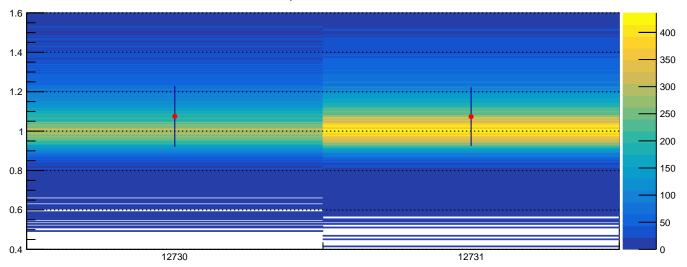
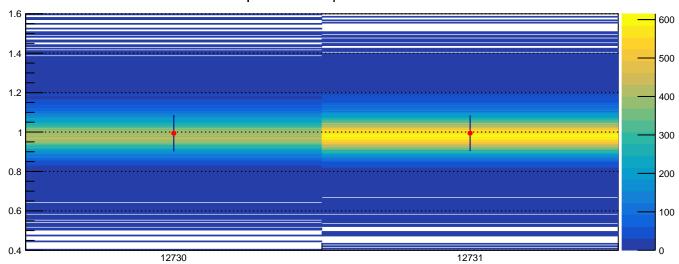


E/p vs Run no.



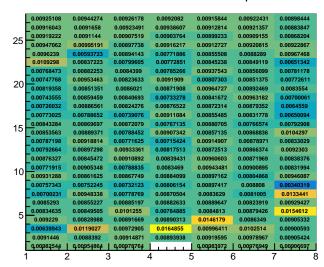
E/p vs Run no. | After Calib.



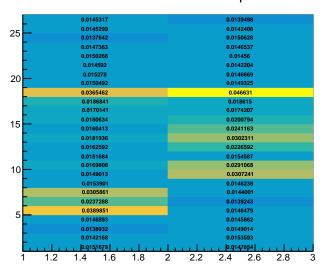
Old ADC Gain Coefficients | SH

	0.00925108	0.00944274	0.00926178	0.0092082	0.00915844	0.00922431	0.00898444
25	0.00916043	0.0091658	0.00923491	0.00938607	0.00912814	0.00921357	0.00883847
	0.00919222	0.0091144	0.00907519	0.00903764	0.00899233	0.00909155	0.00868204
	0.00947062	0.00995191	0.00897738	0.00916217	0.00912727	0.00920815	0.00922867
	0.0096239	0.00954259	0.0097283	0.0094697	0.00967932	0.00939855	0.00967468
	0.00914499	0.00948025	0.00967448	0.00949927	0.0094275	0.00964331	0.0091583
20	0.00936617	0.00952226	0.00992026	0.0095468	0.0103497	0.00939536	0.00962686
	0.00974936	0.0108423	0.00998225	0.0132079	0.0109254	0.00960687	0.00892951
	0.00823984	0.007061	0.0082377	0.00684105	0.00866363	0.0100669	0.00960183
	0.00781869	0.00990946	0.00856815	0.0114466	0.00803202	0.0120553	0.00997447
	0.00894581	0.00913969	0.0084555	0.0103173	0.0164143	0.00936632	0.00927901
15	0.0076004	0.00817121	0.00753376	0.0110524	0.0148715	0.00812056	0.00854299
	0.00796633	0.00885241	0.00889121	0.00744387	0.00873822	0.00796651	0.00698961
	0.00902055	0.00888359	0.00800459	0.00798389	0.00662561	0.00866988	0.0123067
	0.00855593	0.00923025	0.00809652	0.00664023	0.0077488	0.00979282	0.00927465
	0.00933904	0.0091845	0.00988721	0.00857721	0.012572	0.0096934	0.0101289
10	0.0112822	0.00911039	0.00945452	0.0129366	0.0089726	0.0100054	0.0092037
	0.00805325	0.0103646	0.00820112	0.0109409	0.00929074	0.00939894	0.00892903
	0.0113321	0.00902445	0.00906523	0.0116112	0.00928426	0.00926139	0.00909107
	0.00935933	0.00803963	0.00741126	0.0143522	0.00995041	0.0101119	0.00934444
	0.0101035	0.00740961	0.00765876	0.0112389	0.0103109	0.0100269	0.00937014
	0.0106241	0.0174585	0.00840876	0.0157573	0.0101184	0.00927683	0.00926763
_	0.00908681	0.00573311	0.0197663	0.00965783	0.00961389	0.00919673	0.0093866
5	0.00874617	0.0169912	0.0086922	0.0100246	0.00913957	0.0086349	0.00905332
	0.00964312	0.00912534	0.0100808	0.00992302	0.00996411	0.0102514	0.00900593
	0.0091446	0.0088392	0.00914871	0.00893938	0.00919595	0.00978967	0.00905424
	0.00982544	0.00954864	0.00978764	1	0.00983972	0.00976949	0.00906697
,	1 2						7

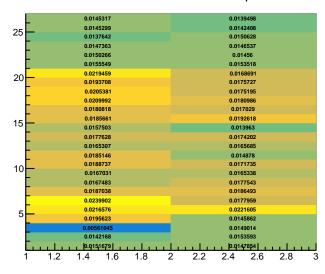
New ADC Gain Coefficients | SH



Old ADC Gain Coefficients | PS



New ADC Gain Coefficients | PS



```
Date of creation: 8/16/2023
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Configfile: BBCal replay/macros/Combined macros/cfg/sbs11-sbs0p.cfg

Total # events analyzed: 306161, Preparing for replay pass: 2

E/p (before calib.) |
$$\mu$$
 = 1.01, σ = (8.098 \pm 0.171) p

E/p (after calib.) | μ = 0.98, σ = (6.214 \pm 0.233) 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])<0.32,

PS cluster energy > 0.2 GeV

1.8 < p_recon < 3.2 GeV/c

events passed global cuts: 40996

Other cuts:

Minimum # events per block: 25, (Cluster) hit threshold: 0.02 GeV

Various offsets:

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

Momentum calibration factors: A = 0.273110000, B = 0.721663000, C = 0.0, θ_{pitch}^{GEM} = 10.0°, d_{BB} = 1.5515 m

Macro processing time: CPU 40.5s | Real 41.8s