E/p

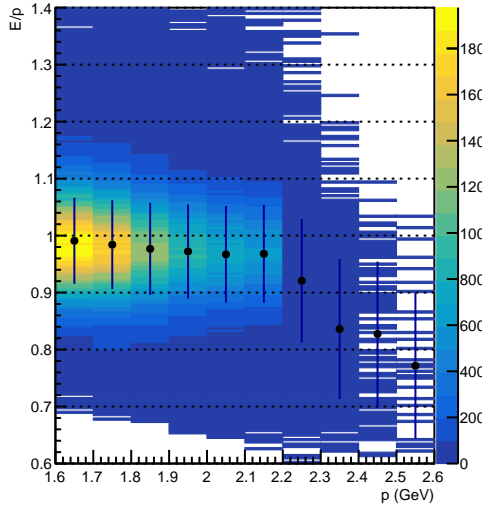Before calib., μ = 0.98, σ = (6.580 ± 0.000) p
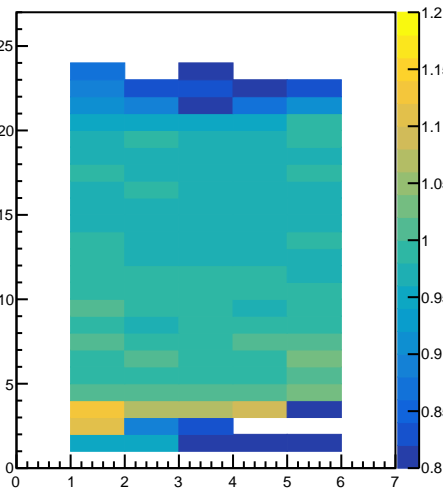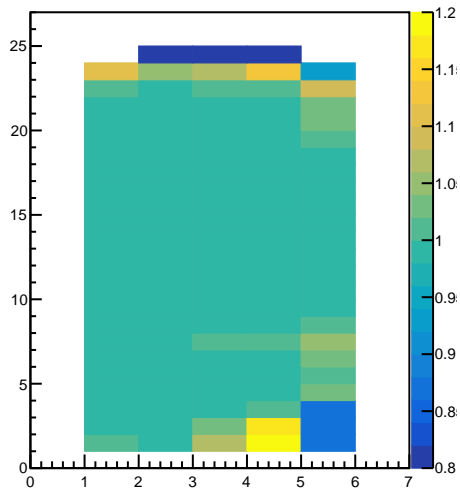After calib., μ = 0.99, σ = (6.323 ± 0.000) p

E/p vs p

E/p vs p | After Calib.
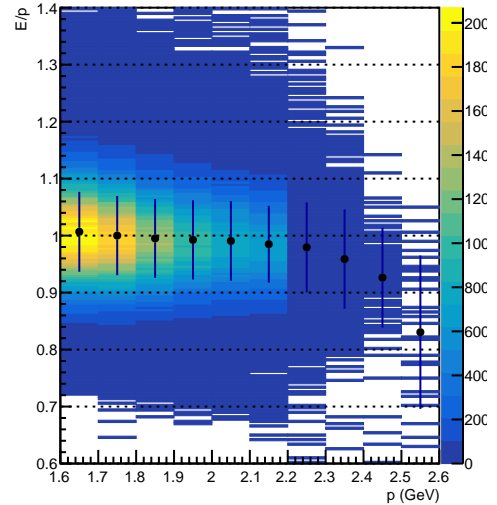
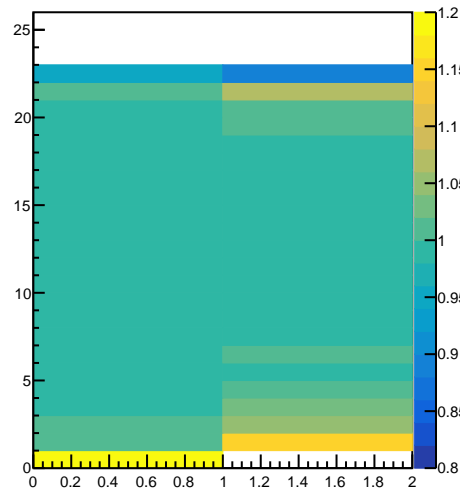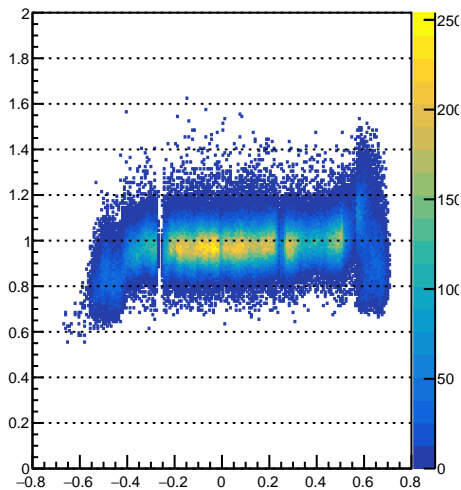**E/p per SH block**
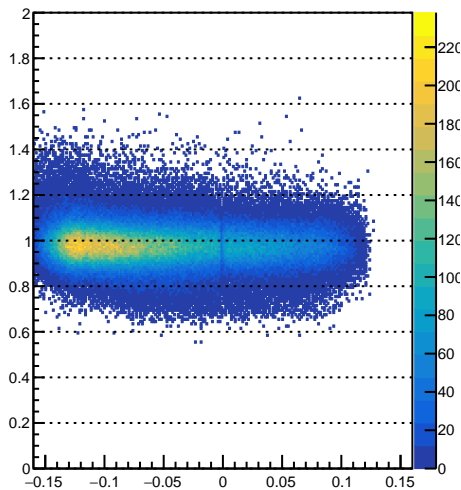
E/p per SH block | After Calib.

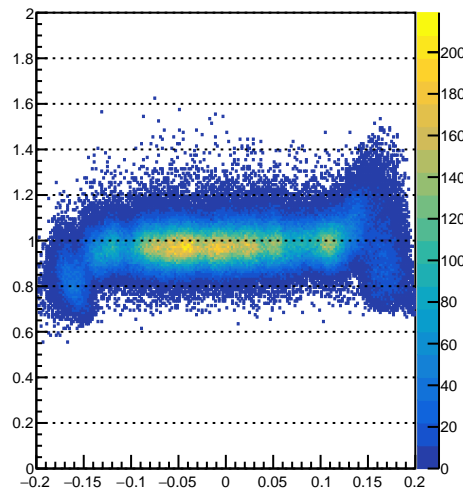**E/p per PS block | After Calib.**
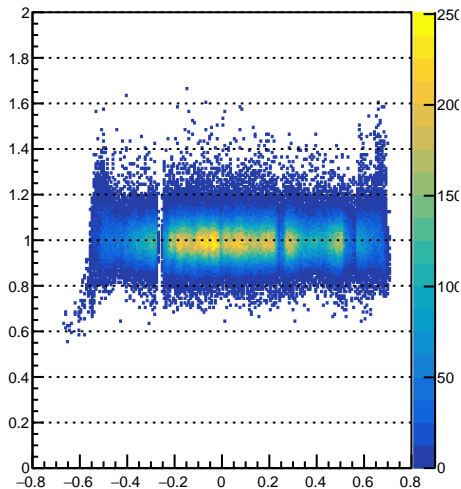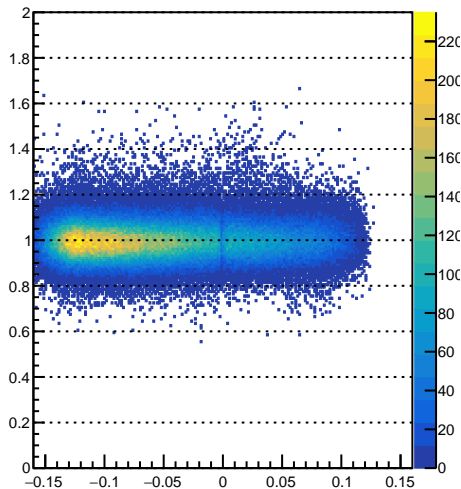
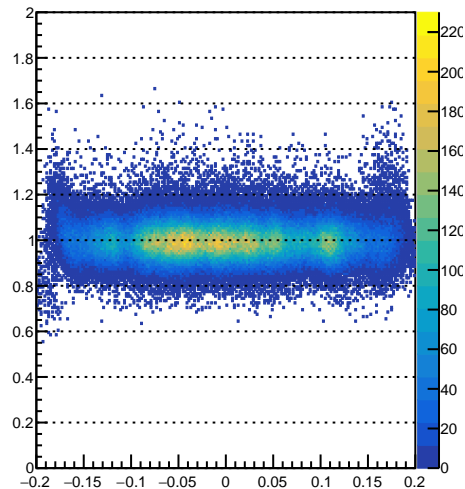E/p vs Track x   E/p vs Track y   E/p vs Track theta
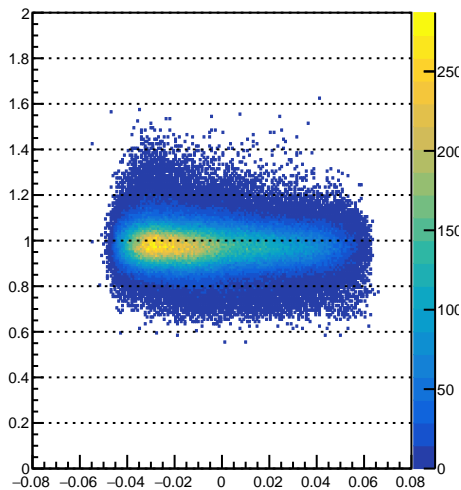
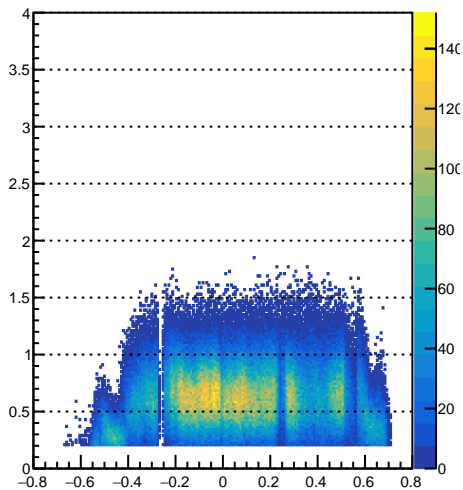E/p vs Track x | After Calib.   E/p vs Track y | After Calib.   E/p vs Track theta | After Calib.
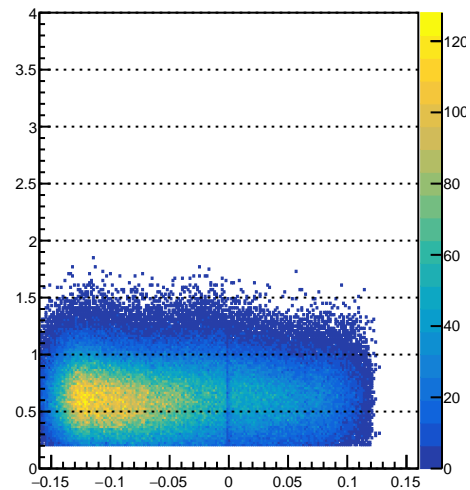
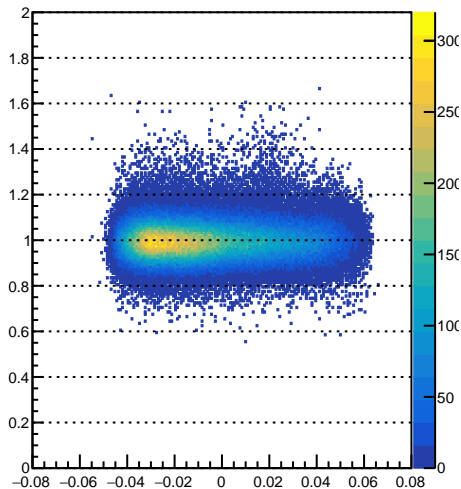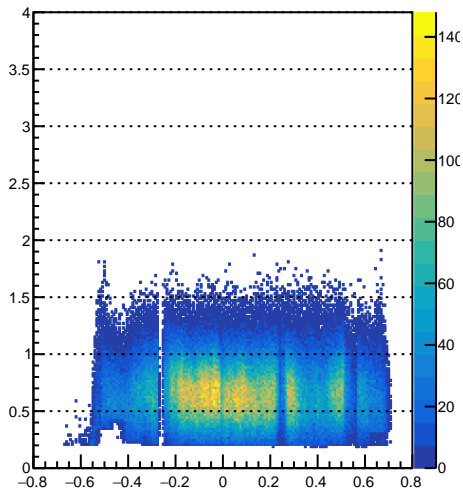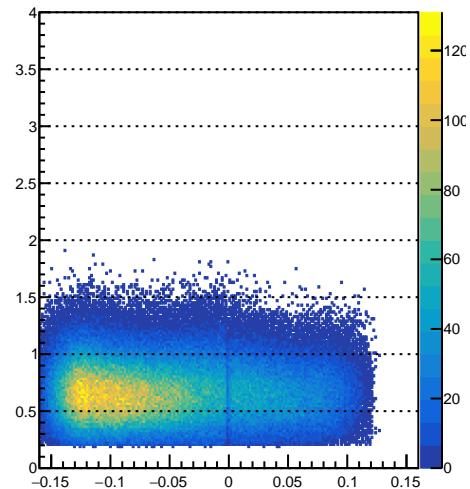E/p vs Track phi   PS energy vs Track x   PS energy vs Track y
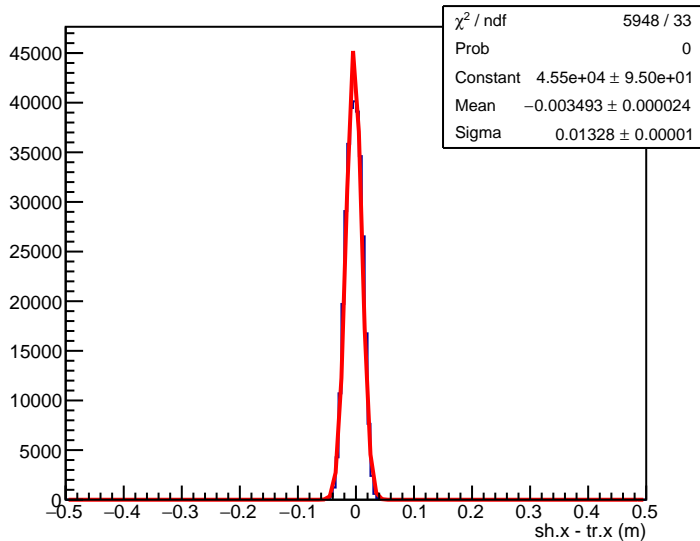
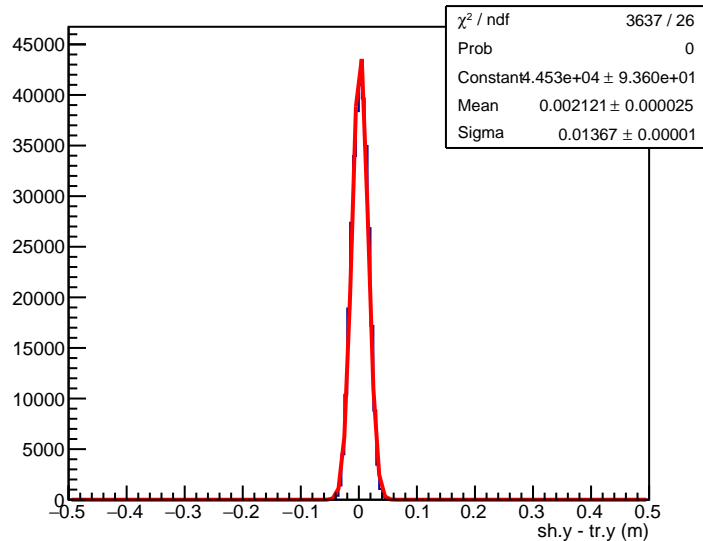E/p vs Track phi | After Calib.   PS energy vs Track x | After Calib.   PS energy vs Track y | After Calib.

Vertical Position Difference

χ² / ndf	5948 / 33
Prob	0
Constant	4.55e+04 ± 9.50e+01
Mean	−0.003493 ± 0.000024
Sigma	0.01328 ± 0.00001

sh.x - tr.x (m)

Horizontal Position Difference

χ² / ndf	3637 / 26
Prob	0
Constant	4.453e+04 ± 9.360e+01
Mean	0.002121 ± 0.000025
Sigma	0.01367 ± 0.00001

sh.y - tr.y (m)

Vertical Pos. Diff. | After Calib.

χ² / ndf	6009 / 32
Prob	0
Constant	4.547e+04 ± 9.493e+01
Mean	−0.003504 ± 0.000024
Sigma	0.01329 ± 0.00001

sh.x - tr.x (m)
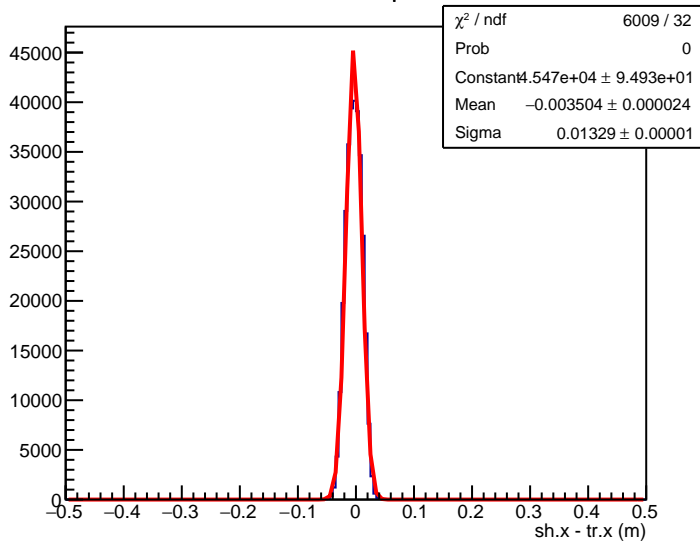
Horizontal Pos. Diff. | After Calib.

χ² / ndf	3733 / 26
Prob	0
Constant	4.448e+04 ± 9.353e+01
Mean	0.002148 ± 0.000025
Sigma	0.01368 ± 0.00001

sh.y - tr.y (m)
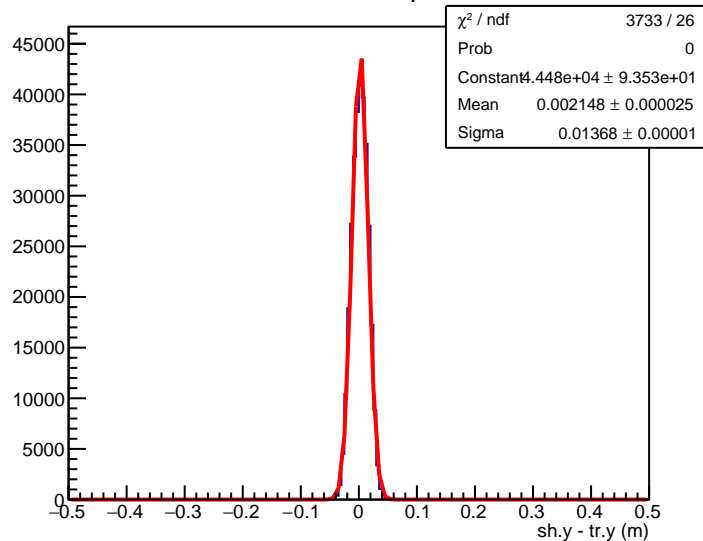
Old ADC Gain Coefficients | SH
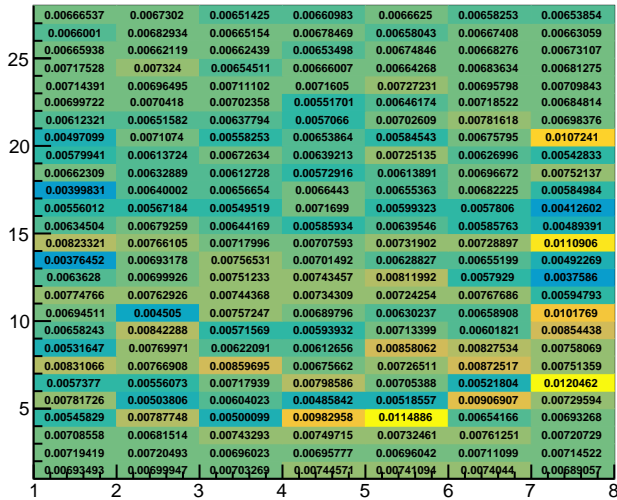
New ADC Gain Coefficients | SH

Old ADC Gain Coefficients | PS

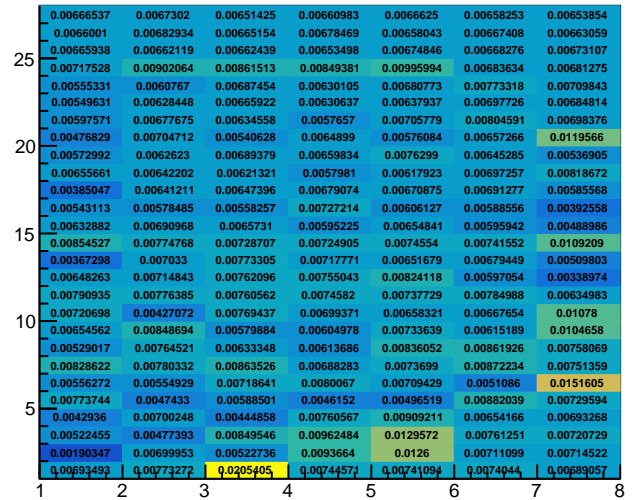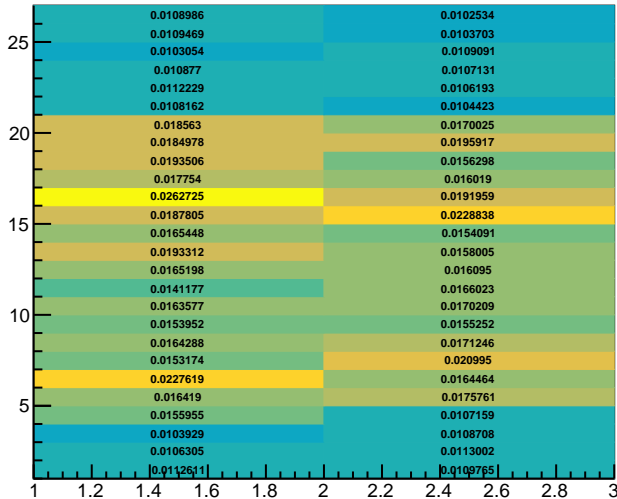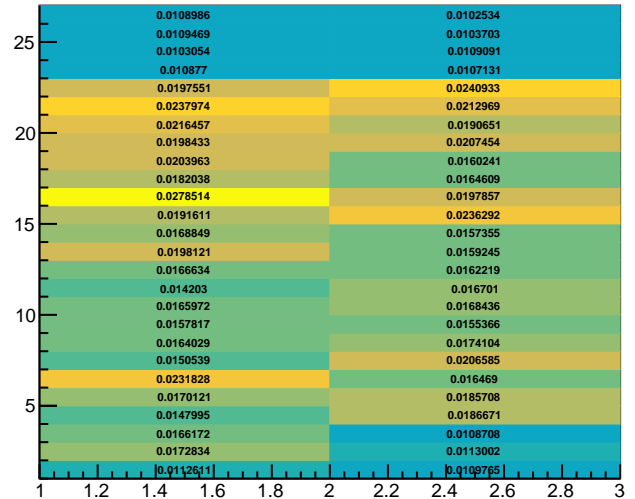New ADC Gain Coefficients | PS

Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs4-sbs50p.cfg

Date of creation: 2/20/2023

Total no. of events analyzed: 1194686

E/p (before calib.) | μ **= 0.98,** σ **= (6.580** $\pm$ **0.000) p**

E/p (after calib.) | μ **= 0.99,** σ **= (6.323** $\pm$ **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