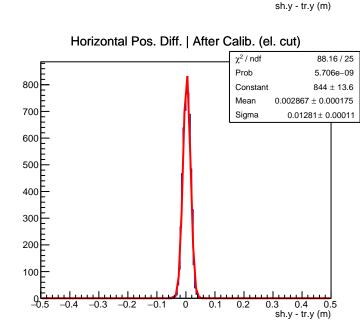
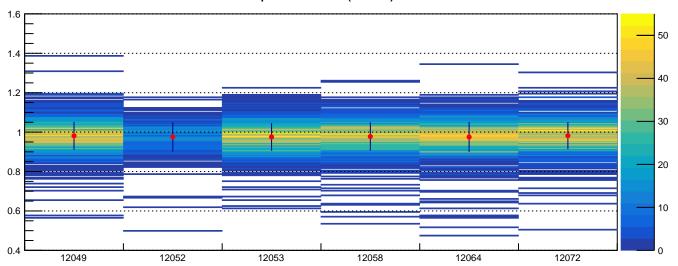


0

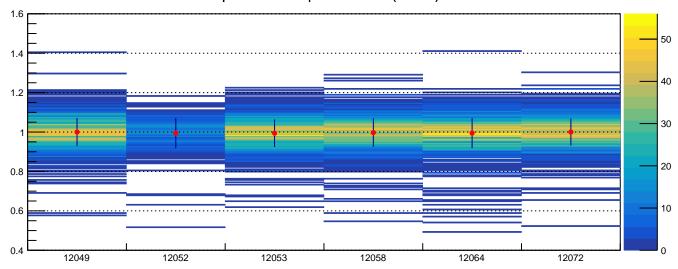
0.1



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



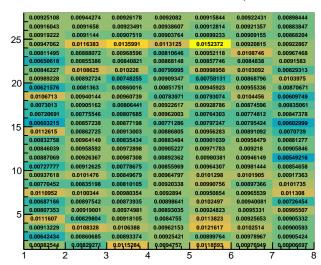
E/p vs Run no. | After Calib. (el. cut)



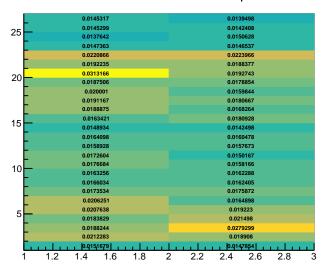
Old ADC Gain Coefficients | SH

25	0.00925108 0.00916043 0.00919222 0.00947062 0.00811495 0.00650618	0.00944274 0.0091658 0.0091144 0.0116383 0.00888072	0.00926178 0.00923491 0.00907519 0.0135991	0.0092082 0.00938607 0.00903764 0.0113125	0.00915844 0.00912814 0.00899233	0.00922431 0.00921357 0.00909155	0.00898444 0.00883847 0.00868204
25	0.00919222 0.00947062 0.00811495	0.0091144 0.0116383	0.00907519	0.00903764			
25	0.00947062 0.00811495	0.0116383			0.00033233		
	0.00811495		0.0133331		0.0152372	0.00920815	0.00000204
ľ			0.00968596	0.0113123	0.0152372	0.0108746	0.00922867
		0.00855386	0.00840821	0.00868148	0.00952118	0.0084838	0.00907408
	0.00846227	0.00860501	0.00834457	0.00691241	0.00990493	0.00955097	0.0031303
- 1	0.00840227	0.00800501	0.00634457	0.00091241	0.00350493	0.00933097	0.00829313
20	0.00705613	0.0009107	0.00734500	0.00900878	0.00739276	0.00804317	0.00730399
- 1	0.00703013	0.00777021	0.00874342	0.00820432	0.00800579	0.00819854	0.00670071
- 1	0.00627541	0.00906447	0.0089942	0.0074626	0.00800579	0.00942967	0.00861411
- 1	0.0071899	0.00870725	0.00761334	0.00905746	0.00938377	0.00805078	0.00861411
- 1							
15	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
- 1	0.00843237	0.0096266	0.00804132	0.00864448	0.00848575	0.00923835	0.0081222
- 1							
- 1	_0.00845918	0.00916917	0.00998629	0.00868944	0.00943342	0.0093765	0.0069498
10	<u>0</u> .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
L	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
5	0.0100323	0.0087102	0.00983805	0.00895442	0.00914074	0.00869741	0.00995507
٧,	0.00924609	0.00827467	0.00908589	0.00875059	0.00901641	0.00925653	0.00905332
L	0.00913229	0.0103508	0.0104068	0.00903971	0.0121617	0.0102514	0.00900593
L	_0.00642434	0.00860685	0.00893374	0.00925421	0.00899764	0.00978967	0.00905424
ı	0.00982544	0.00829271	0.0115284	9.0994757	0.0118593	0,00976949	0.00906697

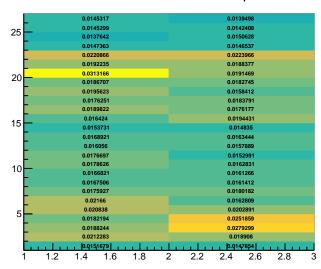
New ADC Gain Coefficients | SH

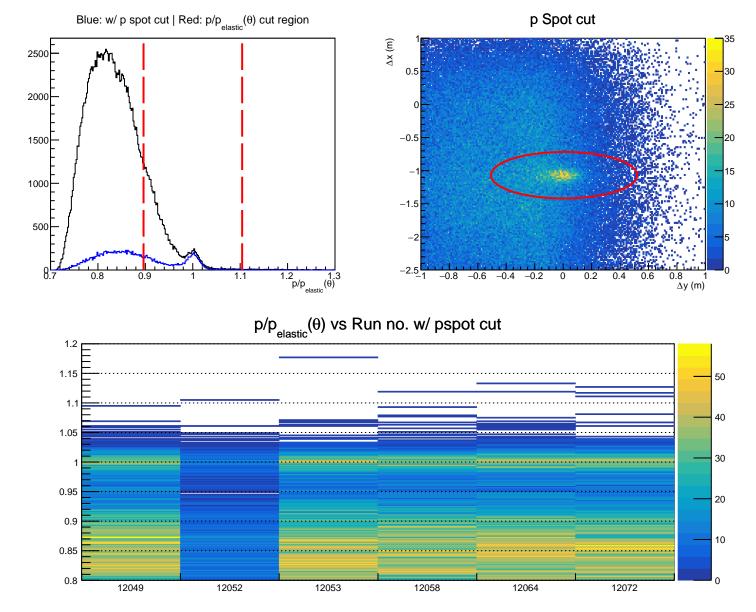


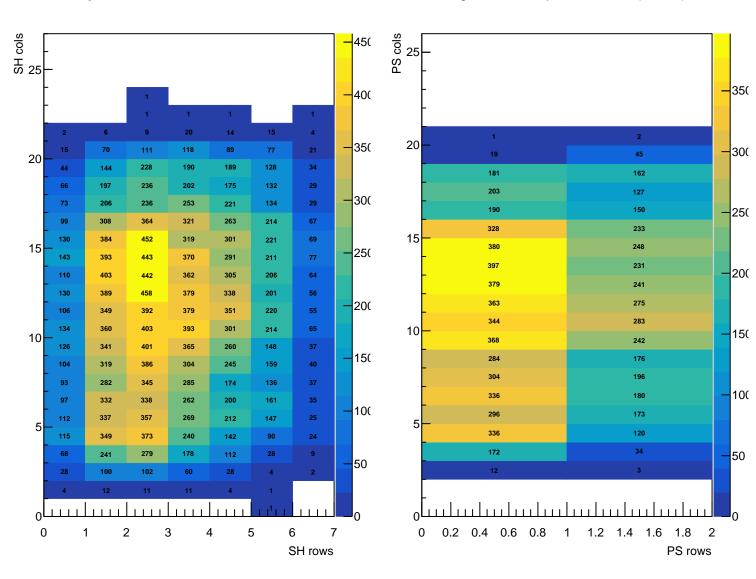
Old ADC Gain Coefficients | PS

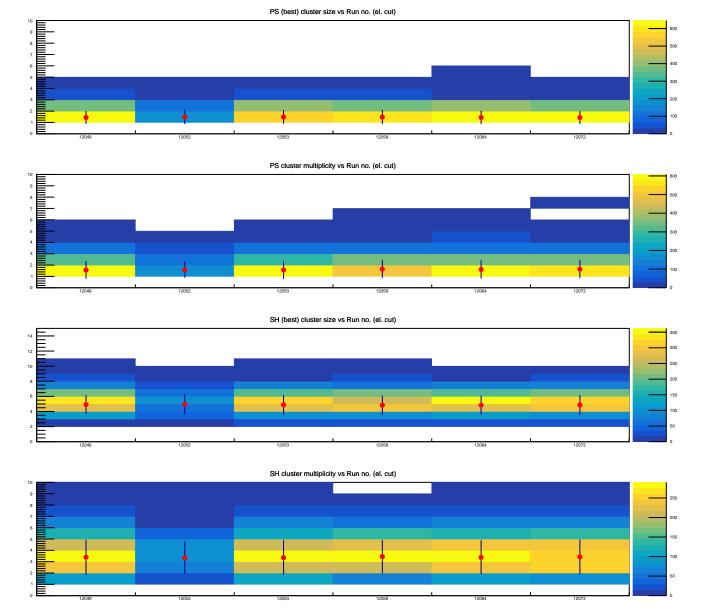


New ADC Gain Coefficients | PS









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Date of creation: 12/10/2023
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Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs7-sbs85p-set2.cfg

Total # events analyzed: 2477118, Preparing for replay pass: 2 E/p (before calib.) | μ = 0.98, σ = (5.895 \pm 0.109) p

E/p (after calib.) $\mu = 1.00$, $\sigma = (5.852 \pm 0.107)$ 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: 186107

Elastic cuts: $|p/p_{ol}(\theta) - 1.000| \le 8.0*0.013$

proton spot cut ranges:

 Δx (m): Mean = -1.0686, 5.0 σ = 0.0702

 Δv (m): Mean = 0.0066, 6.0 σ = 0.0856 # events passed global & elastic cuts: 6716

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 160.0s | Real 198.1s