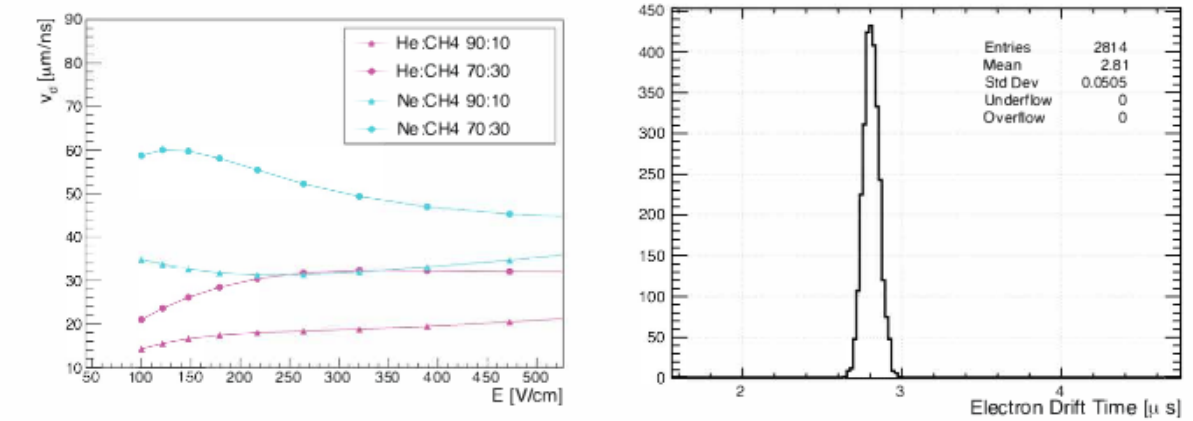
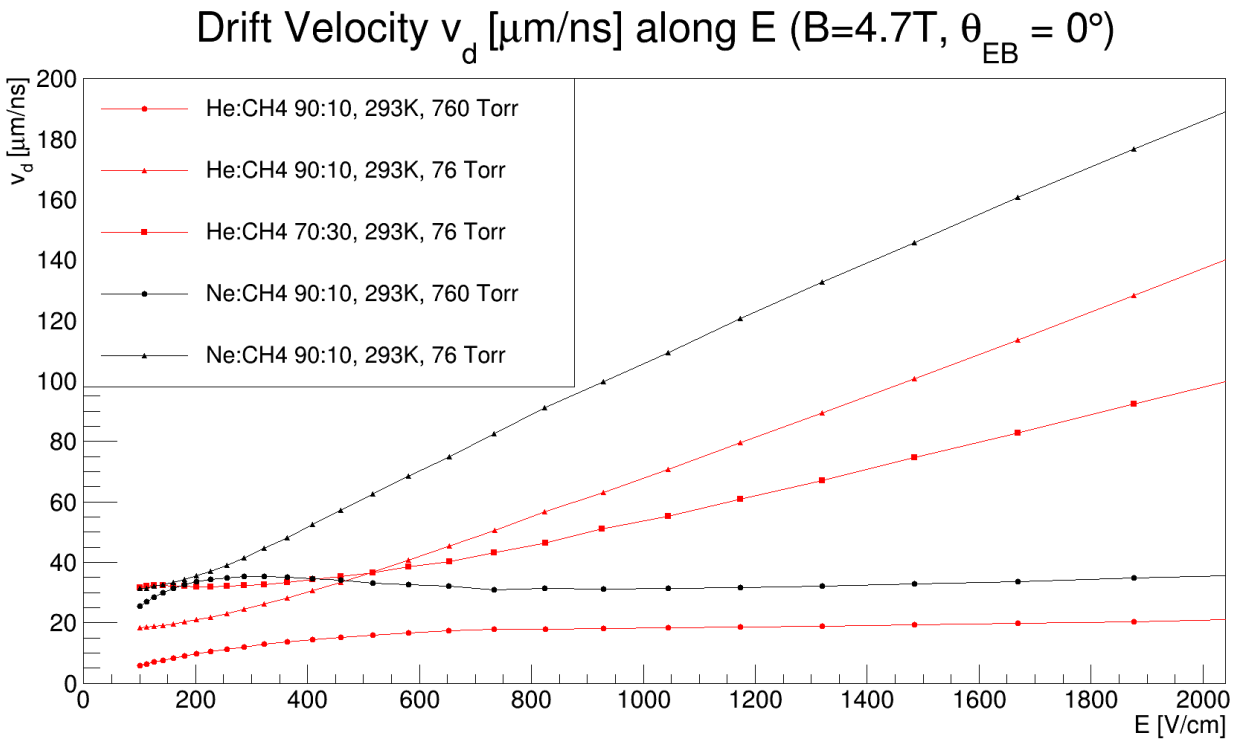
Drift Time Simulations in MRI



- Temp ~115K, pressure 0.1atm

Drift Time Latest Garfield++ for STP (room temp and varying pressure)



- Since MRI graph was for low temp, created similar graph at room temperature to have on record
- Due to scaling of drift velocity with E/p, at room temp still need low pressure (also for material density)
- EG: For upper limit drift distance 5cm, he:CH4 90:10 at 0.1atm (76Torr), have max drift velocity 2.5us at E~200V/cm