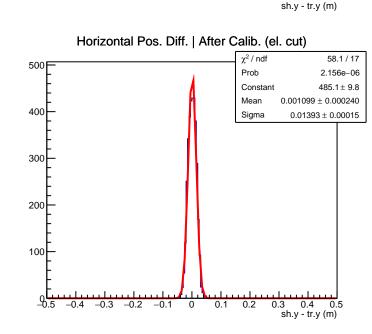
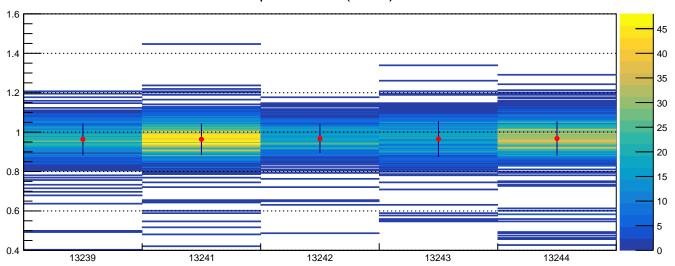


0.1

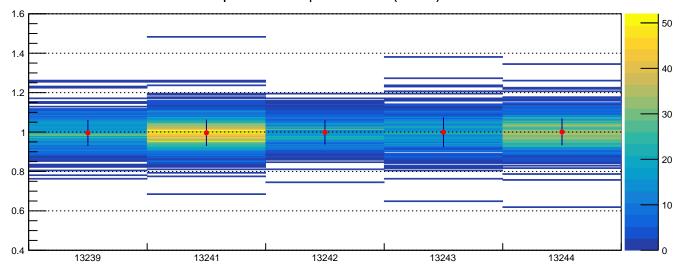
100



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



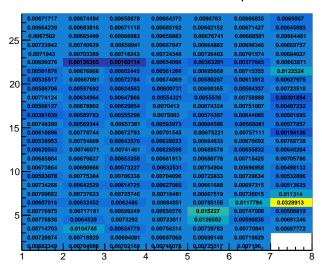
E/p vs Run no. | After Calib. (el. cut)



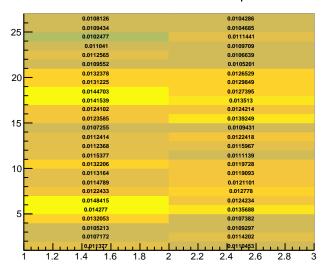
Old ADC Gain Coefficients | SH

		0.00074404					0.0005007
	0.00671717	0.00674494	0.00658878	0.00664373	0.0066763	0.00666835	0.0065067
25	_0.00664239	0.00683816	0.00671118	0.00685192	0.00662152	0.00671427	0.00645893
	0.0067502	0.00665499	0.00666083	0.00659883	0.00676741	0.00668501	0.00664461
	0.00723942	0.00740629	0.00659941	0.00667847	0.00664882	0.00690346	0.00669757
	0.0071943	0.00703389	0.00718243	0.00724348	0.00726403	0.00701574	0.00694027
20	0.00699276	0.00712874	0.00760928	0.00928571	0.00565173	0.0062919	0.00663971
	0.00514892	0.00693056	0.00629659	0.00549098	0.00702715	0.0067362	0.00684261
	0.00569103	0.00648862	0.00563051	0.00646997	0.00546146	0.00654803	0.00545236
	0.00500455	0.00604456	0.00597294	0.0060565	0.00662547	0.00596119	0.0054392
	0.00681256	0.00602817	0.00653718	0.00524417	0.00598256	0.00696602	0.00631567
15	0.00413276	0.00673851	0.00608138	0.00638054	0.00702226	0.00619995	0.00648921
	0.00439711	0.00528049	0.00555669	0.00703415	0.00577892	0.00597096	0.00573531
	0.00594622	0.00539441	0.00623596	0.00543785	0.005981	0.00544861	0.00495394
	0.00574251	0.0071975	0.00630599	0.00658824	0.00670334	0.00664139	0.00587775
	0.00609512	0.00707579	0.00598447	0.00610322	0.00641198	0.00648999	0.00600516
10	0.0077972	0.00674912	0.00709799	0.00611738	0.0068624	0.00641751	0.00598919
	0.00700886	0.00648946	0.00683642	0.00635064	0.0065192	0.00659385	0.00545202
	0.00544981	0.0065901	0.00516886	0.00598233	0.00686841	0.00665163	0.00536604
	0.00727184	0.00703004	0.00647243	0.00649787	0.00705703	0.00697897	0.00593873
	0.00638762	0.0058821	0.00607928	0.00638503	0.00629995	0.00672816	0.00481557
	0.00592364	0.00691887	0.00647327	0.00668764	0.00652772	0.00671757	0.00679678
5	0.00617732	0.00625329	0.00645431	0.00660328	0.00707162	0.00612744	0.00874764
	0.00631541	0.00687879	0.0068187	0.00627647	0.00719974	0.00761712	0.0071429
	0.0067743	0.00677819	0.00749292	0.00859989	0.00842853	0.00645356	0.00691246
	0.00714703	0.00688045	0.00751729	0.00756314	0.00739783	0.00770841	0.00687772
	0.00720874	0.00718929	0.00694081	0.00697069	0.00699149	0.00719829	
	0.00682349	J 0.00704086	0,00702169	0.00746078	0.00725517	0.007196	
	1	2 1	3 4	1	5	6	7

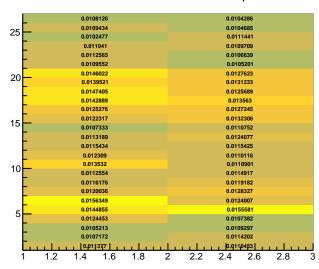
New ADC Gain Coefficients | SH

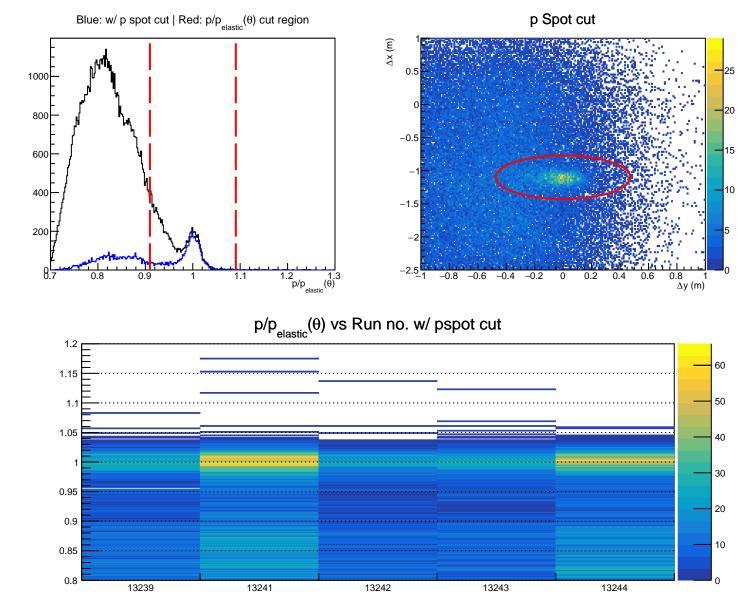


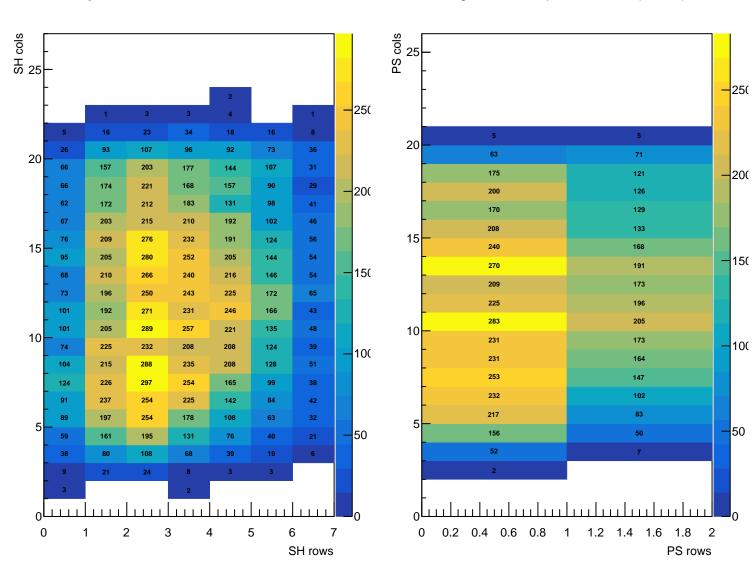
Old ADC Gain Coefficients | PS

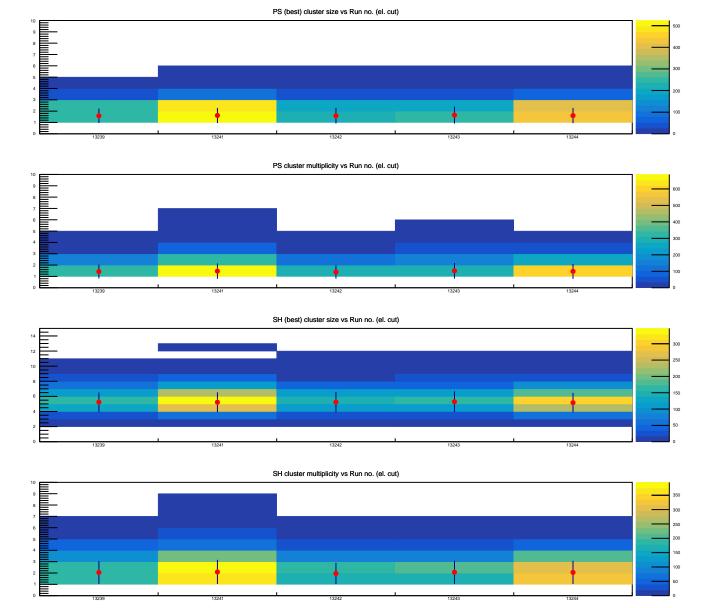


New ADC Gain Coefficients | PS









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Date of creation: 12/11/2023
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Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs14-sbs70p-set1.cfg

Total # events analyzed: 564455, Preparing for replay pass: 2 E/p (before calib.) | $\mu = 0.97$, $\sigma = (6.214 \pm 0.126)$ p

E/p (after calib.) $| \mu = 1.00, \sigma = (6.011 \pm 0.158) p$

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]-0.035)<0.335,
PS cluster energy > 0.2 GeV

p_recon > 1.5 GeV/c

events passed global cuts: 86799

Elastic cuts:

 $|p/p_{el}(\theta) - 1.000| \le 6.0*0.015$ proton spot cut ranges:

 Δx (m): Mean = -1.1000, 4.0 σ = 0.0823

 Δ y (m): Mean = -0.0006, 5.0 σ = 0.0946

events passed global & elastic cuts: 4317
Other cuts:

Minimum # events per block: 15 | 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 53.1s | Real 98.6s