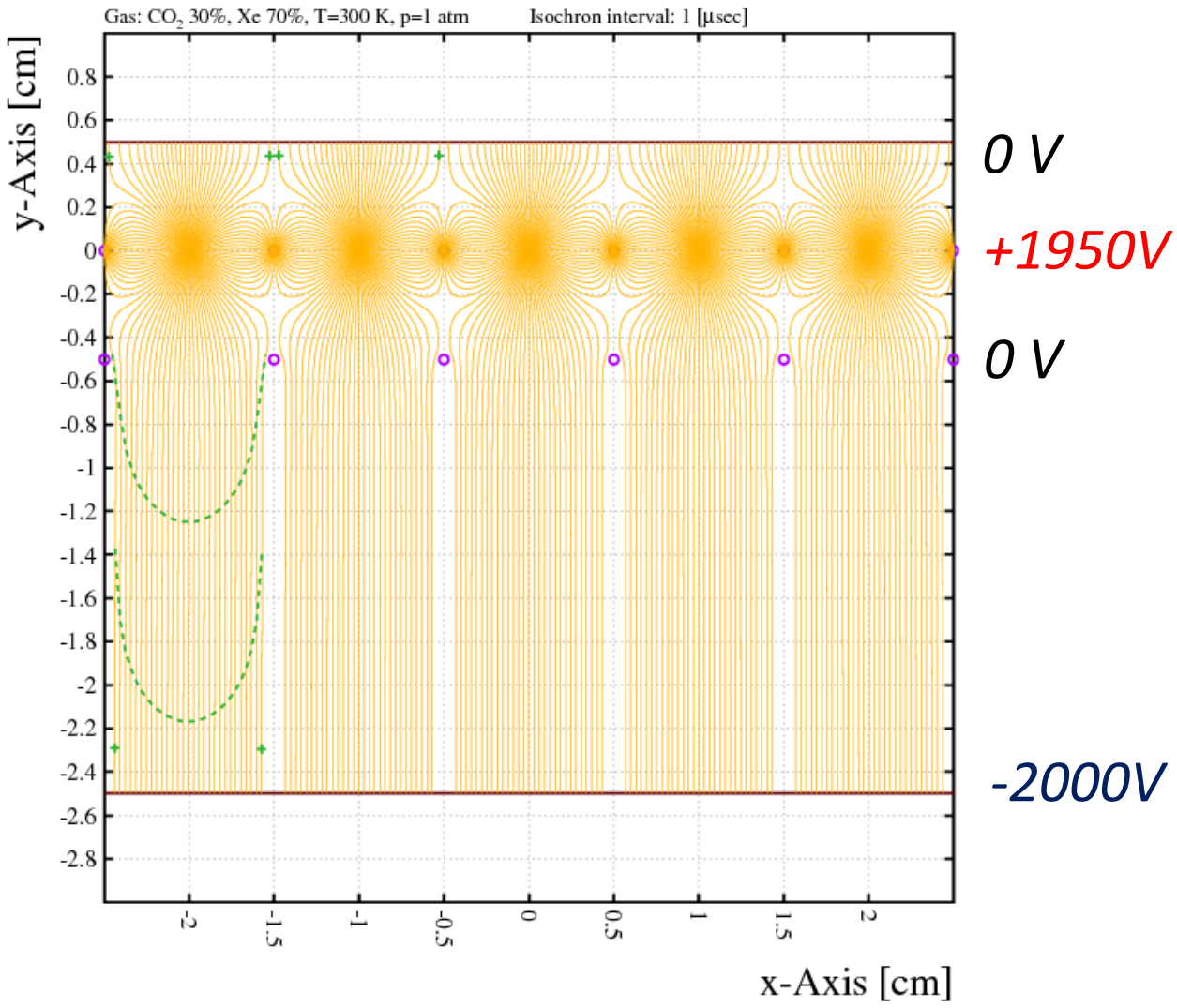
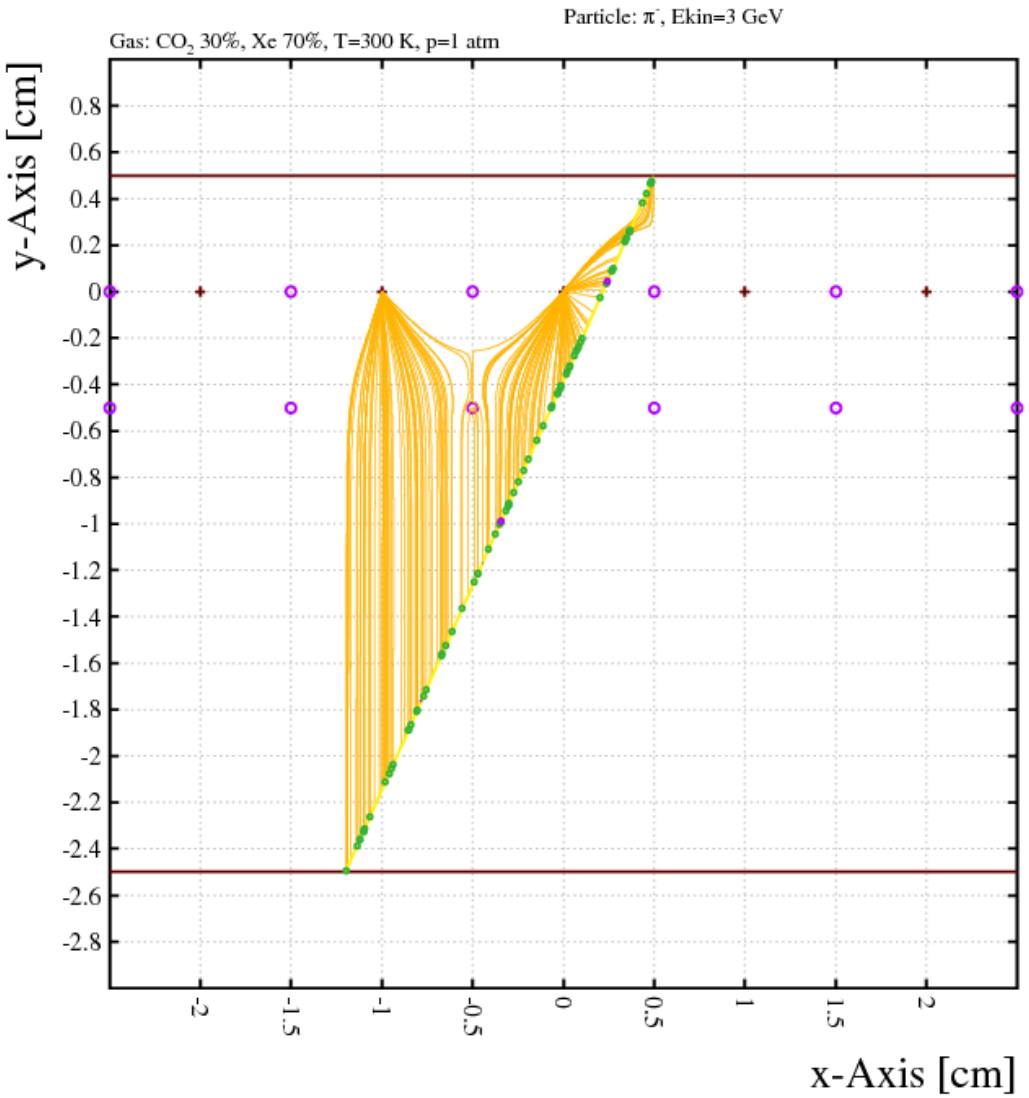
Transition Radiation Detector – Drift Chamber Prototype

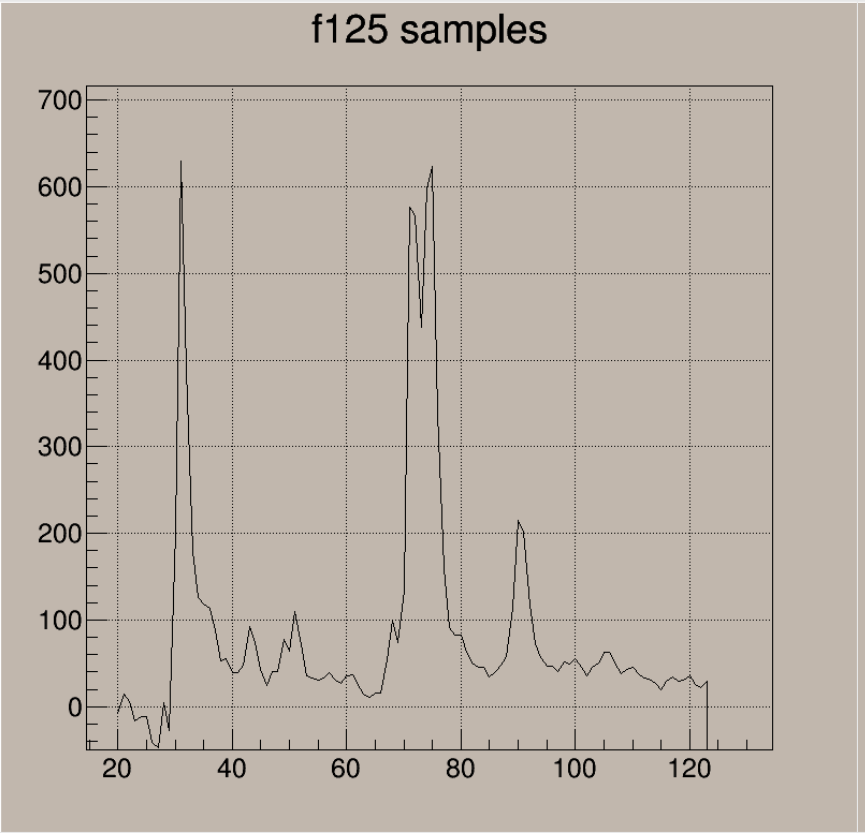
Positron drift lines from a wire

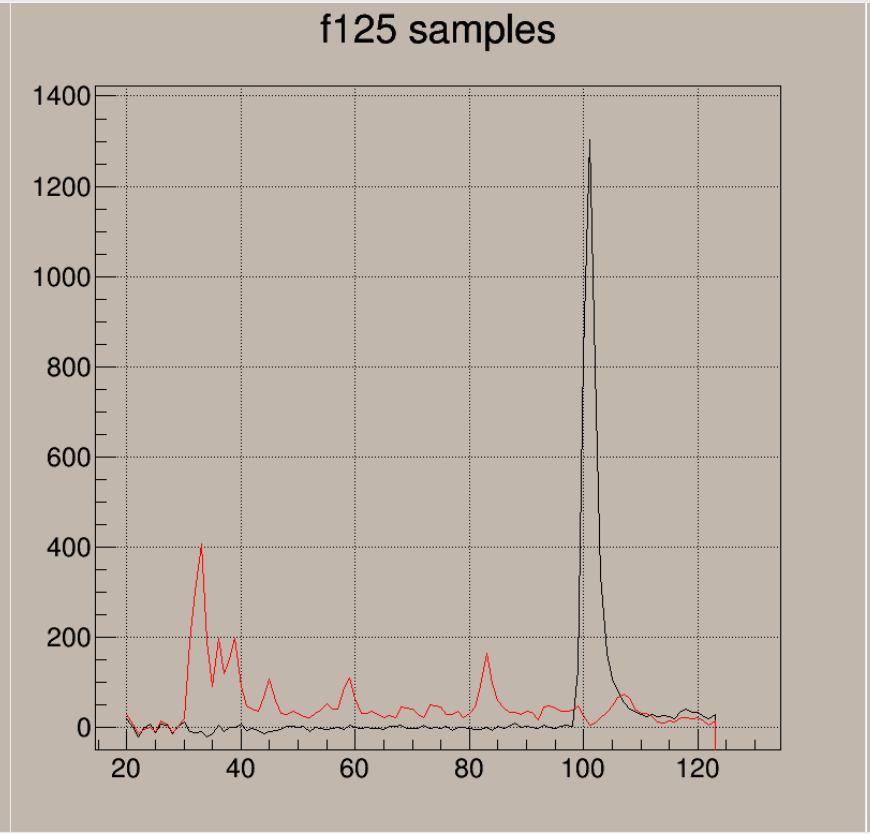


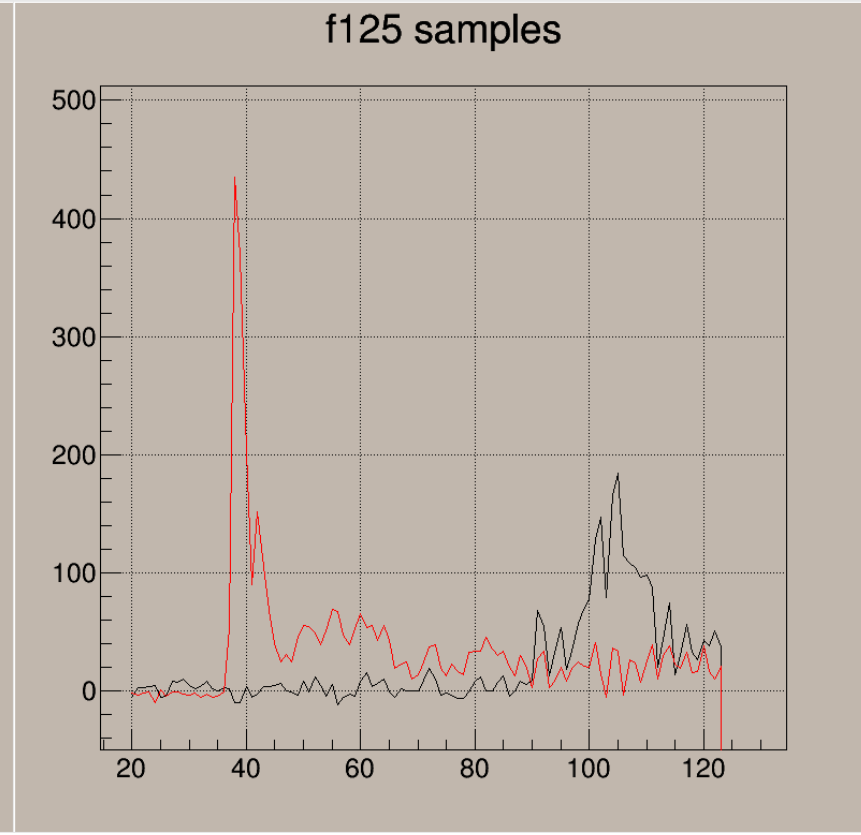
Electron drift lines from a track



TRD – single event examples

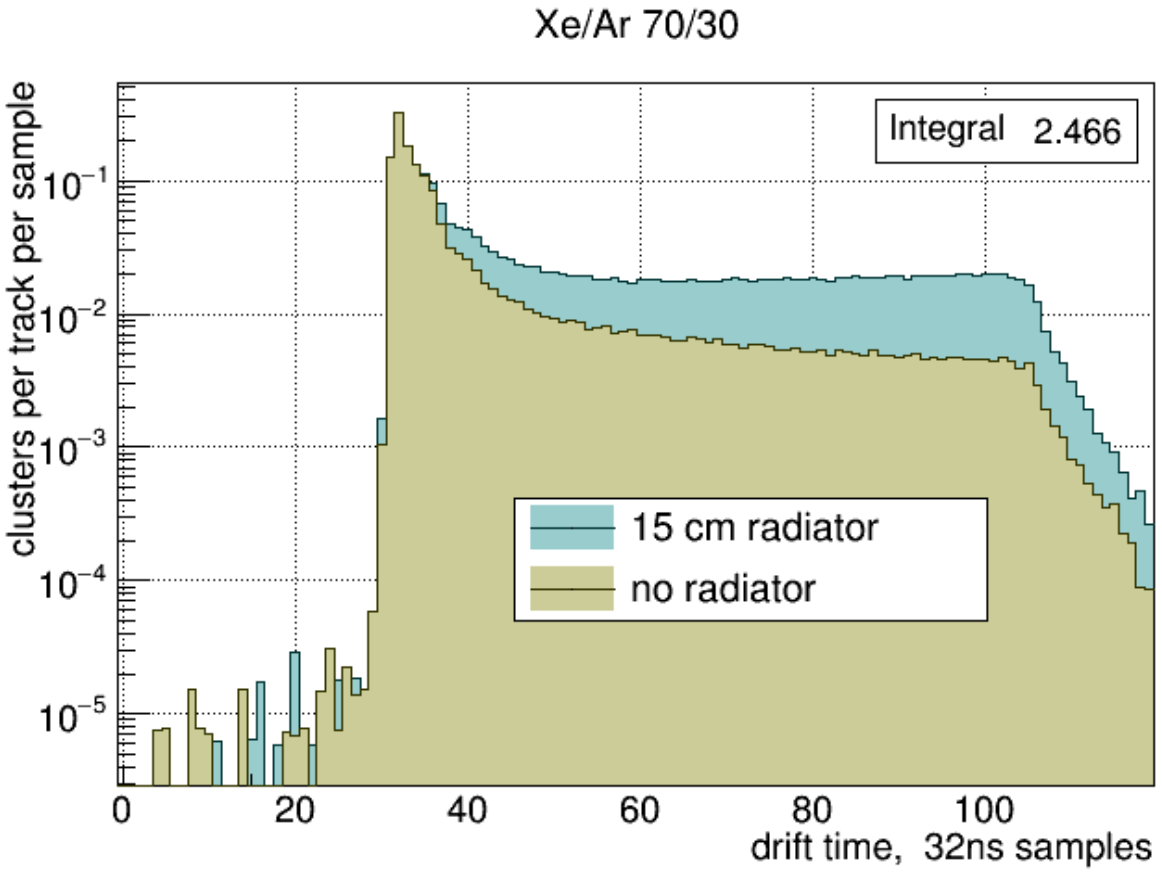


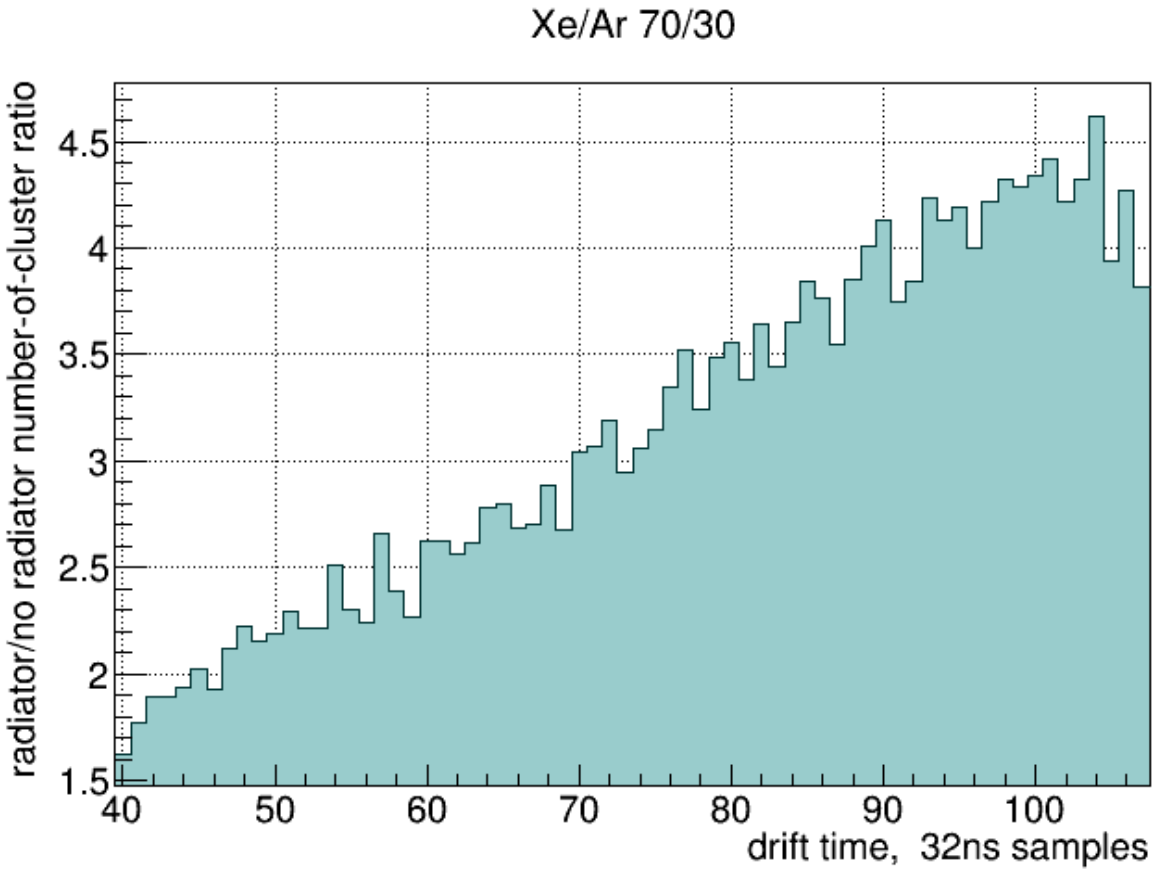




f125 samples of 32ns – colors correspond to different wires

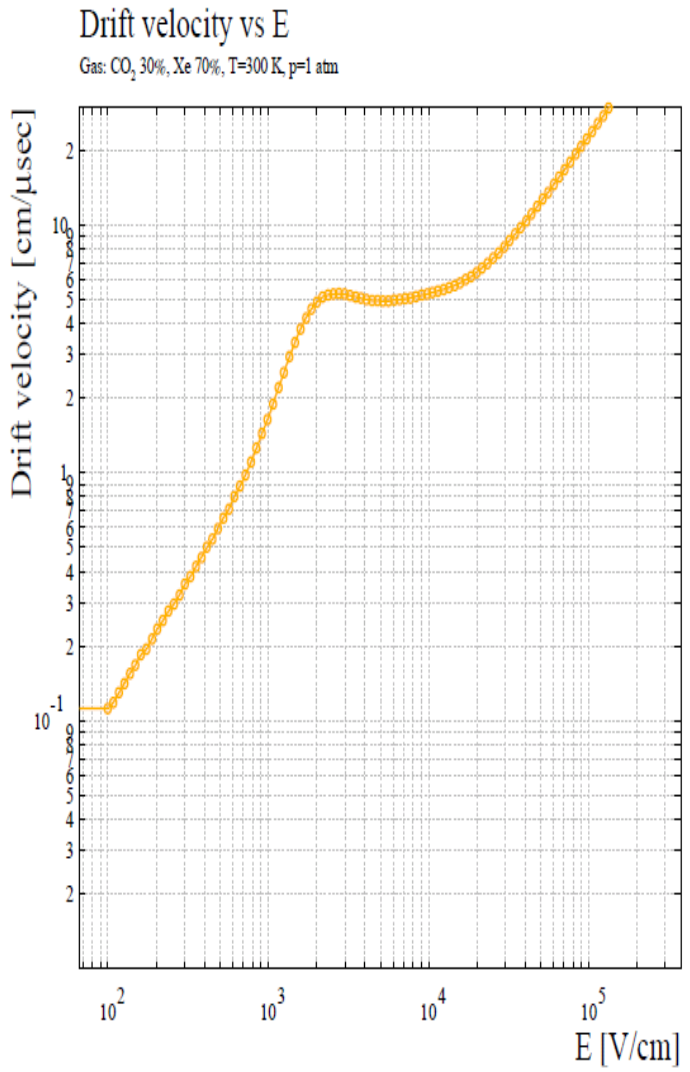
TRD – first results

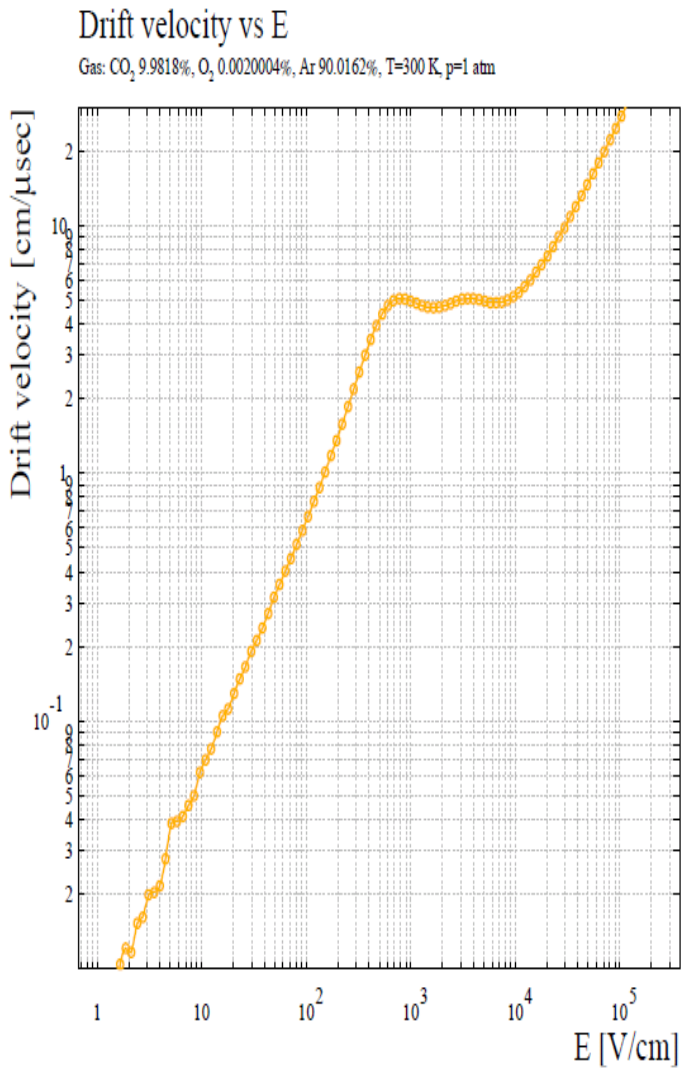
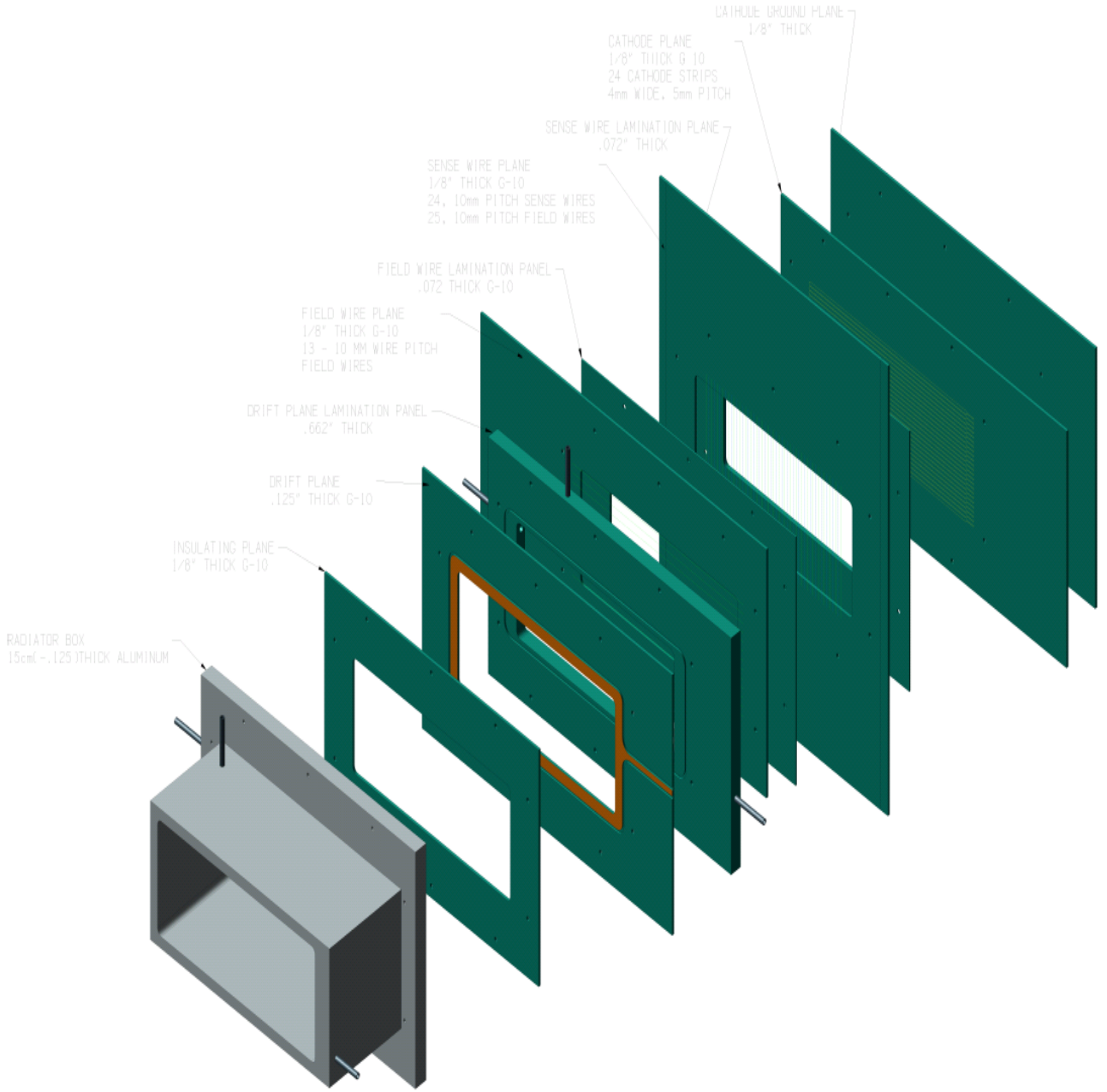




Threshold for cluster counting = 300 fADC units

TRD Drift Chamber Prototype – with Ar and Xe

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