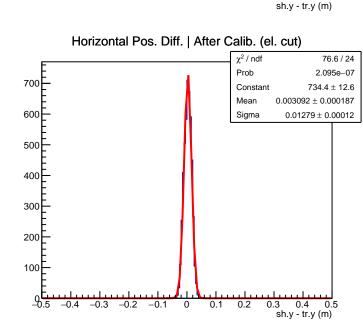
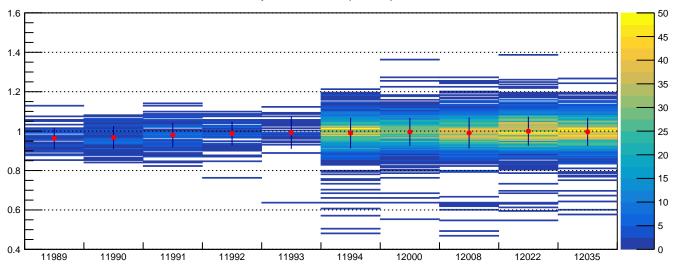


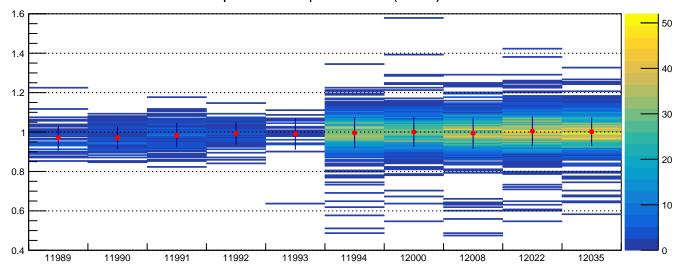
0.1



E/p vs Run no. (el. cut)



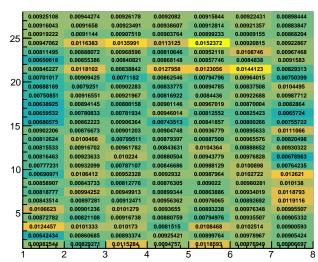
E/p vs Run no. | After Calib. (el. cut)



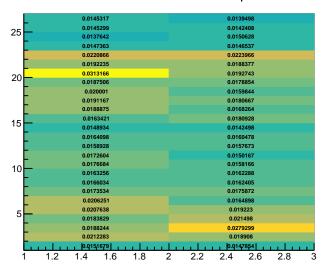
Old ADC Gain Coefficients | SH

- 1	0.00925108	0.00944274	0.00926178	0.0092082	0.00915844	0.00922431	0.00898444
	0.00925108	0.00944274	0.00926176	0.0092062	0.00913844	0.00922431	0.00883847
25	0.00919043	0.0091036	0.00923491		0.00912814	0.00921357	0.00868204
				0.00903764			
	0.00947062	0.0116383	0.0135991	0.0113125	0.0152372	0.00920815	0.00922867
	_0.00811495	0.00888072	0.00968596	0.00810646	0.00952118	0.0108746	0.00967468
20	0.00650618	0.00855386	0.00840821	0.00868148	0.00857746	0.0084838	0.0091583
	0.00846227	0.00860501	0.00834457	0.00691241	0.00990493	0.00955097	0.00829313
	0.0078136	0.0089167	0.00734506	0.00906878	0.00759276	0.00884517	0.00750399
	0.00705613	0.00777021	0.00874542	0.00826432	0.00904559	0.00819854	0.00870671
	0.00627541	0.00906447	0.0089942	0.0074826	0.00800579	0.00942967	0.00609749
	0.00683496	0.00870725	0.00781334	0.00905746	0.00938377	0.00864699	0.00861411
15	0.0071899	0.00746588	0.0077984	0.00936082	0.00778235	0.00805078	0.00785822
	0.00631062	0.00851503	0.00892372	0.00751375	0.00817507	0.00782874	0.00724327
	0.00991013	0.00857443	0.00898852	0.00884538	0.0092033	0.00844175	0.0112913
	0.00843237	0.0096266	0.00804132	0.00864448	0.00848575	0.00923835	0.0081222
	0.00933365	0.00893768	0.00986335	0.00845751	0.00985753	0.00853035	0.0102586
- 1	0.00845918	0.00916917	0.00998629	0.00868944	0.00943342	0.0093765	0.0069498
10	0.00830199	0.0089076	0.00768676	0.00838296	0.00950424	0.00944266	0.0093114
	0.00611856	0.0103495	0.00892592	0.00918083	0.0100048	0.0100951	0.0108018
	0.0104627	0.00795202	0.00792916	0.00879133	0.00936779	0.00869193	0.010138
- 1	0.00837943	0.00963497	0.00962443	0.00920996	0.00908892	0.00898649	0.0118793
	0.00784212	0.00892309	0.00914728	0.00876234	0.0097741	0.00861192	0.00726454
_	0.0100323	0.0087102	0.00983805	0.00895442	0.00914074	0.00869741	0.00995507
5	0.00924609	0.00827467	0.00908589	0.00875059	0.00901641	0.00925653	0.00905332
	0.00913229	0.0103508	0.0104068	0.00903971	0.0121617	0.0102514	0.00900593
	0.00642434	0.00860685	0.00893374	0.00925421	0.00899764	0.00978967	0.00905424
	0.00042434	0.00829271	0.00055574	0.00323421	0.00035704	0.00976949	0.00303424
	4.000034044	4.04029271	4.04.0403	4.04041011	7.0 1.0000	- decobidada	40000000

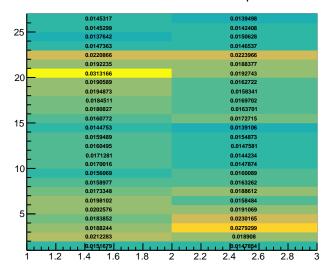
New ADC Gain Coefficients | SH

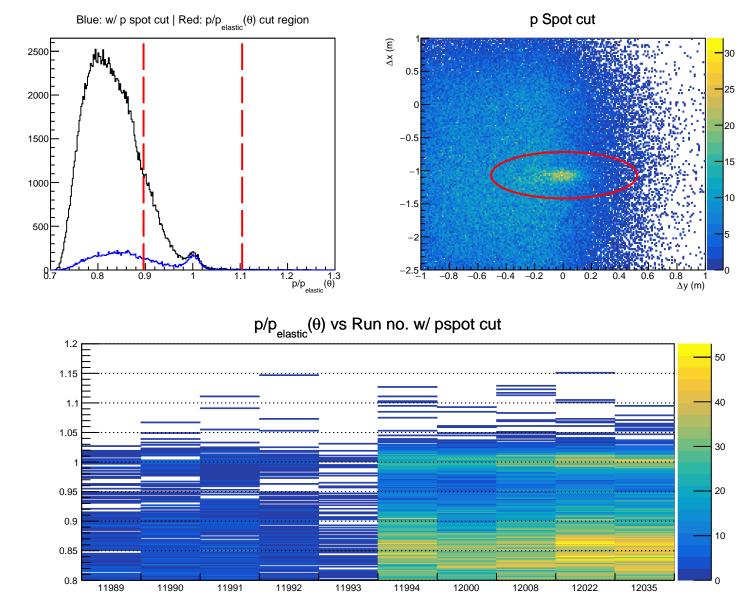


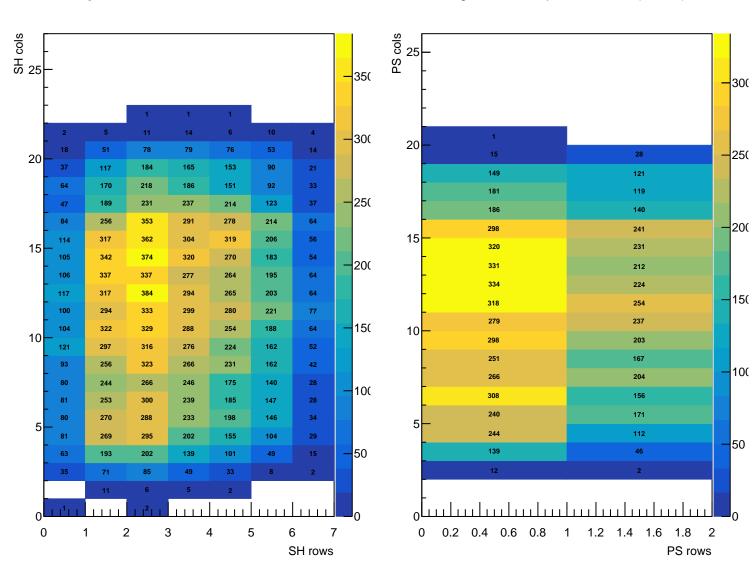
Old ADC Gain Coefficients | PS



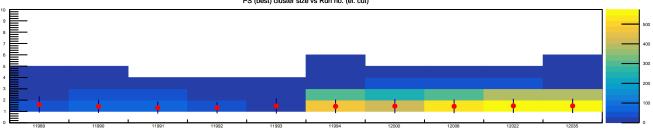
New ADC Gain Coefficients | PS



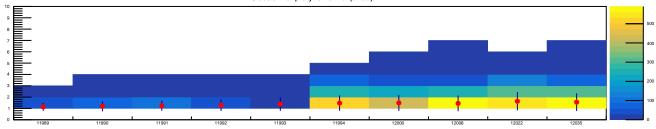




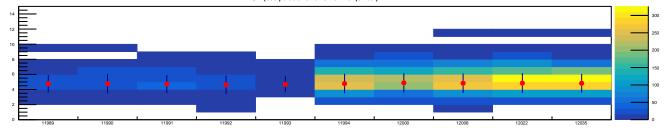




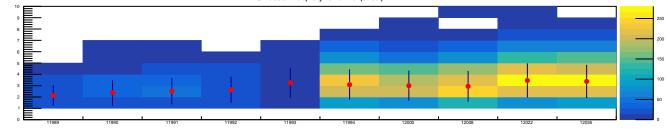
PS cluster multiplicity vs Run no. (el. cut)



SH (best) cluster size vs Run no. (el. cut)



SH cluster multiplicity vs Run no. (el. cut)



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Date of creation: 12/10/2023
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Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs7-sbs85p-set1.cfg

Total # events analyzed: 3690099, Preparing for replay pass: 2 E/p (before calib.) | μ = 1.00, σ = (5.667 \pm 0.094) p

E/p (after calib.) | μ = 1.00, σ = (5.749 ± 0.098) p

Global cuts:

bb.tr.n==1, abs(bb.tr.vz[0])<0.08, bb.gem.track.nhits>3,

abs(bb.tr.r_x[0]-0.9*bb.tr.r_th[0]-0.005)<0.33, PS cluster energy > 0.2 GeV

p_recon > 2.1 GeV/c

events passed global cuts: 180024

Elastic cuts: |p/p_{al}(θ) - 1.000| ≤ 8.0*0.013

proton enot out ranges:

proton spot cut ranges:

 Δx (m): Mean = -1.0686, 5.0 σ = 0.0702 Δy (m): Mean = 0.0066, 6.0 σ = 0.0856

events passed global & elastic cuts: 5889

Other cuts:

Minimum # events per block: 30 | Cluster hit threshold: 0.02 GeV (SH), 0.01 GeV (PS)

Cluster tmax cut: 10.0 ns (SH), 10.0 ns (PS) | Cluster energy fraction cut: 0.0 GeV (SH), 0.0 GeV (PS)

Various offsets:

Momentum fudge factor: 1.00, BBCAL cluster energy scale factor: 1.00

Macro processing time: CPU 266.1s | Real 419.4s