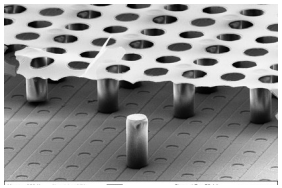
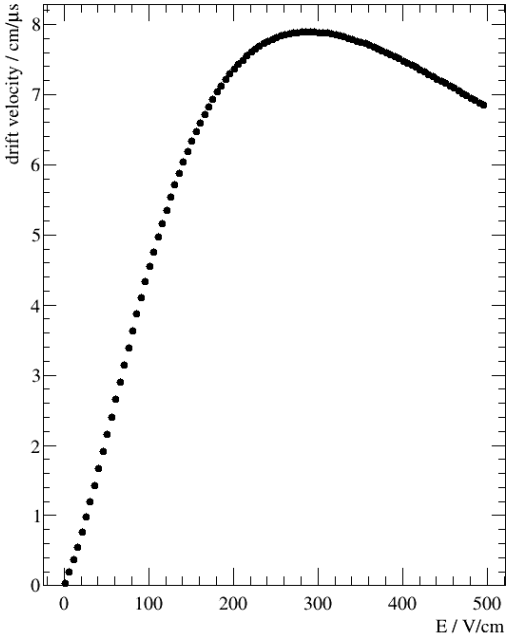
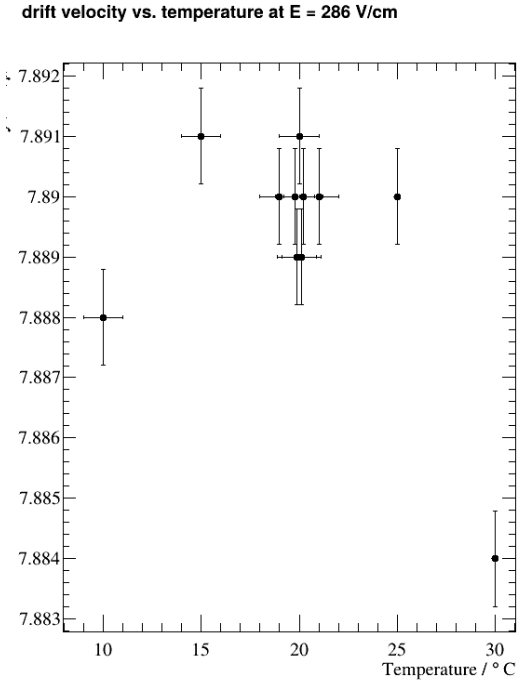
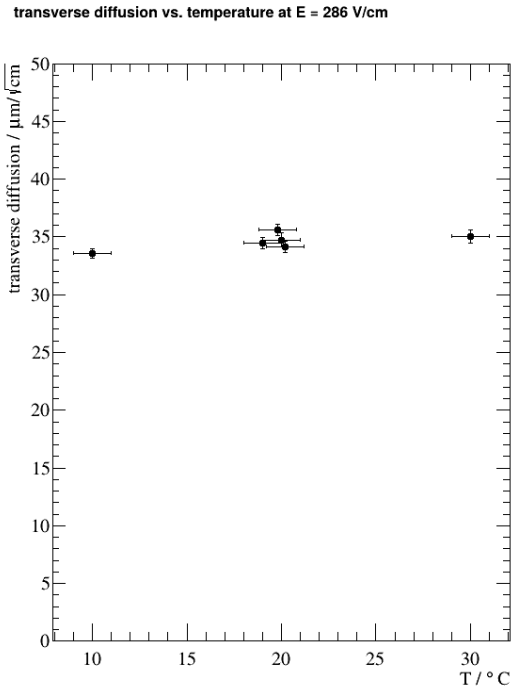
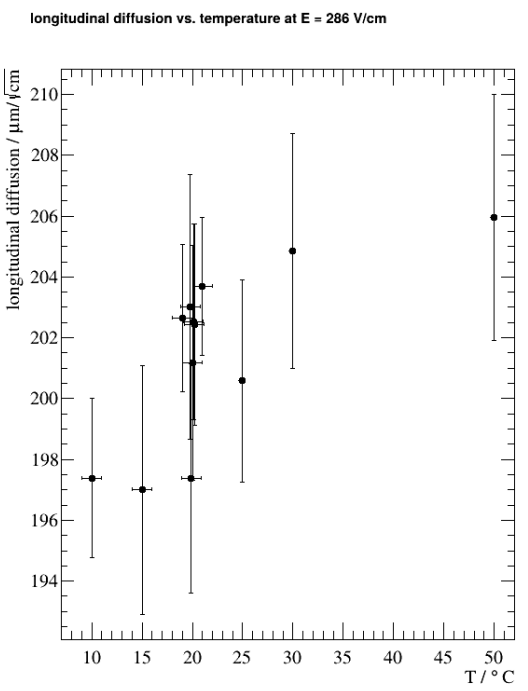


Temperature Dependence



Gas mixture is $Ar:CF_4:iC_4H_{10}$ 95:3:2

Drift velocity has a local maximum at E = 286 V/cm
- → drift stable with respect to small field inhomogeneities
- → also stable in a significant range around room temperature

In a pixelTPC the gas gain is not so important, as it is only important that charge is over the threshold