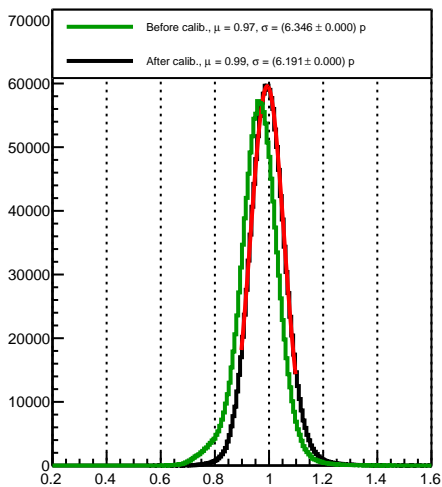
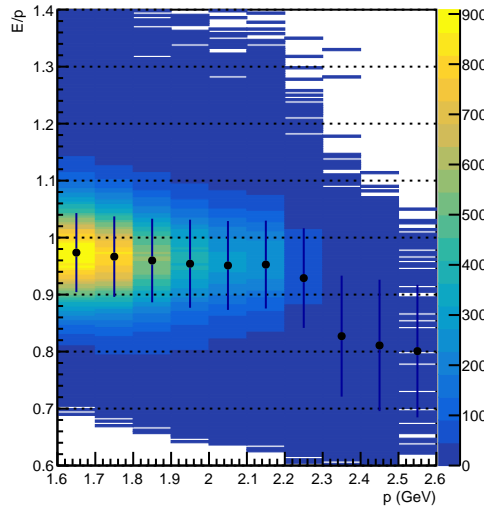


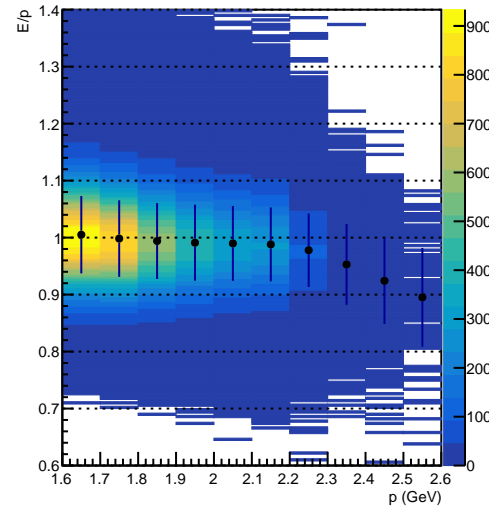
E/p



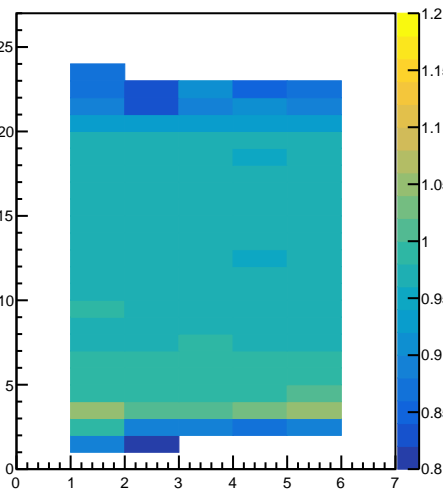
E/p vs p



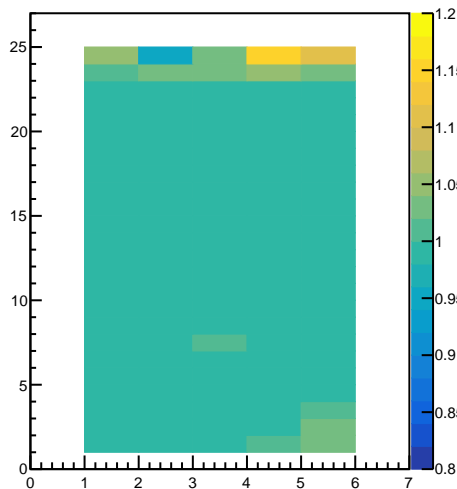
E/p vs p | After Calib.



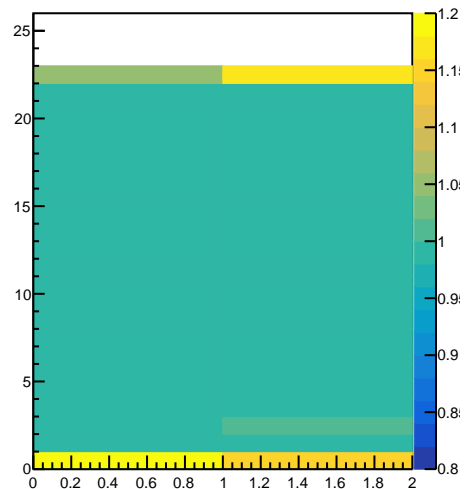
E/p per SH block



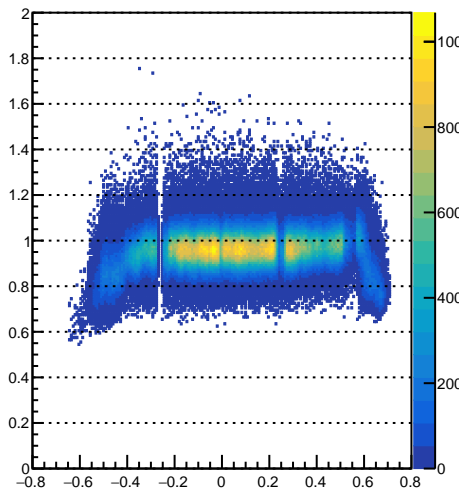
E/p per SH block | After Calib.



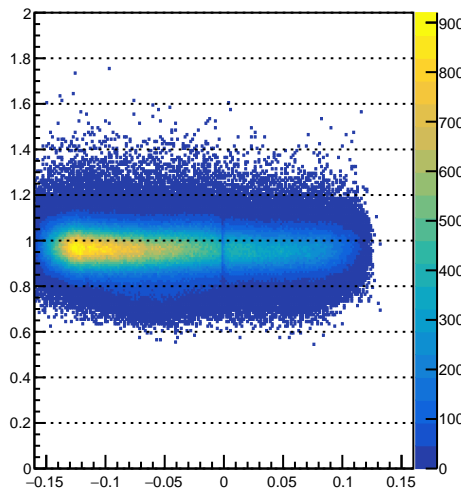
E/p per PS block | After Calib.



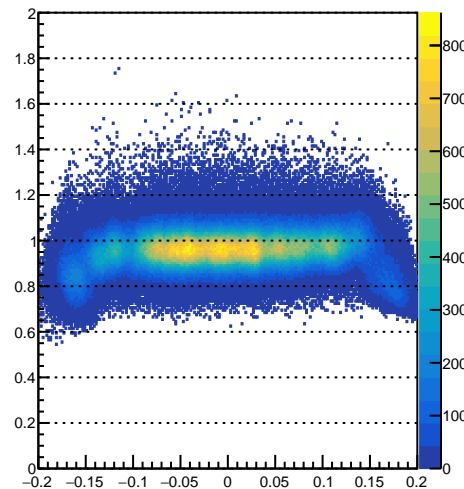
E/p vs Track x



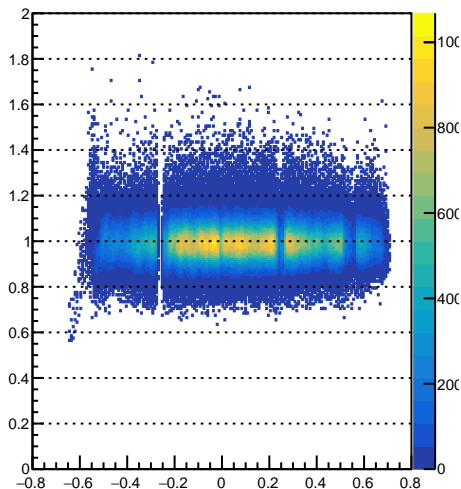
E/p vs Track y



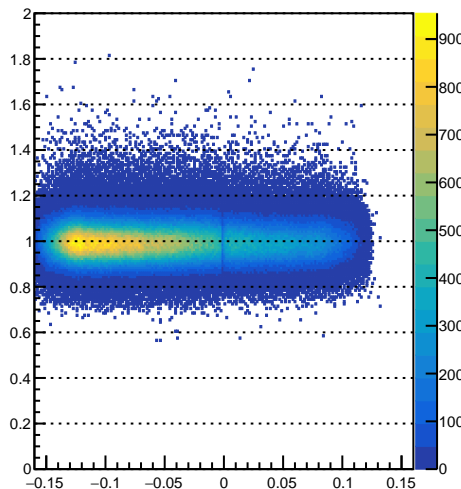
E/p vs Track theta



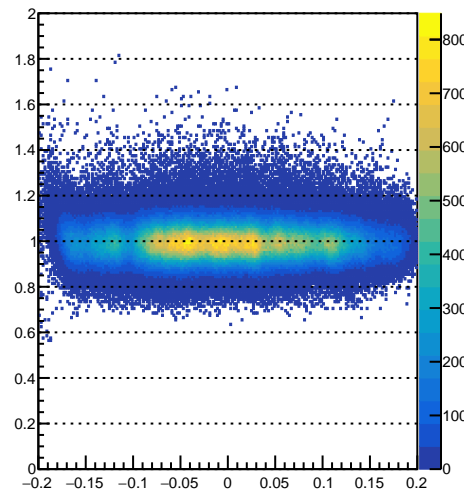
E/p vs Track x | After Calib.



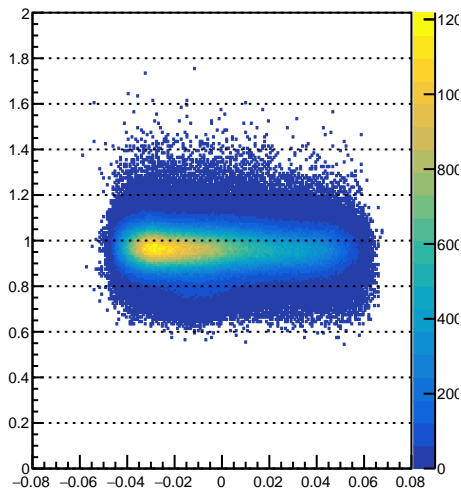
E/p vs Track y | After Calib.



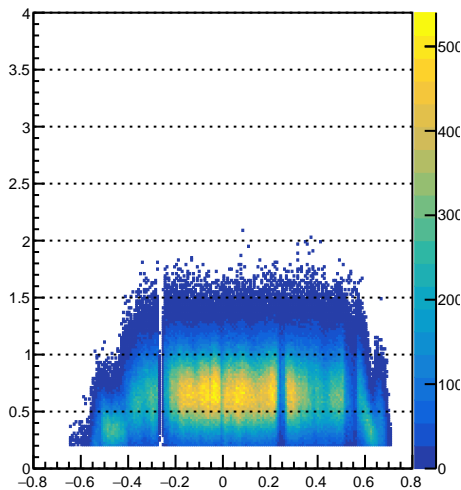
E/p vs Track theta | After Calib.



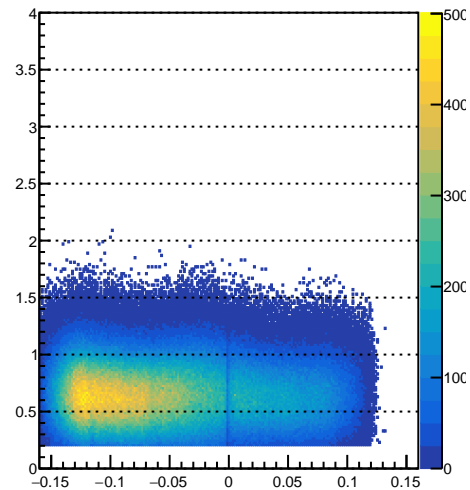
E/p vs Track phi



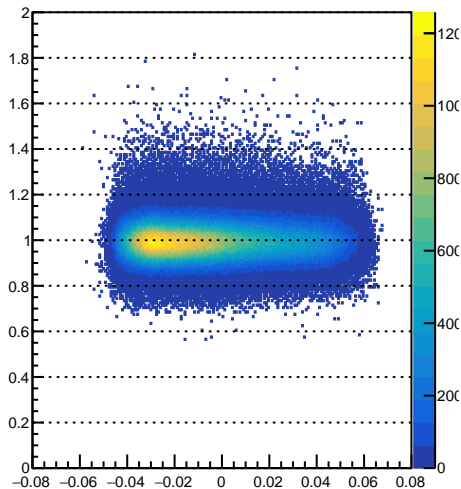
PS energy vs Track x



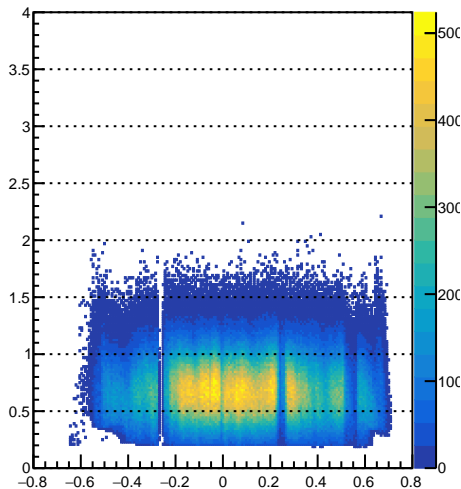
PS energy vs Track y



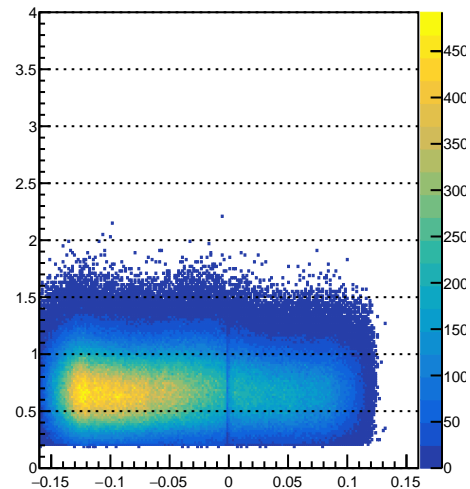
E/p vs Track phi | After Calib.



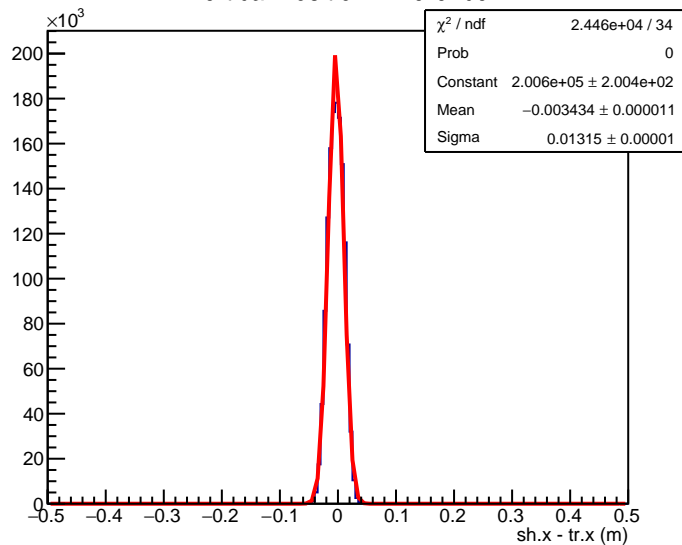
PS energy vs Track x | After Calib.



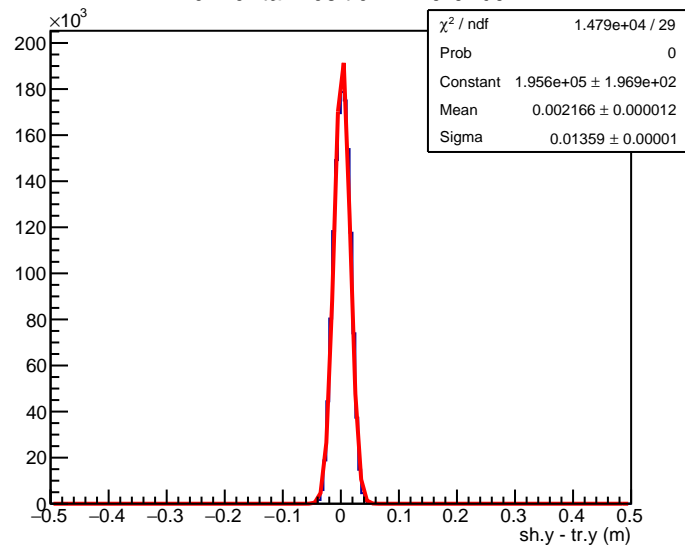
PS energy vs Track y | After Calib.



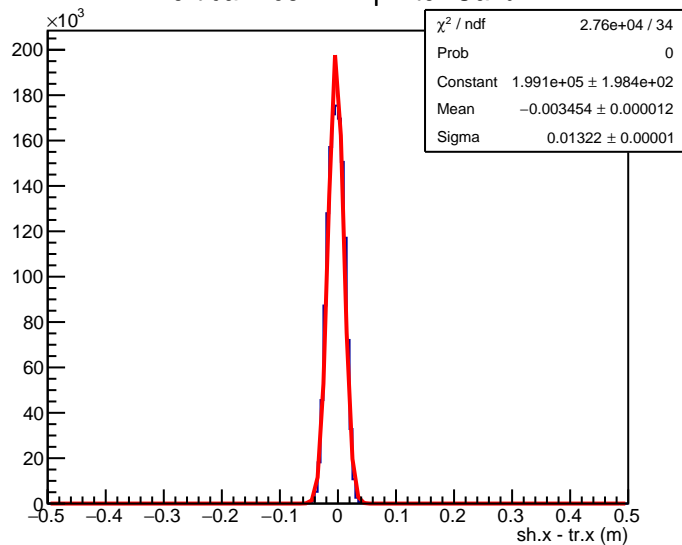
Vertical Position Difference



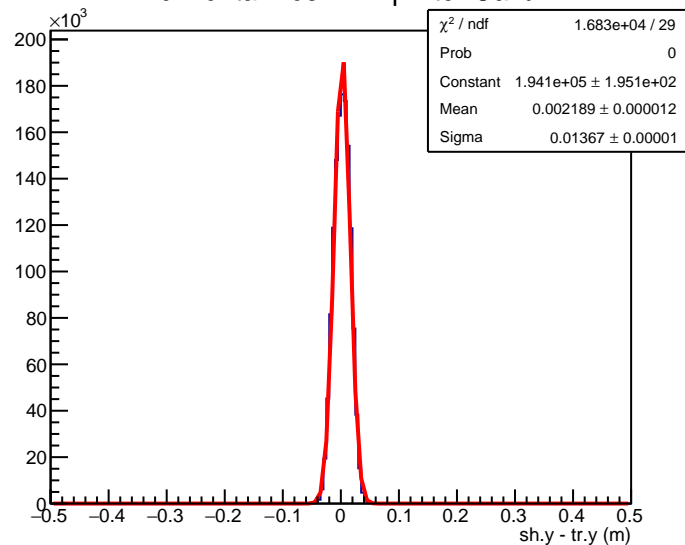
Horizontal Position Difference



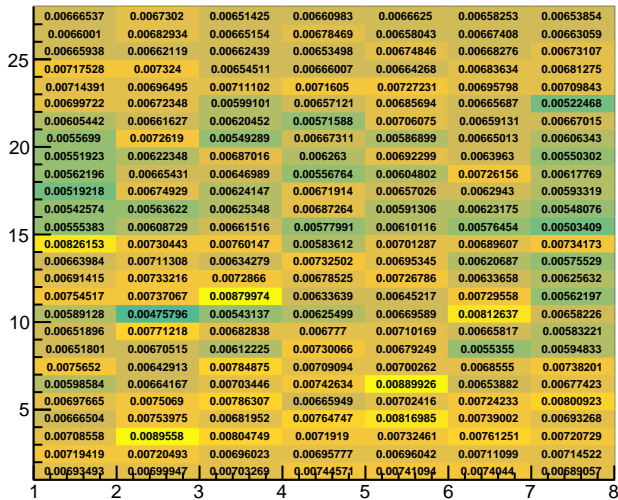
Vertical Pos. Diff. | After Calib.



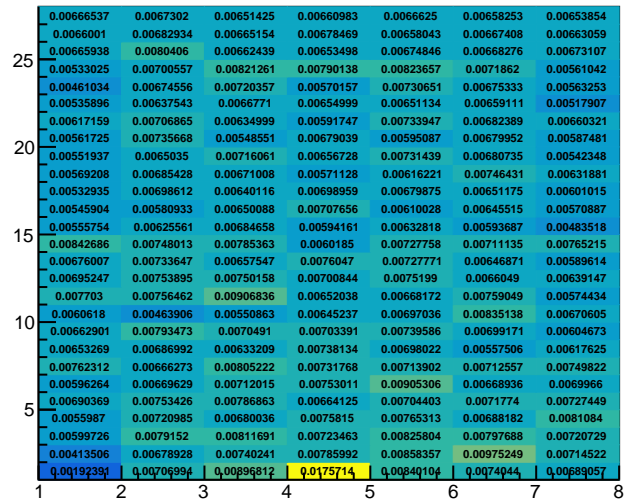
Horizontal Pos. Diff. | After Calib.



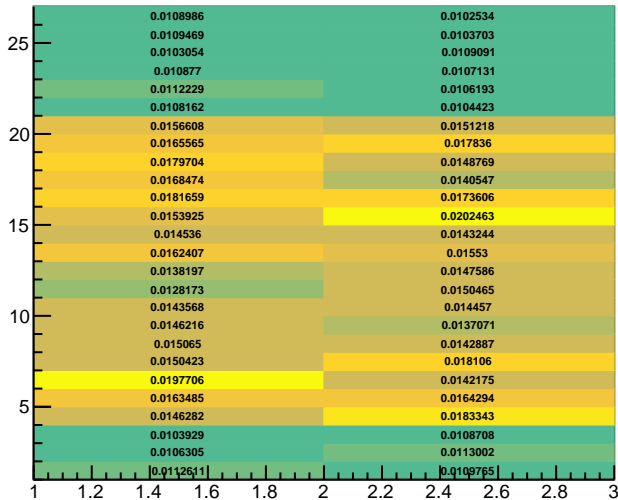
Old ADC Gain Coefficients | SH



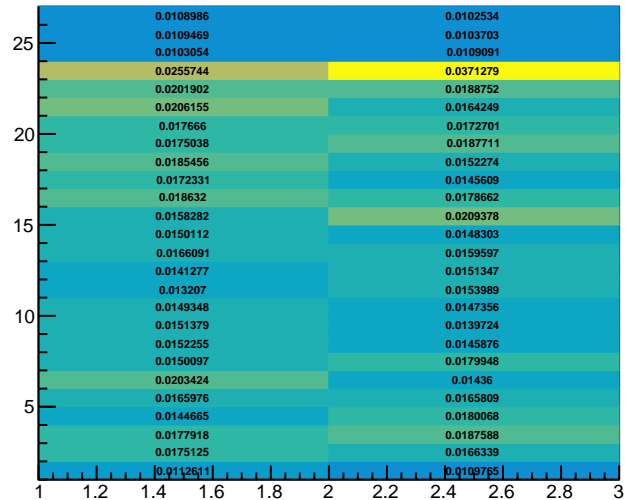
New ADC Gain Coefficients | SH



Old ADC Gain Coefficients | PS



New ADC Gain Coefficients | PS



**Configfile: BBCal\_replay/macros/Combined\_macros/cfg/sbs4-sbs0p.cfg**

**Date of creation: 2/20/2023**

**Total no. of events analyzed: 4693901**

**E/p (before calib.) |  $\mu = 0.97$ ,  $\sigma = (6.346 \pm 0.000)$  p**

**E/p (after calib.) |  $\mu = 0.99$ ,  $\sigma = (6.191 \pm 0.000)$  p**

**Global cuts: `bb.tr.n==1&&abs(bb.tr.vz[0])<0.08&&bb.gem.track.nhits>3&&bb.ps.e>0.2`**

**p\_recon > 1.6 GeV/c**