E/p

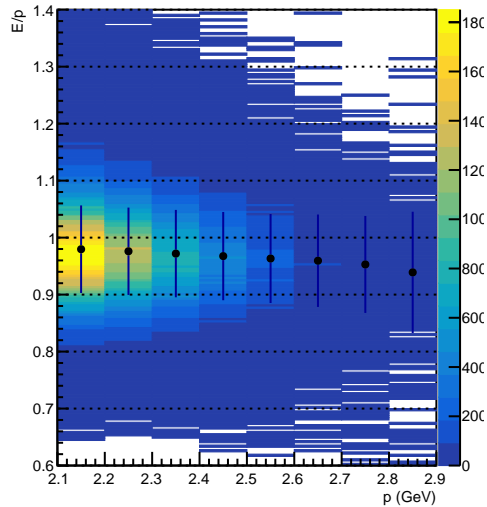Before calib., μ = 0.97, σ = (6.387 ± 0.000) p
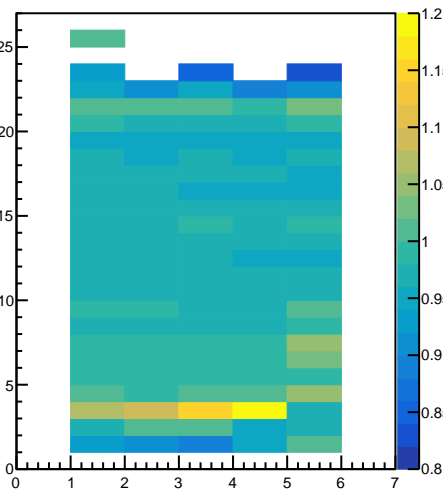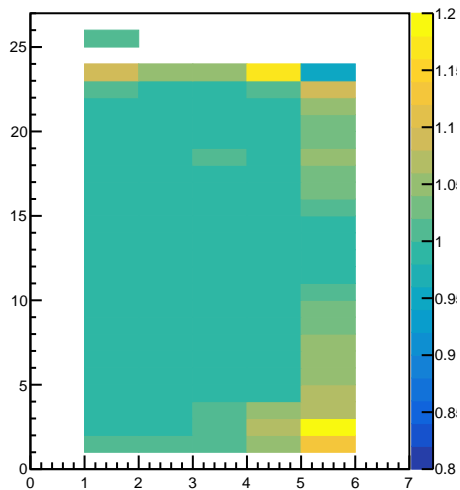After calib., μ = 0.99, σ = (6.200 ± 0.000) p

E/p vs p

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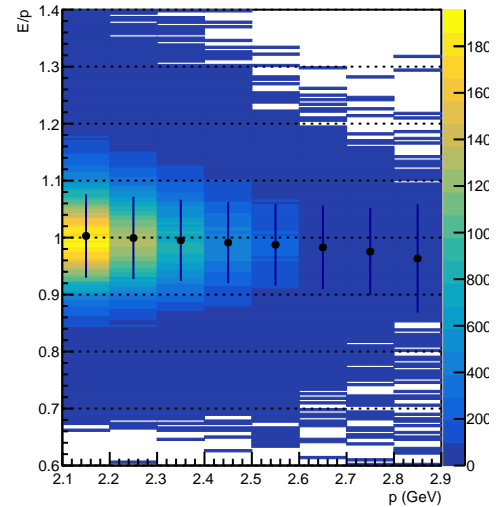
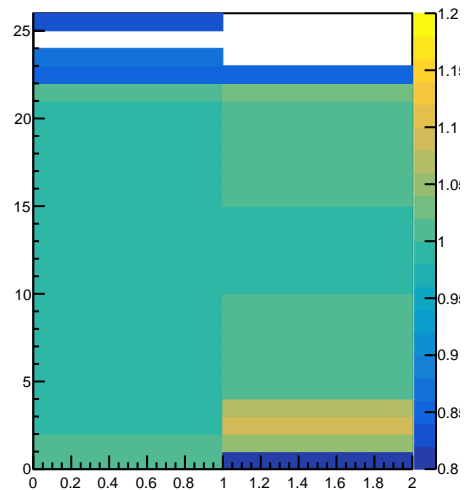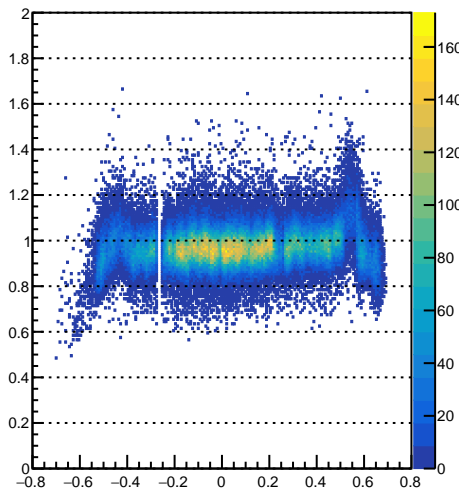**E/p per SH block**

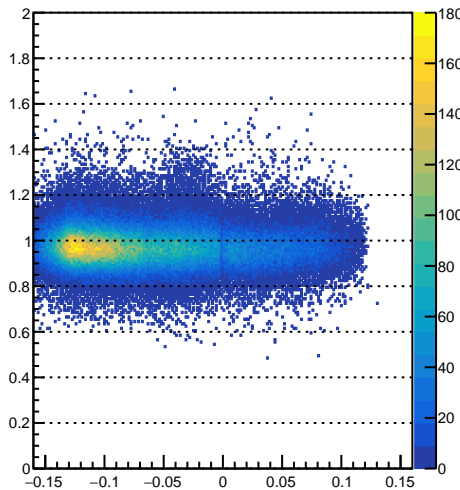**E/p per SH block | After Calib.**

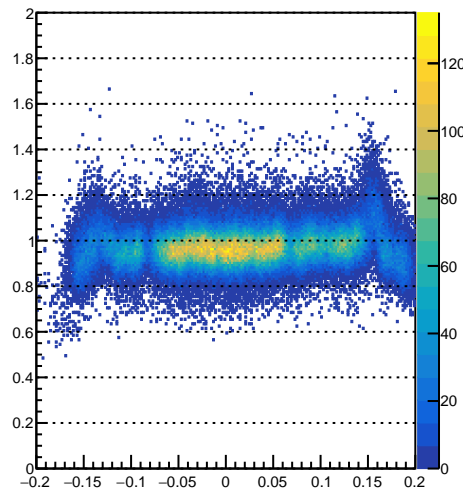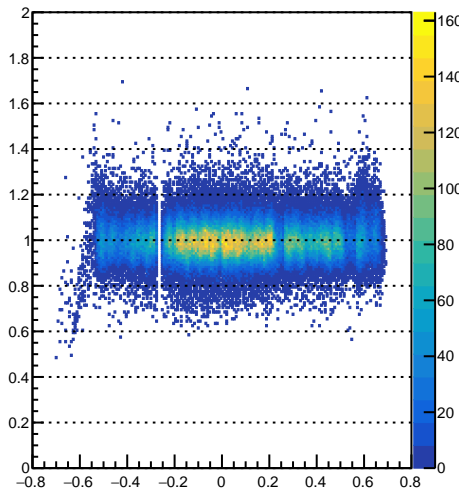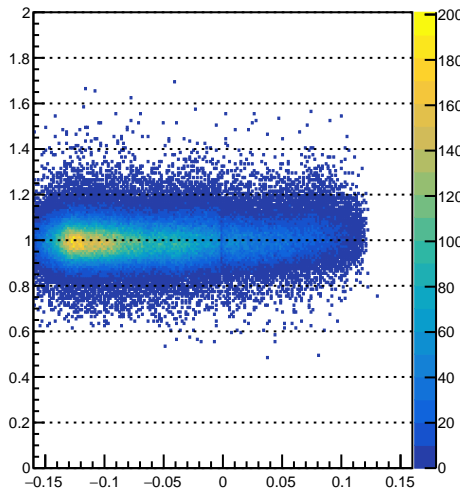**E/p per PS block | After Calib.**

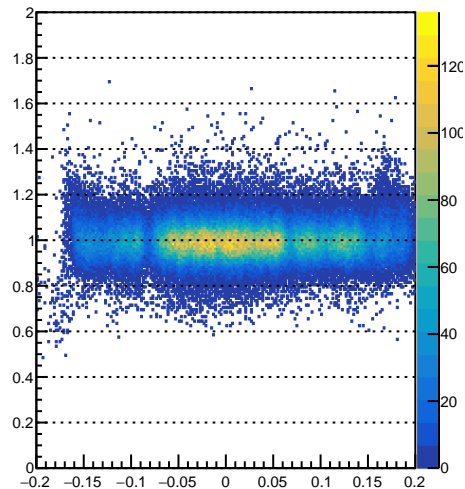E/p vs Track x   E/p vs Track y   E/p vs Track theta
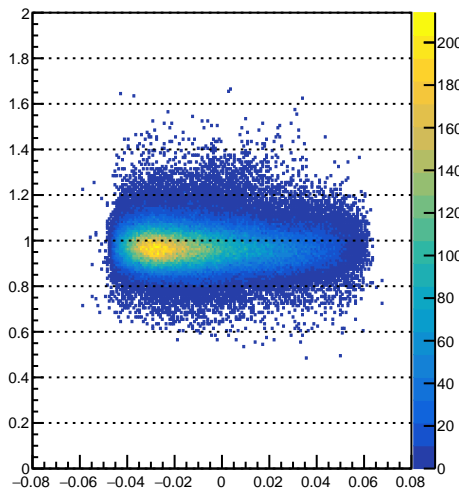
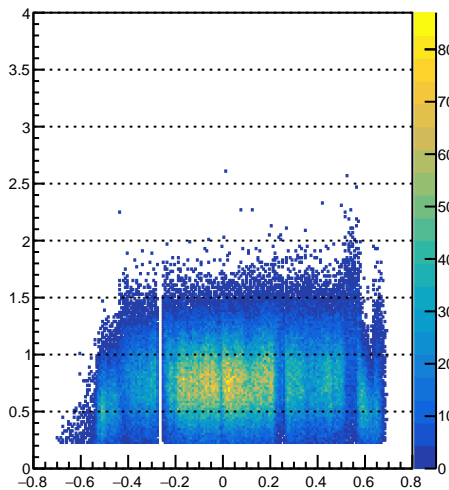E/p vs Track x | After Calib.   E/p vs Track y | After Calib.   E/p vs Track theta | After Calib.

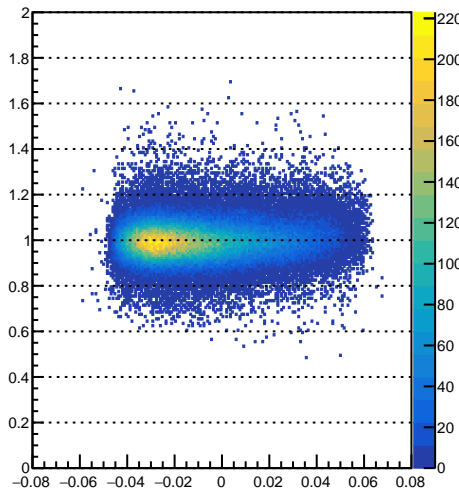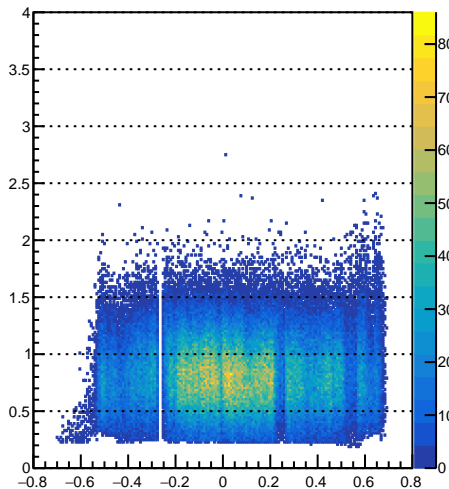**E/p vs Track phi**   **PS energy vs Track x**   **PS energy vs Track y**
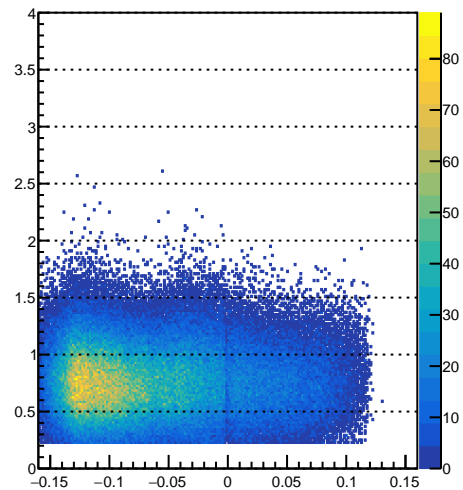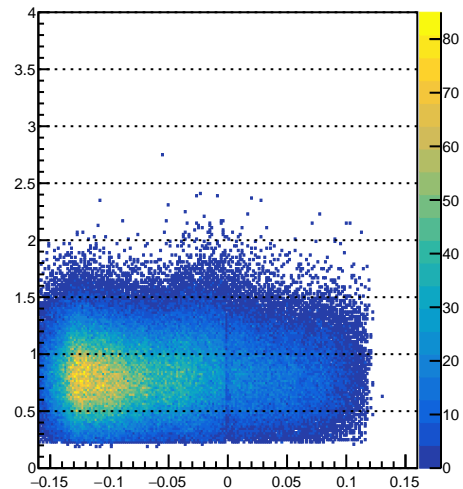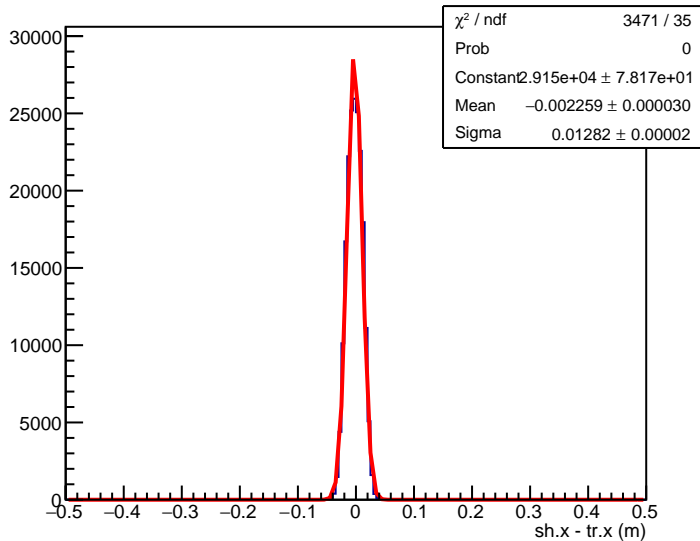
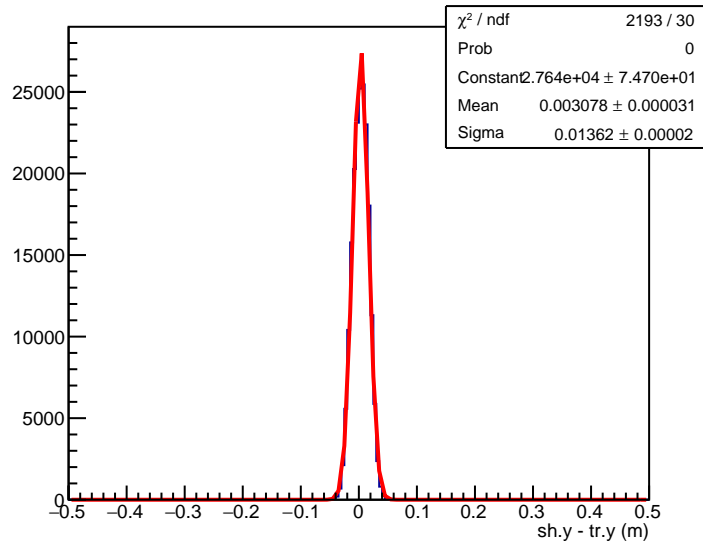**E/p vs Track phi | After Calib.**   **PS energy vs Track x | After Calib.**   **PS energy vs Track y | After Calib.**

Vertical Position Difference

χ² / ndf	3471 / 35
Prob	0
Constant	2.915e+04 ± 7.817e+01
Mean	−0.002259 ± 0.000030
Sigma	0.01282 ± 0.00002

Horizontal Position Difference

χ² / ndf	2193 / 30
Prob	0
Constant	2.764e+04 ± 7.470e+01
Mean	0.003078 ± 0.000031
Sigma	0.01362 ± 0.00002

Vertical Pos. Diff. | After Calib.

χ² / ndf	3483 / 36
Prob	0
Constant	2.913e+04 ± 7.811e+01
Mean	−0.002267 ± 0.000030
Sigma	0.01283 ± 0.00002
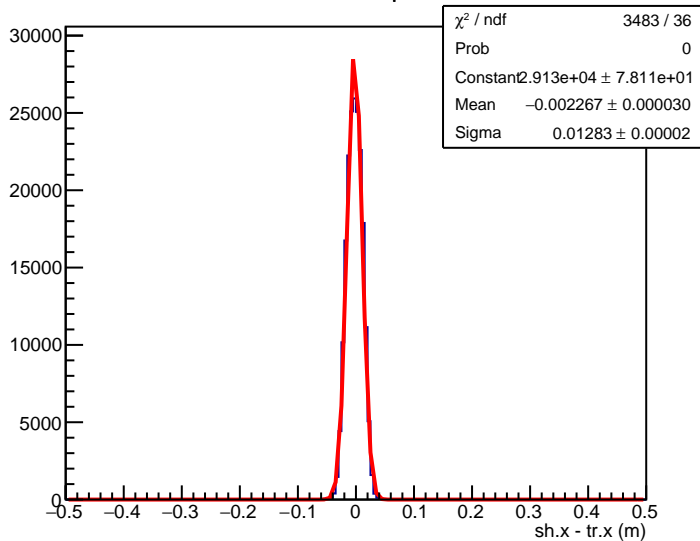
Horizontal Pos. Diff. | After Calib.

χ² / ndf	2325 / 30
Prob	0
Constant	2.762e+04 ± 7.464e+01
Mean	0.003073 ± 0.000031
Sigma	0.01361 ± 0.00002
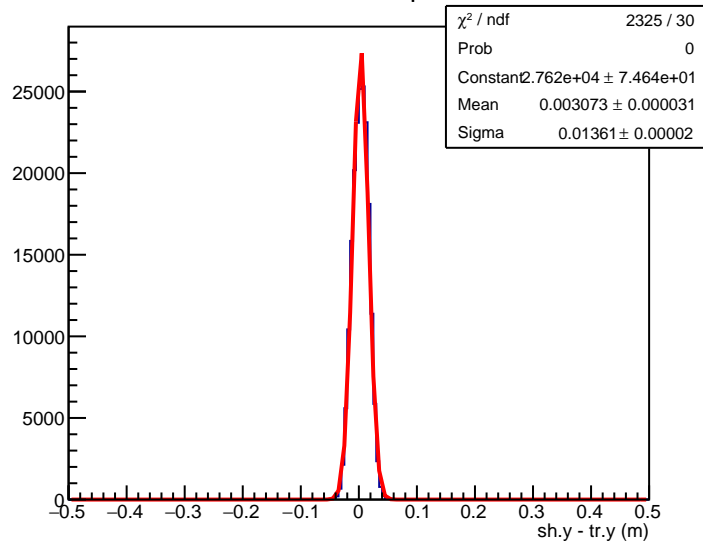
Old ADC Gain Coefficients | SH
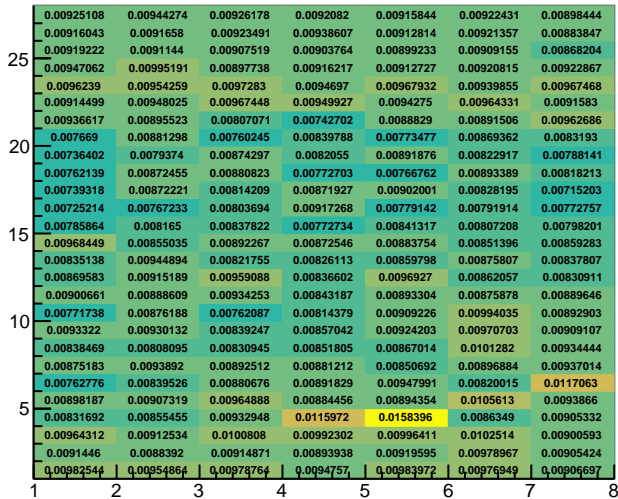
New ADC Gain Coefficients | SH

Old ADC Gain Coefficients | PS

New ADC Gain Coefficients | PS
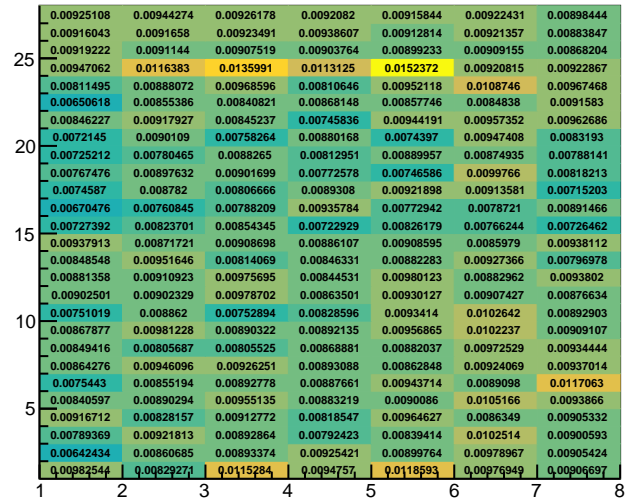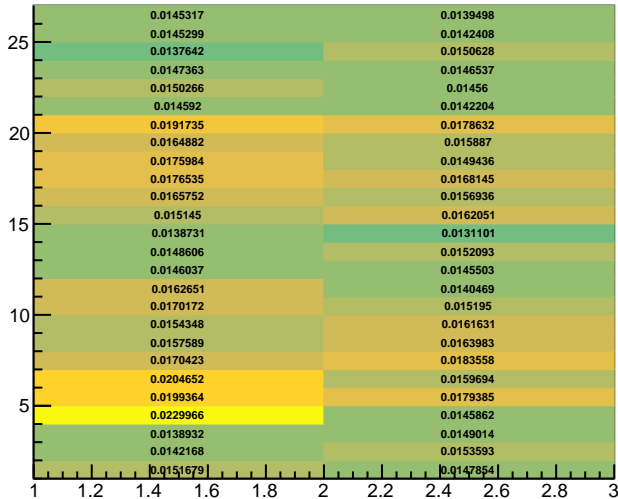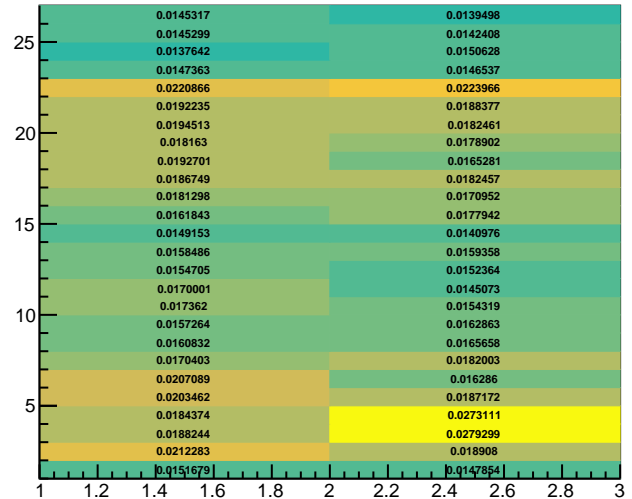
Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs7-sbs85p.cfg

Date of creation: 2/20/2023

Total no. of events analyzed: 2856531

E/p (before calib.) | μ **= 0.97,** σ **= (6.387** $\pm$ **0.000) p**

E/p (after calib.) | μ **= 0.99,** σ **= (6.200** $\pm$ **0.000) p**

Global cuts: bb.tr.n==1&&abs(bb.tr.vz[0])<0.08&&bb.gem.track.nhits>3&&bb.ps.e>0.22

p_recon > 2.1 GeV/c