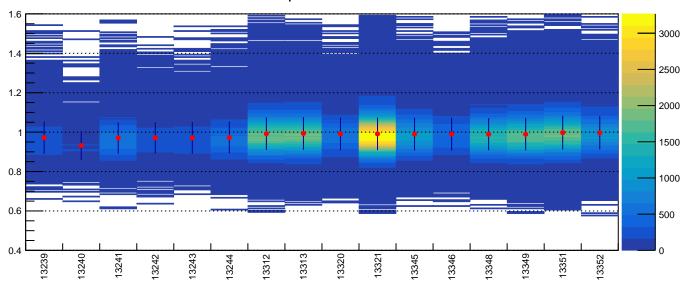
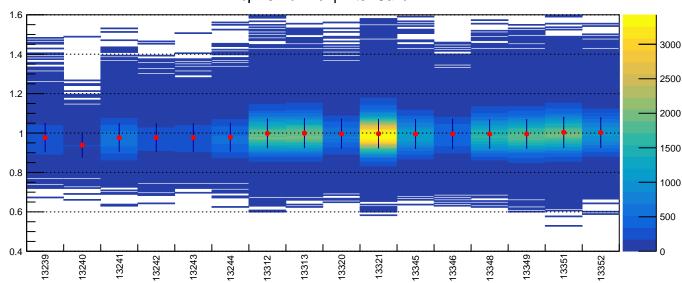


E/p vs Run no.



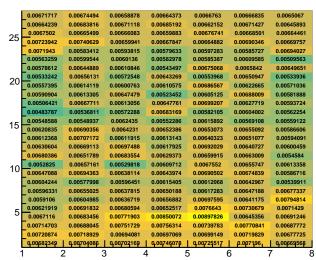
E/p vs Run no. | After Calib.



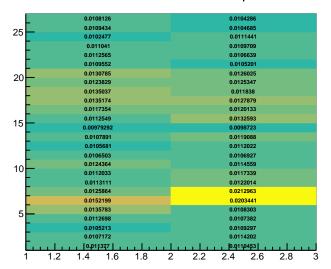
### Old ADC Gain Coefficients | SH

	_0.00671717	0.00674494	0.00658878		0.00664373		0.0066763		0.00666835	0.0065067
	0.00664239	0.00683816	0.00671118		0.00685192		0.00662152		0.00671427	0.00645893
25	0.0067502	0.00665499	0.00666083		0.00659883		0.00676741		0.00668501	0.00664461
23	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
	0.00699276	0.00712874	0.00760928		0.00571306		0.00666833		0.00723586	0.00663971
	0.00693747	0.00696781	0.00560188		0.00503777		0.00614589		0.00700729	0.00690415
20	0.00593175	0.00627211	0.00550852		0.00617262		0.0053515		0.00658523	0.00672443
20	0.00523491	0.00593186	0.00581027		0.00586985		0.00651954		0.00604355	0.00594703
	0.00583732	0.00592071	0.00616419		0.00513652		0.00589041		0.00664907	0.00563397
- [	0.0049745	0.00639744	0.00600667		0.00619707		0.00661657		0.00593821	0.00589742
	0.00518779	0.0053752	0.00573373		0.00668604		0.00561449		0.00577894	0.00551234
4-	0.00589713	0.00550769	0.0061522		0.00563139		0.00615494		0.00580611	0.00583174
15	0.00612612	0.00678649	0.00623738		0.00631964		0.00636435		0.00636113	0.00595351
- 1	0.00621082	0.00688879	0.00601887		0.00605792		0.00618975		0.00629826	0.0063299
- 1	0.00654873	0.00666284	0.00696701		0.00615671		0.00671641		0.00624121	0.00588845
- 1	0.00660582	0.00645205	0.00676769		0.00617401		0.00637952		0.00644989	0.00606303
	0.00525639	0.00653324	0.00520428		0.00585144		0.00662812		0.00693943	0.00691827
10	0.00620003	0.00682637	0.00618124		0.00625741		0.0065675		0.0070237	0.00696492
- 1	0.00619466	0.00574125	0.00595273		0.00624166		0.00608245		0.0076251	0.00710329
- 1	0.00595064	0.00645692	0.00629599		0.00578798		0.00527953		0.0075255	0.00747061
- 1	0.0055785	0.00592672	0.00646338		0.00544078		0.00459432		0.00697276	0.00690658
	0.0083951	0.00809675	0.0065583		0.00870844	ı	0.0163634	ı	0.00689929	0.0071429
5	0.00691047	0.00755947	0.019294	_	0.00746927		0.00662784		0.00645356	0.00691246
- 1	0.00714703	0.00688045	0.00751729		0.00756314		0.00739783		0.00770841	0.00687772
- 1	0.00714703	0.00718929	0.00694081		0.00697069		0.00733703		0.00719829	0.00677725
- 1	0.00720874 0.00682349	0.00718929	0.00094081		0.00037003	ī	0.00035145		0.00719829	0.00677723
	4.00004349	4.04.04000	400704103		The thorne		G-001 23317		D.OP/ 1901	choopoagoob

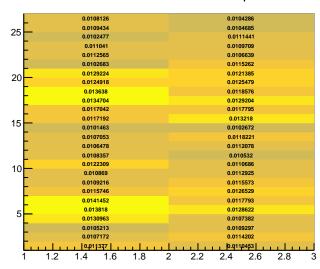
# New ADC Gain Coefficients | SH



# Old ADC Gain Coefficients | PS



### New ADC Gain Coefficients | PS



### Date of creation: 8/16/2023

## Configfile: BBCal replay/macros/Combined macros/cfg/sbs14-sbs70p.cfg

Total # events analyzed: 3506692, Preparing for replay pass: 2

E/p (before calib.) | 
$$\mu$$
 = 0.98,  $\sigma$  = (6.608  $\pm$  0.012) p

E/p (after calib.) 
$$\mu = 0.99$$
,  $\sigma = (6.308 \pm 0.012)$  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: 629404

#### Other cuts:

Minimum # events per block: 300, (Cluster) hit threshold: 0.02 GeV

#### Various offsets:

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

Momentum calibration factors: A = 0.268609000, B = 0.953111000, C = 0.0,  $\theta_{pitch}^{GEM}$  = 10.0°,  $d_{BB}$  = 1.8479 m

Macro processing time: CPU 413.6s | Real 427.9s