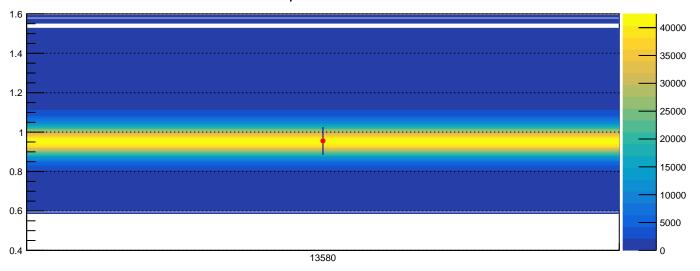
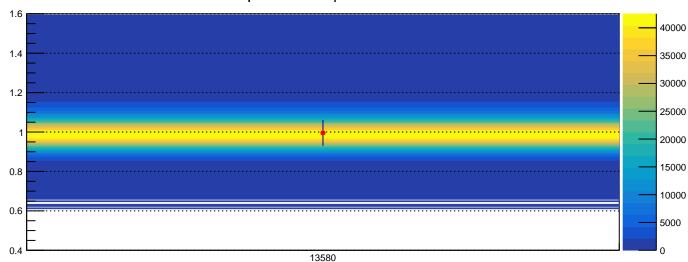


E/p vs Run no.



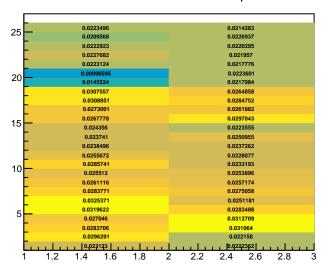
E/p vs Run no. | After Calib.



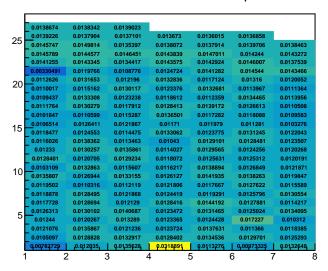
Old ADC Gain Coefficients | SH

	0.0138674	0.0138342	0.0139023				
25	0.0139226	0.0137904	0.0137101	0.013673	0.0136015	0.0136858	
	0.0145747	0.0149814	0.0135397	0.0138072	0.0137914	0.0139706	0.0138463
	0.0145789	0.0144577	0.0146451	0.0143839	0.0147011	0.014244	0.0143272
	0.0141255	0.0143345	0.0134417	0.0143575	0.0142924	0.0146007	0.0137539
	0.00330491	0.00619194	0.00507681	0.00701436	0.00838063	0.00780571	0.0143466
20	0.0091655	0.0112457	0.0105339	0.0103464	0.0104784	0.0116921	0.00847575
	0.010605	0.0108354	0.0120572	0.0116004	0.0124472	0.0110284	0.0110044
	0.0102798	0.0125416	0.0115077	0.0111859	0.0106082	0.0128511	0.0114473
	0.0106627	0.0123314	0.0110836	0.0120709	0.0132384	0.0120066	0.0110746
15	0.00969683	0.010449	0.0107994	0.0130345	0.0109625	0.0112932	0.0107678
	0.0101291	0.0120281	0.0115343	0.0110225	0.0113007	0.0106059	0.0104026
	0.0114256	0.0119716	0.010923	0.012531	0.0117691	0.0125156	0.0118685
	0.0111715	0.0132147	0.0106604	0.00986752	0.0122116	0.0122058	0.0123001
	0.0118443	0.0124381	0.0129986	0.0108245	0.0123161	0.0117231	0.0117466
10	0.0124604	0.011421	0.0123025	0.0111989	0.0119931	0.0119124	0.0115076
	0.00983174	0.0127871	0.0108957	0.0109905	0.0133162	0.0120496	0.0119971
	0.013112	0.011998	0.0125162	0.0117453	0.0133631	0.0130937	0.0118471
	0.0117568	0.0104518	0.0105682	0.011657	0.011138	0.0121503	0.0112041
5	0.0113305	0.0123185	0.011495	0.0117182	0.0112122	0.0118466	0.0125208
	0.011298	0.0121973	0.011395	0.0120369	0.013711	0.0120218	0.0109901
	0.0119316	0.0122626	0.0133051	0.0115326	0.0123273	0.011886	0.0122284
	0.0119173	0.0114898	0.0127042	0.0118161	0.012403	0.0124245	0.010312
	0.0115579	0.0123398	0.0116766	0.011744	0.0119323	0.011366	0.0118385
	0.0105097	0.0128828	0.0132917	0.0128402	0.0134536	0.0129701	0.0125293
	0.00782729	0.012935	0.0135628	0.0318891	0.0113276	0,00973325	0.0132648
	1	2	3	4	5	6	7

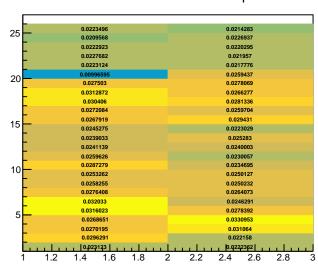
Old ADC Gain Coefficients | PS



New ADC Gain Coefficients | SH



New ADC Gain Coefficients | PS



Date of creation: 8/16/2023

Configfile: BBCal_replay/macros/Combined_macros/cfg/sbs8-sbs50p.cfg

Total # events analyzed: 3676896, Preparing for replay pass: 2

E/p (before calib.) |
$$\mu$$
 = 0.96, σ = (5.563 \pm nan) p

E/p (after calib.) | μ = 0.99, σ = (5.591 \pm nan) 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)<0.345,

PS cluster energy > 0.2 GeV

p_recon > 2.9 GeV/c

events passed global cuts: 1390087

Other cuts:

Minimum # events per block: 1000, (Cluster) hit threshold: 0.02 GeV

Various offsets:

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

Momentum calibration factors: A = 0.291513950, B = 1.036900100, C = 0.0, θ_{pitch}^{GEM} = 10.0°, d_{BB} = 1.9747 m

Macro processing time: CPU 625.5s | Real 642.1s