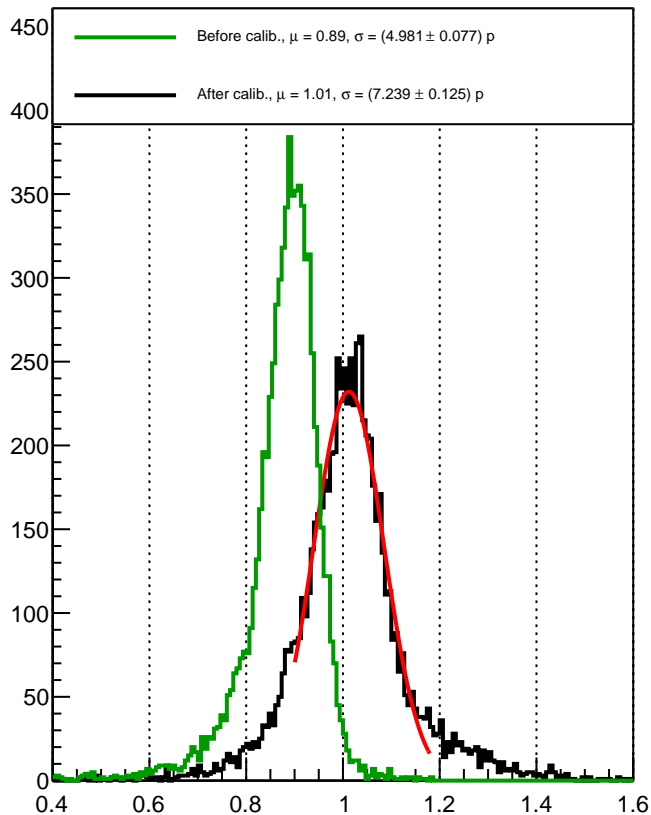
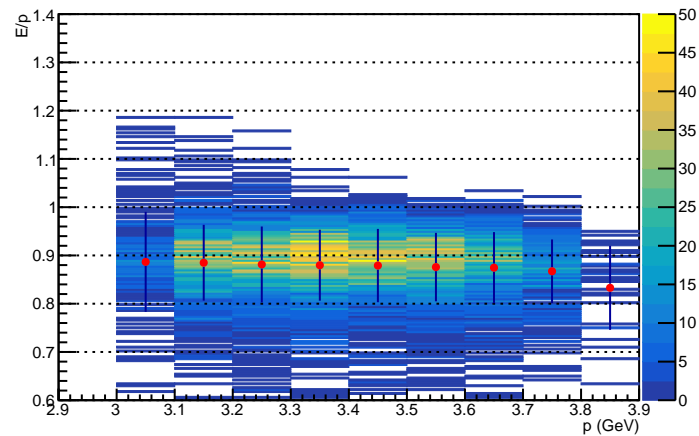


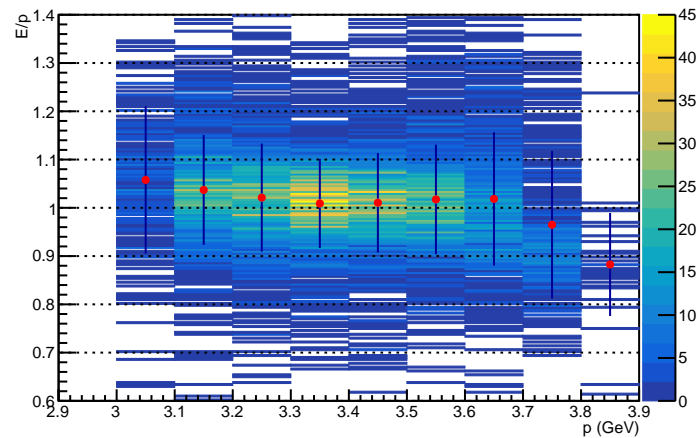
E/p (After)



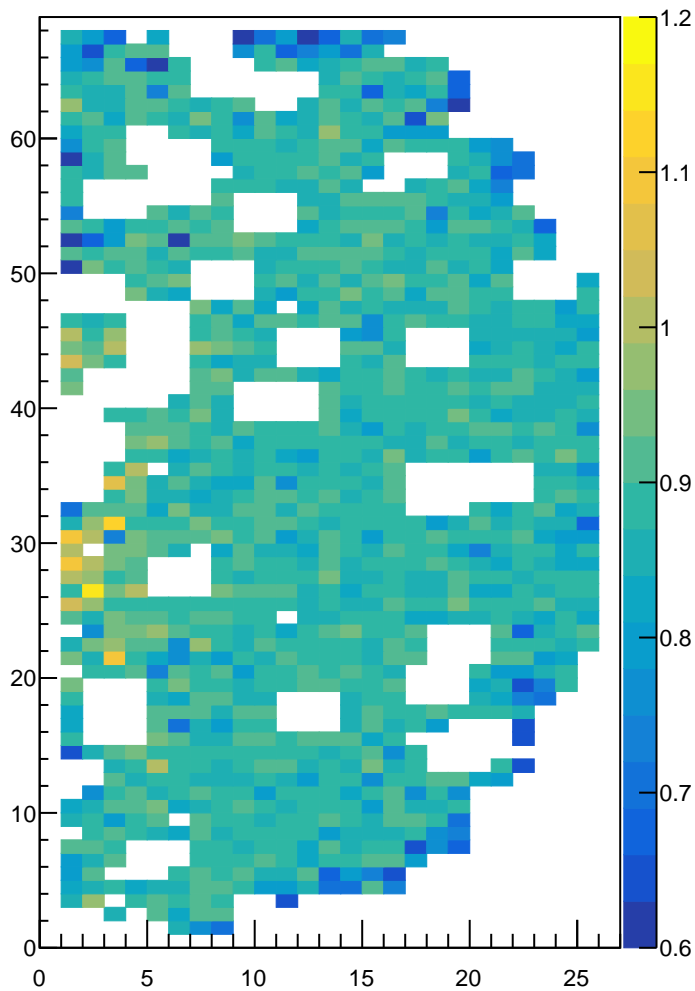
E/p vs p | Before



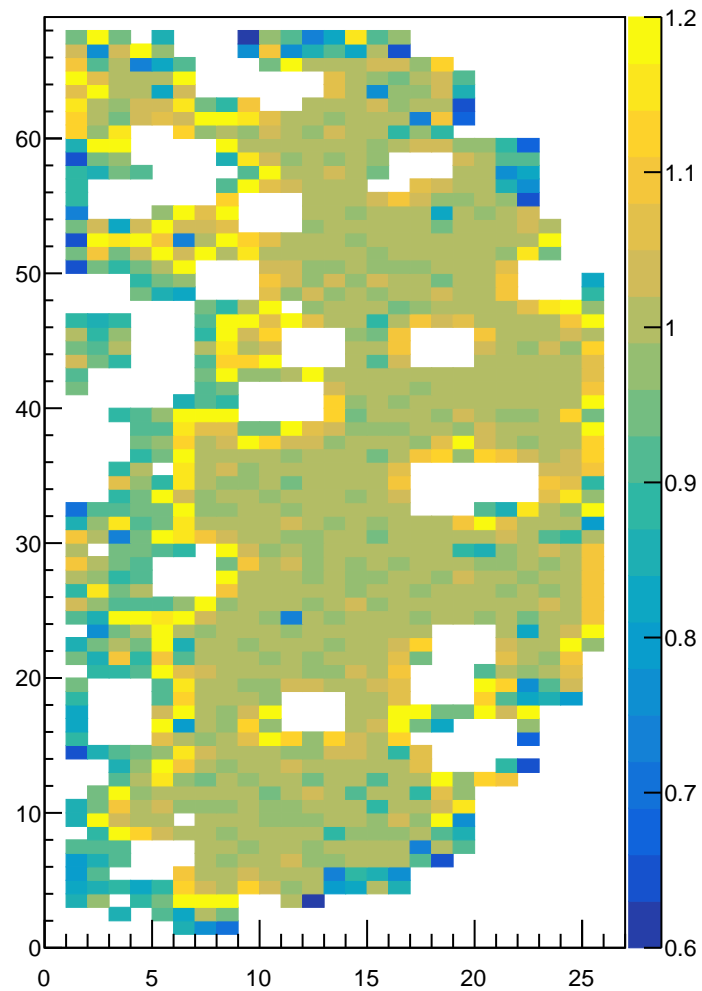
E/p vs p | After



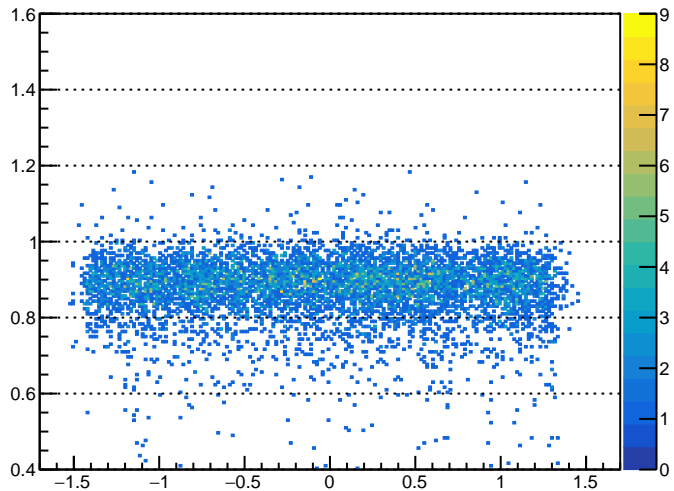
E/p per block | Before



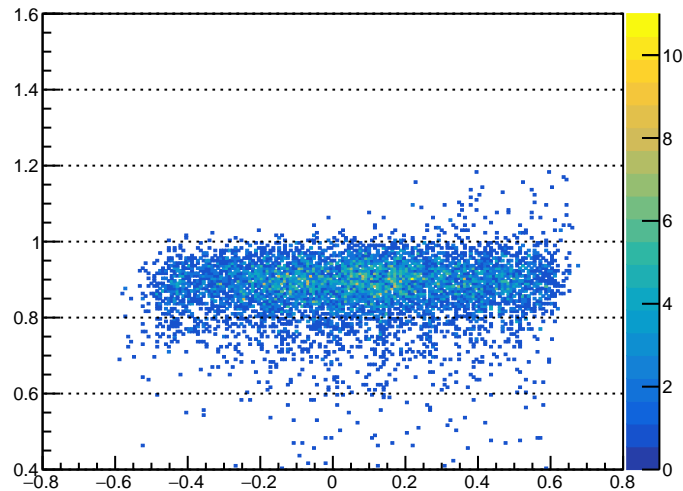
E/p per block | After



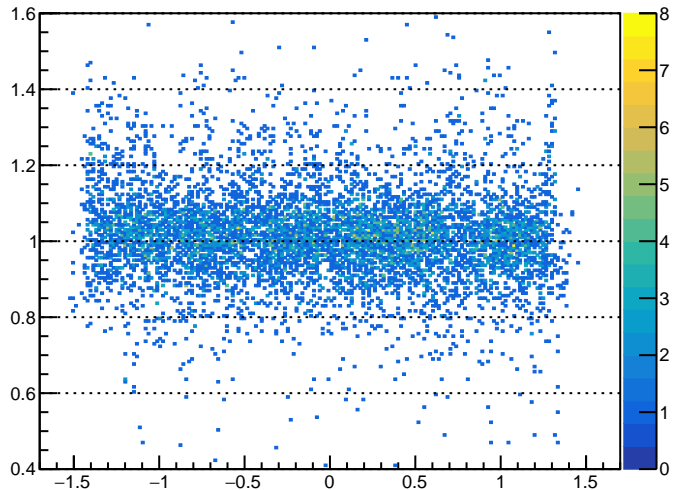
E/p vs xECAL Expected | Before



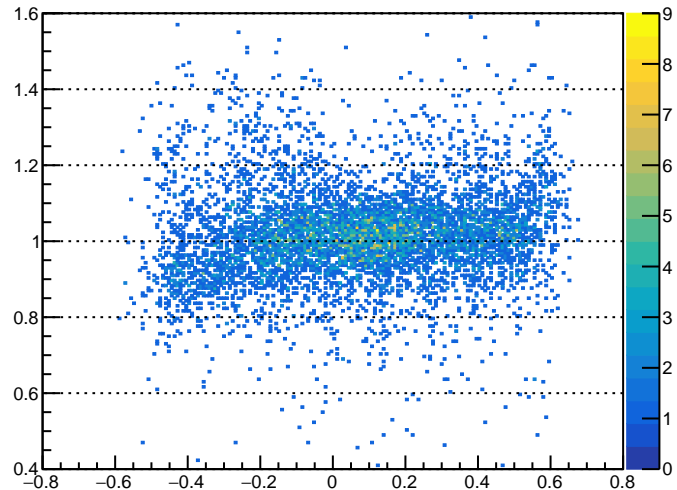
E/p vs yECAL Expected | Before



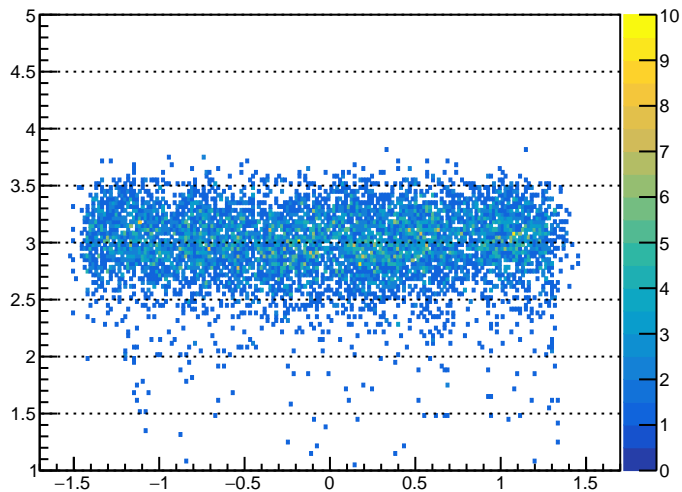
E/p vs xECAL Expected | After



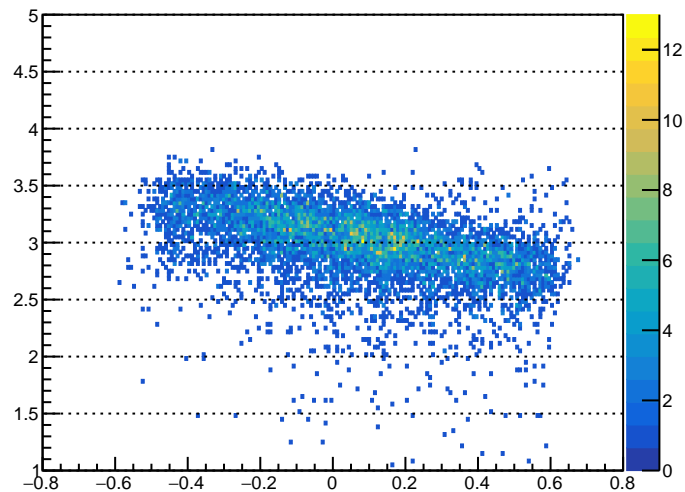
E/p vs yECAL Expected | After



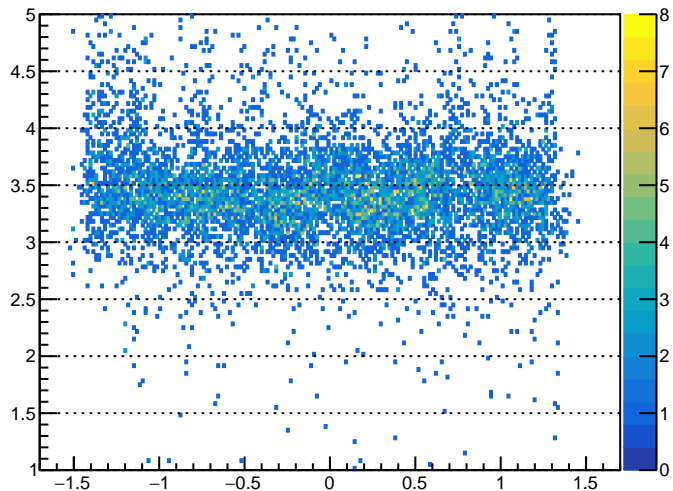
ECAL energy vs xECAL Expected | Before



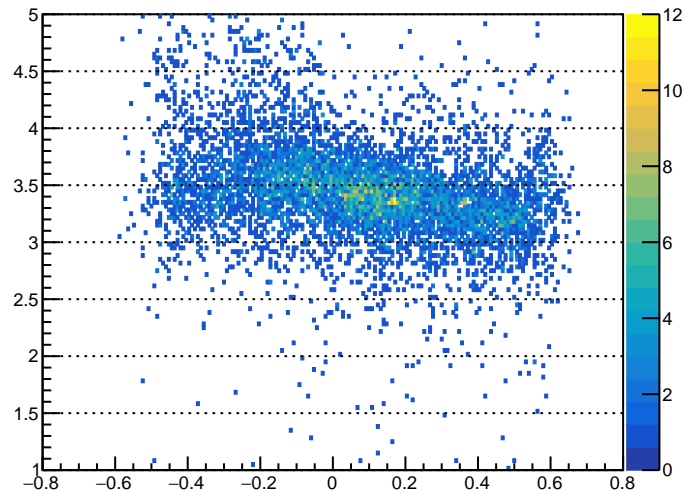
ECAL energy vs yECAL Expected | Before



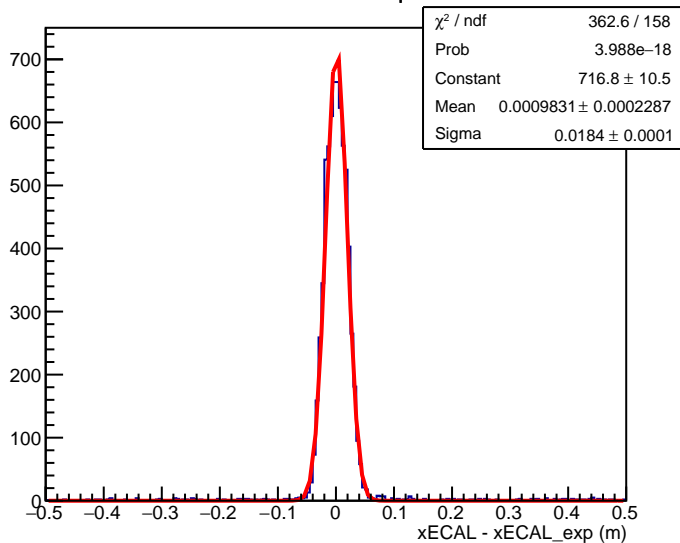
ECAL energy vs xECAL Expected | After



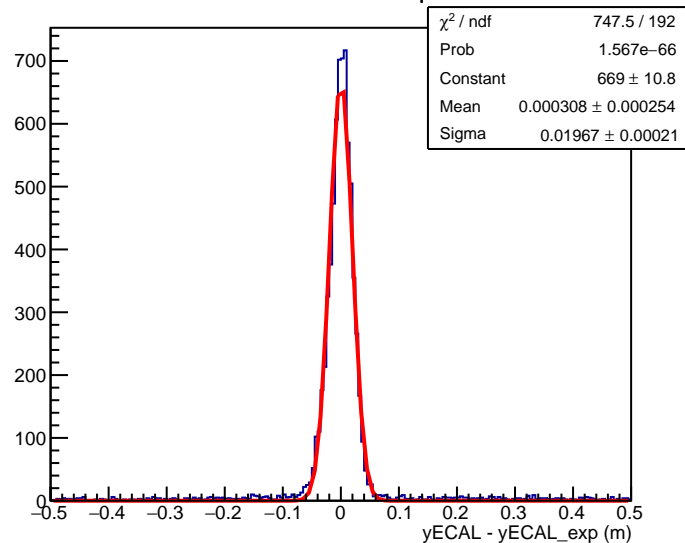
ECAL energy vs yECAL Expected | After



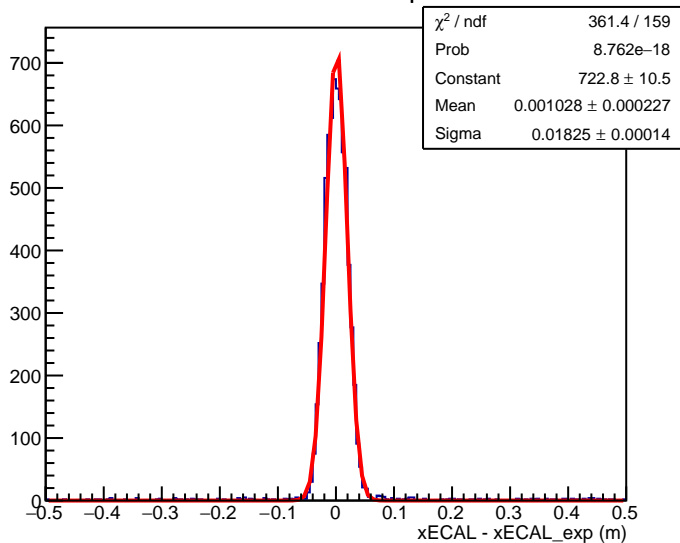
Vertical Pos. Diff. | Before



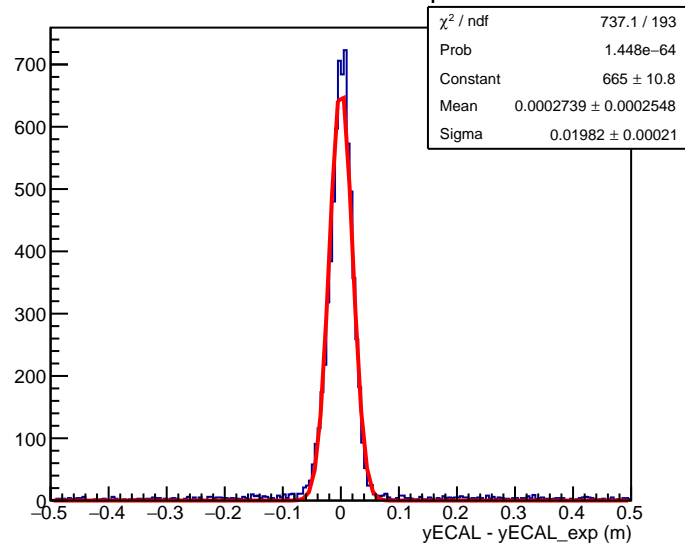
Horizontal Pos. Diff. | Before



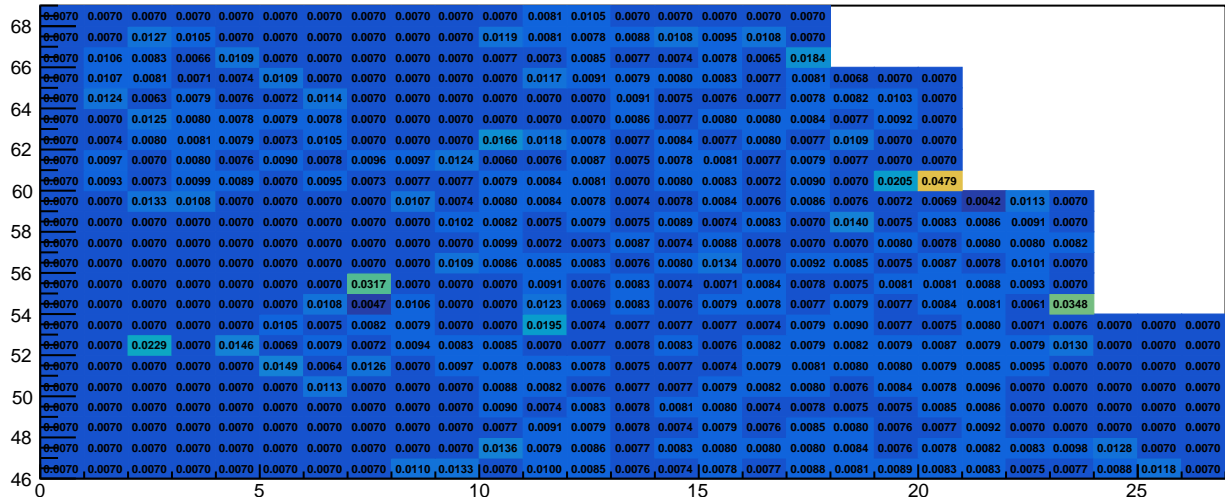
Vertical Pos. Diff. | After



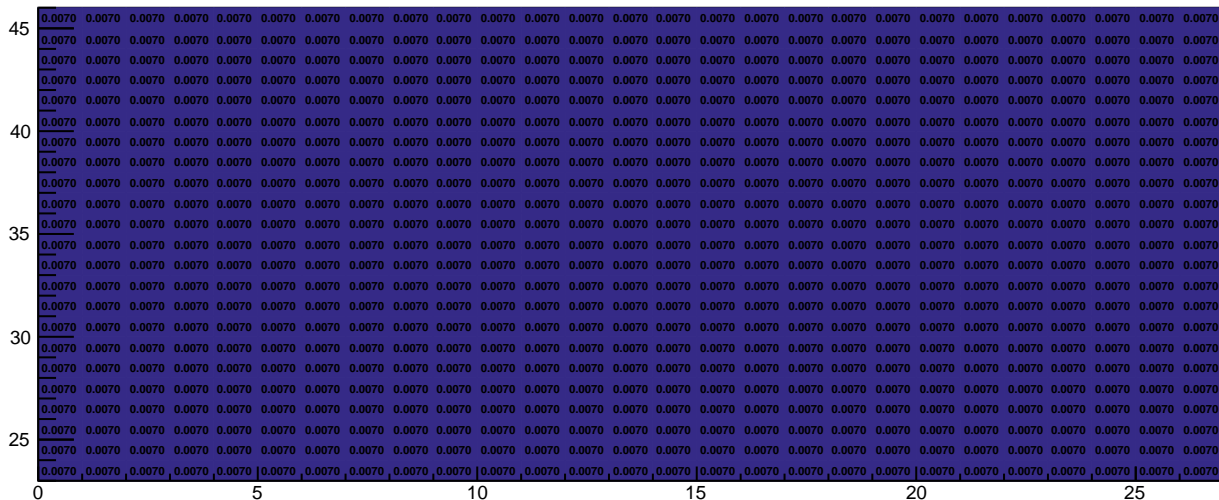
Horizontal Pos. Diff. | After



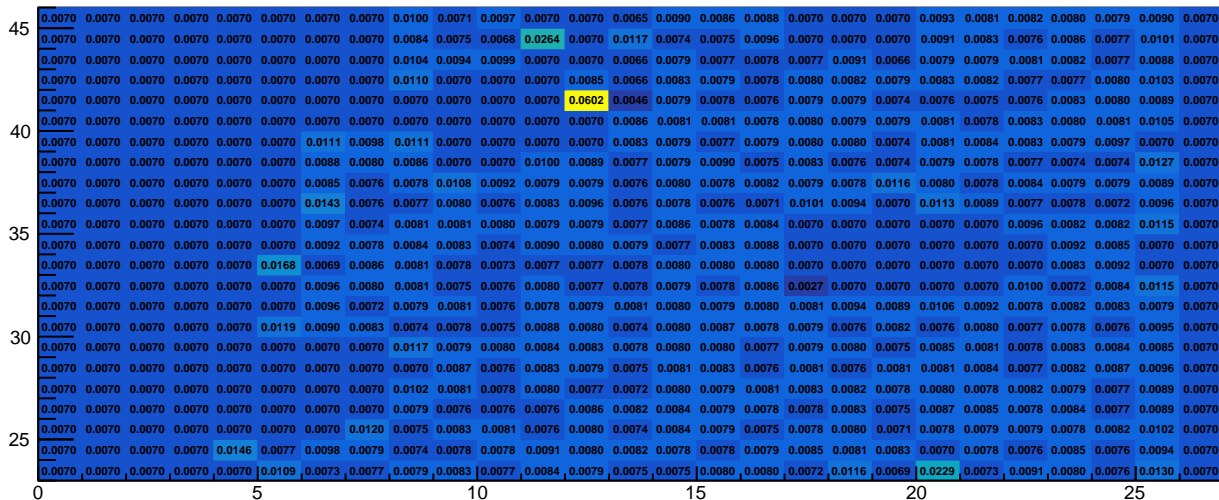
New ADC Gain Coefficients (Top)



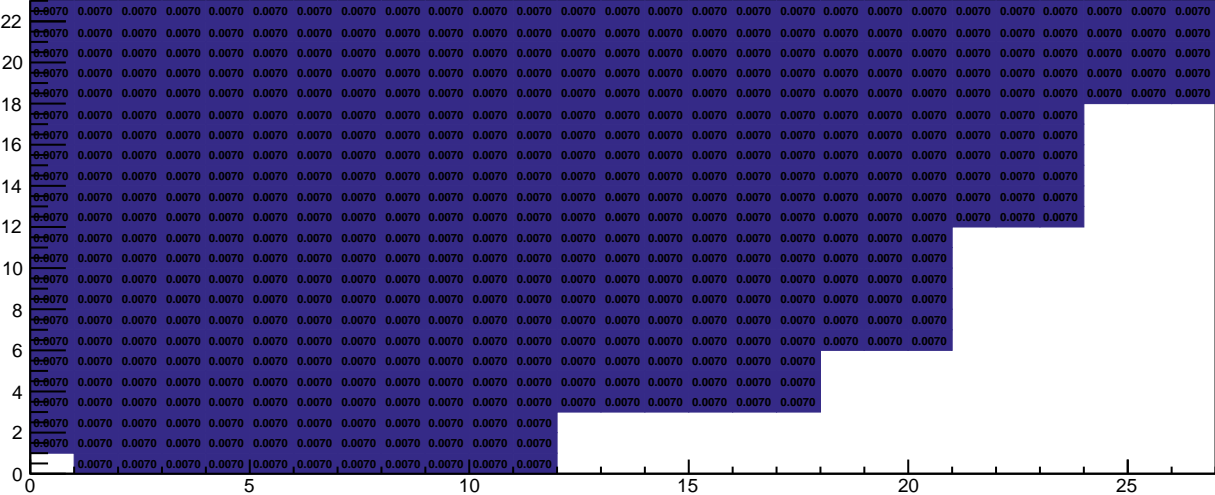
Old ADC Gain Coefficients (Middle)



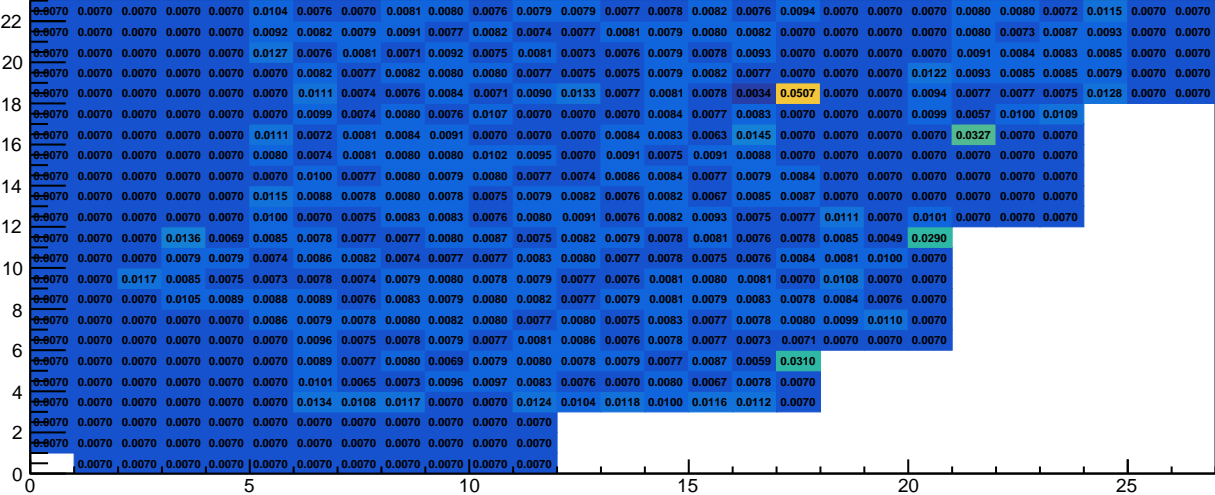
New ADC Gain Coefficients (Middle)



Old ADC Gain Coefficients (Bottom)



New ADC Gain Coefficients (Bottom)



Date of creation: 4/6/2025

Configfile: ECAL_replay/scripts/cfg/GEP1_elas_calib_MC.cfg

Total # events analyzed: 28552

E/p (before calib.) | $\mu = 0.89$, $\sigma = (4.981 \pm 0.077)$ p

E/p (after calib.) | $\mu = 1.01$, $\sigma = (7.239 \pm 0.125)$ p

Global cuts:

sbs.tr.p[0]<6, sbs.tr.vz[0]<0.1, sbs.tr.vz[0]>-0.25,

sbs.gemFT.track.chi2ndf<10, sbs.hcal.e>0.05,

events passed global cuts: 0

Other cuts:

Minimum # events per block: 50 | Cluster hit threshold: 0.00 GeV

Cluster tmax cut: 100.0 ns | Cluster energy fraction cut: 0.0 GeV

Macro processing time: CPU 77.8s | Real 79.7s