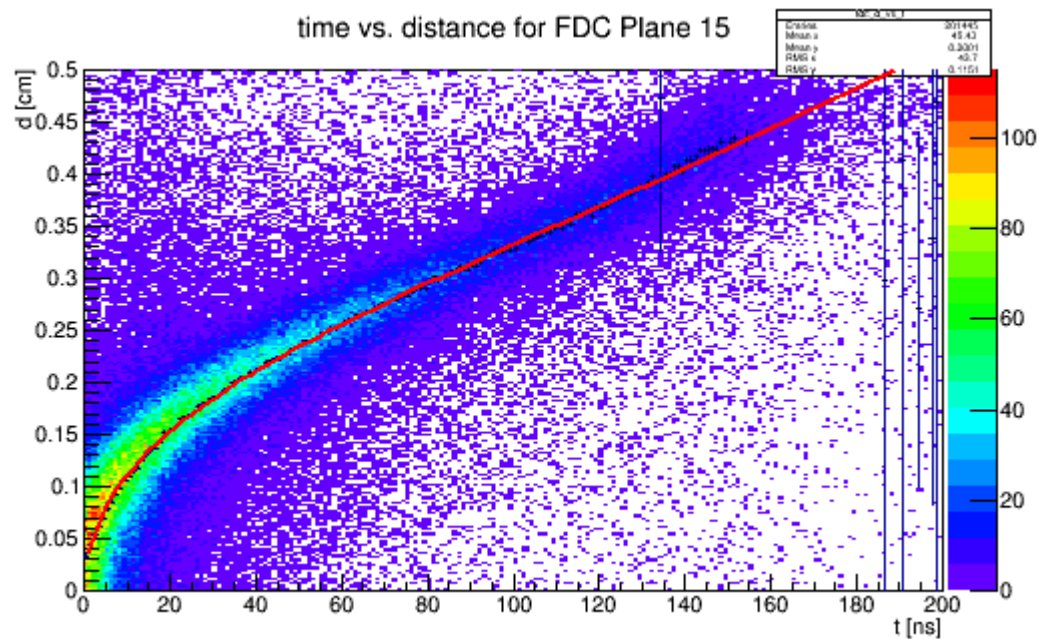


Time-to-distance

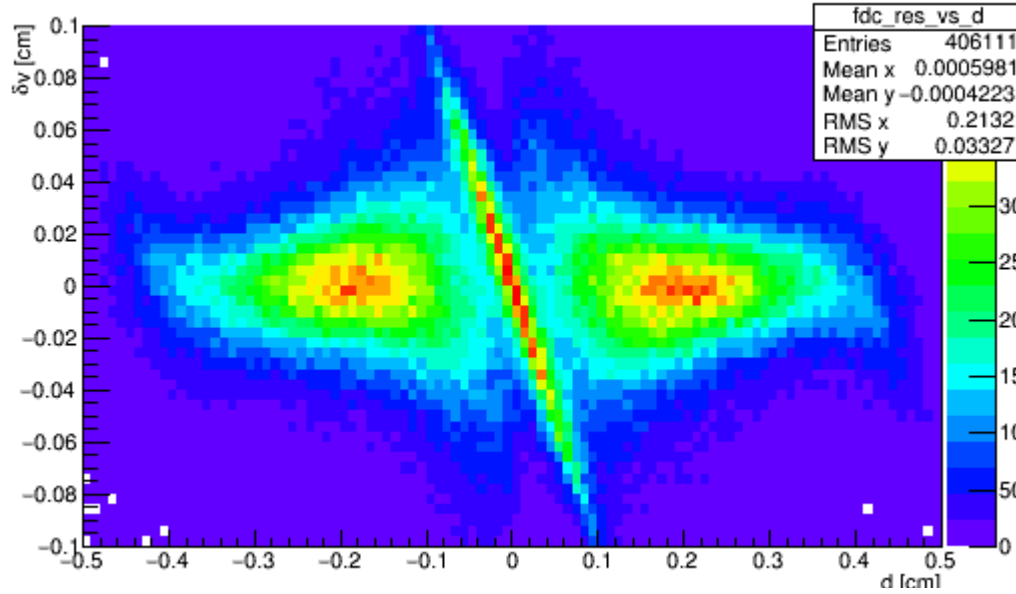
Kalman filter code modified to use FDC timing information for second measurement coordinate in fitting



$$d(t) = At^{1/2} + Bt + Ct^2$$

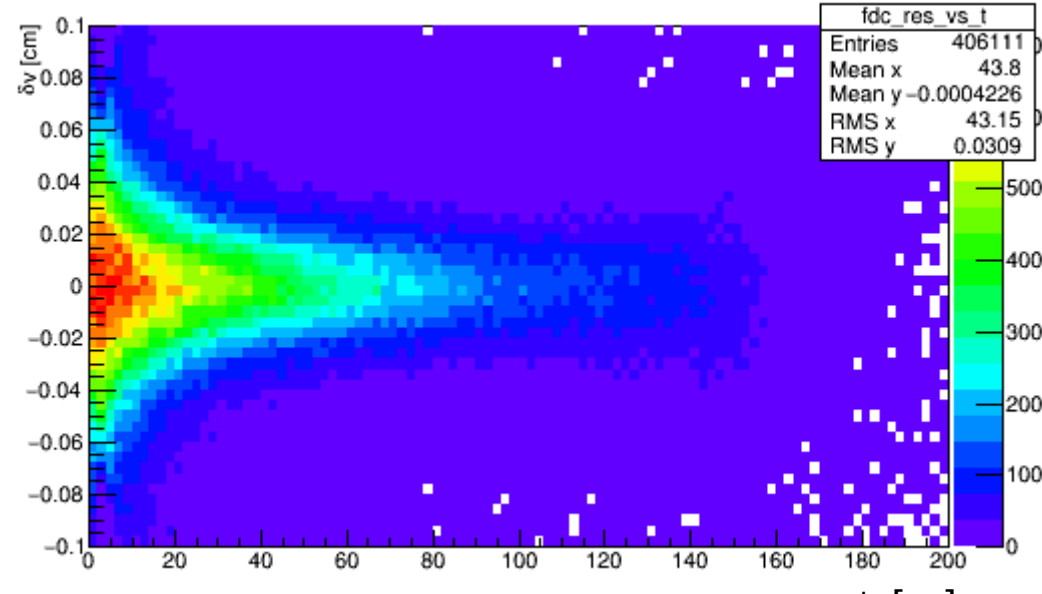
Resolution transverse to wire

residual vs. distance for FDC Plane 15



d=doca from track fit

residual vs time for FDC Plane 15



Fitted value of par[2]=Sigma

t [ns]

p>5 GeV/c
CL cut = 0.01

Using cathode timing, not TDC!

