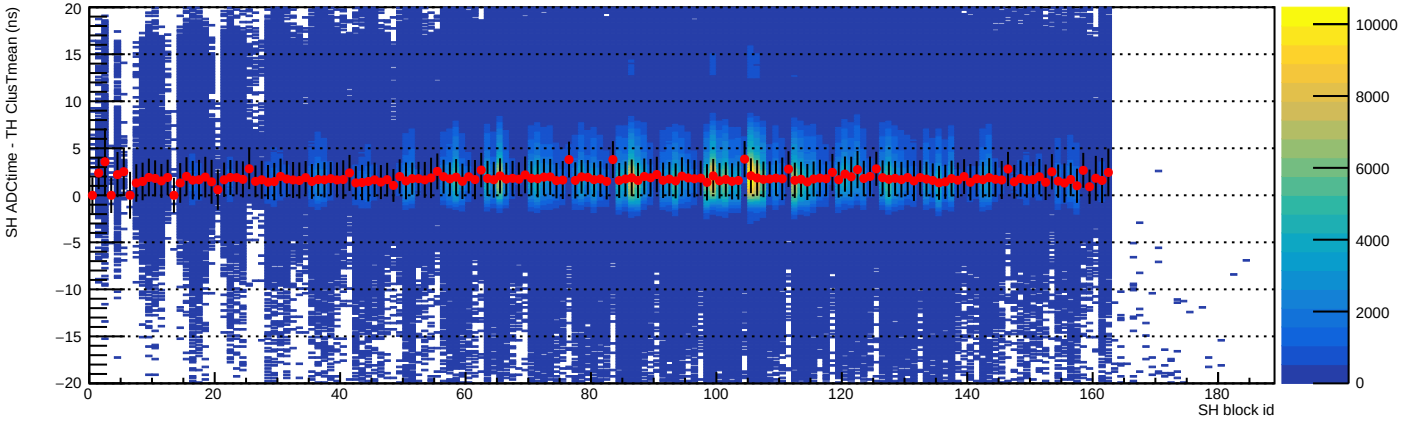
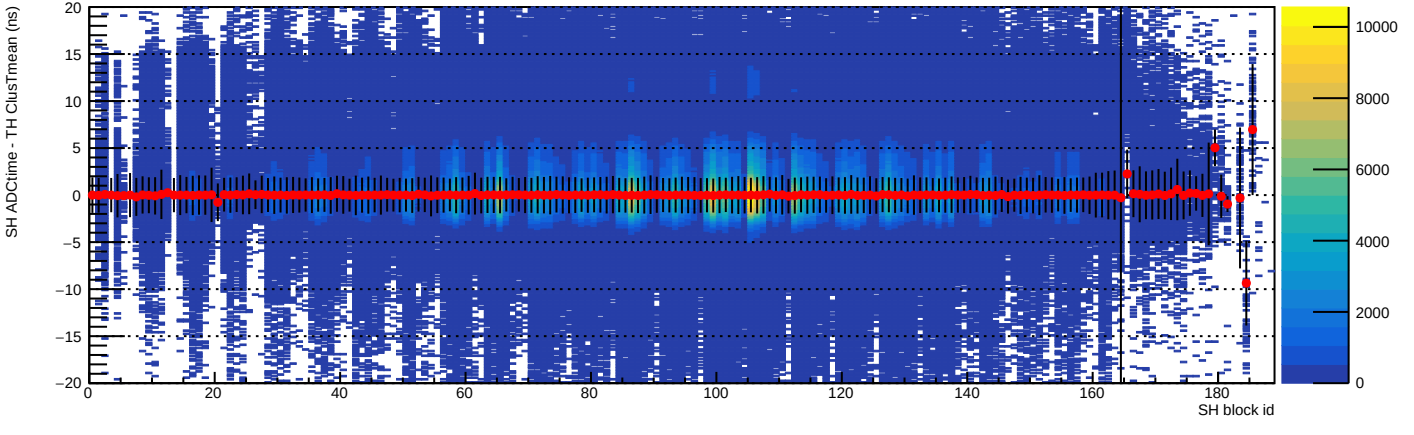
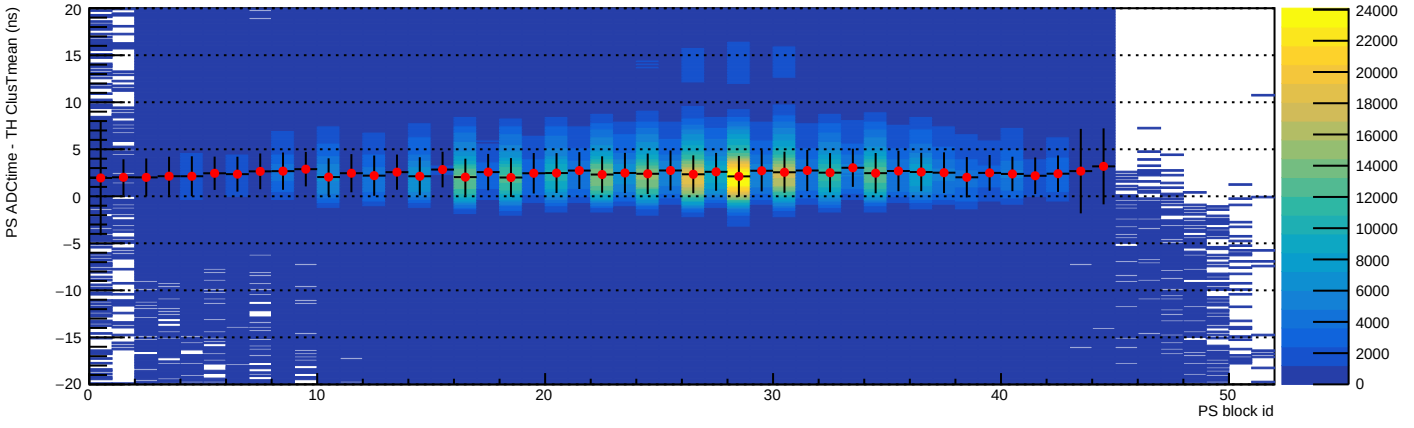
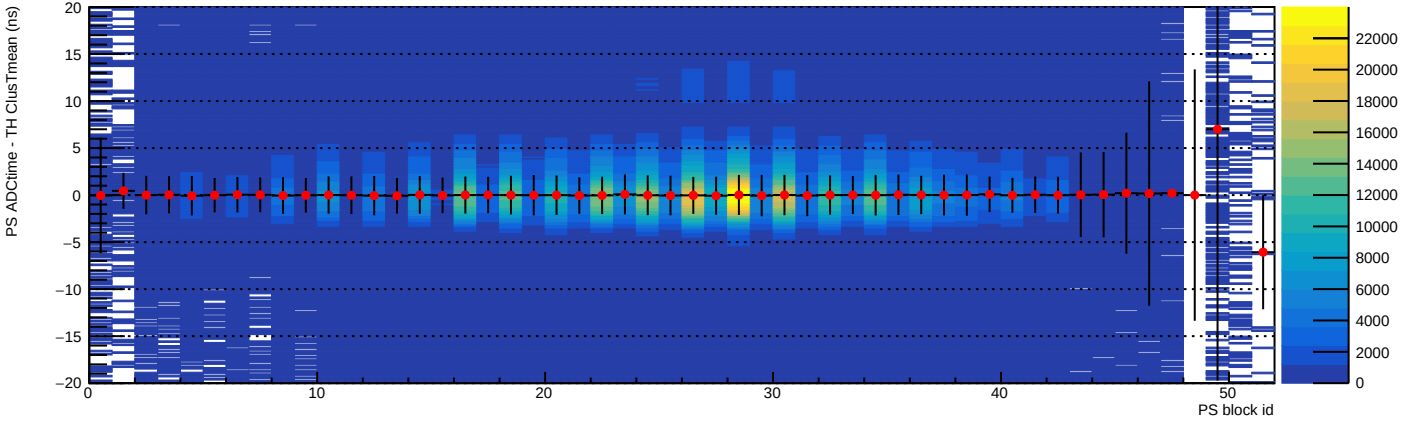
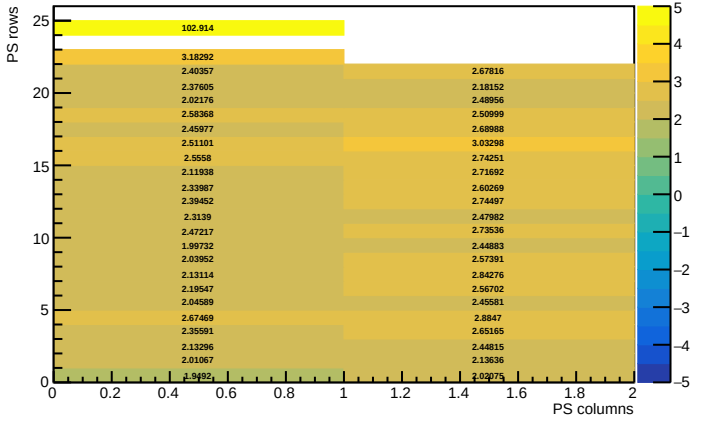

Before offset correction (SH)
SH ADCtime - TH ClusTmean (ns)
SH block id


After offset correction (SH)
SH ADCtime - TH ClusTmean (ns)
SH block id

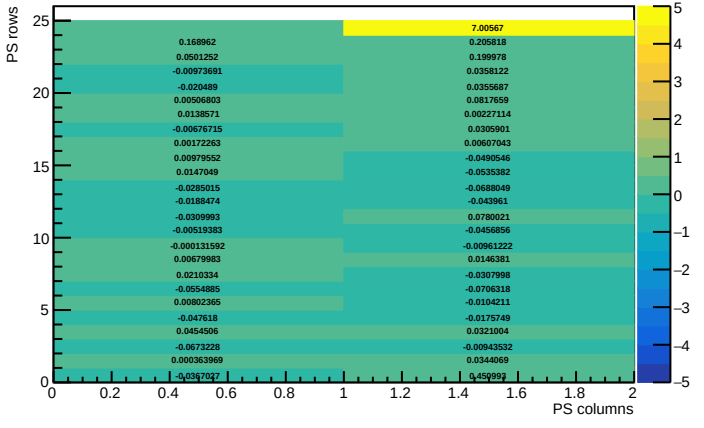

Before offset correction (PS)
PS ADCtime - TH ClusTmean (ns)
PS block id


After offset correction (PS)
PS ADCtime - TH ClusTmean (ns)
PS block id

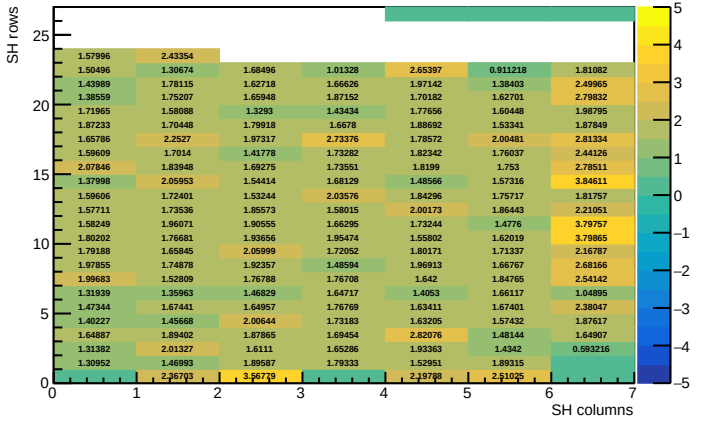
PS ADCtime - TH ClusTmean (ns) | Before corr.



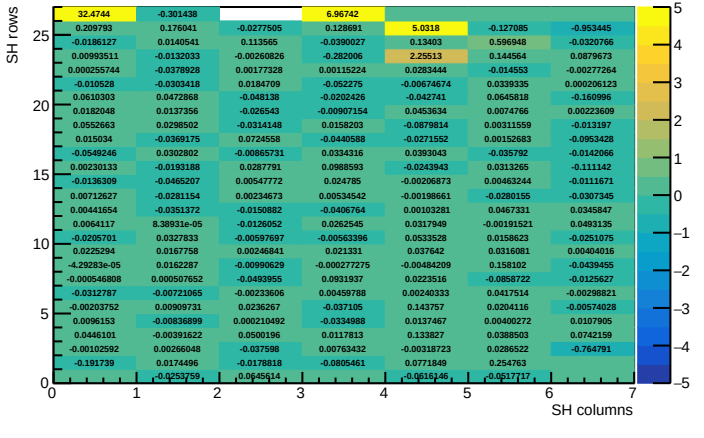
PS ADCtime - TH ClusTmean (ns) | After corr.



SH ADCtime - TH ClusTmean (ns) | Before corr.



SH ADCtime - TH ClusTmean (ns) | After corr.



Date of creation: 6/30/2023

Configfile: BBCal_replay/macros/Combined_macros/setup_bbcal_atime_offset.cfg

sbs configuration: 14, Preparing for replay pass: 2

Total # events analyzed: 39694369

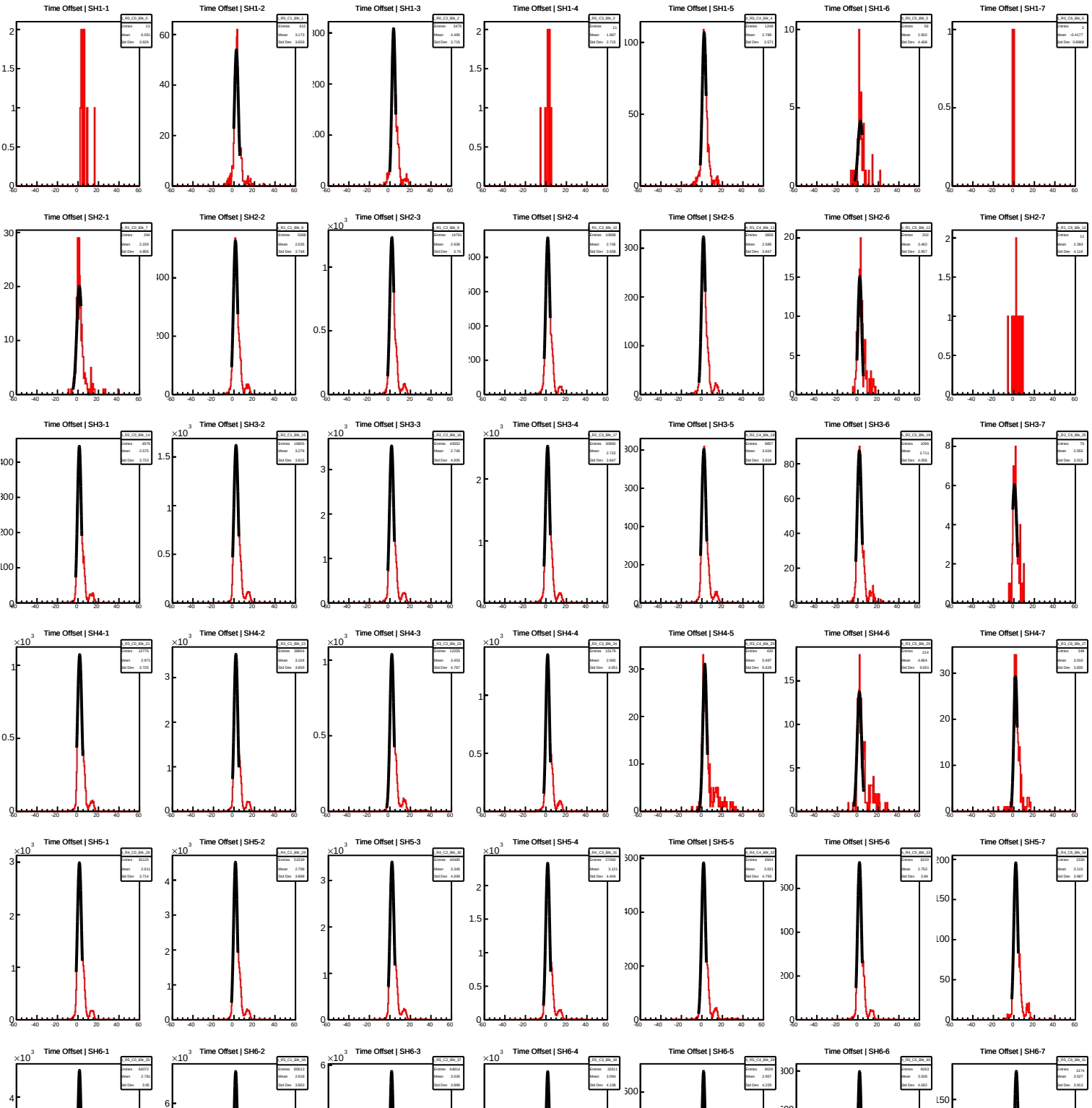
Global cuts:

g.trigbits==1, bb.gem.track.nhits>2, abs(bb.tr.vz[0])<0.08,

bb.ps.e>0.2, abs(bb.tr.r_x-0.9*bb.tr.r_th)<0.4,

 # events passed global cuts: 10975403

Macro processing time: CPU 828.7s | Real 1521.5s


Time Offset | SH1-1
Time Offset | SH1-2
Time Offset | SH1-3
Time Offset | SH1-4
Time Offset | SH1-5
Time Offset | SH1-6
Time Offset | SH1-7
Time Offset | SH2-1
Time Offset | SH2-2
Time Offset | SH2-3
Time Offset | SH2-4
Time Offset | SH2-5
Time Offset | SH2-6
Time Offset | SH2-7
Time Offset | SH3-1
Time Offset | SH3-2
Time Offset | SH3-3
Time Offset | SH3-4
Time Offset | SH3-5
Time Offset | SH3-6
Time Offset | SH3-7
Time Offset | SH4-1
Time Offset | SH4-2
Time Offset | SH4-3
Time Offset | SH4-4
Time Offset | SH4-5
Time Offset | SH4-6
Time Offset | SH4-7
Time Offset | SH5-1
Time Offset | SH5-2
Time Offset | SH5-3
Time Offset | SH5-4
Time Offset | SH5-5
Time Offset | SH5-6
Time Offset | SH5-7
Time Offset | SH6-1
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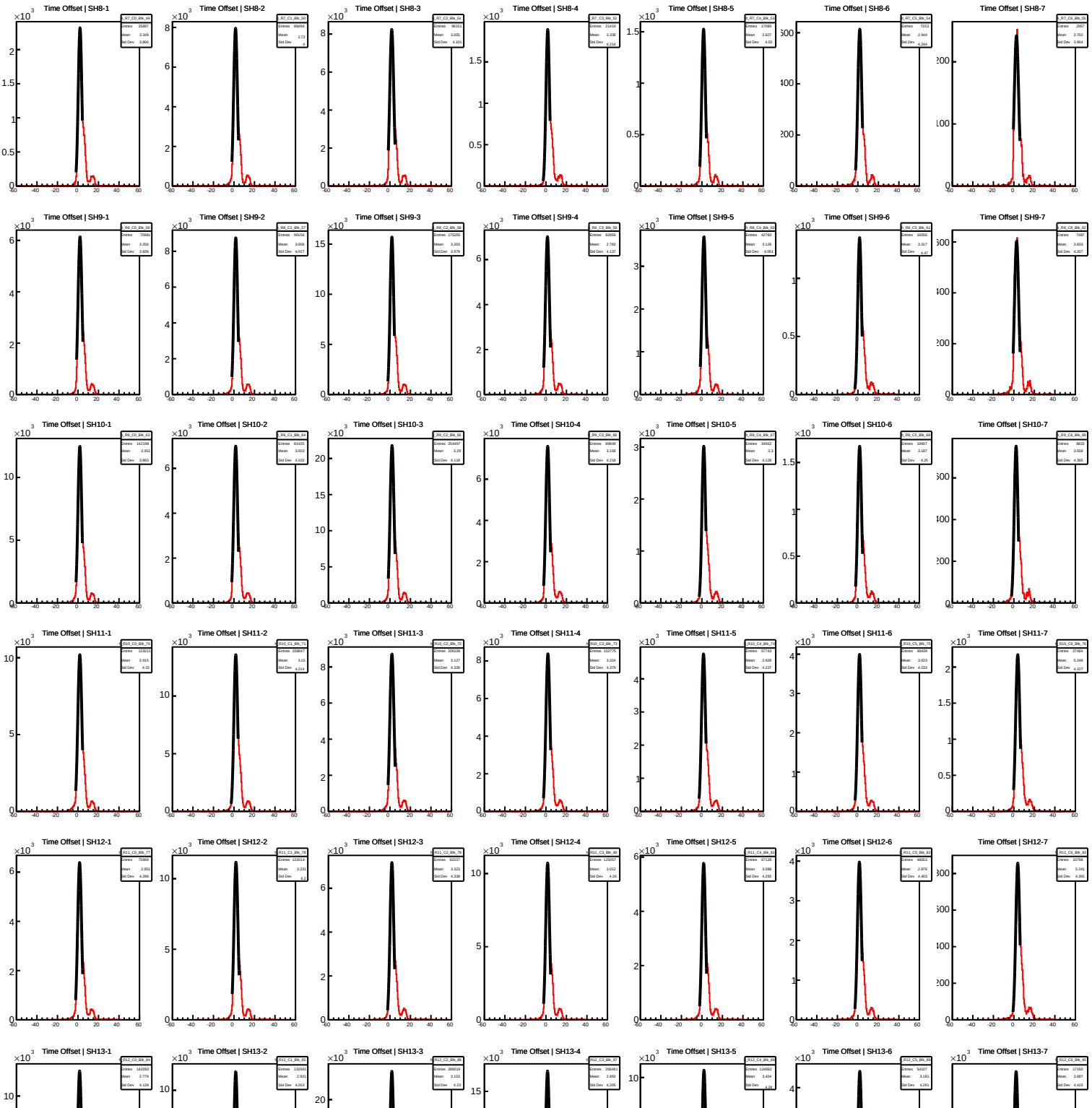
Time Offset | SH6-5
Time Offset | SH6-6
Time Offset | SH6-7


Time Offset | SH8-1
Time Offset | SH8-2
Time Offset | SH8-3
Time Offset | SH8-4
Time Offset | SH8-5
Time Offset | SH8-6
Time Offset | SH8-7
Time Offset | SH9-1
Time Offset | SH9-2
Time Offset | SH9-3
Time Offset | SH9-4
Time Offset | SH9-5
Time Offset | SH9-6
Time Offset | SH9-7
Time Offset | SH10-1
Time Offset | SH10-2
Time Offset | SH10-3
Time Offset | SH10-4
Time Offset | SH10-5
Time Offset | SH10-6
Time Offset | SH10-7
Time Offset | SH11-1
Time Offset | SH11-2
Time Offset | SH11-3
Time Offset | SH11-4
Time Offset | SH11-5
Time Offset | SH11-6
Time Offset | SH11-7
Time Offset | SH12-1
Time Offset | SH12-2
Time Offset | SH12-3
Time Offset | SH12-4
Time Offset | SH12-5
Time Offset | SH12-6
Time Offset | SH12-7
Time Offset | SH13-1
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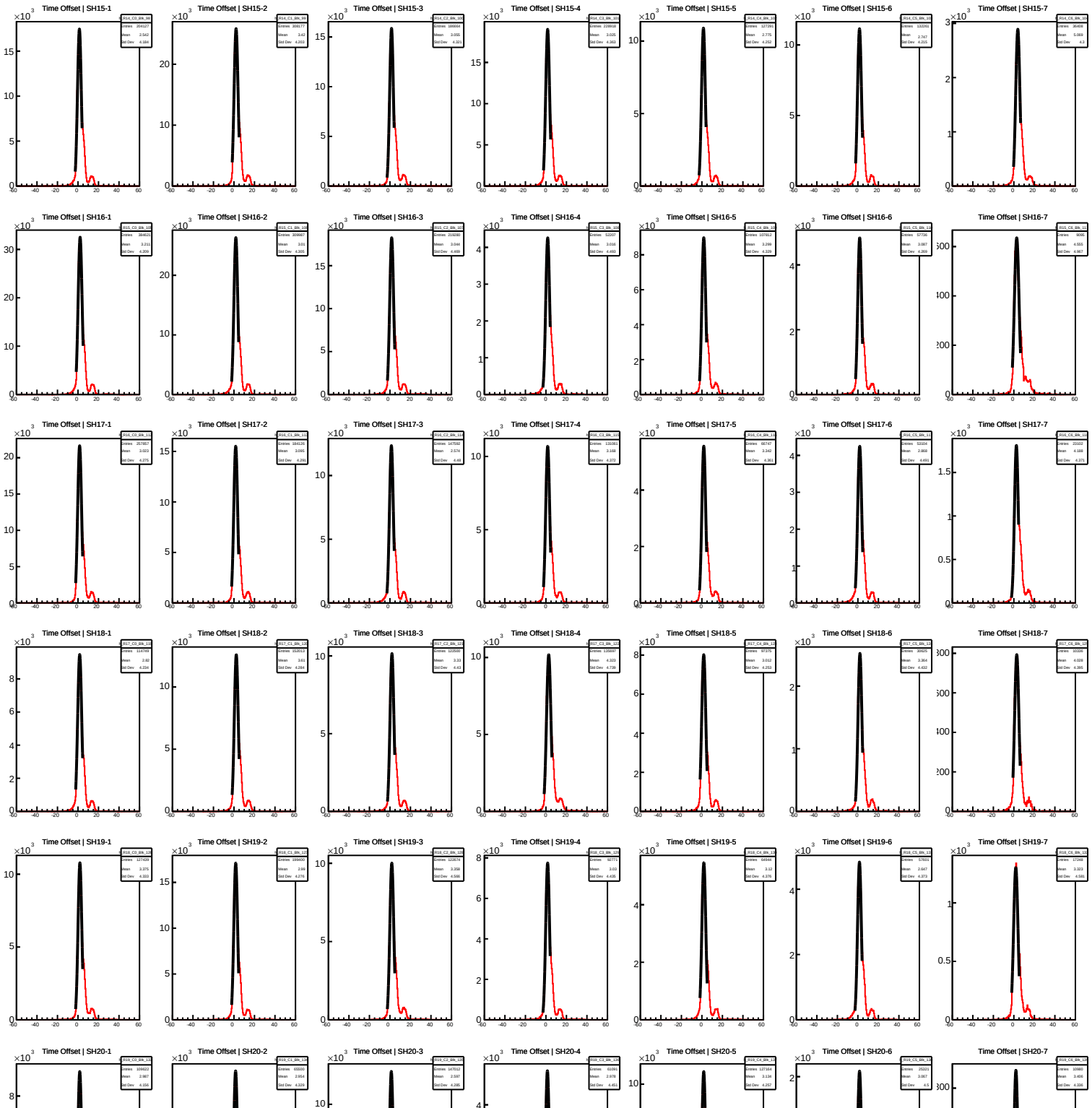
Time Offset | SH13-7


Time Offset | SH15-1
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Time Offset | SH15-4
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Time Offset | SH15-6
Time Offset | SH15-7
Time Offset | SH16-1
Time Offset | SH16-2
Time Offset | SH16-3
Time Offset | SH16-4
Time Offset | SH16-5
Time Offset | SH16-6
Time Offset | SH16-7
Time Offset | SH17-1
Time Offset | SH17-2
Time Offset | SH17-3
Time Offset | SH17-4
Time Offset | SH17-5
Time Offset | SH17-6
Time Offset | SH17-7
Time Offset | SH18-1
Time Offset | SH18-2
Time Offset | SH18-3
Time Offset | SH18-4
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Time Offset | SH18-6
Time Offset | SH18-7
Time Offset | SH19-1
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Time Offset | SH19-6
Time Offset | SH19-7
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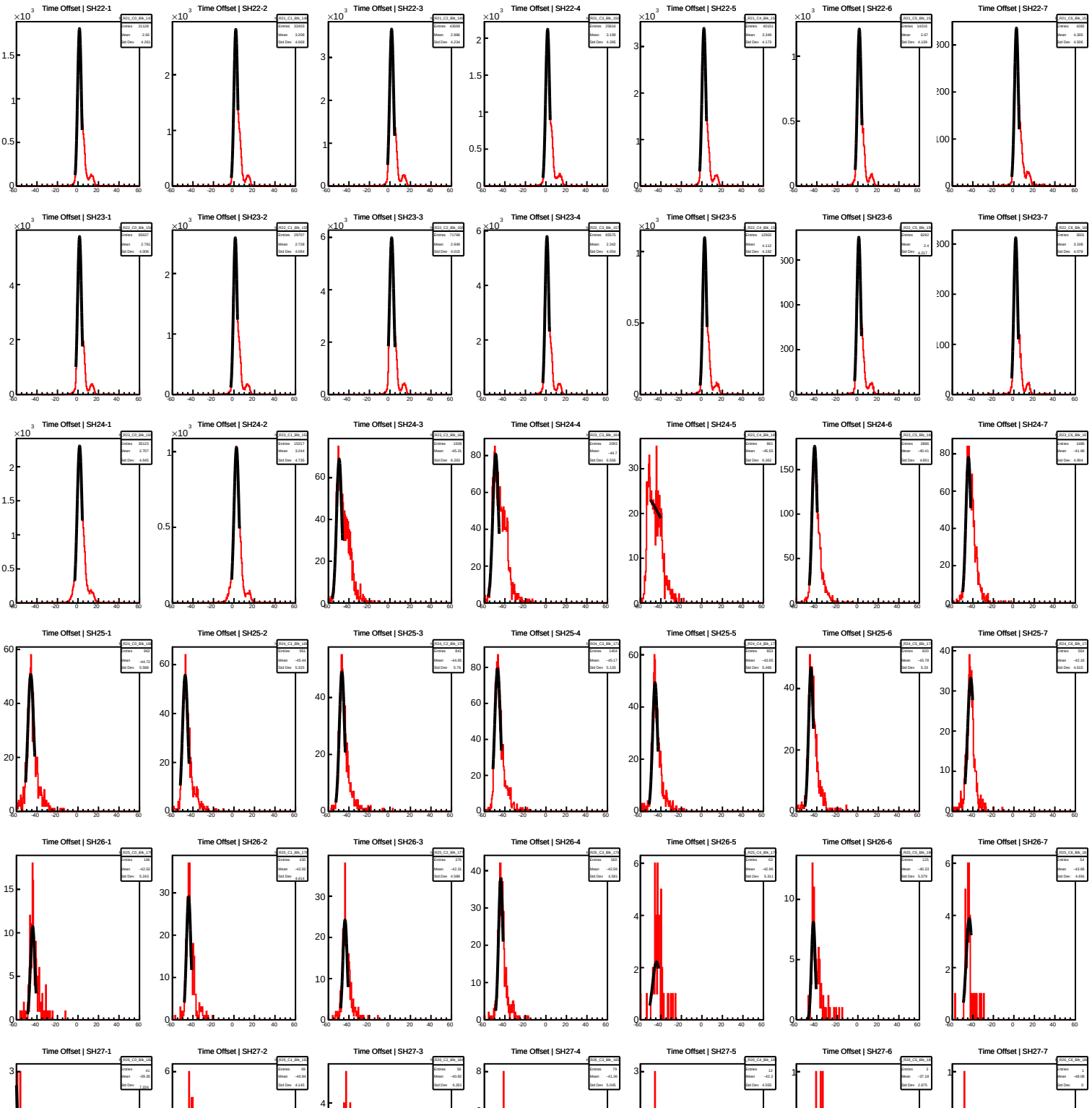
Time Offset | SH20-6
Time Offset | SH20-7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Time Offset | SH22-2
Time Offset | SH22-3
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Time Offset | SH23-4
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Time Offset | SH24-6
Time Offset | SH24-7
Time Offset | SH25-1
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Time Offset | SH25-3
Time Offset | SH25-4
Time Offset | SH25-5
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Time Offset | SH25-7
Time Offset | SH26-1
Time Offset | SH26-2
Time Offset | SH26-3
Time Offset | SH26-4
Time Offset | SH26-5
Time Offset | SH26-6
Time Offset | SH26-7
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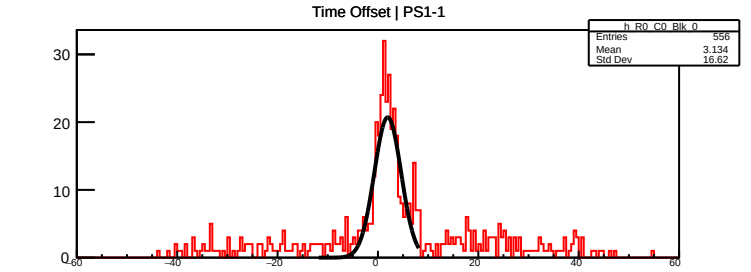
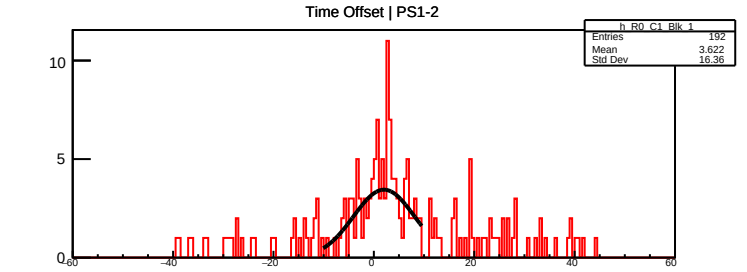
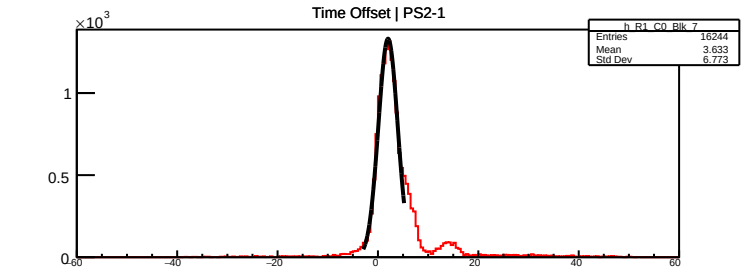
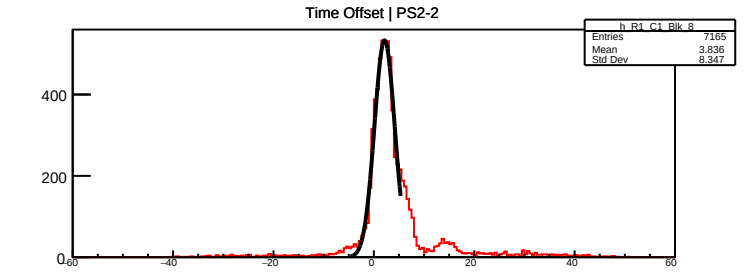
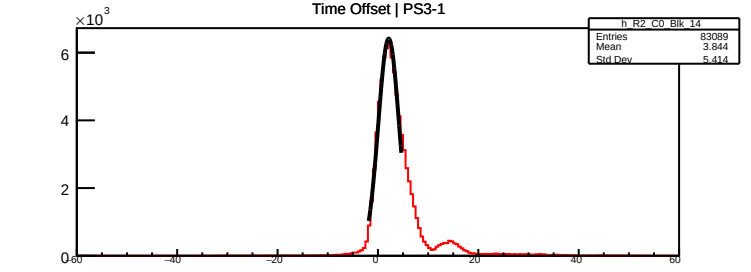
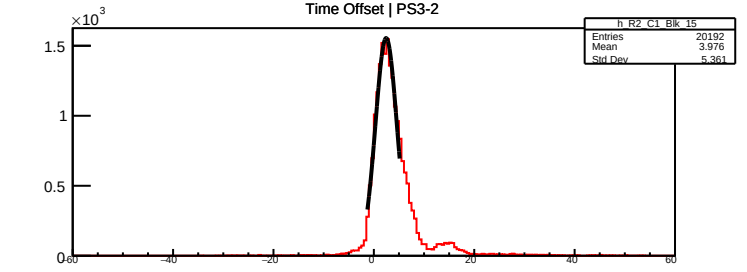

Time Offset | PS1-1
h_R0_C0_Blk_0
Entries 556
Mean 3.134
Std Dev 16.62

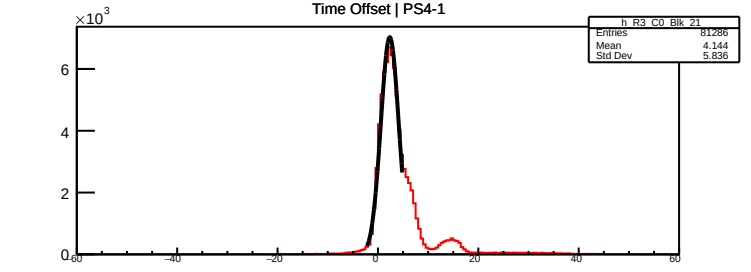

Time Offset | PS1-2
h_R0_C1_Blk_1
Entries 192
Mean 3.622
Std Dev 16.36

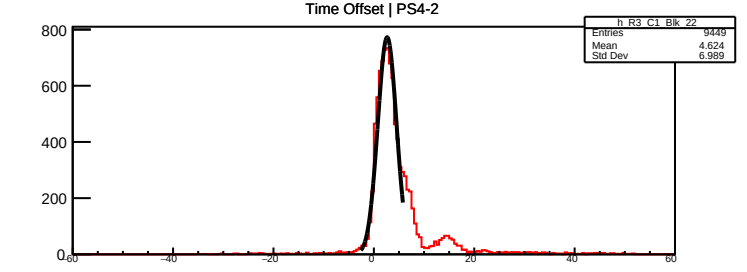

Time Offset | PS2-1
h_R1_C0_Blk_7
Entries 16244
Mean 3.633
Std Dev 6.773

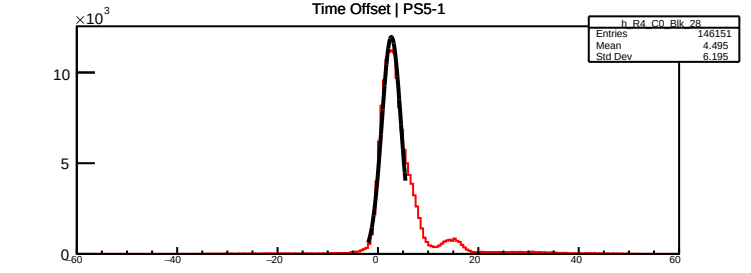

Time Offset | PS2-2
h_R1_C1_Blk_8
Entries 7165
Mean 3.836
Std Dev 8.347

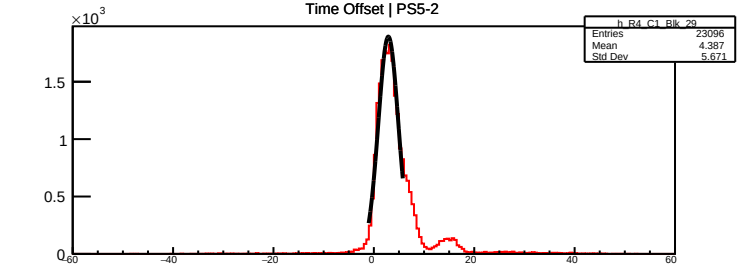

Time Offset | PS3-1
h_R2_C0_Blk_14
Entries 83089
Mean 3.844
Std Dev 5.414

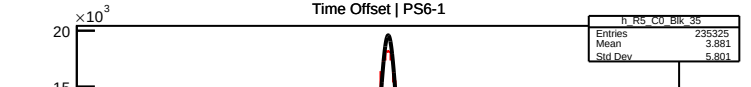

Time Offset | PS3-2
h_R2_C1_Blk_15
Entries 20192
Mean 3.976
Std Dev 5.361

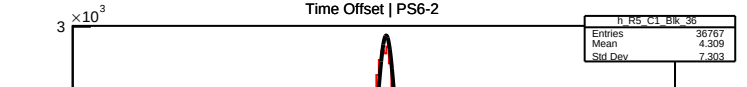

Time Offset | PS4-1
h_R3_C0_Blk_21
Entries 81286
Mean 4.144
Std Dev 5.836

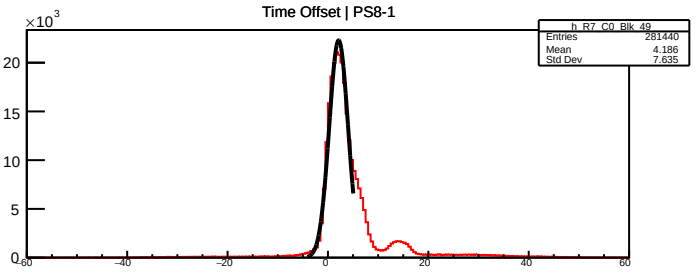

Time Offset | PS4-2
h_R3_C1_Blk_22
Entries 9449
Mean 4.624
Std Dev 6.989

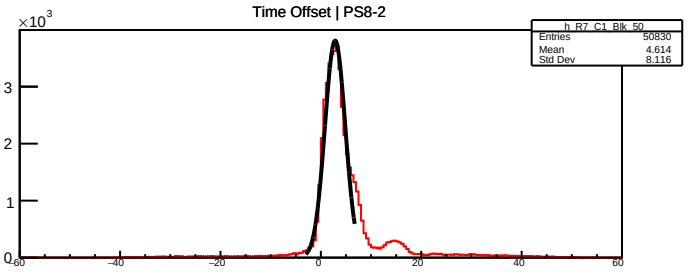

Time Offset | PS5-1
h_R4_C0_Blk_28
Entries 146151
Mean 4.495
Std Dev 6.195

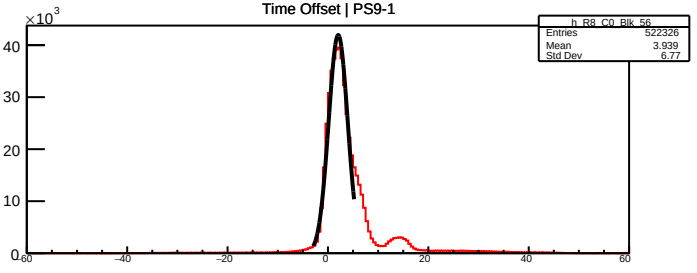

Time Offset | PS5-2
h_R4_C1_Blk_29
Entries 23096
Mean 4.387
Std Dev 5.671

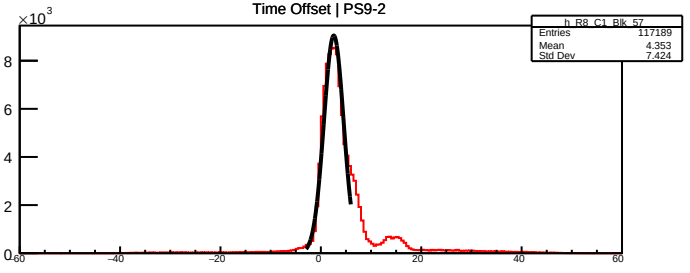

Time Offset | PS6-1
h_R5_C0_Blk_35
Entries 235325
Mean 3.881
Std Dev 5.801


Time Offset | PS6-2
h_R5_C1_Blk_36
Entries 36767
Mean 4.309
Std Dev 7.303


Time Offset | PS8-1
h_R7_C0_Blk_49
Entries 281440
Mean 4.186
Std Dev 7.635


Time Offset | PS8-2
h_R7_C1_Blk_50
Entries 50830
Mean 4.614
Std Dev 8.116


Time Offset | PS9-1
h_R8_C0_Blk_56
Entries 522326
Mean 3.939
Std Dev 6.77


Time Offset | PS9-2
h_R8_C1_Blk_57
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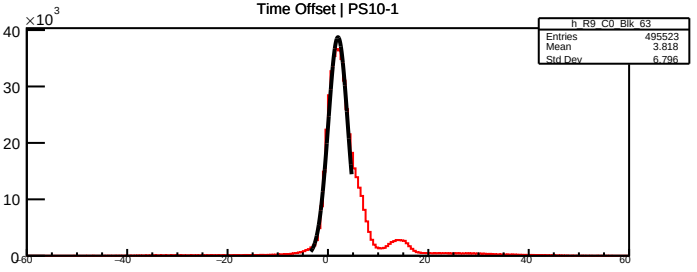
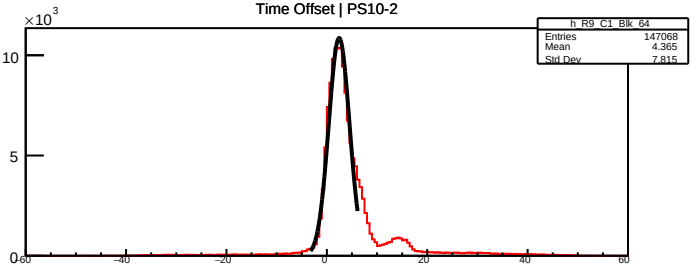
Mean 4.353
Std Dev 7.424


Time Offset | PS10-1
h_R9_C0_Blk_63
Entries 495523
Mean 3.818
Std Dev 6.796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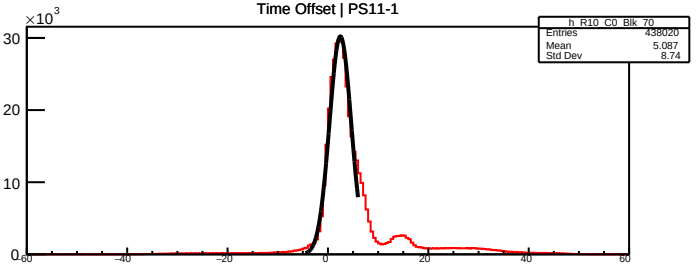
h_R9_C1_Blk_64
Entries 147068
Mean 4.365
Std Dev 7.815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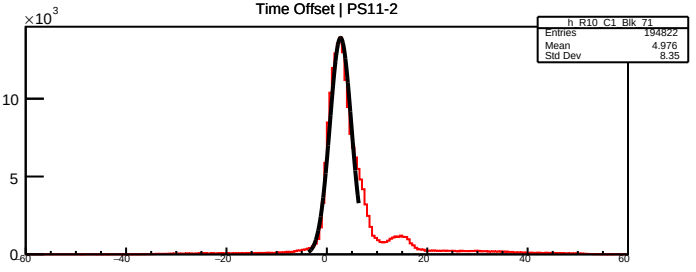
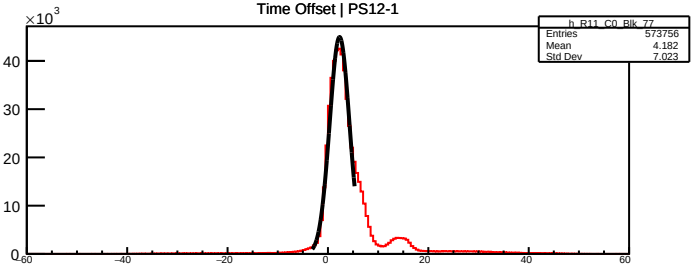
h_R10_C0_Blk_70
Entries 438020
Mean 5.087
Std Dev 8.74


Time Offset | PS11-2
h_R10_C1_Blk_71
Entries 194822
Mean 4.976
Std Dev 8.35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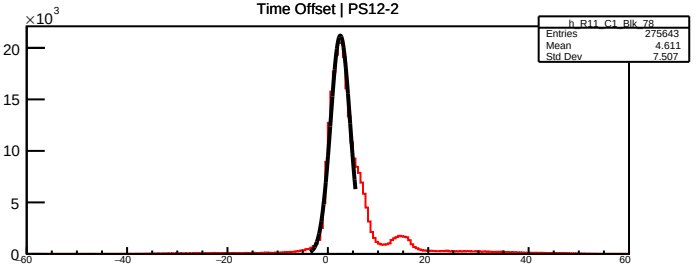
h_R11_C0_Blk_77
Entries 573756
Mean 4.182
Std Dev 7.023


Time Offset | PS12-2
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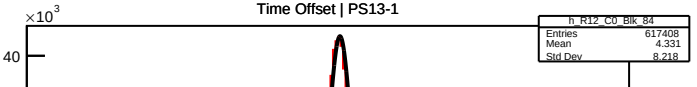
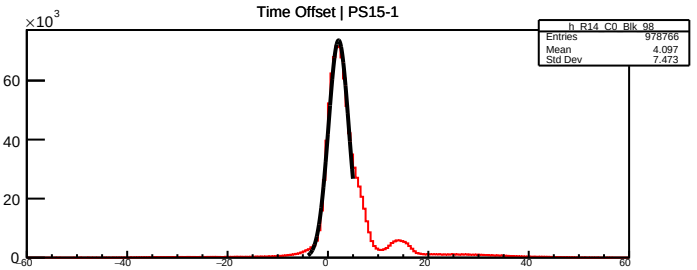
Entries 275643
Mean 4.611
Std Dev 7.507


Time Offset | PS13-1
h_R12_C0_Blk_84
Entries 617408
Mean 4.331
Std Dev 8.218

Time Offset | PS13-2
h_R12_C1_Blk_85
Entries 255989
Mean 4.929
Std Dev 8.979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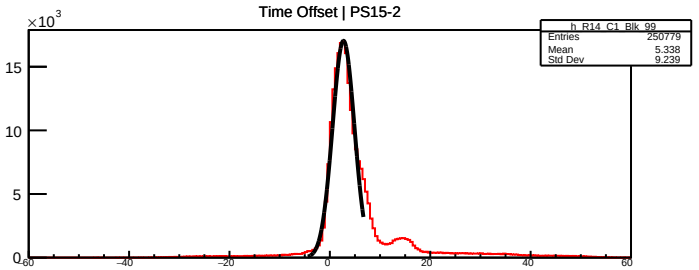
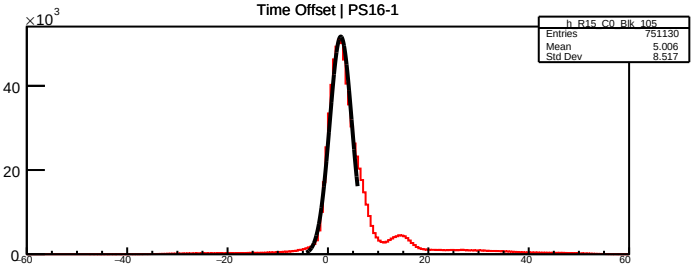
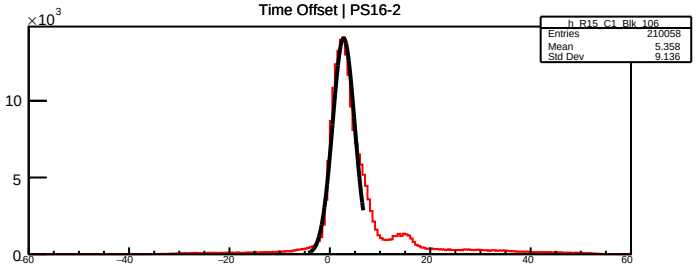
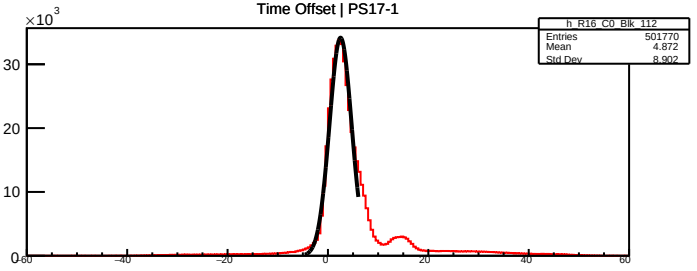
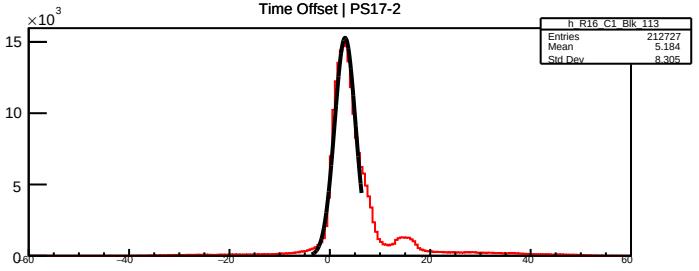
Entries 978766
Mean 4.097
Std Dev 7.473

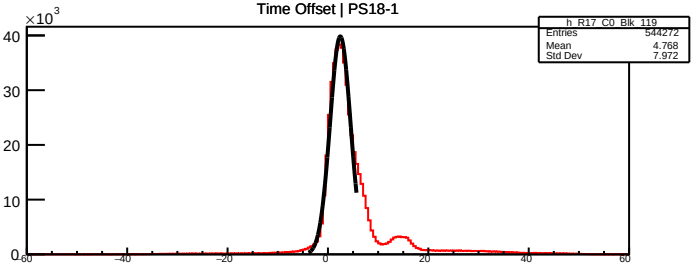

Time Offset | PS15-2
h_R14_C1_Blk_99
Entries 250779
Mean 5.338
Std Dev 9.239

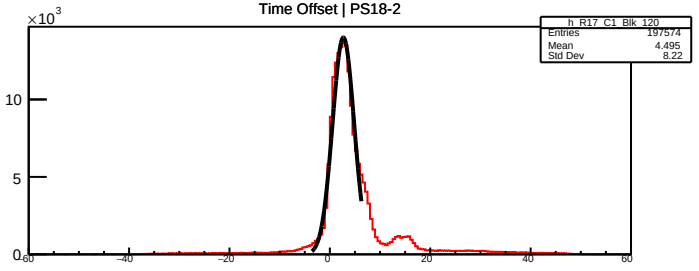

Time Offset | PS16-1
h_R15_C0_Blk_105
Entries 751130
Mean 5.006
Std Dev 8.517

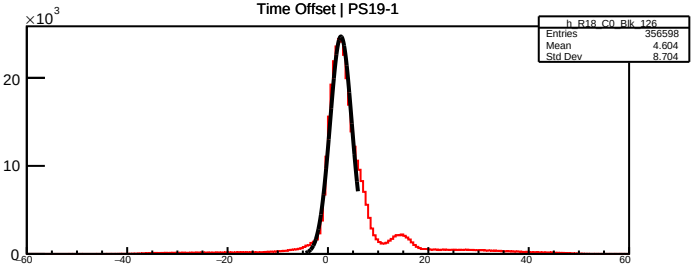

Time Offset | PS16-2
h_R15_C1_Blk_106
Entries 210058
Mean 5.358
Std Dev 9.136

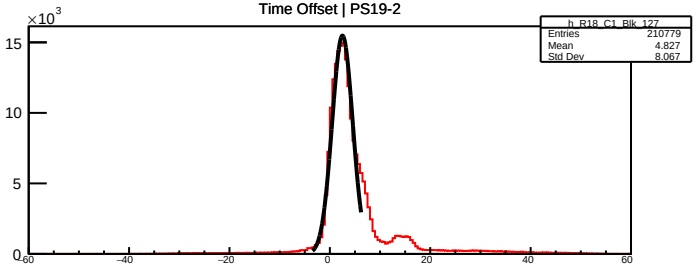

Time Offset | PS17-1
h_R16_C0_Blk_112
Entries 501770
Mean 4.872
Std Dev 8.902

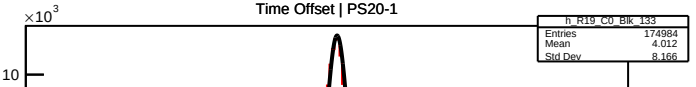

Time Offset | PS17-2
h_R16_C1_Blk_113
Entries 212727
Mean 5.184
Std Dev 8.305

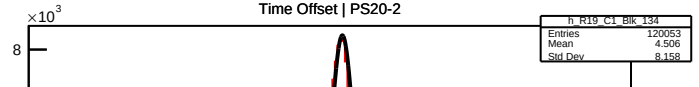

Time Offset | PS18-1
h_R17_C0_Blk_119
Entries 544272
Mean 4.768
Std Dev 7.972

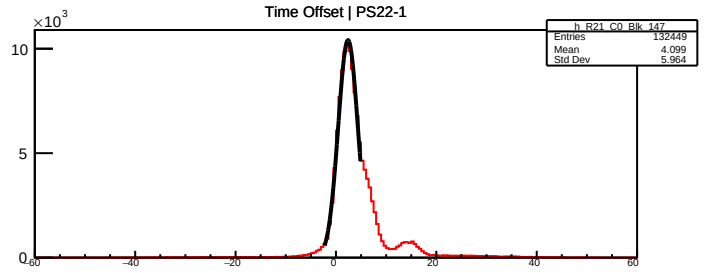

Time Offset | PS18-2
h_R17_C1_Blk_120
Entries 197574
Mean 4.495
Std Dev 8.22

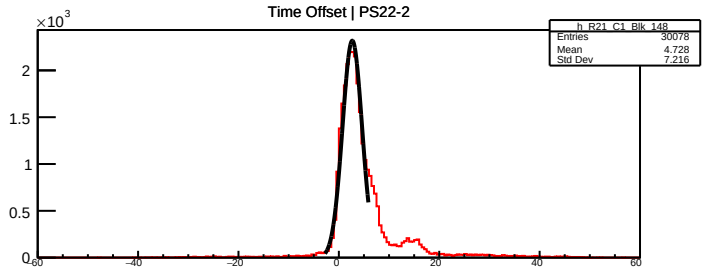

Time Offset | PS19-1
h_R18_C0_Blk_126
Entries 356598
Mean 4.604
Std Dev 8.704

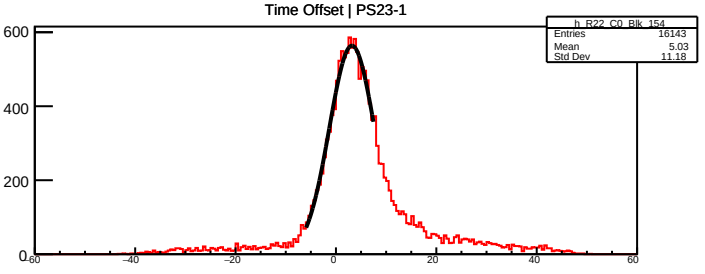

Time Offset | PS19-2
h_R18_C1_Blk_127
Entries 210779
Mean 4.827
Std Dev 8.067

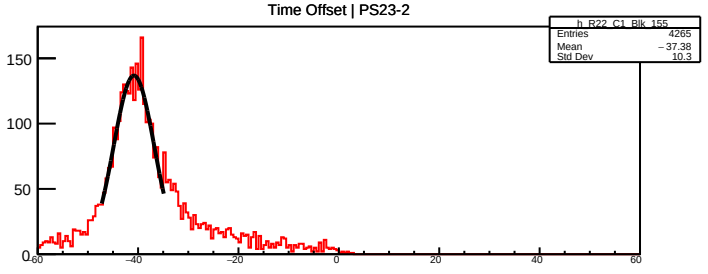

Time Offset | PS20-1
h_R19_C0_Blk_133
Entries 174984
Mean 4.012
Std Dev 8.166

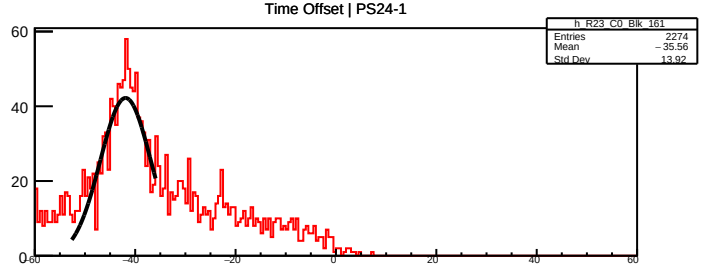

Time Offset | PS20-2
h_R19_C1_Blk_134
Entries 120053
Mean 4.506
Std Dev 8.158

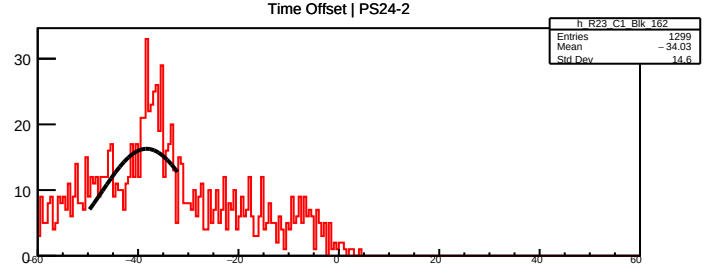

Time Offset | PS22-1
h_R21_C0_Blk_147
Entries 132449
Mean 4.099
Std Dev 5.964

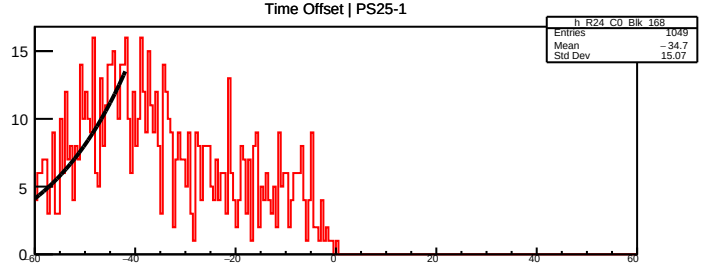

Time Offset | PS22-2
h_R21_C1_Blk_148
Entries 30078
Mean 4.728
Std Dev 7.216

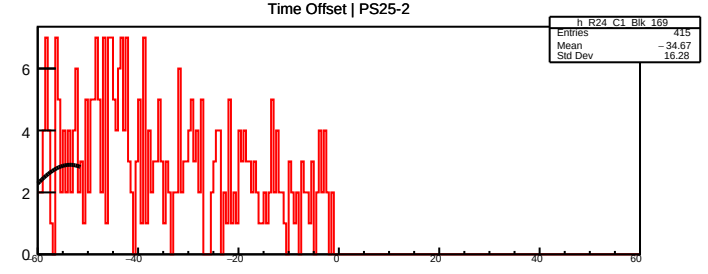

Time Offset | PS23-1
h_R22_C0_Blk_154
Entries 16143
Mean 5.03
Std Dev 11.18

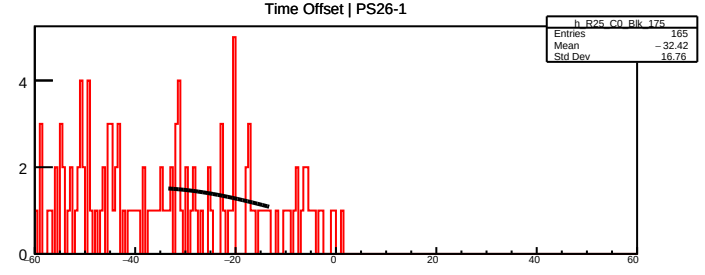

Time Offset | PS23-2
h_R22_C1_Blk_155
Entries 4265
Mean −37.38
Std Dev 10.3

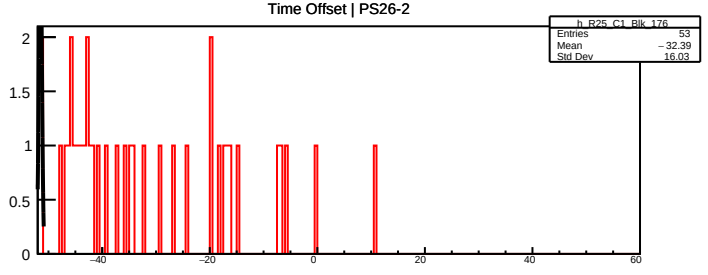

Time Offset | PS24-1
h_R23_C0_Blk_161
Entries 2274
Mean −35.56
Std Dev 13.92


Time Offset | PS24-2
h_R23_C1_Blk_162
Entries 1299
Mean −34.03
Std Dev 14.6


Time Offset | PS25-1
h_R24_C0_Blk_168
Entries 1049
Mean −34.7
Std Dev 15.07


Time Offset | PS25-2
h_R24_C1_Blk_169
Entries 415
Mean −34.67
Std Dev 16.28


Time Offset | PS26-1
h_R25_C0_Blk_175
Entries 165
Mean −32.42
Std Dev 16.76


Time Offset | PS26-2
h_R25_C1_Blk_176
Entries 53
Mean −32.39
Std Dev 16.03