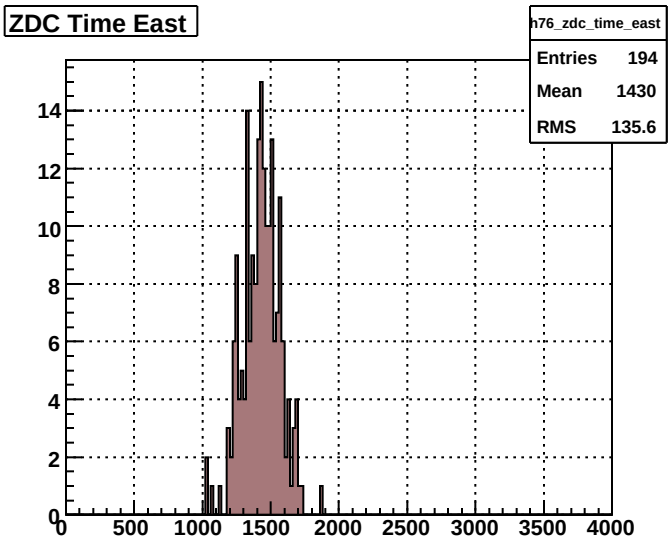
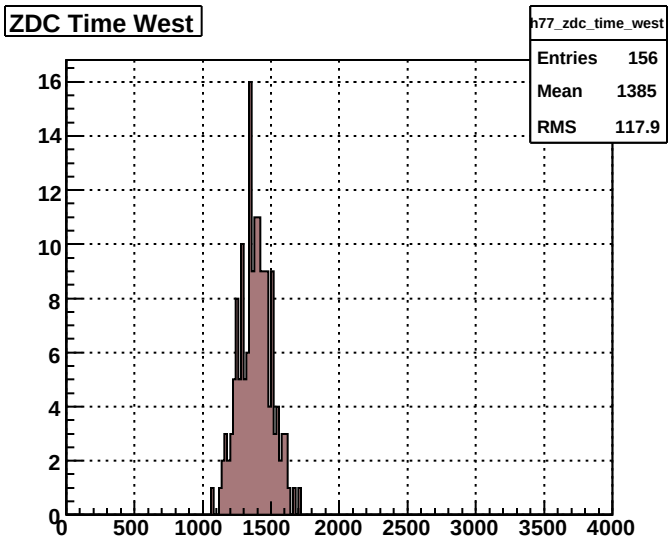
Run: #12079028

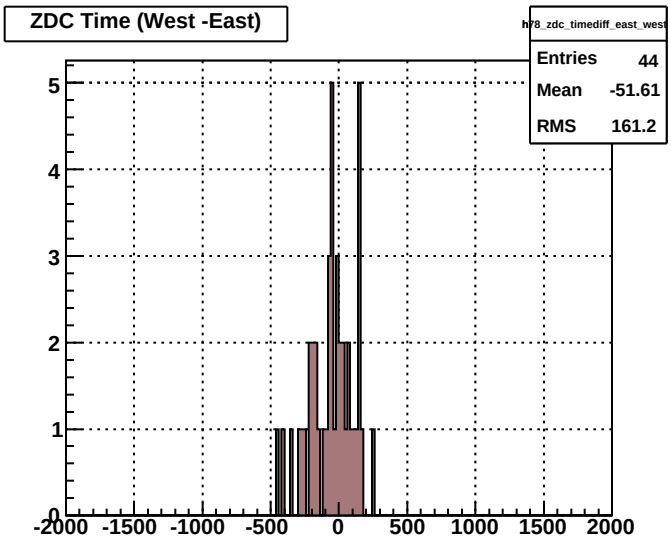
TriggerBits: 11111111 11111111 11111111 11111111

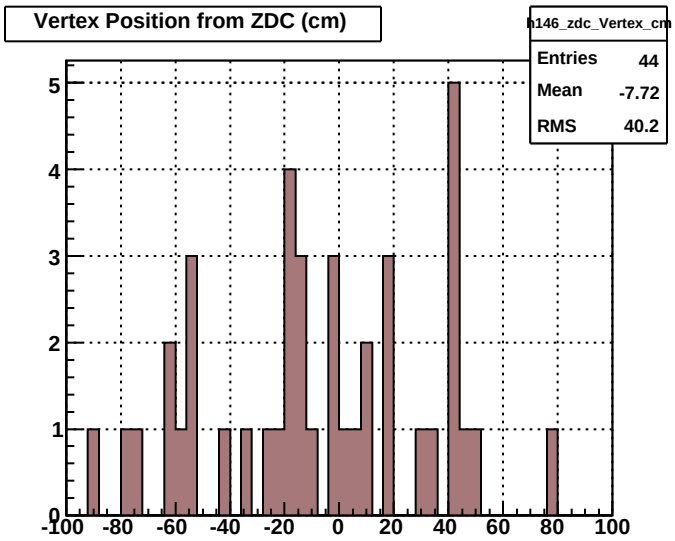
DetectorBits: 00000000 01011100 01000011 00001100

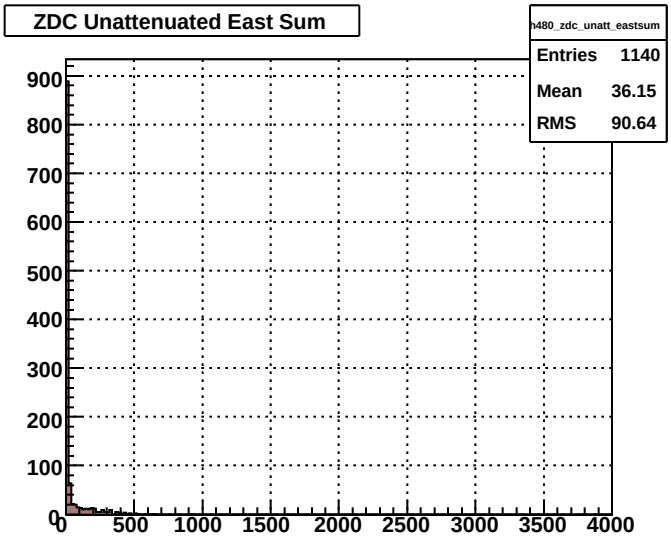
Sun Mar 20 18:17:13 2011

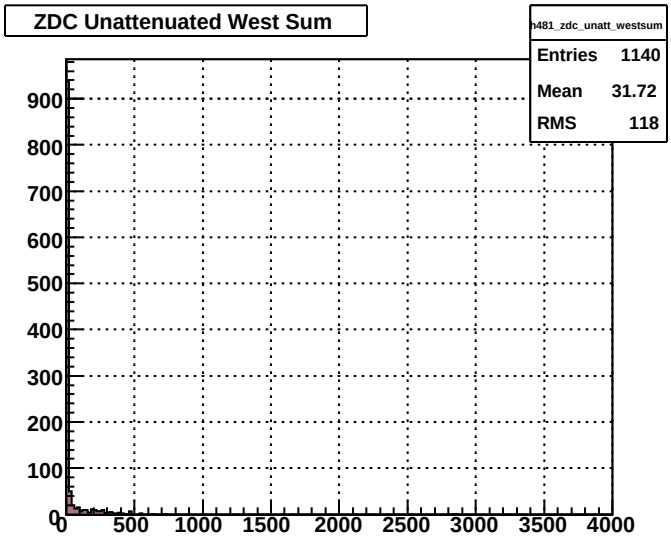

ZDC Time East
h76_zdc_time_east
Entries 194
Mean 1430
RMS 135.6

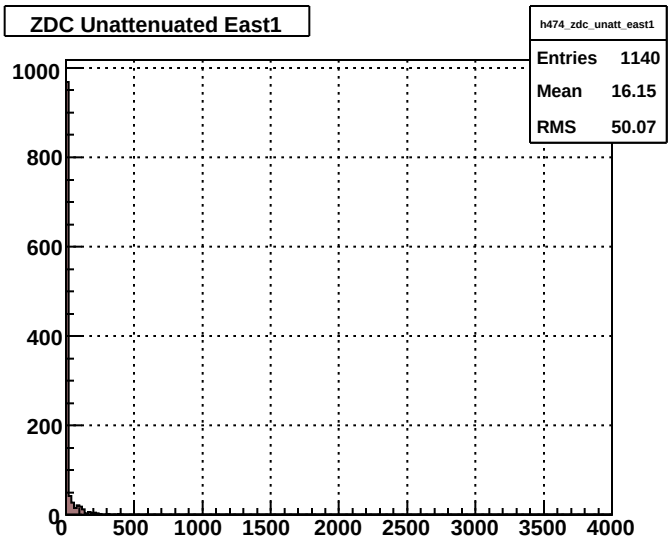

ZDC Time West
h77_zdc_time_west
Entries 156
Mean 1385
RMS 117.9

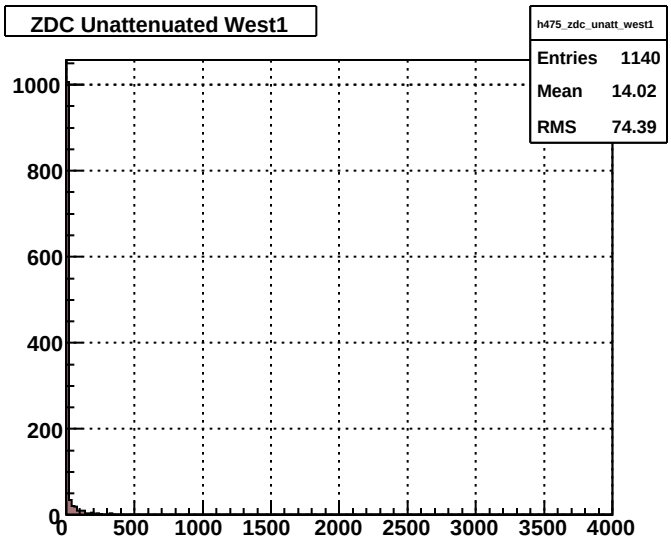

ZDC Time (West -East)
h78_zdc_timediff_east_west
Entries 44
Mean -51.61
RMS 161.2


Vertex Position from ZDC (cm)
h146_zdc_Vertex_cm
Entries 44
Mean -7.72
RMS 40.2


ZDC Unattenuated East Sum
h480_zdc_unatt_eastsum
Entries 1140
Mean 36.15
RMS 90.64


ZDC Unattenuated West Sum
h481_zdc_unatt_westsum
Entries 1140
Mean 31.72
RMS 118


ZDC Unattenuated East1
h474_zdc_unatt_east1
Entries 1140
Mean 16.15
RMS 50.07
0
200
400
600
800
1000
0
500
1000
1500
2000
2500
3000
3500
4000


ZDC Unattenuated West1
h475_zdc_unatt_west1
Entries 1140
Mean 14.02
RMS 74.39
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400
600
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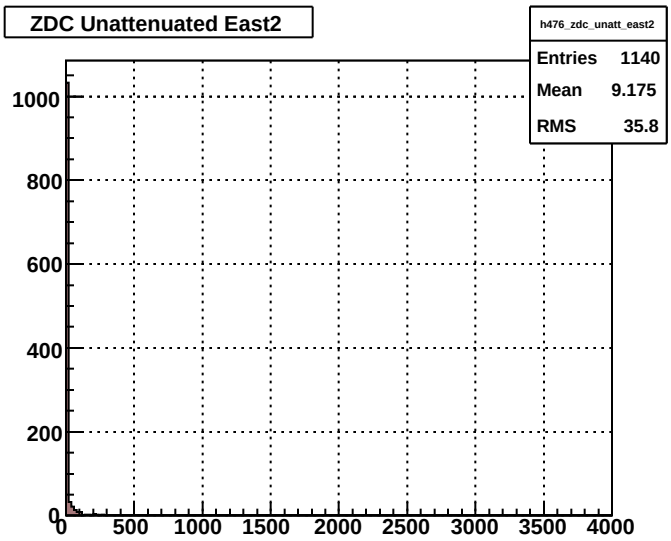
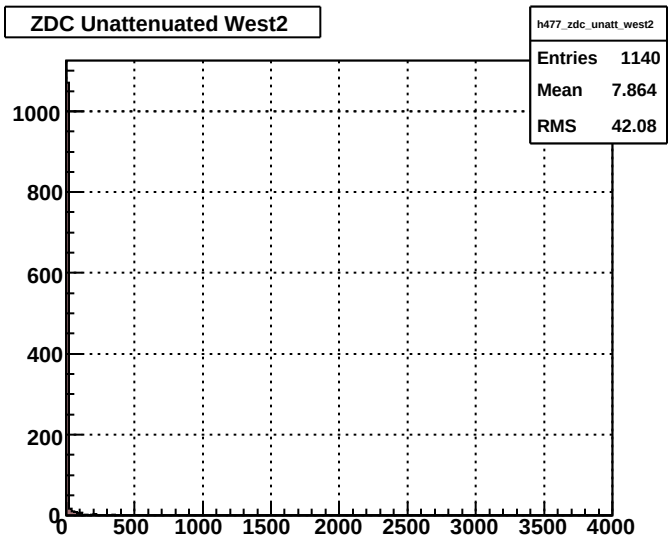
0
500
1000
1500
2000
2500
3000
3500
4000


ZDC Unattenuated East2
h476_zdc_unatt_east2
Entries 1140
Mean 9.175
RMS 35.8
0
200
400
600
800
1000
0
500
1000
1500
2000
2500
3000
3500
4000


ZDC Unattenuated West2
h477_zdc_unatt_west2
Entries 1140
Mean 7.864
RMS 42.08
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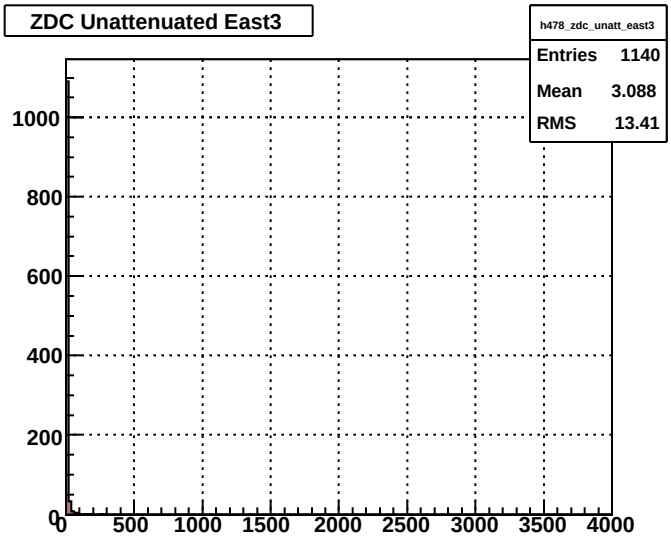
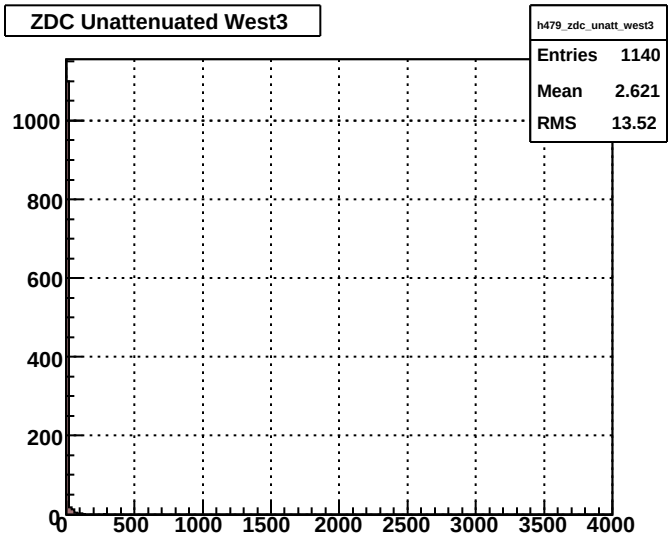
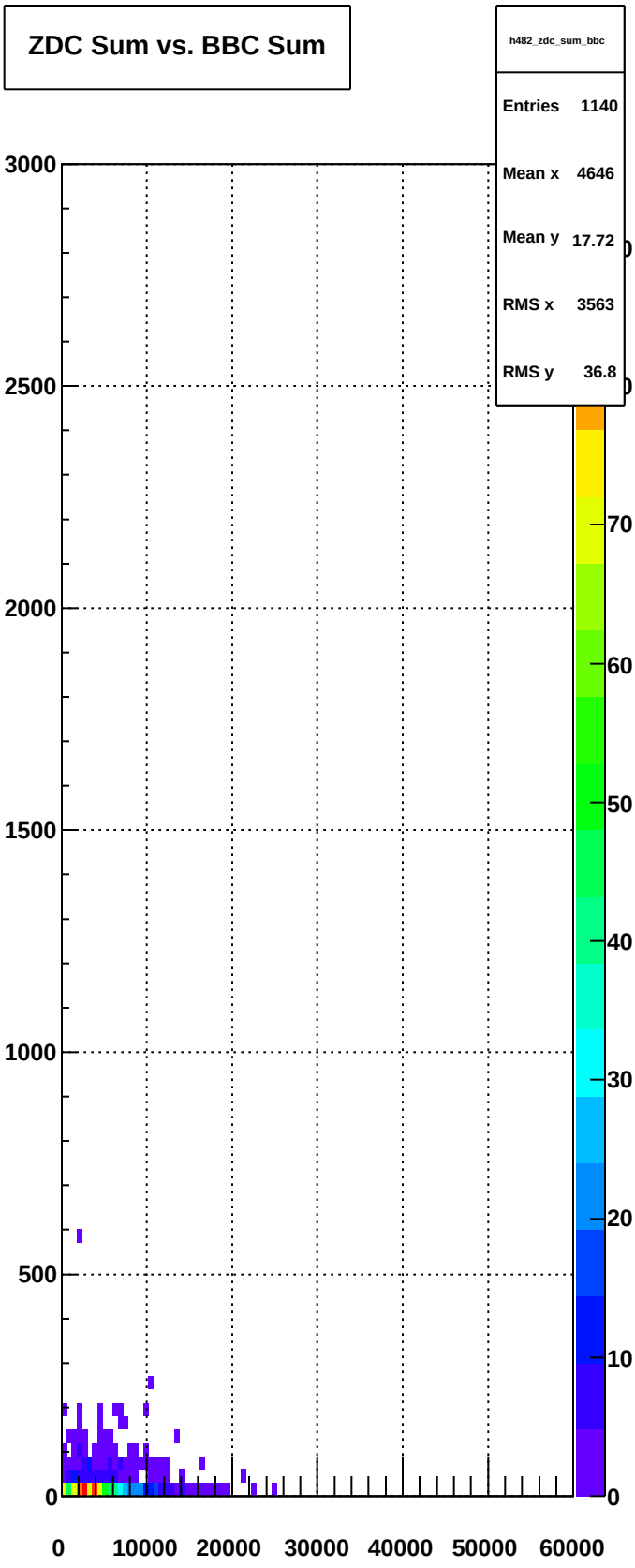
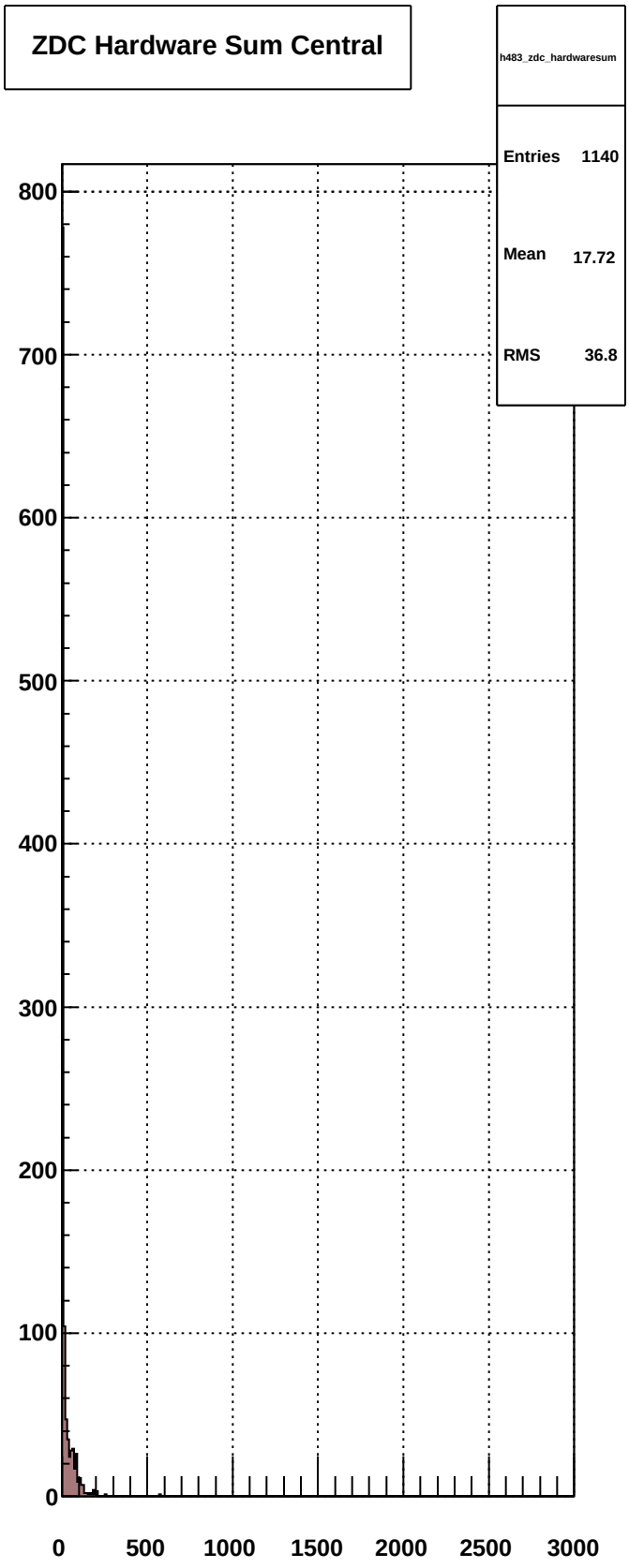
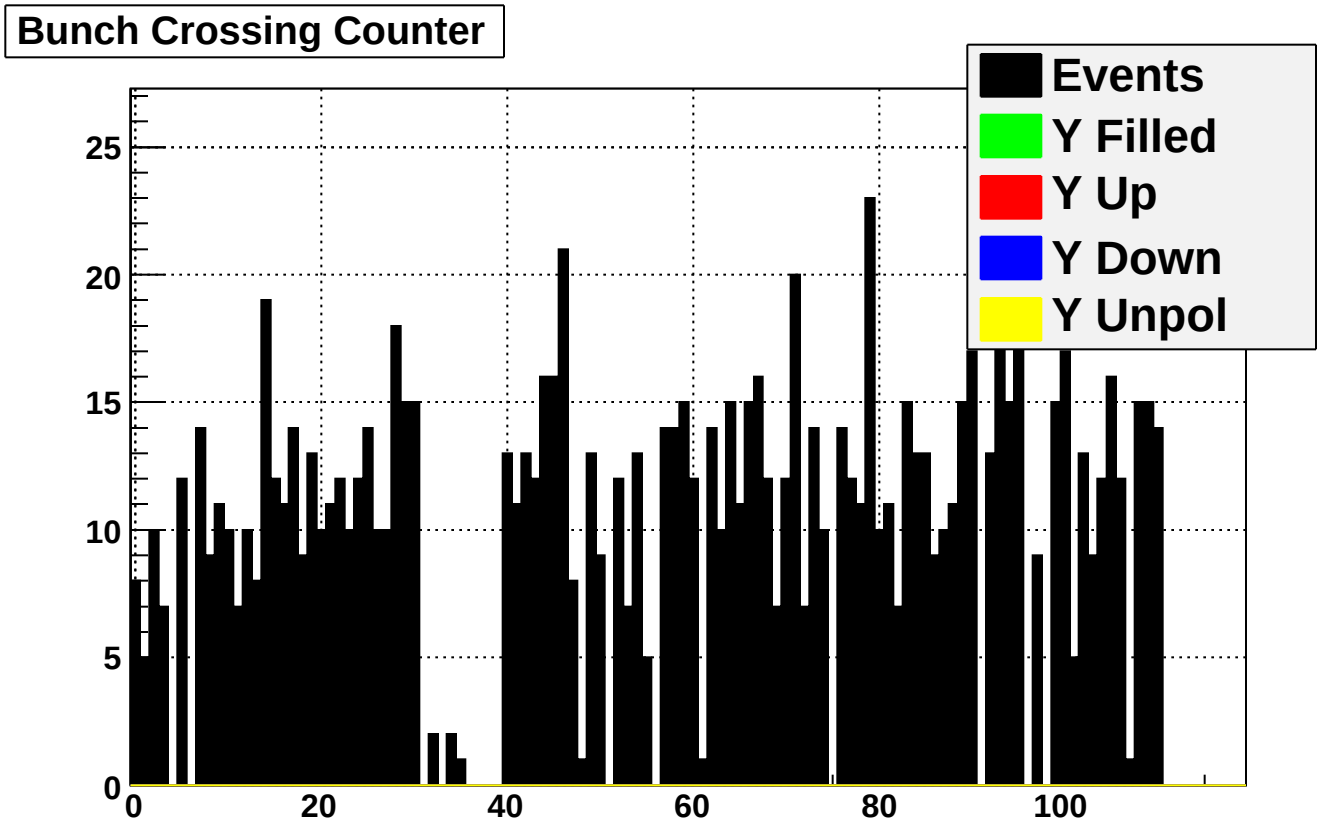
200
400
600
800
1000
0
500
1000
1500
2000
2500
3000
3500
4000

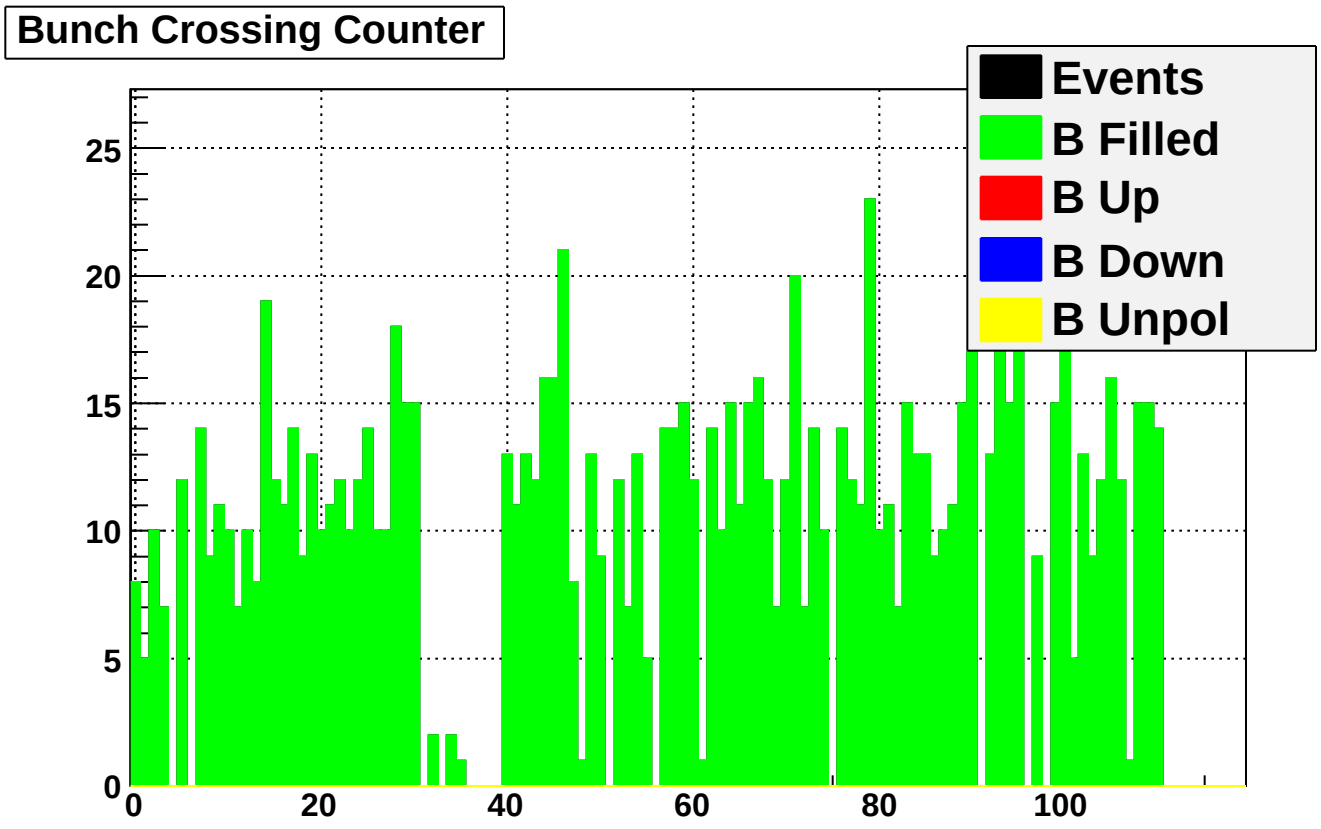

ZDC Unattenuated East3
h478_zdc_unatt_east3
Entries 1140
Mean 3.088
RMS 13.41
0
200
400
600
800
1000
0
500
1000
1500
2000
2500
3000
3500
4000

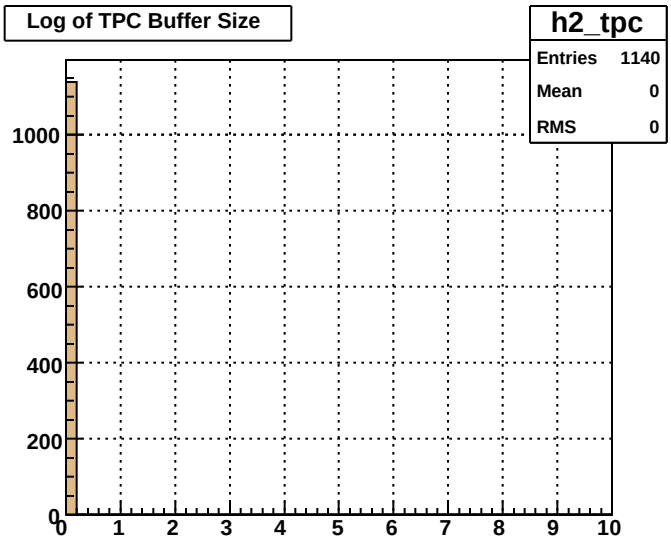

ZDC Unattenuated West3
h479_zdc_unatt_west3
Entries 1140
Mean 2.621
RMS 13.52
0
200
400
600
800
1000
0
500
1000
1500
2000
2500
3000
3500
4000

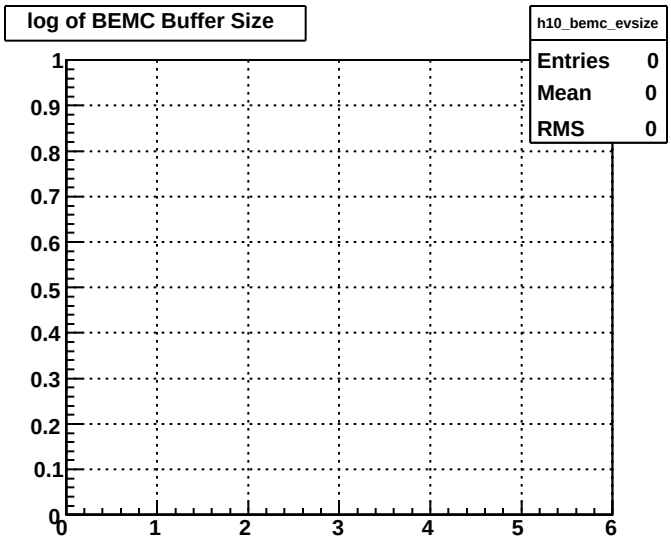

ZDC Sum vs. BBC Sum
h482_zdc_sum_bbc
Entries 1140
Mean x 4646
Mean y 17.72
RMS x 3563
RMS y 36.8
3000
2500
2000
1500
1000
500
0
0
10000
20000
30000
40000
50000
60000
70
60
50
40
30
20
10
0

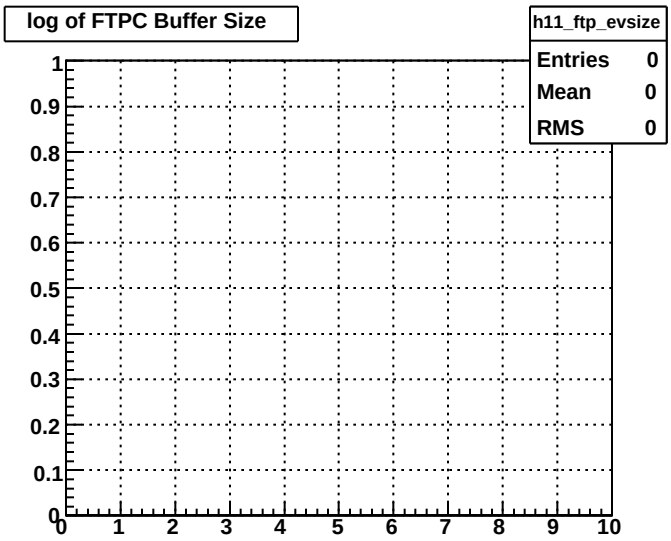

ZDC Hardware Sum Central
h483_zdc_hardwaresum
Entries 1140
Mean 17.72
RMS 36.8
800
700
600
500
400
300
200
100
0
0
500
1000
1500
2000
2500
3000

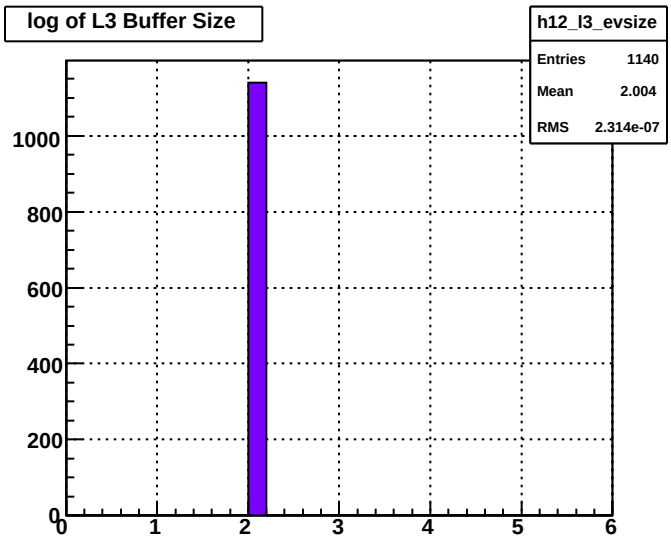

Bunch Crossing Counter
Events
Y Filled
Y Up
Y Down
Y Unpol
0
5
10
15
20
25
0
20
40
60
80
100

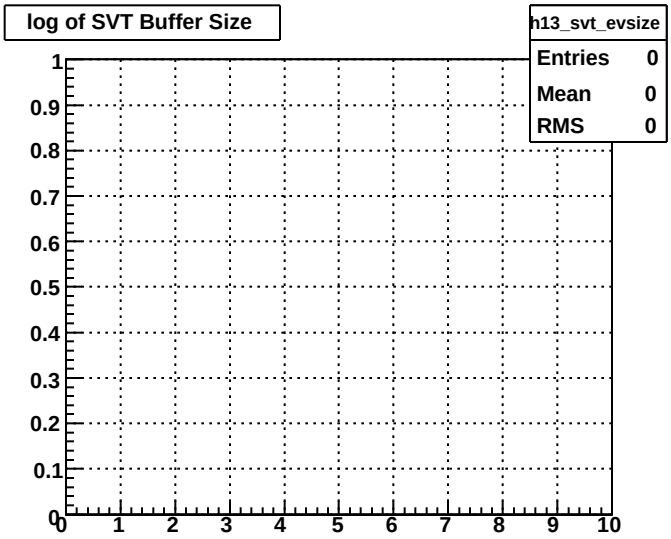

Bunch Crossing Counter
Events
B Filled
B Up
B Down
B Unpol
0
5
10
15
20
25
0
20
40
60
80
100

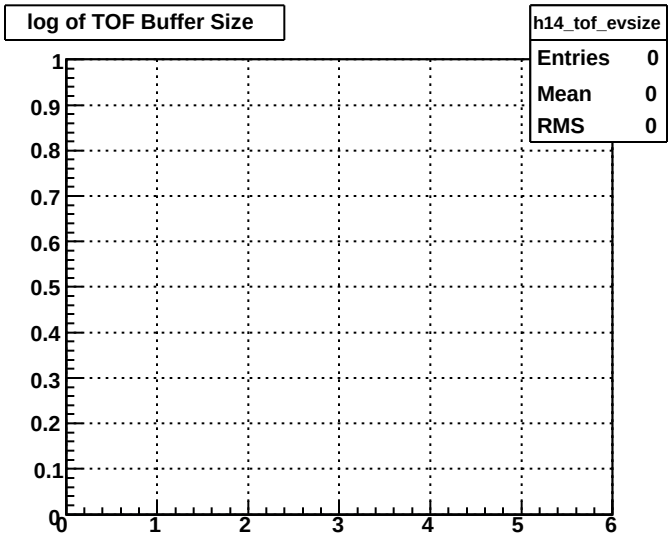

Log of TPC Buffer Size
h2_tpc
Entries 1140
Mean 0
RMS 0

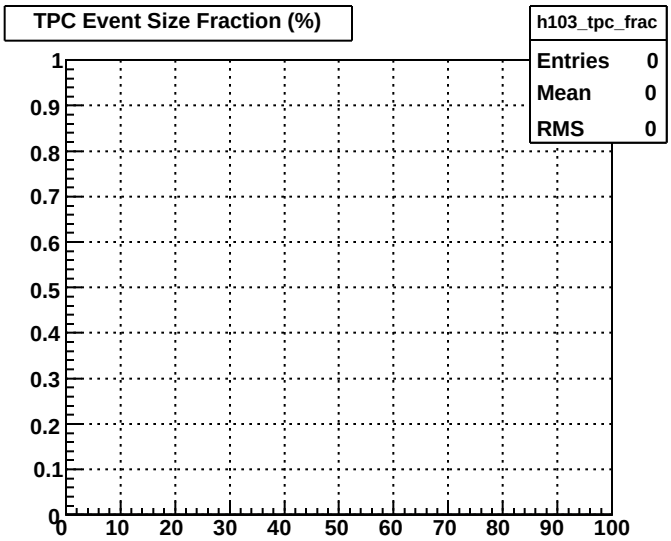

log of BEMC Buffer Size
h10_bemc_evsize
Entries 0
Mean 0
RMS 0

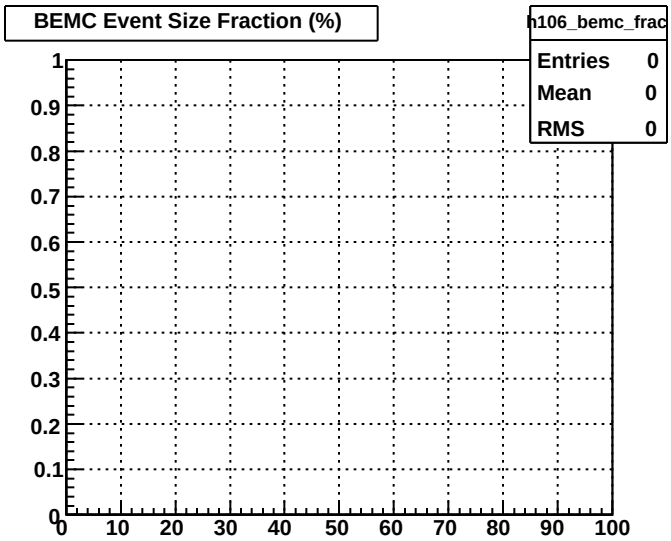

log of FTPC Buffer Size
h11_ftp_evsize
Entries 0
Mean 0
RMS 0

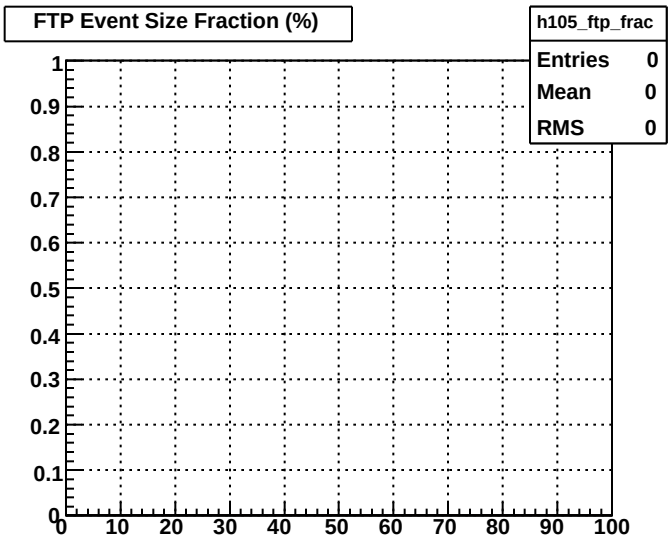

log of L3 Buffer Size
h12_l3_evsize
Entries 1140
Mean 2.004
RMS 2.314e-07

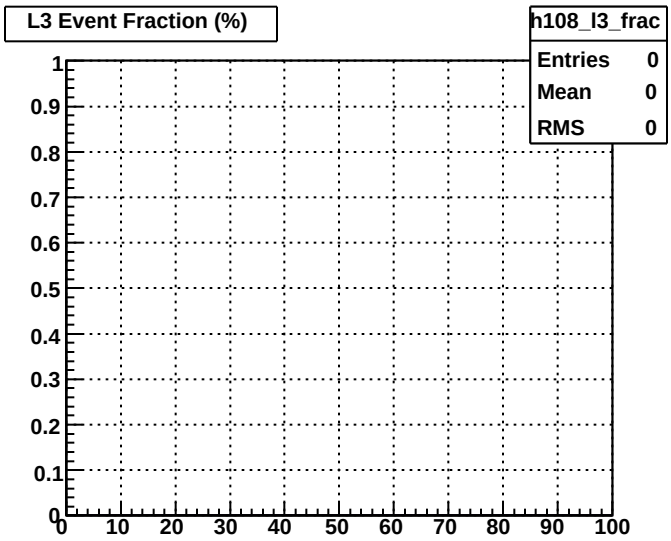

log of SVT Buffer Size
h13_svt_evsize
Entries 0
Mean 0
RMS 0

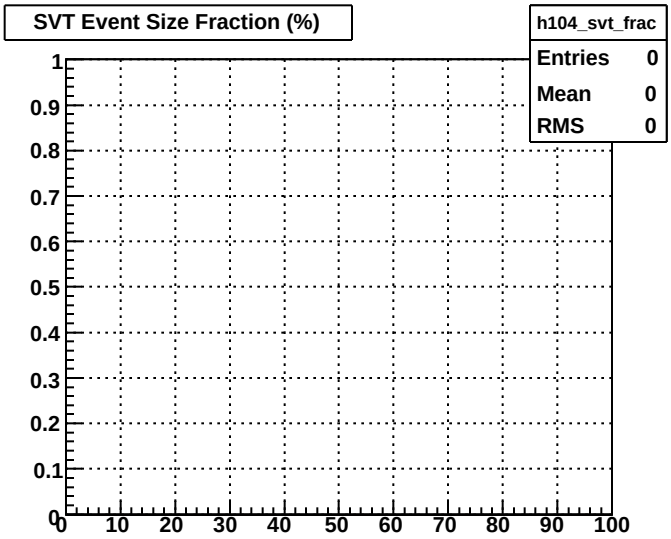

log of TOF Buffer Size
h14_tof_evsize
Entries 0
Mean 0
RMS 0

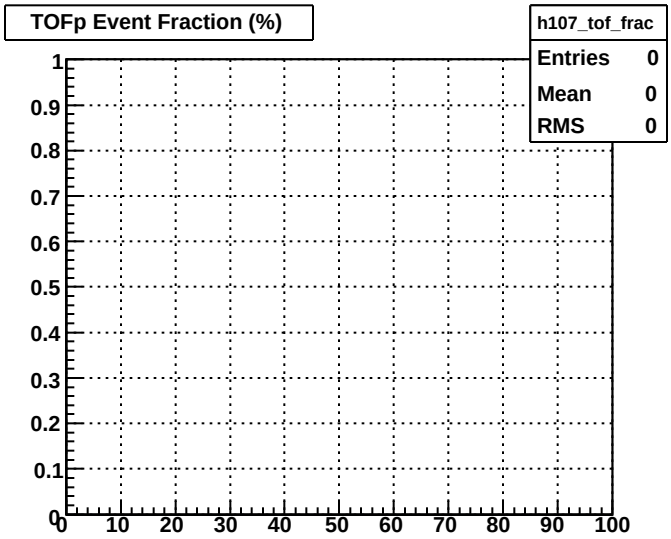

TPC Event Size Fraction (%)
h103_tpc_frac
Entries 0
Mean 0
RMS 0


BEMC Event Size Fraction (%)
h106_bemc_frac
Entries 0
Mean 0
RMS 0

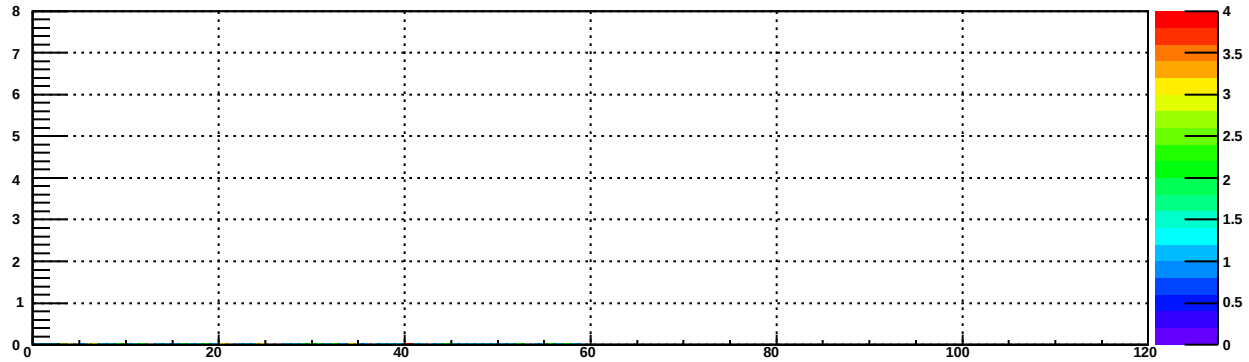

FTP Event Size Fraction (%)
h105_ftp_frac
Entries 0
Mean 0
RMS 0


L3 Event Fraction (%)
h108_l3_frac
Entries 0
Mean 0
RMS 0

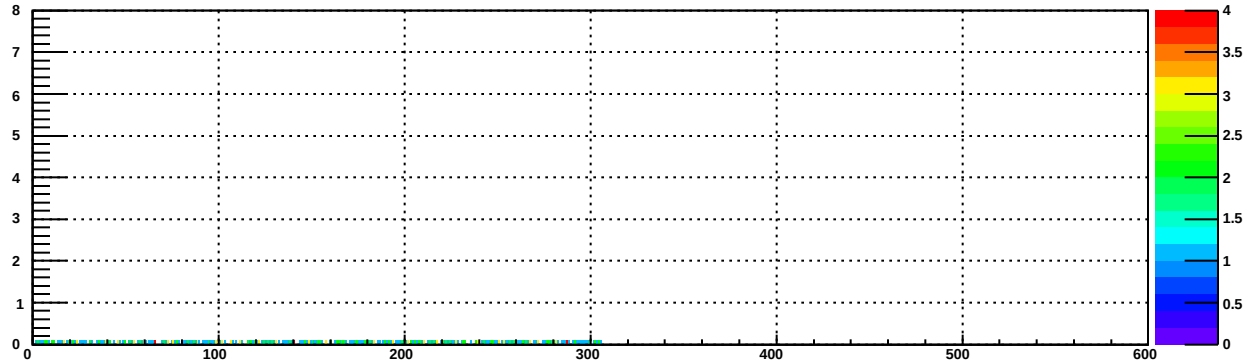

SVT Event Size Fraction (%)
h104_svt_frac
Entries 0
Mean 0
RMS 0


TOFp Event Fraction (%)
h107_tof_frac
Entries 0
Mean 0
RMS 0

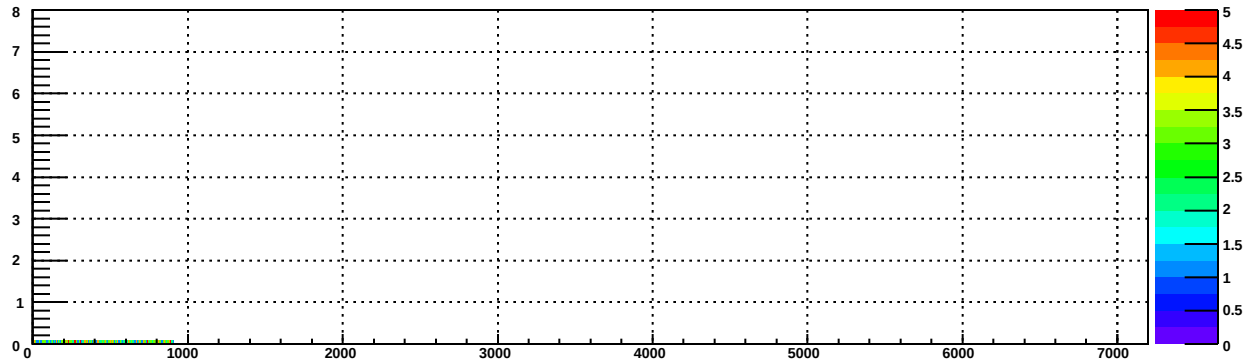
Event Size (Log10) vs time (sec)



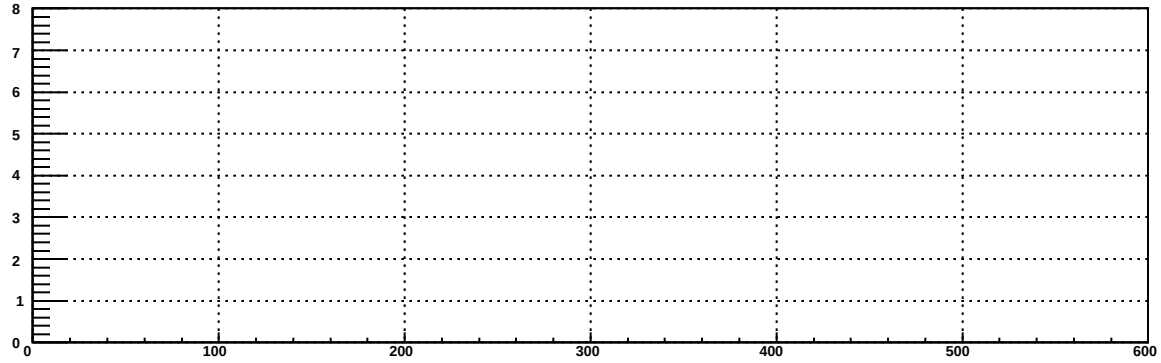
Event Size (Log10) vs time (sec)

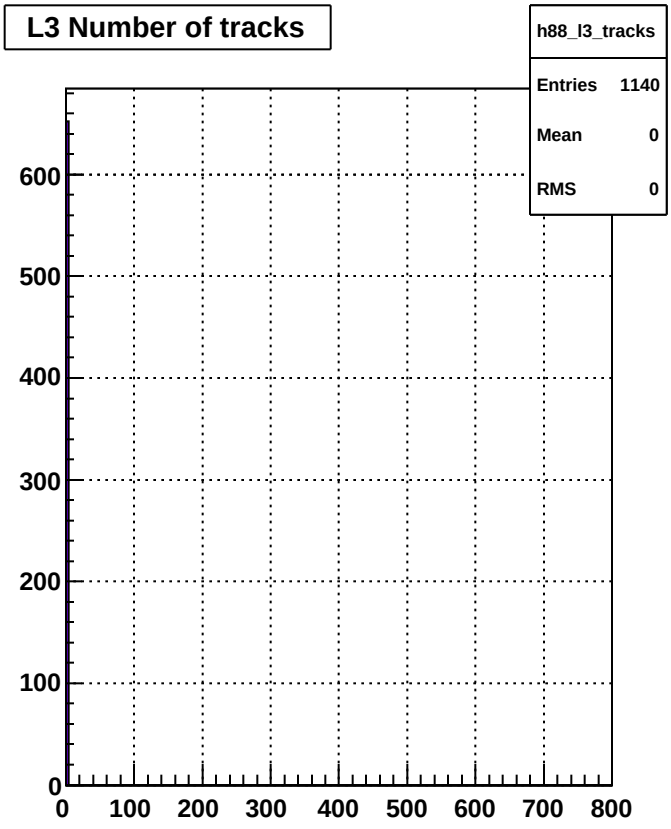


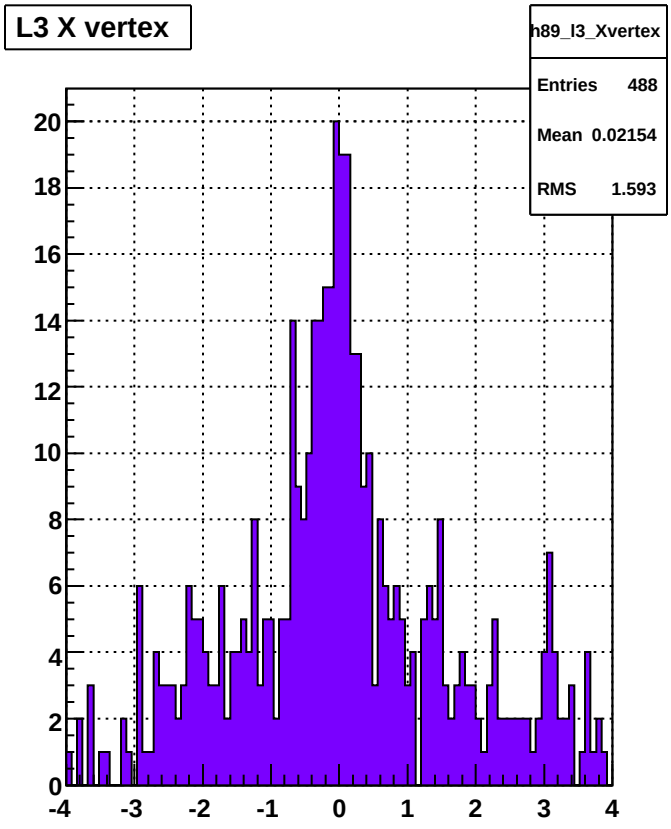
Event Size (Log10) vs time(sec)

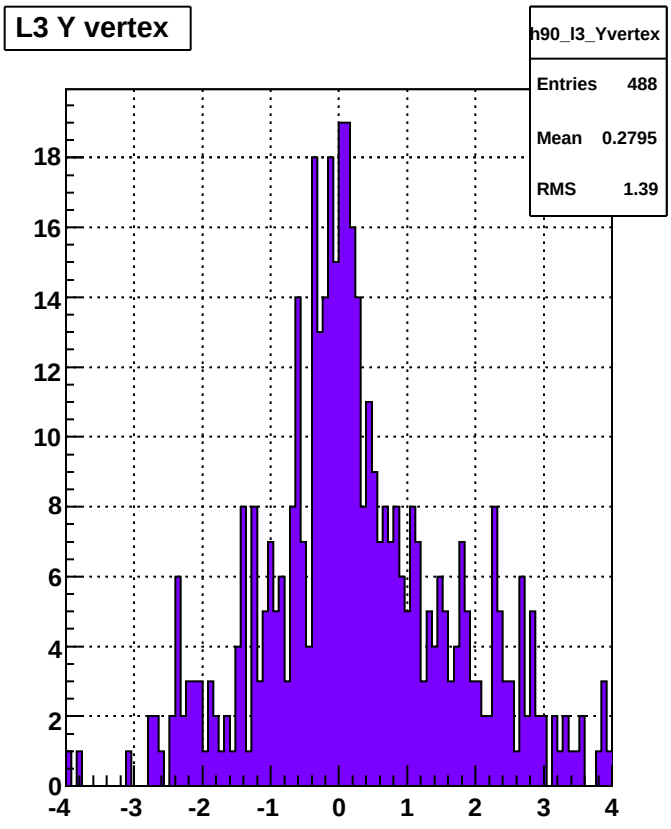


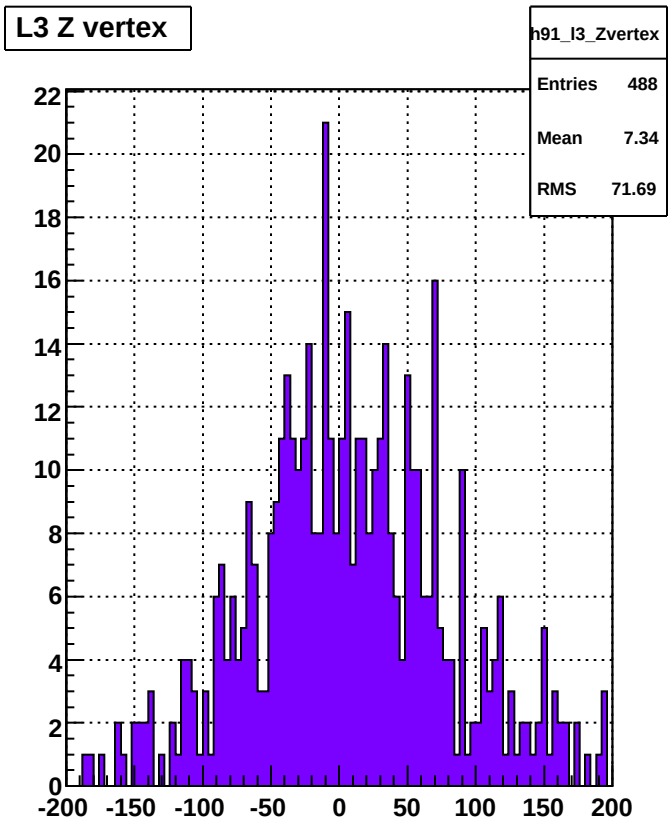
FTPC Event Size vs time(sec)



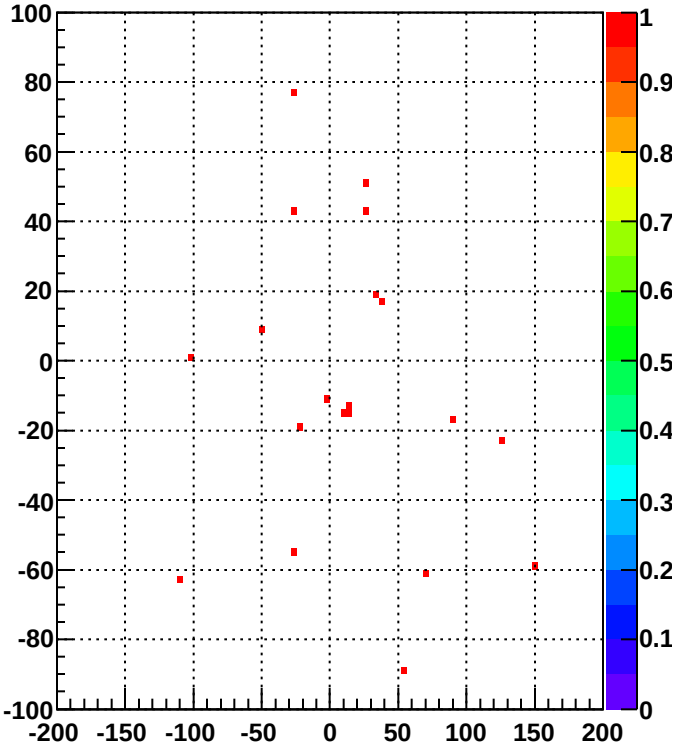

L3 Number of tracks
h88_l3_tracks
Entries 1140
Mean 0
RMS 0
0
100
200
300
400
500
600
0
100
200
300
400
500
600
700
800


L3 X vertex
h89_l3_Xvertex
Entries 488
Mean 0.02154
RMS 1.593
0
2
4
6
8
10
12
14
16
18
20
-4
-3
-2
-1
0
1
2
3
4

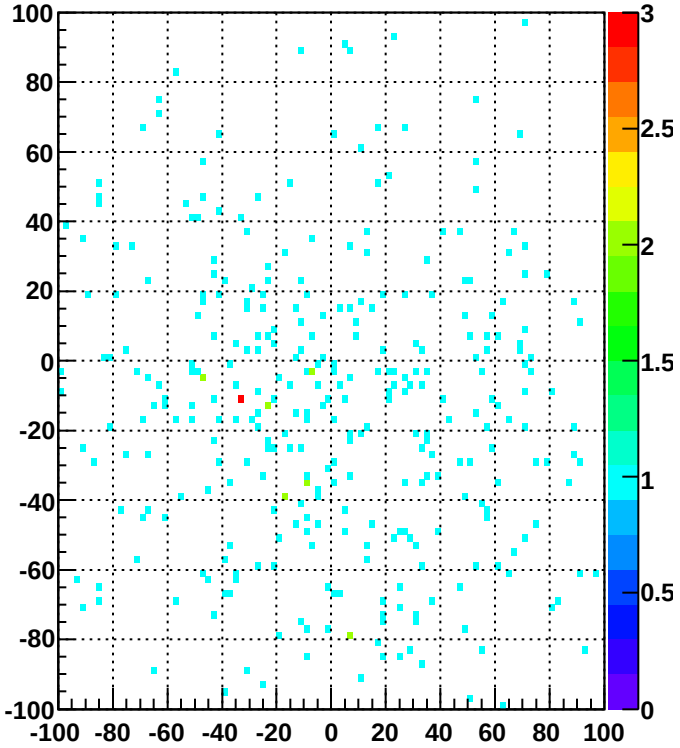

L3 Y vertex
h90_l3_Yvertex
Entries 488
Mean 0.2795
RMS 1.39
0
2
4
6
8
10
12
14
16
18
-4
-3
-2
-1
0
1
2
3
4


L3 Z vertex
h91_l3_Zvertex
Entries 488
Mean 7.34
RMS 71.69
0
2
4
6
8
10
12
14
16
18
20
22
-200
-150
-100
-50
0
50
100
150
200

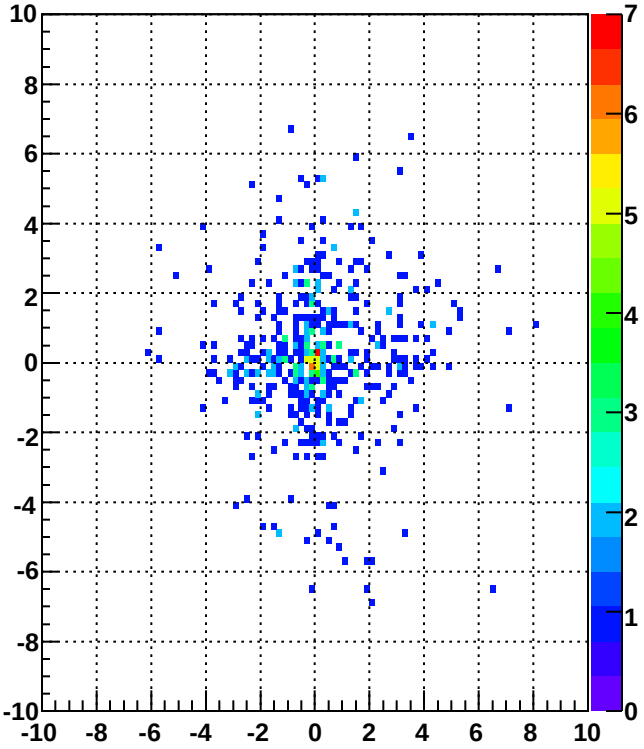
ZDC Vertex vs L3 Vertex



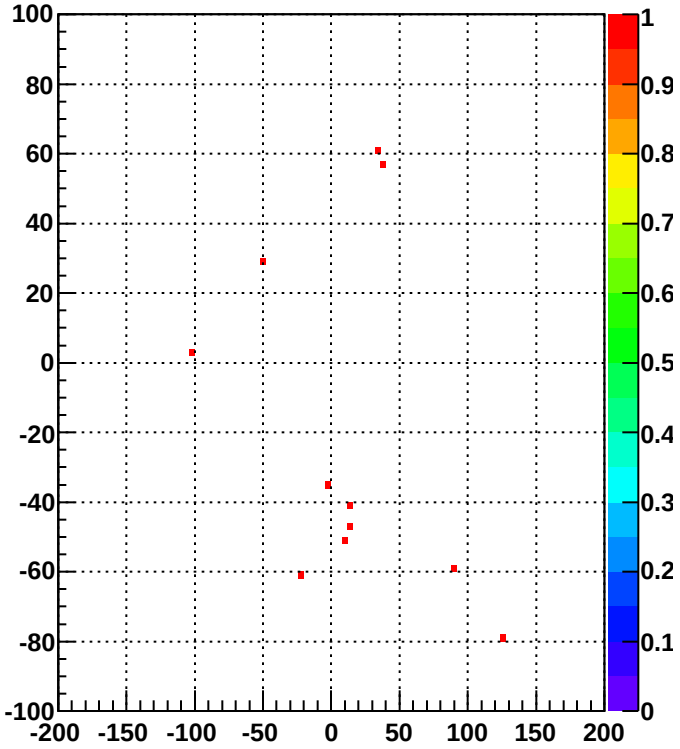
BBC Vertex vs L3 Vertex

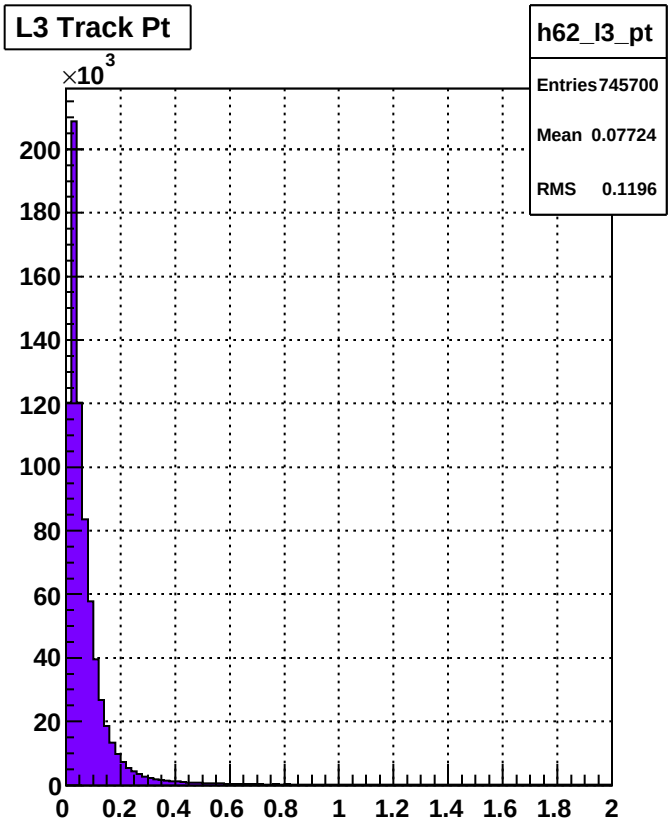


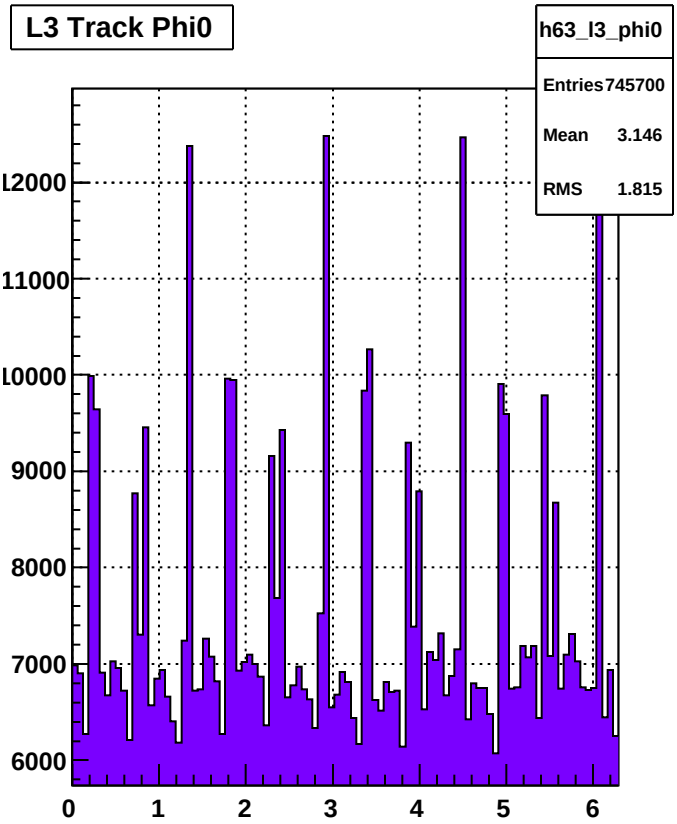
L3 Vertex Y vs X

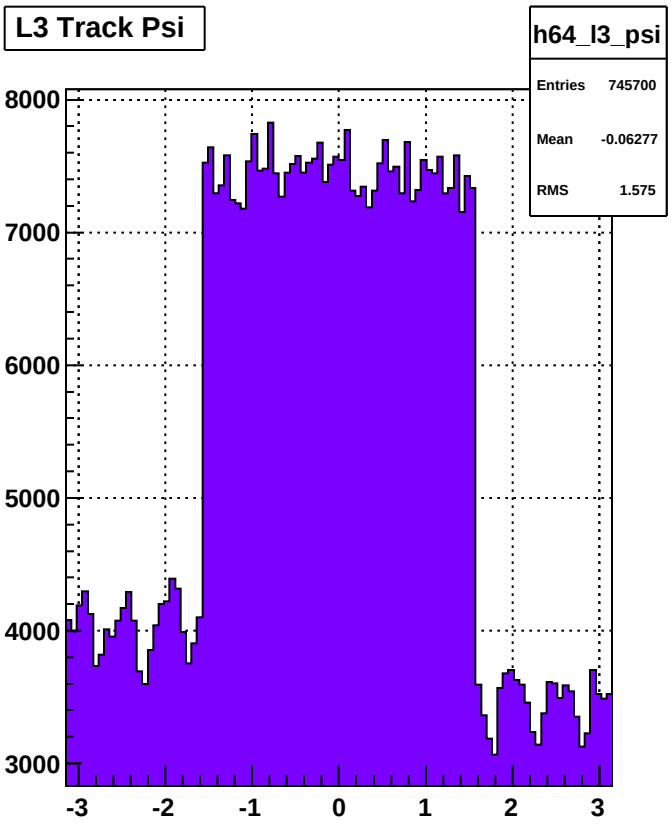


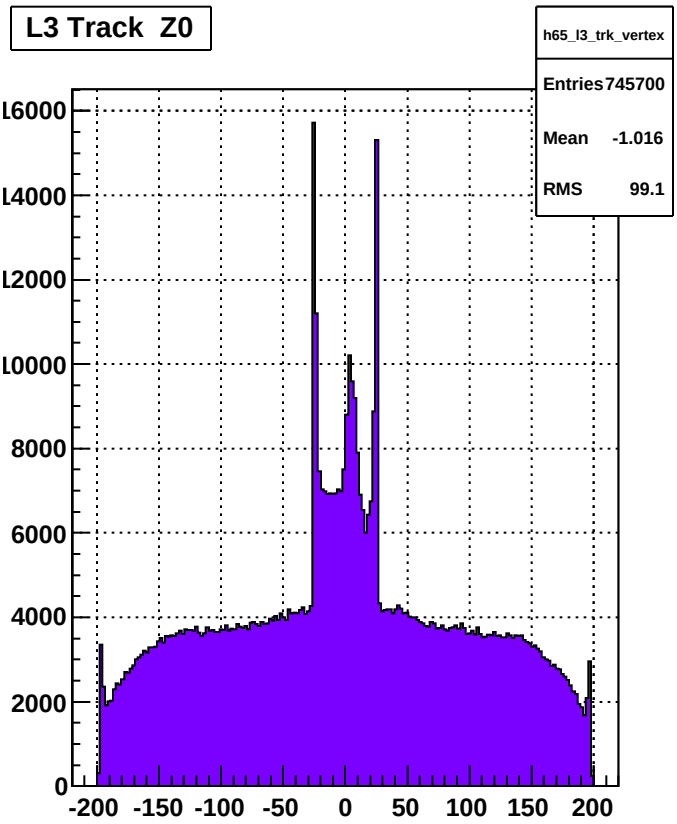
L3 Vertex-Z vs ZDC Timing difference

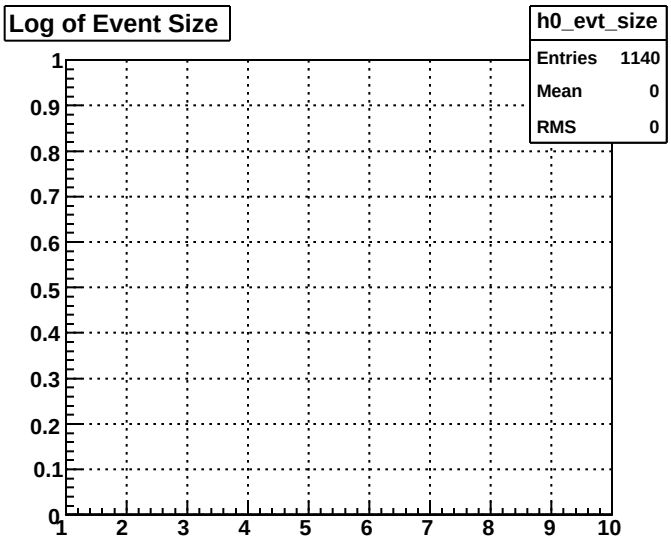


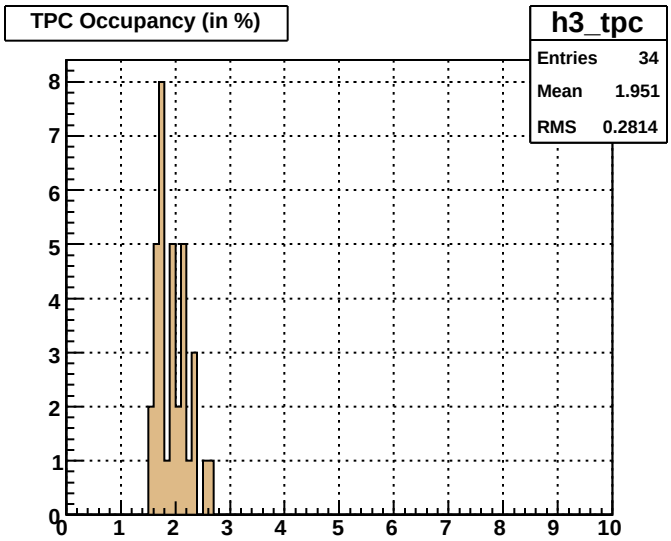

L3 Track Pt
h62_l3_pt
Entries 745700
Mean 0.07724
RMS 0.1196
×10^3
200
180
160
140
120
100
80
60
40
20
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

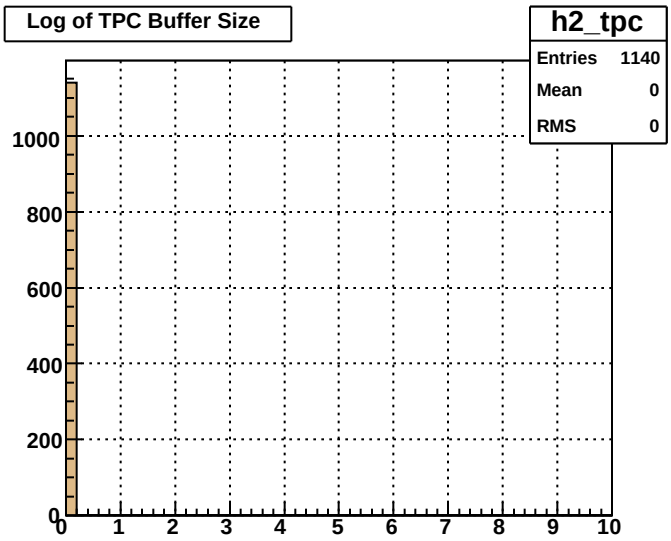

L3 Track Phi0
h63_l3_phi0
Entries 745700
Mean 3.146
RMS 1.815
12000
11000
10000
9000
8000
7000
6000
0 1 2 3 4 5 6

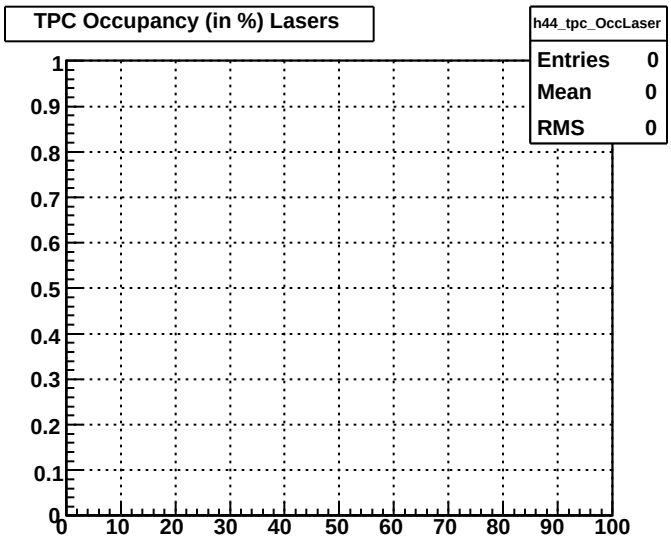

L3 Track Psi
h64_l3_psi
Entries 745700
Mean -0.06277
RMS 1.575
8000
7000
6000
5000
4000
3000
-3 -2 -1 0 1 2 3

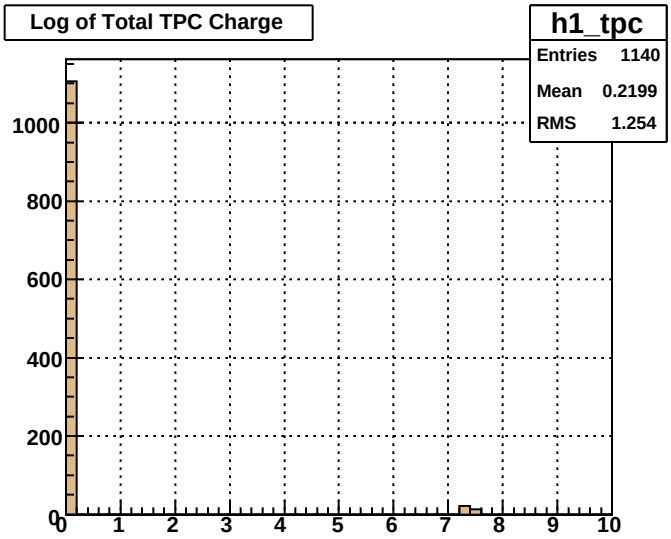

L3 Track Z0
h65_l3_trk_vertex
Entries 745700
Mean -1.016
RMS 99.1
16000
14000
12000
10000
8000
6000
4000
2000
0
-200 -150 -100 -50 0 50 100 150 200

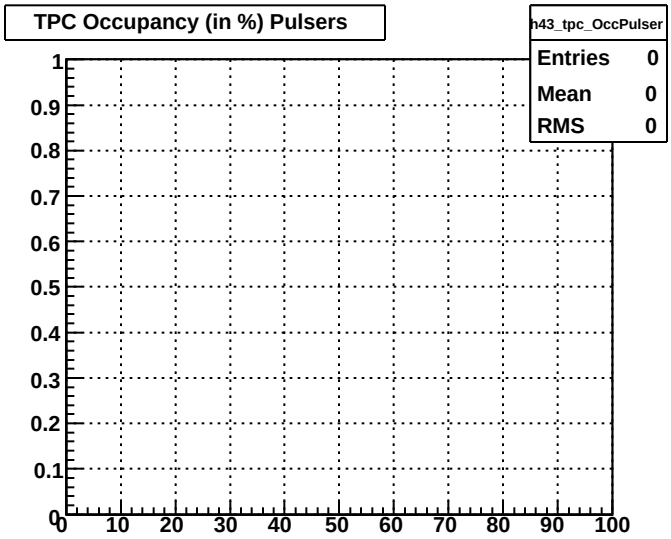

Log of Event Size
h0_evt_size
Entries 1140
Mean 0
RMS 0


TPC Occupancy (in %)
h3_tpc
Entries 34
Mean 1.951
RMS 0.2814

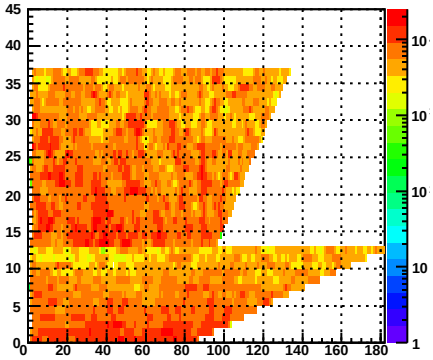

Log of TPC Buffer Size
h2_tpc
Entries 1140
Mean 0
RMS 0


TPC Occupancy (in %) Lasers
h44_tpc_OccLaser
Entries 0
Mean 0
RMS 0

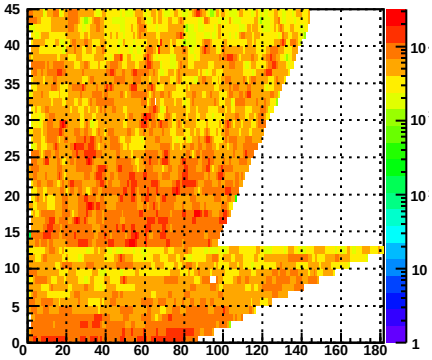

Log of Total TPC Charge
h1_tpc
Entries 1140
Mean 0.2199
RMS 1.254


TPC Occupancy (in %) Pulsers
h43_tpc_OccPulser
Entries 0
Mean 0
RMS 0

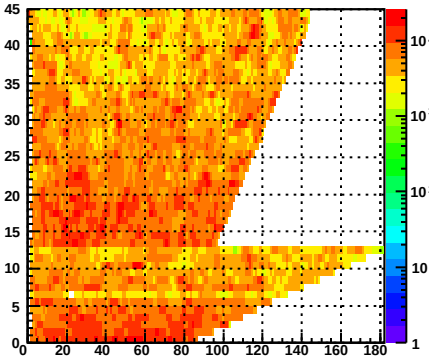
Sec. 1 charge per pad



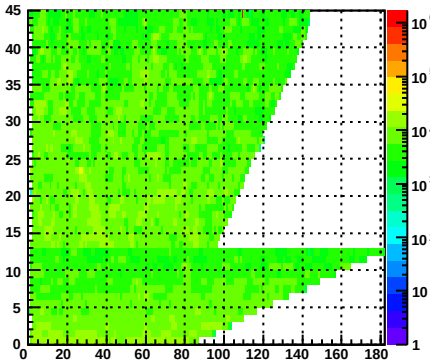
Sec. 2 charge per pad



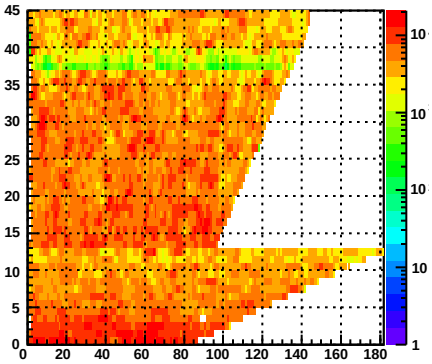
Sec. 3 charge per pad



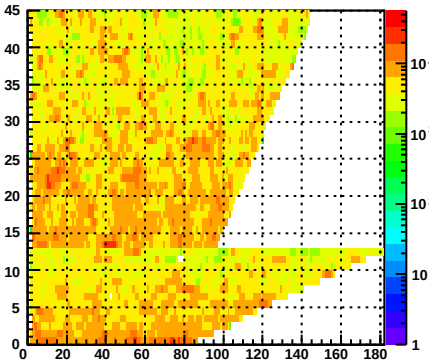
Sec. 4 charge per pad



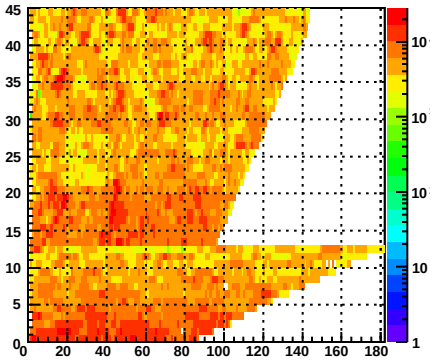
Sec. 5 charge per pad



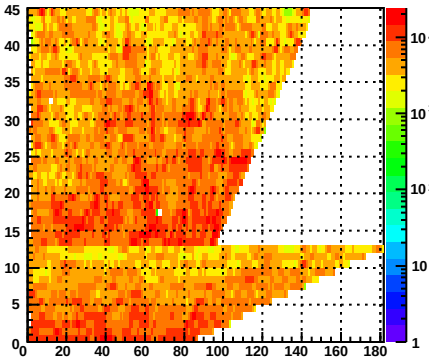
Sec. 6 charge per pad



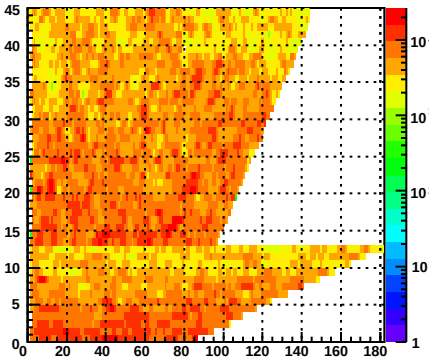
Sec. 7 charge per pad



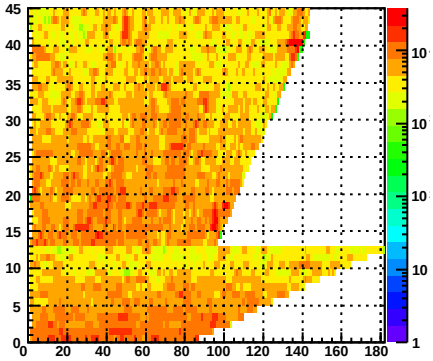
Sec. 8 charge per pad



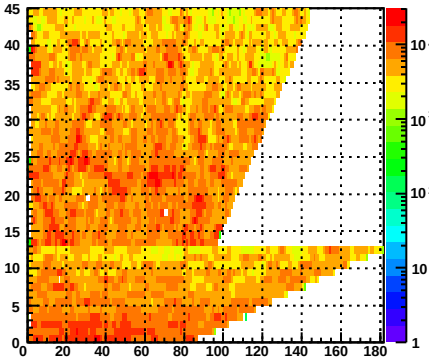
Sec. 9 charge per pad



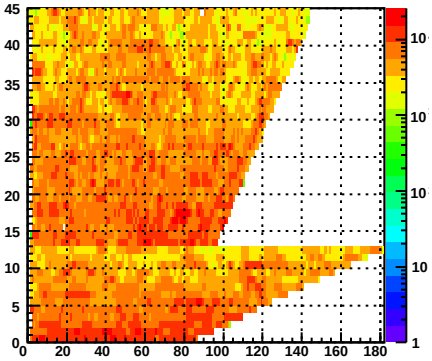
Sec. 10 charge per pad



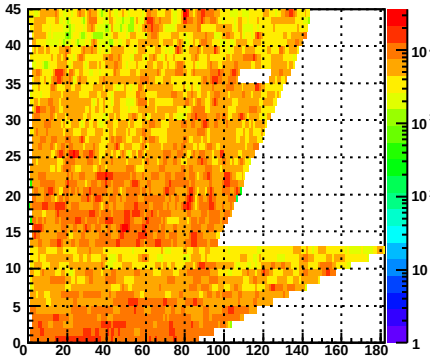
Sec. 11 charge per pad



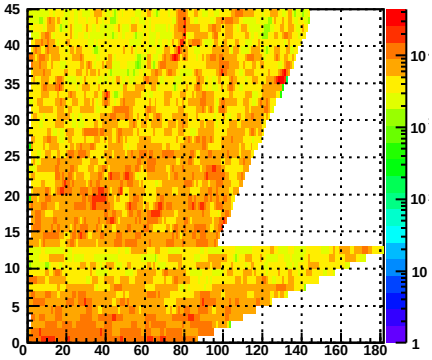
Sec. 12 charge per pad



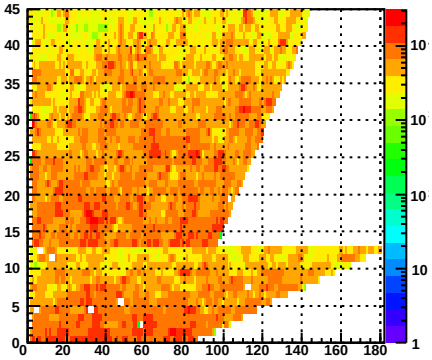
Sec. 13 charge per pad



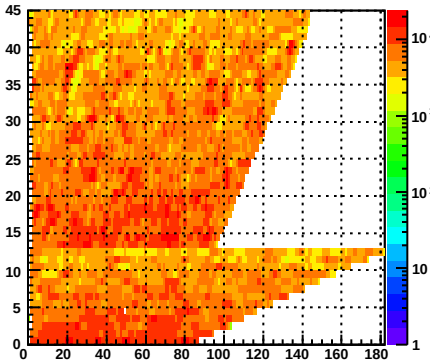
Sec. 14 charge per pad



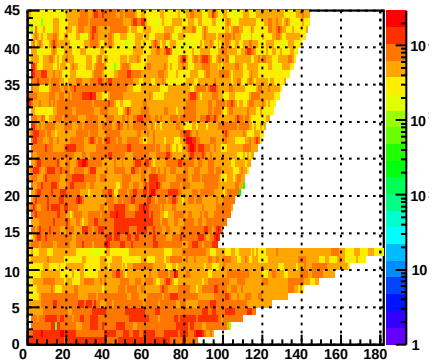
Sec. 15 charge per pad



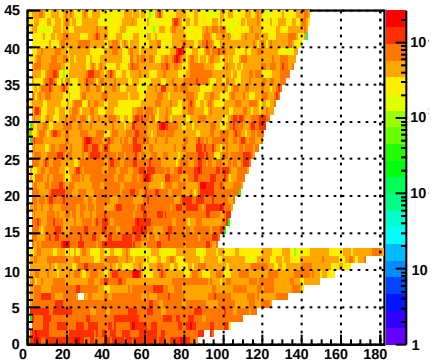
Sec. 16 charge per pad



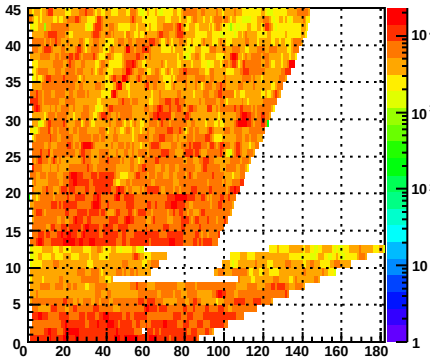
Sec. 17 charge per pad



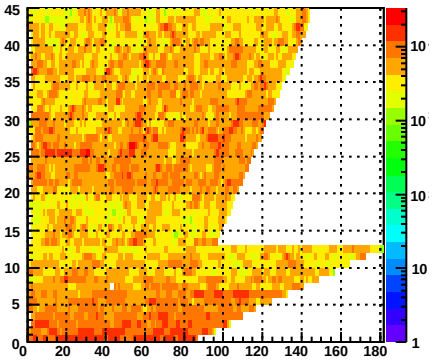
Sec. 18 charge per pad



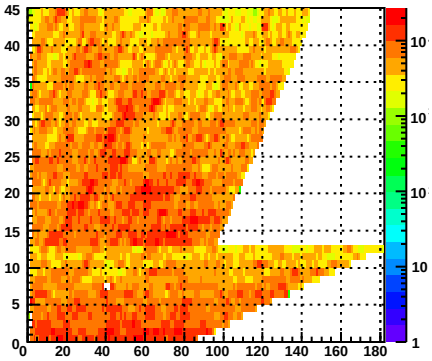
Sec. 19 charge per pad



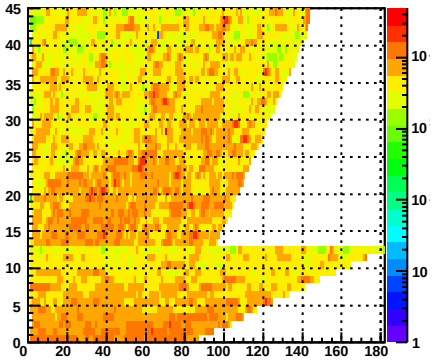
Sec. 20 charge per pad



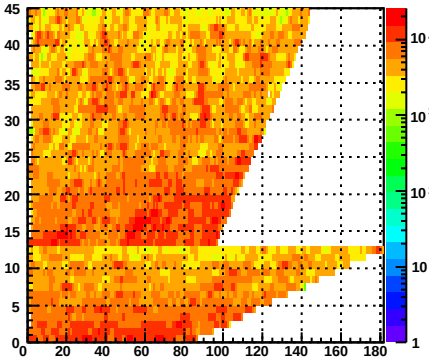
Sec. 21 charge per pad



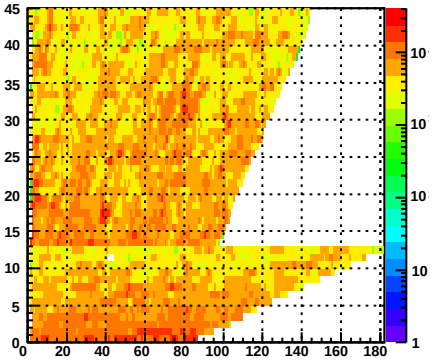
Sec. 22 charge per pad

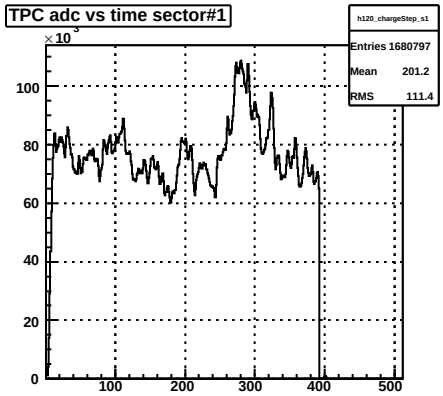


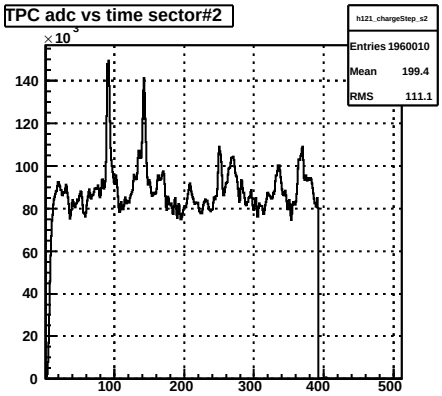
Sec. 23 charge per pad

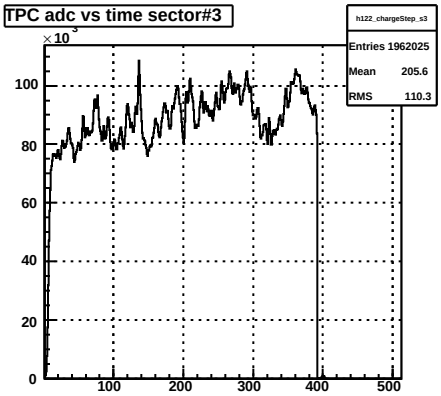


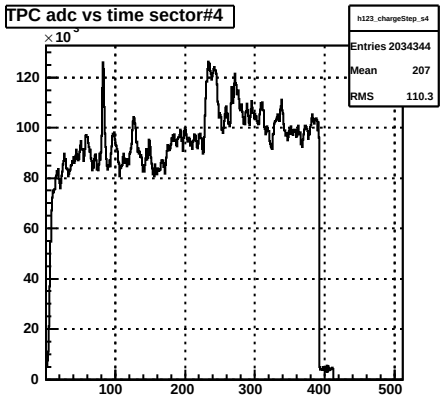
Sec. 24 charge per pad

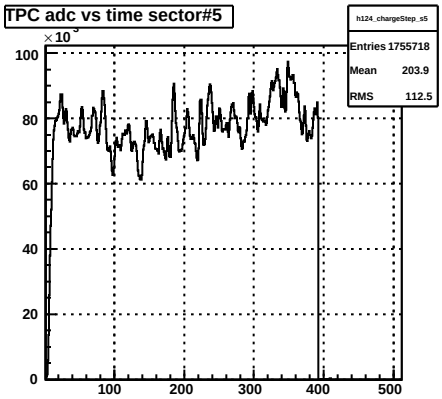


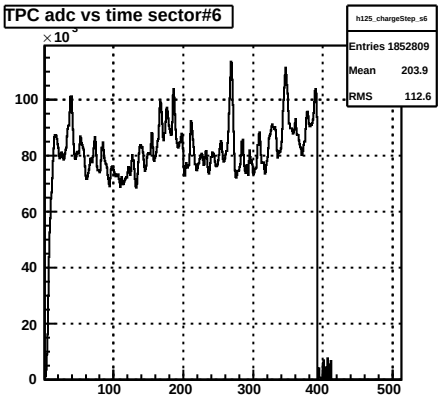

TPC adc vs time sector#1
h120_chargeStep_s1
Entries 1680797
Mean 201.2
RMS 111.4

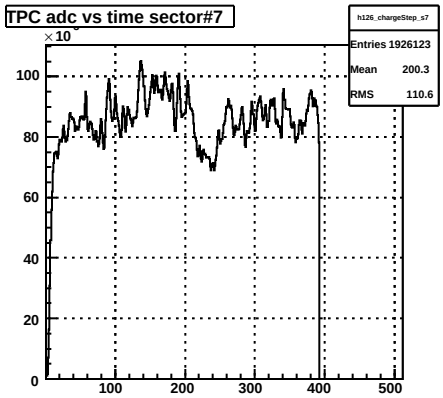

TPC adc vs time sector#2
h121_chargeStep_s2
Entries 1960010
Mean 199.4
RMS 111.1

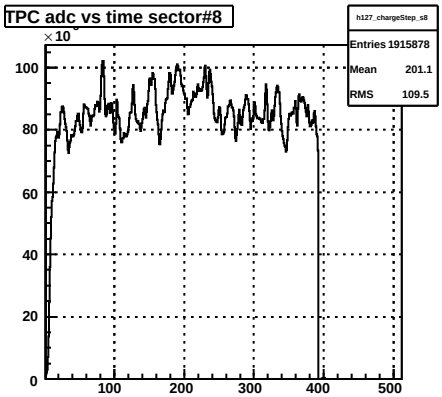

TPC adc vs time sector#3
h122_chargeStep_s3
Entries 1962025
Mean 205.6
RMS 110.3

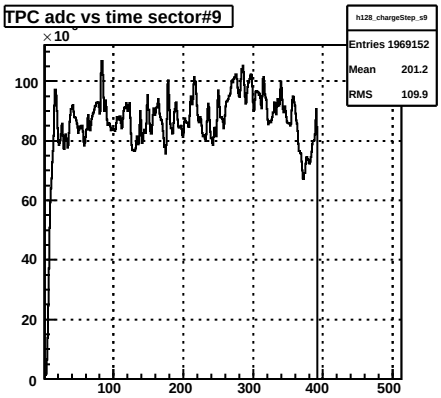

TPC adc vs time sector#4
h123_chargeStep_s4
Entries 2034344
Mean 207
RMS 110.3

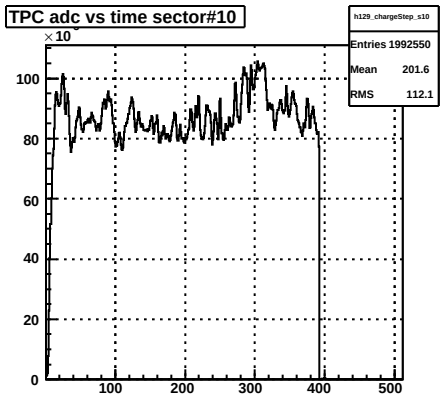

TPC adc vs time sector#5
h124_chargeStep_s5
Entries 1755718
Mean 203.9
RMS 112.5

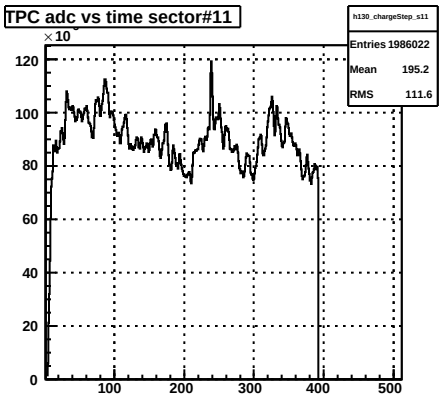

TPC adc vs time sector#6
h125_chargeStep_s6
Entries 1852809
Mean 203.9
RMS 112.6

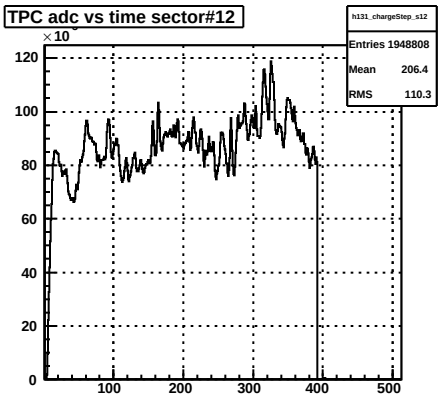

TPC adc vs time sector#7
h126_chargeStep_s7
Entries 1926123
Mean 200.3
RMS 110.6


TPC adc vs time sector#8
h127_chargeStep_s8
Entries 1915878
Mean 201.1
RMS 109.5


TPC adc vs time sector#9
h128_chargeStep_s9
Entries 1969152
Mean 201.2
RMS 109.9


TPC adc vs time sector#10
h129_chargeStep_s10
Entries 1992550
Mean 201.6
RMS 112.1


TPC adc vs time sector#11
h130_chargeStep_s11
Entries 1986022
Mean 195.2
RMS 111.6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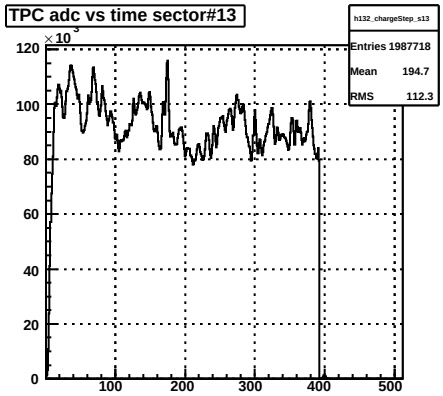
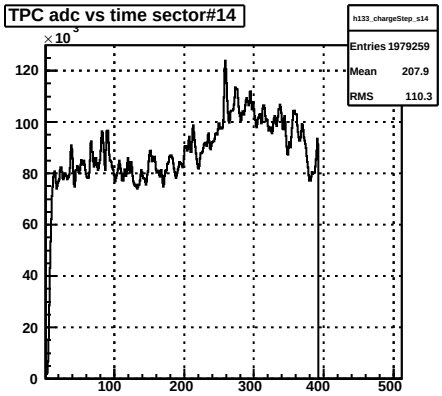
h131_chargeStep_s12
Entries 1948808
Mean 206.4
RMS 110.3


TPC adc vs time sector#13
h132_chargeStep_s13
Entries 1987718
Mean 194.7
RMS 112.3


TPC adc vs time sector#14
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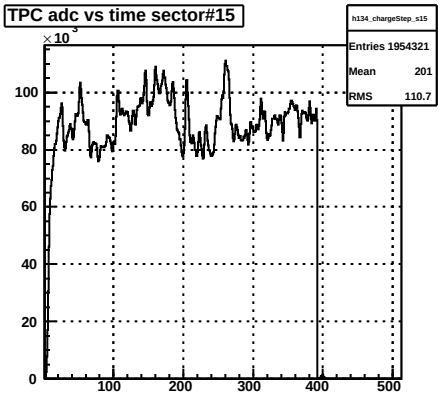
Entries 1979259
Mean 207.9
RMS 110.3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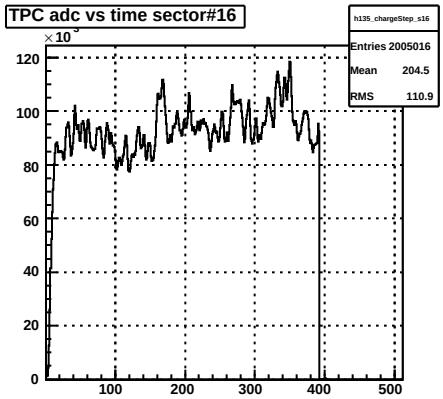
h134_chargeStep_s15
Entries 1954321
Mean 201
RMS 110.7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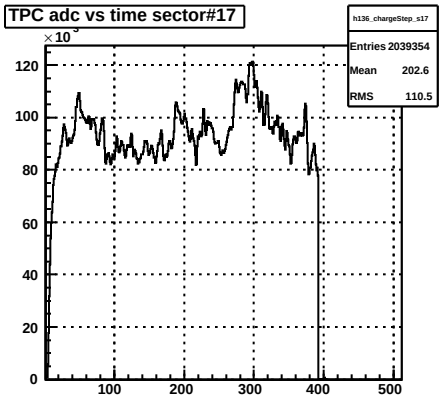
h135_chargeStep_s16
Entries 2005016
Mean 204.5
RMS 110.9


TPC adc vs time sector#17
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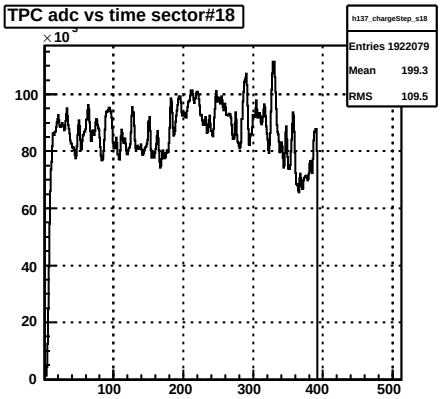
Entries 2039354
Mean 202.6
RMS 110.5


TPC adc vs time sector#18
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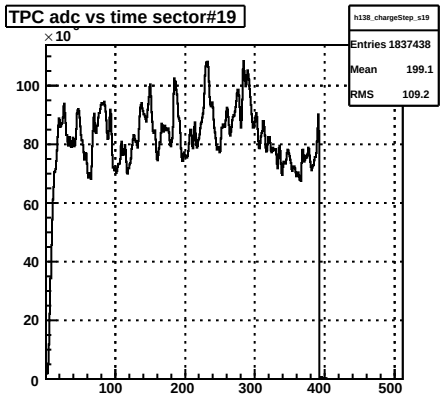
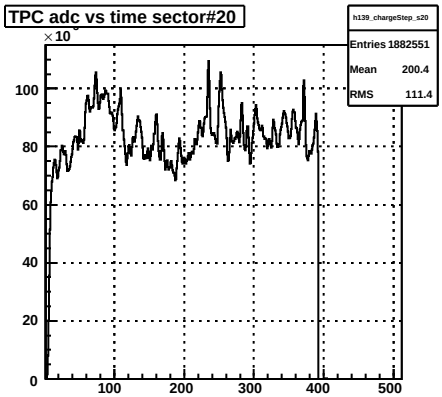
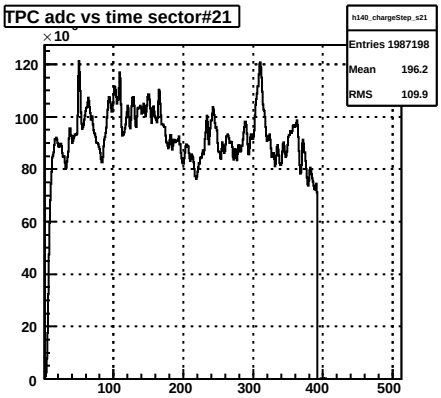
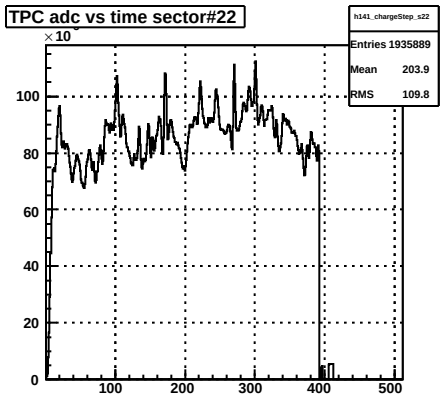
Entries 1922079
Mean 199.3
RMS 109.5


TPC adc vs time sector#19
h138_chargeStep_s19
Entries 1837438
Mean 199.1
RMS 109.2


TPC adc vs time sector#20
h139_chargeStep_s20
Entries 1882551
Mean 200.4
RMS 111.4


TPC adc vs time sector#21
h140_chargeStep_s21
Entries 1987198
Mean 196.2
RMS 109.9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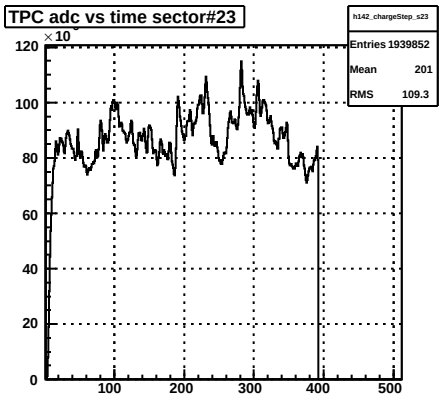
Entries 1935889
Mean 203.9
RMS 109.8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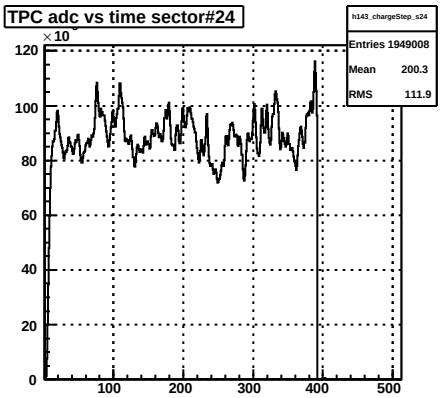
Entries 1939852
Mean 201
RMS 109.3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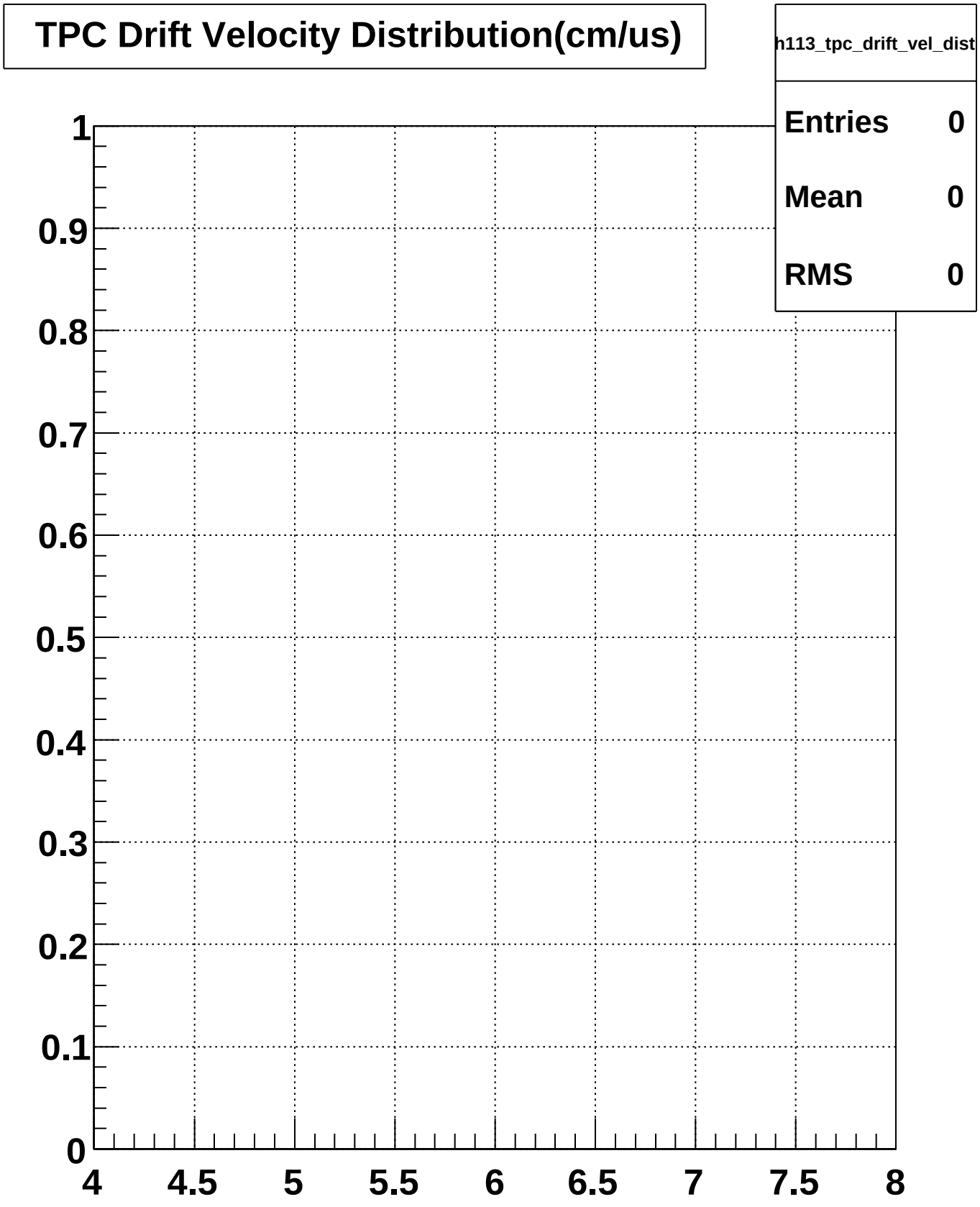
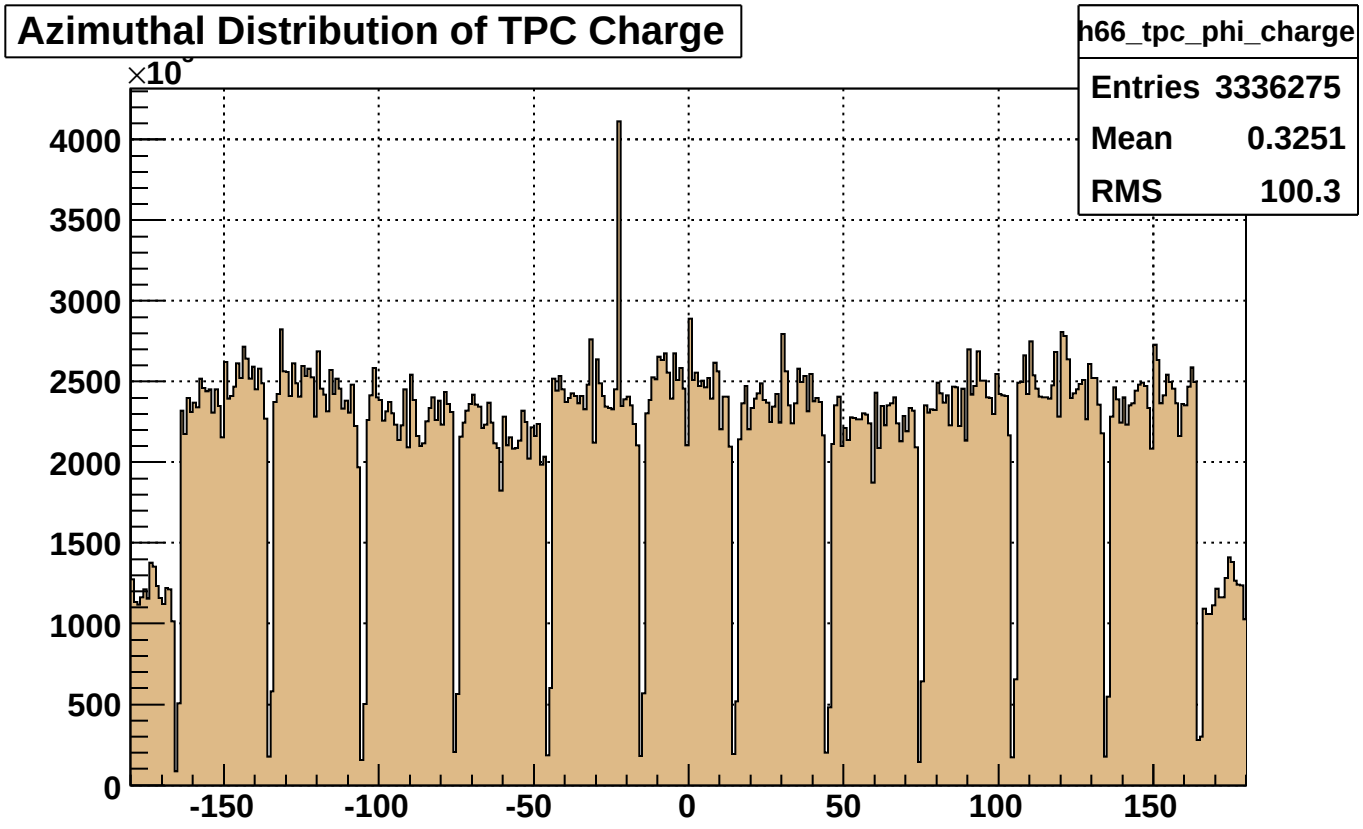
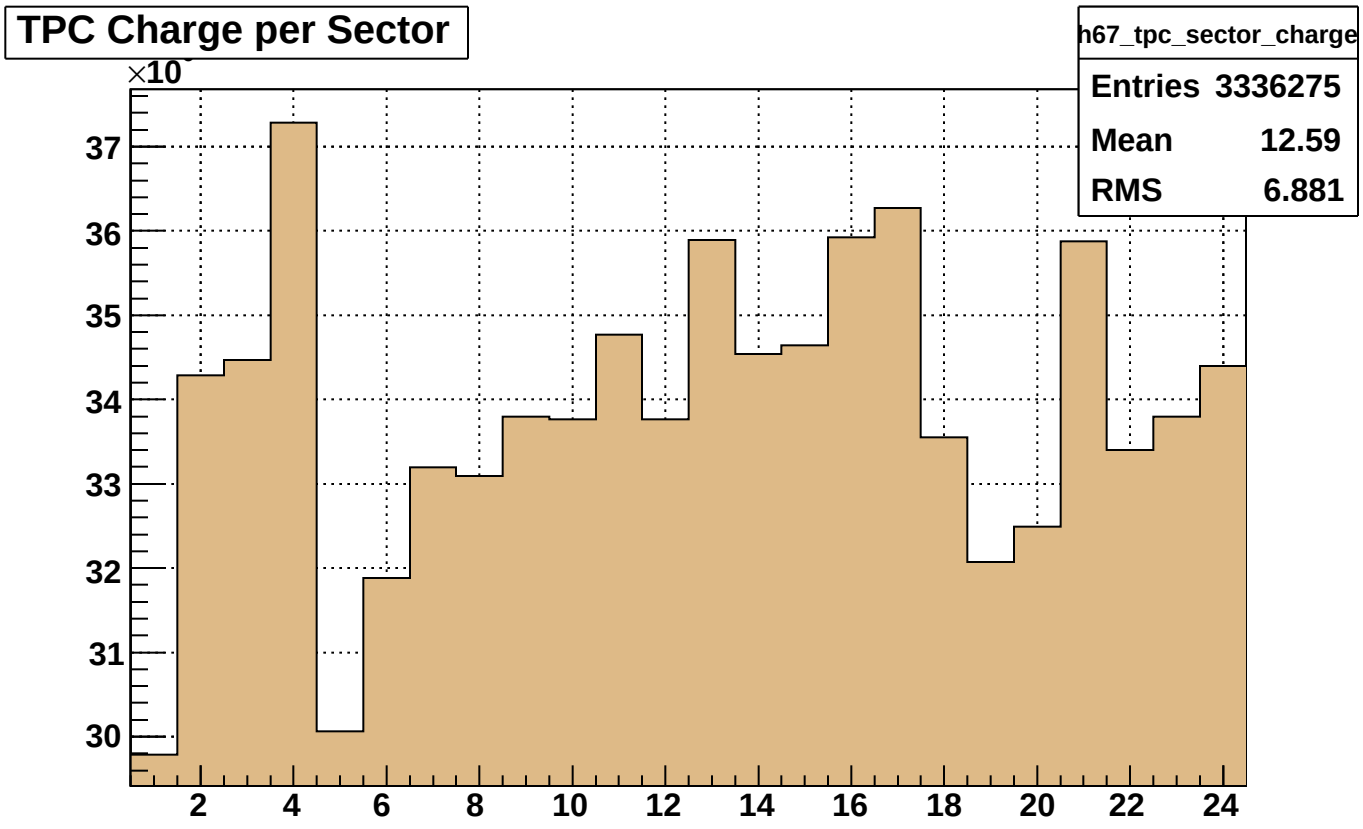
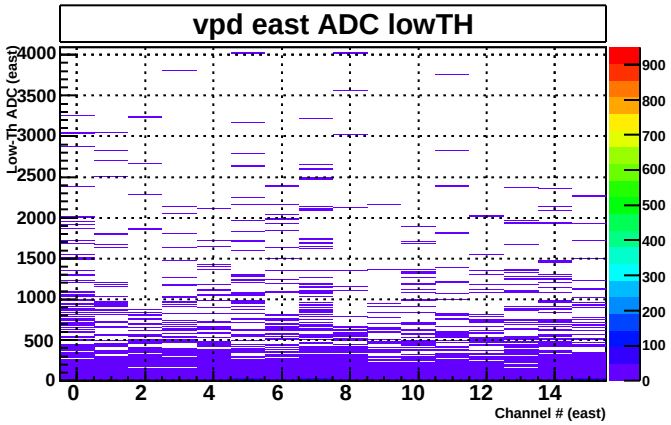
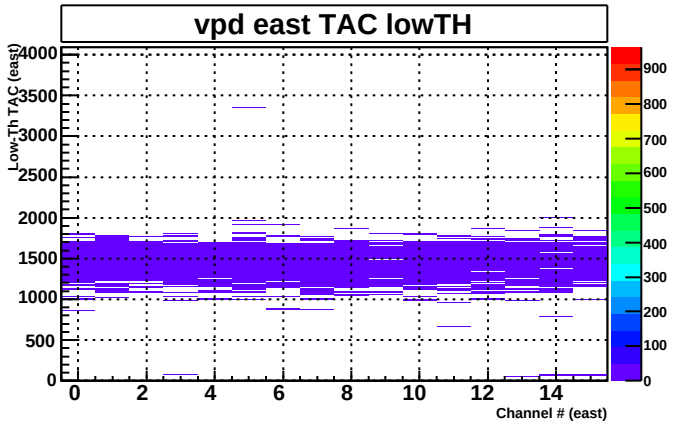
h143_chargeStep_s24
Entries 1949008
Mean 200.3
RMS 111.9

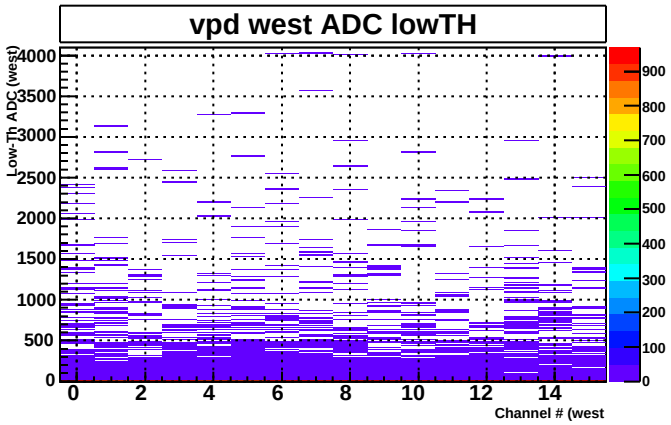

TPC Drift Velocity Distribution(cm/us)
h113_tpc_drift_vel_dist
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
4
4.5
5
5.5
6
6.5
7
7.5
8

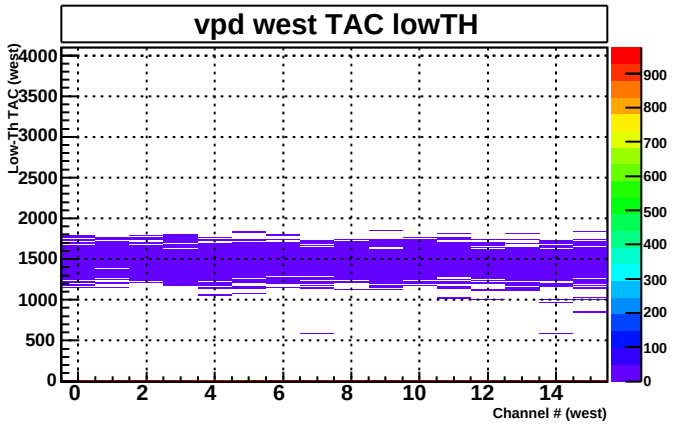

Azimuthal Distribution of TPC Charge
h66_tpc_phi_charge
Entries 3336275
Mean 0.3251
RMS 100.3
×10
4000
3500
3000
2500
2000
1500
1000
500
0
-150
-100
-50
0
50
100
150

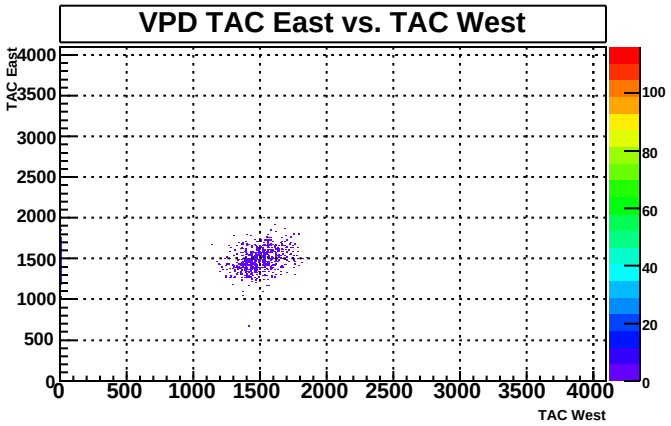

TPC Charge per Sector
h67_tpc_sector_charge
Entries 3336275
Mean 12.59
RMS 6.881
×10
37
36
35
34
33
32
31
30
2
4
6
8
10
12
14
16
18
20
22
24

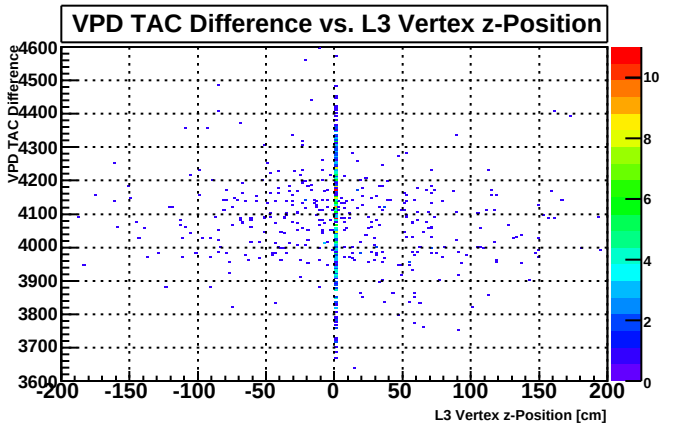

vpd east ADC lowTH
Low-Th ADC (east)
Channel # (east)

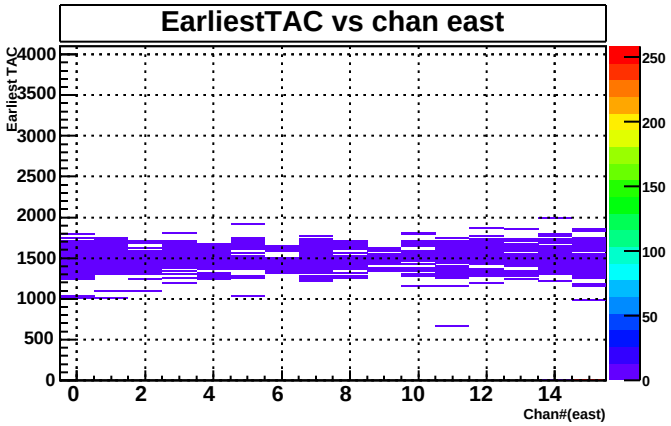

vpd east TAC lowTH
Low-Th TAC (east)
Channel # (east)

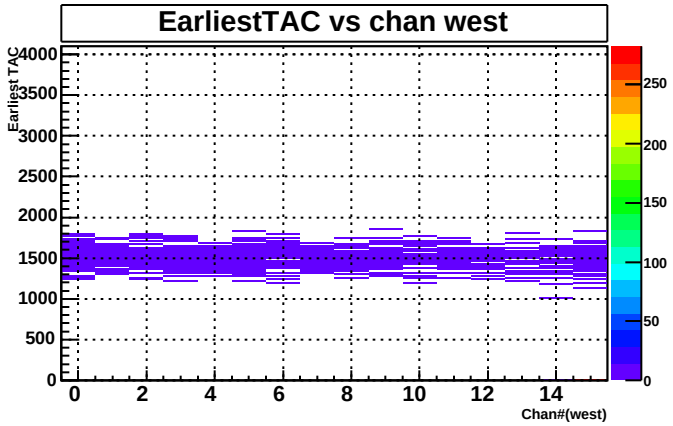

vpd west ADC lowTH
Low-Th ADC (west)
Channel # (west

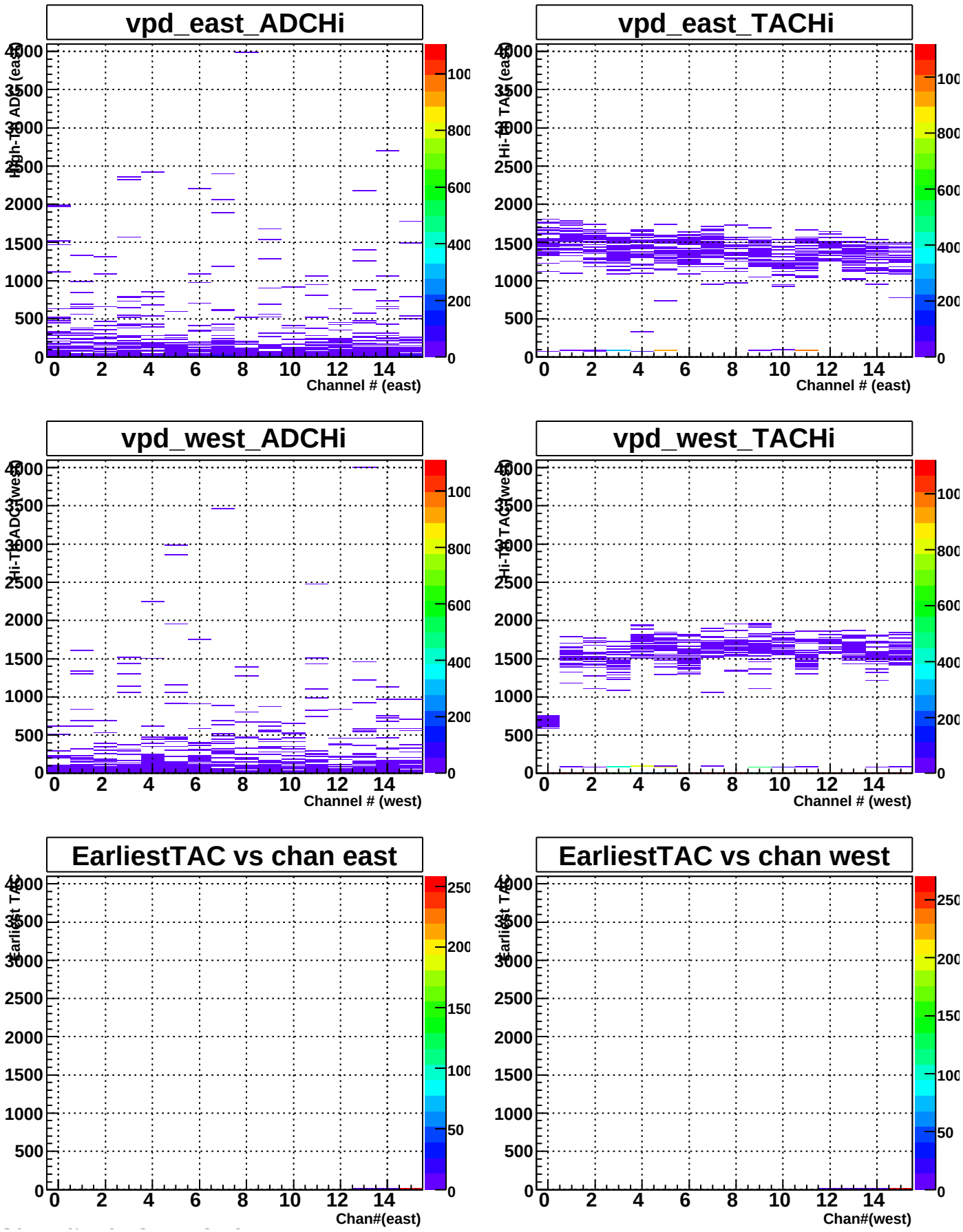

vpd west TAC lowTH
Low-Th TAC (west)
Channel # (west)

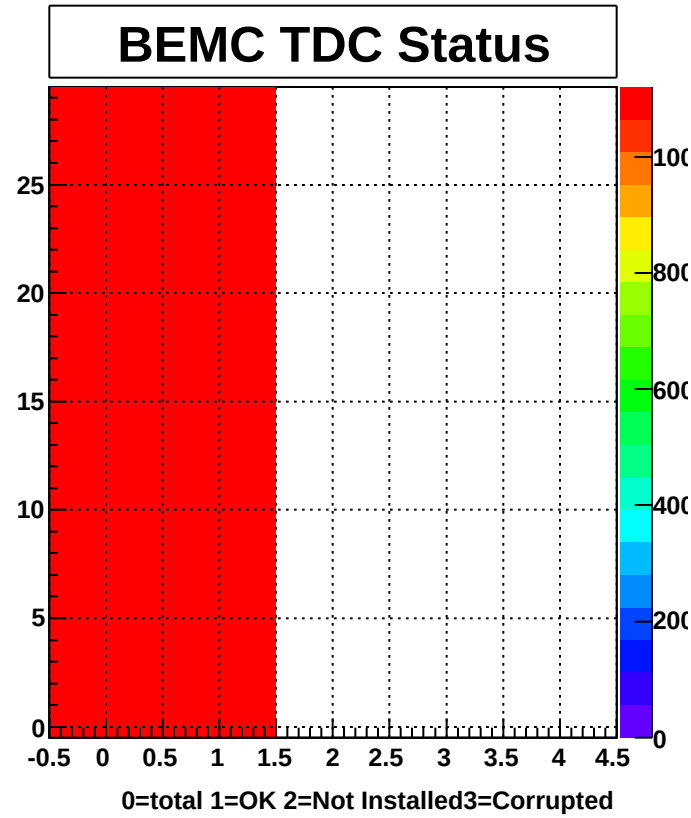

VPD TAC East vs. TAC West
TAC East
TAC West

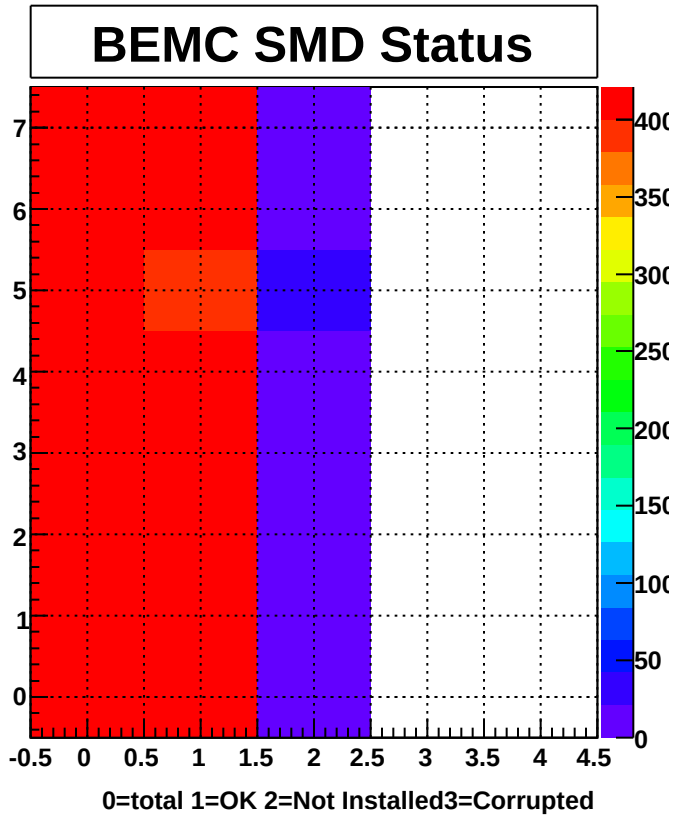

VPD TAC Difference vs. L3 Vertex z-Position
VPD TAC Difference
L3 Vertex z-Position [cm]

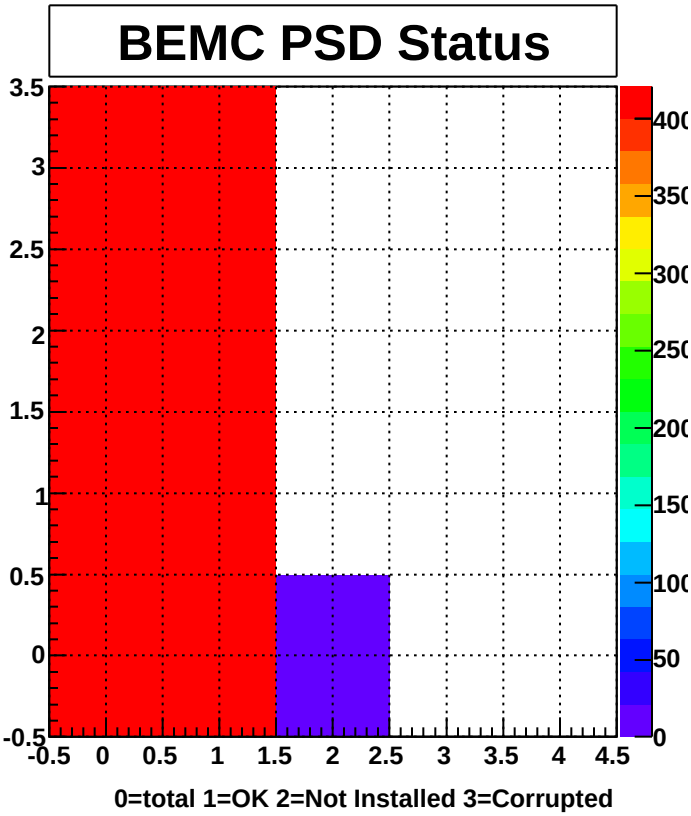

EarliestTAC vs chan east
Earliest TAC
Chan#(east)

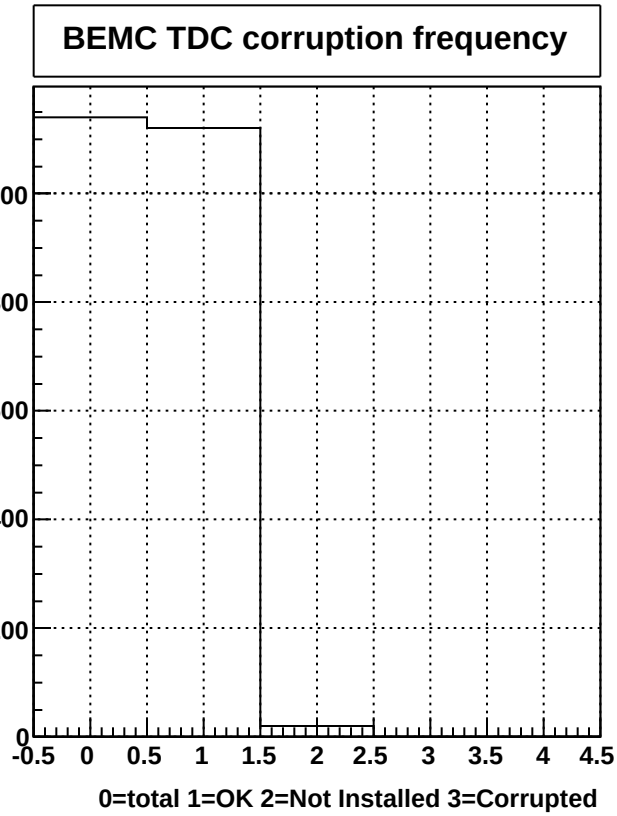

EarliestTAC vs chan west
Earliest TAC
Chan#(west)


vpd_east_ADCHi
High-Hi ADC (east)
Channel # (east)
vpd_east_TACHi
Hi-Hi TAC (east)
Channel # (east)
vpd_west_ADCHi
Hi-Hi ADC (west)
Channel # (west)
vpd_west_TACHi
Hi-Hi TAC (west)
Channel # (west)
EarliestTAC vs chan east
Earliest TAC
Chan#(east)
EarliestTAC vs chan west
Earliest TAC
Chan#(west)









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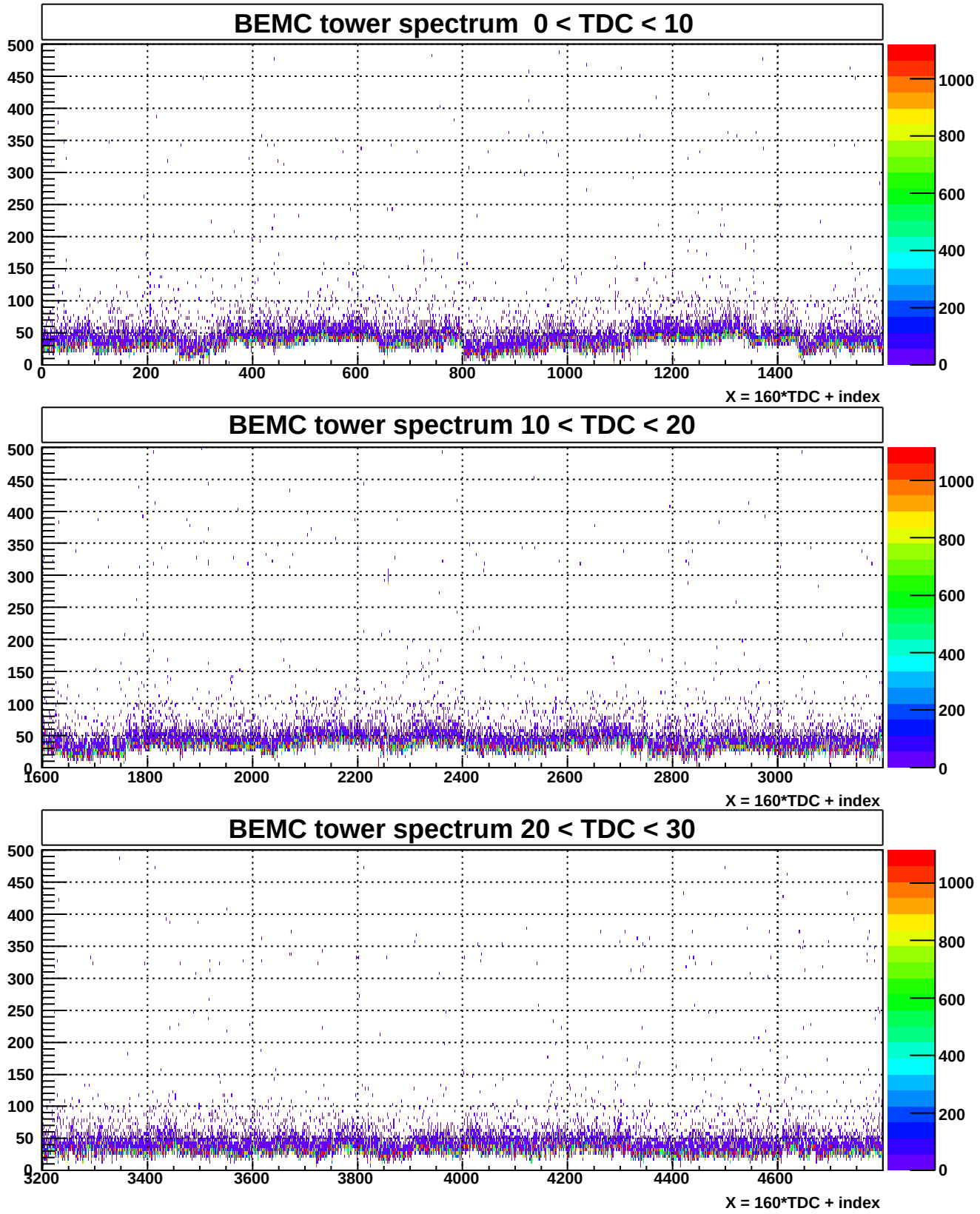
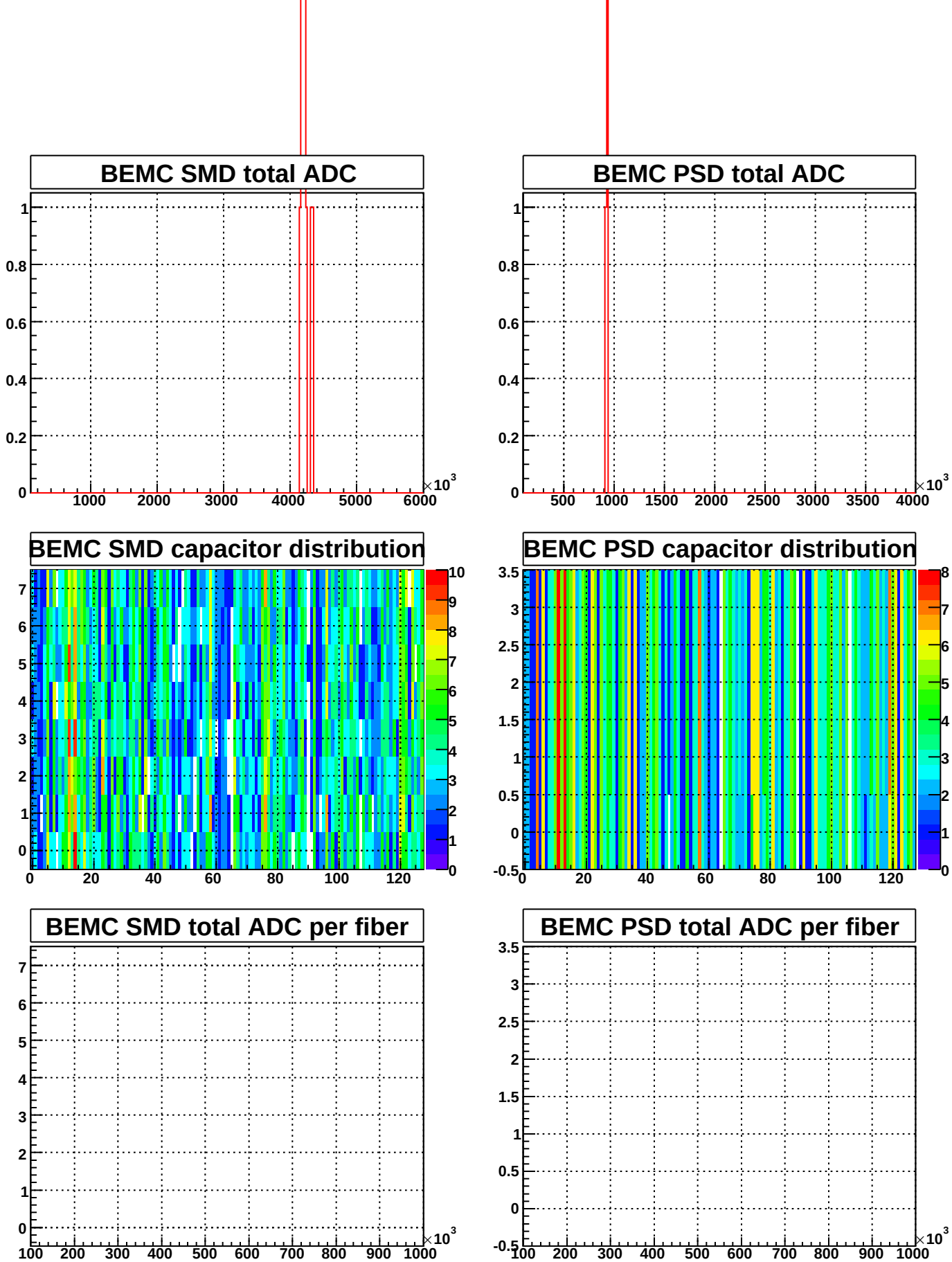


Sun Mar 20 18:17:15 2011



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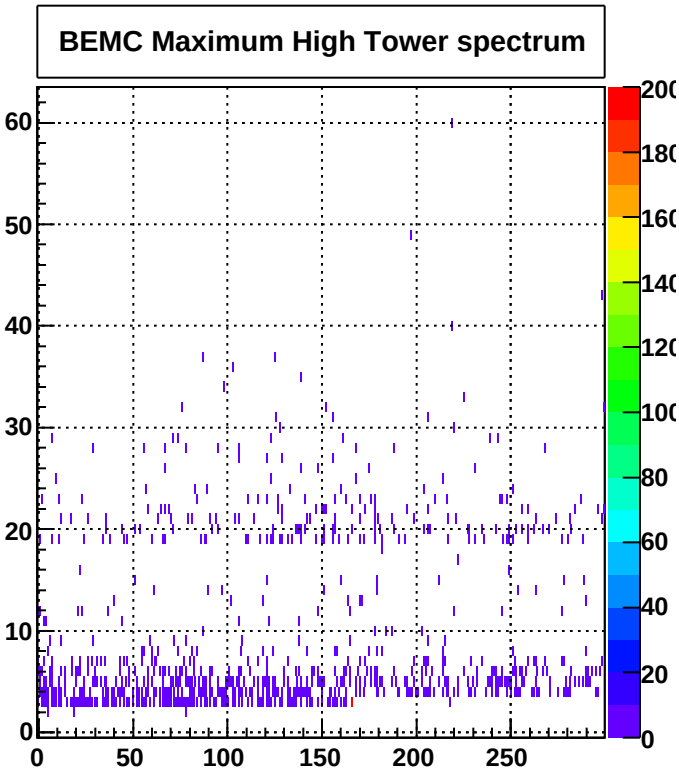

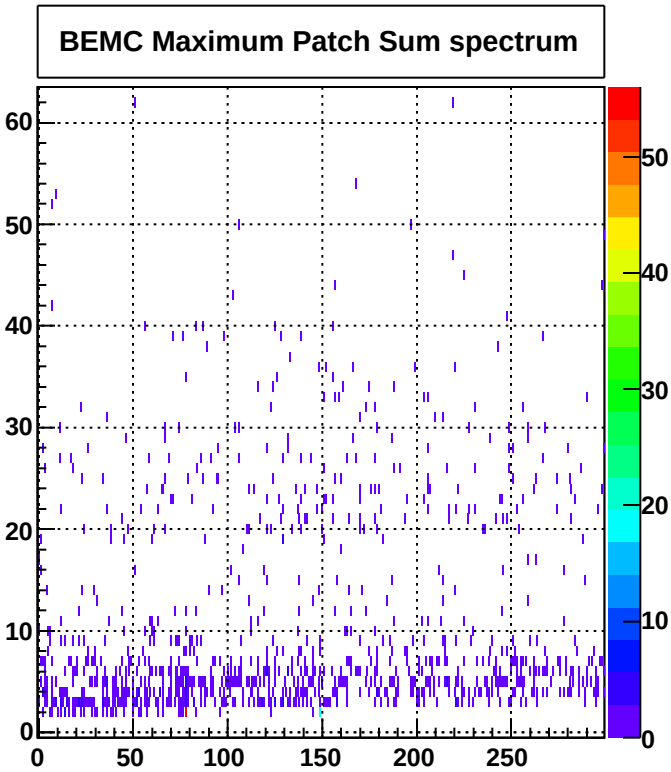

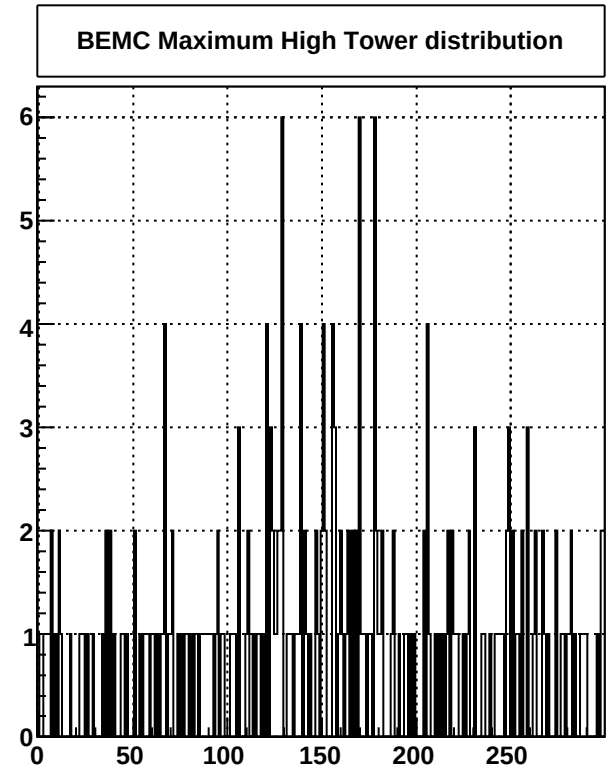

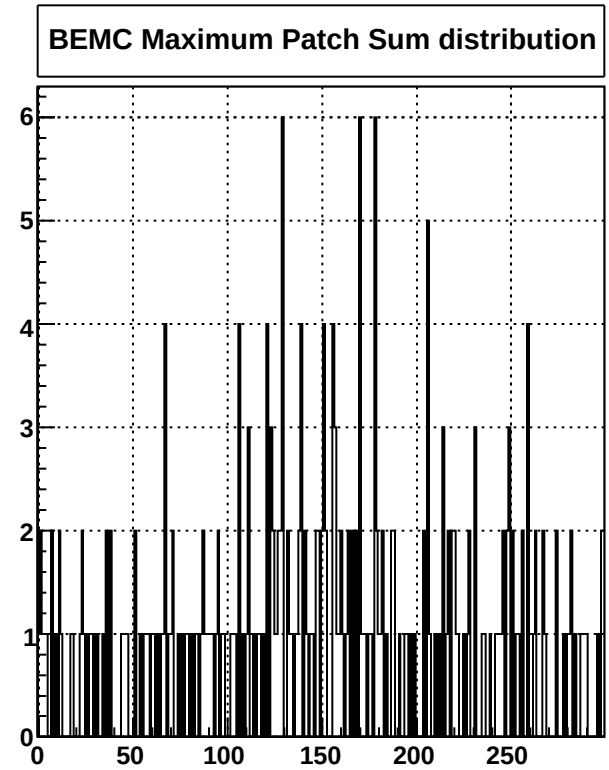

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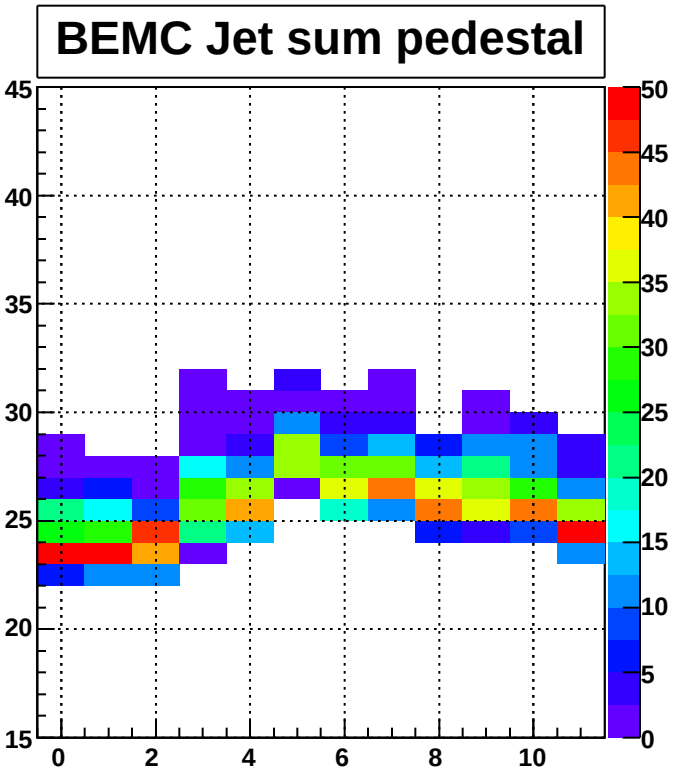

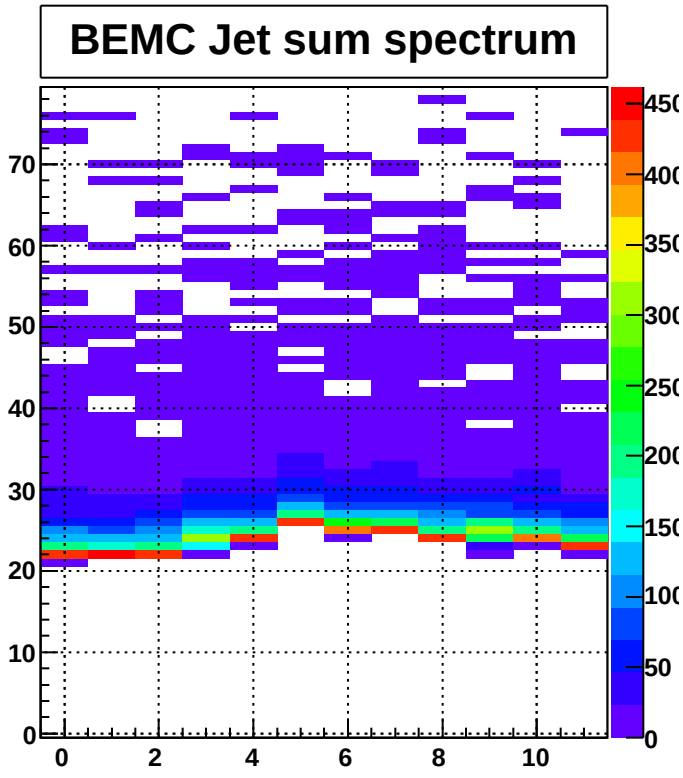

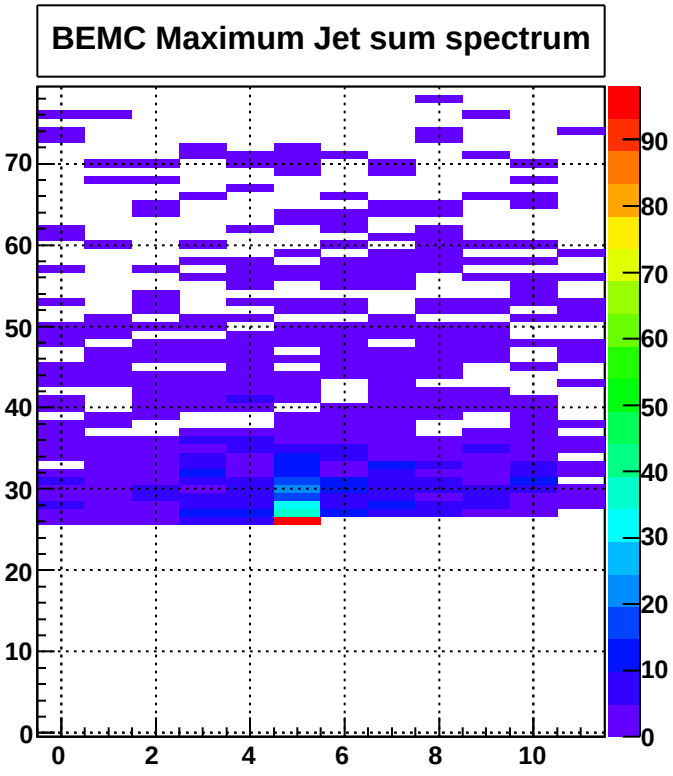

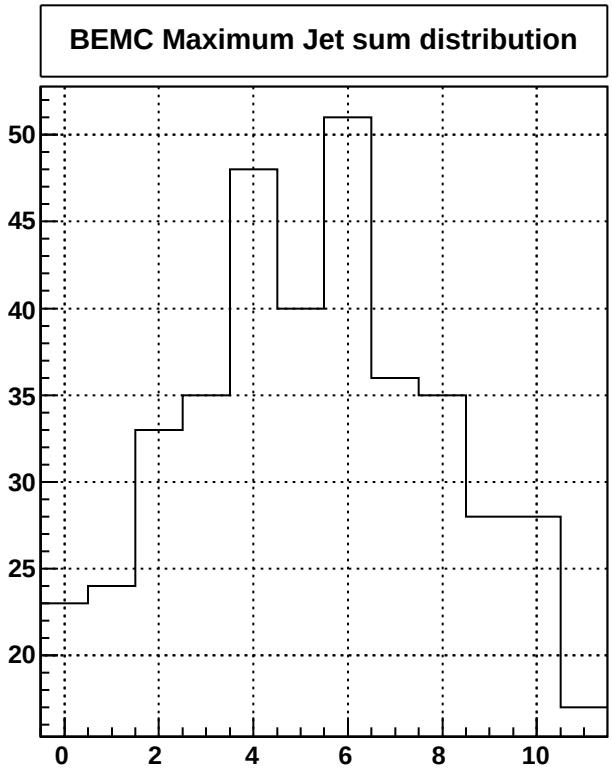

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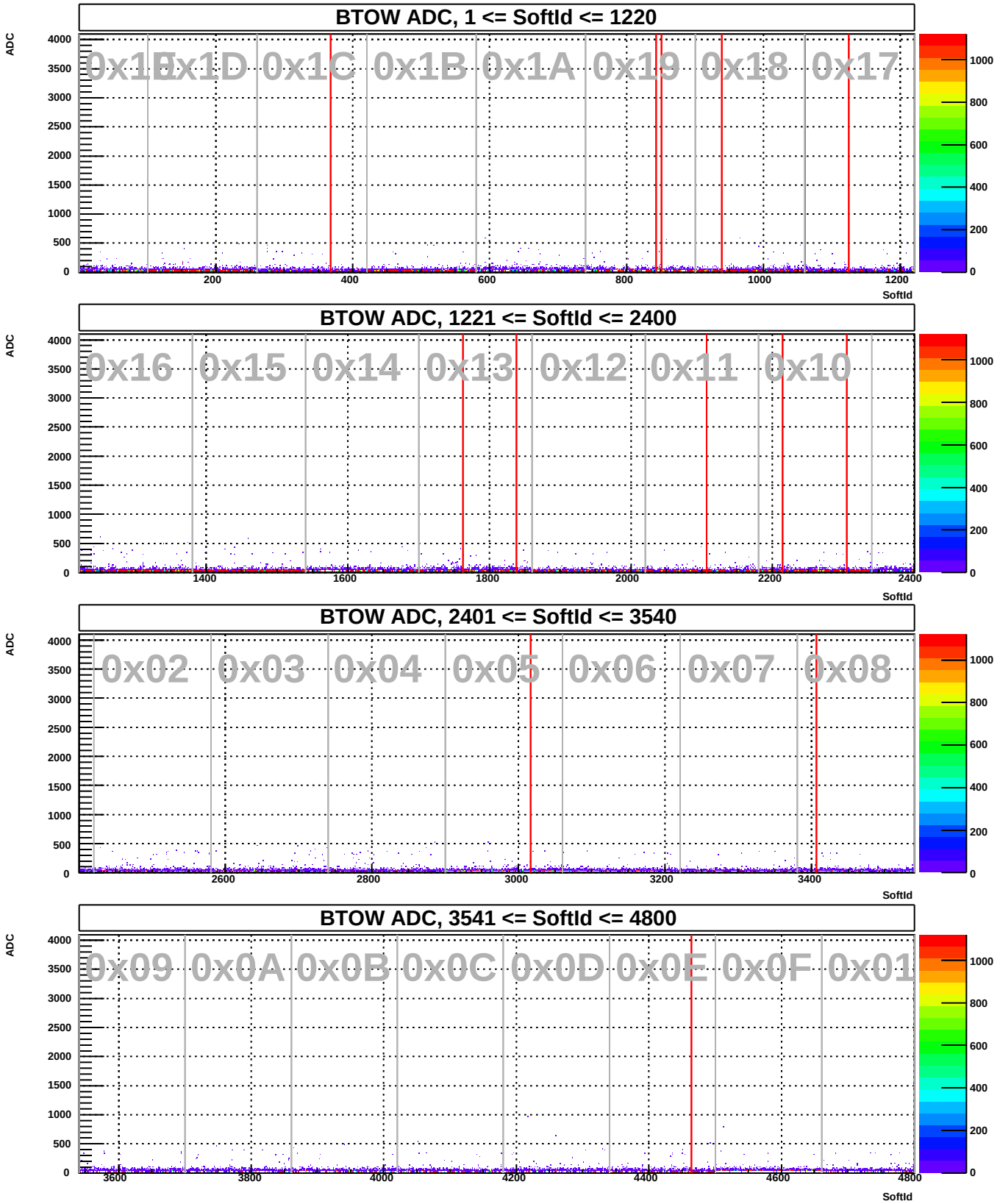

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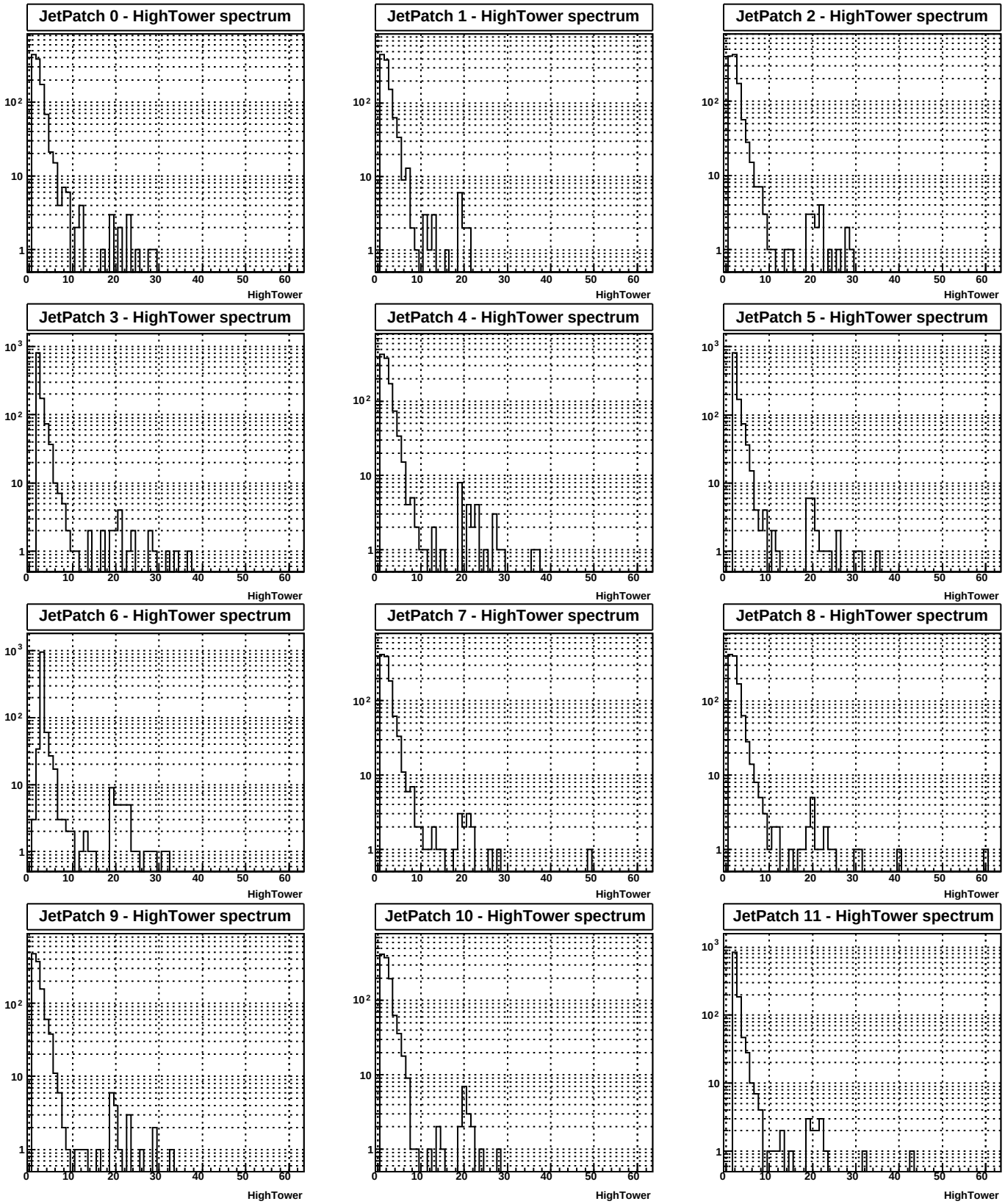

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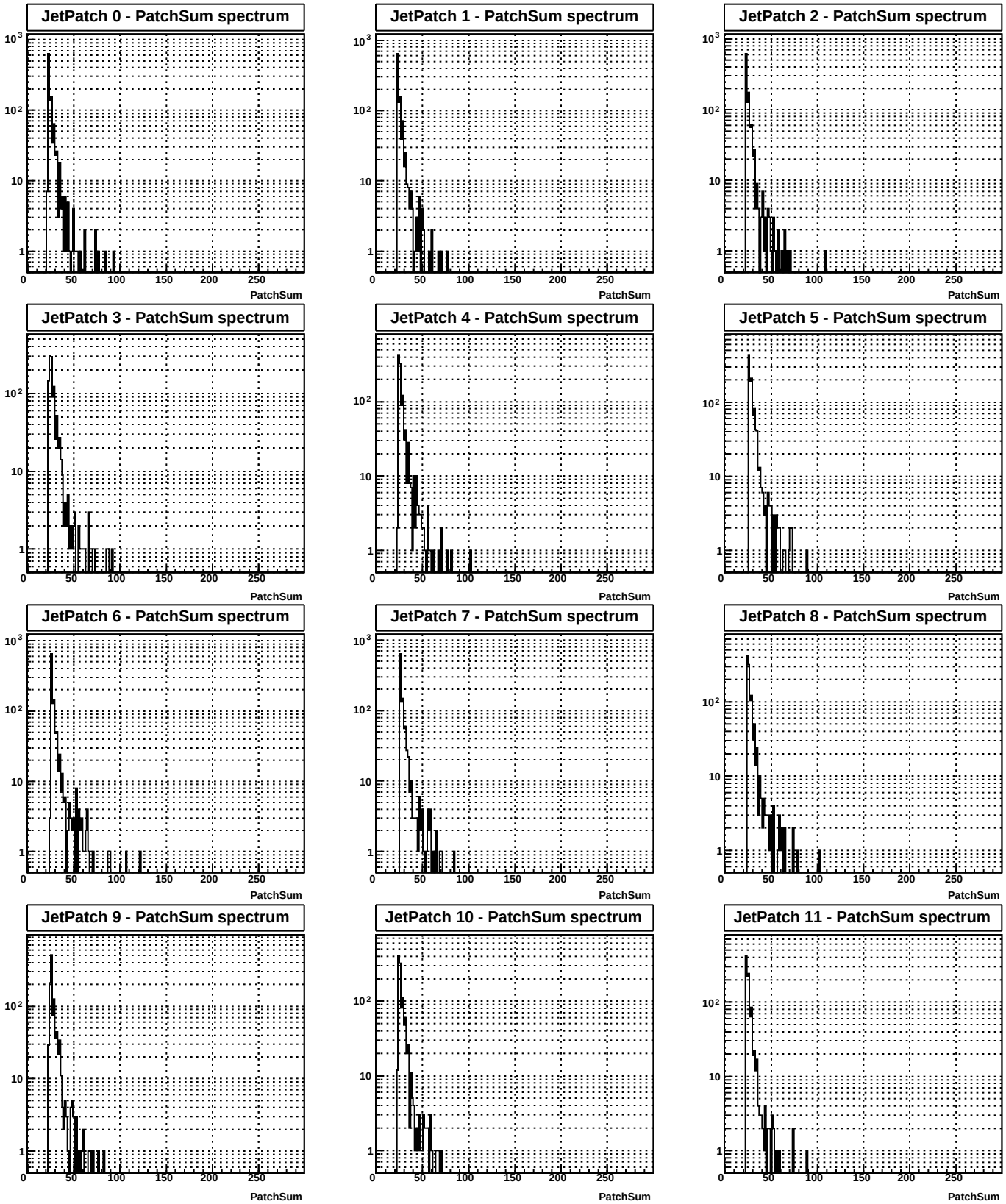

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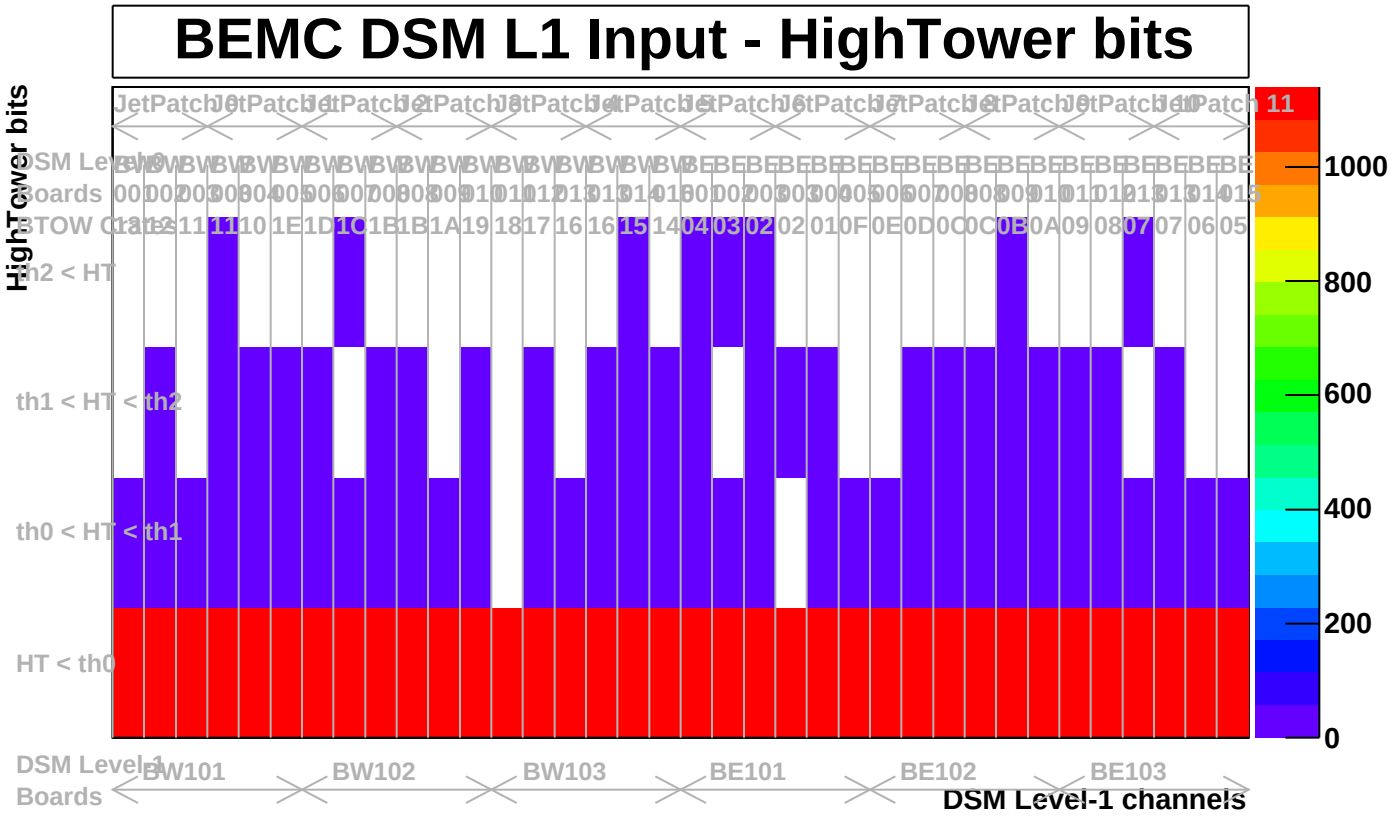

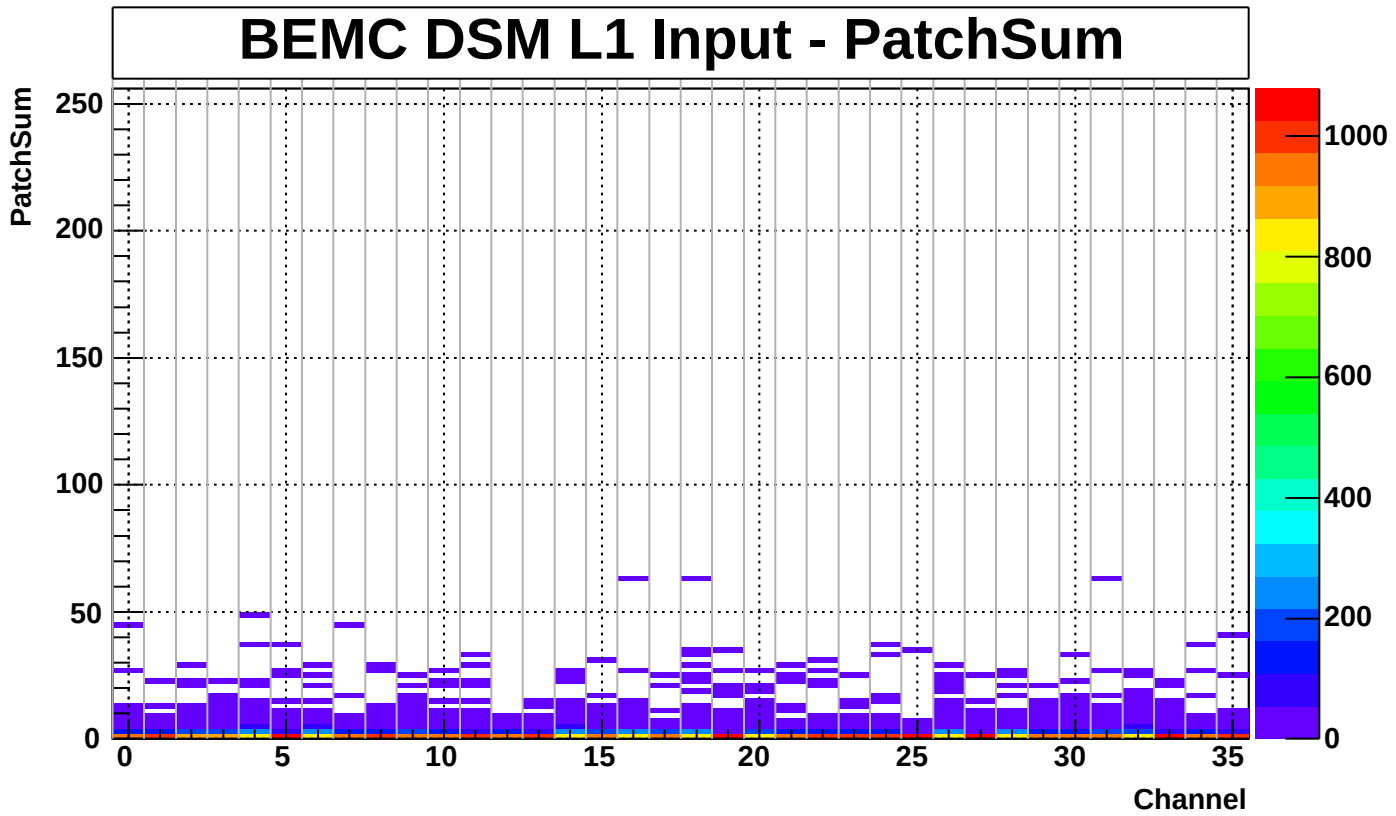

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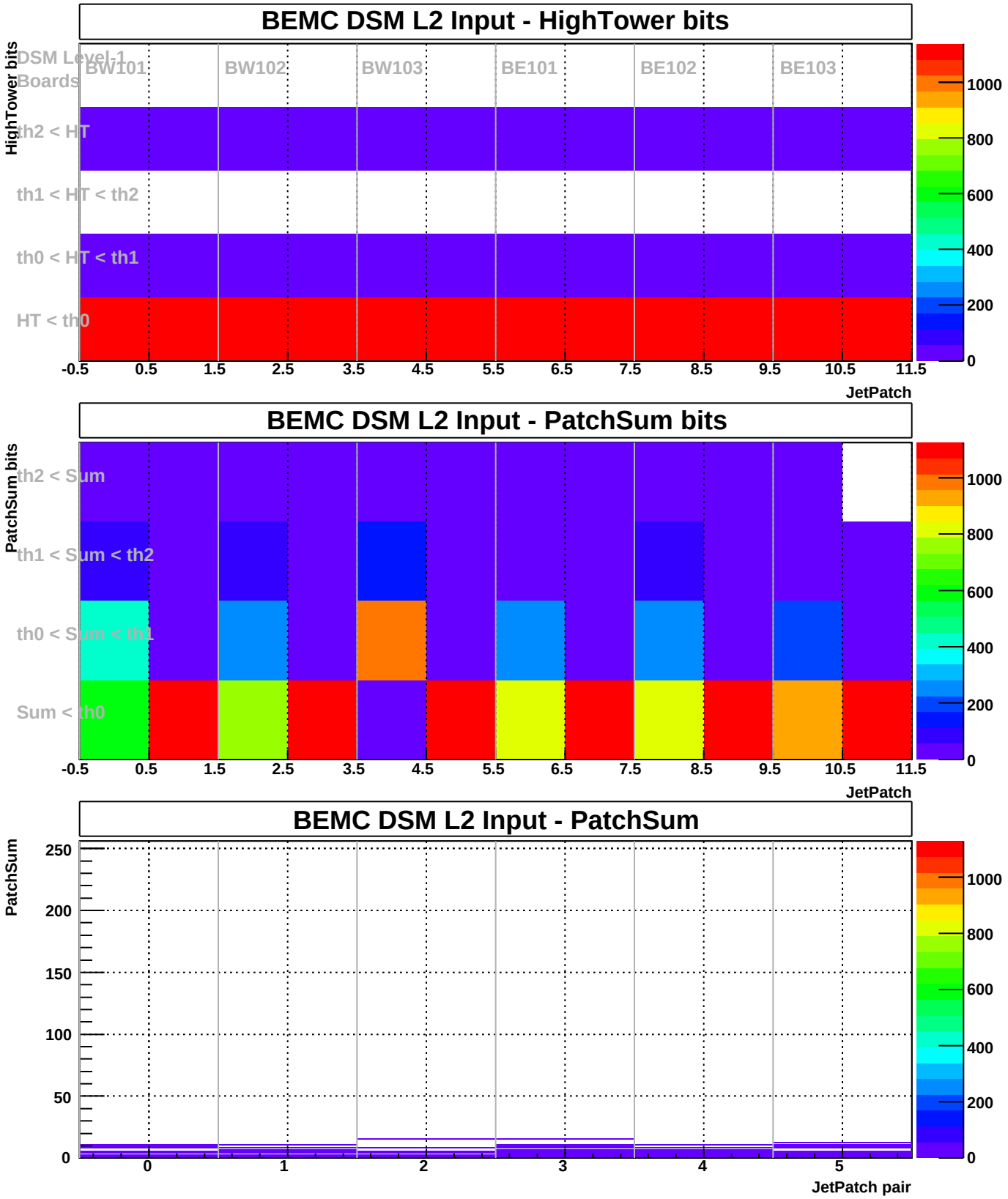

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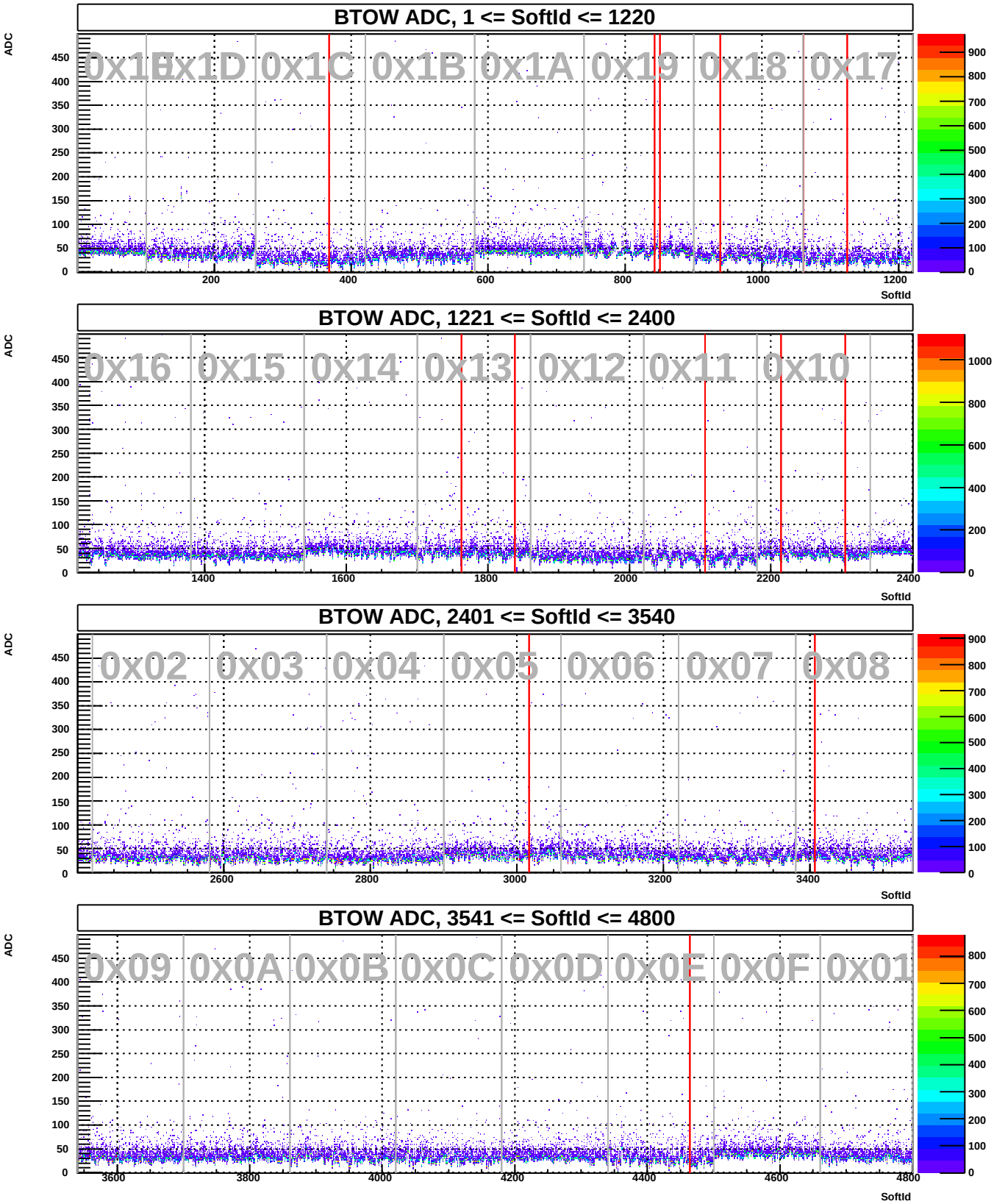

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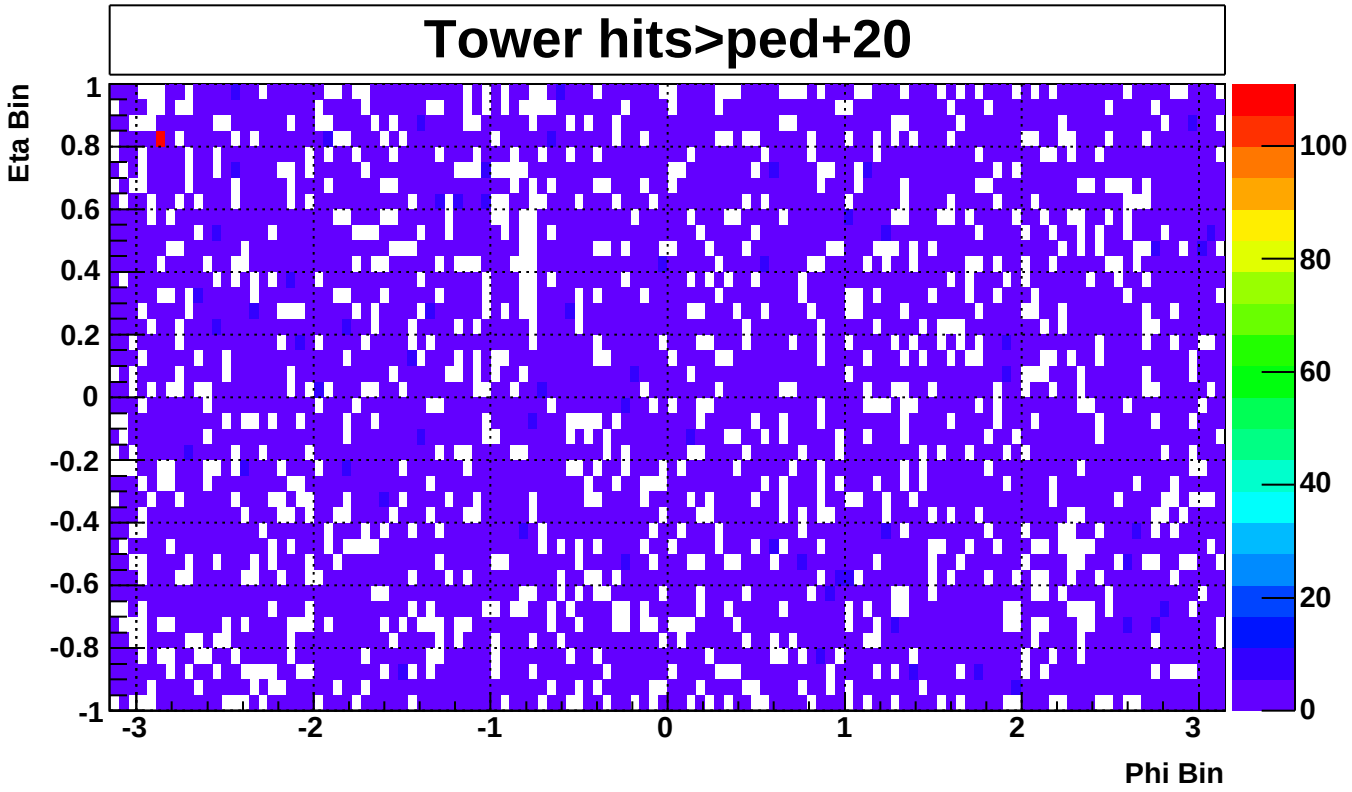
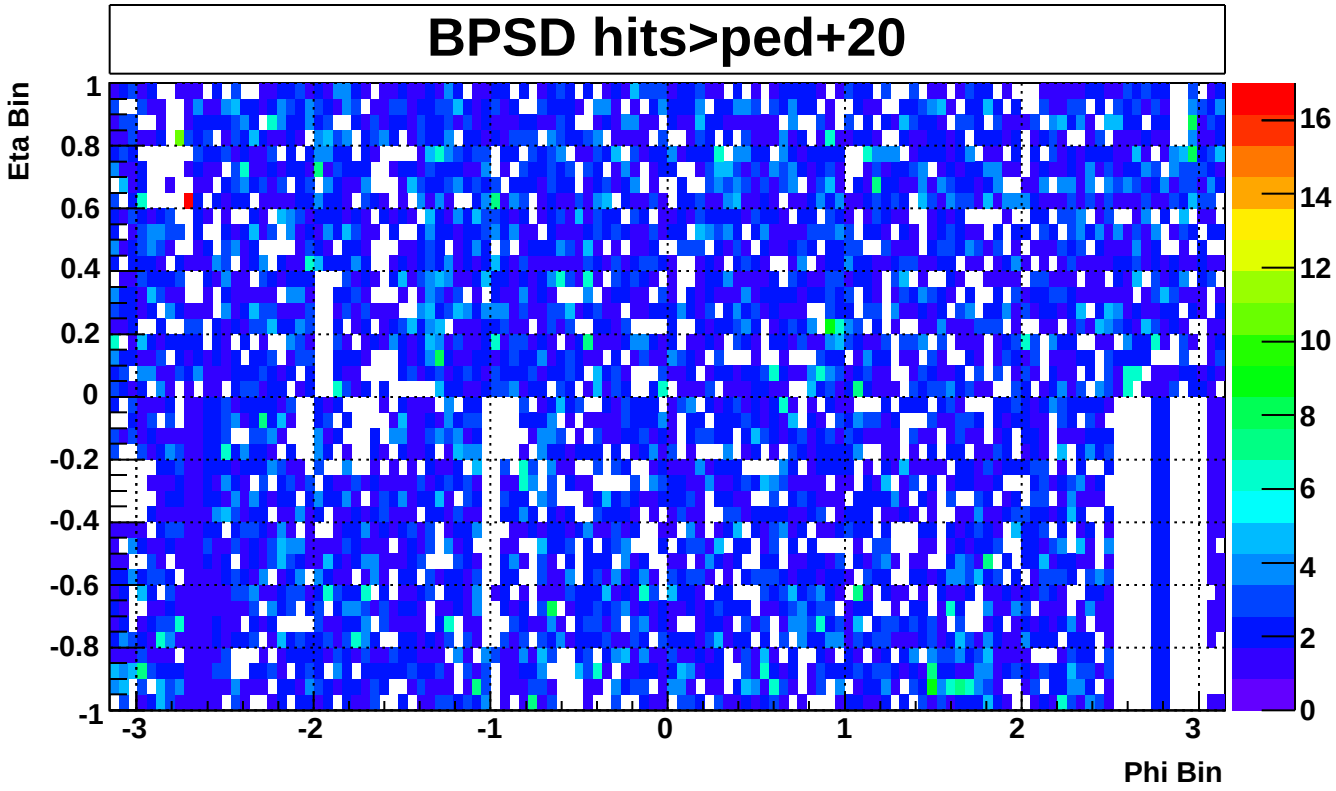
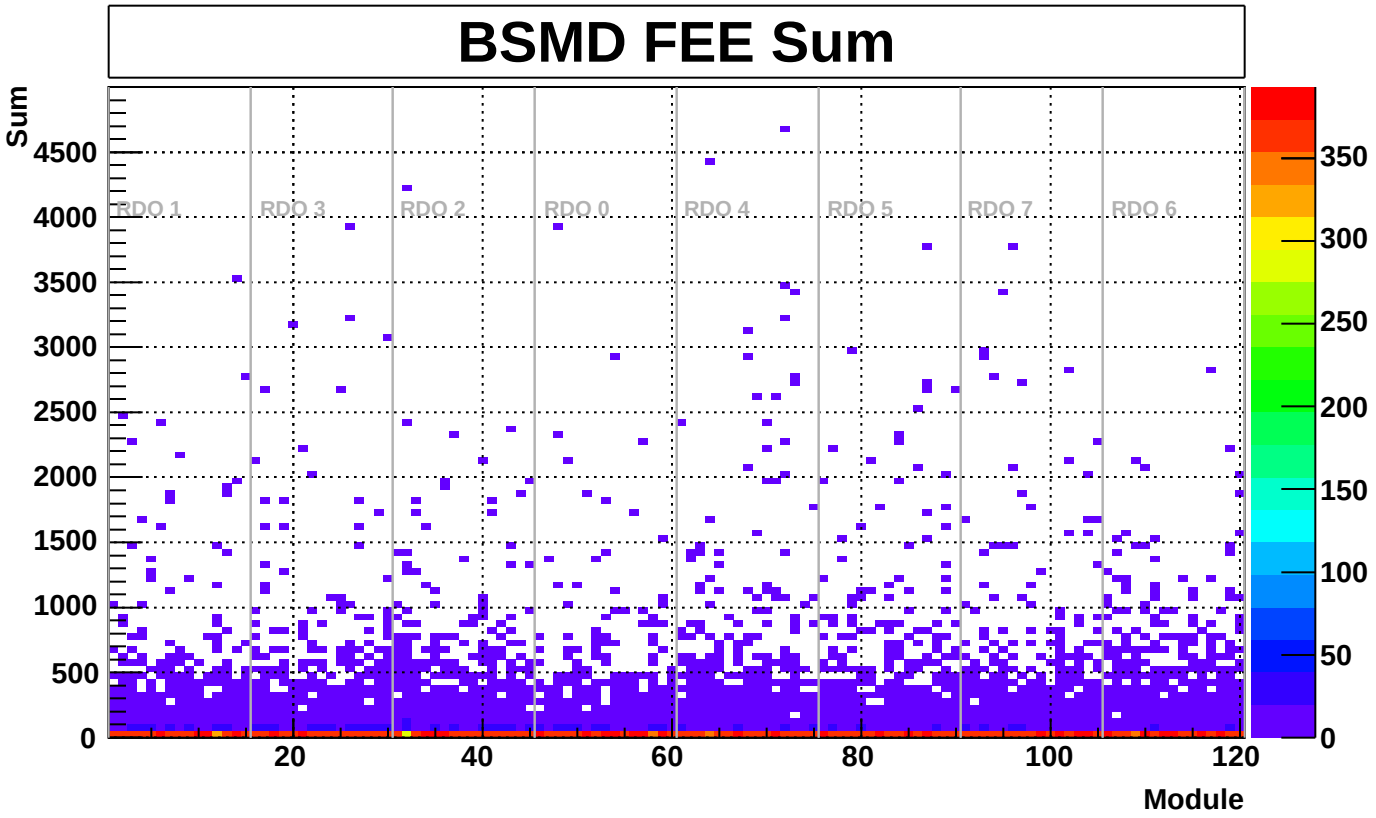
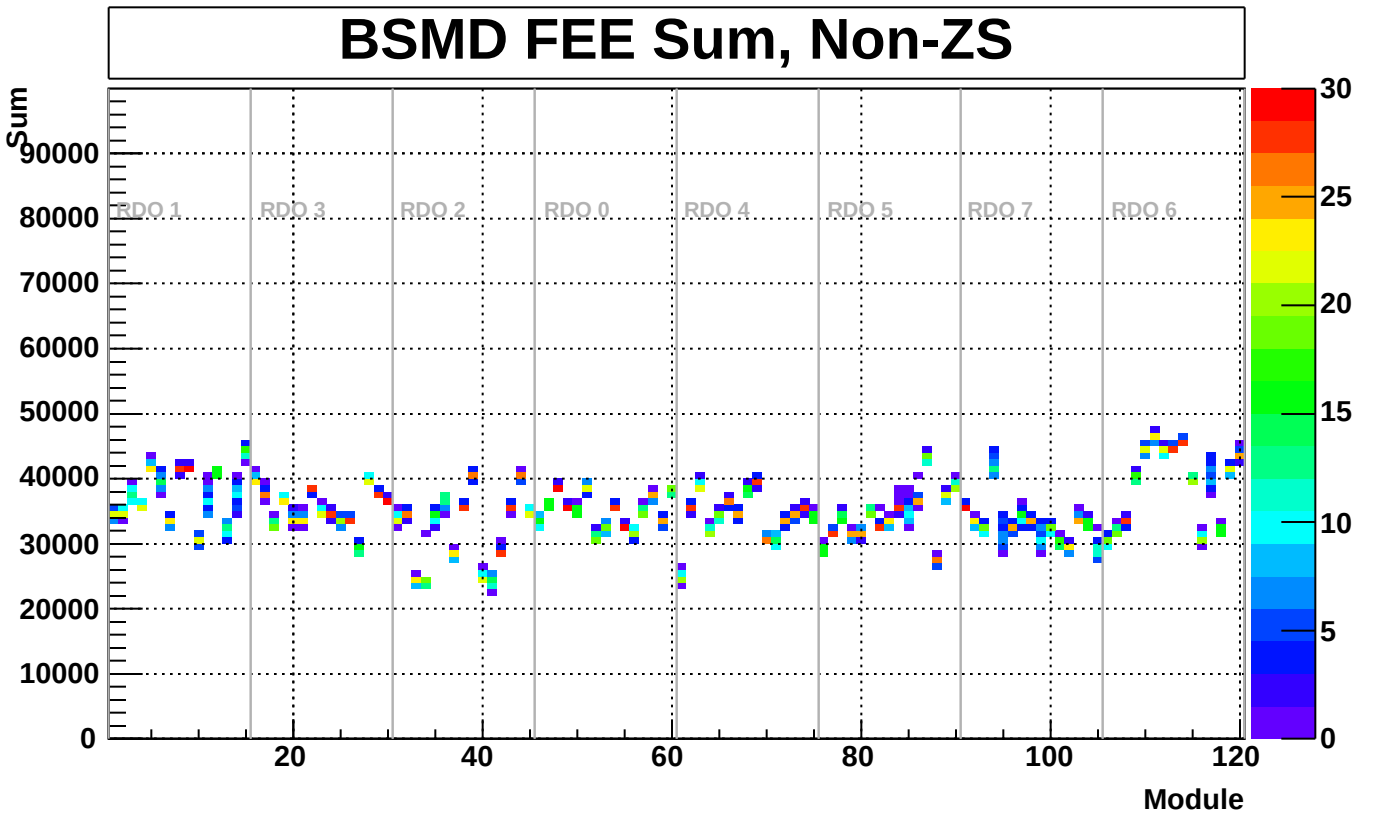




Sun Mar 20 18:17:19 2011





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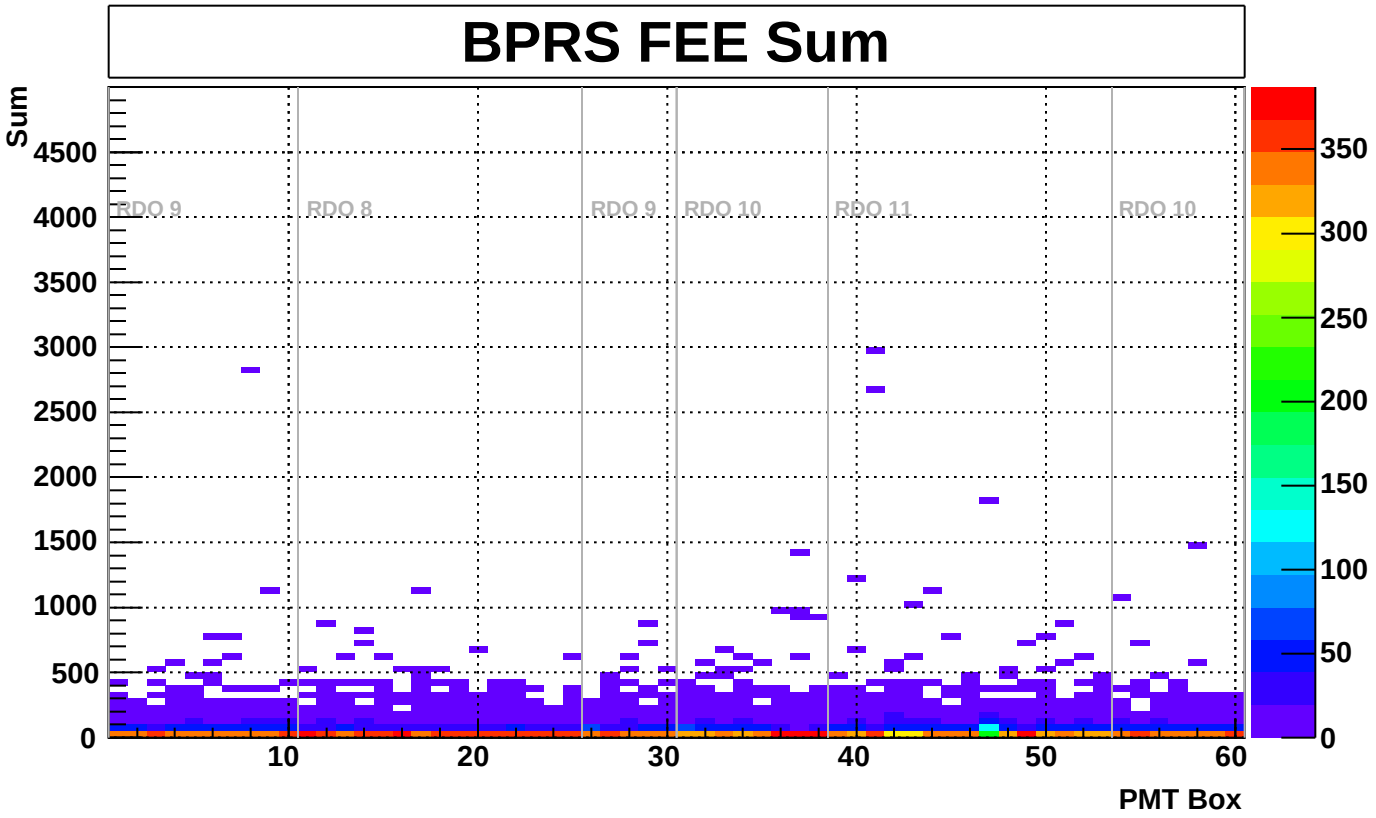

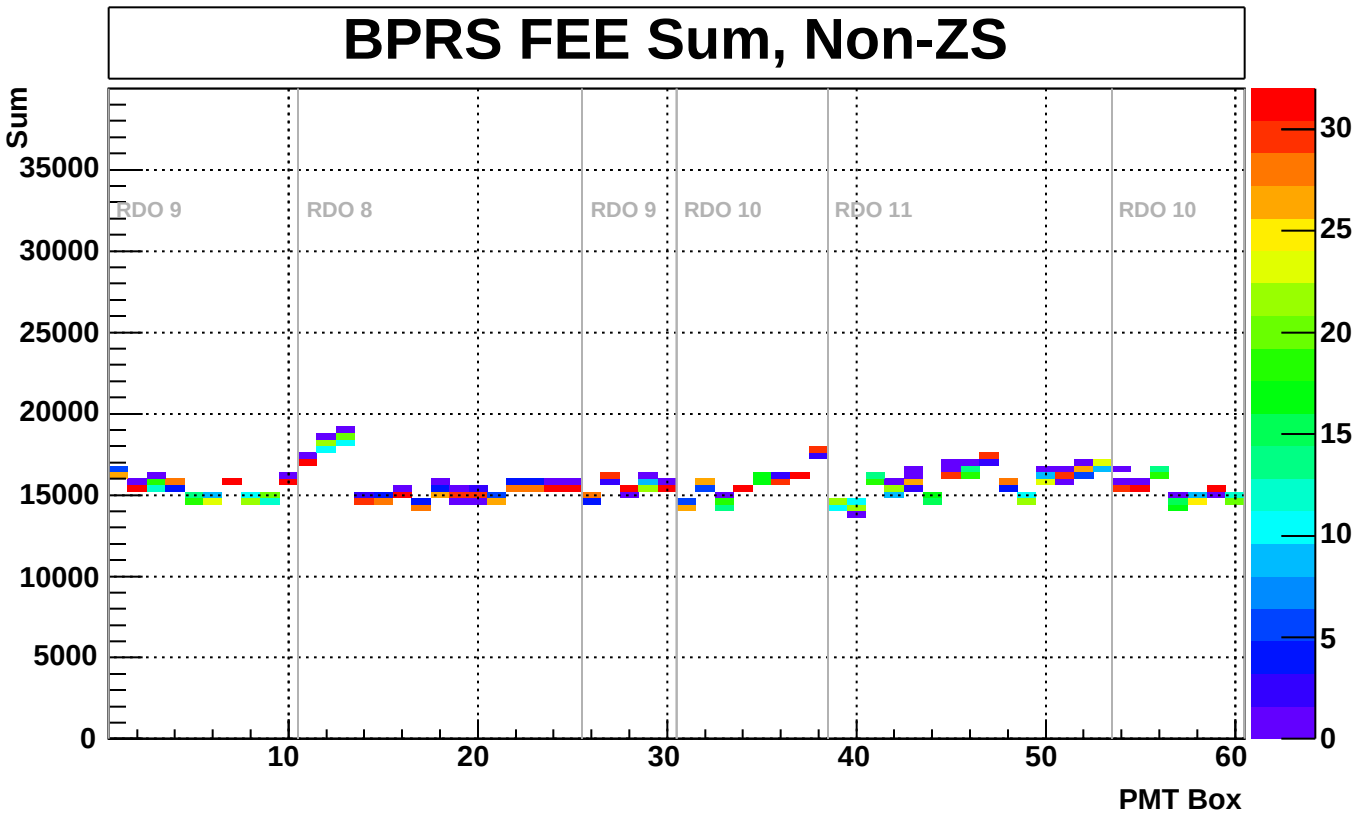

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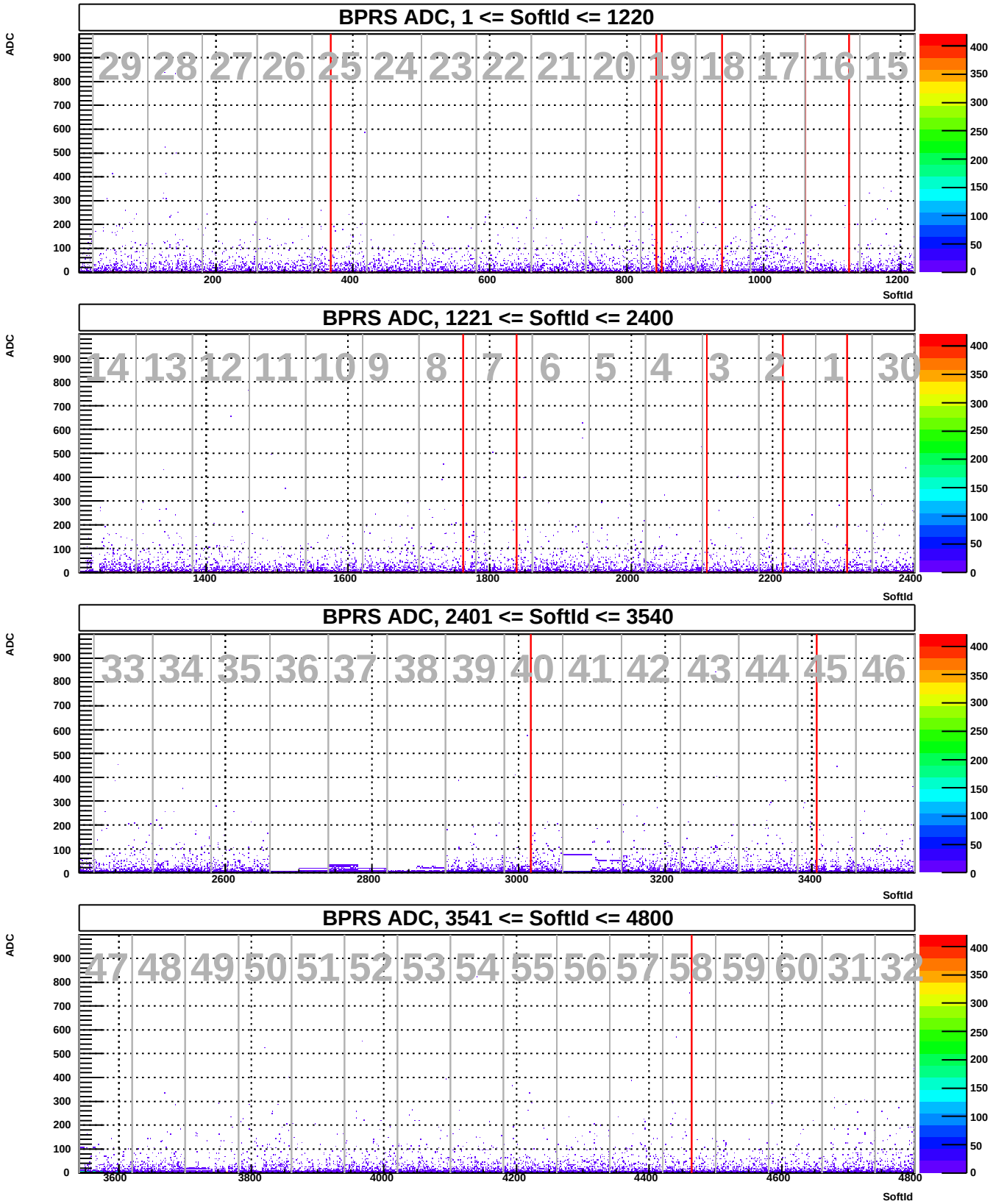

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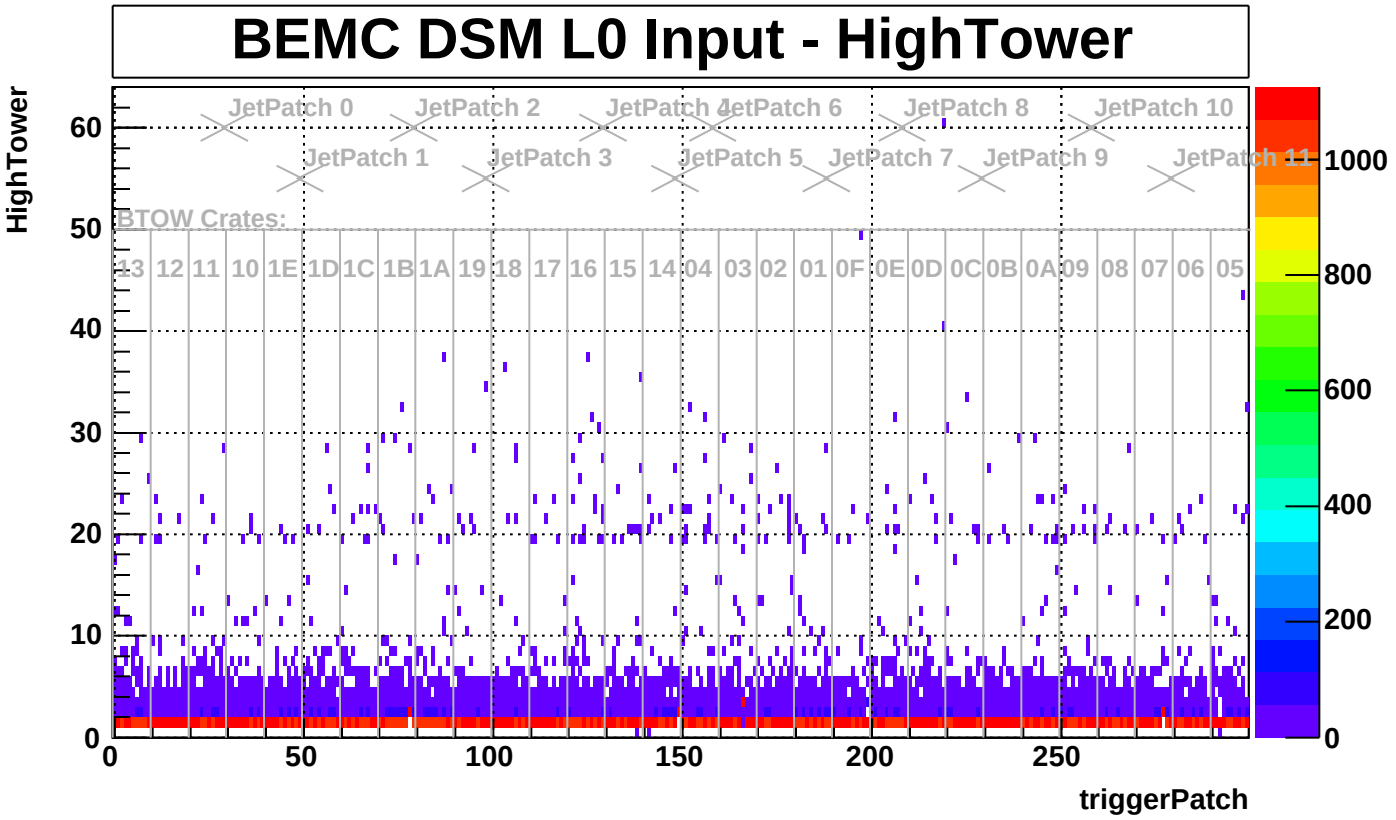

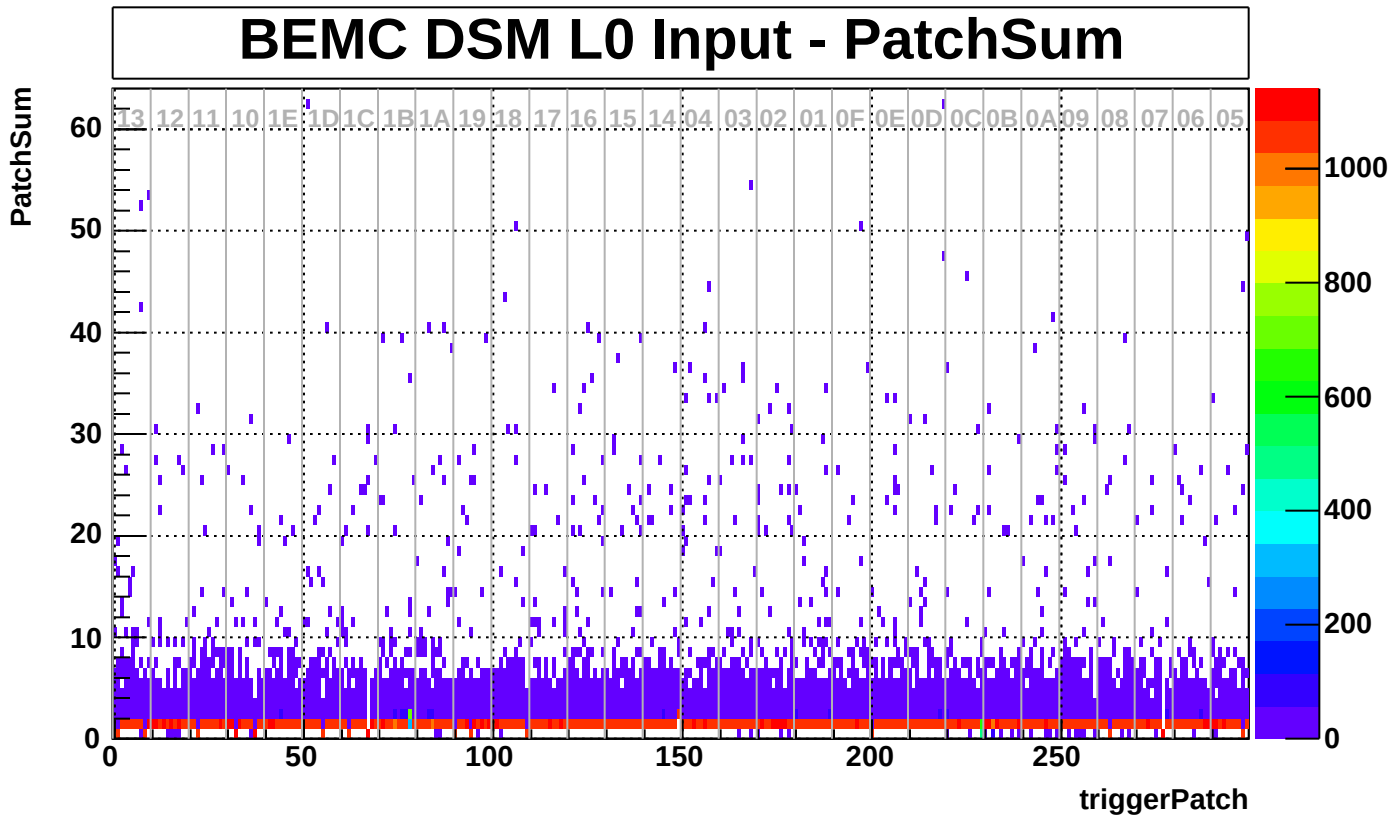

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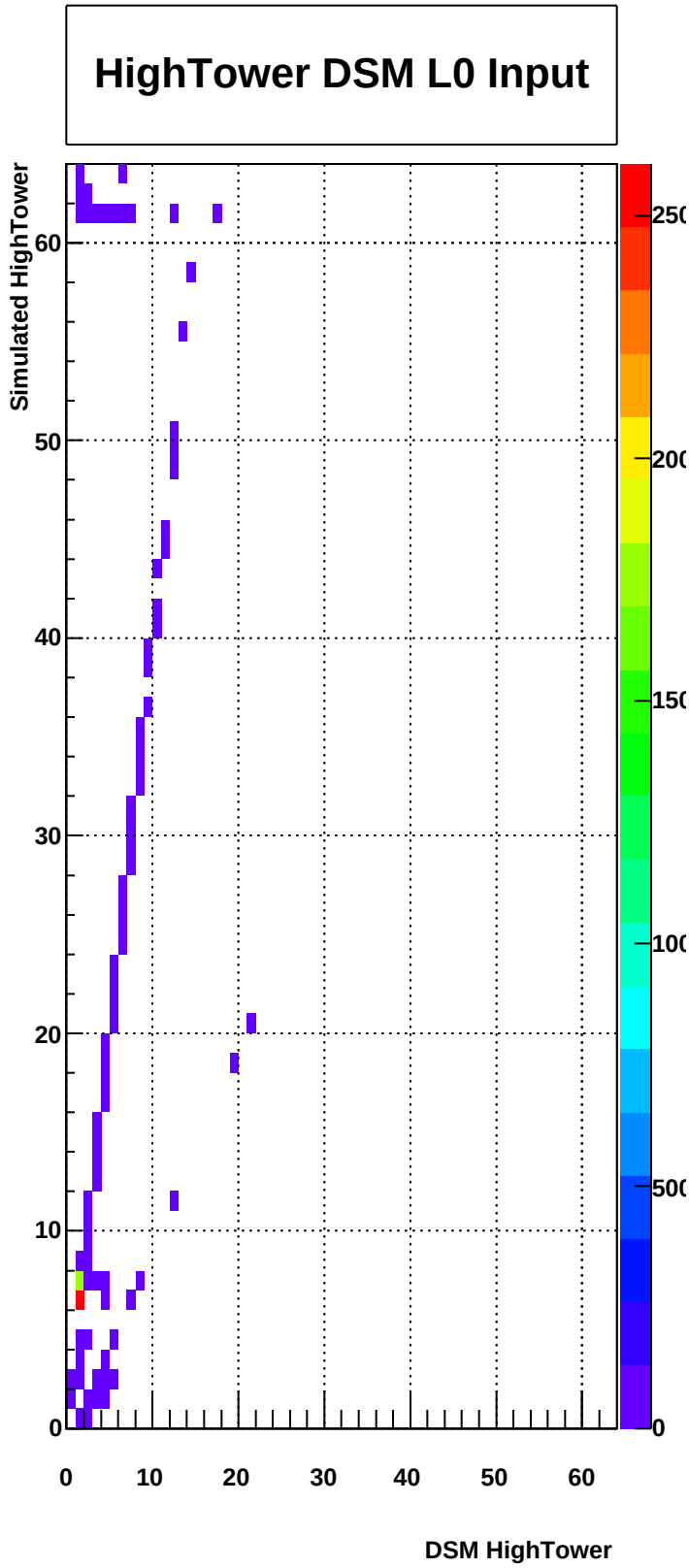

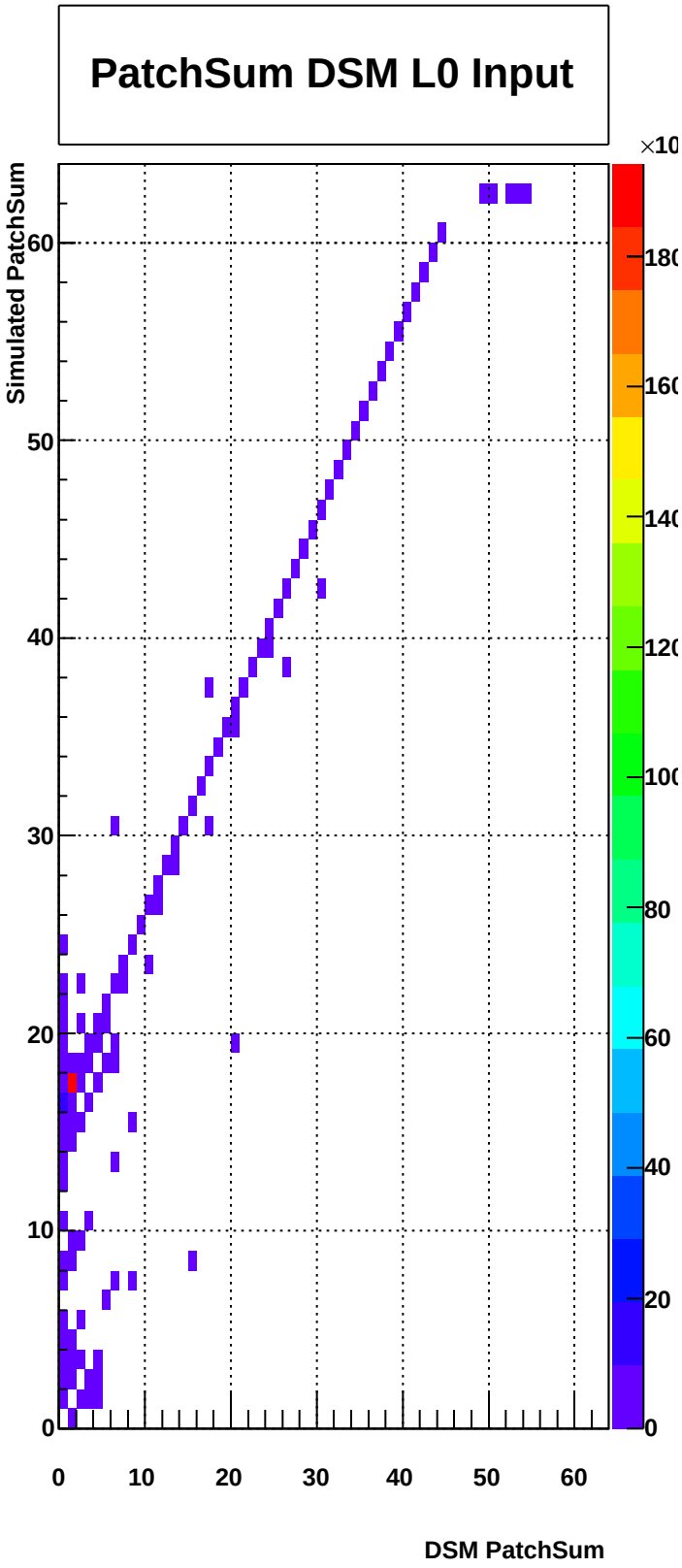

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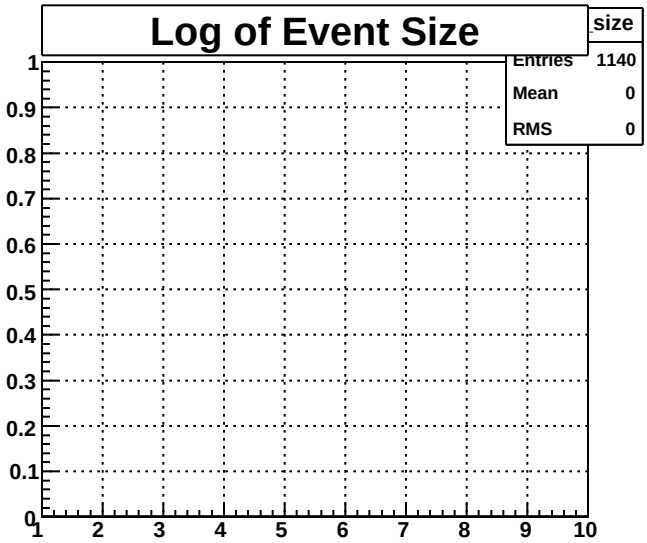
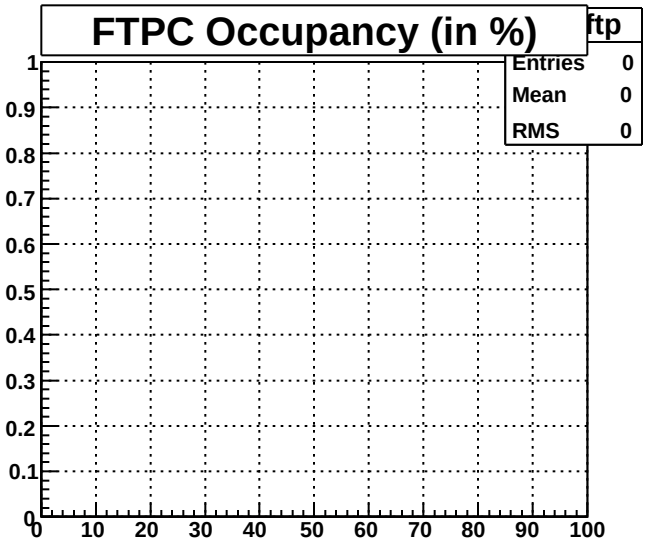
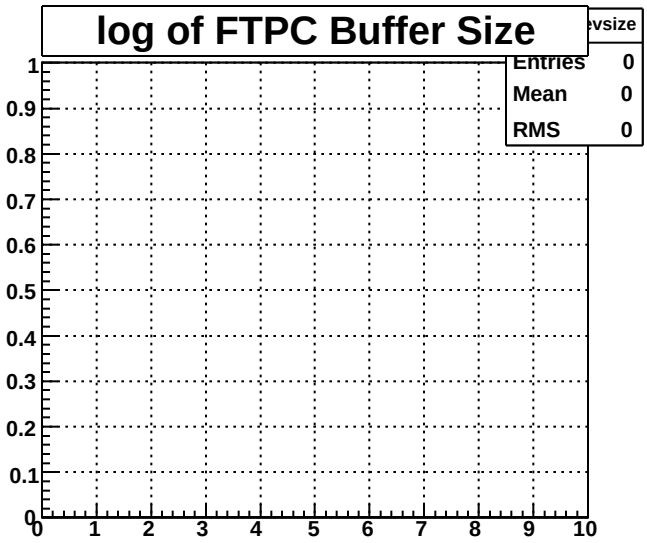
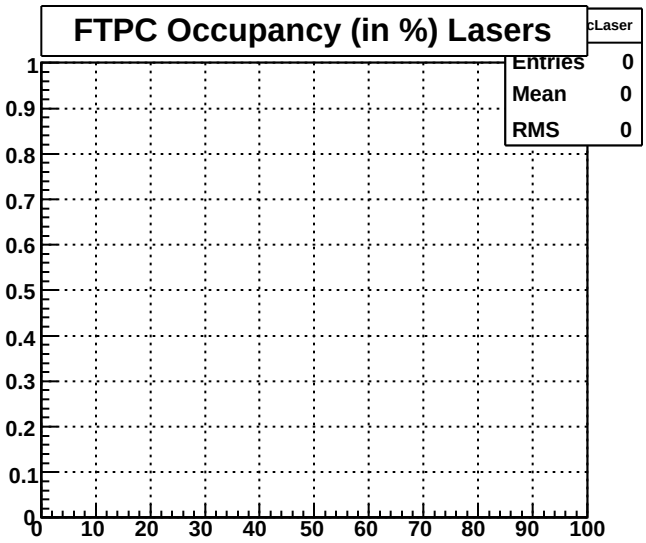
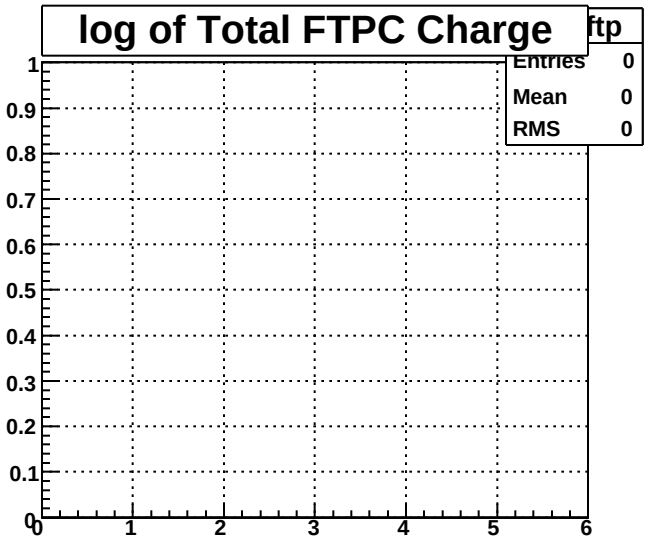
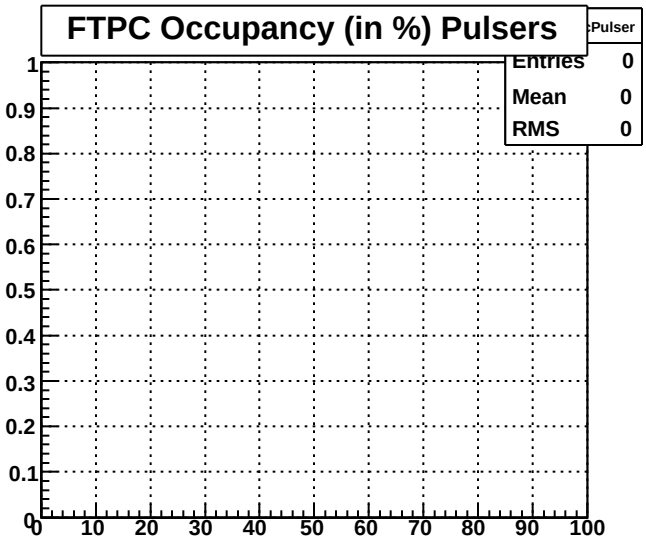

Log of Event Size
size
Entries 1140
Mean 0
RMS 0

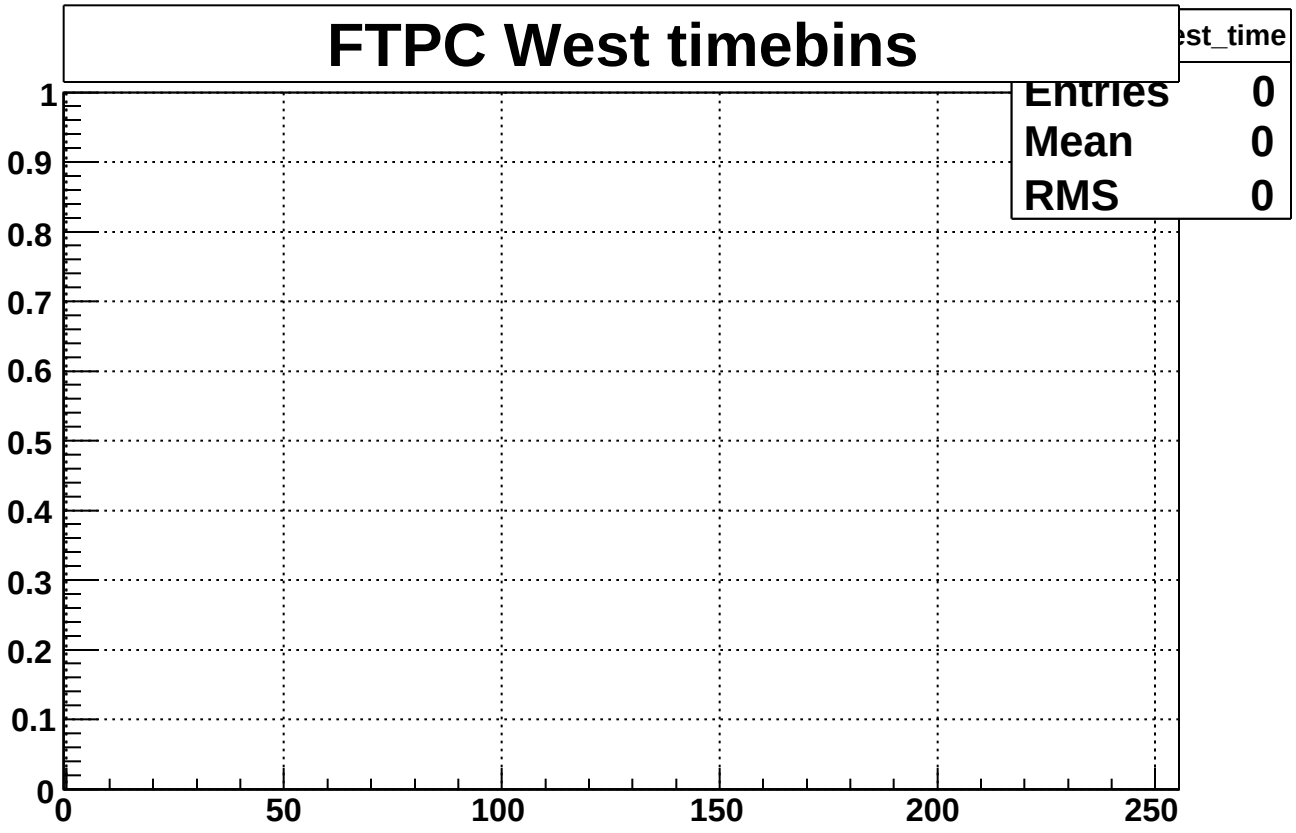

FTPC Occupancy (in %)
ftp
Entries 0
Mean 0
RMS 0

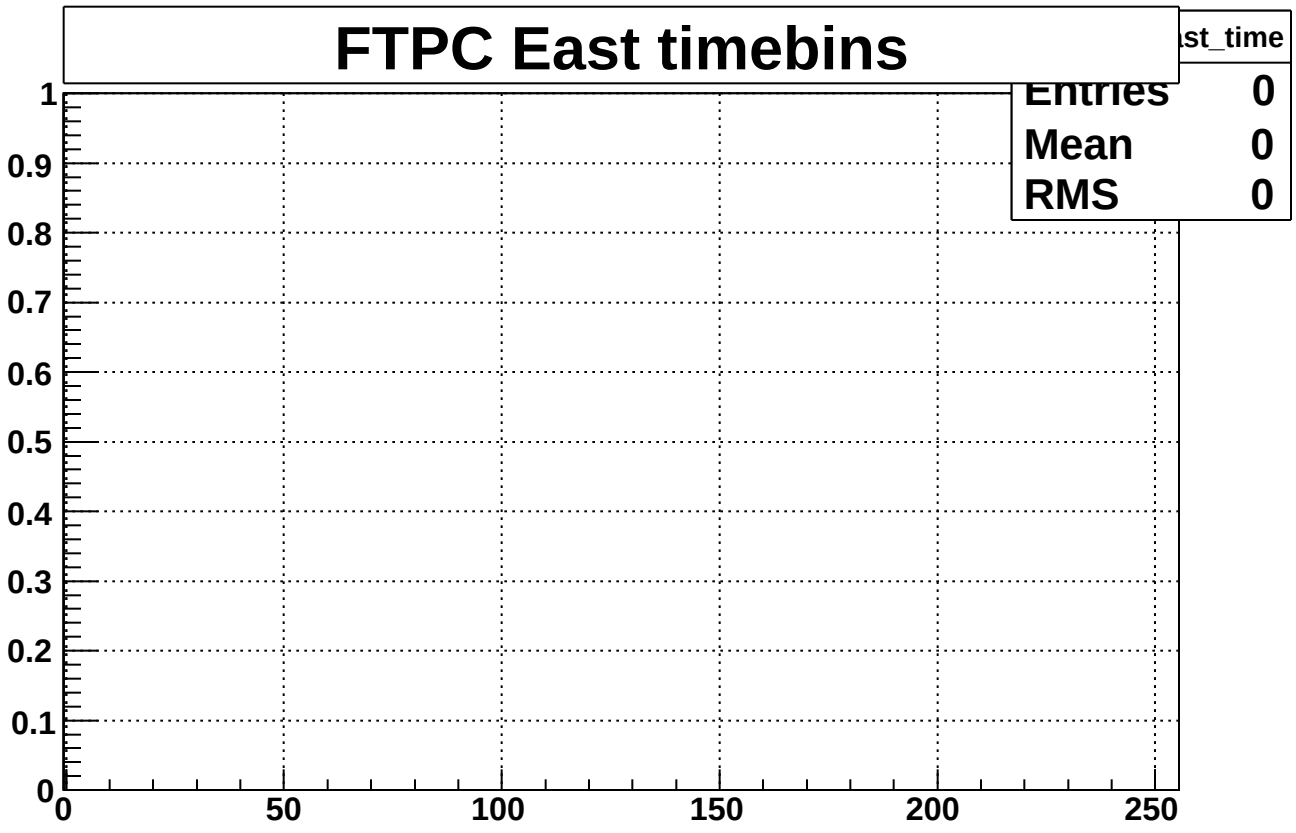

log of FTPC Buffer Size
evsize
Entries 0
Mean 0
RMS 0

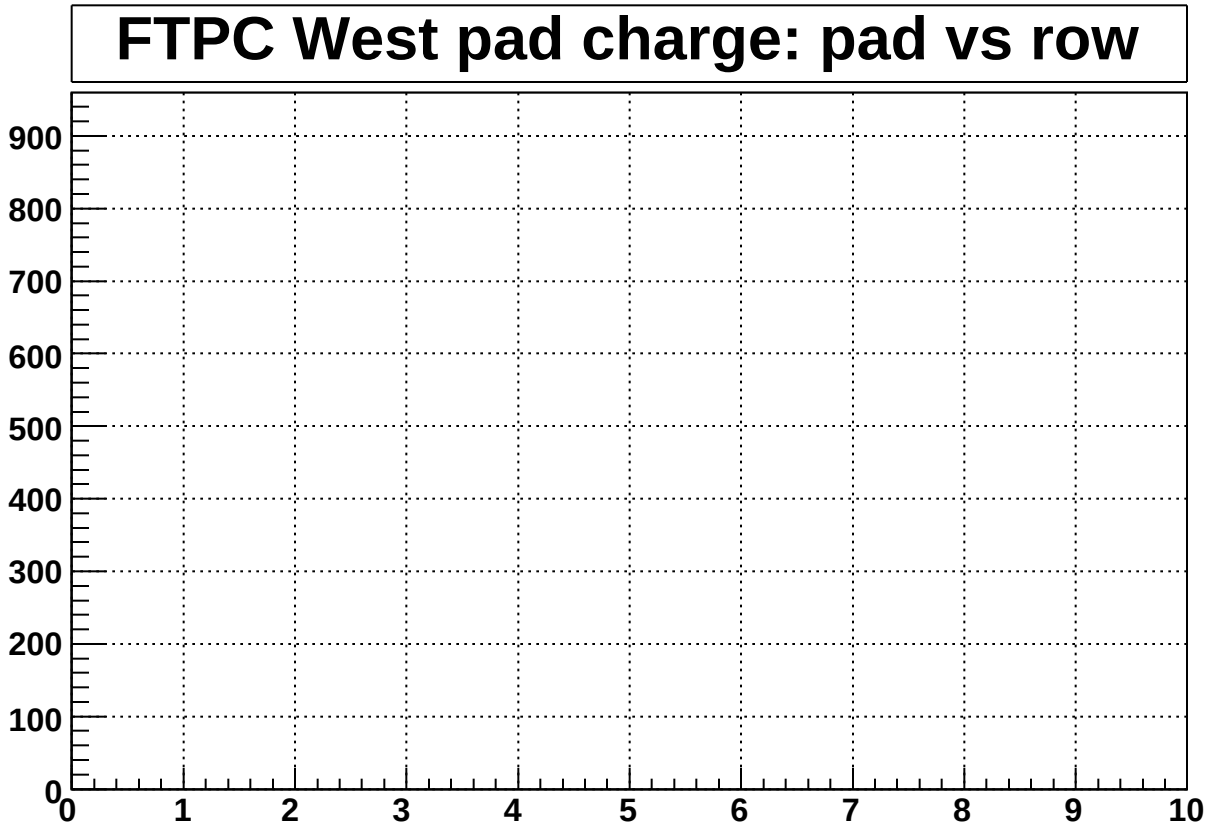

FTPC Occupancy (in %) Lasers
cLaser
Entries 0
Mean 0
RMS 0

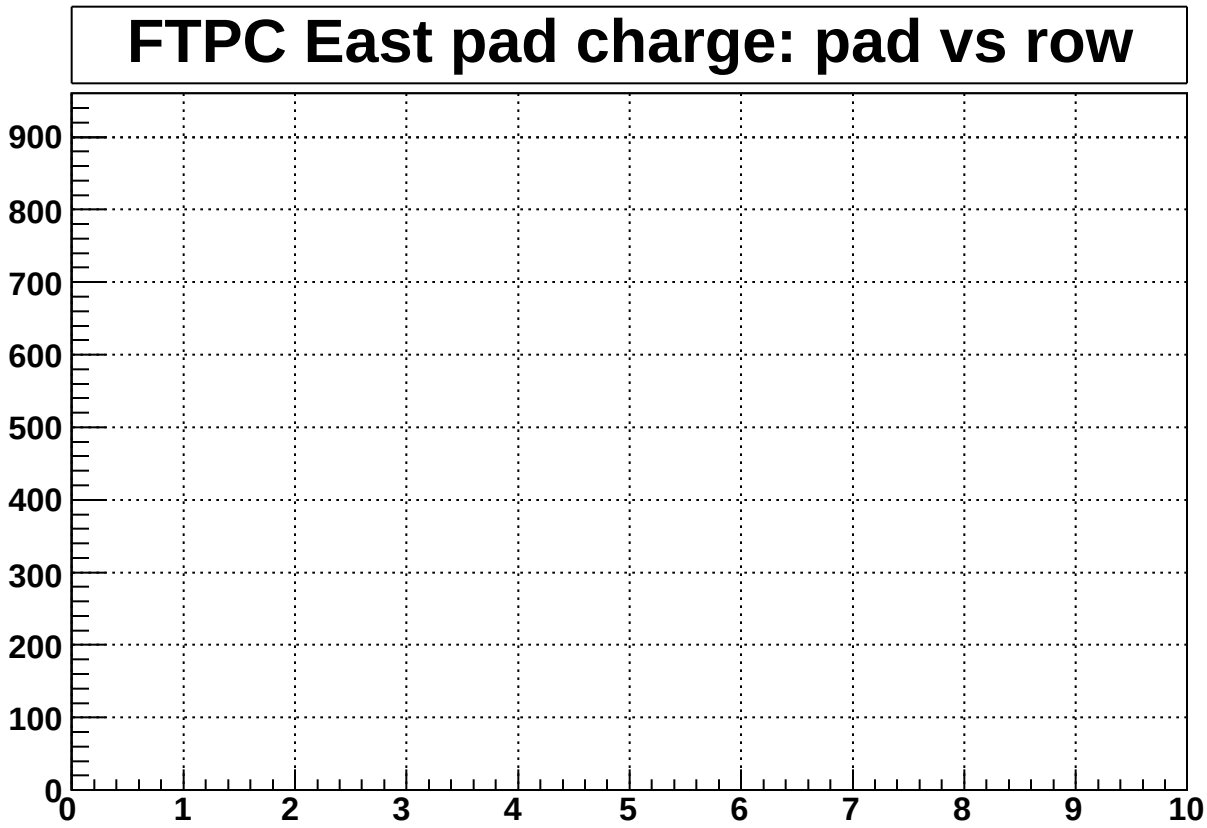

log of Total FTPC Charge
ftp
Entries 0
Mean 0
RMS 0

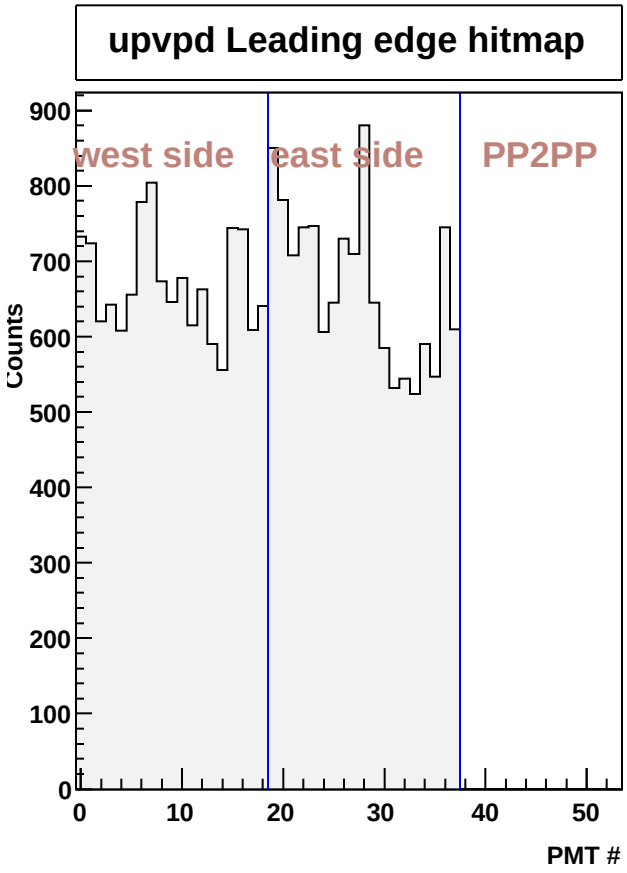

FTPC Occupancy (in %) Pulsers
cPulser
Entries 0
Mean 0
RMS 0

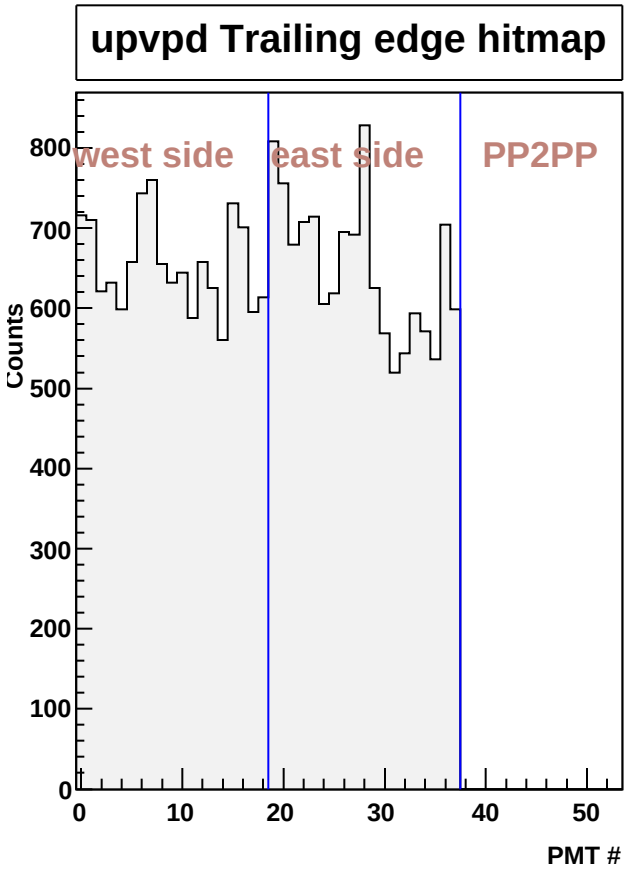

FTPC West timebins
est_time
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250

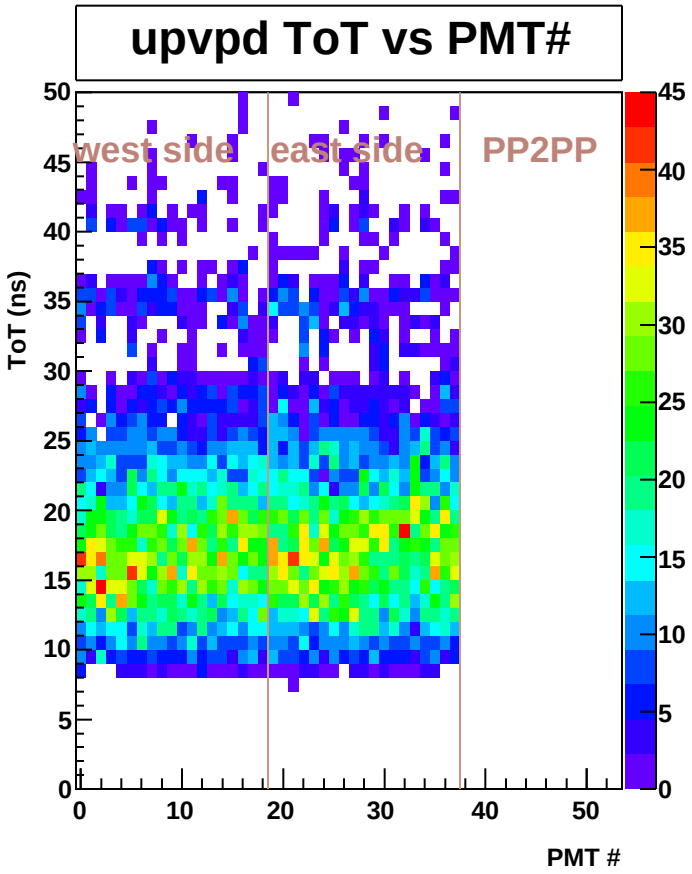

FTPC East timebins
st_time
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250

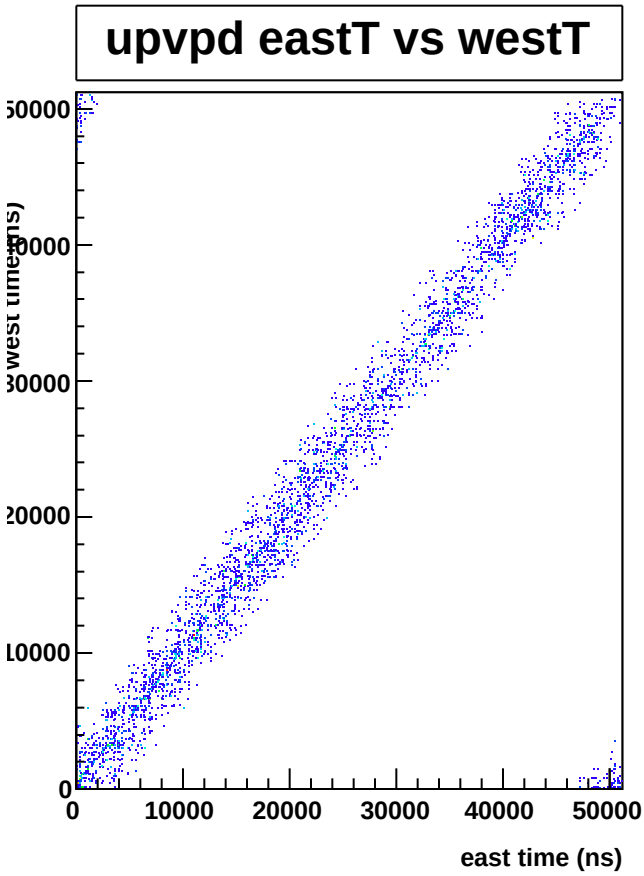

FTPC West pad charge: pad vs row
900
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10

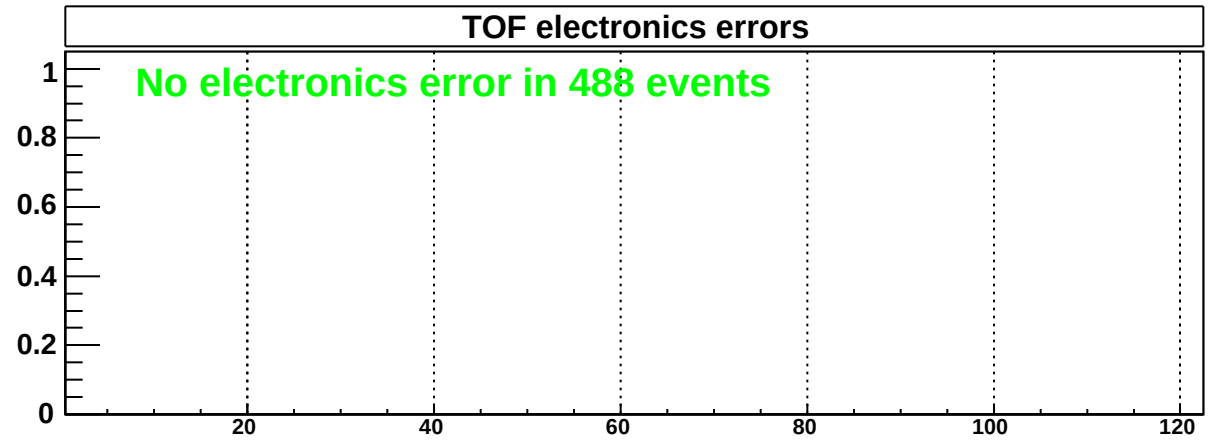

FTPC East pad charge: pad vs row
900
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10

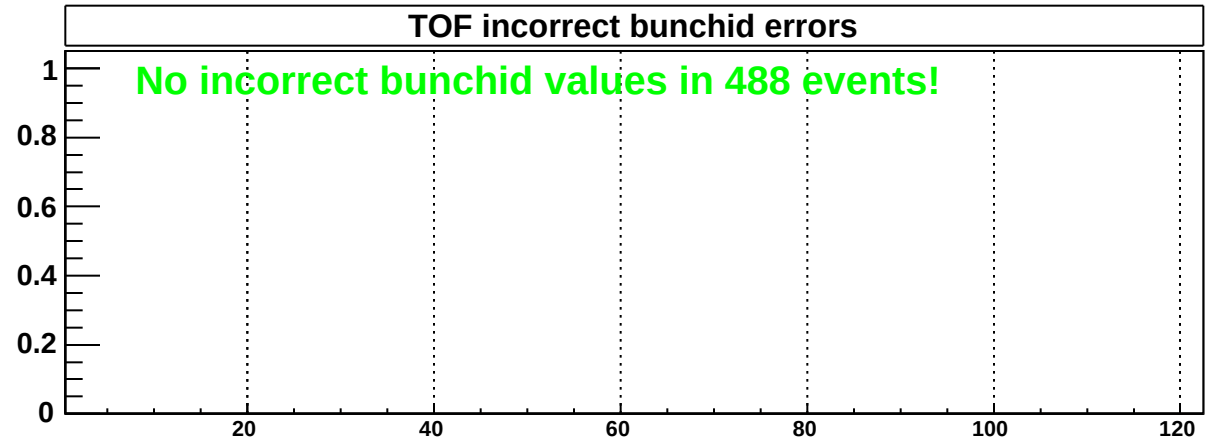

upvpd Leading edge hitmap
west side
east side
PP2PP
Counts
PMT #

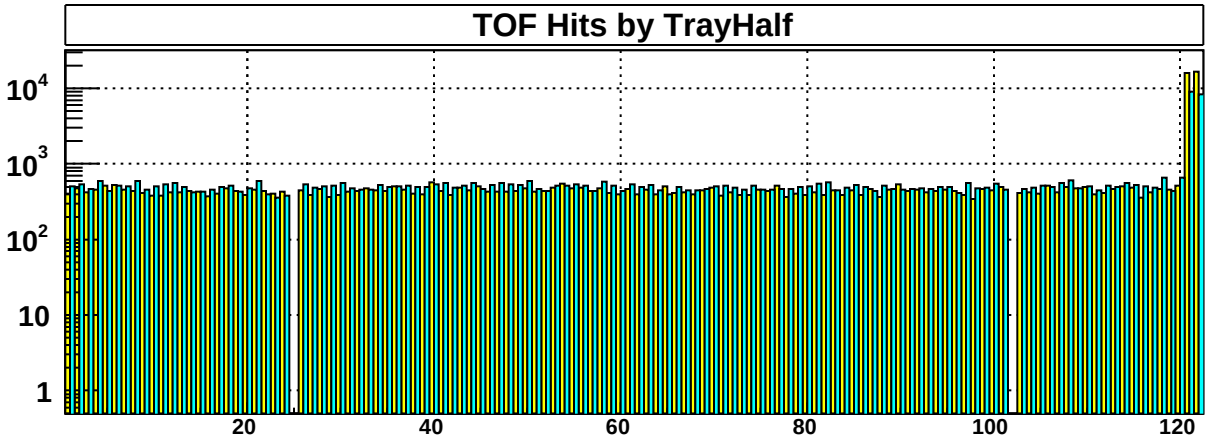

upvpd Trailing edge hitmap
west side
east side
PP2PP
Counts
PMT #

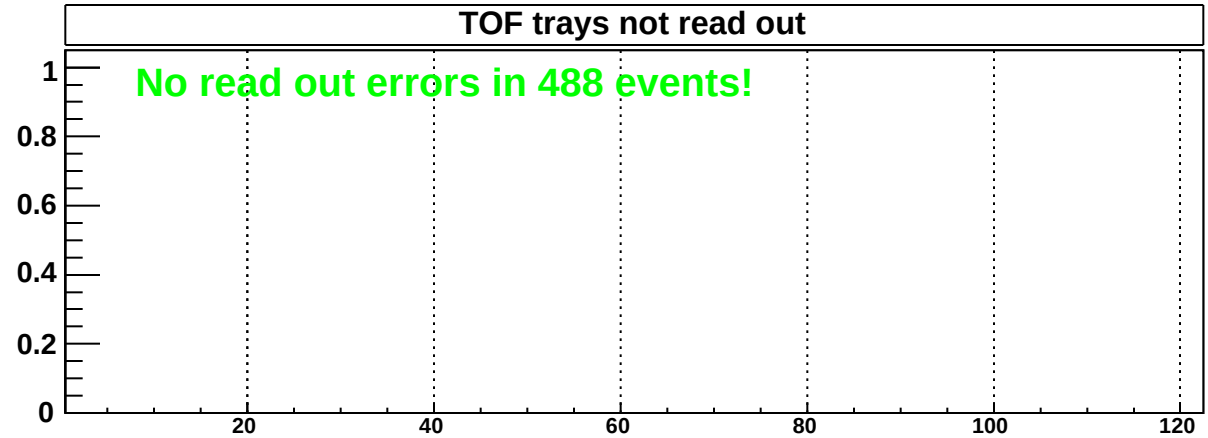

upvpd ToT vs PMT#
west side
east side
PP2PP
ToT (ns)
PMT #

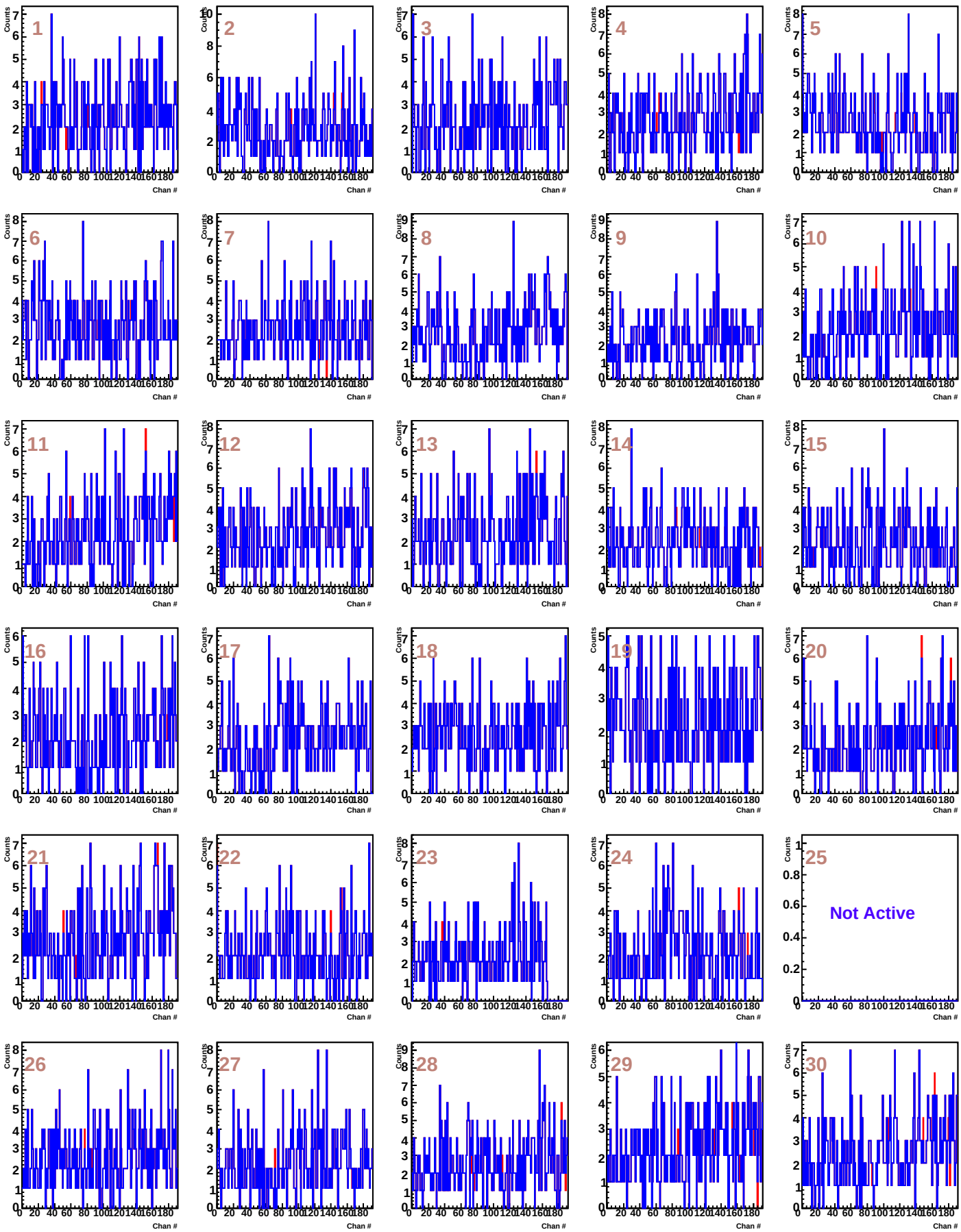

upvpd eastT vs westT
east time (ns)


TOF electronics errors
No electronics error in 488 events
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100
120


TOF incorrect bunchid errors
No incorrect bunchid values in 488 events!
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100
120


TOF Hits by TrayHalf
10^4
10^3
10^2
10
1
20
40
60
80
100
120


TOF trays not read out
No read out errors in 488 events!
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100
120


1
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6
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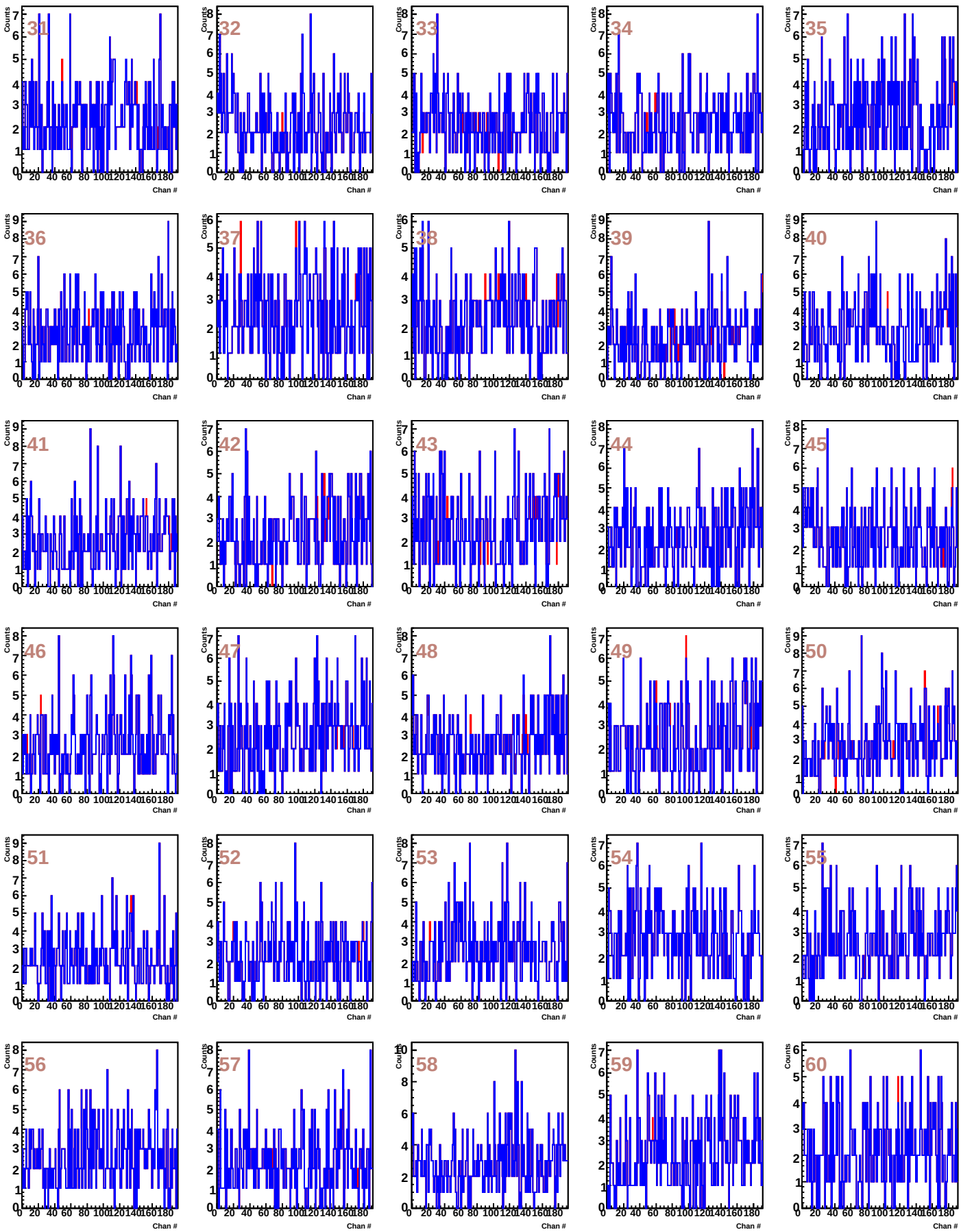
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
Not Active
26
27
28
29
30
Counts
Chan #


31
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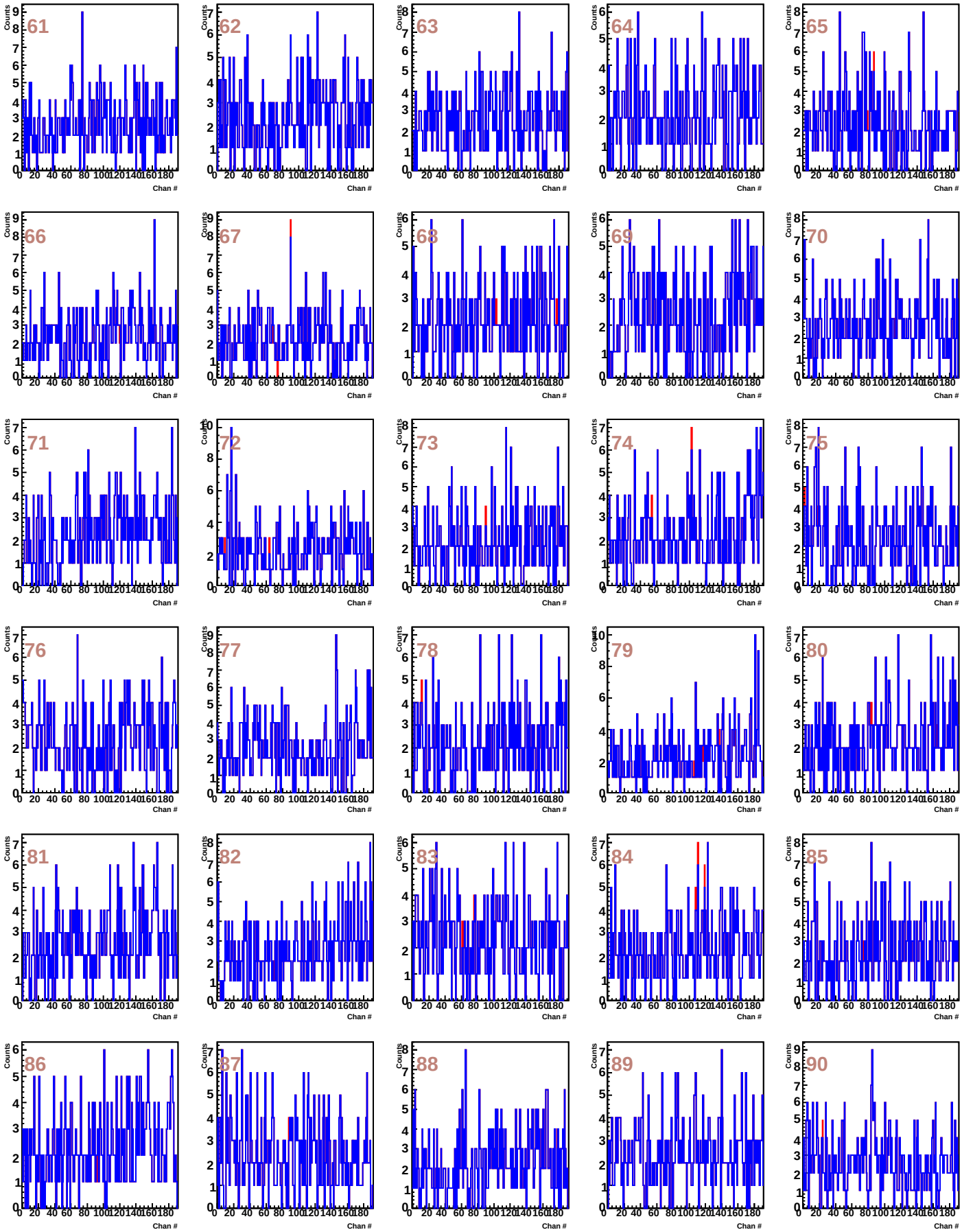
51
52
53
54
55
56
57
58
59
60
Counts
Chan #


61
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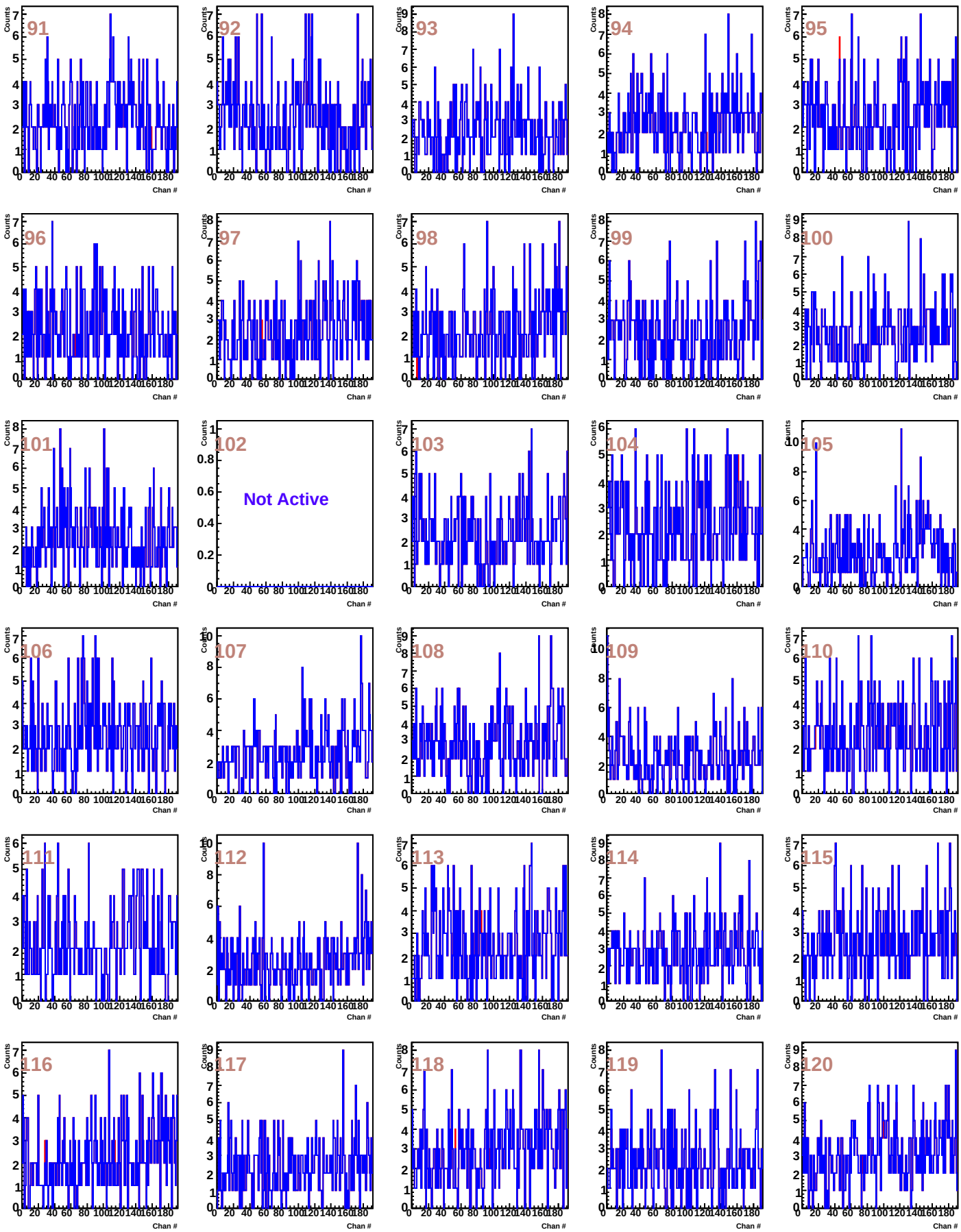
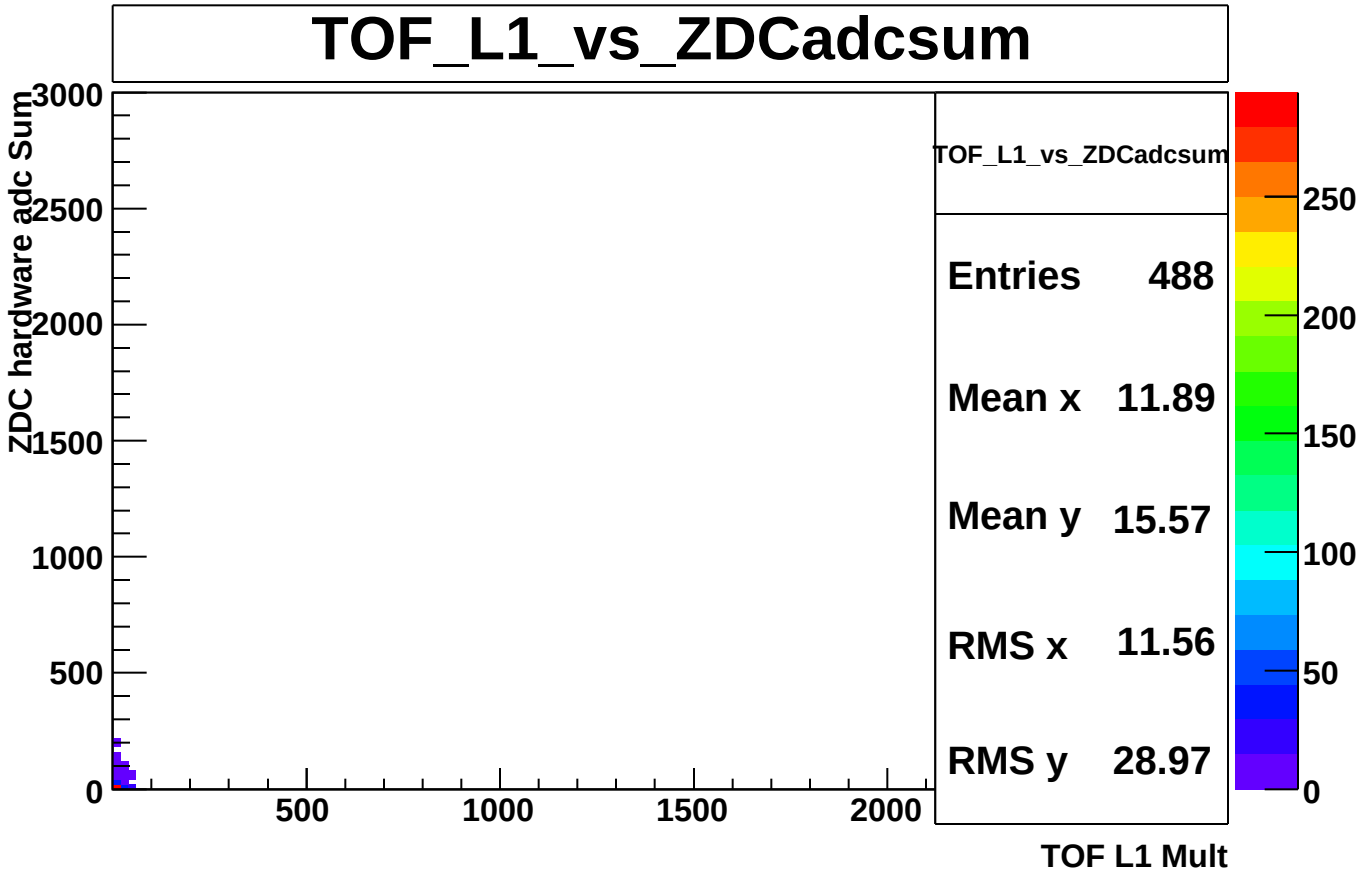
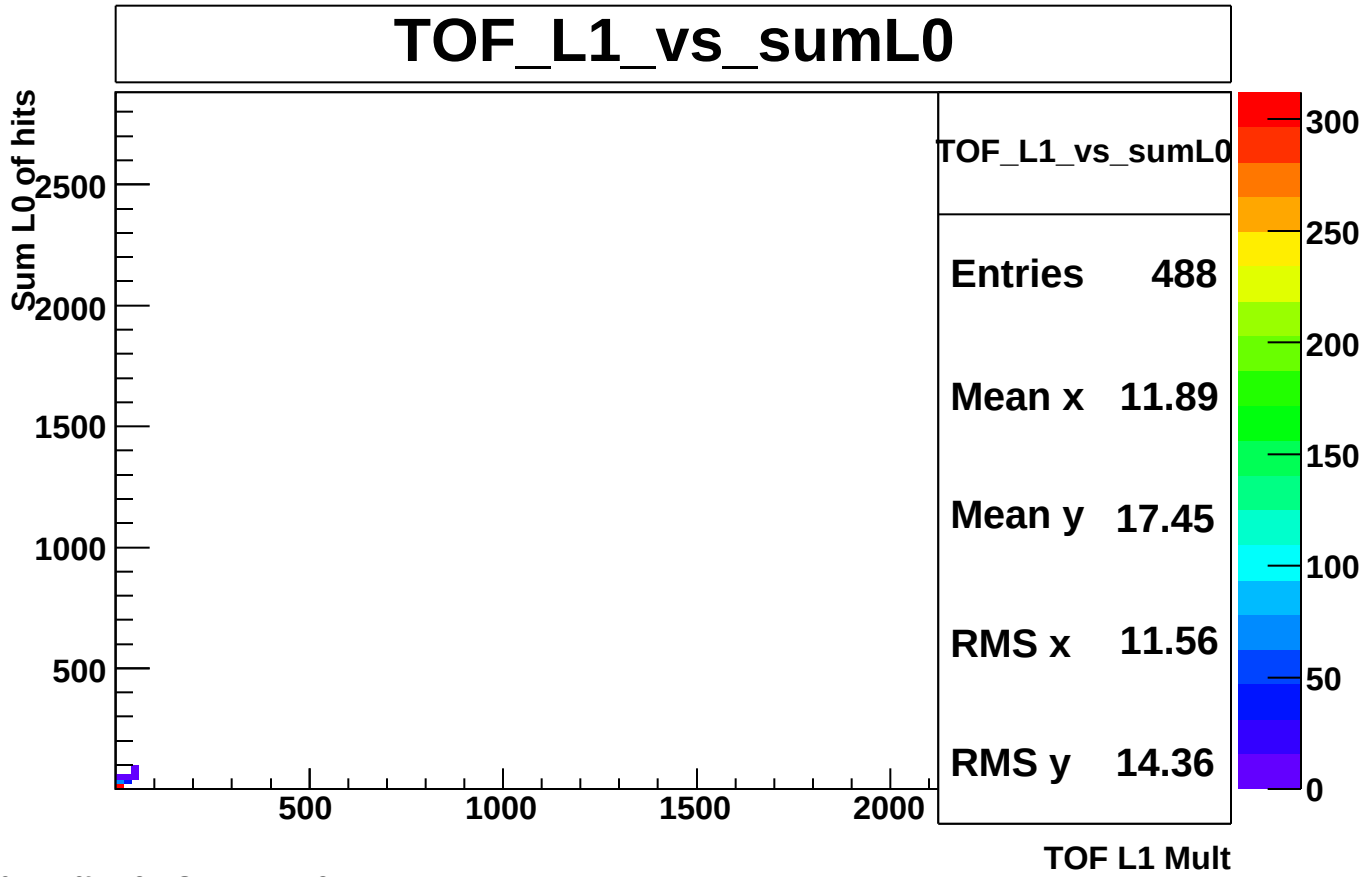
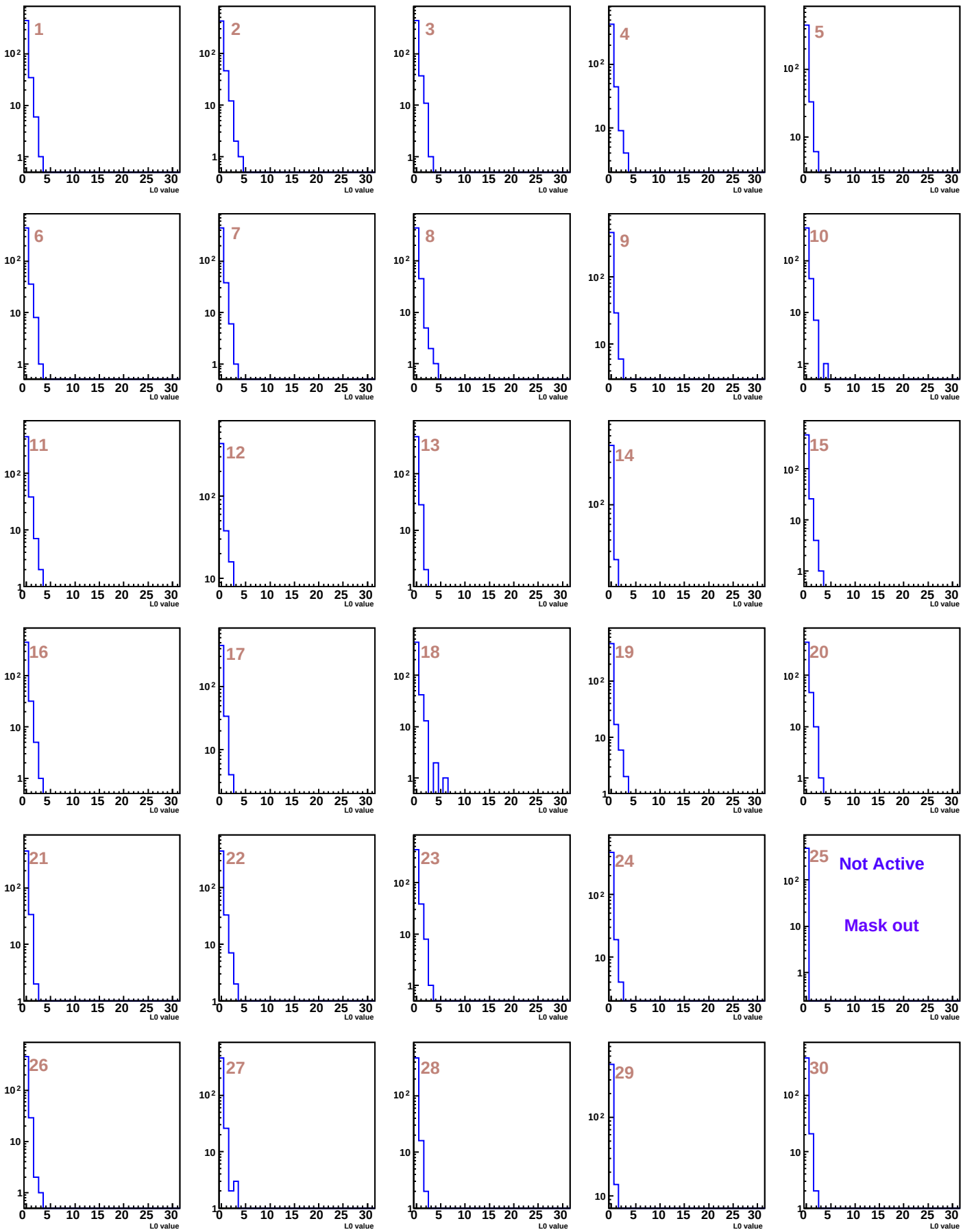
80
81
82
83
84
85
86
87
88
89
90
Counts
Chan #


91
92
93
94
95
96
97
98
99
100
101
102
Not Active
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
Counts
Chan #


TOF_L1_vs_ZDCadcsum
ZDC hardware adc Sum
TOF L1 Mult
TOF_L1_vs_ZDCadcsum
Entries 488
Mean x 11.89
Mean y 15.57
RMS x 11.56
RMS y 28.97


TOF_L1_vs_sumL0
Sum L0 of hits
TOF L1 Mult
TOF_L1_vs_sumL0
Entries 488
Mean x 11.89
Mean y 17.45
RMS x 11.56
RMS y 14.36


1
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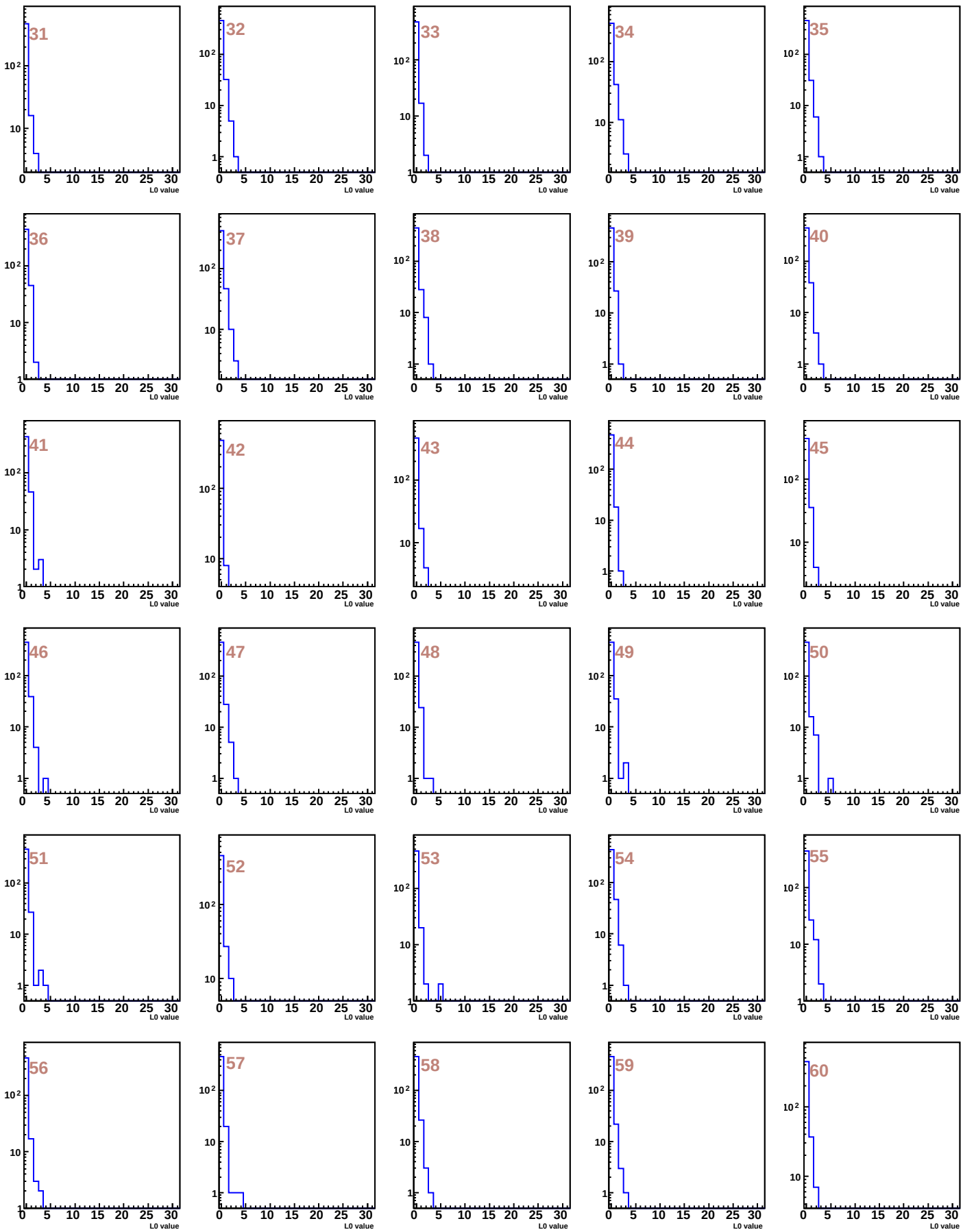
14
15
16
17
18
19
20
21
22
23
24
25
Not Active
Mask out
26
27
28
29
30
L0 value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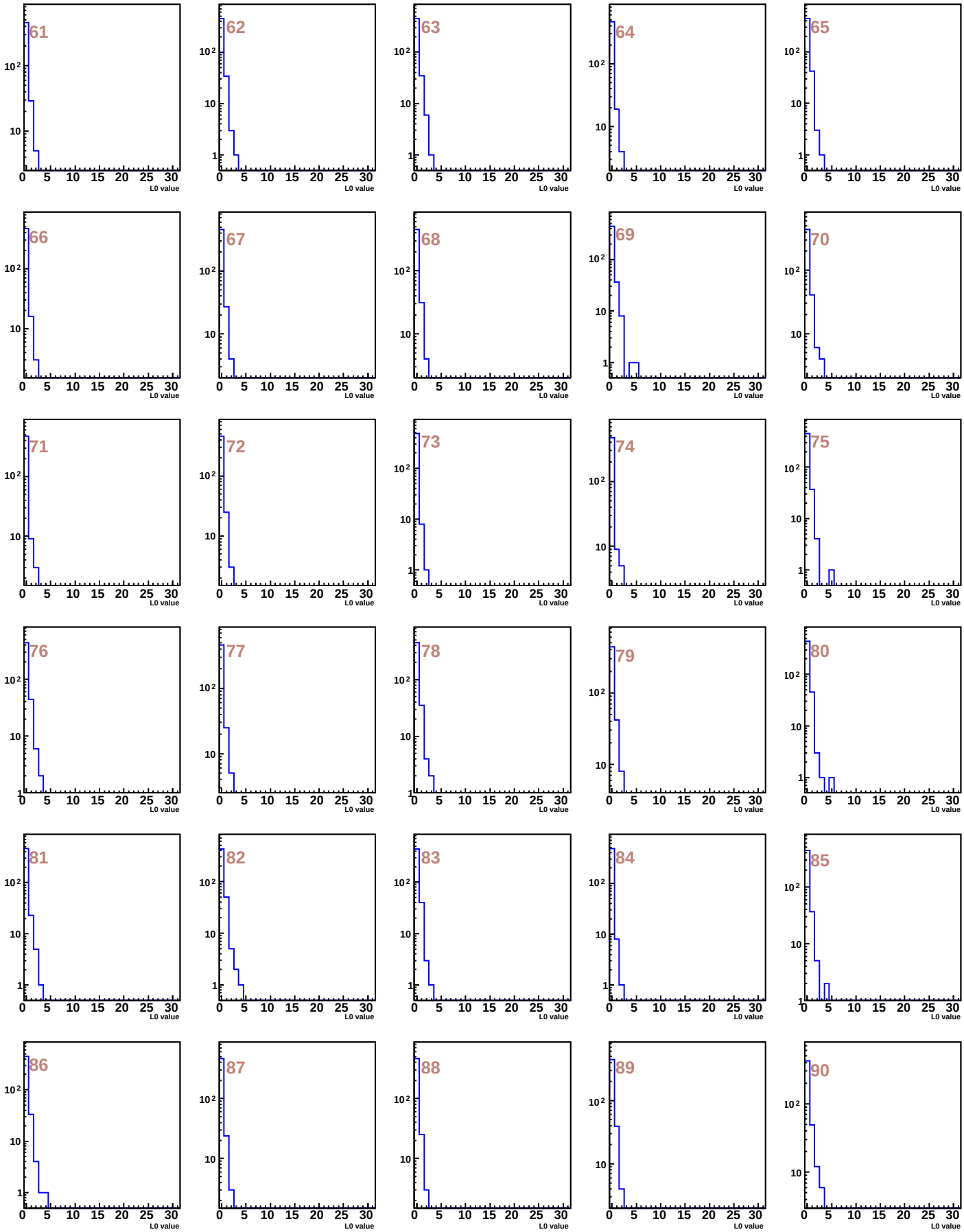
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
L0 value


61
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74
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76
77
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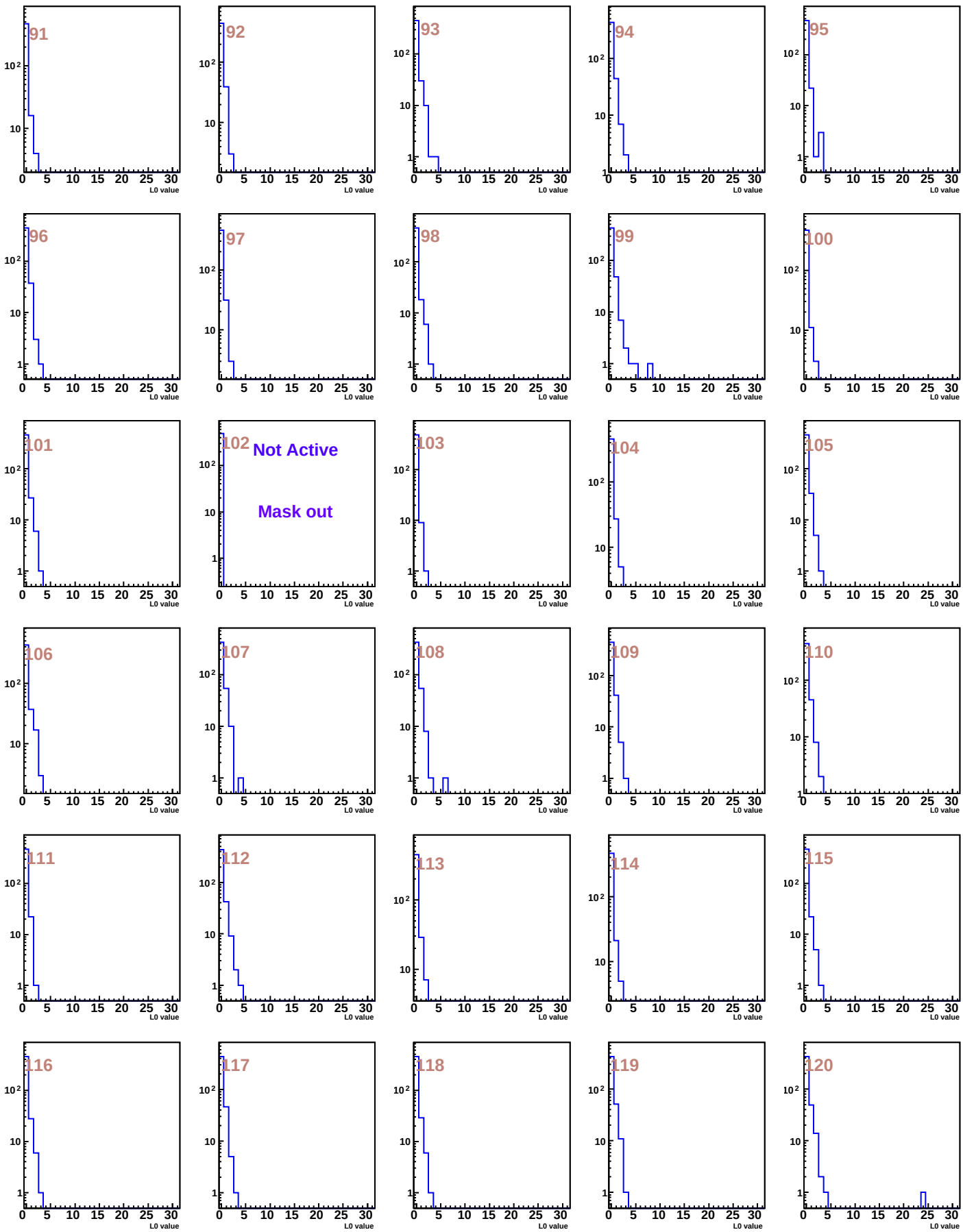
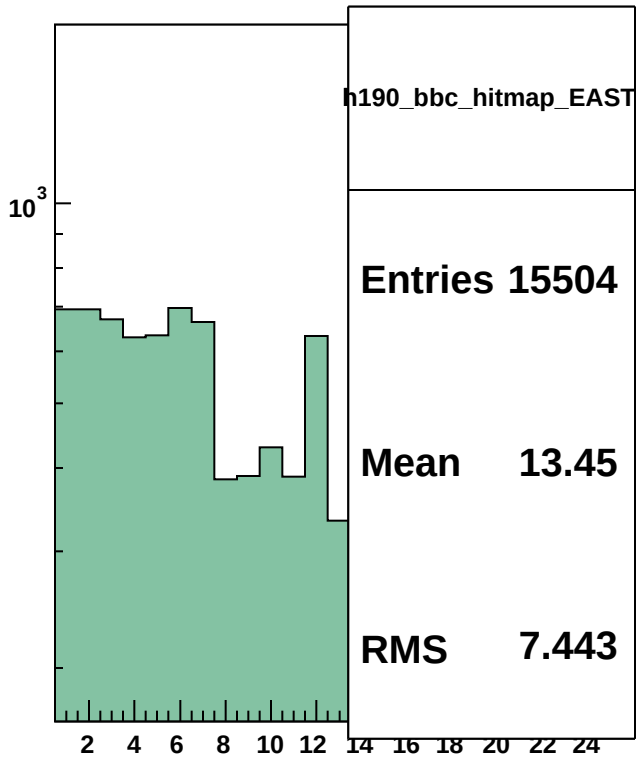
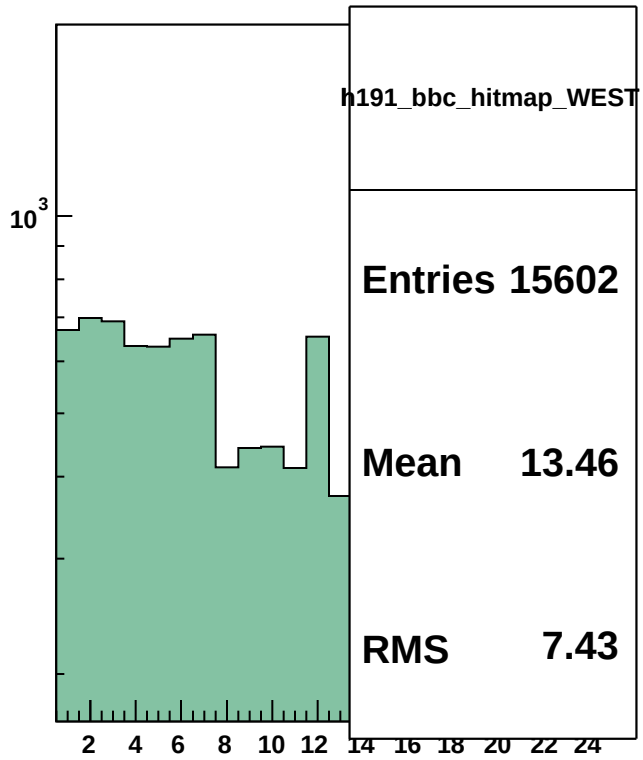
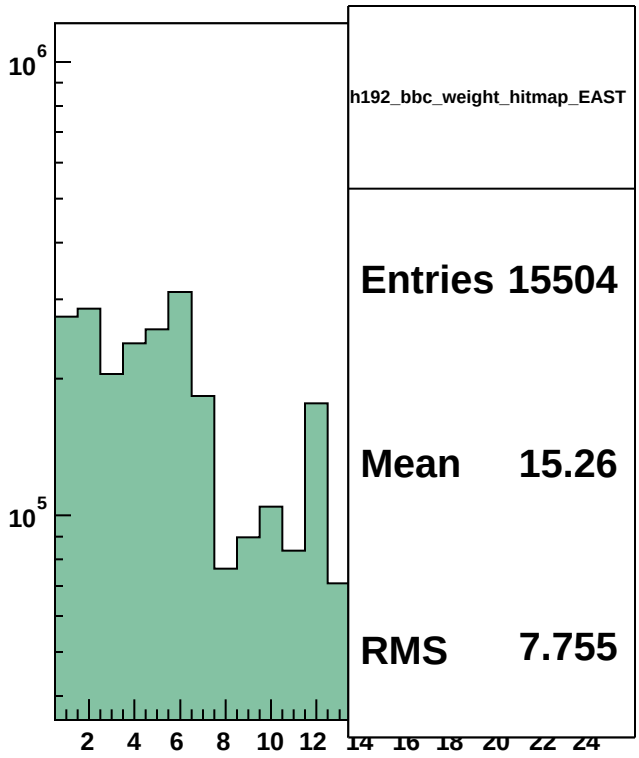
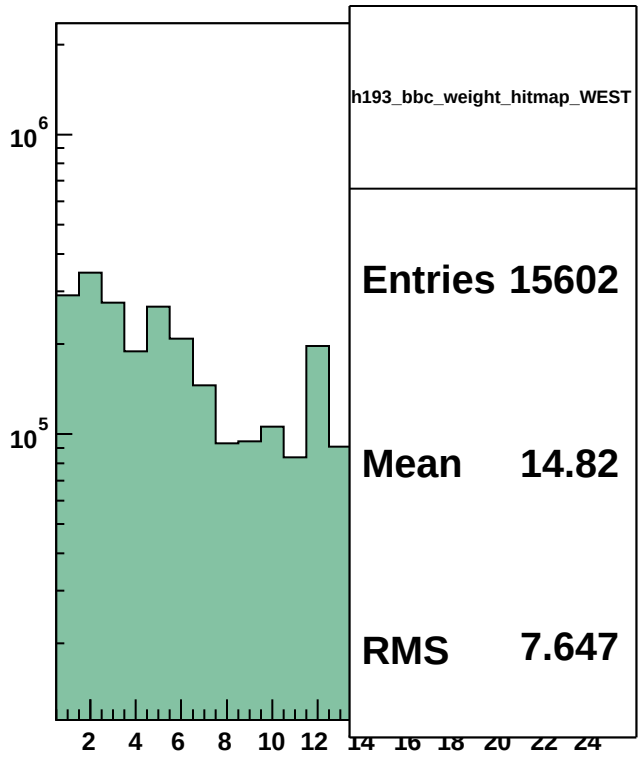
79
80
81
82
83
84
85
86
87
88
89
90
L0 value

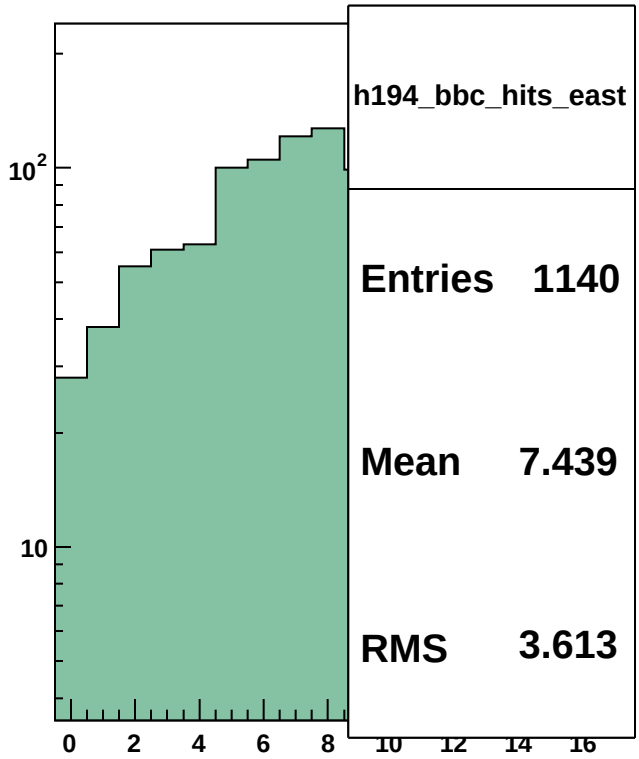

91
92
93
94
95
96
97
98
99
100
101
102
Not Active
Mask out
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
L0 value

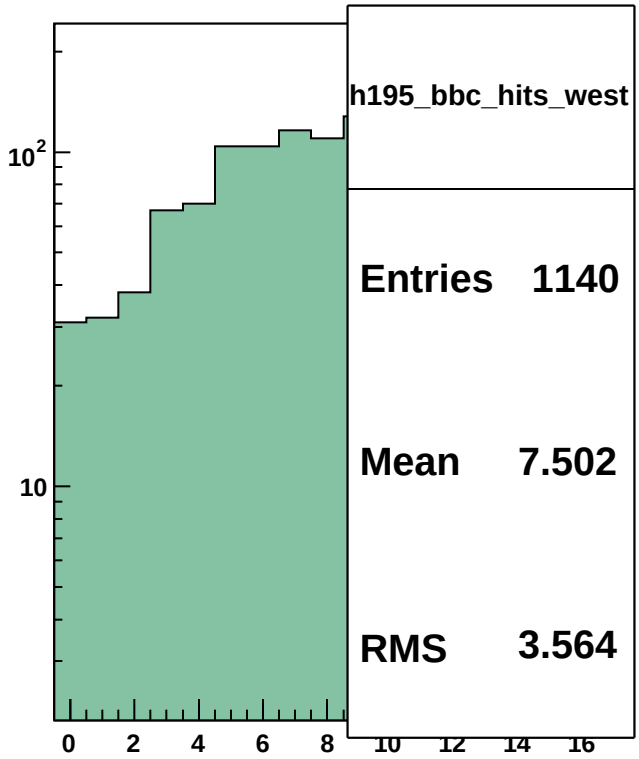

h190_bbc_hitmap_EAST
Entries 15504
Mean 13.45
RMS 7.443
10^3
2 4 6 8 10 12 14 16 18 20 22 24

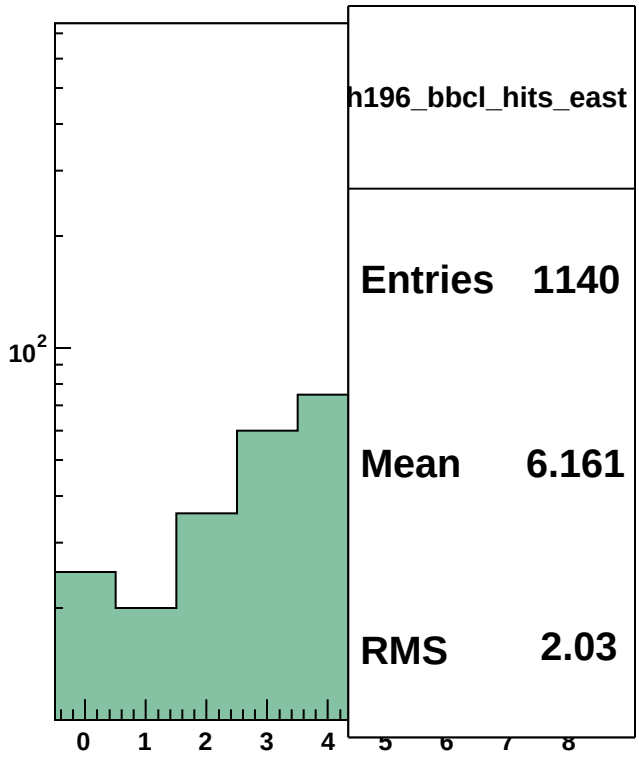

h191_bbc_hitmap_WEST
Entries 15602
Mean 13.46
RMS 7.43
10^3
2 4 6 8 10 12 14 16 18 20 22 24

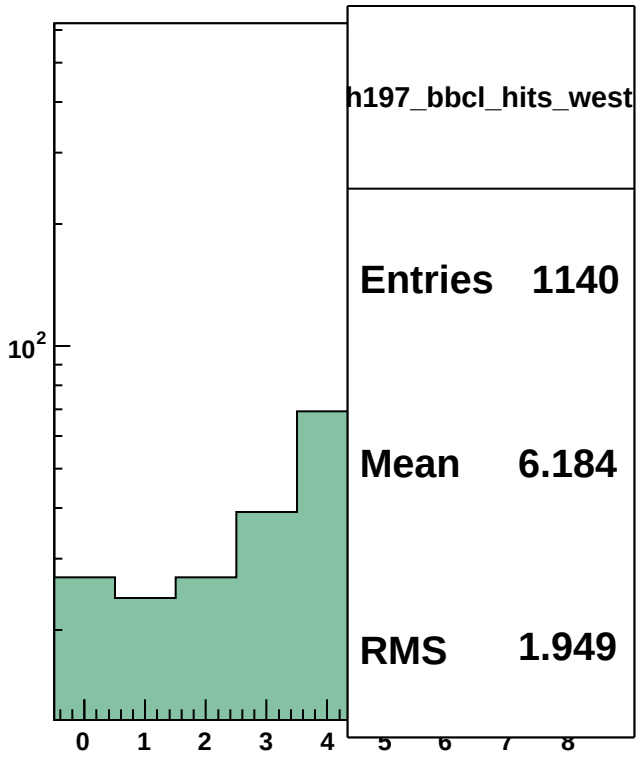

h192_bbc_weight_hitmap_EAST
Entries 15504
Mean 15.26
RMS 7.755
10^6
10^5
2 4 6 8 10 12 14 16 18 20 22 24

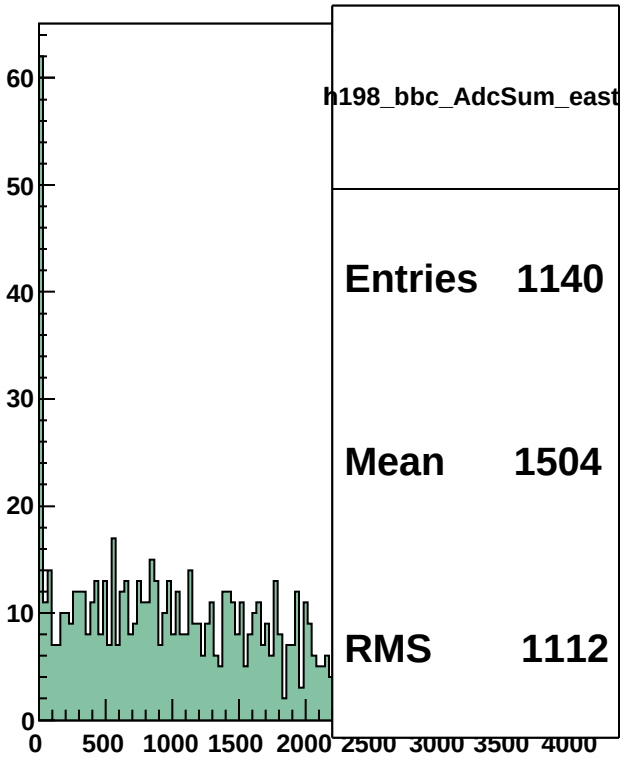

h193_bbc_weight_hitmap_WEST
Entries 15602
Mean 14.82
RMS 7.647
10^6
10^5
2 4 6 8 10 12 14 16 18 20 22 24

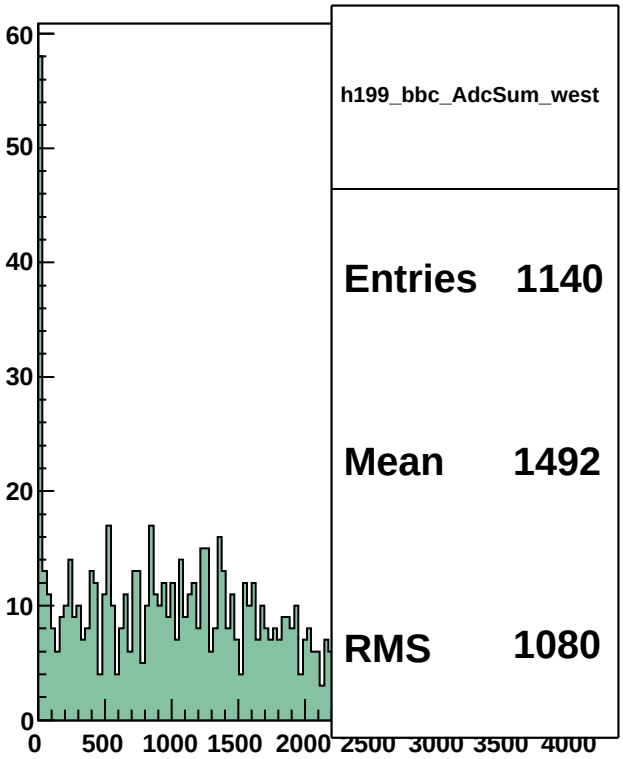

h194_bbc_hits_east
Entries 1140
Mean 7.439
RMS 3.613
10^2
10
0 2 4 6 8 10 12 14 16

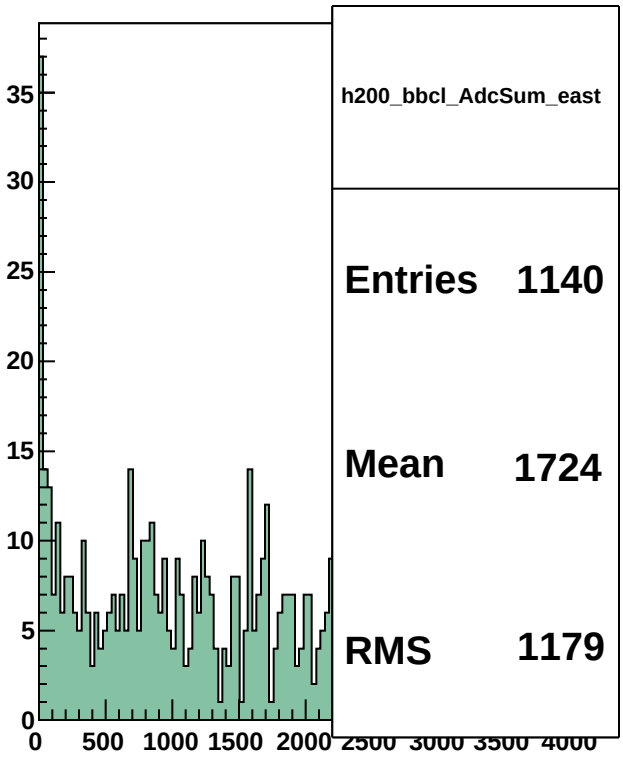

h195_bbc_hits_west
Entries 1140
Mean 7.502
RMS 3.564
10^2
10
0 2 4 6 8 10 12 14 16

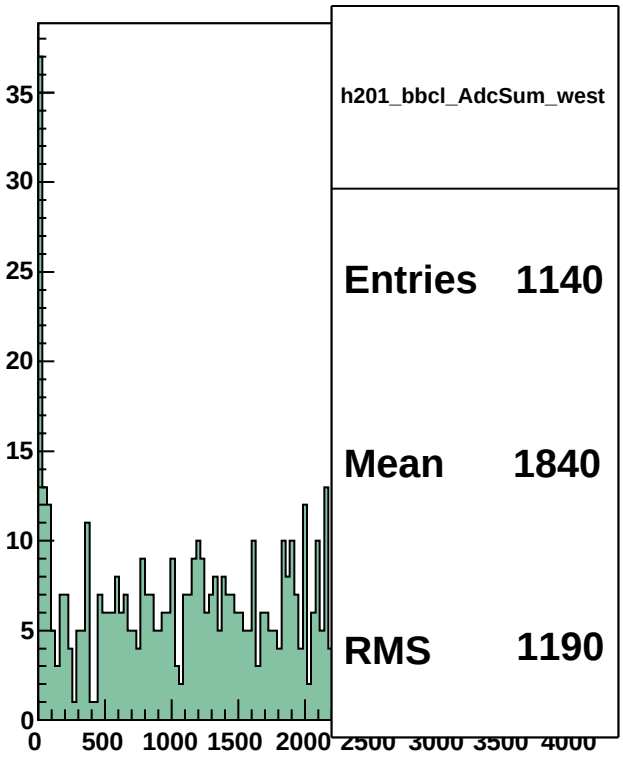

h196_bbcl_hits_east
Entries 1140
Mean 6.161
RMS 2.03
10^2
0 1 2 3 4 5 6 7 8

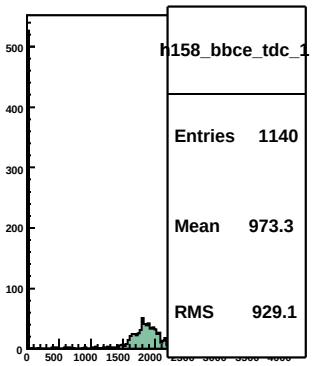

h197_bbcl_hits_west
Entries 1140
Mean 6.184
RMS 1.949
10^2
0 1 2 3 4 5 6 7 8

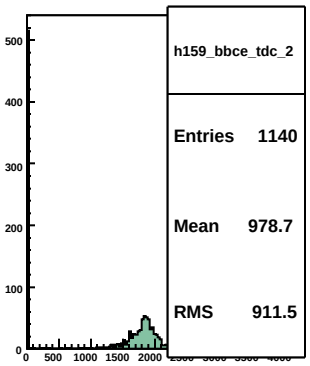

h198_bbc_AdcSum_east
Entries 1140
Mean 1504
RMS 1112

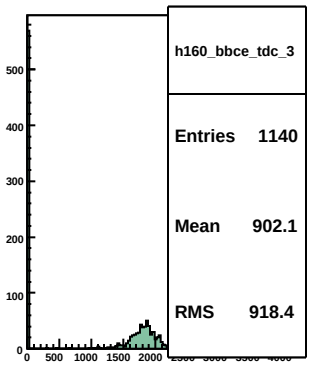

h199_bbc_AdcSum_west
Entries 1140
Mean 1492
RMS 1080

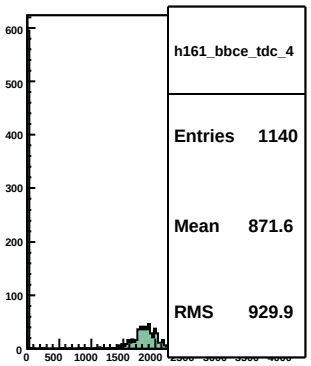

h200_bbcl_AdcSum_east
Entries 1140
Mean 1724
RMS 1179

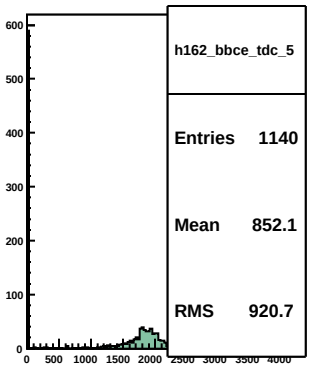

h201_bbcl_AdcSum_west
Entries 1140
Mean 1840
RMS 1190

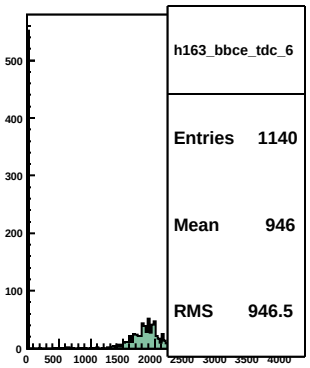

h158_bbce_tdc_1
Entries 1140
Mean 973.3
RMS 929.1

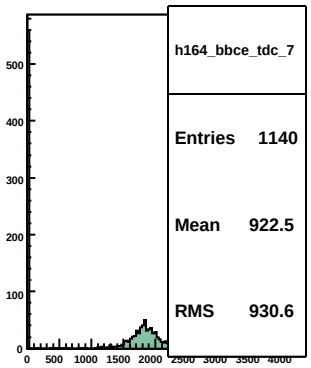

h159_bbce_tdc_2
Entries 1140
Mean 978.7
RMS 911.5

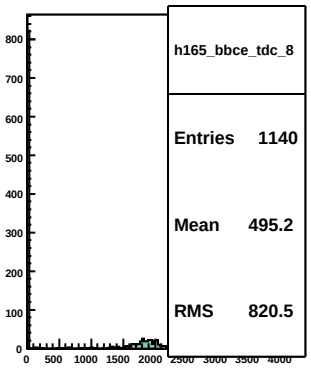

h160_bbce_tdc_3
Entries 1140
Mean 902.1
RMS 918.4

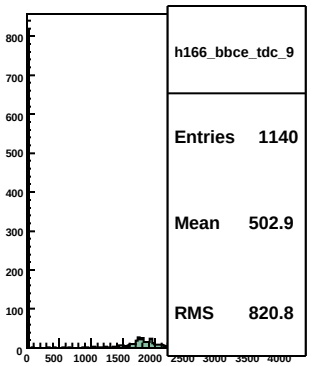

h161_bbce_tdc_4
Entries 1140
Mean 871.6
RMS 929.9

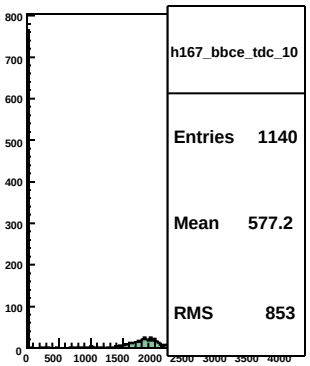

h162_bbce_tdc_5
Entries 1140
Mean 852.1
RMS 920.7

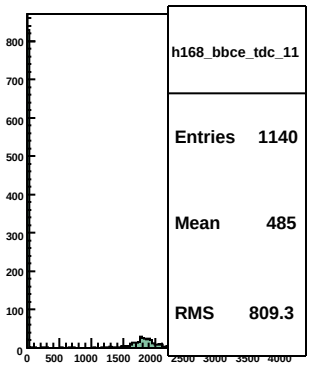

h163_bbce_tdc_6
Entries 1140
Mean 946
RMS 946.5

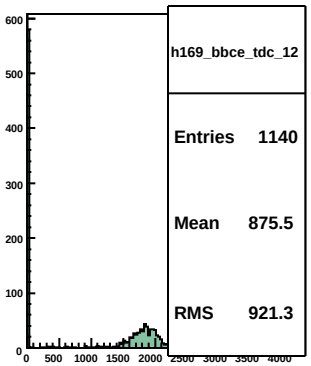

h164_bbce_tdc_7
Entries 1140
Mean 922.5
RMS 930.6

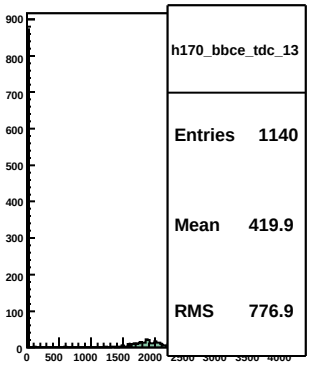

h165_bbce_tdc_8
Entries 1140
Mean 495.2
RMS 820.5

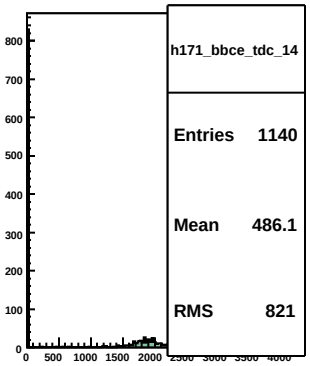

h166_bbce_tdc_9
Entries 1140
Mean 502.9
RMS 820.8

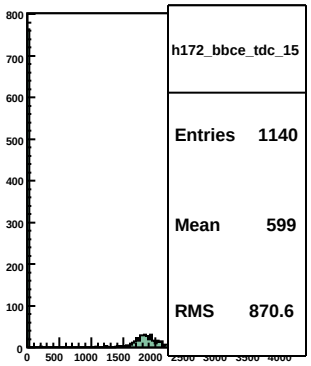

h167_bbce_tdc_10
Entries 1140
Mean 577.2
RMS 853

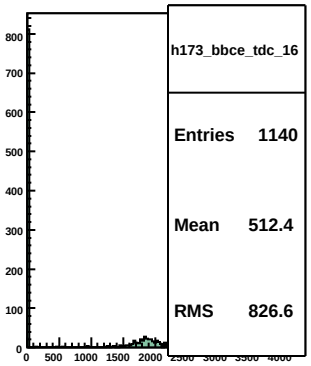

h168_bbce_tdc_11
Entries 1140
Mean 485
RMS 809.3

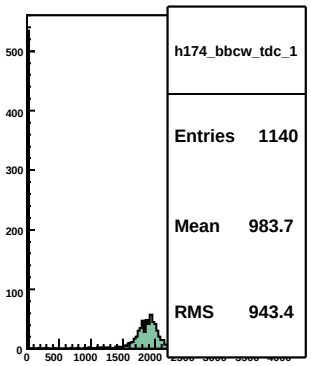

h169_bbce_tdc_12
Entries 1140
Mean 875.5
RMS 921.3

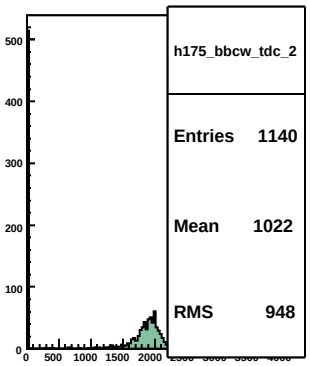

h170_bbce_tdc_13
Entries 1140
Mean 419.9
RMS 776.9

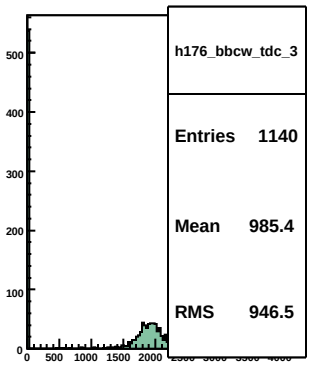

h171_bbce_tdc_14
Entries 1140
Mean 486.1
RMS 821

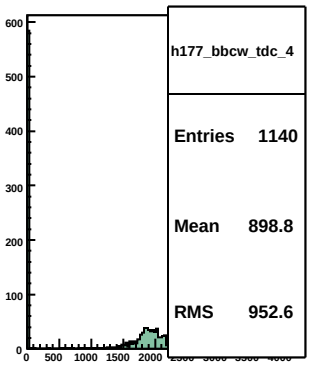

h172_bbce_tdc_15
Entries 1140
Mean 599
RMS 870.6

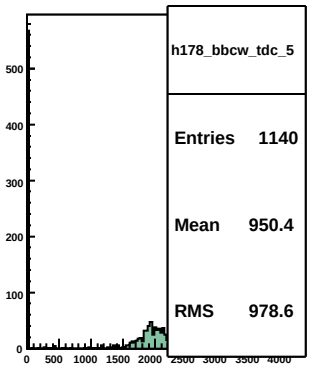

h173_bbce_tdc_16
Entries 1140
Mean 512.4
RMS 826.6

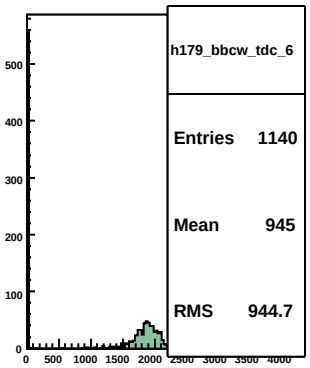

h174_bbcw_tdc_1
Entries 1140
Mean 983.7
RMS 943.4

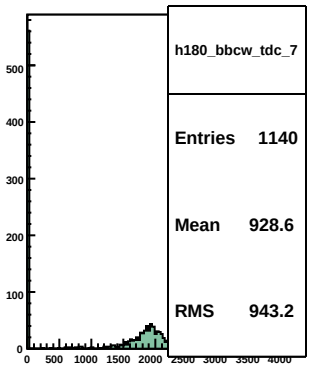

h175_bbcw_tdc_2
Entries 1140
Mean 1022
RMS 948

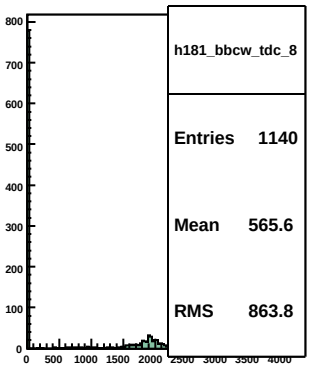

h176_bbcw_tdc_3
Entries 1140
Mean 985.4
RMS 946.5

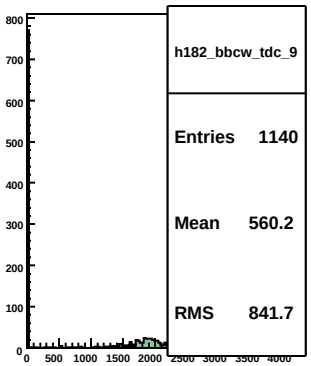

h177_bbcw_tdc_4
Entries 1140
Mean 898.8
RMS 952.6


h178_bbcw_tdc_5
Entries 1140
Mean 950.4
RMS 978.6


h179_bbcw_tdc_6
Entries 1140
Mean 945
RMS 944.7


h180_bbcw_tdc_7
Entries 1140
Mean 928.6
RMS 943.2


h181_bbcw_tdc_8
Entries 1140
Mean 565.6
RMS 863.8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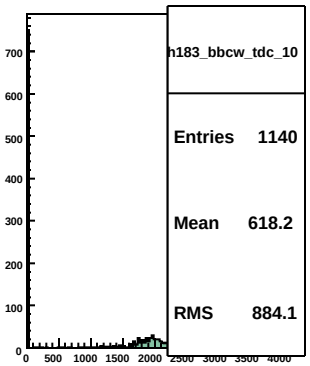
Entries 1140
Mean 560.2
RMS 841.7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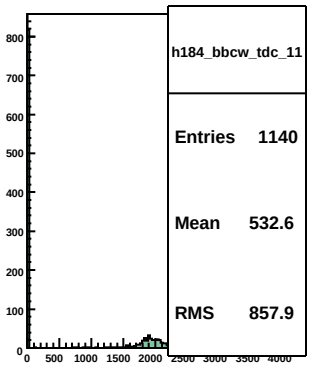
Entries 1140
Mean 618.2
RMS 884.1


h184_bbcw_tdc_11
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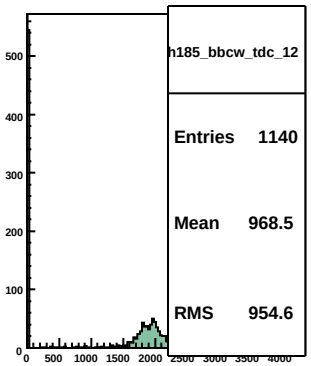
Mean 532.6
RMS 857.9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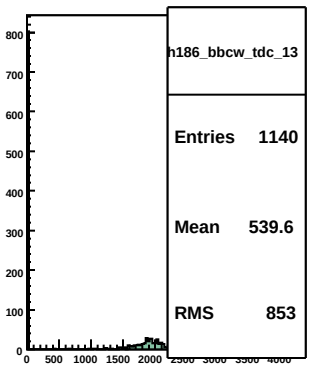
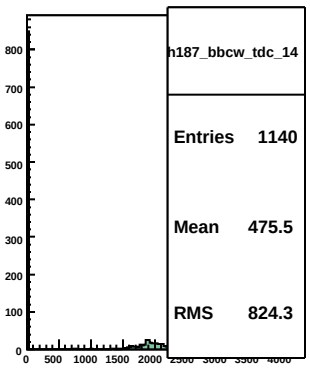
Mean 968.5
RMS 954.6


h186_bbcw_tdc_13
Entries 1140
Mean 539.6
RMS 853


h187_bbcw_tdc_14
Entries 1140
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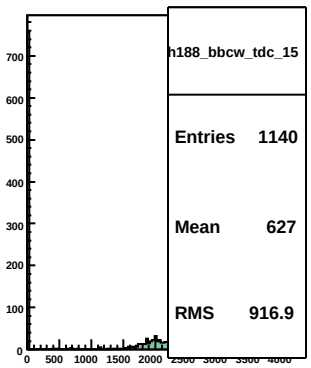
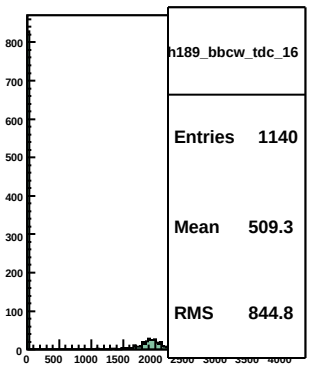
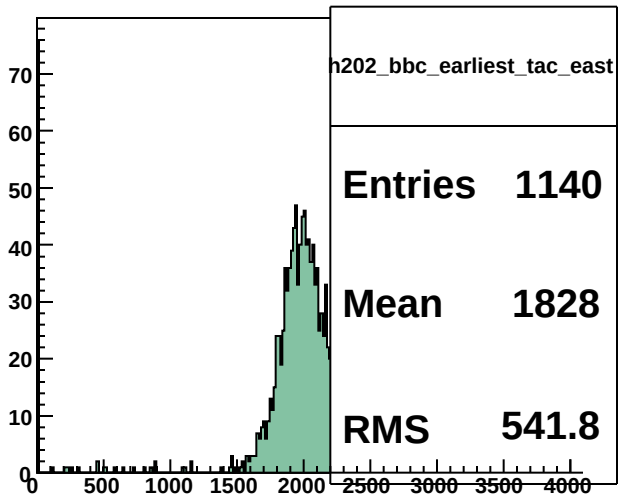
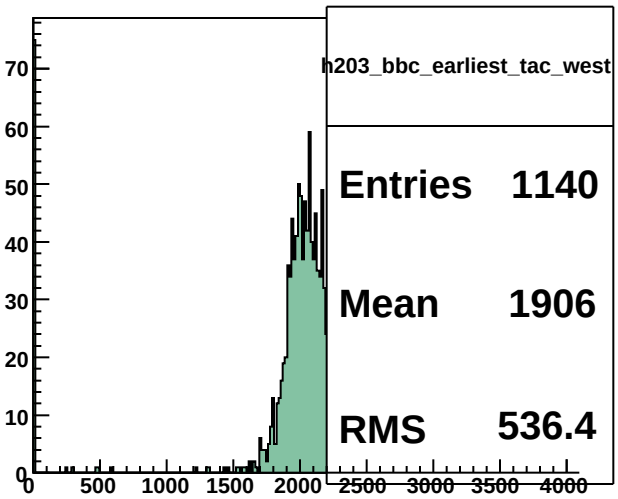
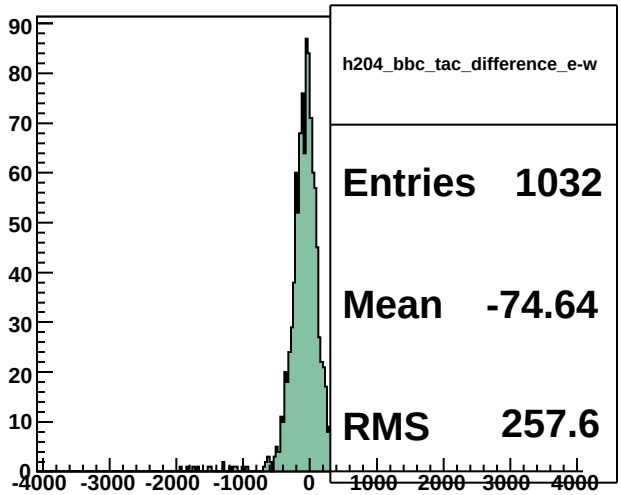
RMS 824.3


h188_bbcw_tdc_15
Entries 1140
Mean 627
RMS 916.9


h189_bbcw_tdc_16
Entries 1140
Mean 509.3
RMS 844.8


h202_bbc_earliest_tac_east
Entries 1140
Mean 1828
RMS 541.8


h203_bbc_earliest_tac_west
Entries 1140
Mean 1906
RMS 536.4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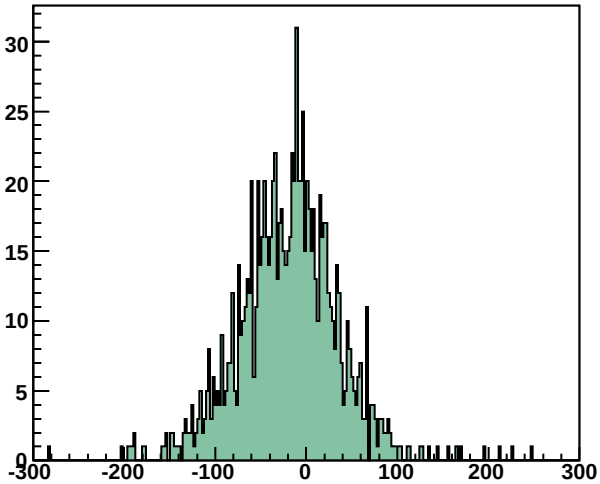
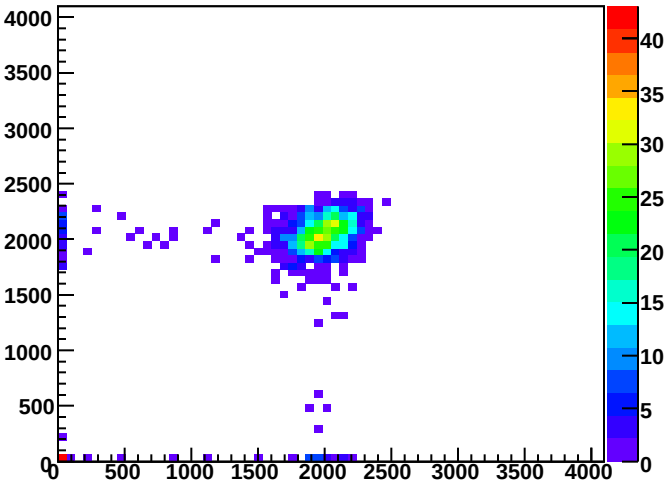
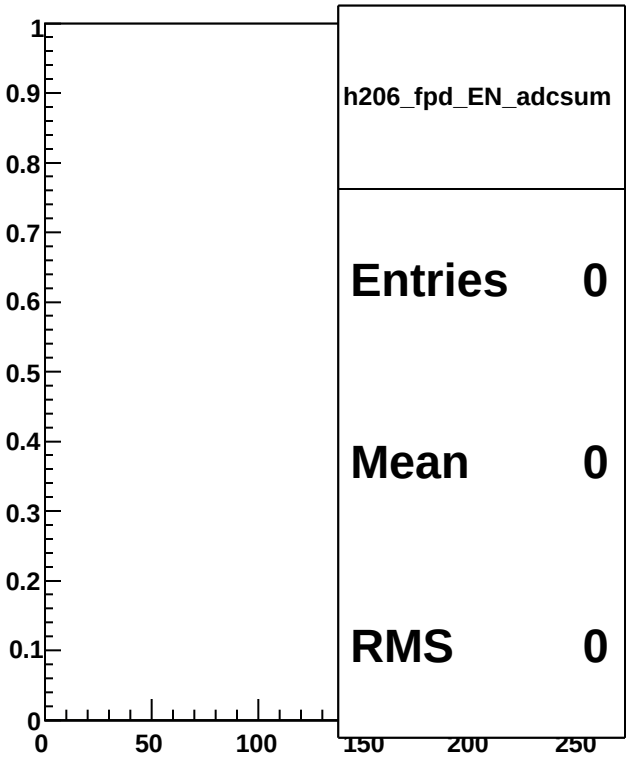
Entries 1032
Mean -74.64
RMS 257.6



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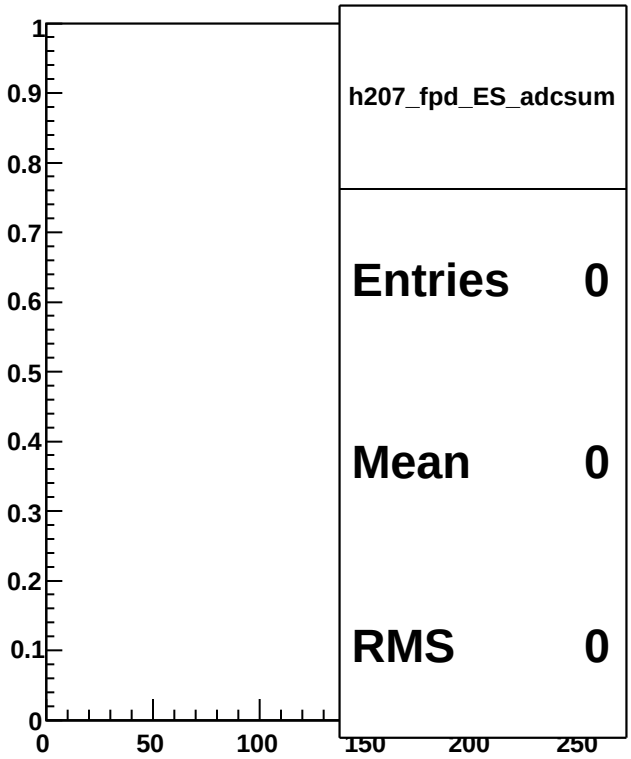
Entries 0
Mean 0
RMS 0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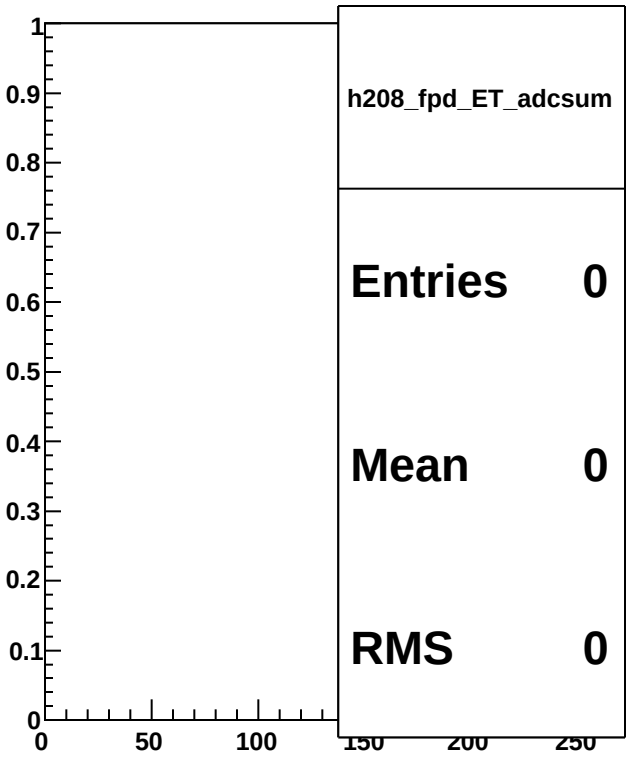
Entries 0
Mean 0
RMS 0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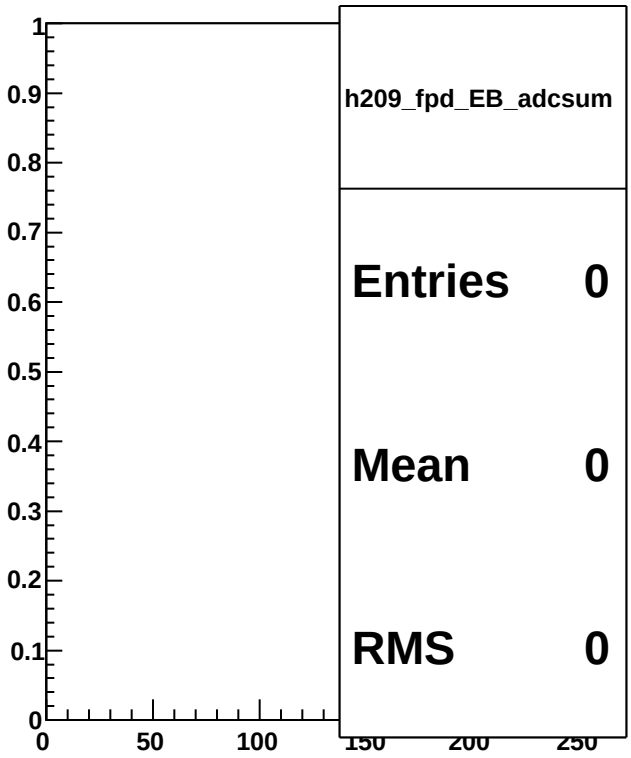
RMS 0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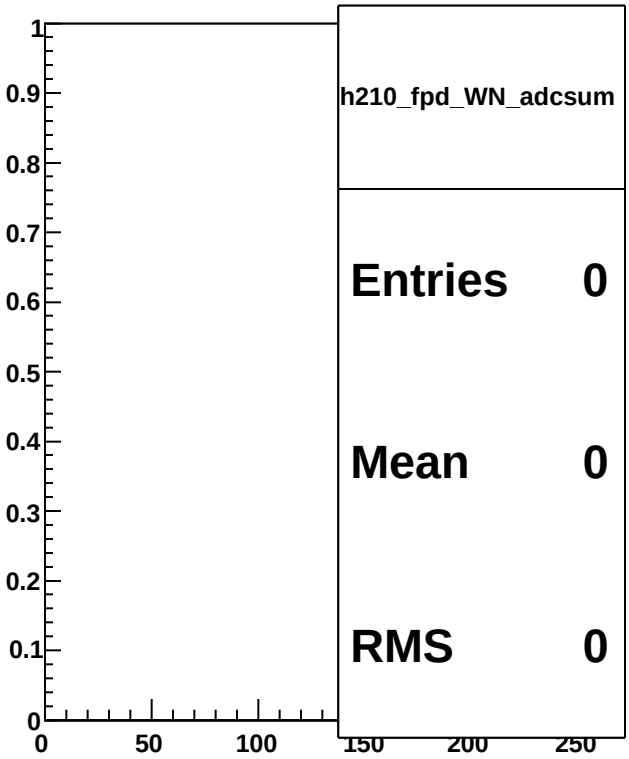
RMS 0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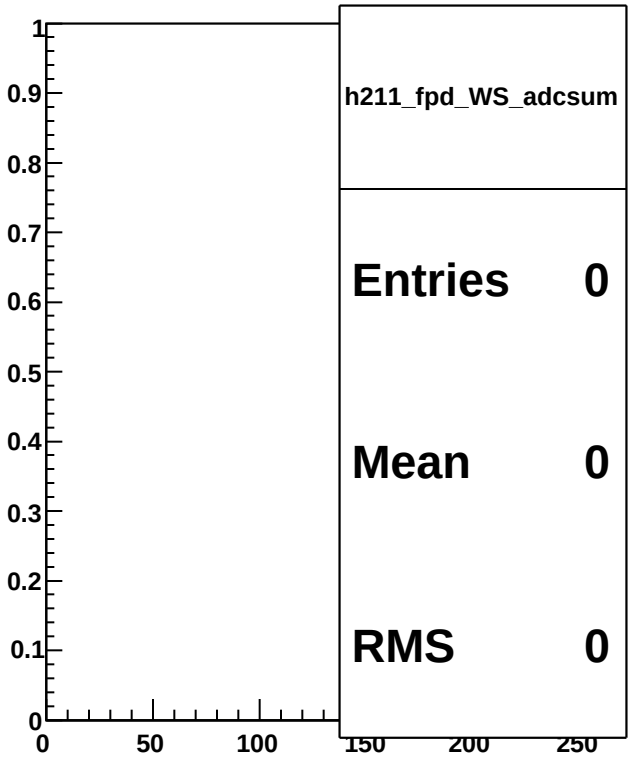
RMS 0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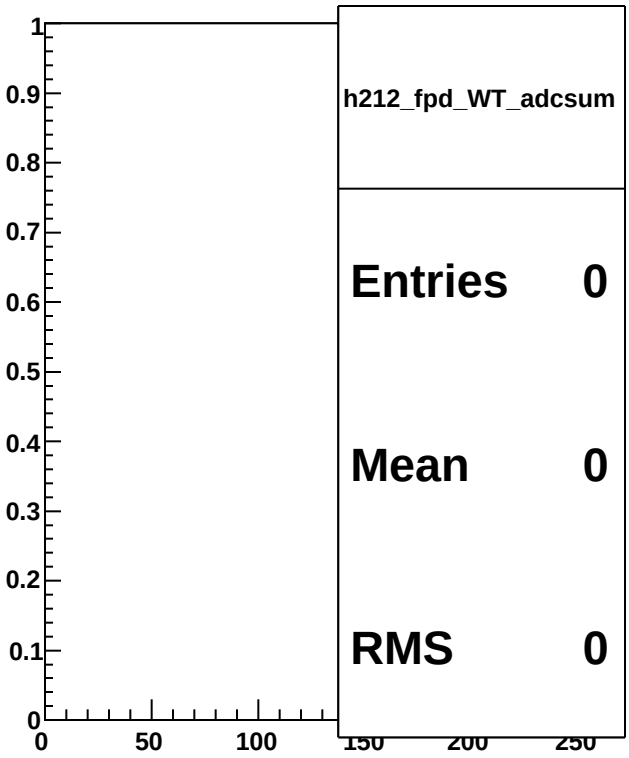
RMS 0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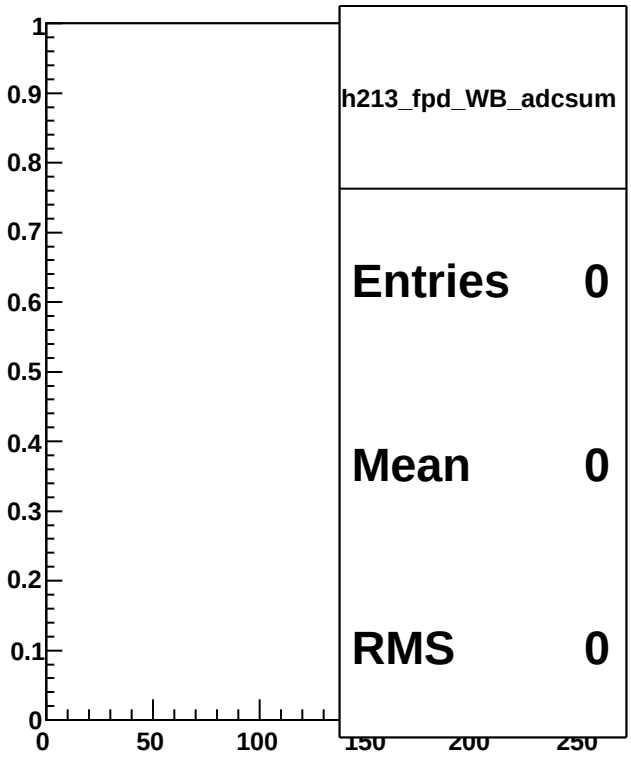
RMS 0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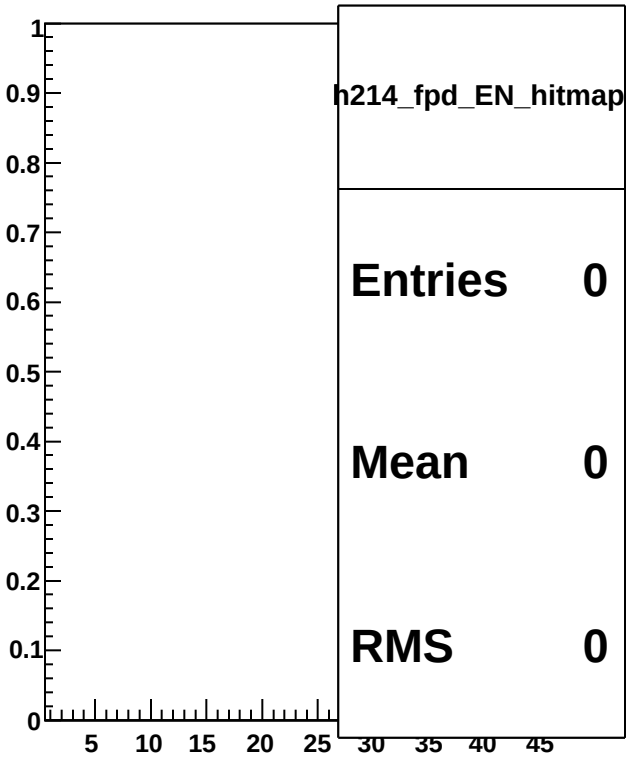
Mean 0
RMS 0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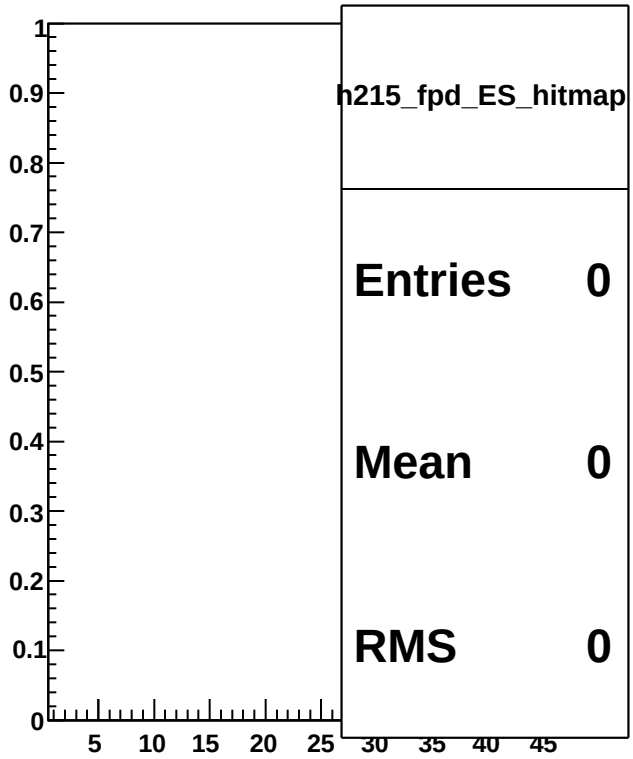
RMS 0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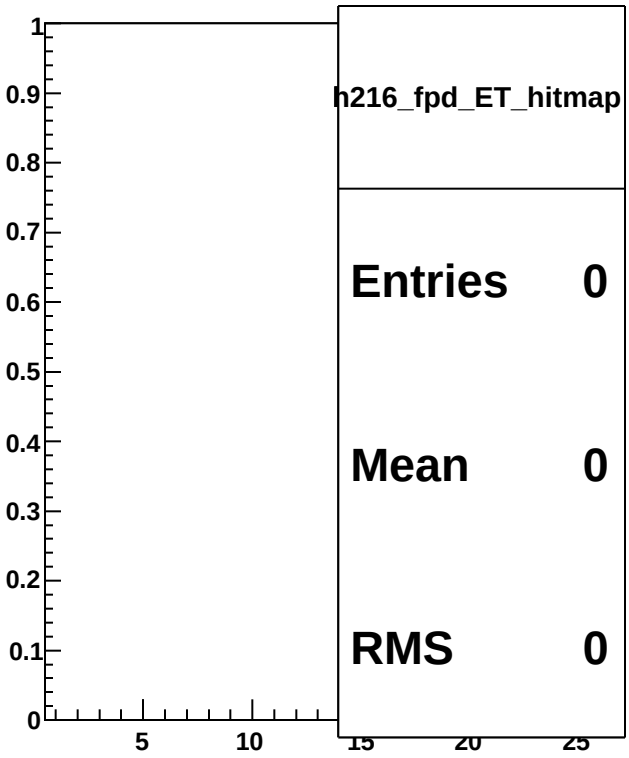
Mean 0
RMS 0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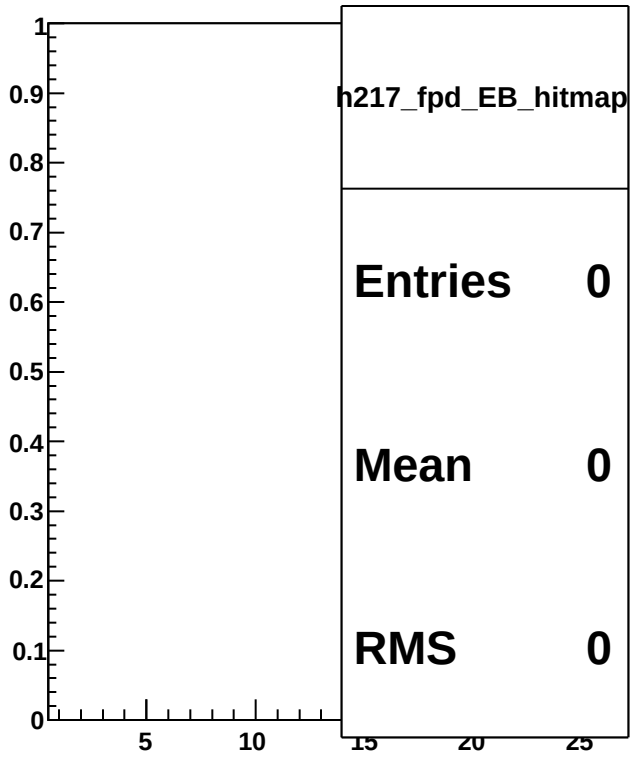
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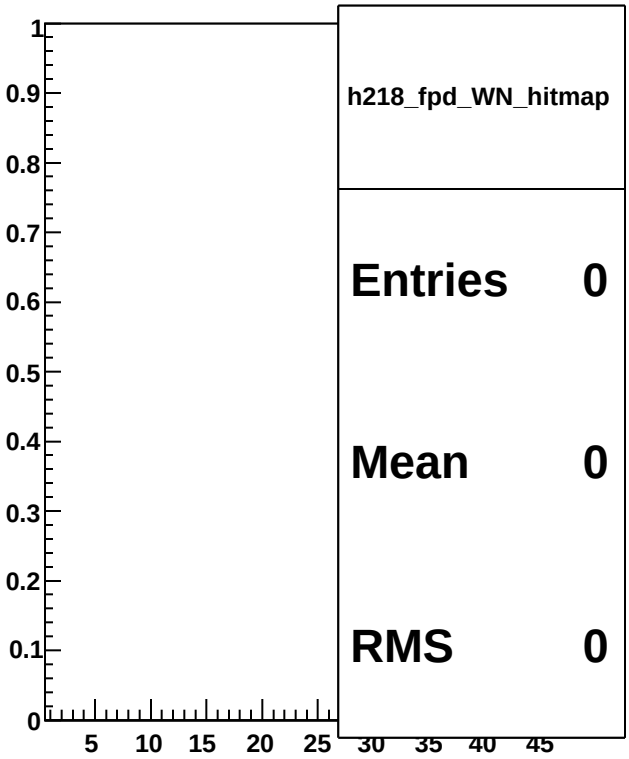
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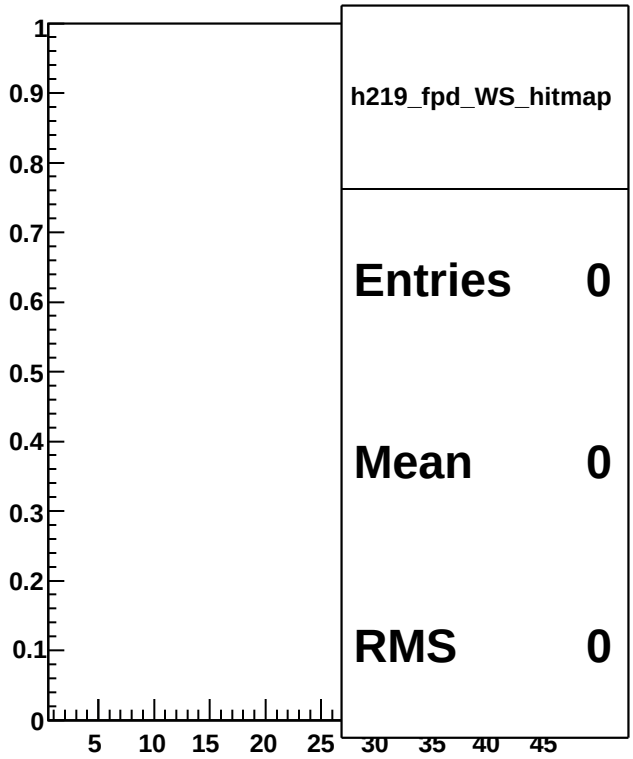
RMS 0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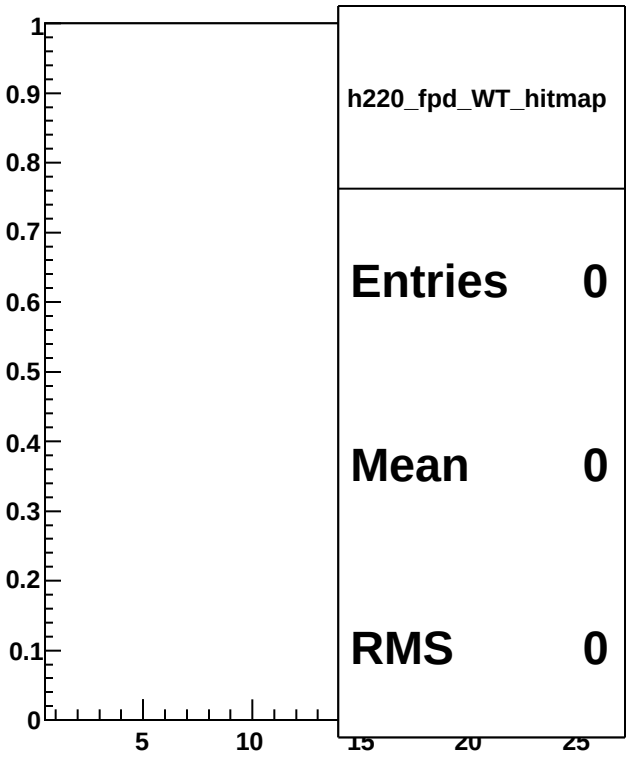
RMS 0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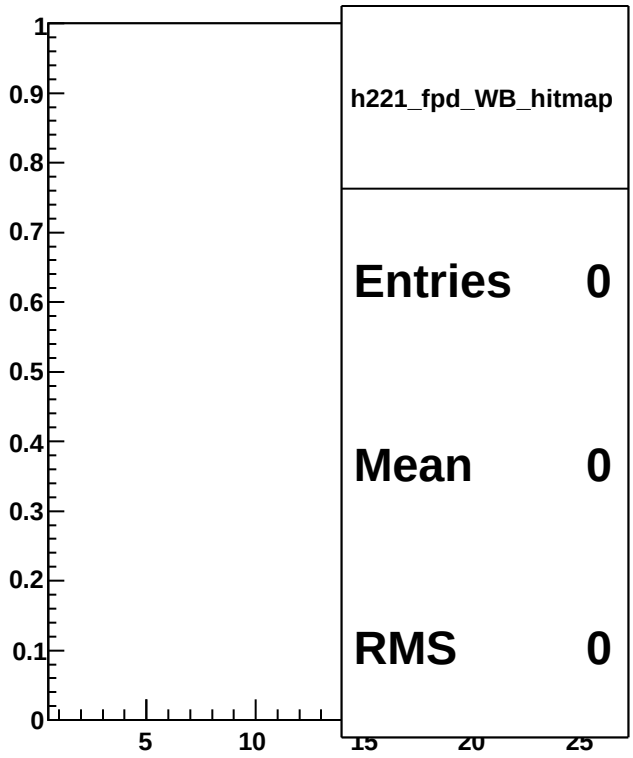
RMS 0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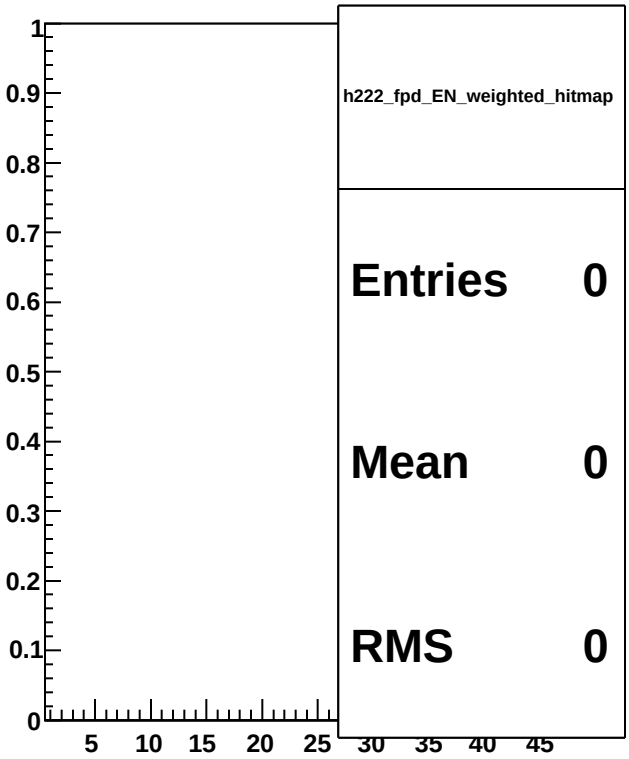
Mean 0
RMS 0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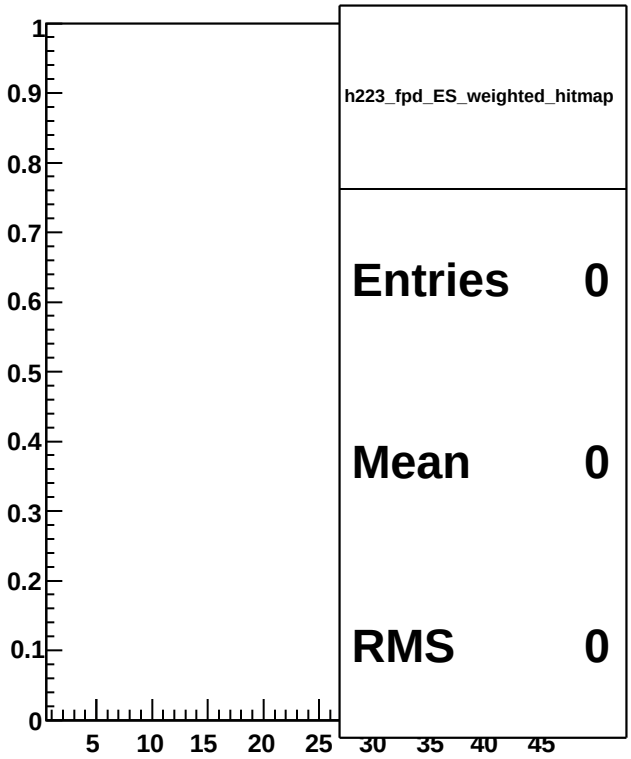
Mean 0
RMS 0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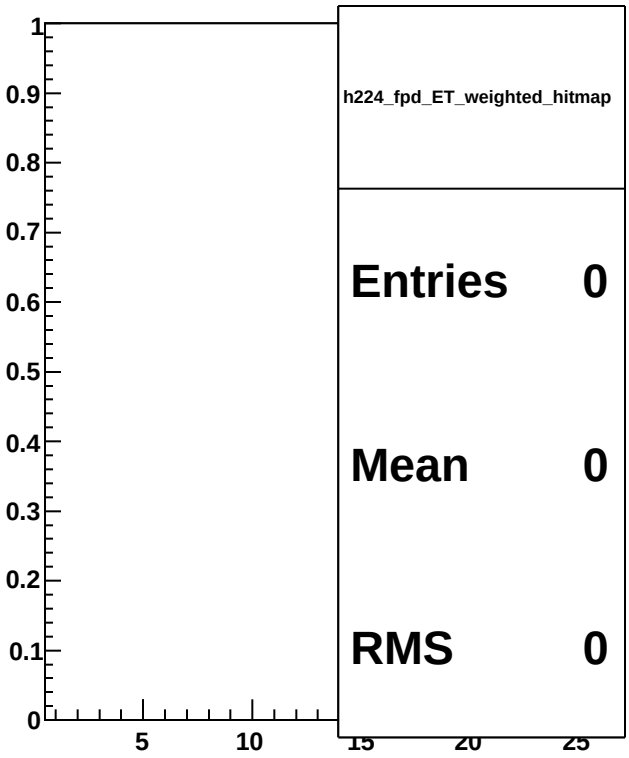
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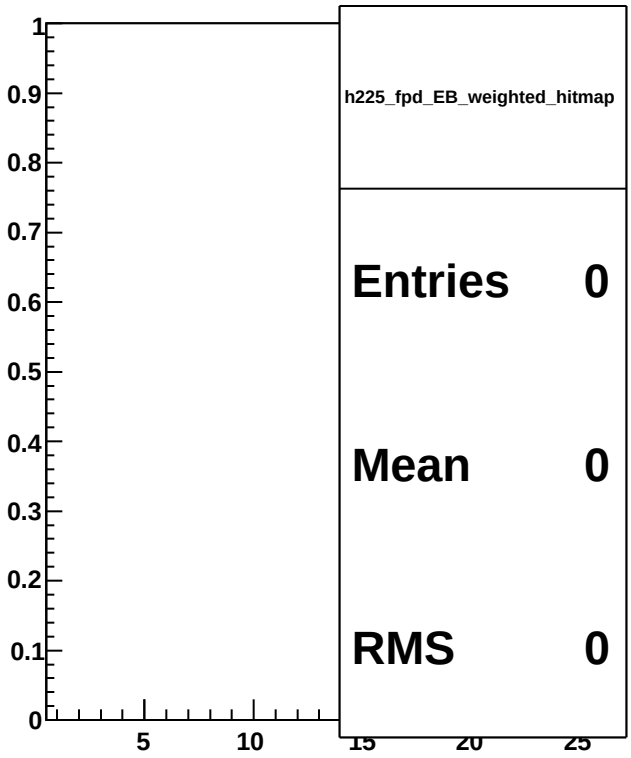
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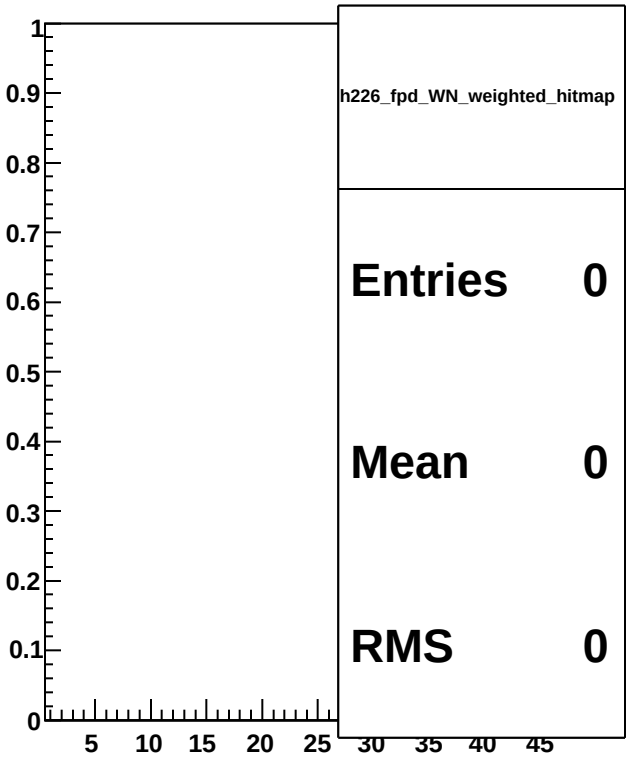
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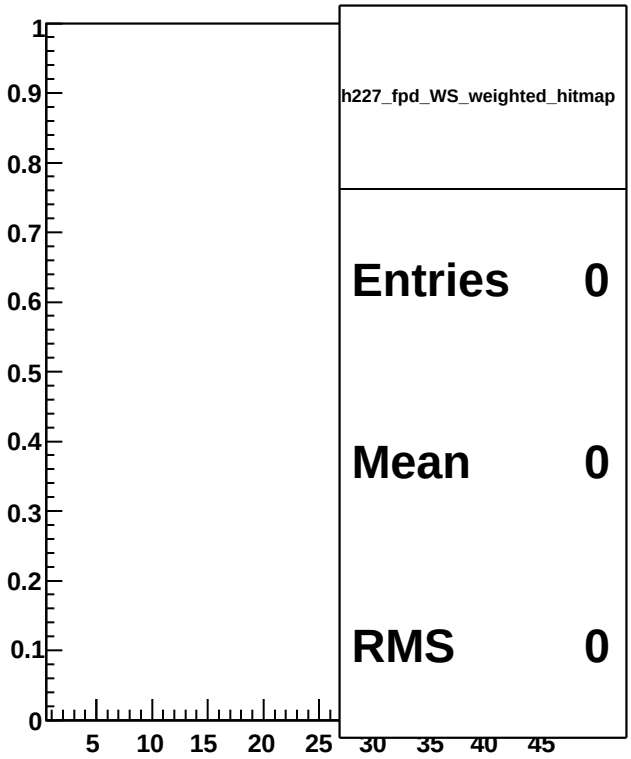
Mean 0
RMS 0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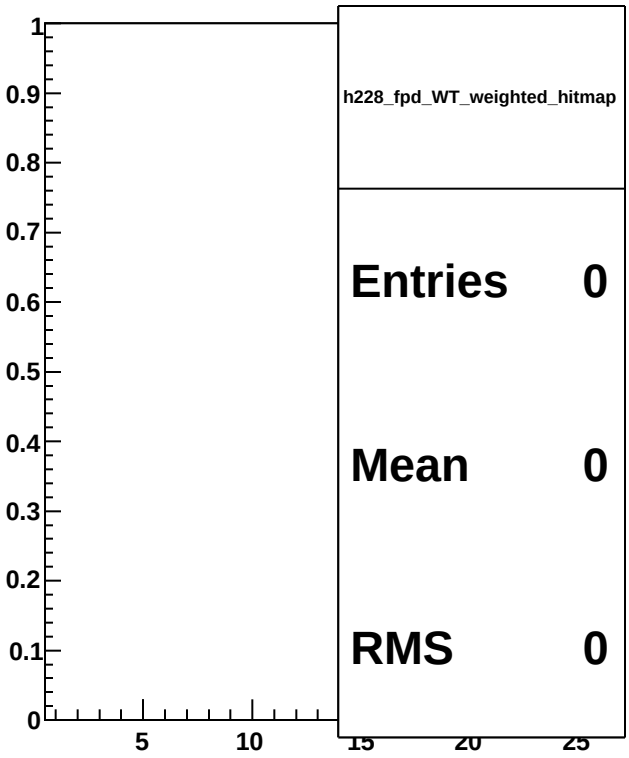
RMS 0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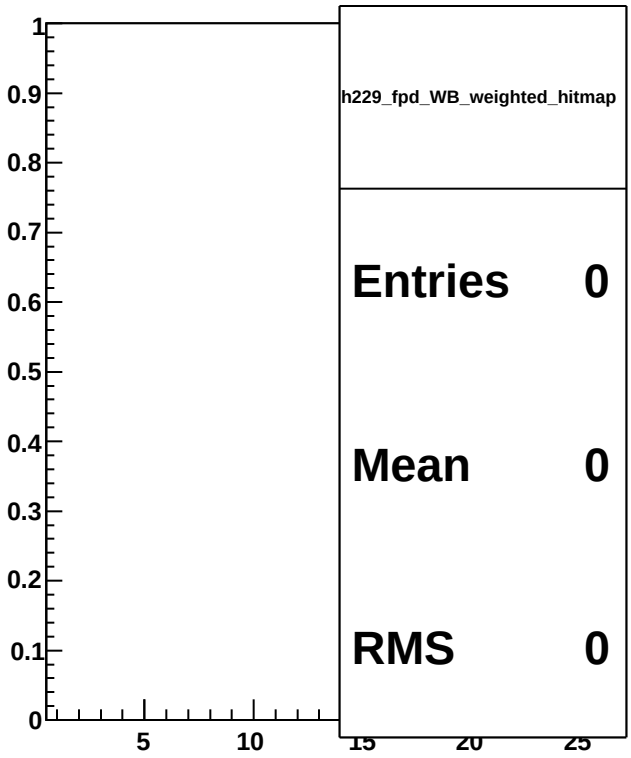
Mean 0
RMS 0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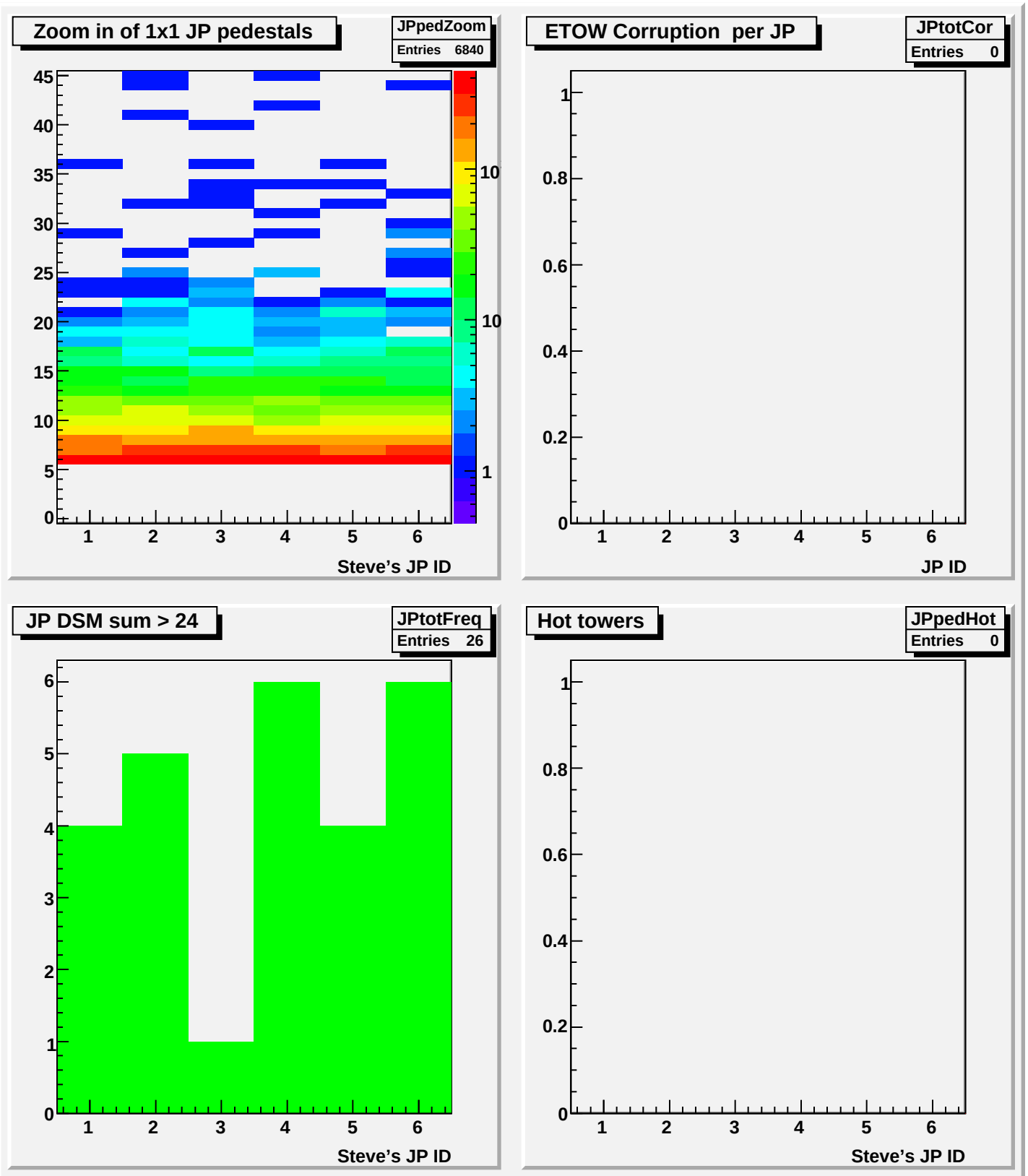

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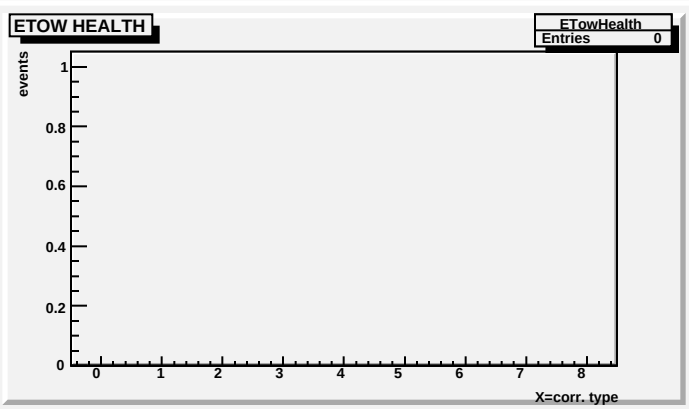
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events
X=corr. type

ETOW head corr
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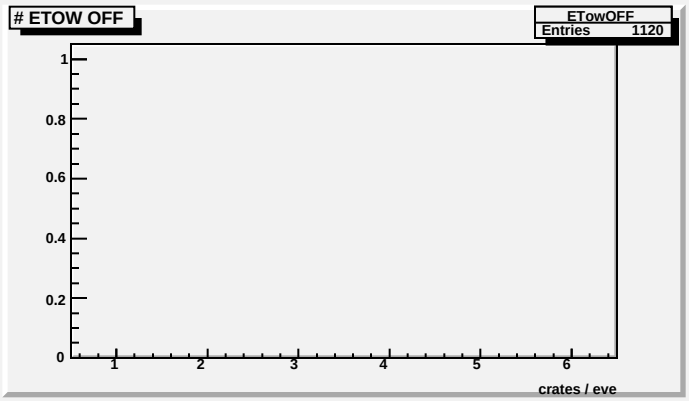
Entries 1120
crates / eve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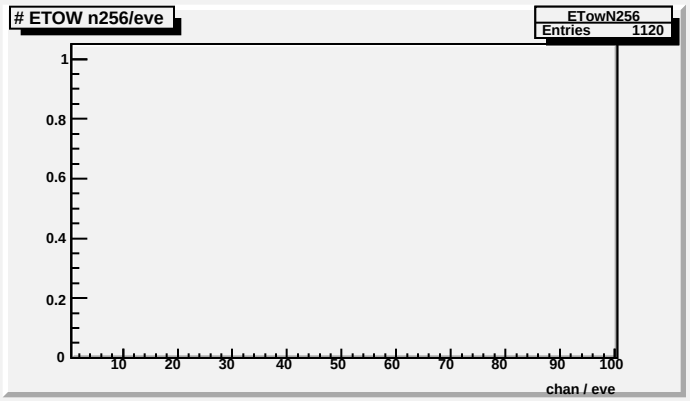
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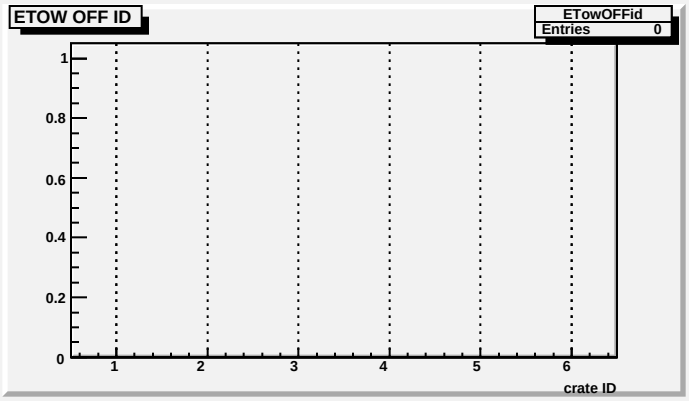
chan / eve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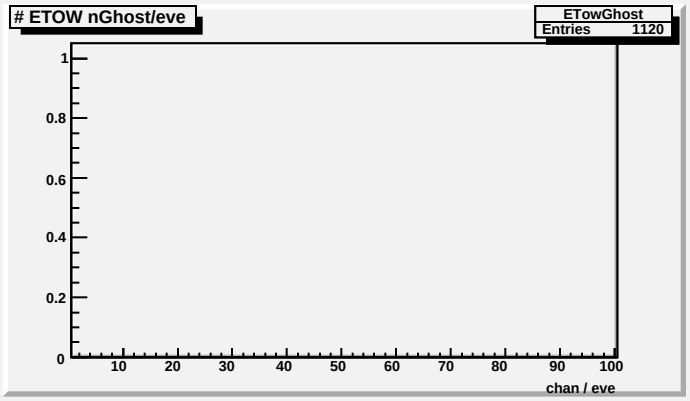
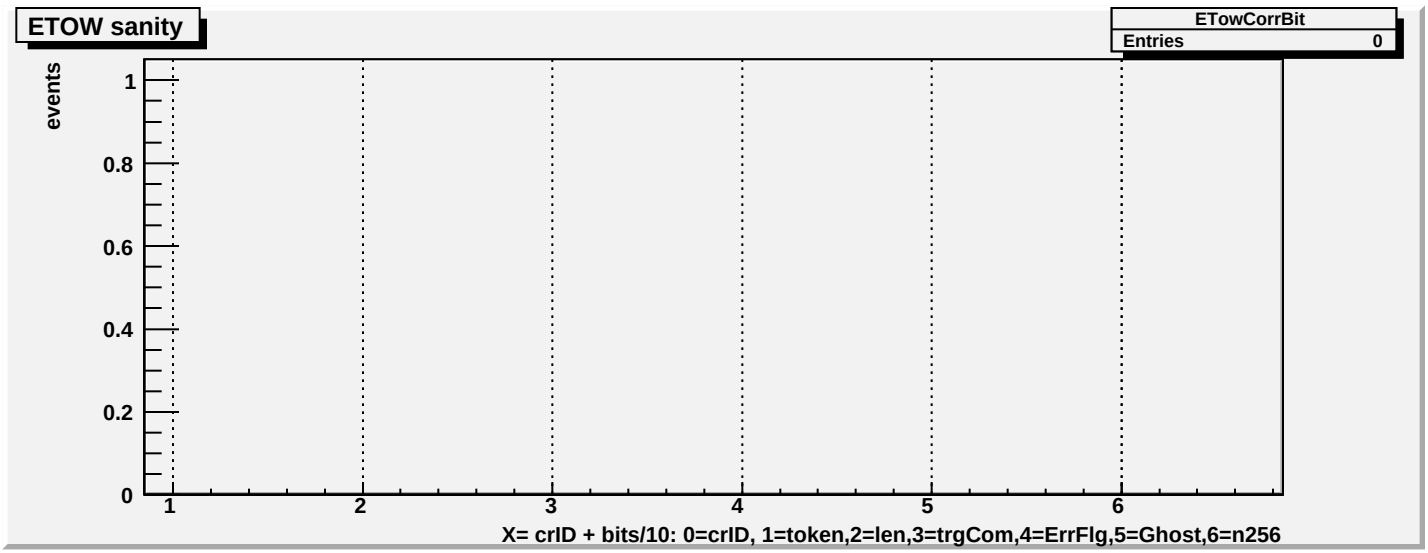
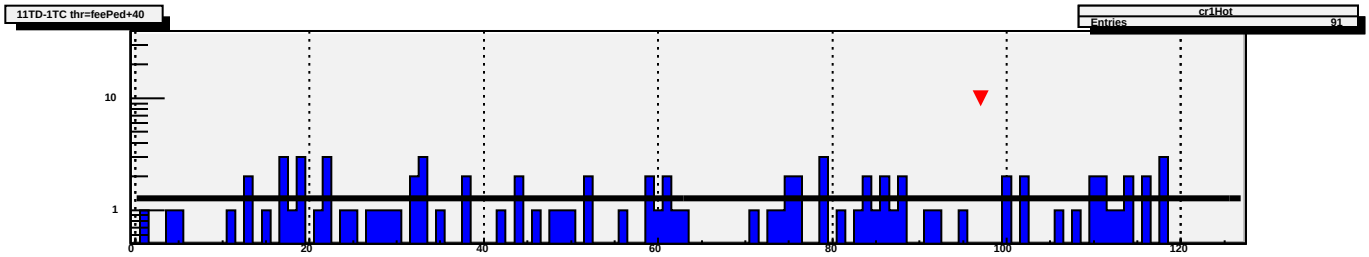
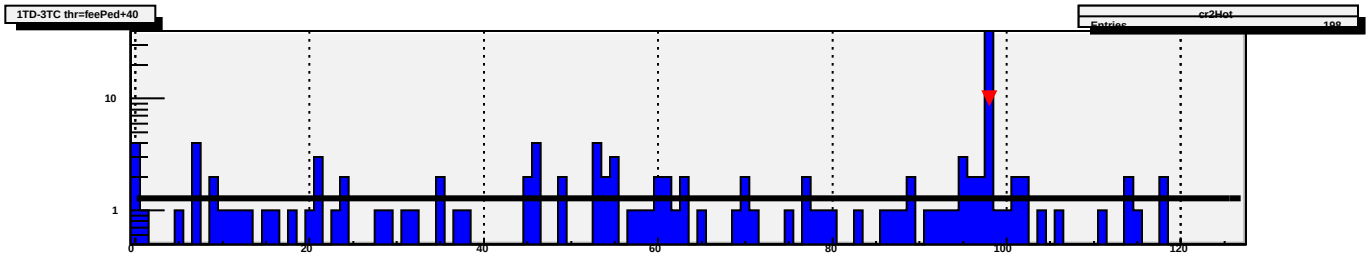
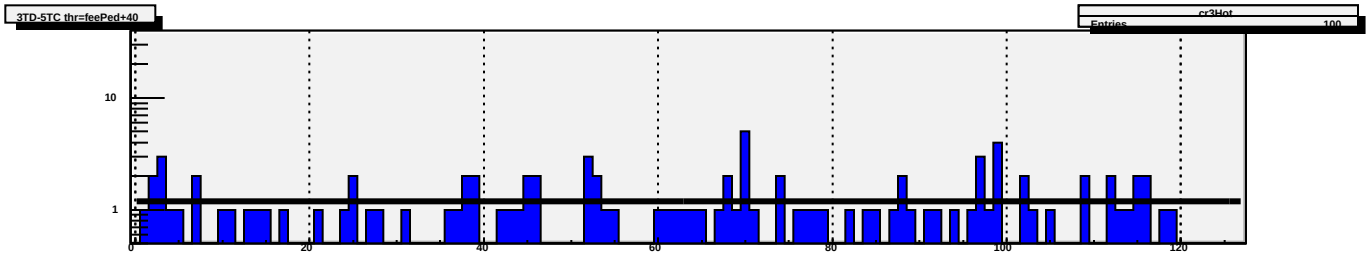
Entries 0
crate ID

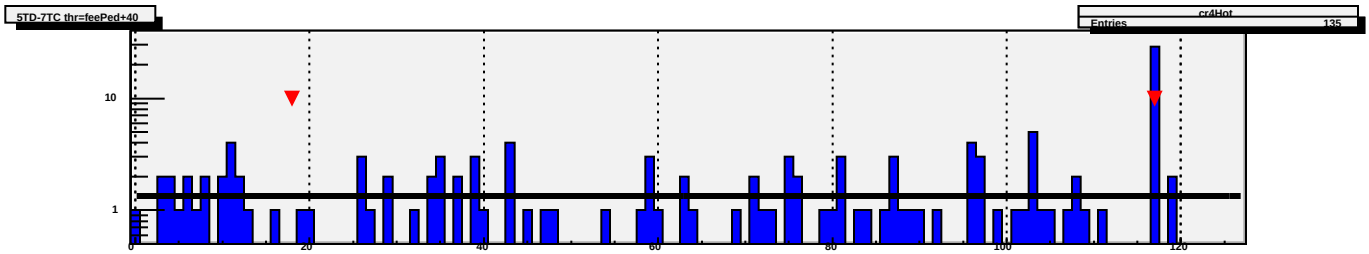

ETOW nGhost/eve
ETowGhost
Entries 1120
chan / eve

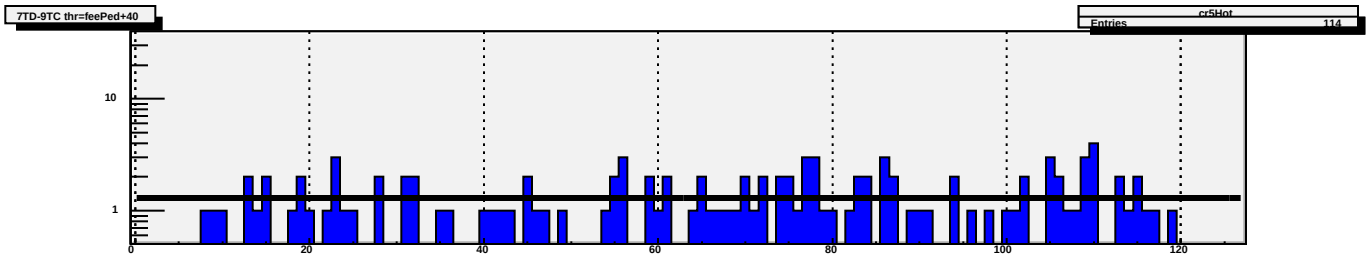

ETOW sanity
ETowCorrBit
Entries 0
events
X= crID + bits/10: 0=crID, 1=token,2=len,3=trgCom,4=ErrFlg,5=Ghost,6=n256

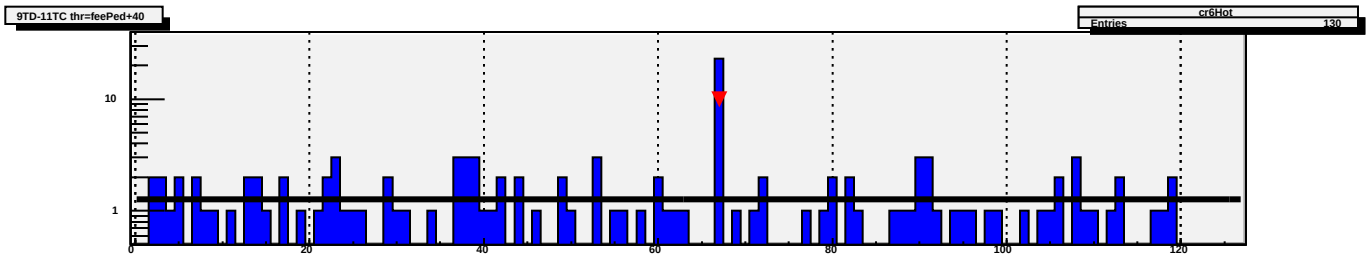

11TD-1TC thr=feePed+40
cr1Hot
Entries 91
10
1
0
20
40
60
80
100
120

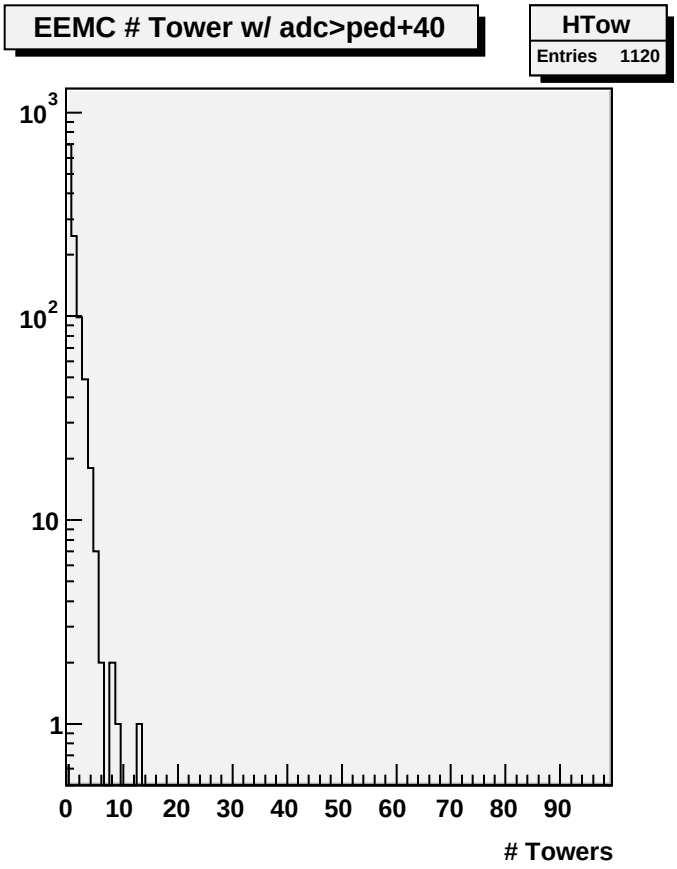

1TD-3TC thr=feePed+40
cr2Hot
Entries 188
10
1
0
20
40
60
80
100
120

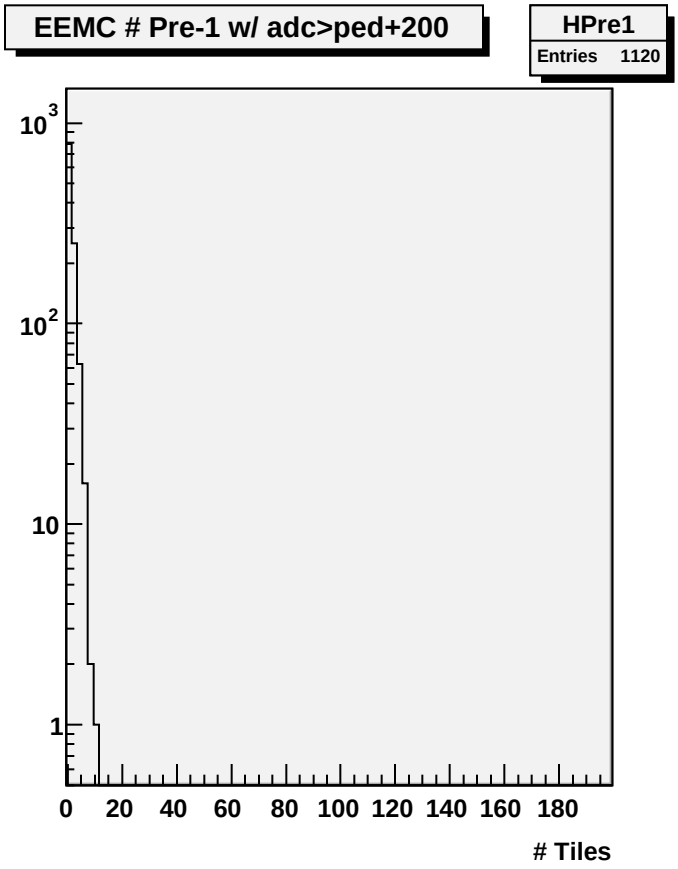

3TD-5TC thr=feePed+40
cr3Hot
Entries 100
10
1
0
20
40
60
80
100
120

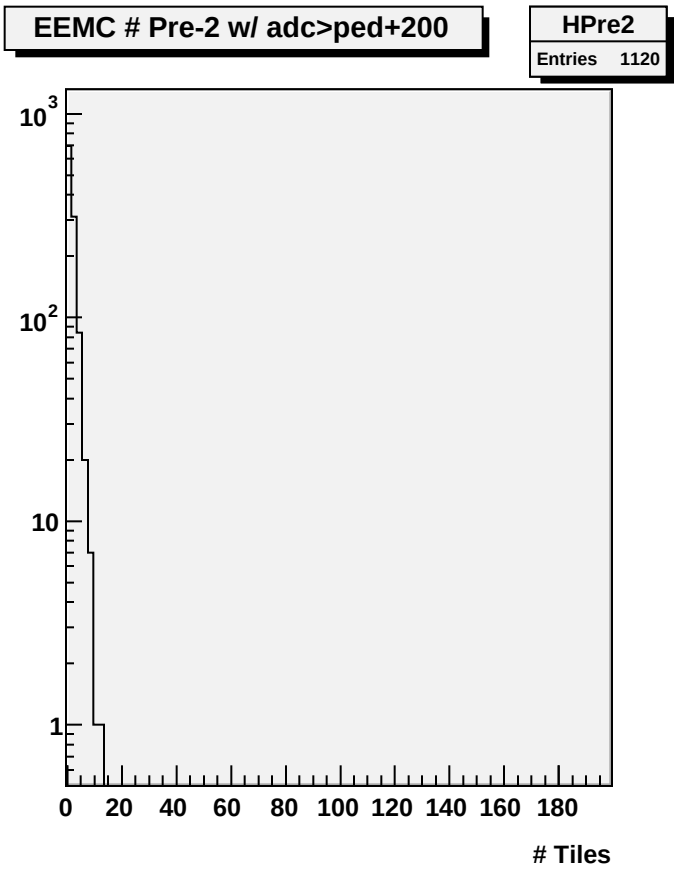

5TD-7TC thr=feePed+40
cr4Hot
Entries 135
10
1
0
20
40
60
80
100
120

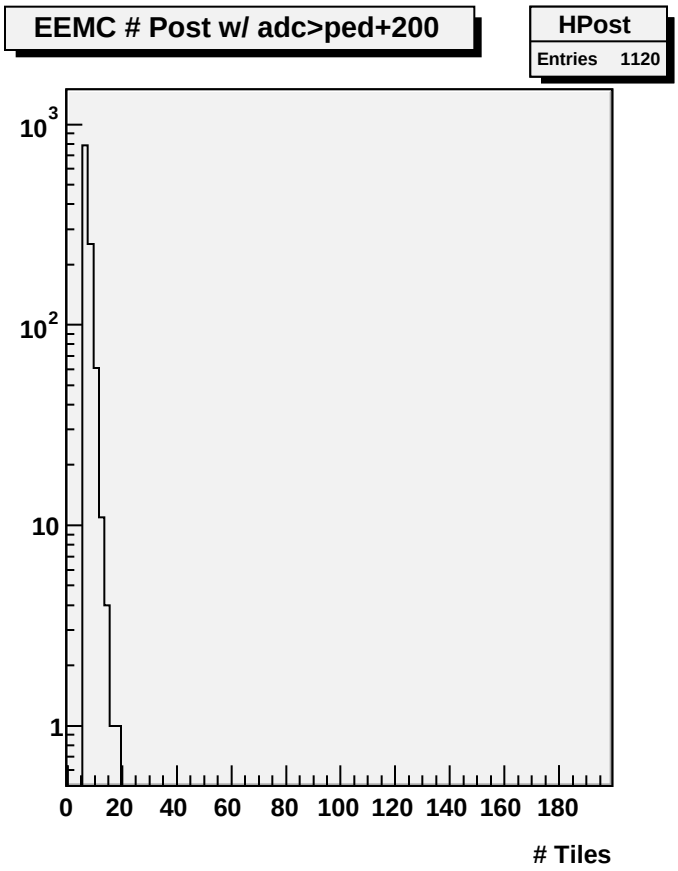

7TD-9TC thr=feePed+40
cr5Hot
Entries 114
10
1
0
20
40
60
80
100
120

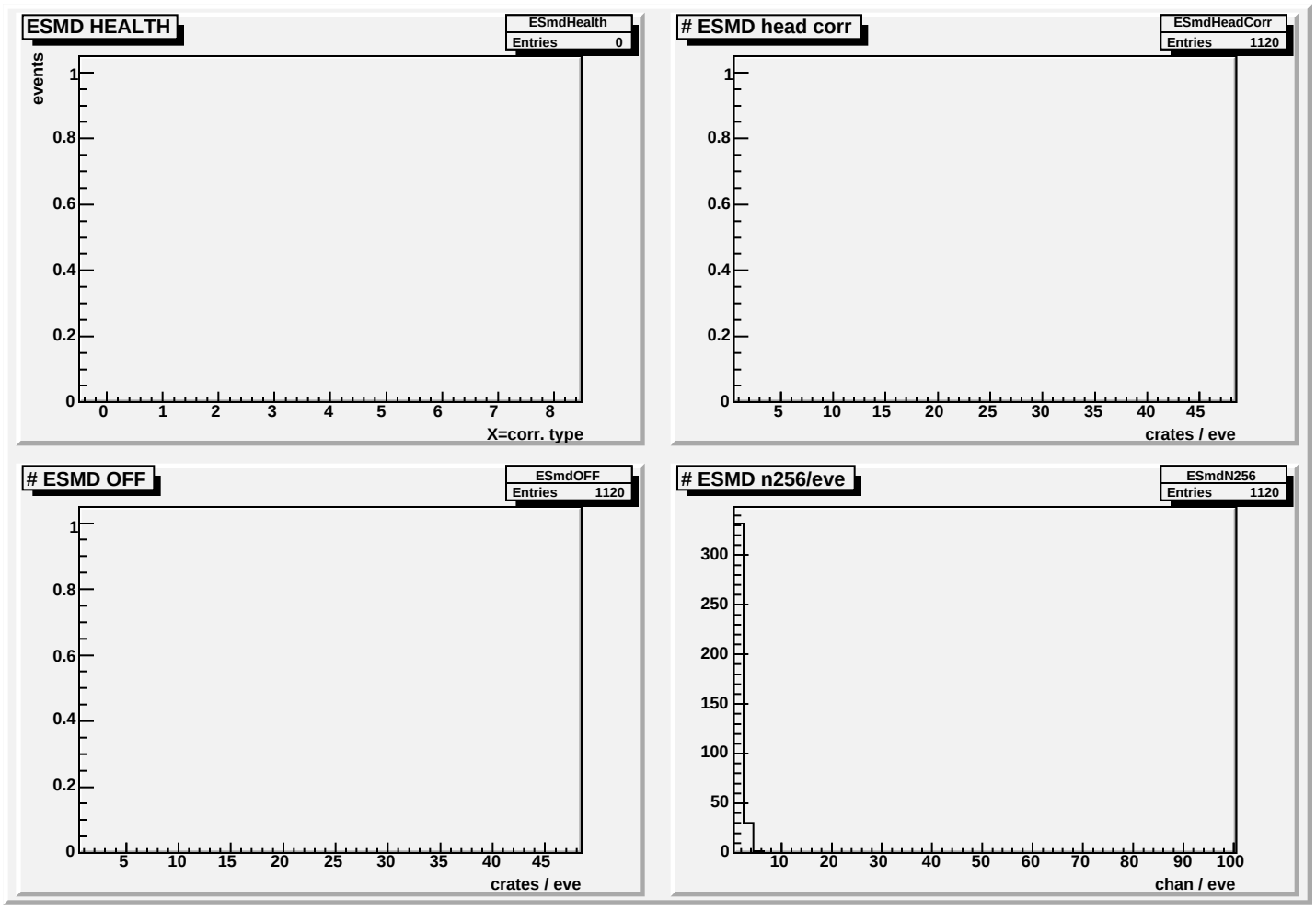

9TD-11TC thr=feePed+40
cr6Hot
Entries 130
10
1
0
20
40
60
80
100
120

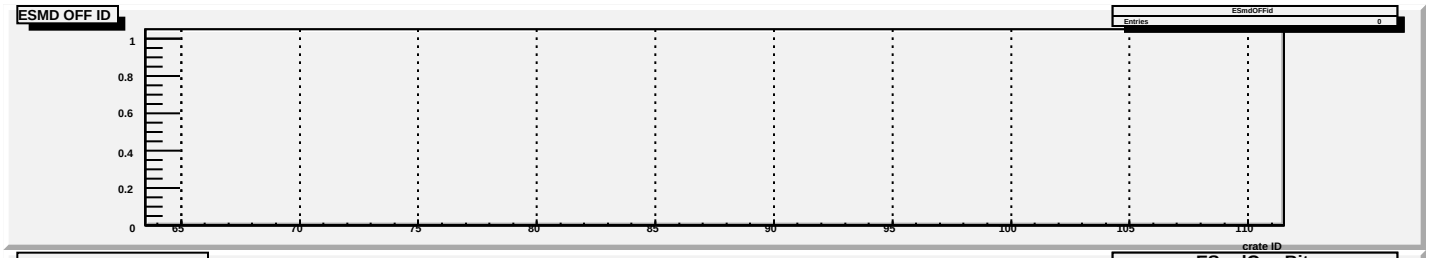

EEMC # Tower w/ adc>ped+40
HTow
Entries 1120
10^3
10^2
10
1
0 10 20 30 40 50 60 70 80 90
Towers

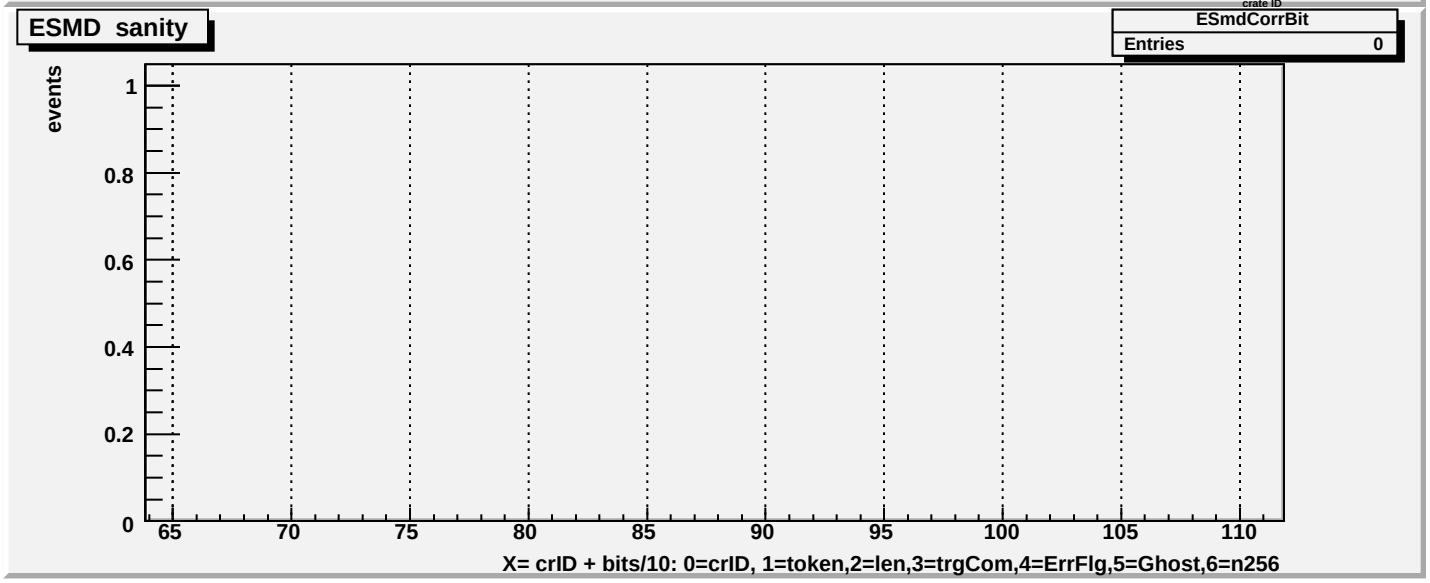

EEMC # Pre-1 w/ adc>ped+200
HPre1
Entries 1120
10^3
10^2
10
1
0 20 40 60 80 100 120 140 160 180
Tiles

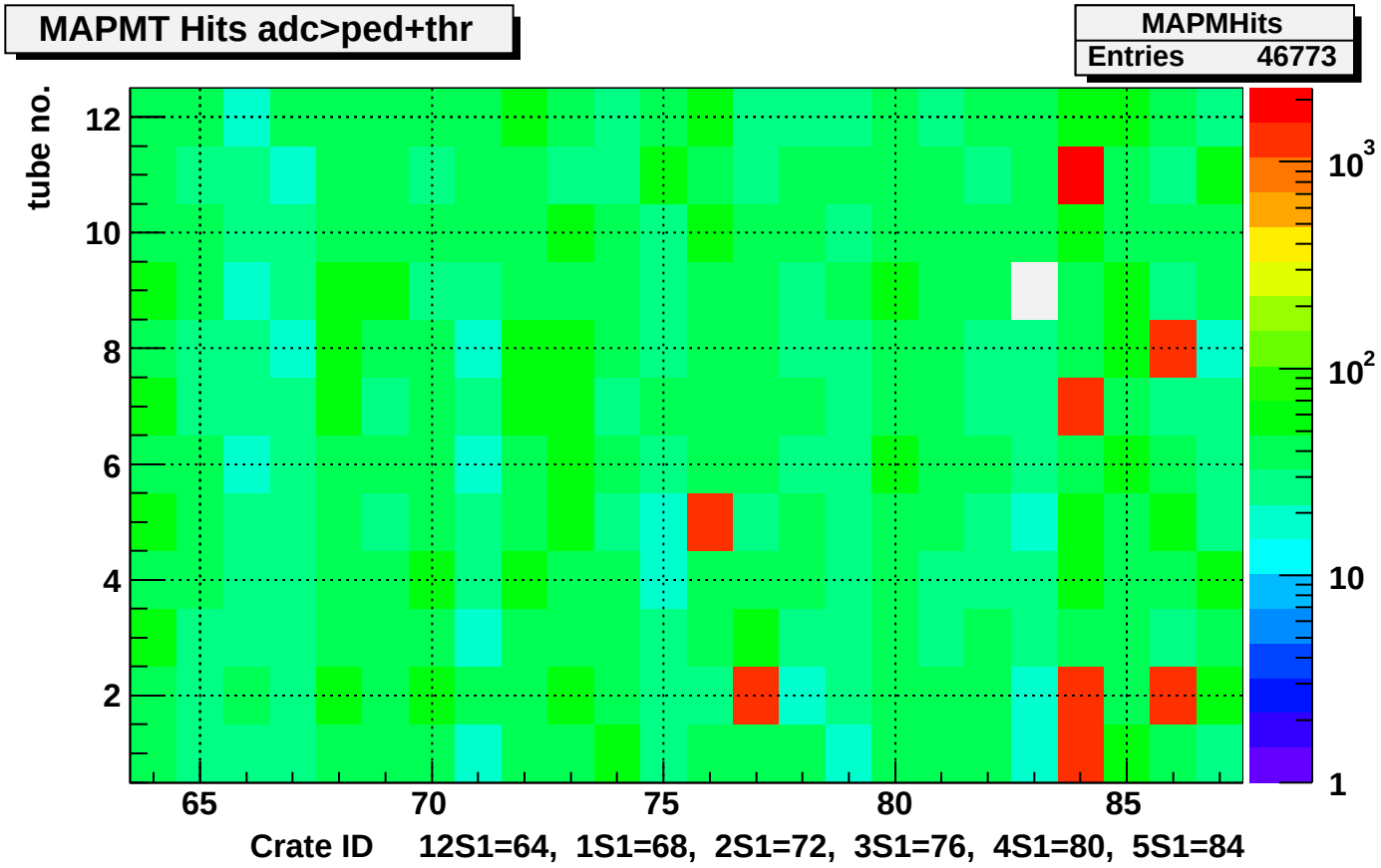

EEMC # Pre-2 w/ adc>ped+200
HPre2
Entries 1120
10^3
10^2
10
1
0 20 40 60 80 100 120 140 160 180
Tiles

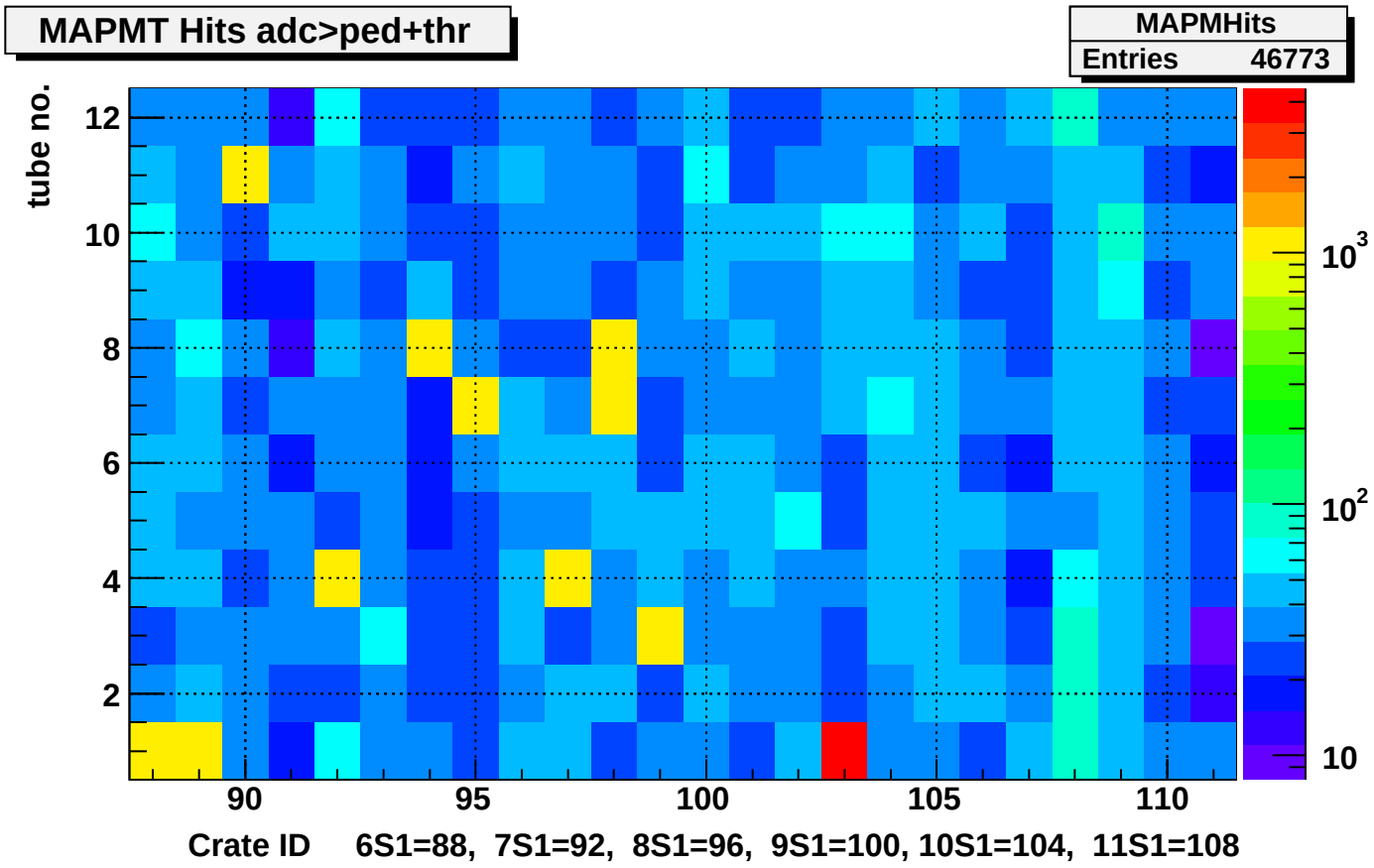

EEMC # Post w/ adc>ped+200
HPost
Entries 1120
10^3
10^2
10
1
0 20 40 60 80 100 120 140 160 180
Tiles

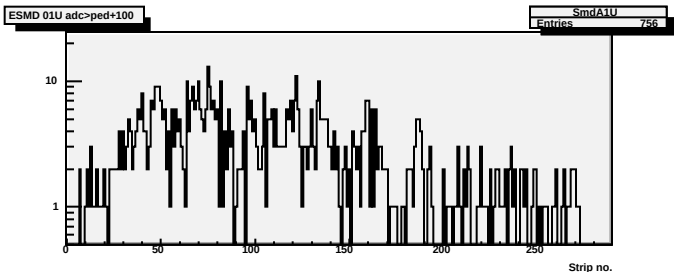

ESMD HEALTH
ESmdHealth
Entries 0
events
X=corr. type
# ESMD head corr
ESmdHeadCorr
Entries 1120
crates / eve
ESMD OFF
ESmdOFF
Entries 1120
crates / eve
ESMD n256/eve
ESmdN256
Entries 1120
chan / eve

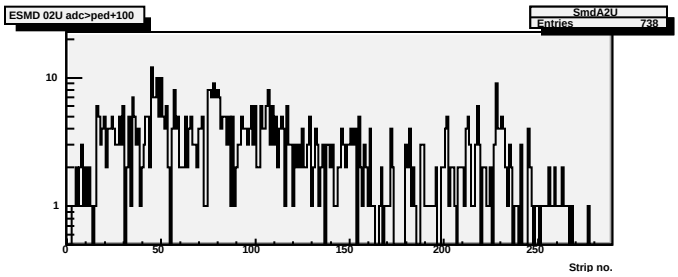

ESMD OFF ID
ESmdOFFid
Entries 0
crate ID

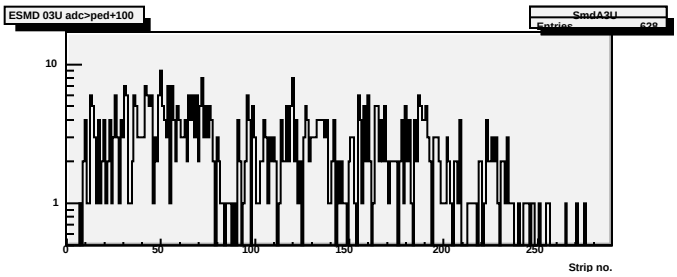

ESMD sanity
ESmdCorrBit
Entries 0
events
X= crID + bits/10: 0=crID, 1=token,2=len,3=trgCom,4=ErrFlg,5=Ghost,6=n256

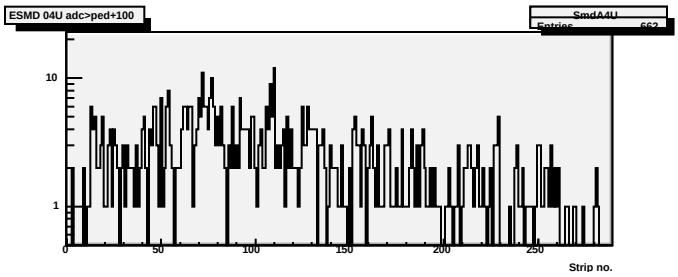

MAPMT Hits adc>ped+thr
MAPMHits
Entries 46773
tube no.
12
10
8
6
4
2
65
70
75
80
85
Crate ID 12S1=64, 1S1=68, 2S1=72, 3S1=76, 4S1=80, 5S1=84
10^3
10^2
10
1

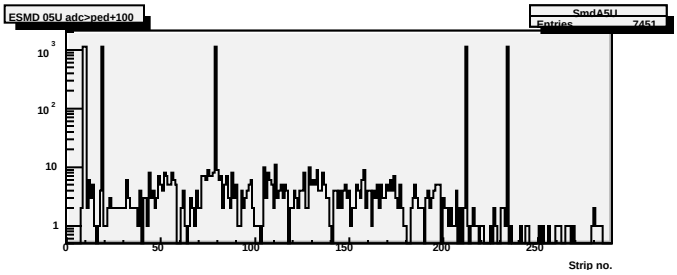

MAPMT Hits adc>ped+thr
MAPMHits
Entries 46773
tube no.
12
10
8
6
4
2
90
95
100
105
110
Crate ID 6S1=88, 7S1=92, 8S1=96, 9S1=100, 10S1=104, 11S1=108
10^3
10^2
10

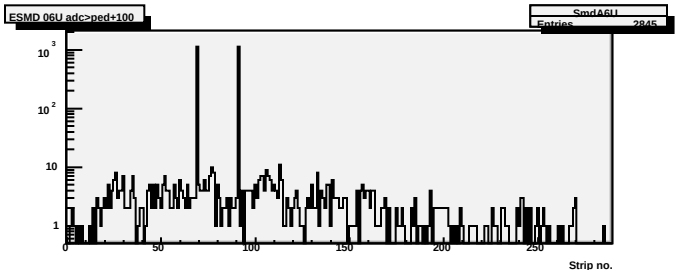

ESMD 01U adc>ped+100
SmdA1U
Entries 756
Strip no.

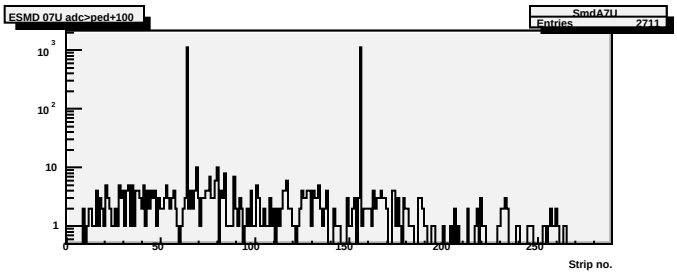

ESMD 02U adc>ped+100
SmdA2U
Entries 738
Strip no.

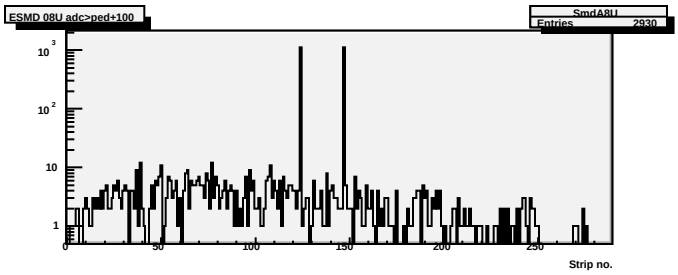

ESMD 03U adc>ped+100
SmdA3U
Entries 638
Strip no.

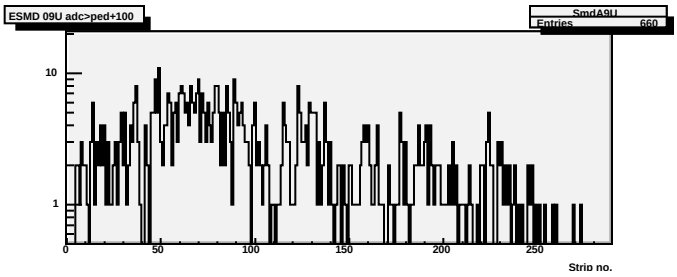

ESMD 04U adc>ped+100
SmdA4U
Entries 662
Strip no.

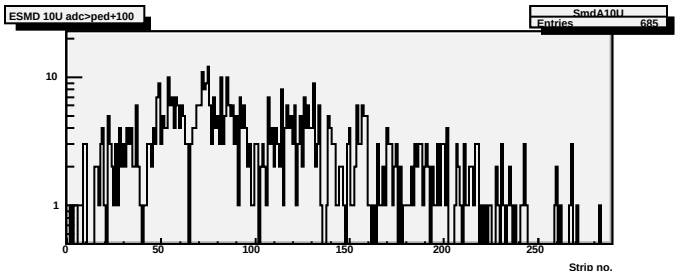

ESMD 05U adc>ped+100
SmdA5U
Entries 7451
Strip no.

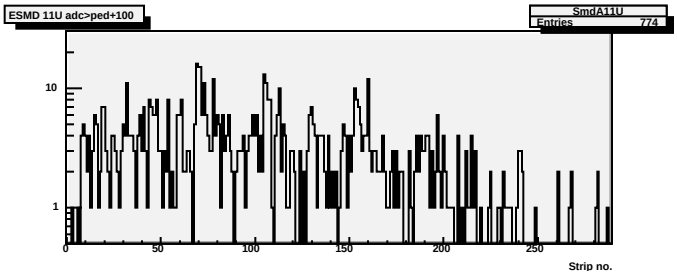

ESMD 06U adc>ped+100
SmdA6U
Entries 2845
Strip no.

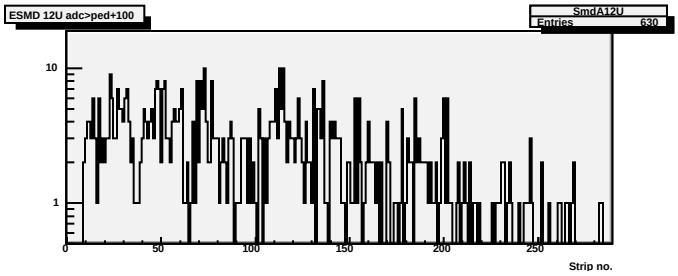

ESMD 07U adc>ped+100
SmdA7U
Entries 2711
Strip no.

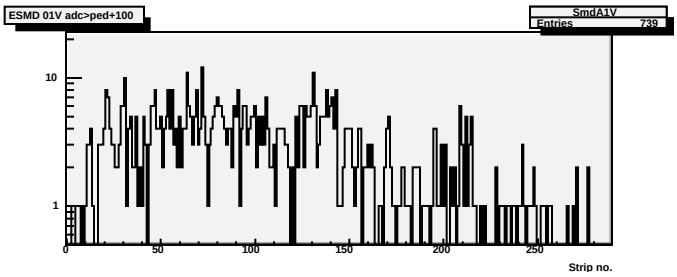

ESMD 08U adc>ped+100
SmdA8U
Entries 2930
Strip no.

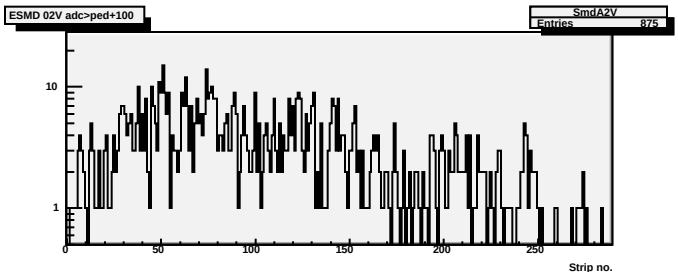

ESMD 09U adc>ped+100
SmdA9U
Entries 660
Strip no.

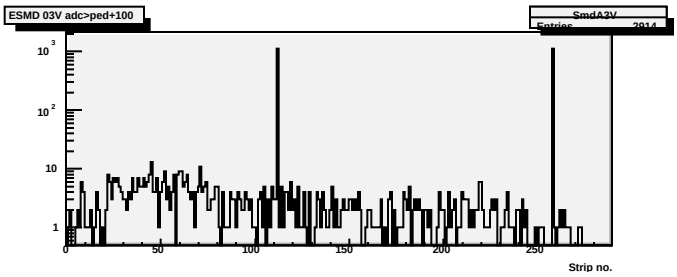

ESMD 10U adc>ped+100
SmdA10U
Entries 685
Strip no.

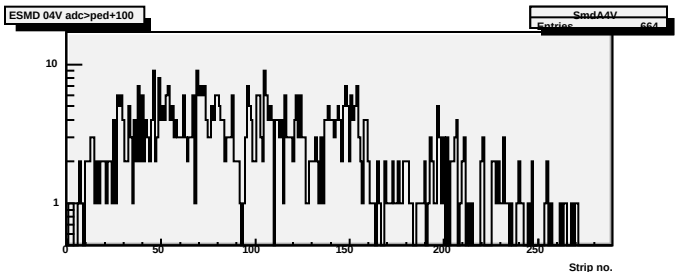

ESMD 11U adc>ped+100
SmdA11U
Entries 774
Strip no.

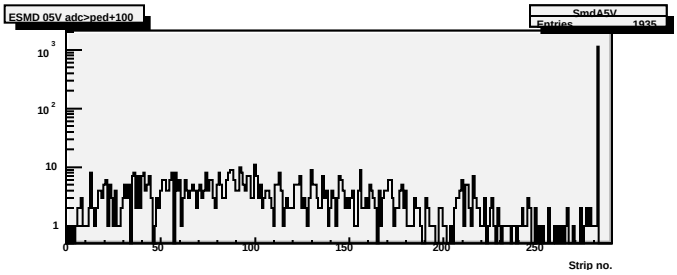

ESMD 12U adc>ped+100
SmdA12U
Entries 630
Strip no.

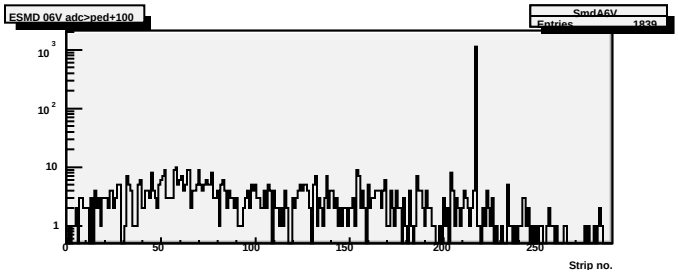

ESMD 01V adc>ped+100
SmdA1V
Entries 739
Strip no.

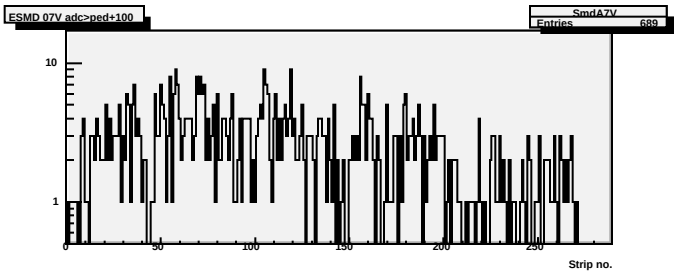

ESMD 02V adc>ped+100
SmdA2V
Entries 875
Strip no.

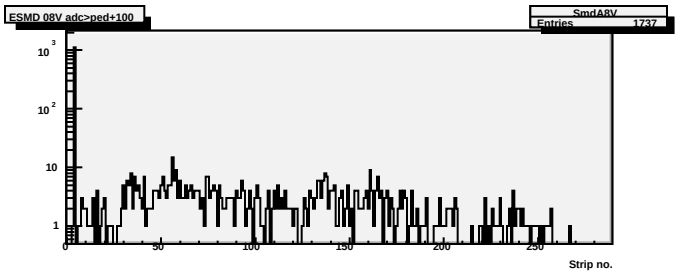

ESMD 03V adc>ped+100
SmdA3V
Entries 2914
Strip no.

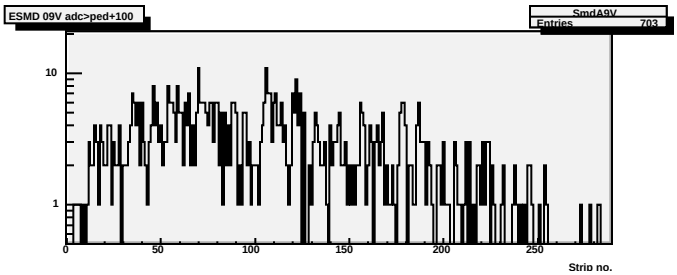

ESMD 04V adc>ped+100
SmdA4V
Entries 664
Strip no.

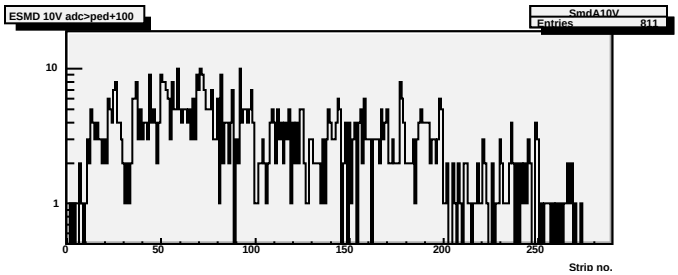

ESMD 05V adc>ped+100
SmdA5V
Entries 1935
Strip no.

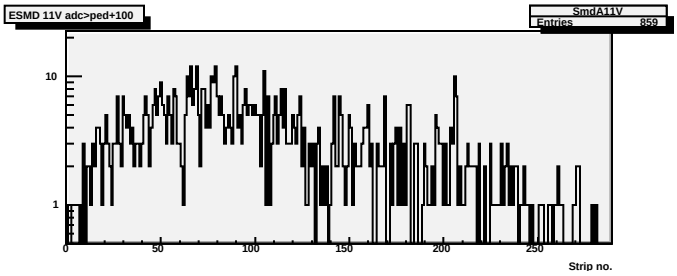

ESMD 06V adc>ped+100
SmdA6V
Entries 1839
Strip no.

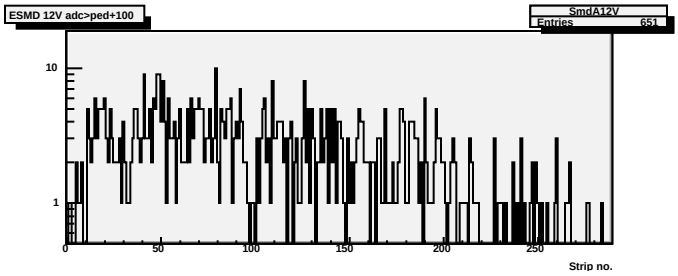

ESMD 07V adc>ped+100
SmdA7V
Entries 689
Strip no.

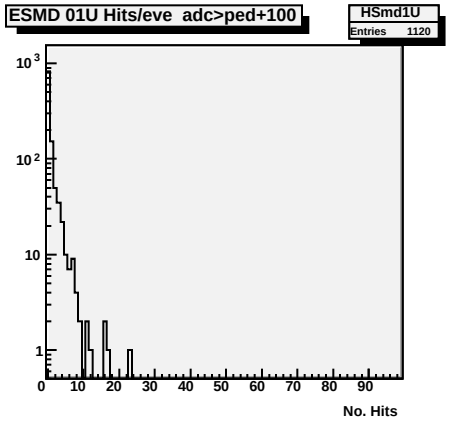

ESMD 08V adc>ped+100
SmdA8V
Entries 1737
Strip no.

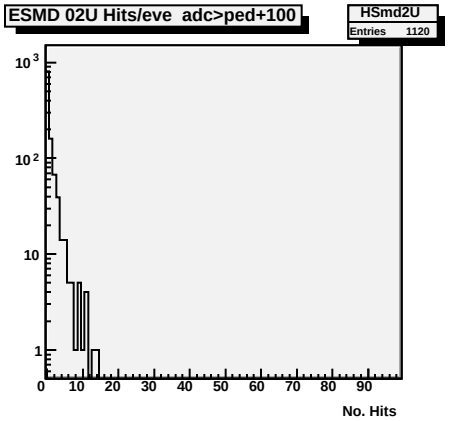

ESMD 09V adc>ped+100
SmdA9V
Entries 703
Strip no.

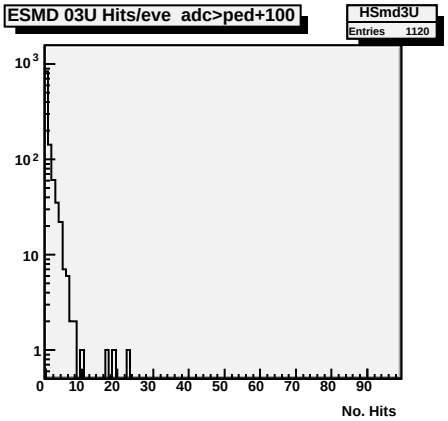

ESMD 10V adc>ped+100
SmdA10V
Entries 811
Strip no.

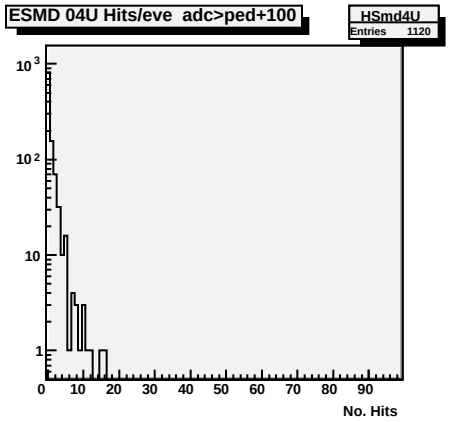

ESMD 11V adc>ped+100
SmdA11V
Entries 859
Strip no.

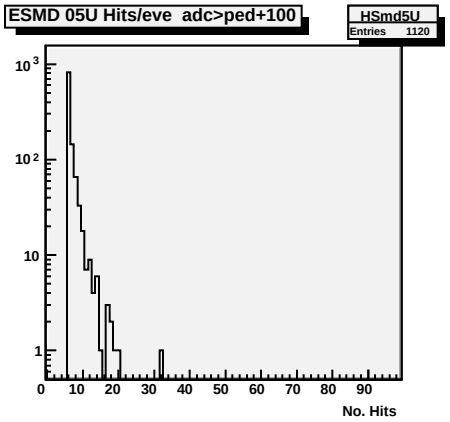

ESMD 12V adc>ped+100
SmdA12V
Entries 651
Strip no.

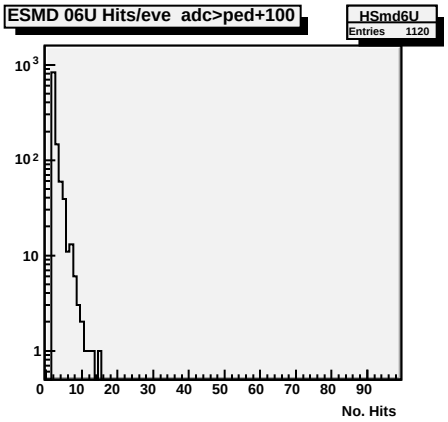

ESMD 01U Hits/eve adc>ped+100
HSmd1U
Entries 1120
No. Hits

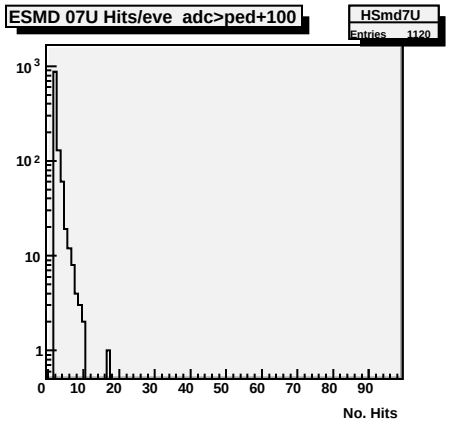

ESMD 02U Hits/eve adc>ped+100
HSmd2U
Entries 1120
No. Hits

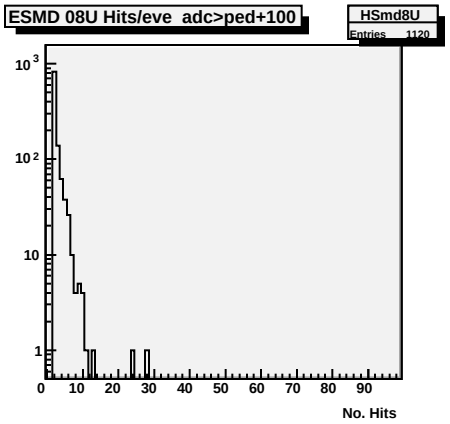

ESMD 03U Hits/eve adc>ped+100
HSmd3U
Entries 1120
No. Hits


ESMD 04U Hits/eve adc>ped+100
HSmd4U
Entries 1120
No. Hits


ESMD 05U Hits/eve adc>ped+100
HSmd5U
Entries 1120
No. Hits


ESMD 06U Hits/eve adc>ped+100
HSmd6U
Entries 1120
No. Hits


ESMD 07U Hits/eve adc>ped+100
HSmd7U
Entries 1120
No. Hits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HSmd8U
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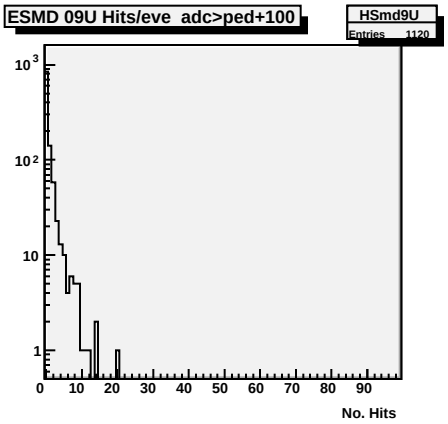
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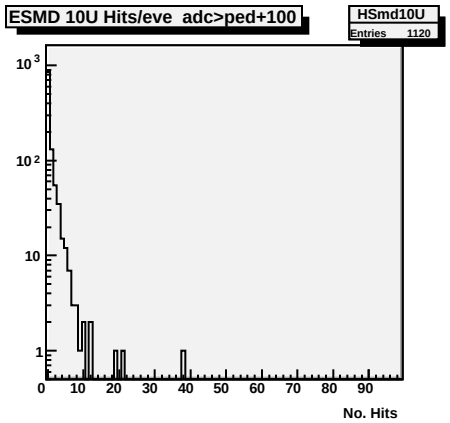
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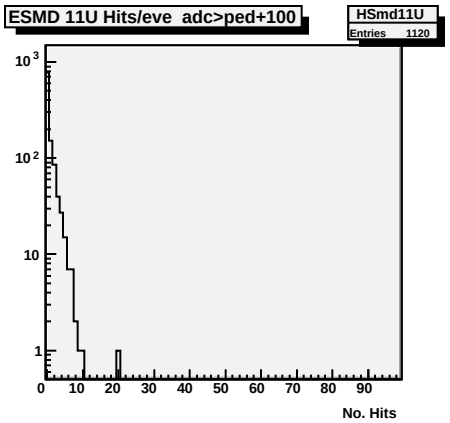
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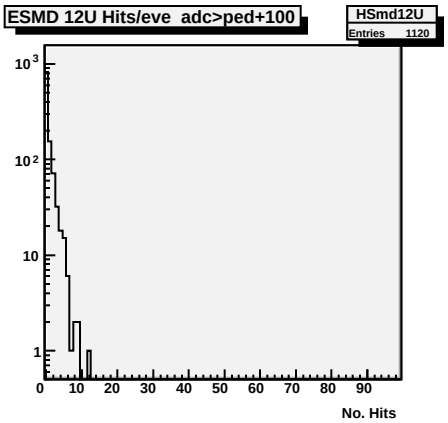
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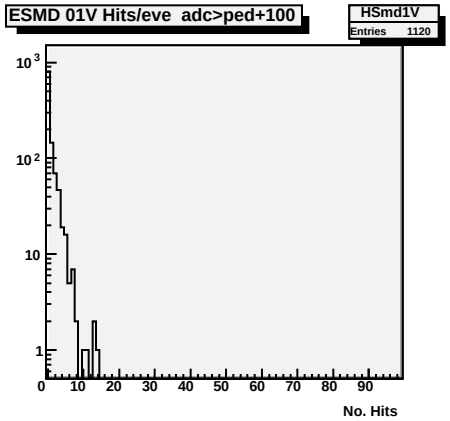
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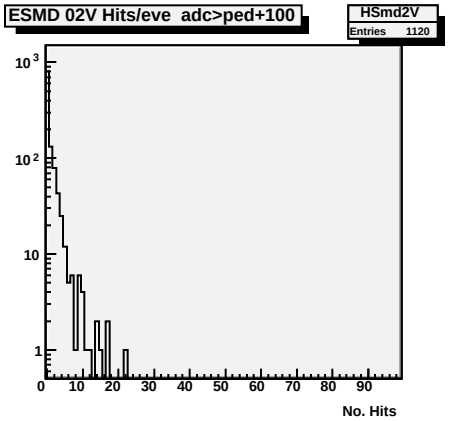
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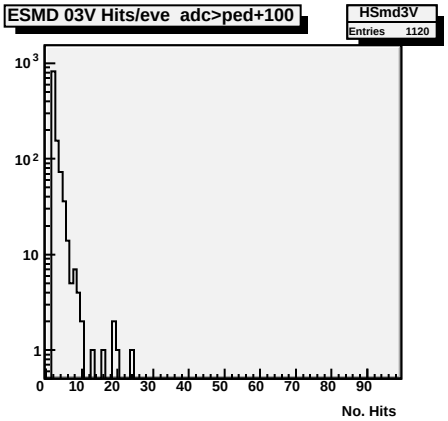
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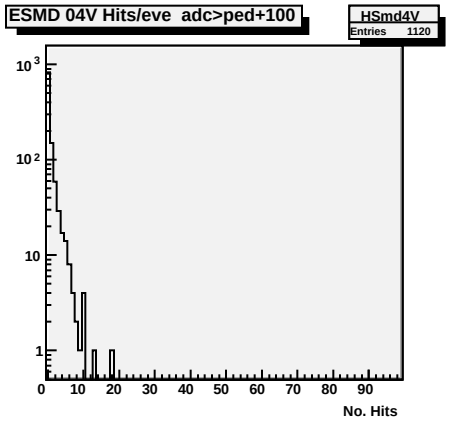
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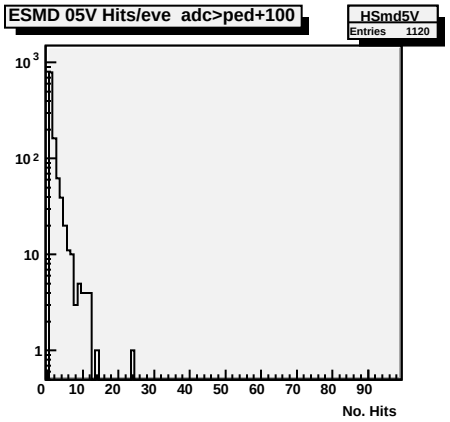
No. Hits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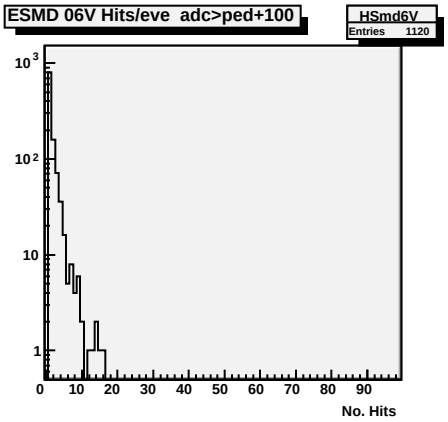
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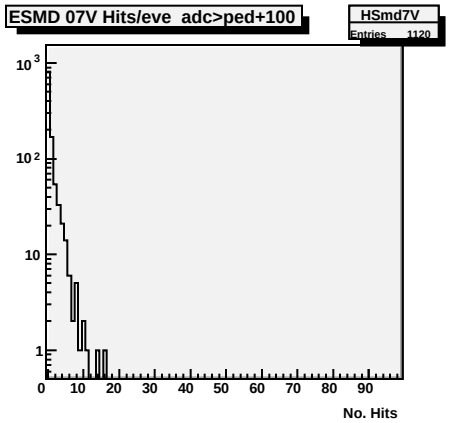
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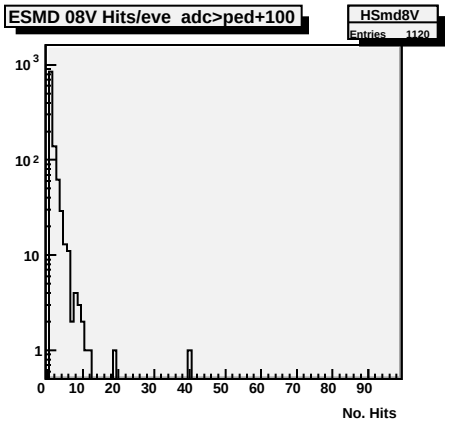
ESMD 08V Hits/eve adc>ped+100
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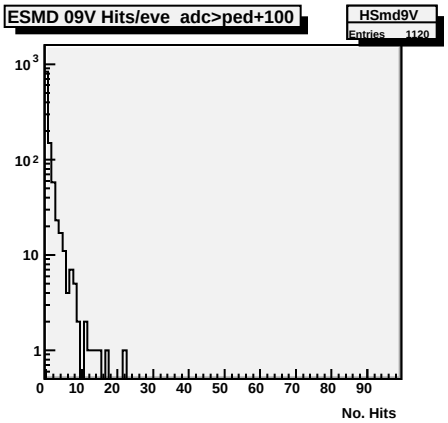
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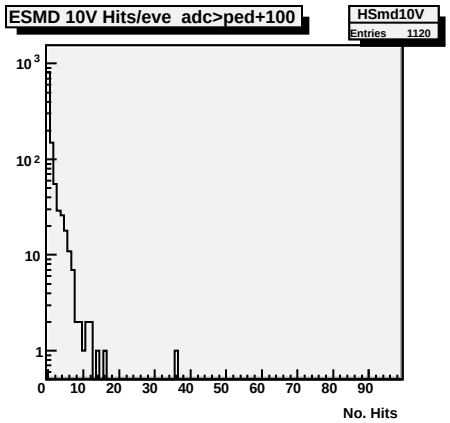
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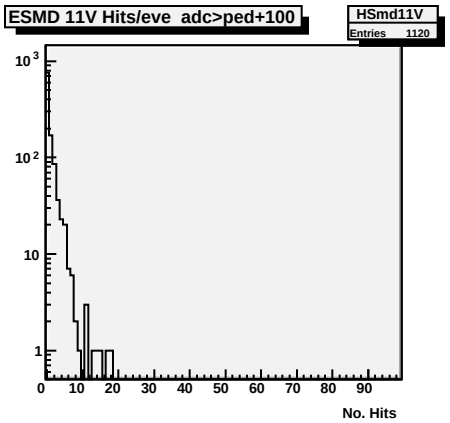
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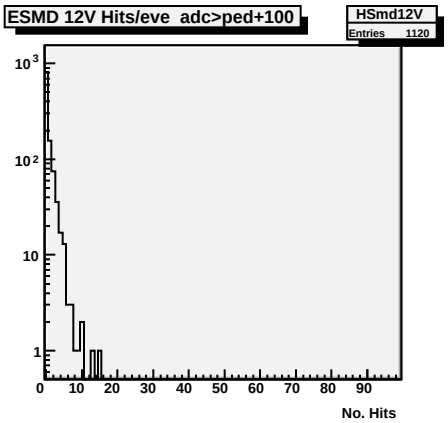
No. Hits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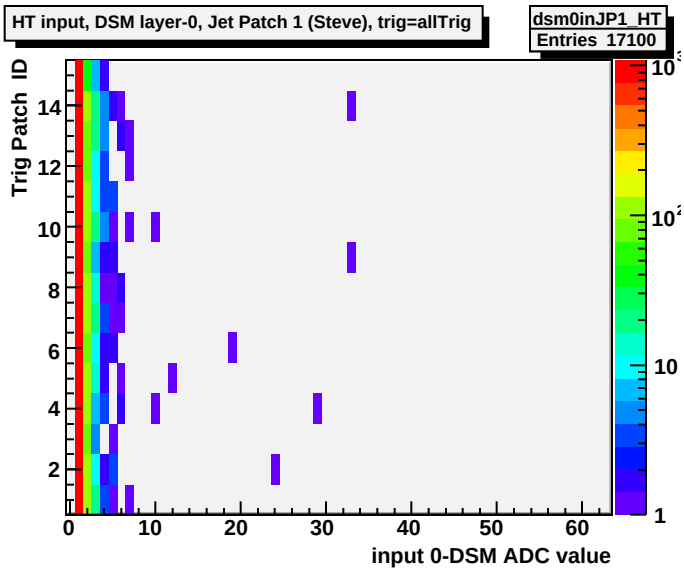
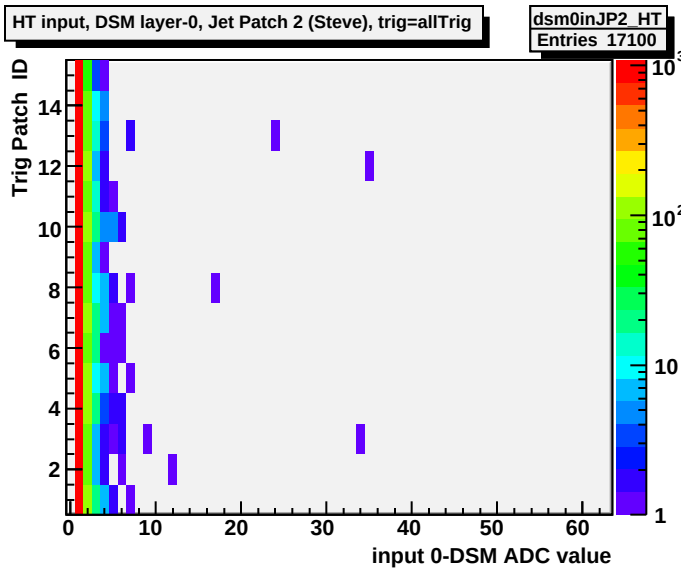
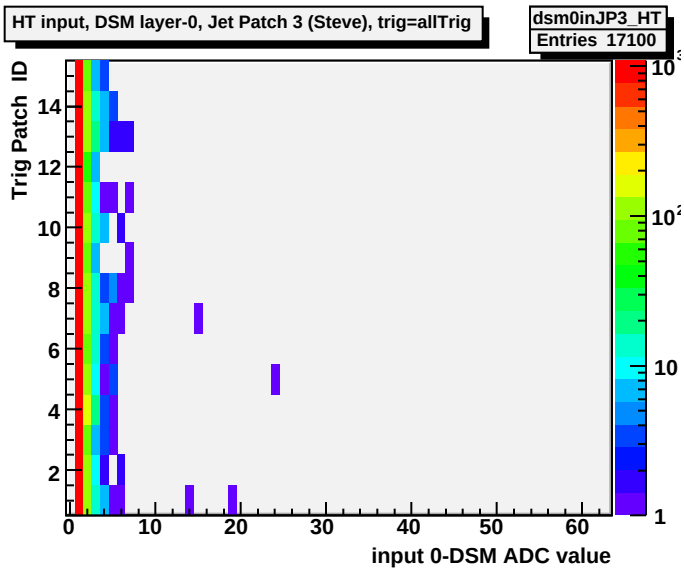
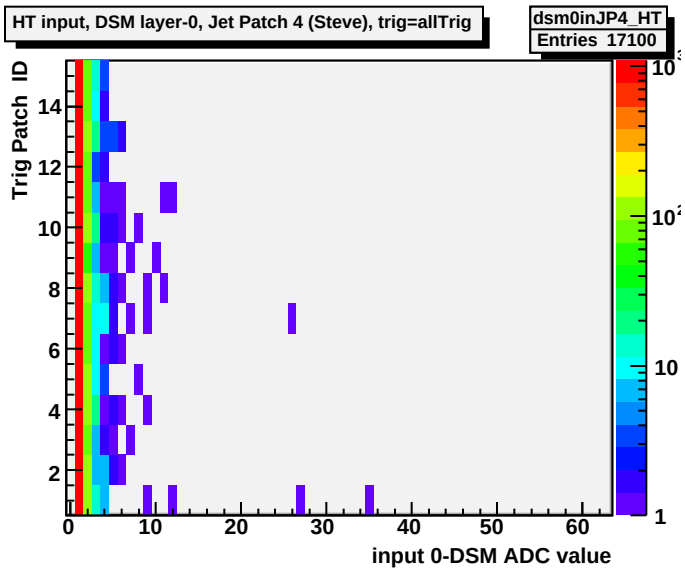
Entries 1120
No. Hits


HT input, DSM layer-0, Jet Patch 1 (Steve), trig=allTrig
dsm0inJP1_HT
Entries 17100
Trig Patch ID
input 0-DSM ADC value


HT input, DSM layer-0, Jet Patch 2 (Steve), trig=allTrig
dsm0inJP2_HT
Entries 17100
Trig Patch ID
input 0-DSM ADC value


HT input, DSM layer-0, Jet Patch 3 (Steve), trig=allTrig
dsm0inJP3_HT
Entries 17100
Trig Patch ID
input 0-DSM ADC value


HT input, DSM layer-0, Jet Patch 4 (Steve), trig=allTrig
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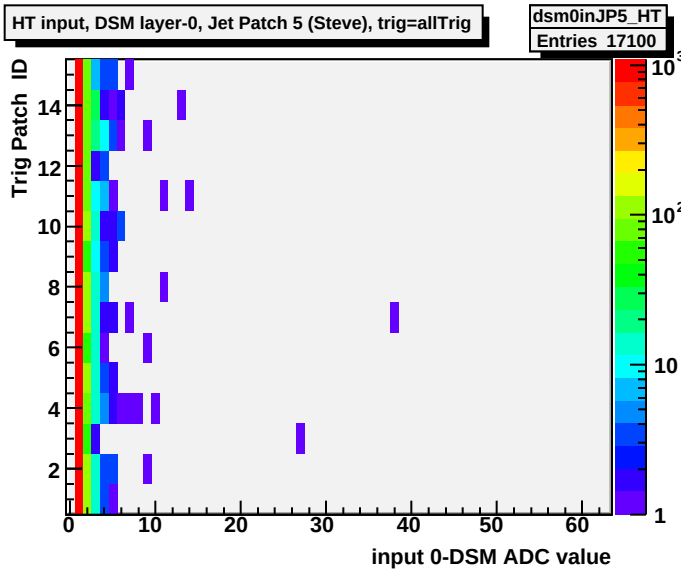
HT input, DSM layer-0, Jet Patch 5 (Steve), trig=allTrig
dsm0inJP5_HT
Entries 17100
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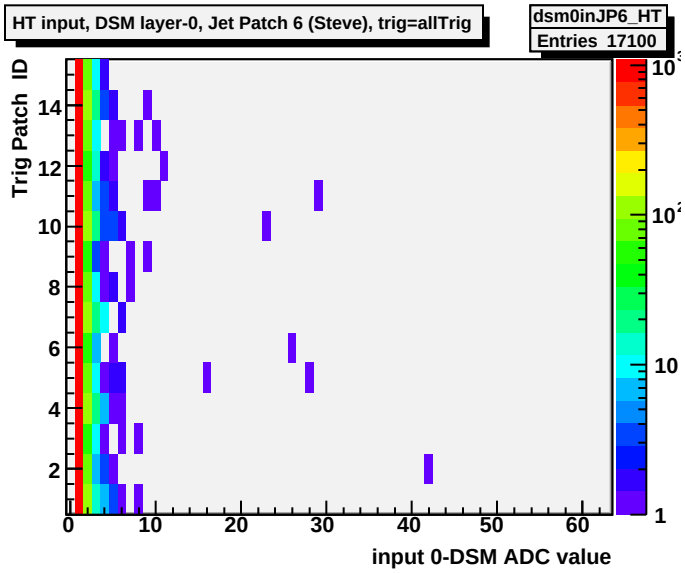
input 0-DSM ADC value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Entries 17100
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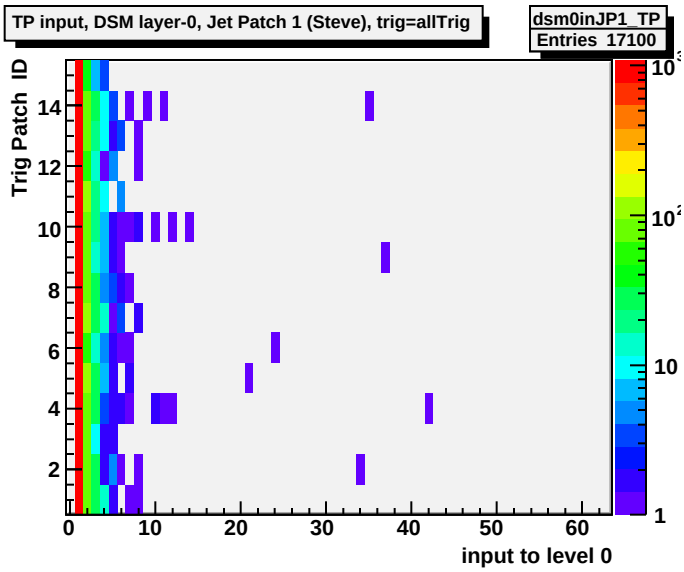
TP input, DSM layer-0, Jet Patch 1 (Steve), trig=allTrig
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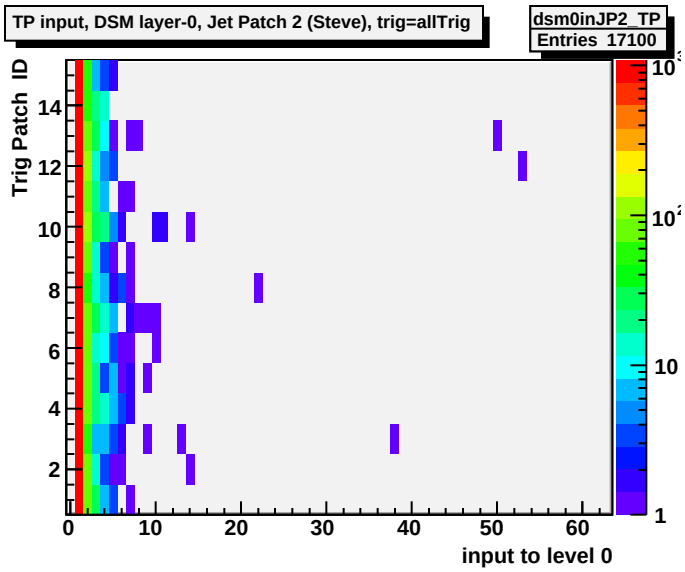
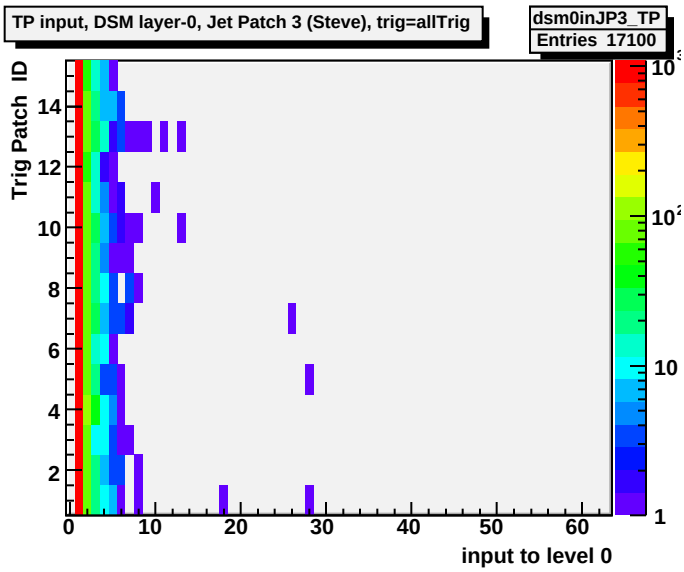
Entries 17100
Trig Patch ID
input to level 0


TP input, DSM layer-0, Jet Patch 2 (Steve), trig=allTrig
dsm0inJP2_TP
Entries 17100
Trig Patch ID
input to level 0


TP input, DSM layer-0, Jet Patch 3 (Steve), trig=allTrig
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Entries 17100
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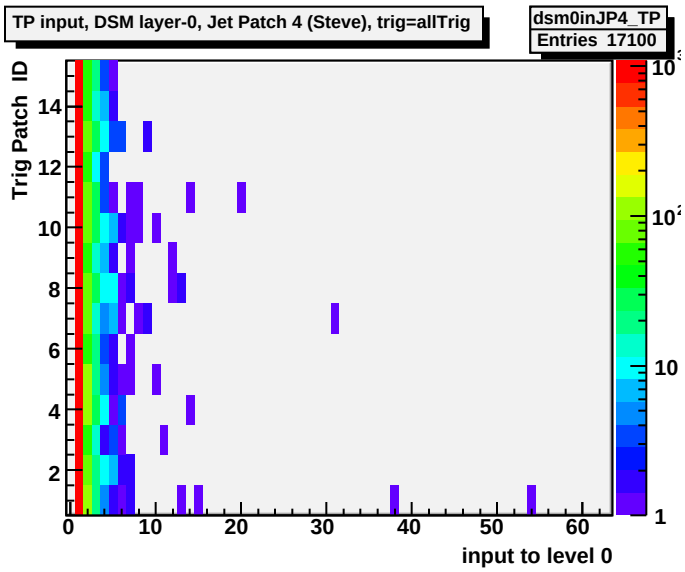
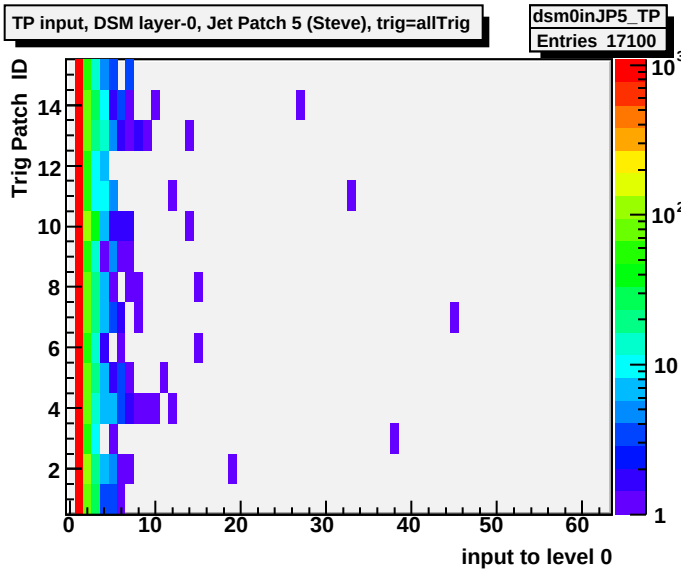
input to level 0


TP input, DSM layer-0, Jet Patch 4 (Steve), trig=allTrig
dsm0inJP4_TP
Entries 17100
Trig Patch ID
input to level 0


TP input, DSM layer-0, Jet Patch 5 (Steve), trig=allTrig
dsm0inJP5_TP
Entries 17100
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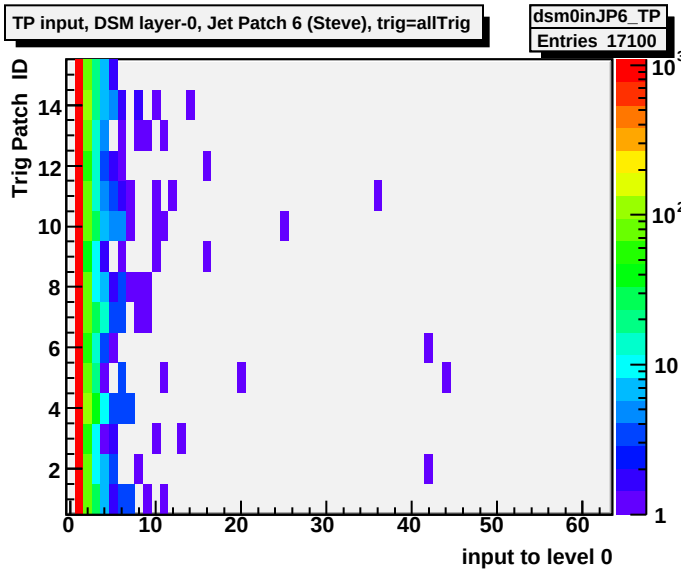
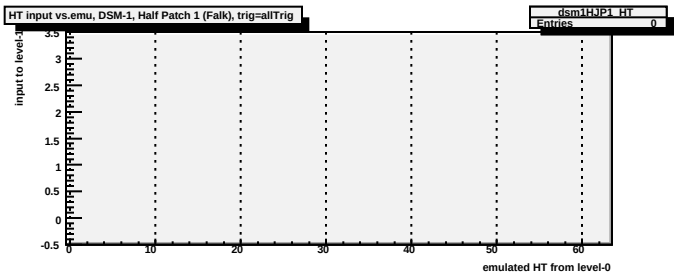
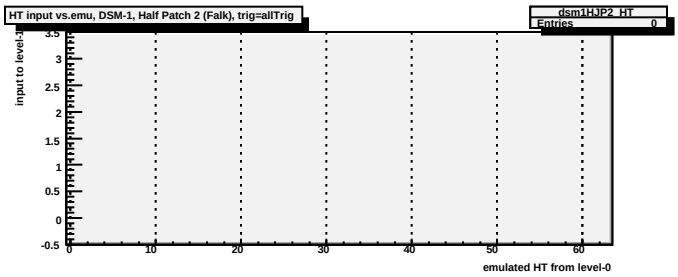
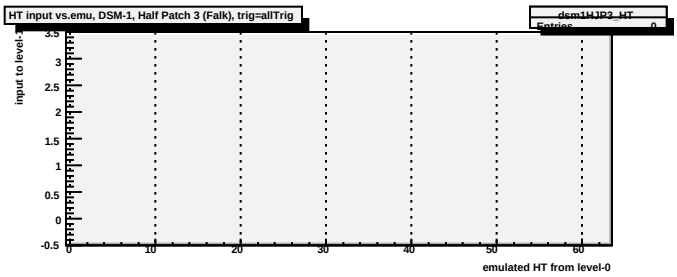
input to level 0


TP input, DSM layer-0, Jet Patch 6 (Steve), trig=allTrig
dsm0inJP6_TP
Entries 17100
Trig Patch ID
input to level 0


HT input vs.emu, DSM-1, Half Patch 1 (Falk), trig=allTrig
dsm1HJP1_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 2 (Falk), trig=allTrig
dsm1HJP2_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 3 (Falk), trig=allTrig
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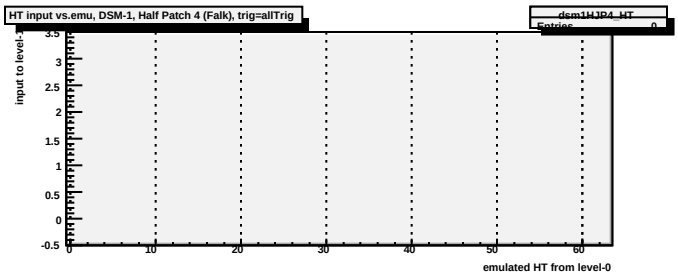
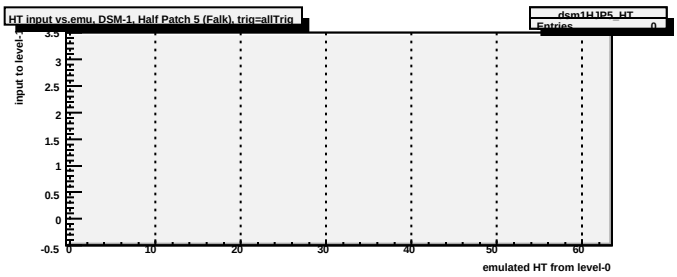
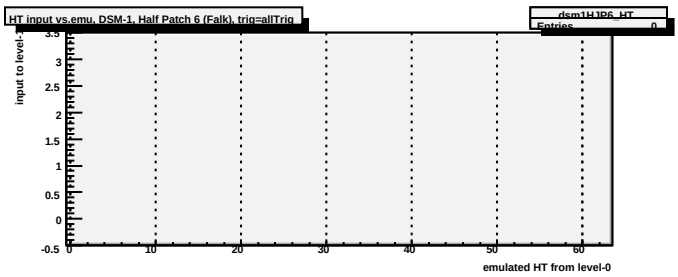
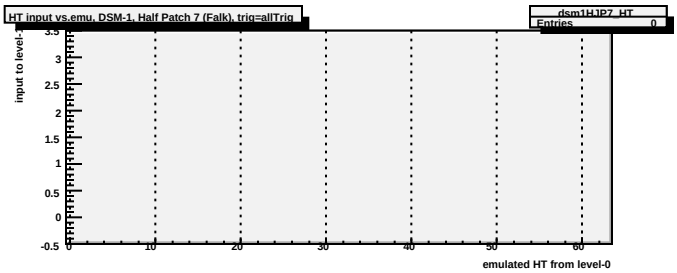
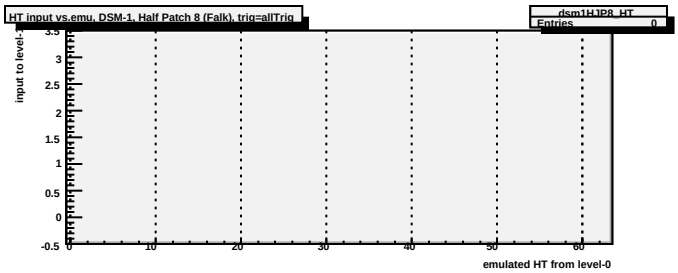
Entries 0
input to level-1
emulated HT from level-0

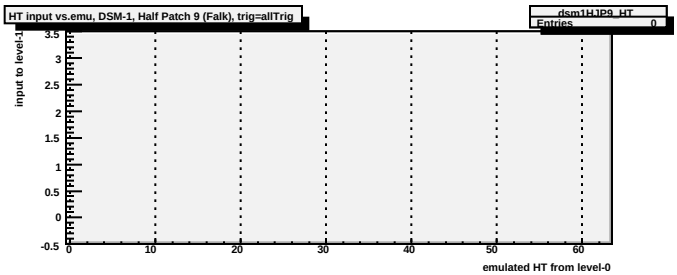

HT input vs.emu, DSM-1, Half Patch 4 (Falk), trig=allTrig
dsm1HJP4_HT
Entries 0
input to level-1
emulated HT from level-0

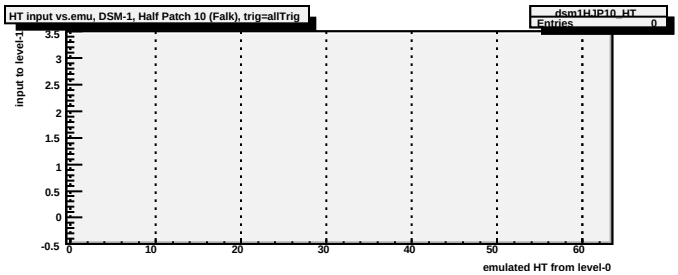

HT input vs.emu, DSM-1, Half Patch 5 (Falk), trig=allTrig
dsm1HJP5_HT
Entries 0
input to level-1
emulated HT from level-0

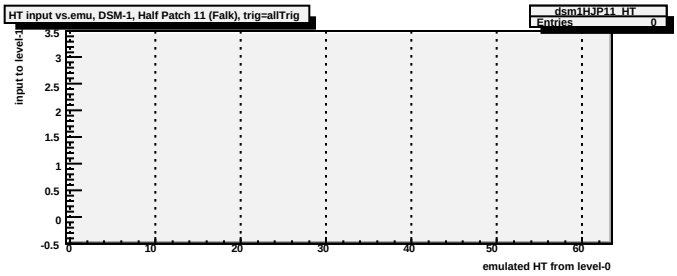

HT input vs.emu, DSM-1, Half Patch 6 (Falk), trig=allTrig
dsm1HJP6_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 7 (Falk), trig=allTrig
dsm1HJP7_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 8 (Falk), trig=allTrig
dsm1HJP8_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 9 (Falk), trig=allTrig
dsm1HJP9_HT
Entries 0
input to level-1
emulated HT from level-0


HT input vs.emu, DSM-1, Half Patch 10 (Falk), trig=allTrig
dsm1HJP10_HT
Entries 0
input to level-1
emulated HT from level-0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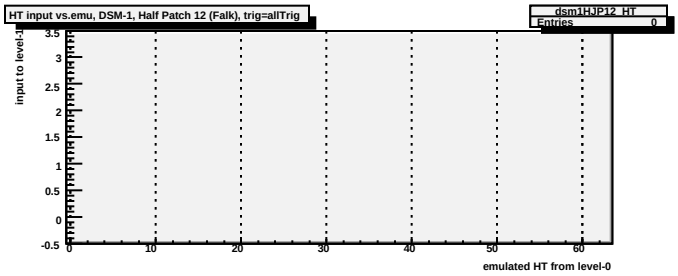
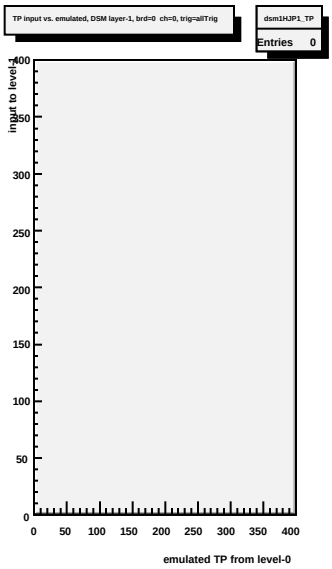

HT input vs.emu, DSM-1, Half Patch 12 (Falk), trig=allTrig
dsm1HJP12_HT
Entries 0
input to level-1
emulated HT from level-0


TP input vs. emulated, DSM layer-1, brd=0 ch=0, trig=allTrig
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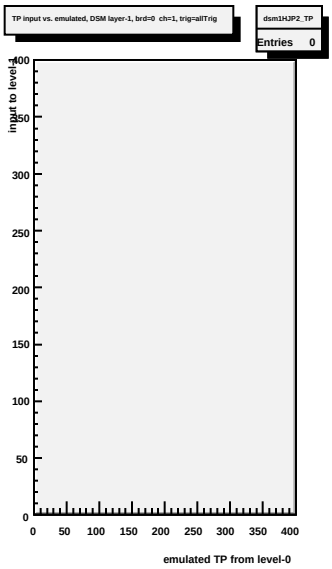
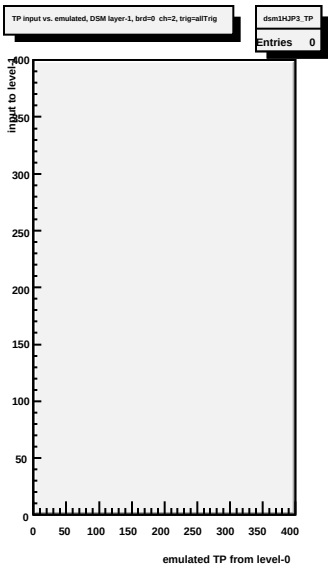
Entries 0
input to level-1
emulated TP from level-0


TP input vs. emulated, DSM layer-1, brd=0 ch=1, trig=allTrig
dsm1HJP2_TP
Entries 0
input to level-1
emulated TP from level-0


TP input vs. emulated, DSM layer-1, brd=0 ch=2, trig=allTrig
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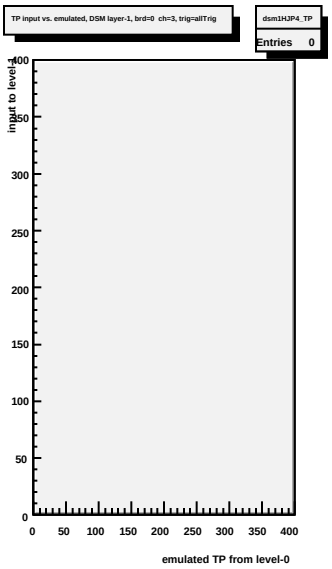
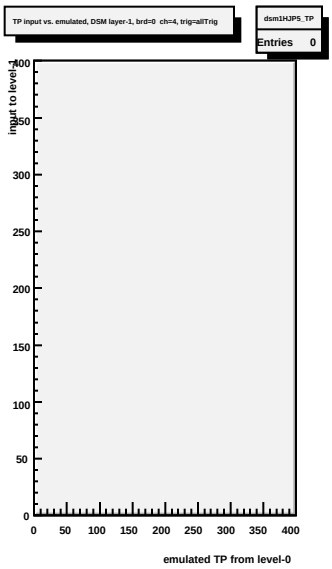
Entries 0
input to level-1
emulated TP from level-0


TP input vs. emulated, DSM layer-1, brd=0 ch=3, trig=allTrig
dsm1HJP4_TP
Entries 0
input to level-1
emulated TP from level-0


TP input vs. emulated, DSM layer-1, brd=0 ch=4, trig=allTrig
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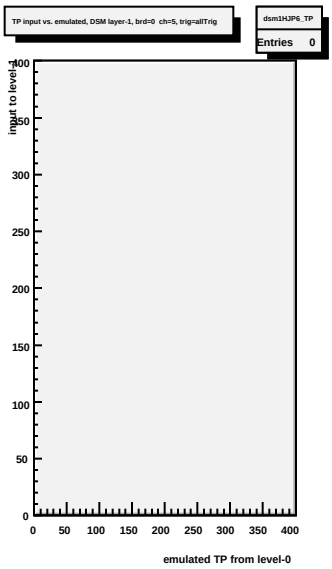
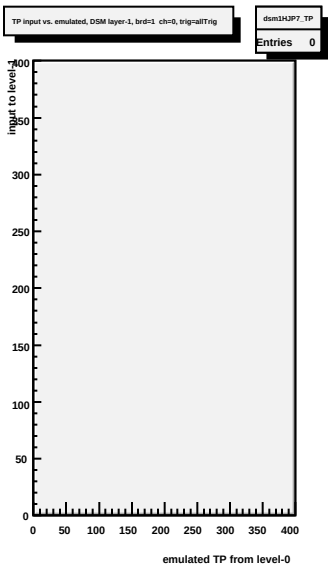
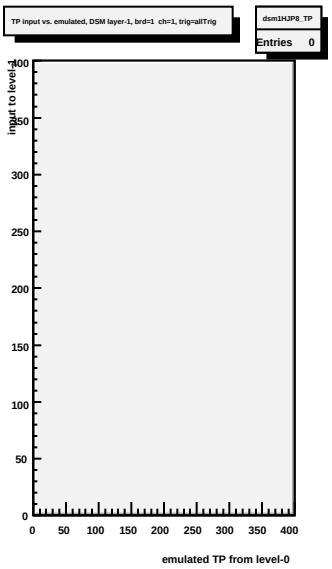
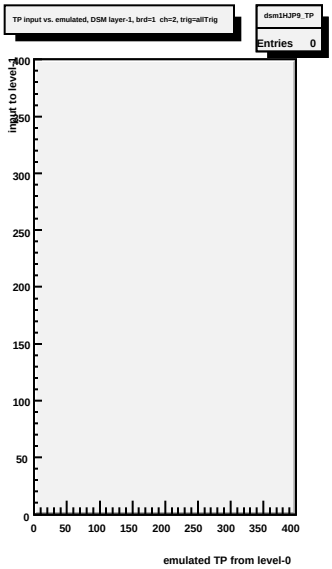
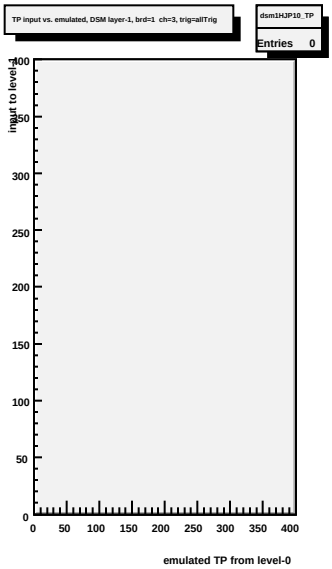
Entries 0
input to level-1
emulated TP from level-0

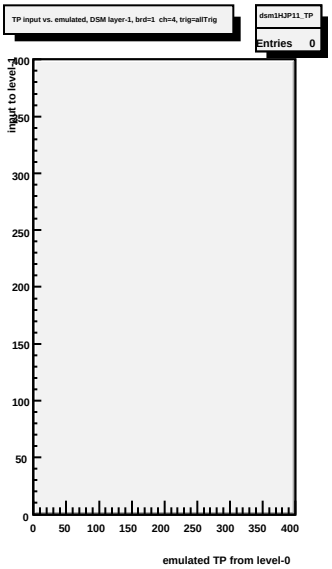

TP input vs. emulated, DSM layer-1, brd=0 ch=5, trig=allTrig
dsm1HJP6_TP
Entries 0
input to level-1
emulated TP from level-0

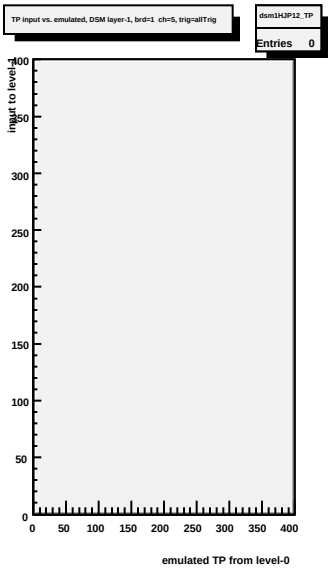

TP input vs. emulated, DSM layer-1, brd=1 ch=0, trig=allTrig
dsm1HJP7_TP
Entries 0
input to level-1
emulated TP from level-0

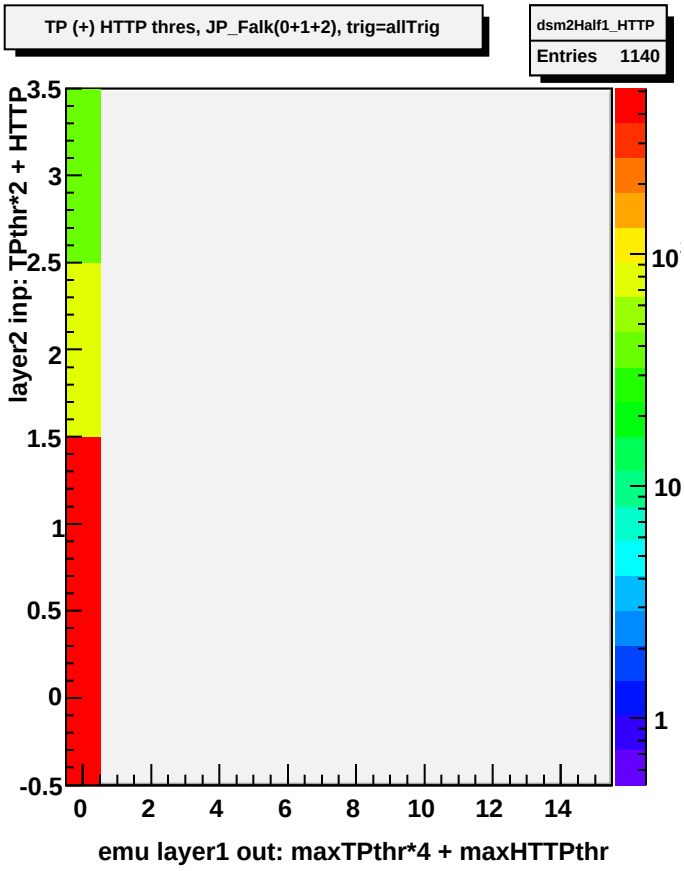

TP input vs. emulated, DSM layer-1, brd=1 ch=1, trig=allTrig
dsm1HJP8_TP
Entries 0
input to level-1
emulated TP from level-0

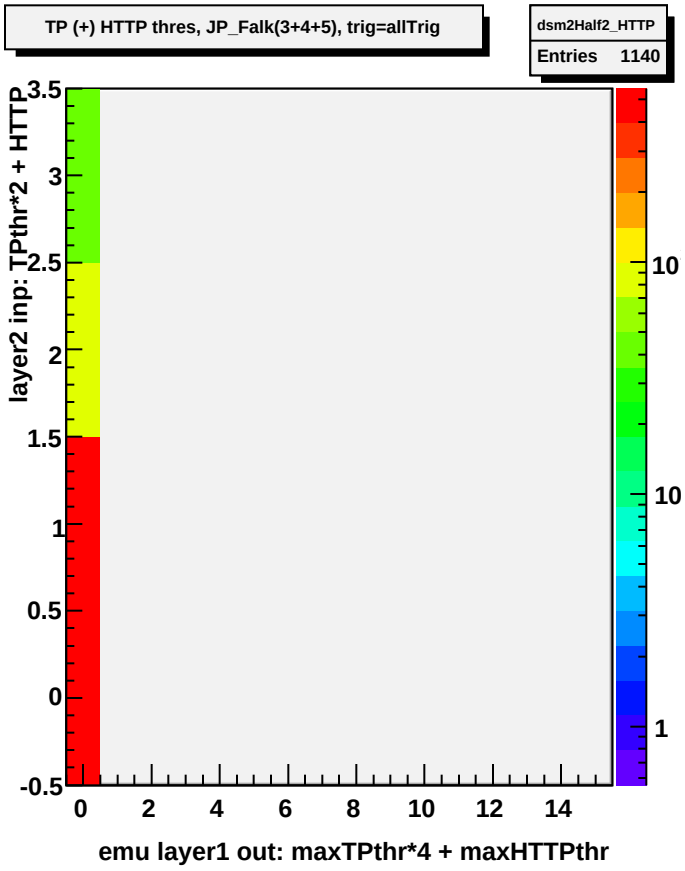

TP input vs. emulated, DSM layer-1, brd=1 ch=2, trig=allTrig
dsm1HJP9_TP
Entries 0
input to level-1
emulated TP from level-0

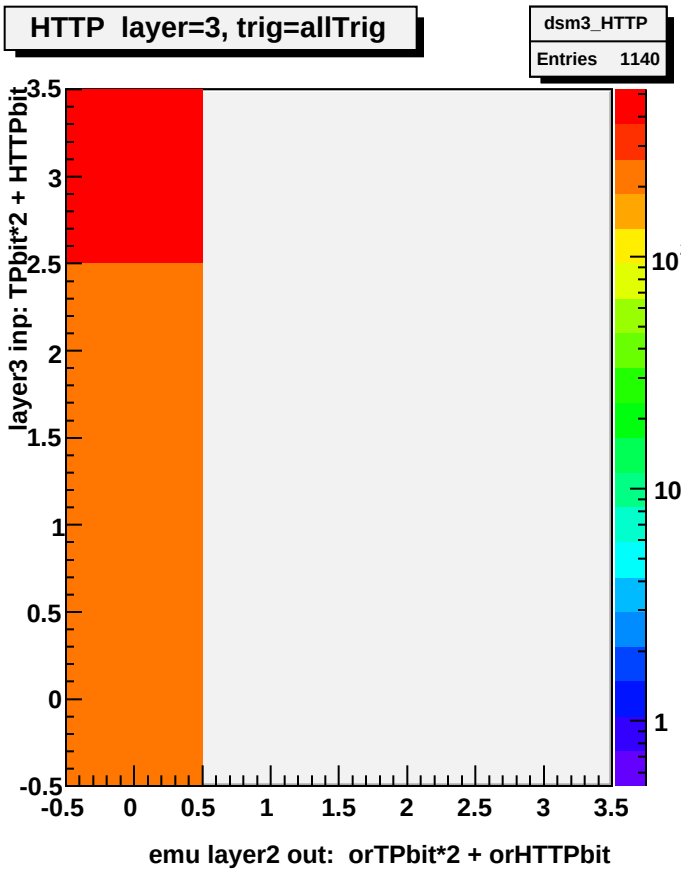

TP input vs. emulated, DSM layer-1, brd=1 ch=3, trig=allTrig
dsm1HJP10_TP
Entries 0
input to level-1
emulated TP from level-0

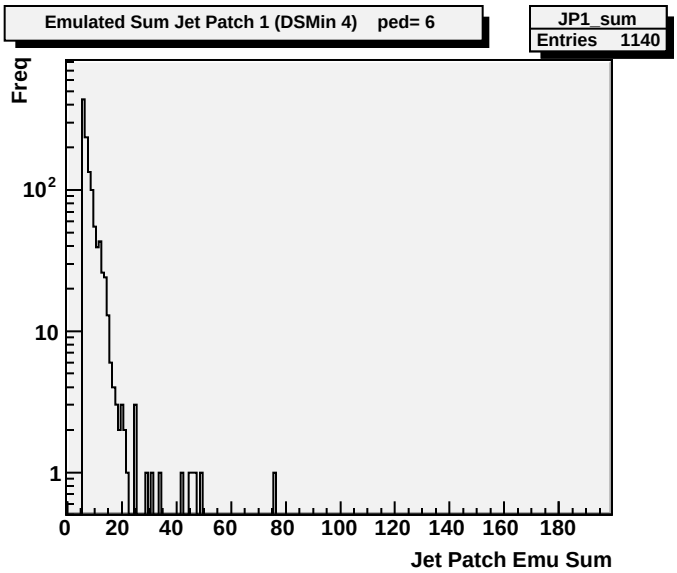

TP input vs. emulated, DSM layer-1, brd=1 ch=4, trig=allTrig
dsm1HJP11_TP
Entries 0
input to level-1
emulated TP from level-0

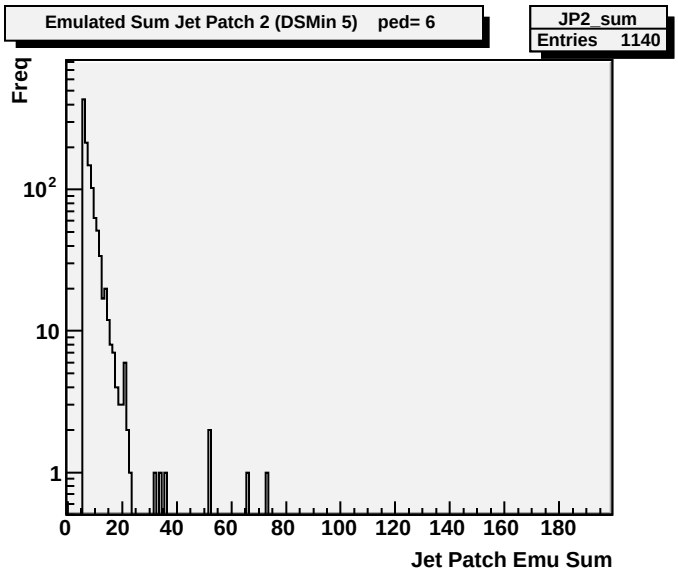

TP input vs. emulated, DSM layer-1, brd=1 ch=5, trig=allTrig
dsm1HJP12_TP
Entries 0
input to level-1
emulated TP from level-0

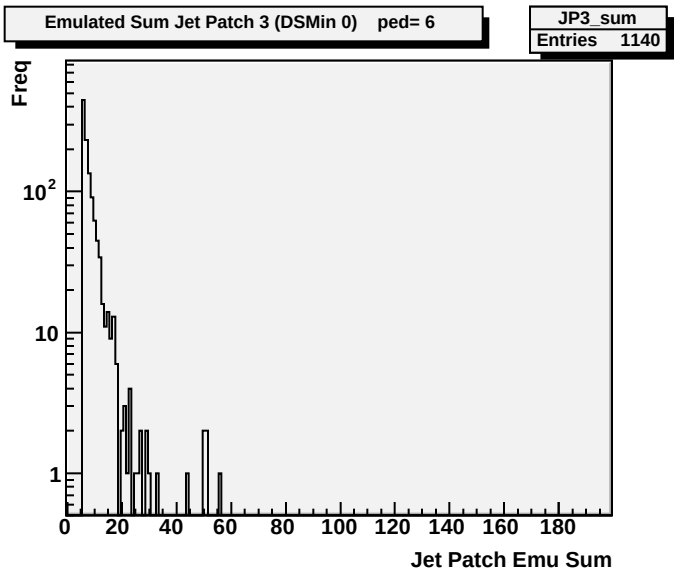

TP (+) HTTP thres, JP_Falk(0+1+2), trig=allTrig
dsm2Half1_HTTP
Entries 1140
layer2 inp: TPthr*2 + HTTP
emu layer1 out: maxTPthr*4 + maxHTTPthr

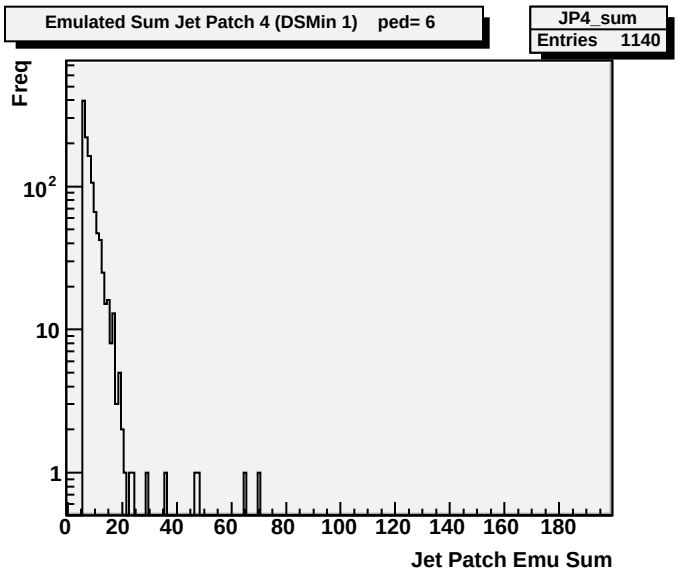

TP (+) HTTP thres, JP_Falk(3+4+5), trig=allTrig
dsm2Half2_HTTP
Entries 1140
layer2 inp: TPthr*2 + HTTP
emu layer1 out: maxTPthr*4 + maxHTTPthr

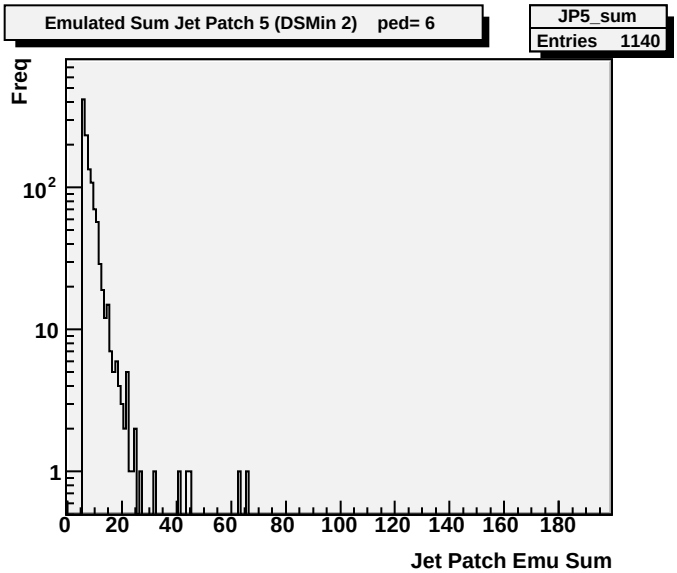

HTTP layer=3, trig=allTrig
dsm3_HTTP
Entries 1140
layer3 inp: TPbit*2 + HTTPbit
emu layer2 out: orTPbit*2 + orHTTPbit

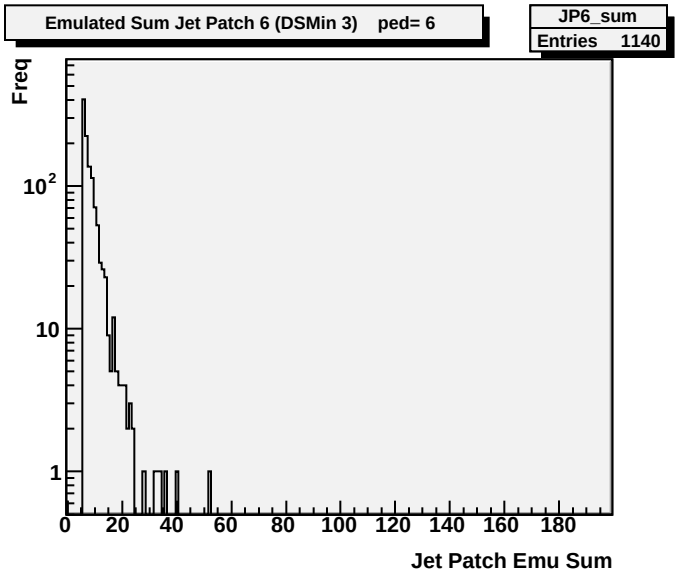

Emulated Sum Jet Patch 1 (DSMin 4) ped= 6
JP1_sum
Entries 1140
Freq
Jet Patch Emu Sum

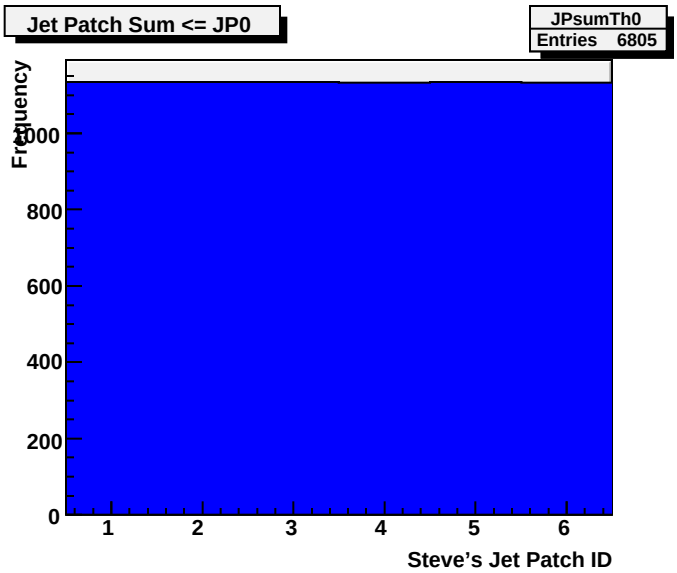

Emulated Sum Jet Patch 2 (DSMin 5) ped= 6
JP2_sum
Entries 1140
Freq
Jet Patch Emu Sum

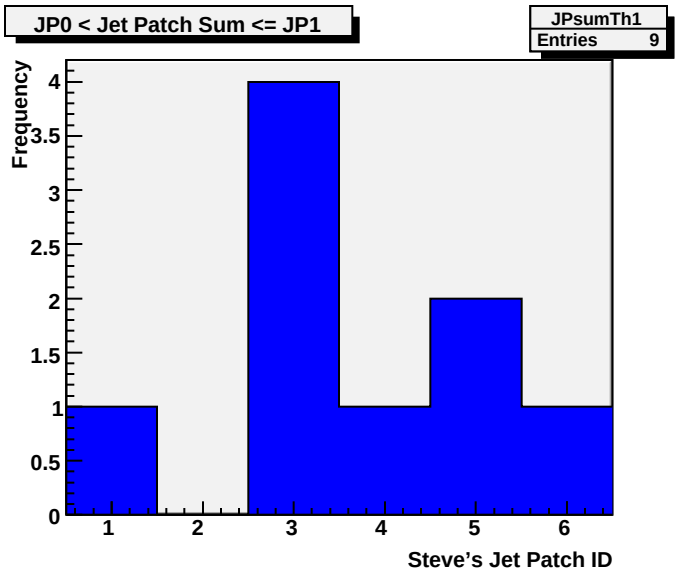

Emulated Sum Jet Patch 3 (DSMin 0) ped= 6
JP3_sum
Entries 1140
Freq
Jet Patch Emu Sum

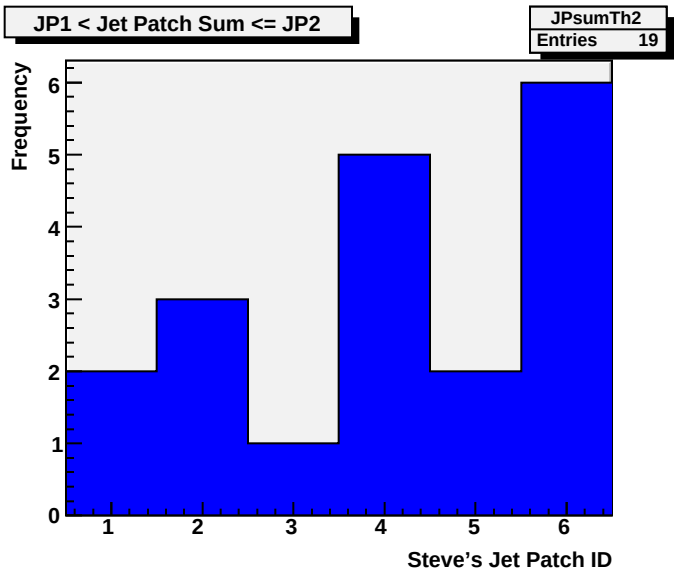

Emulated Sum Jet Patch 4 (DSMin 1) ped= 6
JP4_sum
Entries 1140
Freq
Jet Patch Emu Sum

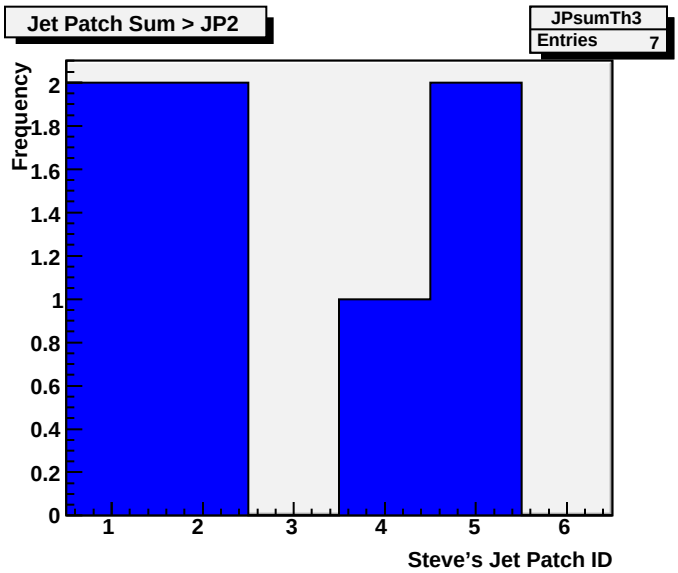

Emulated Sum Jet Patch 5 (DSMin 2) ped= 6
JP5_sum
Entries 1140
Freq
Jet Patch Emu Sum

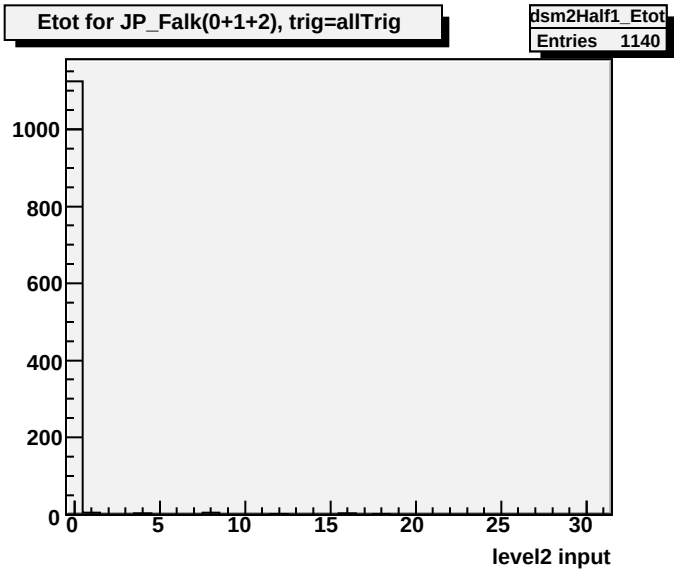

Emulated Sum Jet Patch 6 (DSMin 3) ped= 6
JP6_sum
Entries 1140
Freq
Jet Patch Emu Sum

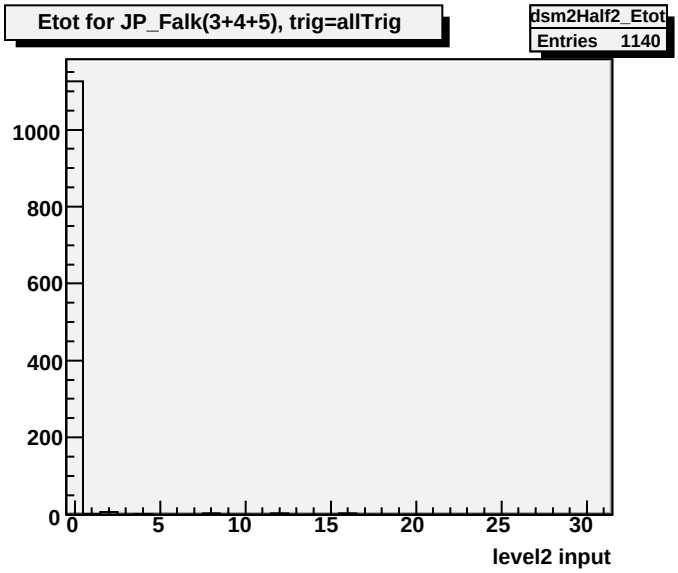

Jet Patch Sum <= JP0
JPsumTh0
Entries 6805
Frequency
Steve's Jet Patch ID

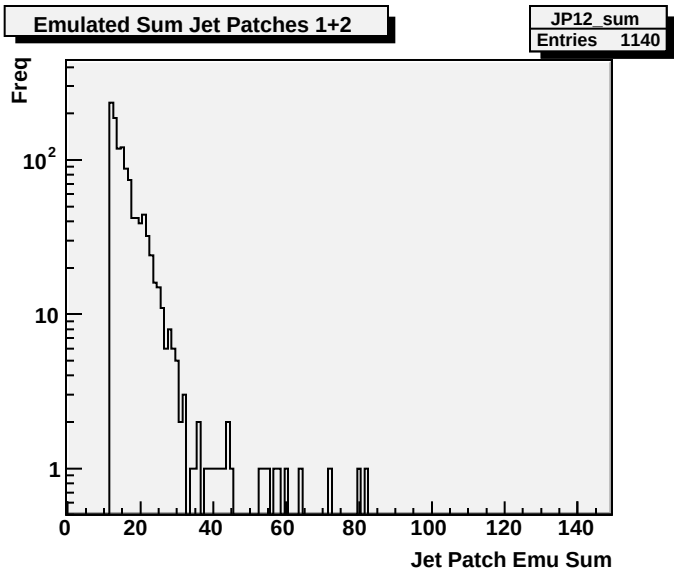

JP0 < Jet Patch Sum <= JP1
JPsumTh1
Entries 9
Frequency
Steve's Jet Patch ID

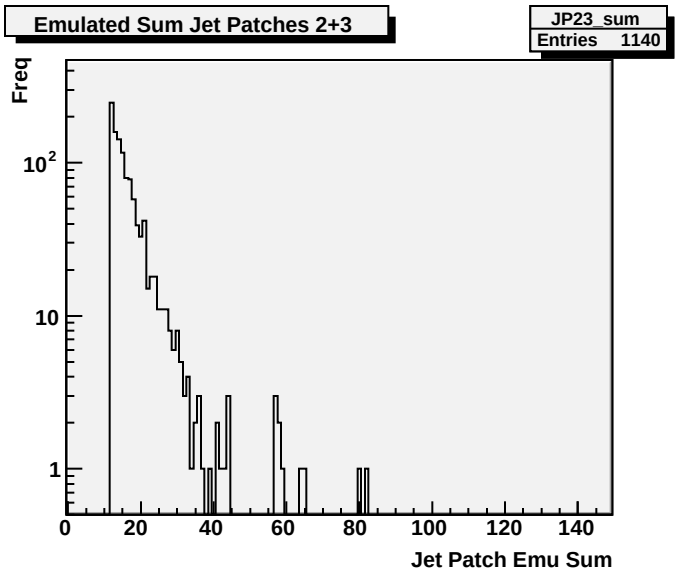

JP1 < Jet Patch Sum <= JP2
JPsumTh2
Entries 19
Frequency
Steve's Jet Patch ID

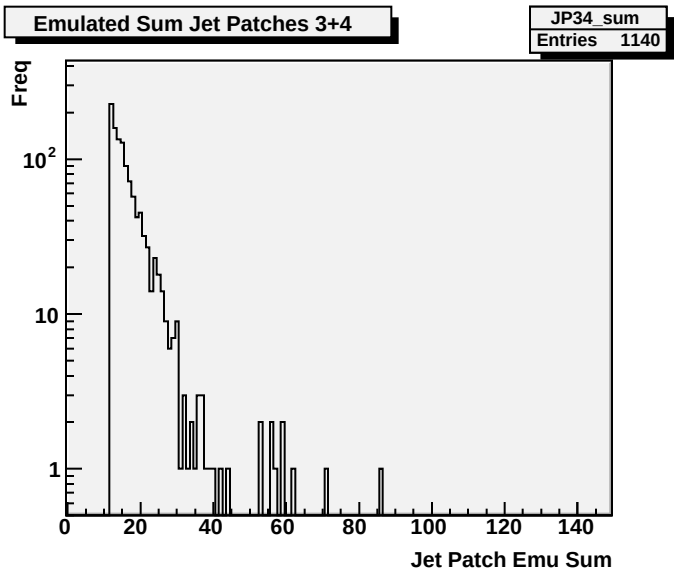

Jet Patch Sum > JP2
JPsumTh3
Entries 7
Frequency
Steve's Jet Patch ID

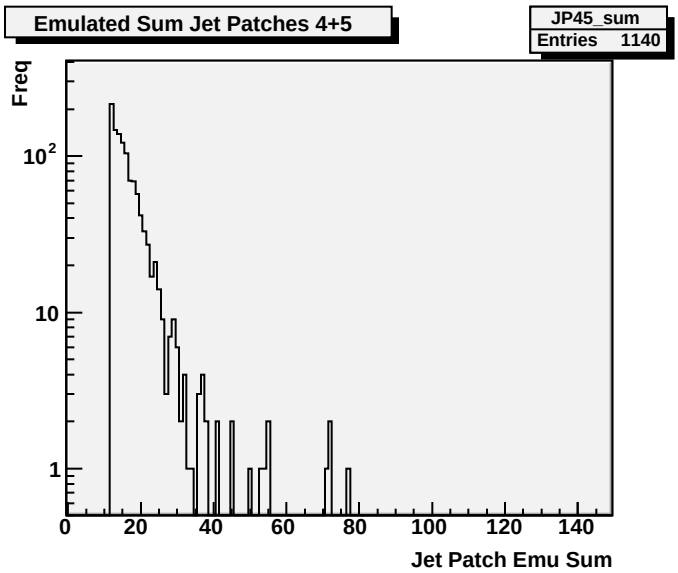

Etot for JP_Falk(0+1+2), trig=allTrig
dsm2Half1_Etot
Entries 1140
level2 input

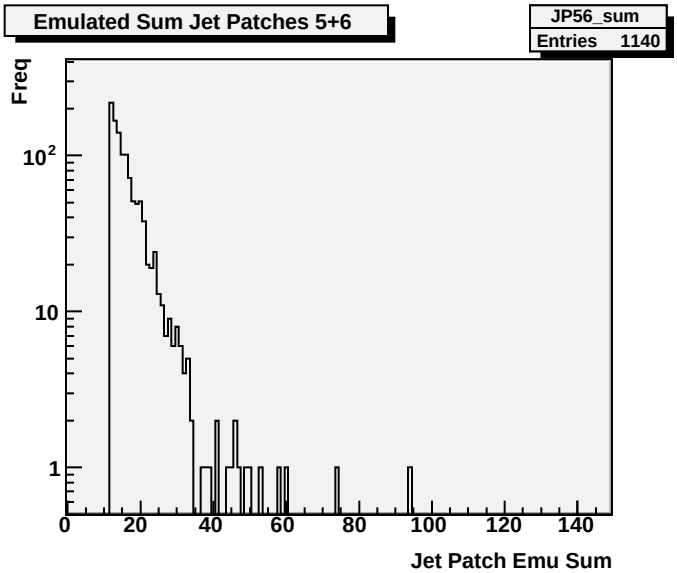

Etot for JP_Falk(3+4+5), trig=allTrig
dsm2Half2_Etot
Entries 1140
level2 input

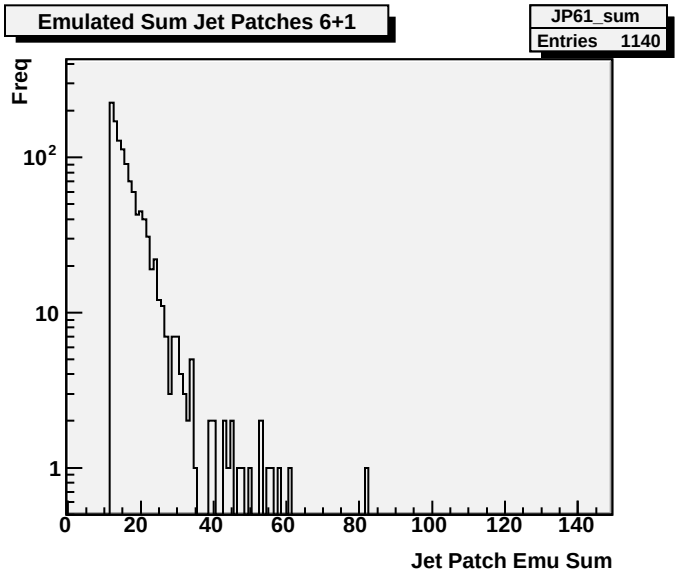

Emulated Sum Jet Patches 1+2
JP12_sum
Entries 1140
Freq
Jet Patch Emu Sum

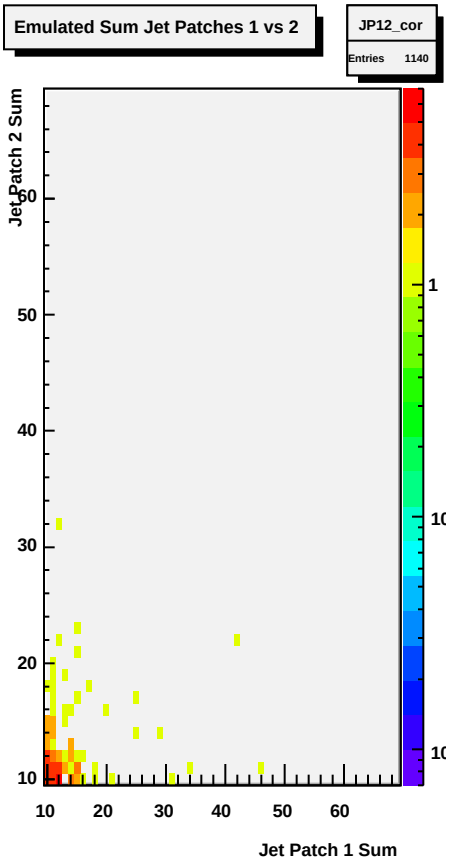

Emulated Sum Jet Patches 2+3
JP23_sum
Entries 1140
Freq
Jet Patch Emu Sum

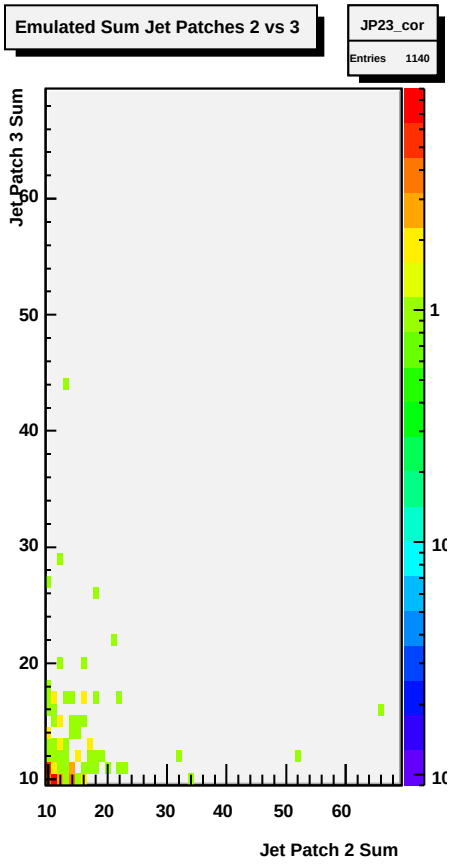

Emulated Sum Jet Patches 3+4
JP34_sum
Entries 1140
Freq
Jet Patch Emu Sum

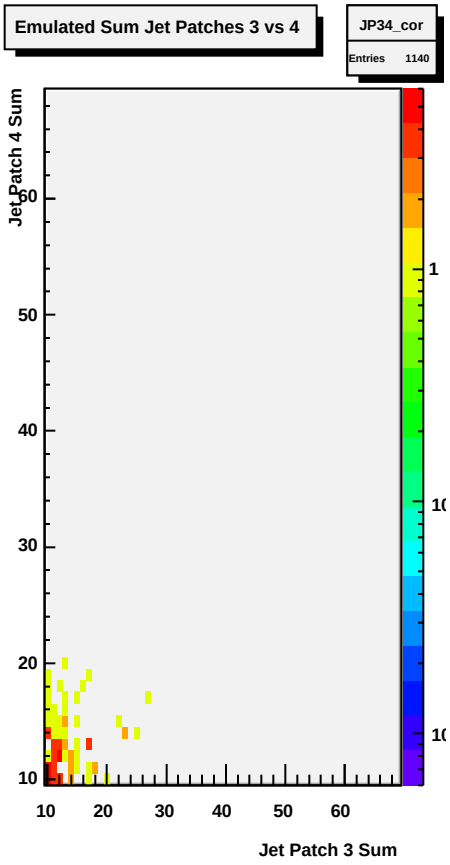

Emulated Sum Jet Patches 4+5
JP45_sum
Entries 1140
Freq
Jet Patch Emu Sum

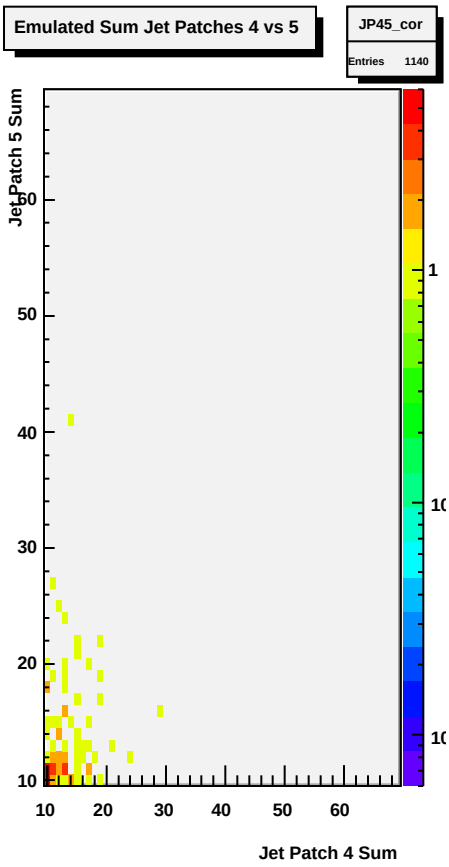

Emulated Sum Jet Patches 5+6
JP56_sum
Entries 1140
Freq
Jet Patch Emu Sum

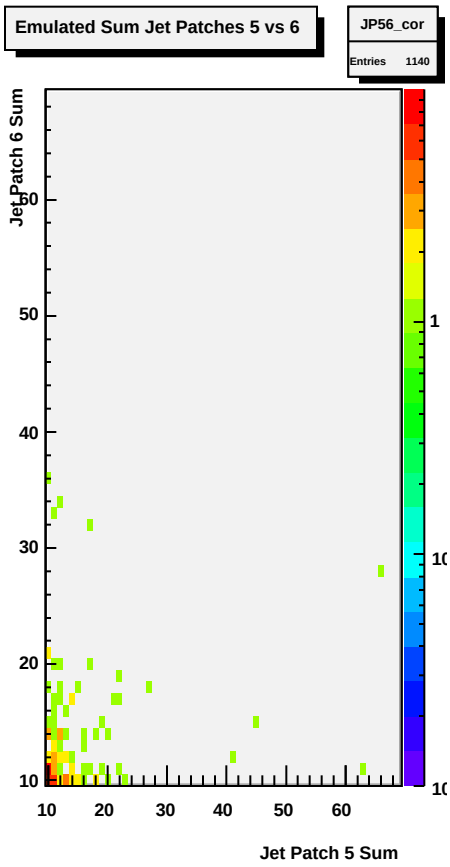

Emulated Sum Jet Patches 6+1
JP61_sum
Entries 1140
Freq
Jet Patch Emu Sum

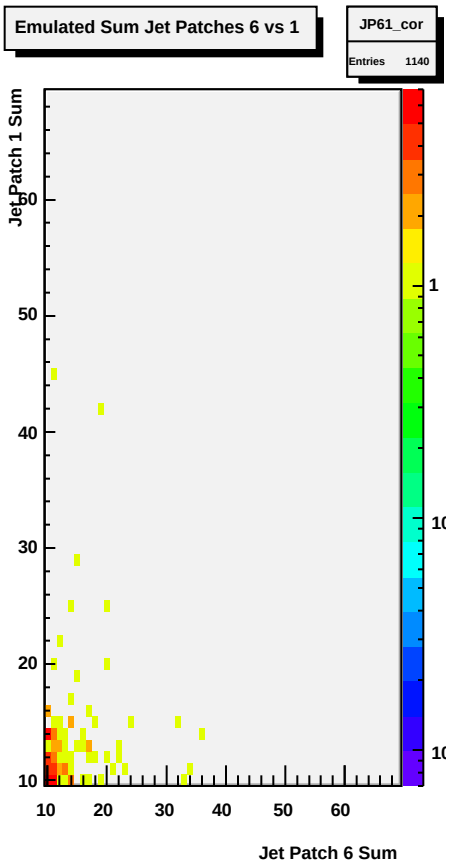

Emulated Sum Jet Patches 1 vs 2
JP12_cor
Entries 1140
Jet Patch 2 Sum
Jet Patch 1 Sum

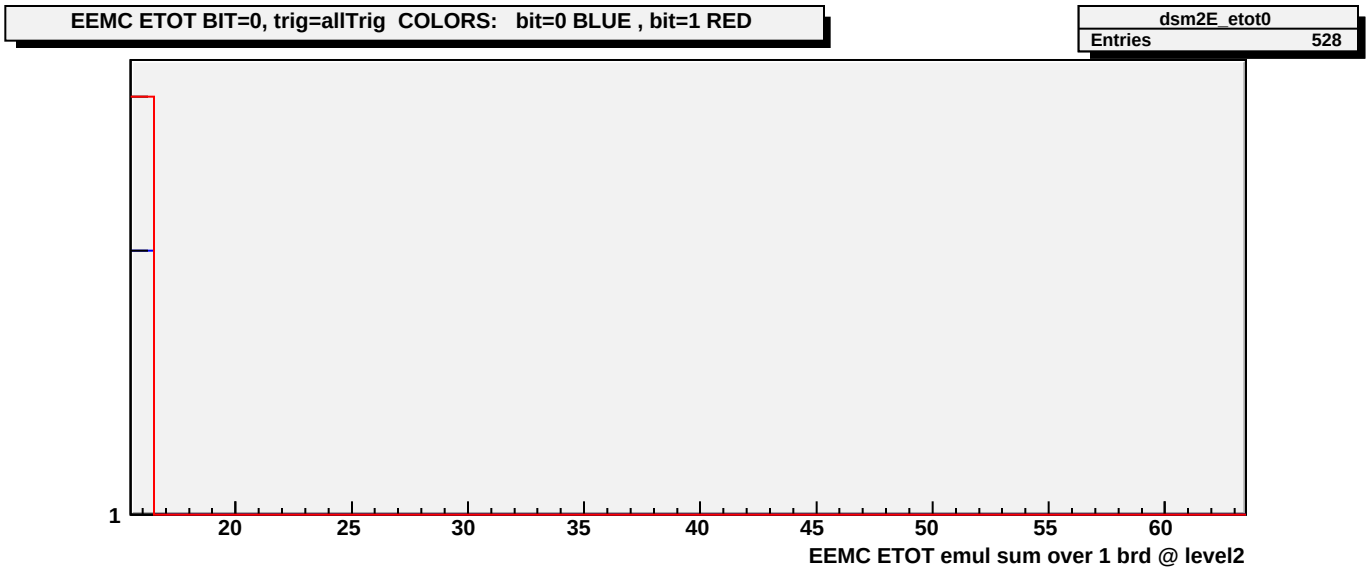

Emulated Sum Jet Patches 2 vs 3
JP23_cor
Entries 1140
Jet Patch 3 Sum
Jet Patch 2 Sum

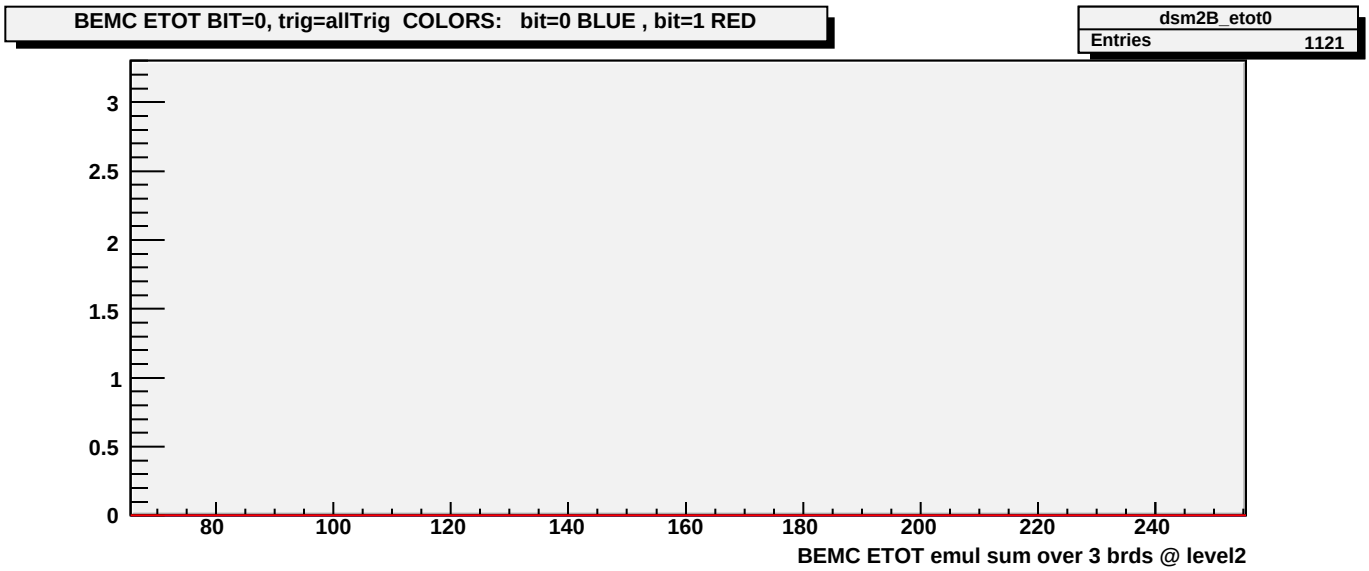

Emulated Sum Jet Patches 3 vs 4
JP34_cor
Entries 1140
Jet Patch 4 Sum
Jet Patch 3 Sum

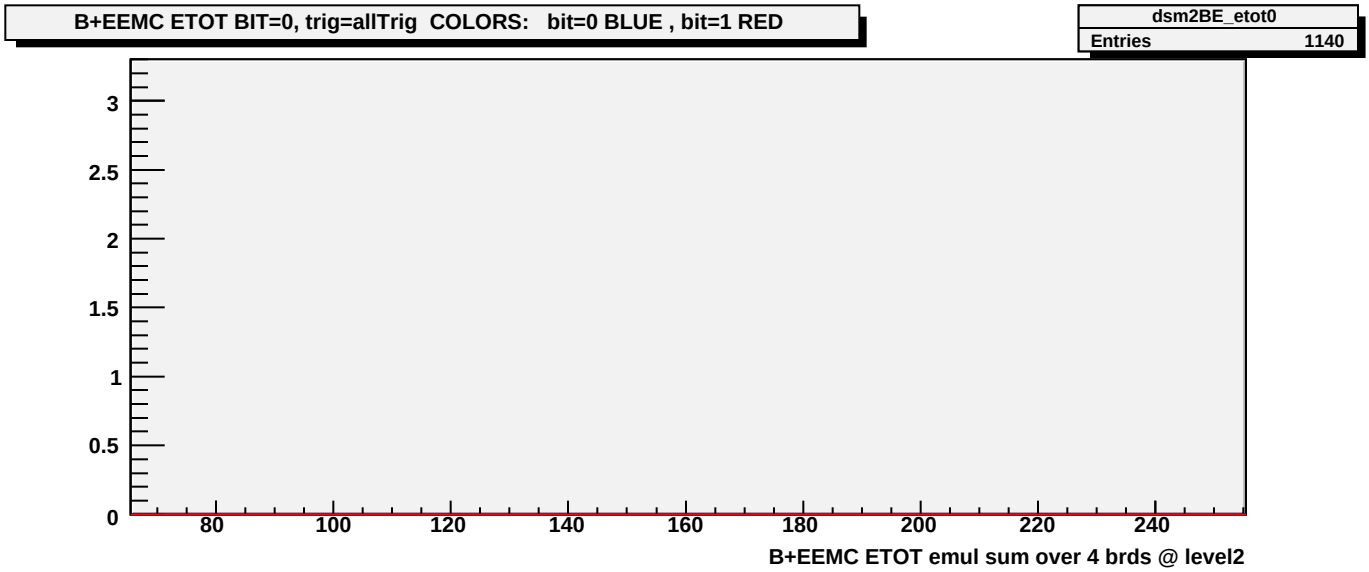

Emulated Sum Jet Patches 4 vs 5
JP45_cor
Entries 1140
Jet Patch 5 Sum
Jet Patch 4 Sum

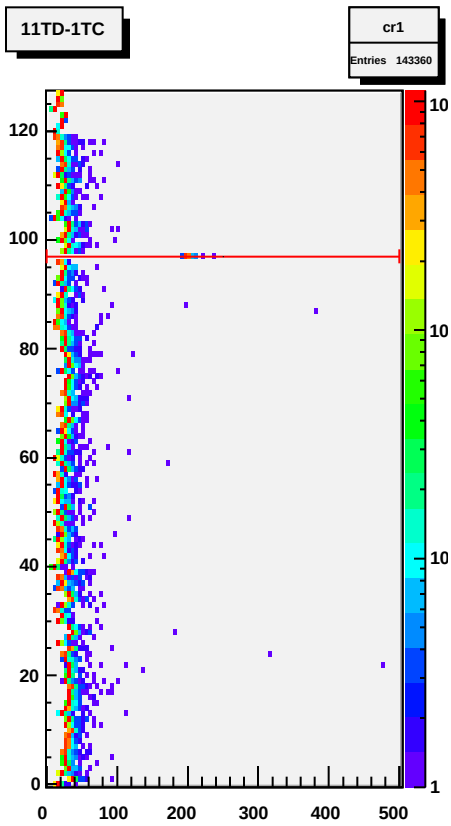

Emulated Sum Jet Patches 5 vs 6
JP56_cor
Entries 1140
Jet Patch 6 Sum
Jet Patch 5 Sum

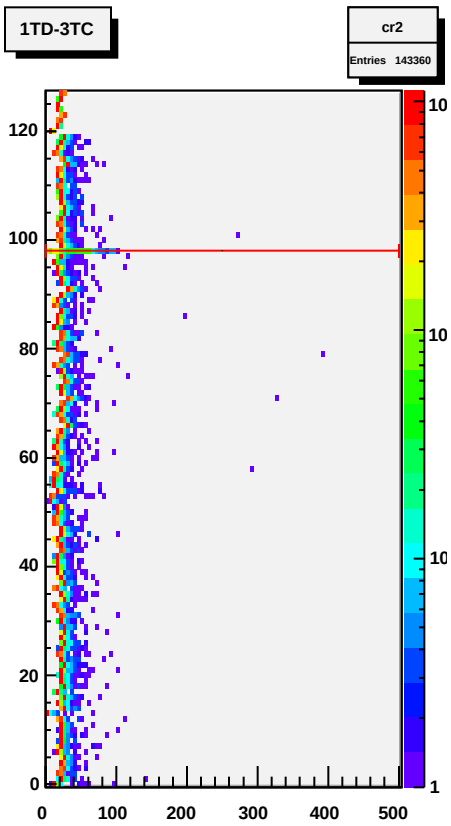

Emulated Sum Jet Patches 6 vs 1
JP61_cor
Entries 1140
Jet Patch 1 Sum
Jet Patch 6 Sum

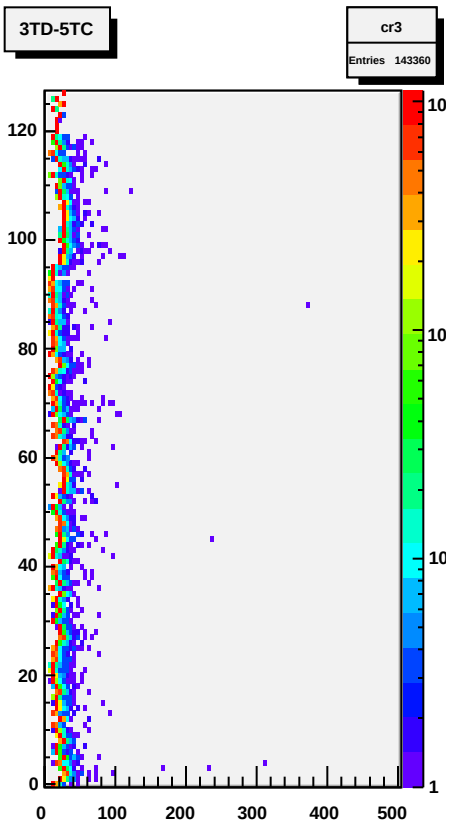

EEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2E_etot0
Entries 528
1
20
25
30
35
40
45
50
55
60
EEMC ETOT emul sum over 1 brd @ level2

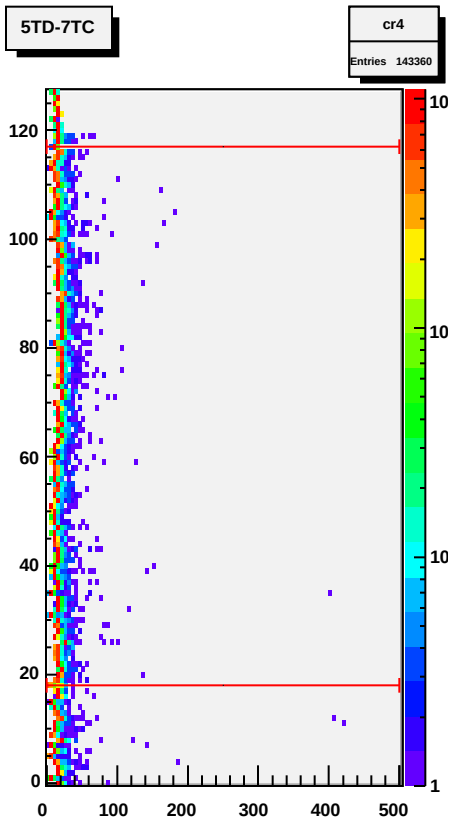

BEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2B_etot0
Entries 1121
3
2.5
2
1.5
1
0.5
0
80
100
120
140
160
180
200
220
240
BEMC ETOT emul sum over 3 brds @ level2

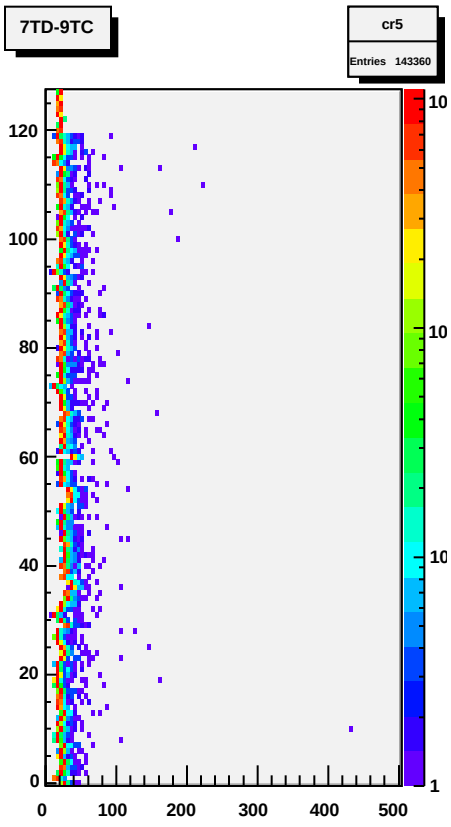

B+EEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2BE_etot0
Entries 1140
3
2.5
2
1.5
1
0.5
0
80
100
120
140
160
180
200
220
240
B+EEMC ETOT emul sum over 4 brds @ level2

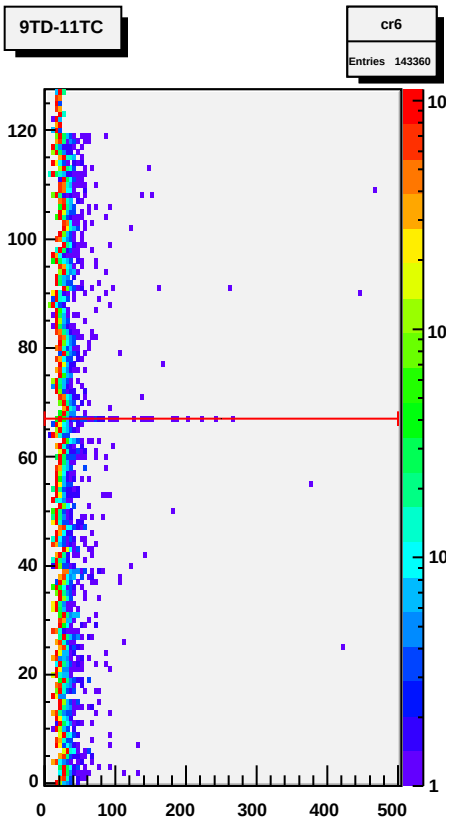

11TD-1TC
cr1
Entries 143360

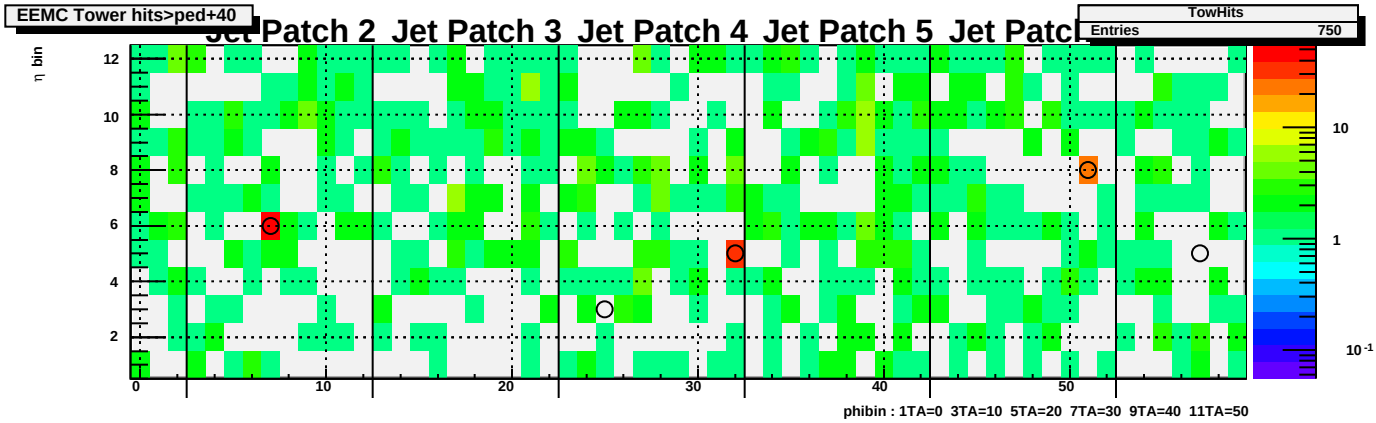

1TD-3TC
cr2
Entries 143360

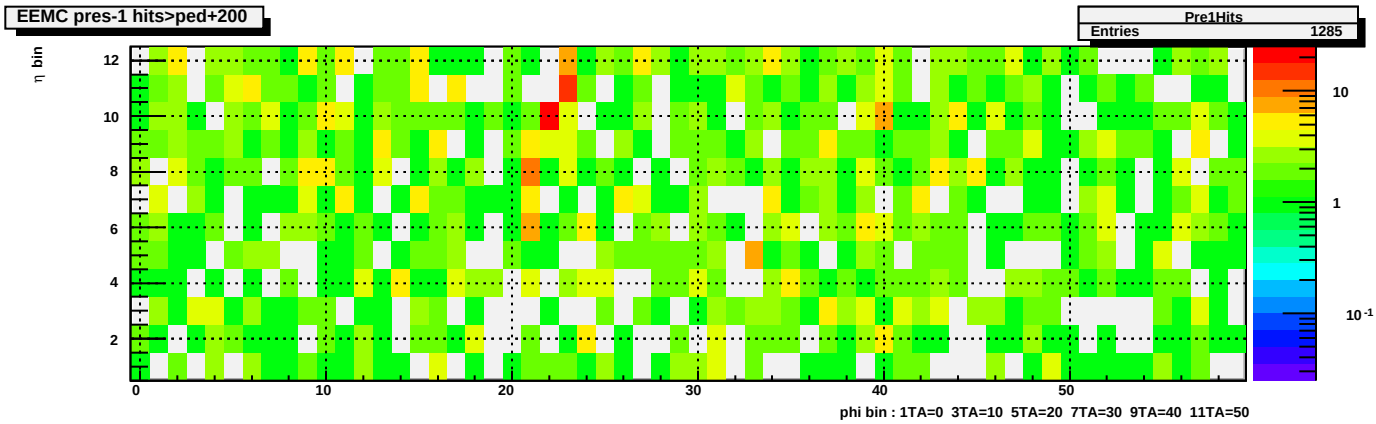

3TD-5TC
cr3
Entries 143360

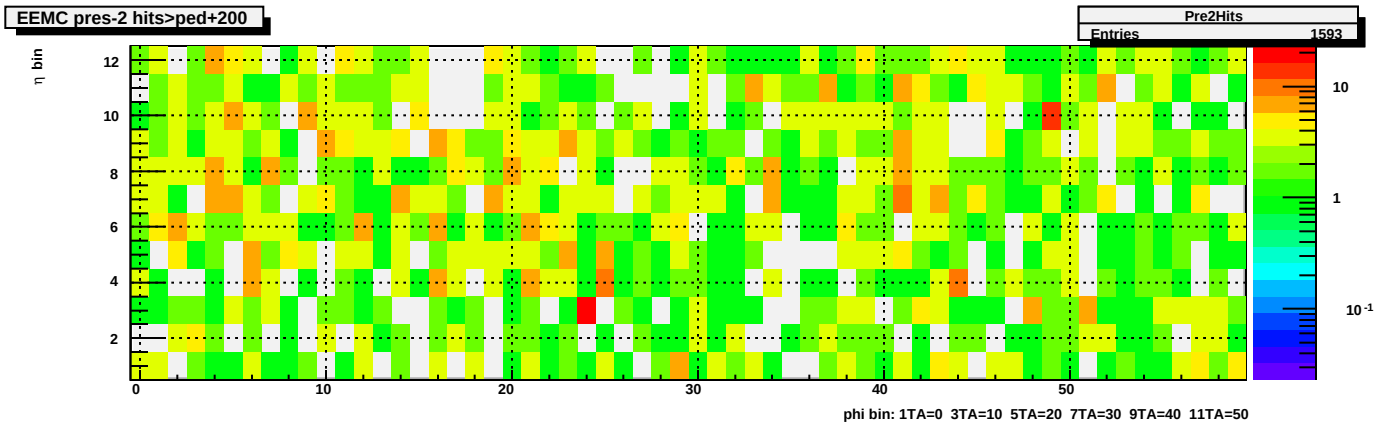

5TD-7TC
cr4
Entries 143360

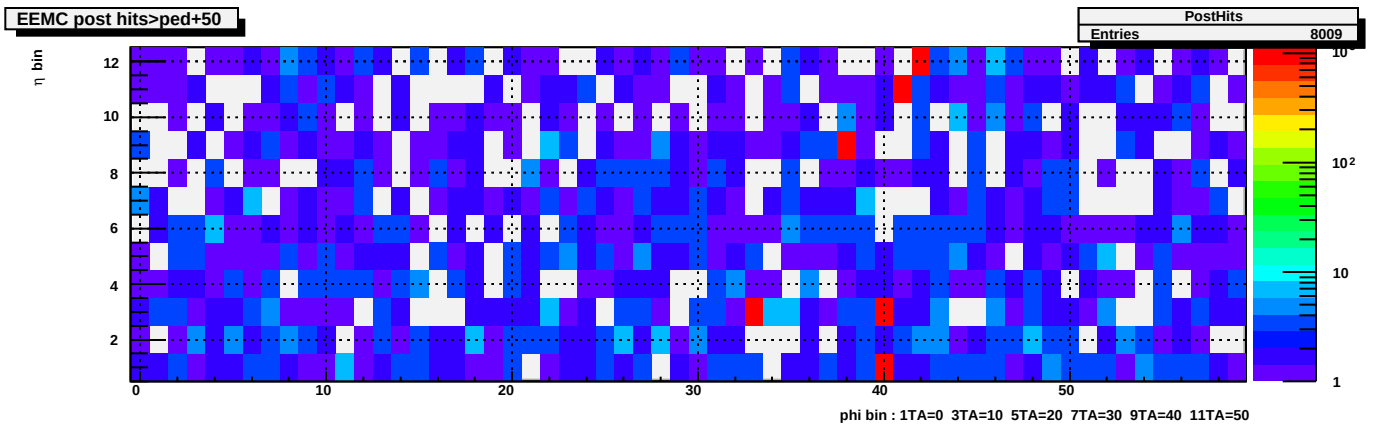

7TD-9TC
cr5
Entries 143360

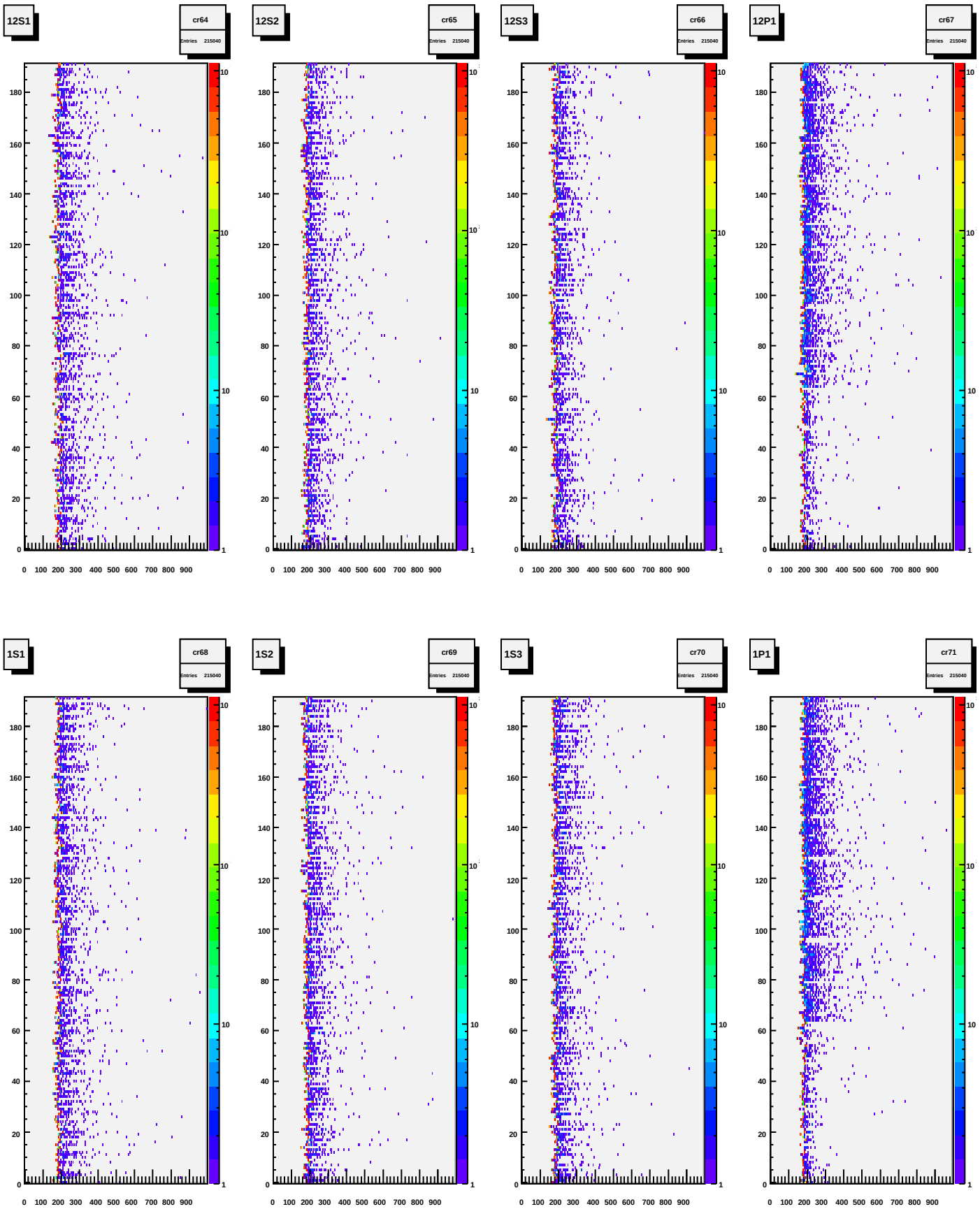

9TD-11TC
cr6
Entries 143360

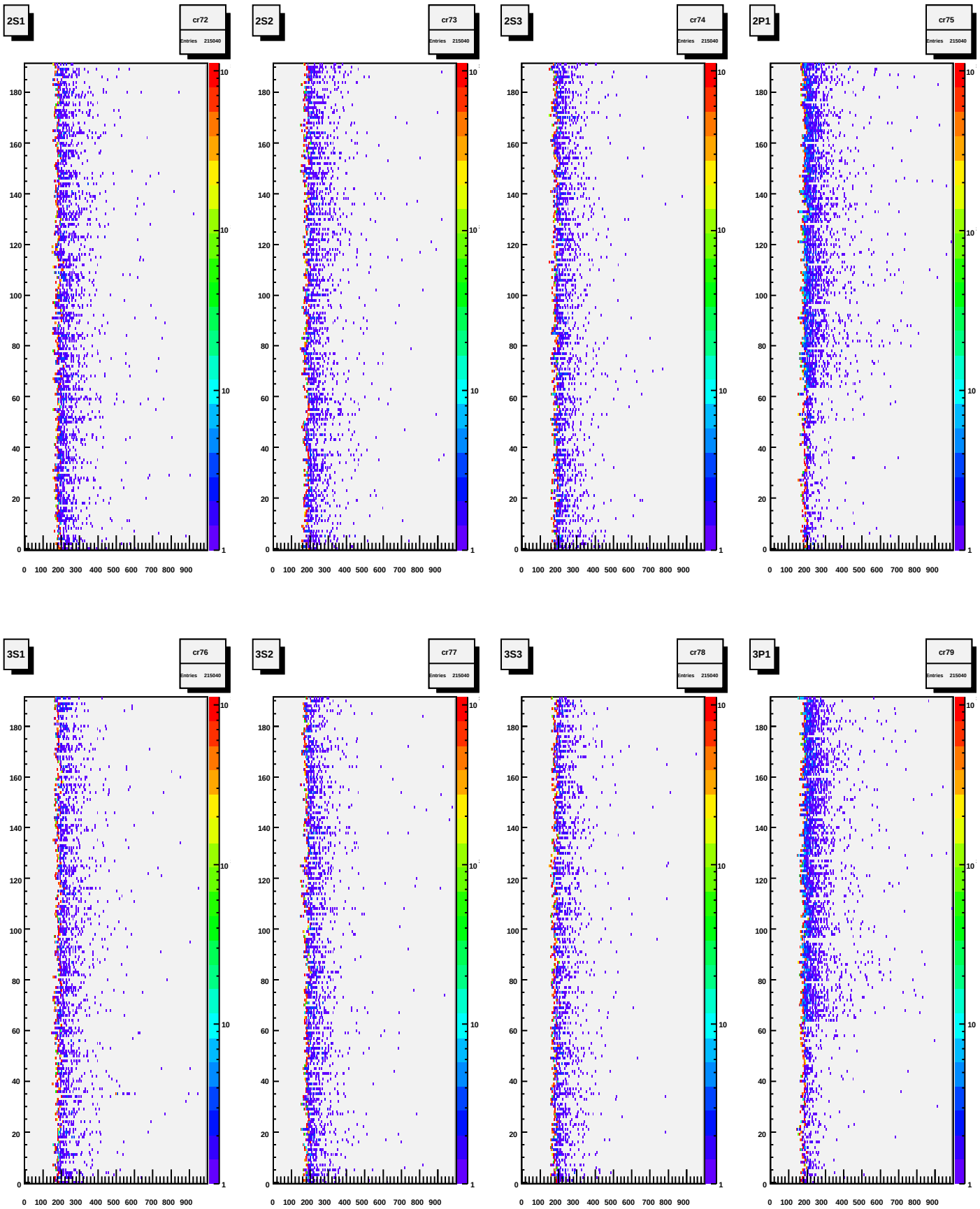

EEMC Tower hits>ped+40
Jet Patch 2 Jet Patch 3 Jet Patch 4 Jet Patch 5 Jet Patch
TowHits
Entries 750
η bin
phibin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

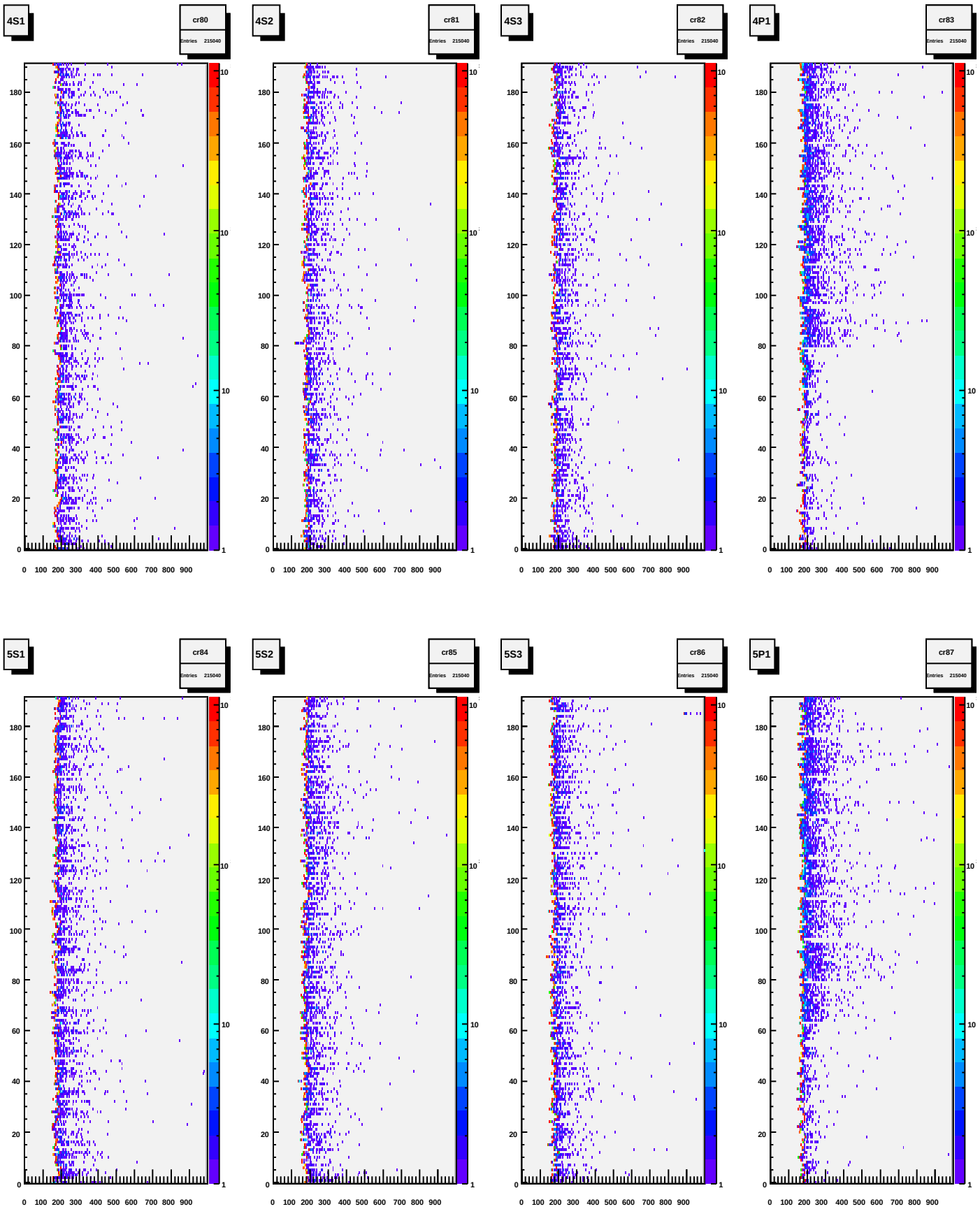

EEMC pres-1 hits>ped+200
Pre1Hits
Entries 1285
η bin
phi bin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

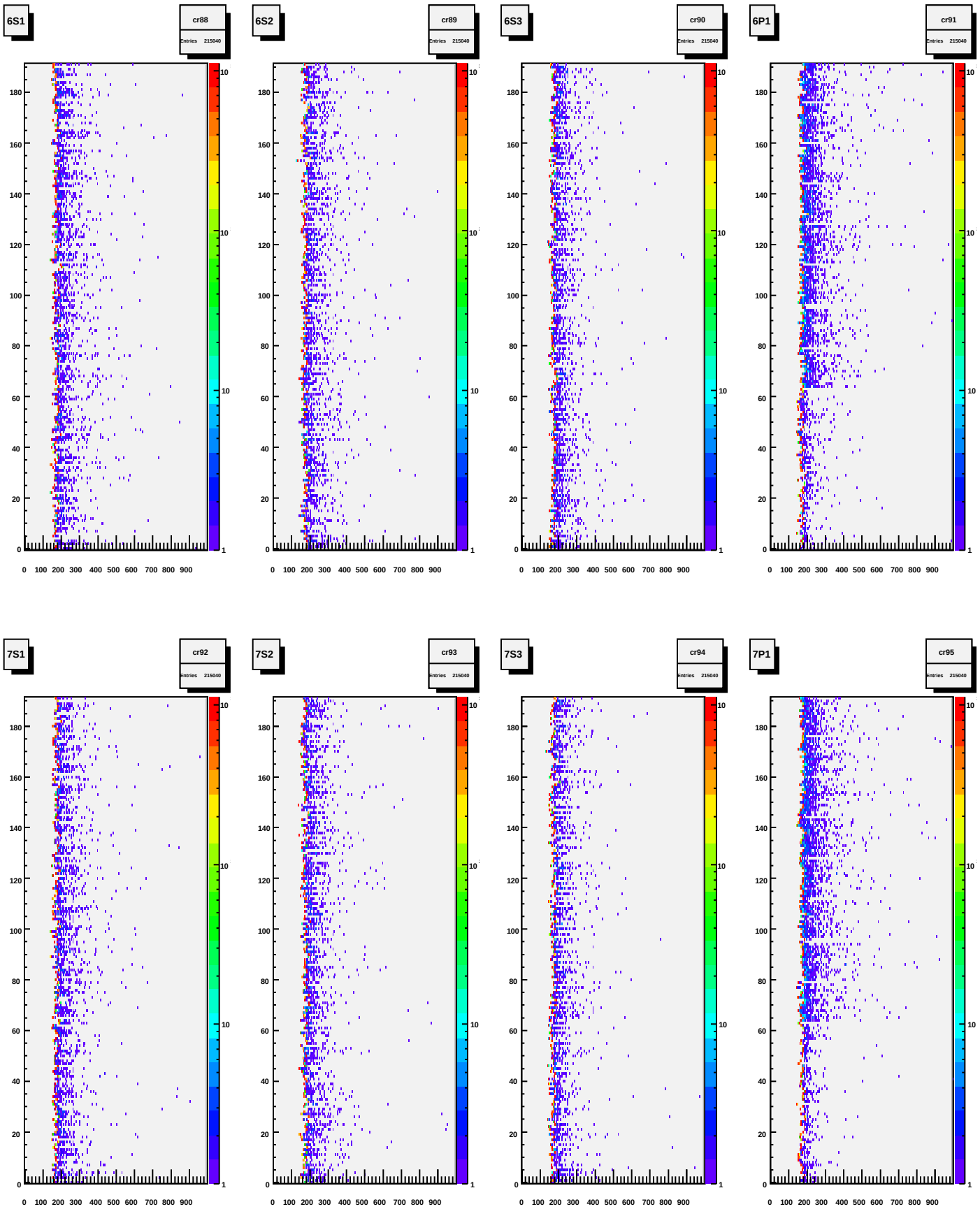

EEMC pres-2 hits>ped+200
Pre2Hits
Entries 1593
η bin
phi bin: 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

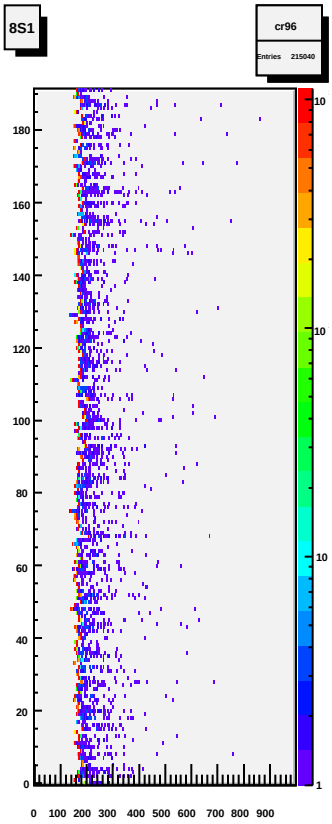

EEMC post hits>ped+50
PostHits
Entries 8009
η bin
phi bin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

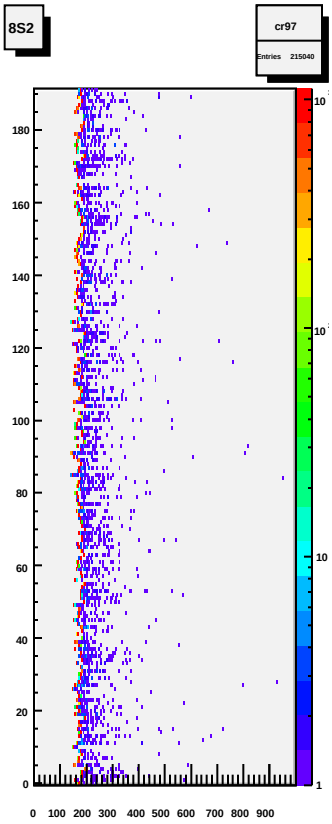

12S1
cr64
Entries 215040
12S2
cr65
Entries 215040
12S3
cr66
Entries 215040
12P1
cr67
Entries 215040
1S1
cr68
Entries 215040
1S2
cr69
Entries 215040
1S3
cr70
Entries 215040
1P1
cr71
Entries 215040

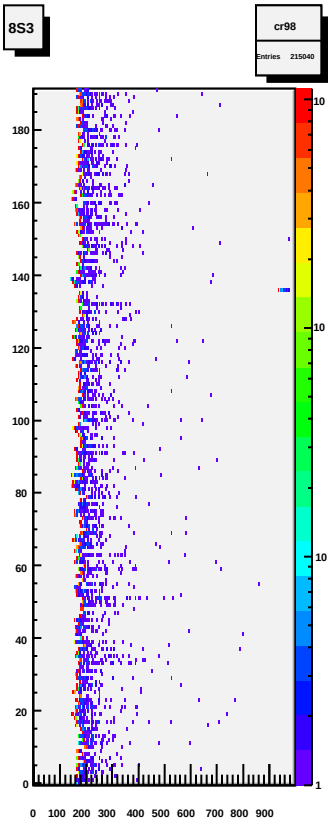

2S1
cr72
Entries 215040
2S2
cr73
Entries 215040
2S3
cr74
Entries 215040
2P1
cr75
Entries 215040
3S1
cr76
Entries 215040
3S2
cr77
Entries 215040
3S3
cr78
Entries 215040
3P1
cr79
Entries 215040

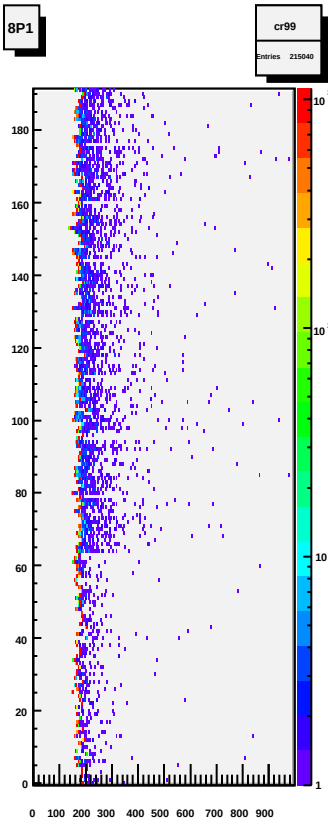

4S1
cr80
Entries 215040
4S2
cr81
Entries 215040
4S3
cr82
Entries 215040
4P1
cr83
Entries 215040
5S1
cr84
Entries 215040
5S2
cr85
Entries 215040
5S3
cr86
Entries 215040
5P1
cr87
Entries 215040
0 100 200 300 400 500 600 700 800 900
0 20 40 60 80 100 120 140 160 180
1 10 10 10

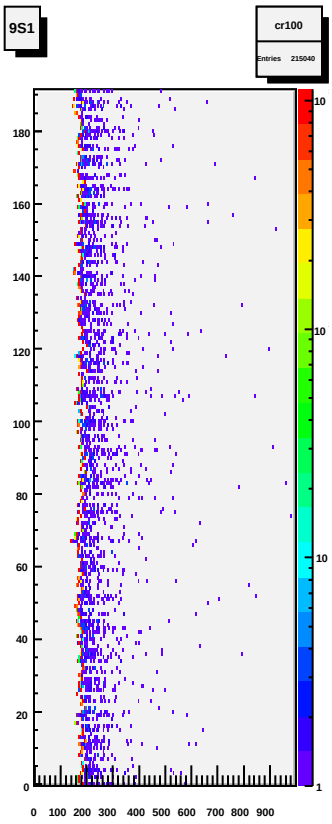

6S1
cr88
Entries 215040
6S2
cr89
Entries 215040
6S3
cr90
Entries 215040
6P1
cr91
Entries 215040
7S1
cr92
Entries 215040
7S2
cr93
Entries 215040
7S3
cr94
Entries 215040
7P1
cr95
Entries 215040
0 100 200 300 400 500 600 700 800 900
0 20 40 60 80 100 120 140 160 180
1 10 10 10

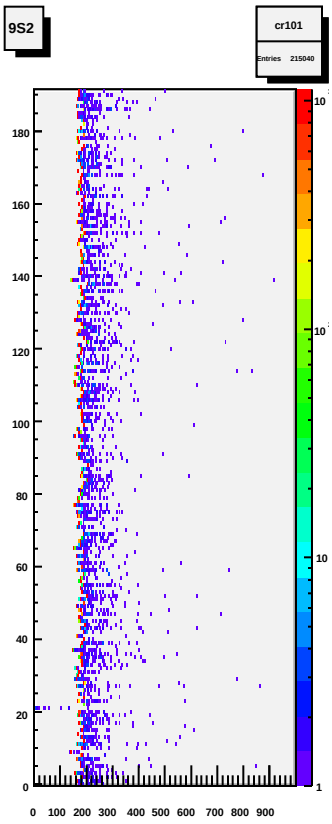

8S1
cr96
Entries 215040

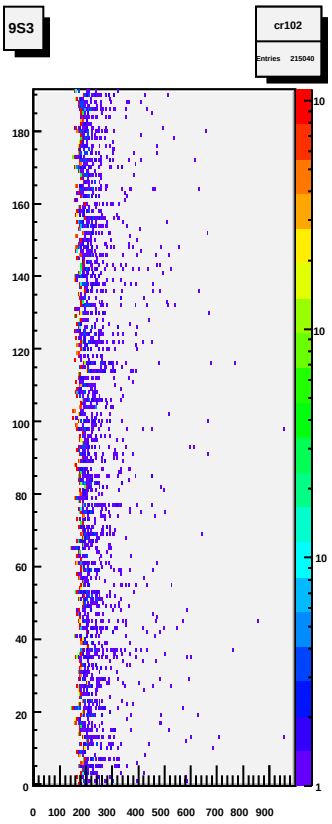

8S2
cr97
Entries 215040

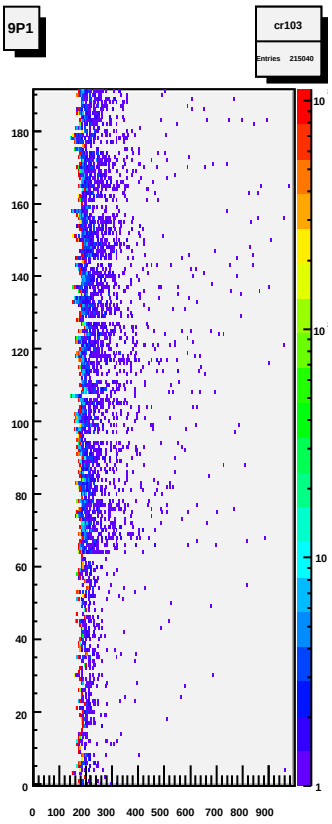

8S3
cr98
Entries 215040

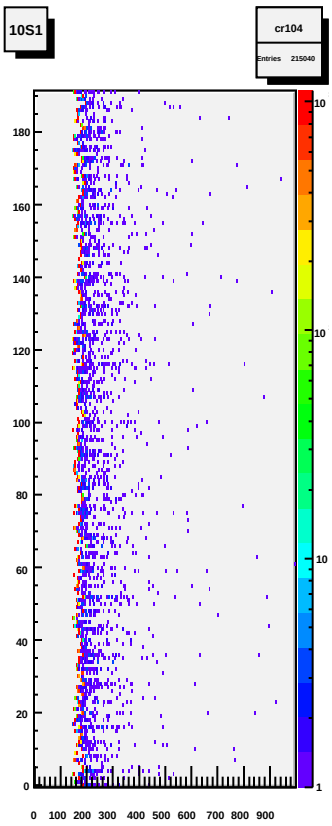

8P1
cr99
Entries 215040

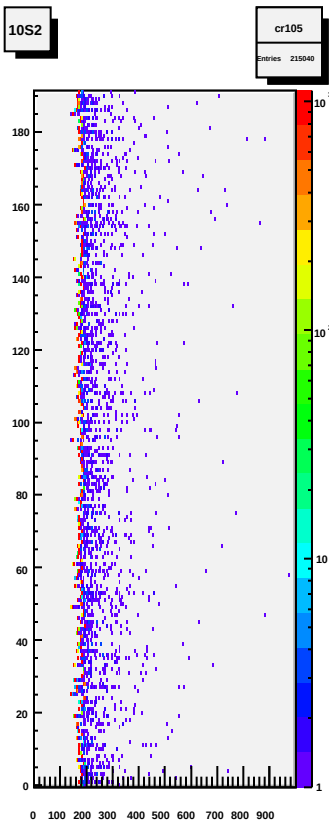

9S1
cr100
Entries 215040

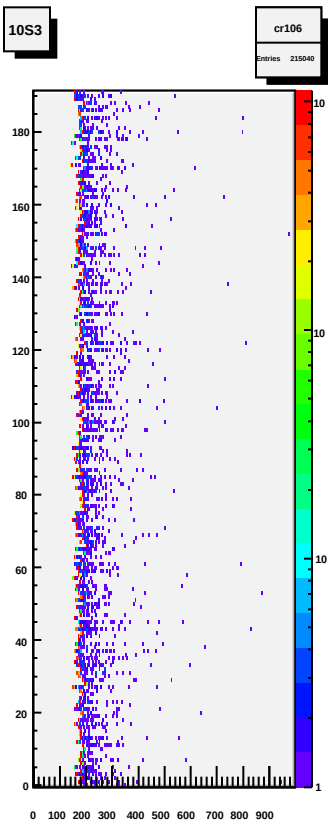

9S2
cr101
Entries 215040

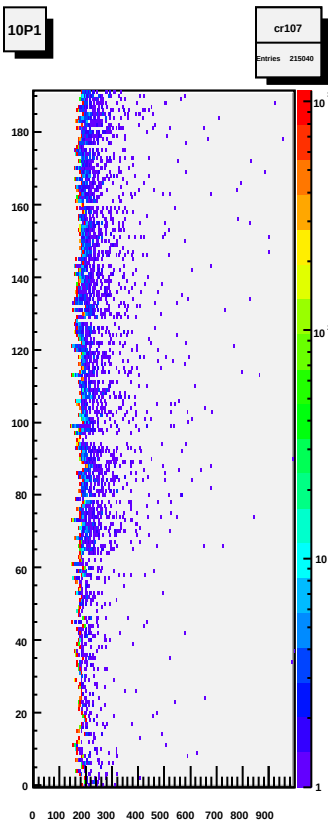

9S3
cr102
Entries 215040

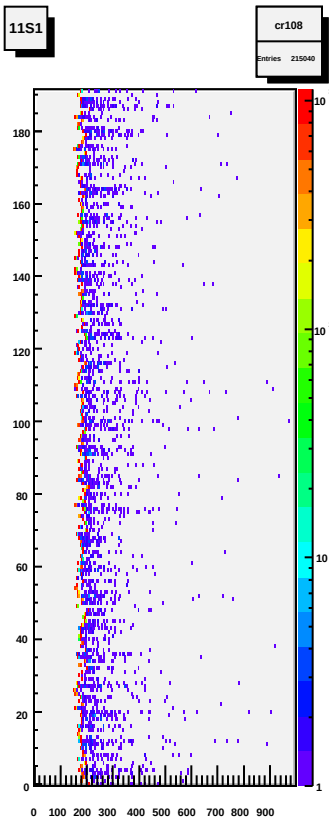

9P1
cr103
Entries 215040

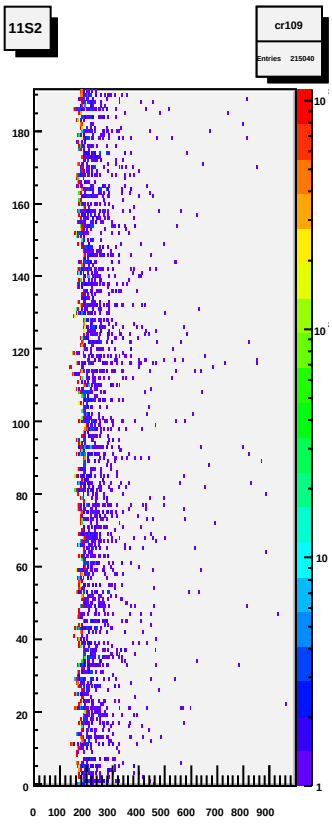

10S1
cr104
Entries 215040

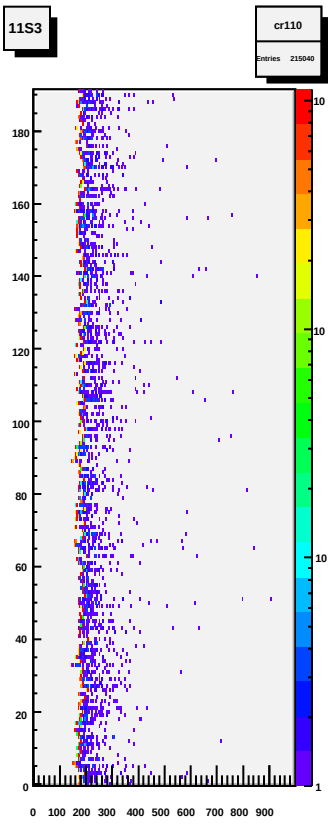

10S2
cr105
Entries 215040

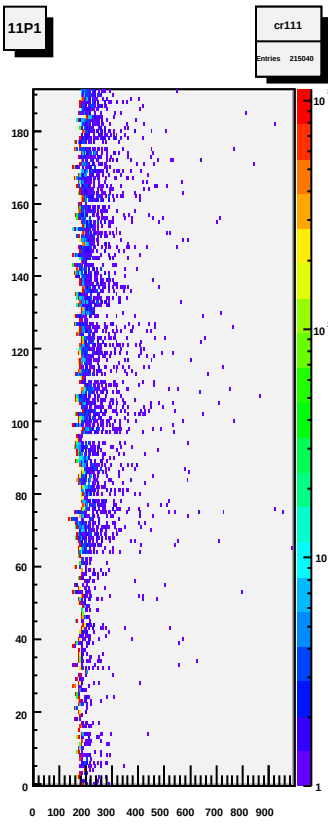

10S3
cr106
Entries 215040

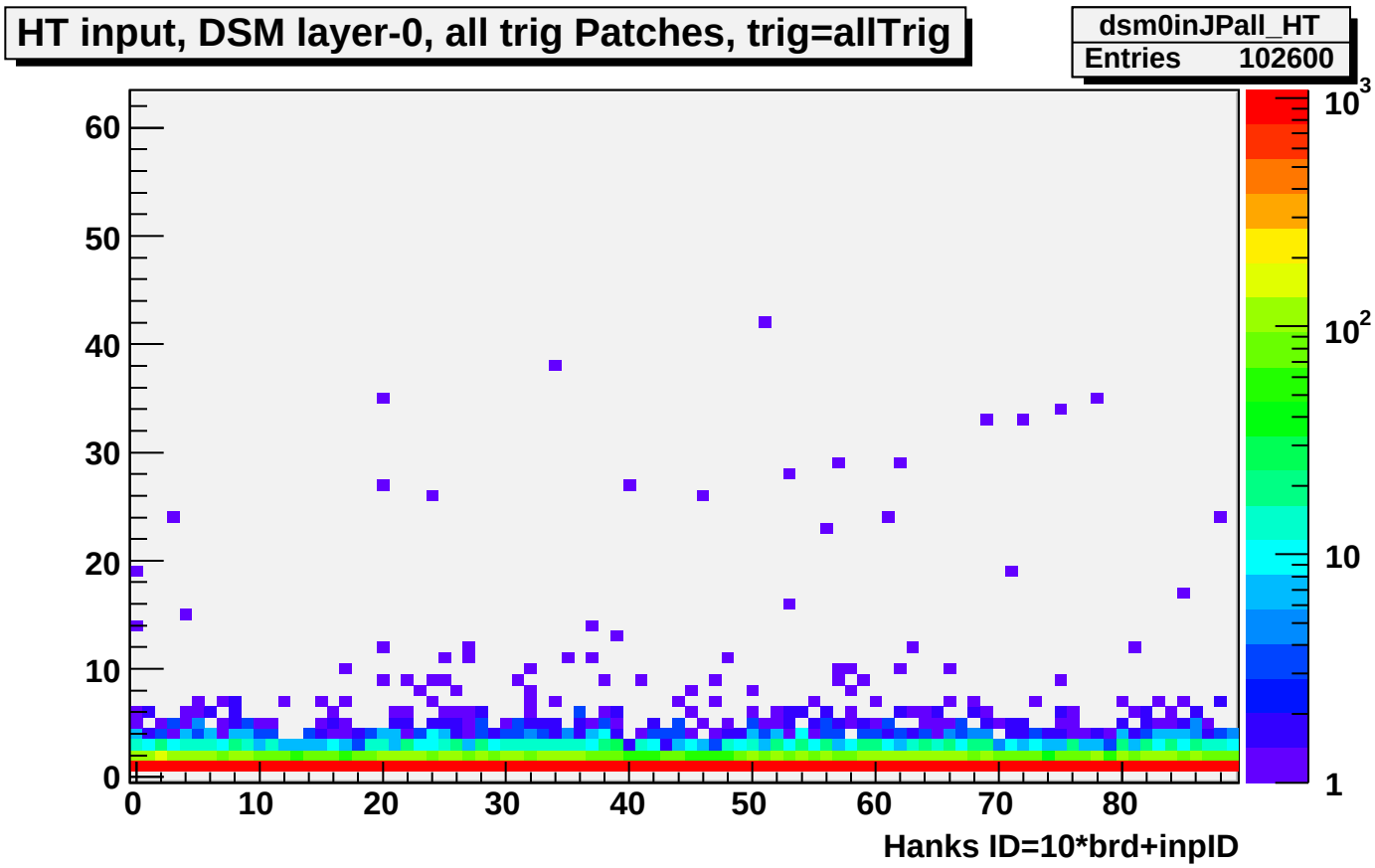

10P1
cr107
Entries 215040

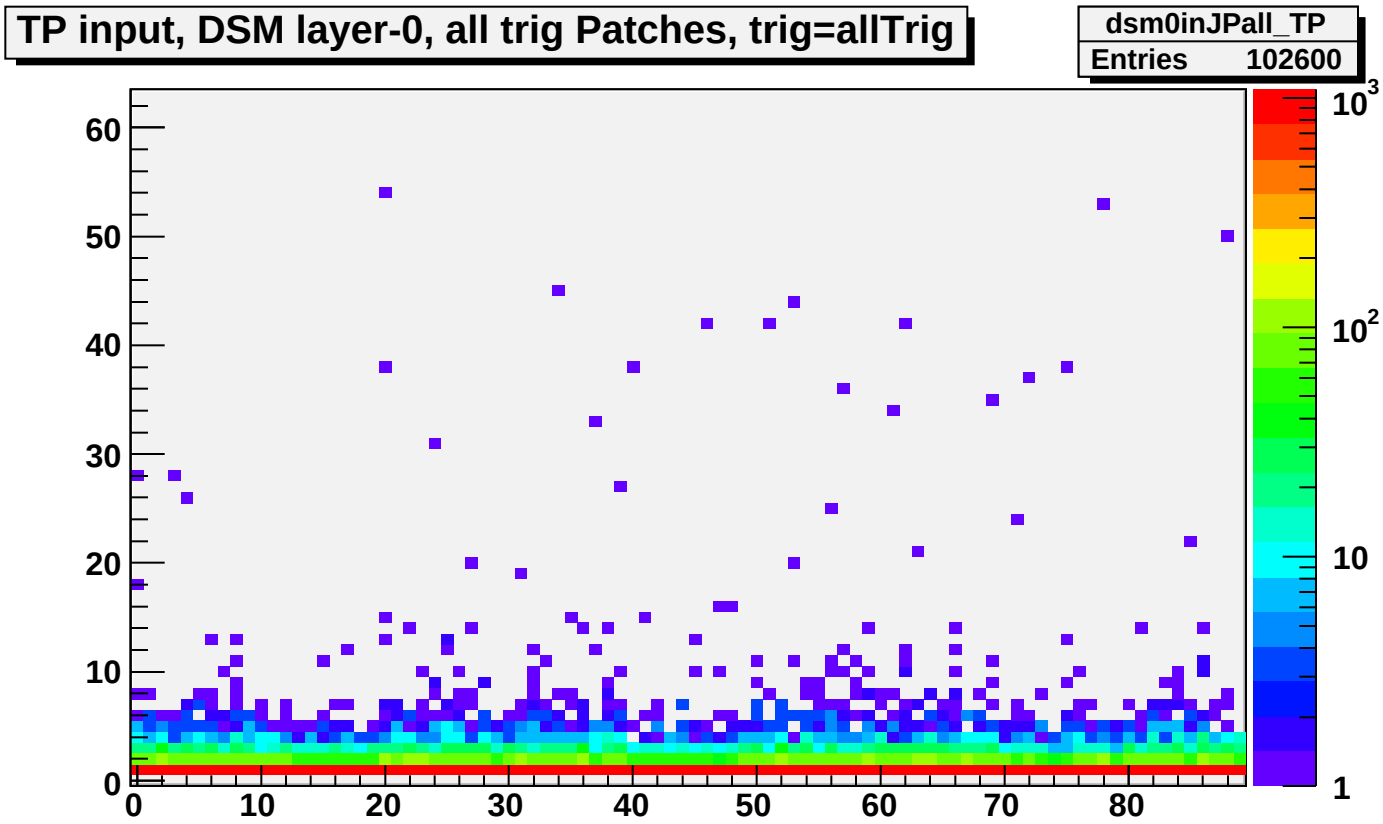

11S1
cr108
Entries 215040

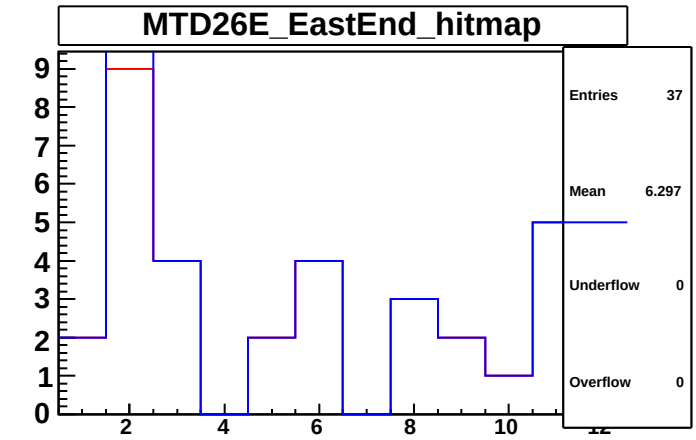

11S2
cr109
Entries 215040

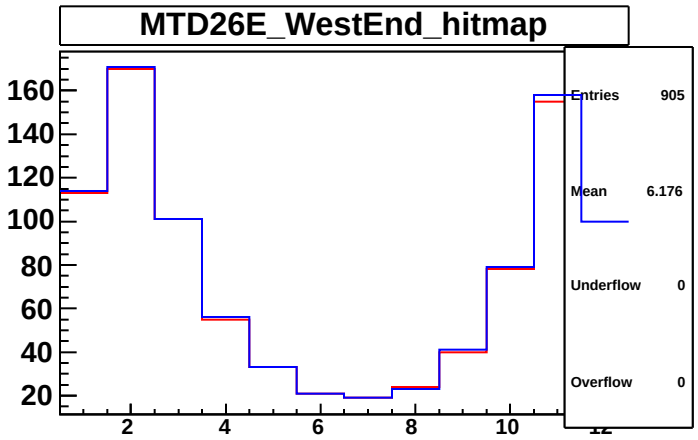

11S3
cr110
Entries 215040

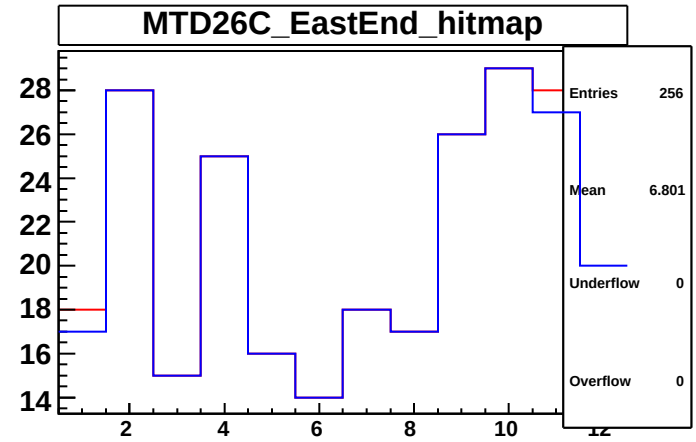

11P1
cr111
Entries 215040

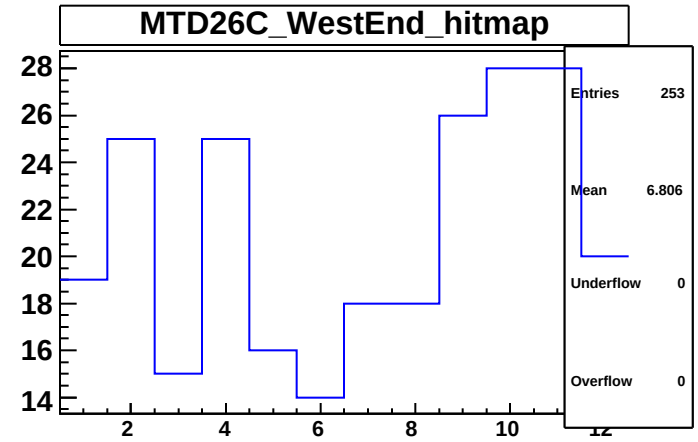

HT input, DSM layer-0, all trig Patches, trig=allTrig
dsm0inJPall_HT
Entries 102600
Hanks ID=10*brd+inpID

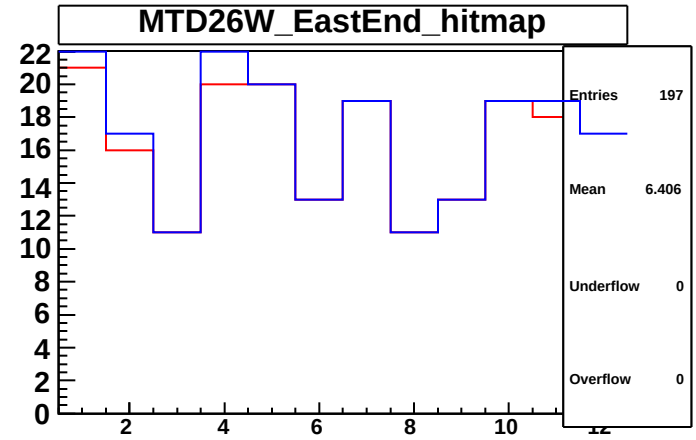

TP input, DSM layer-0, all trig Patches, trig=allTrig
dsm0inJPall_TP
Entries 102600

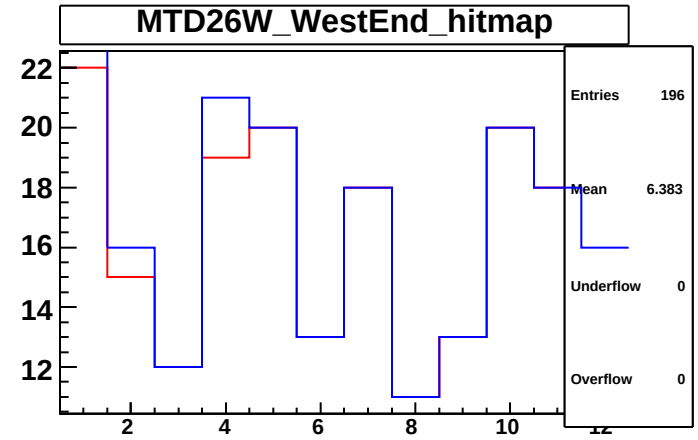

MTD26E_EastEnd_hitmap
Entries 37
Mean 6.297
Underflow 0
Overflow 0

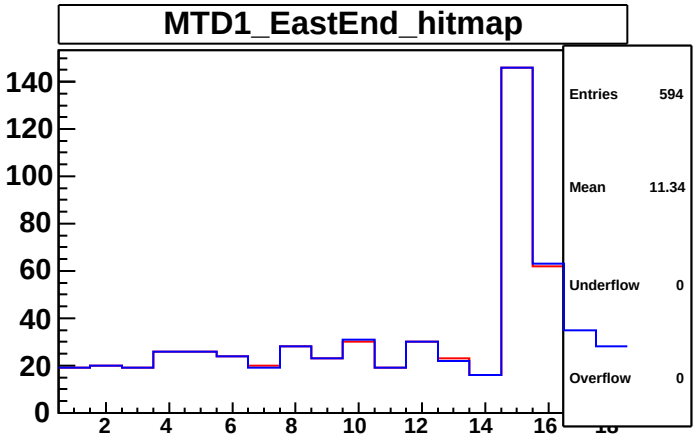

MTD26E_WestEnd_hitmap
Entries 905
Mean 6.176
Underflow 0
Overflow 0

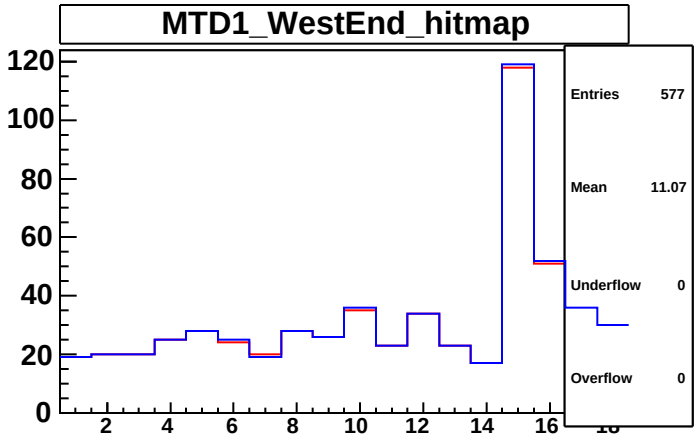

MTD26C_EastEnd_hitmap
Entries 256
Mean 6.801
Underflow 0
Overflow 0

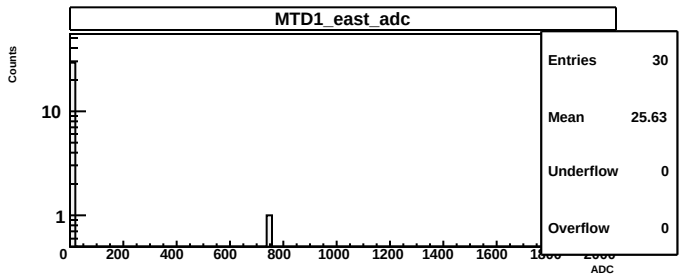

MTD26C_WestEnd_hitmap
Entries 253
Mean 6.806
Underflow 0
Overflow 0

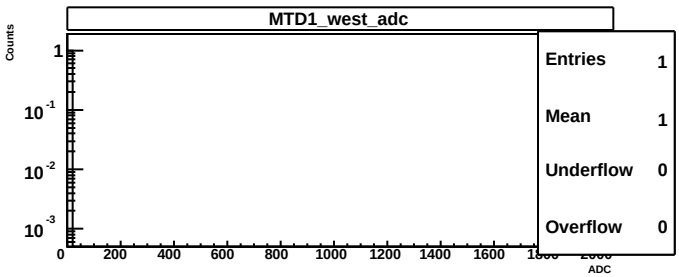

MTD26W_EastEnd_hitmap
Entries 197
Mean 6.406
Underflow 0
Overflow 0

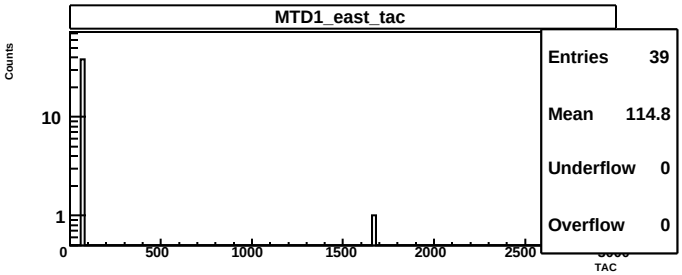

MTD26W_WestEnd_hitmap
Entries 196
Mean 6.383
Underflow 0
Overflow 0

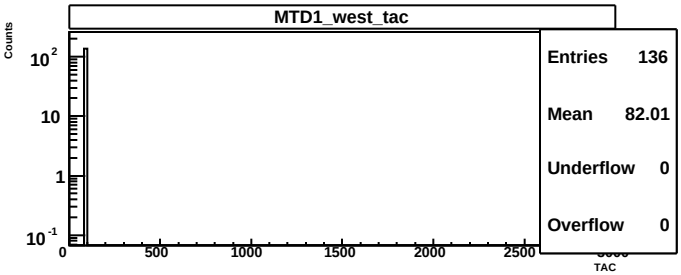

MTD1_EastEnd_hitmap
Entries 594
Mean 11.34
Underflow 0
Overflow 0

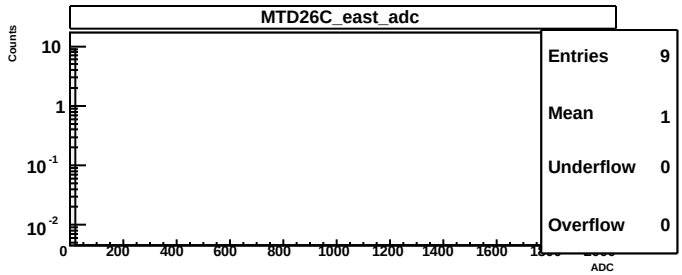

MTD1_WestEnd_hitmap
Entries 577
Mean 11.07
Underflow 0
Overflow 0

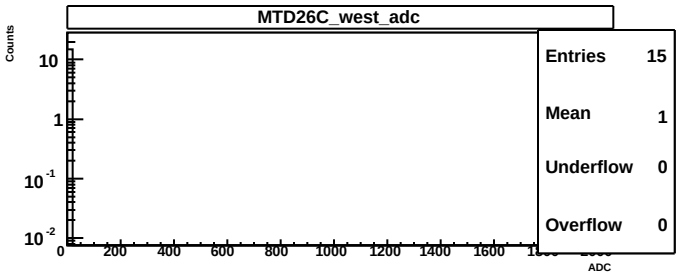

MTD1_east_adc
Counts
ADC
Entries 30
Mean 25.63
Underflow 0
Overflow 0

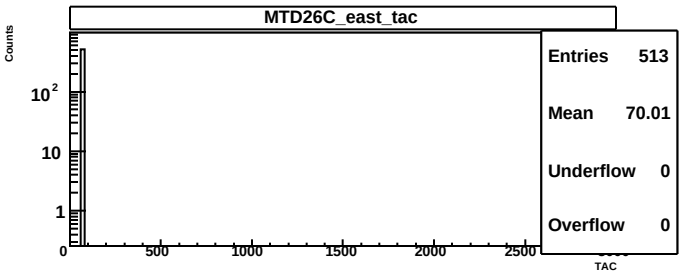

MTD1_west_adc
Counts
ADC
Entries 1
Mean 1
Underflow 0
Overflow 0

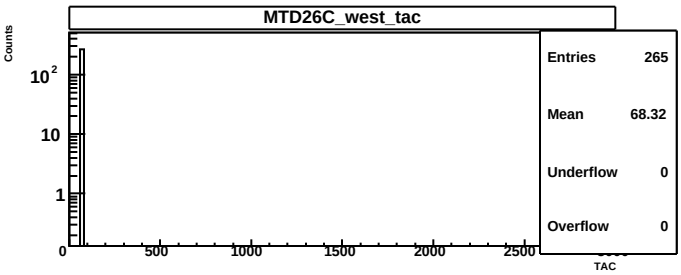

MTD1_east_tac
Counts
TAC
Entries 39
Mean 114.8
Underflow 0
Overflow 0

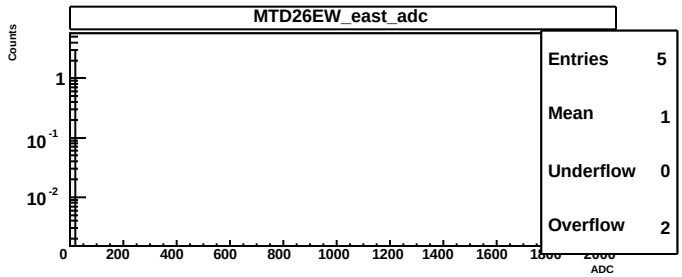

MTD1_west_tac
Counts
TAC
Entries 136
Mean 82.01
Underflow 0
Overflow 0

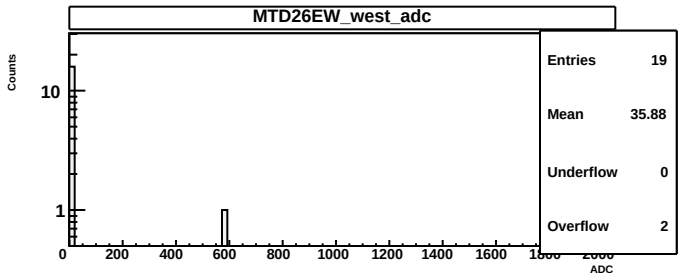

MTD26C_east_adc
Counts
ADC
Entries 9
Mean 1
Underflow 0
Overflow 0

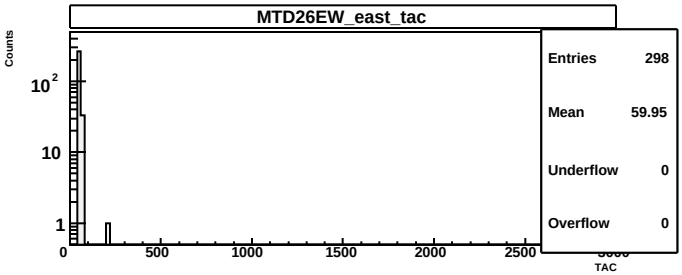

MTD26C_west_adc
Counts
ADC
Entries 15
Mean 1
Underflow 0
Overflow 0

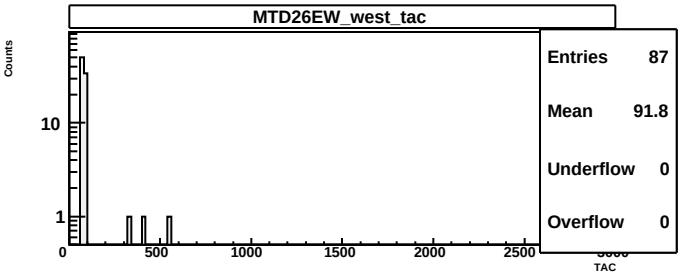

MTD26C_east_tac
Counts
TAC
Entries 513
Mean 70.01
Underflow 0
Overflow 0

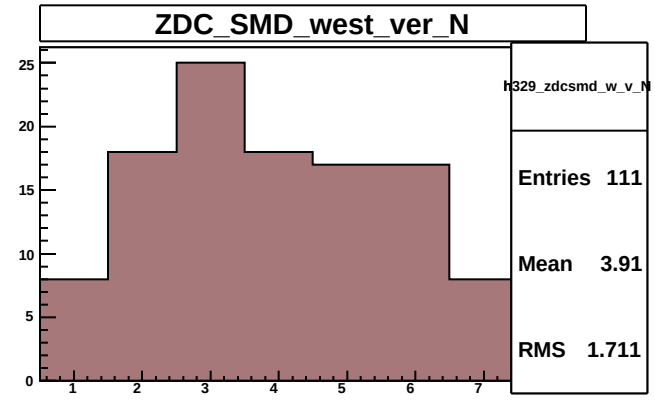

MTD26C_west_tac
Counts
TAC
Entries 265
Mean 68.32
Underflow 0
Overflow 0

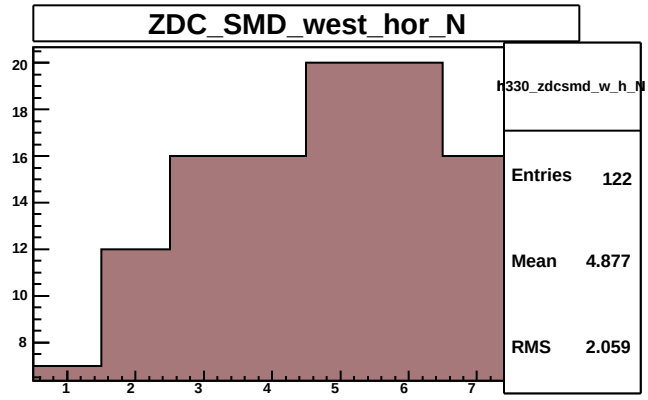

MTD26EW_east_adc
Counts
ADC
Entries 5
Mean 1
Underflow 0
Overflow 2

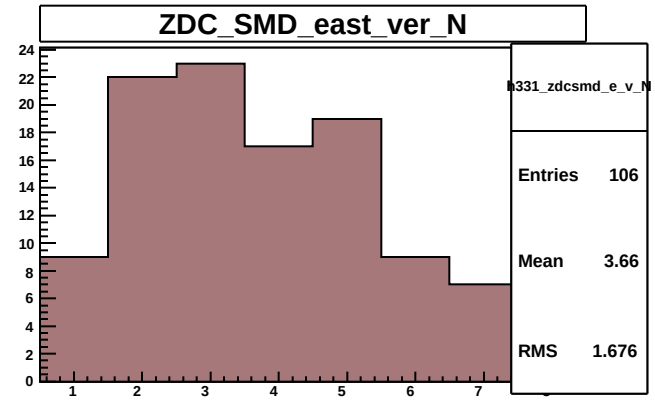

MTD26EW_west_adc
Counts
ADC
Entries 19
Mean 35.88
Underflow 0
Overflow 2

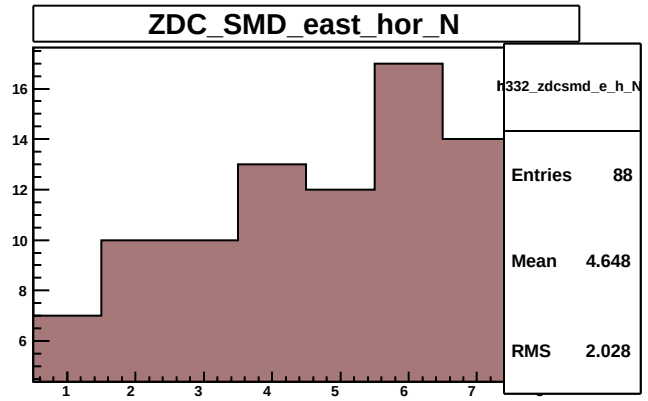

MTD26EW_east_tac
Counts
TAC
Entries 298
Mean 59.95
Underflow 0
Overflow 0

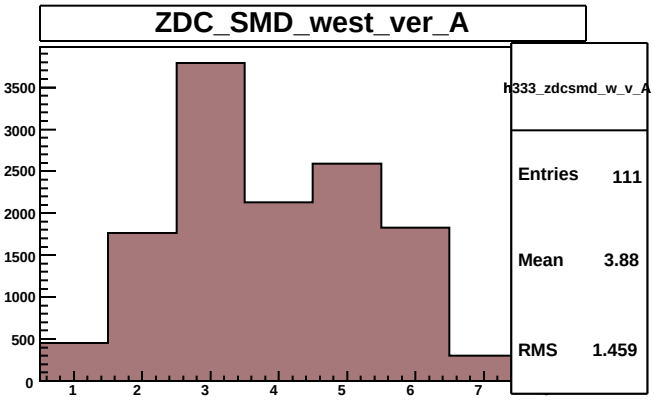

MTD26EW_west_tac
Counts
TAC
Entries 87
Mean 91.8
Underflow 0
Overflow 0

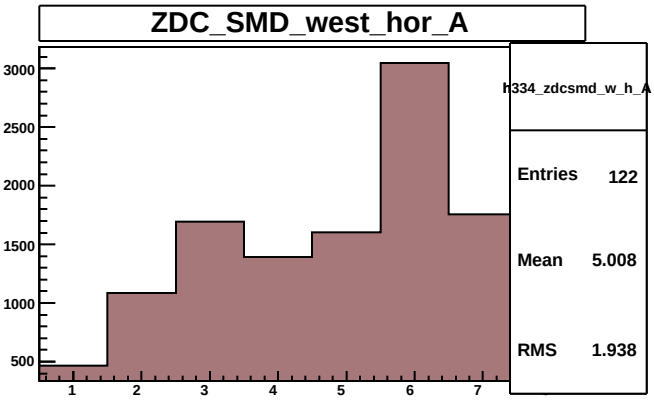

ZDC_SMD_west_ver_N
h329_zdcsmd_w_v_N
Entries 111
Mean 3.91
RMS 1.711

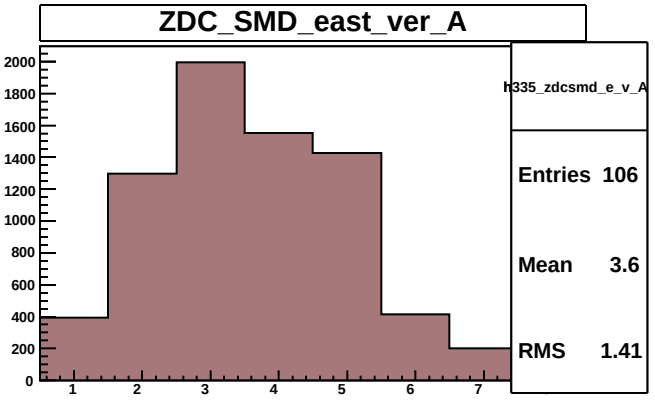

ZDC_SMD_west_hor_N
h330_zdcsmd_w_h_N
Entries 122
Mean 4.877
RMS 2.059

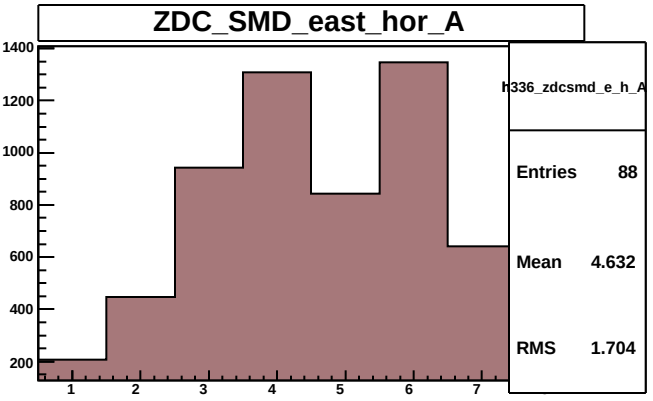

ZDC_SMD_east_ver_N
h331_zdcsmd_e_v_N
Entries 106
Mean 3.66
RMS 1.676

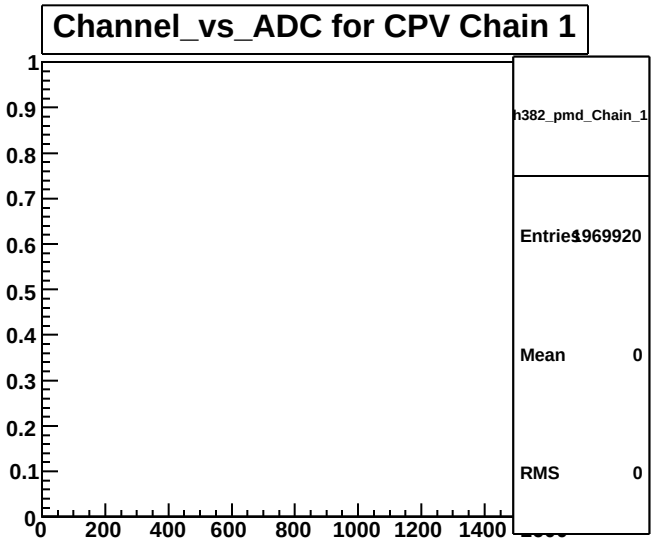

ZDC_SMD_east_hor_N
h332_zdcsmd_e_h_N
Entries 88
Mean 4.648
RMS 2.028

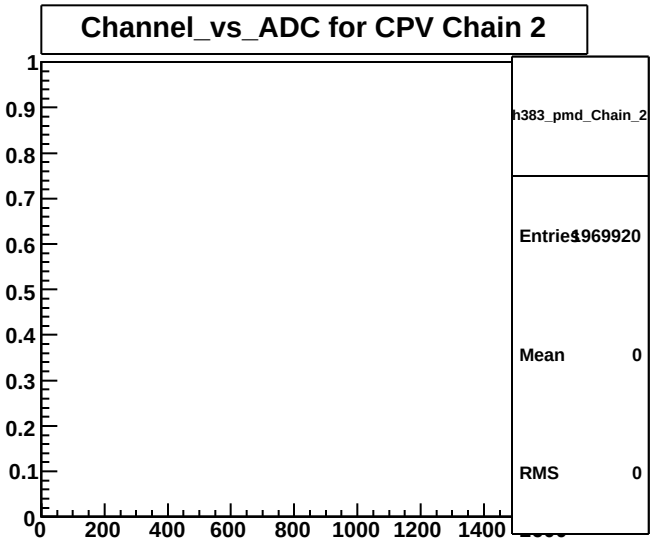

ZDC_SMD_west_ver_A
h333_zdcsmd_w_v_A
Entries 111
Mean 3.88
RMS 1.459

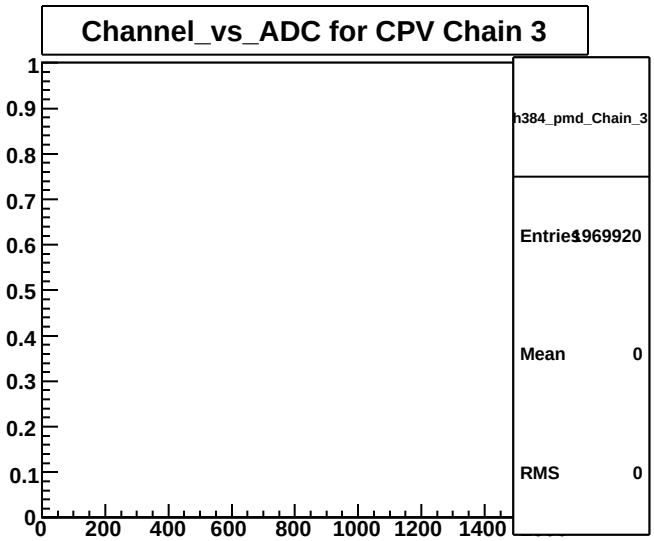

ZDC_SMD_west_hor_A
h334_zdcsmd_w_h_A
Entries 122
Mean 5.008
RMS 1.938

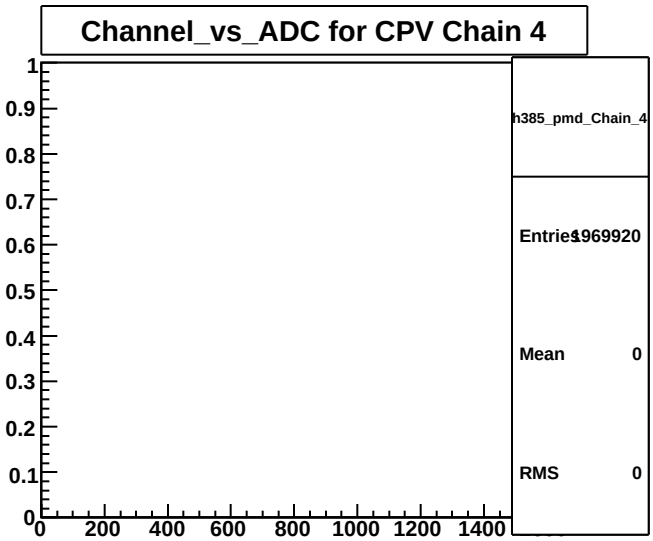

ZDC_SMD_east_ver_A
h335_zdcsmd_e_v_A
Entries 106
Mean 3.6
RMS 1.41

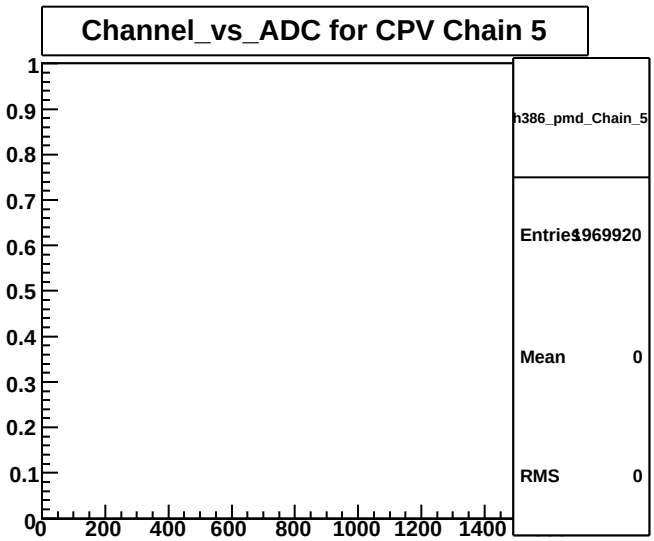

ZDC_SMD_east_hor_A
h336_zdcsmd_e_h_A
Entries 88
Mean 4.632
RMS 1.704

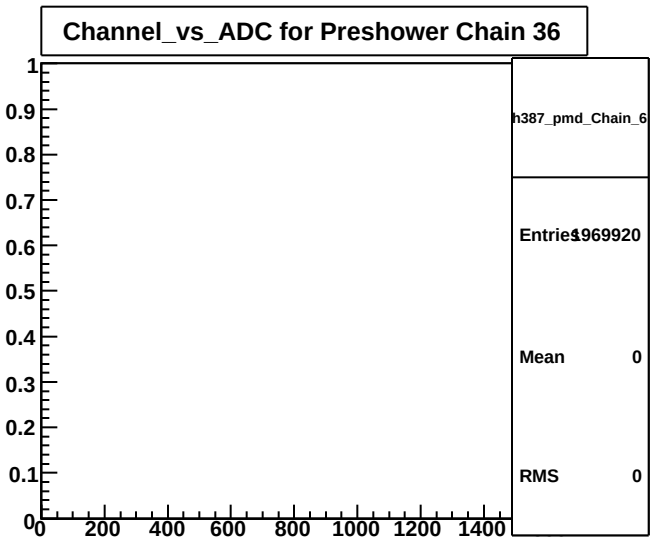

Channel_vs_ADC for CPV Chain 1
h382_pmd_Chain_1
Entries 1969920
Mean 0
RMS 0

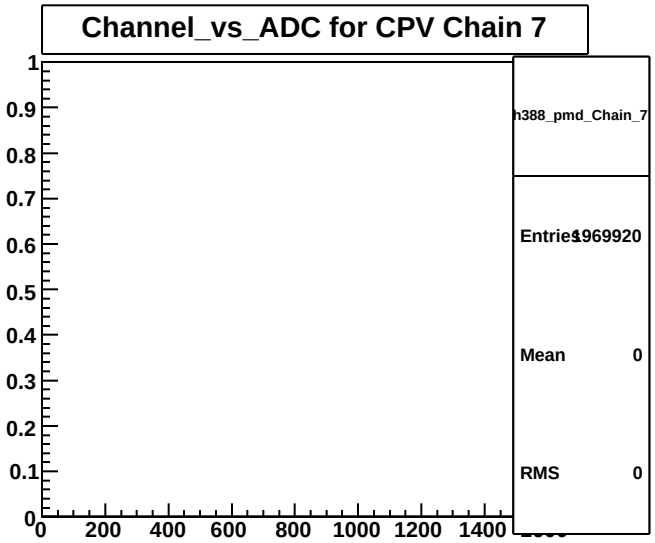

Channel_vs_ADC for CPV Chain 2
h383_pmd_Chain_2
Entries 1969920
Mean 0
RMS 0

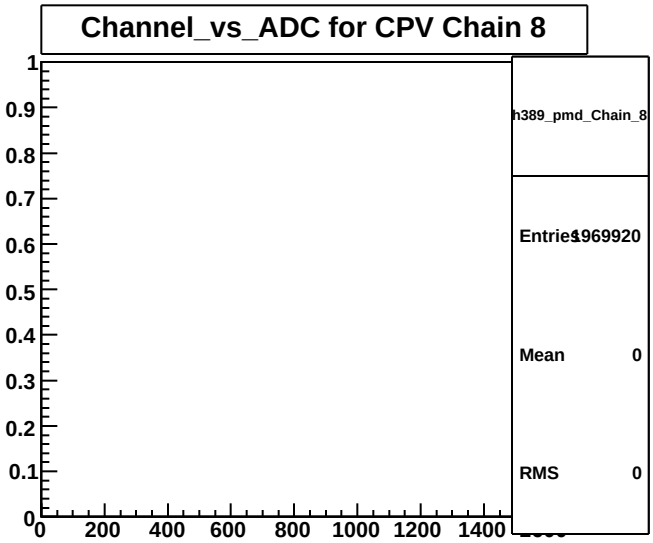

Channel_vs_ADC for CPV Chain 3
h384_pmd_Chain_3
Entries 1969920
Mean 0
RMS 0

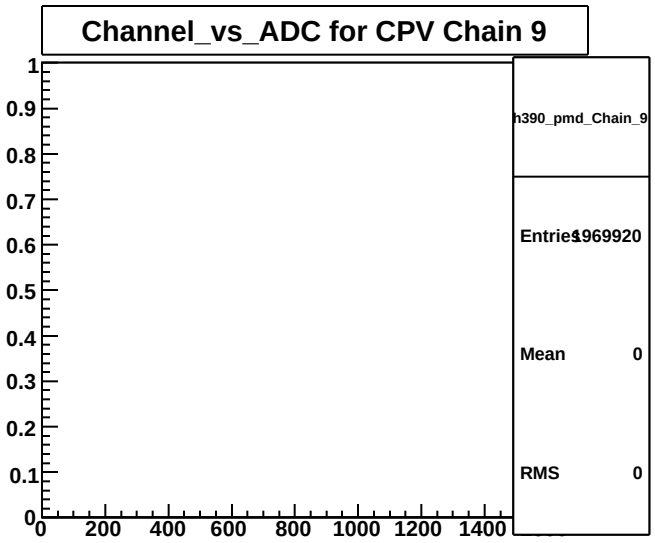

Channel_vs_ADC for CPV Chain 4
h385_pmd_Chain_4
Entries 1969920
Mean 0
RMS 0

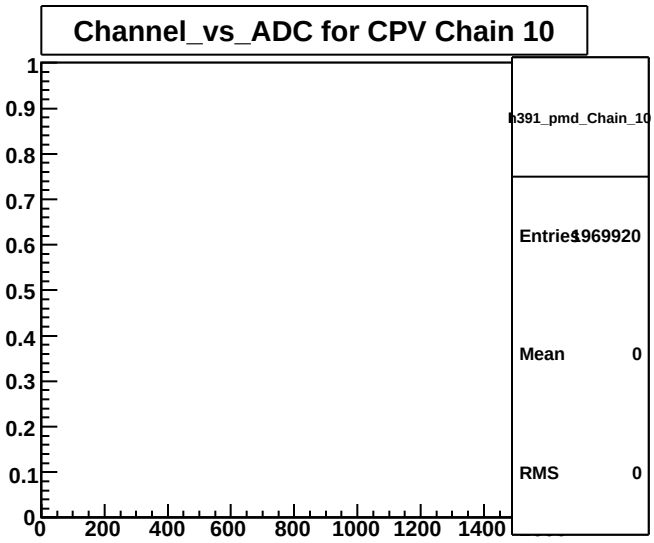

Channel_vs_ADC for CPV Chain 5
h386_pmd_Chain_5
Entries 1969920
Mean 0
RMS 0

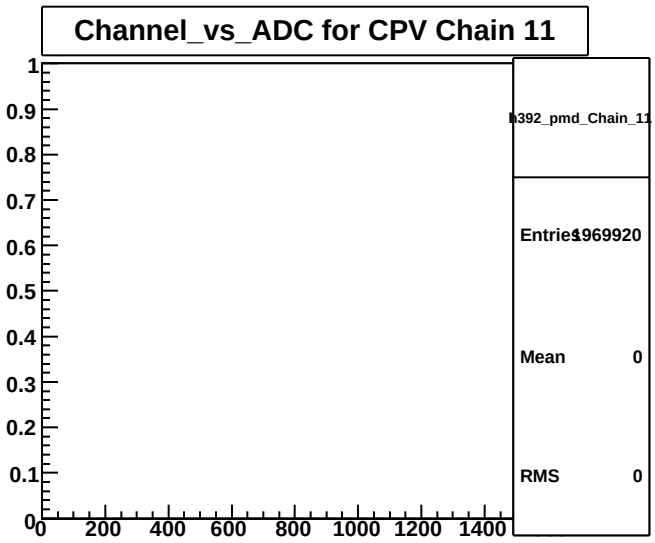

Channel_vs_ADC for Preshower Chain 36
h387_pmd_Chain_6
Entries 1969920
Mean 0
RMS 0

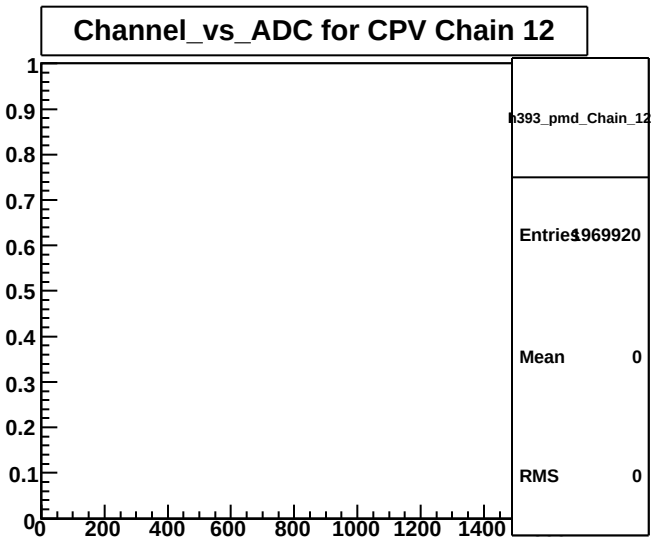

Channel_vs_ADC for CPV Chain 7
h388_pmd_Chain_7
Entries 1969920
Mean 0
RMS 0

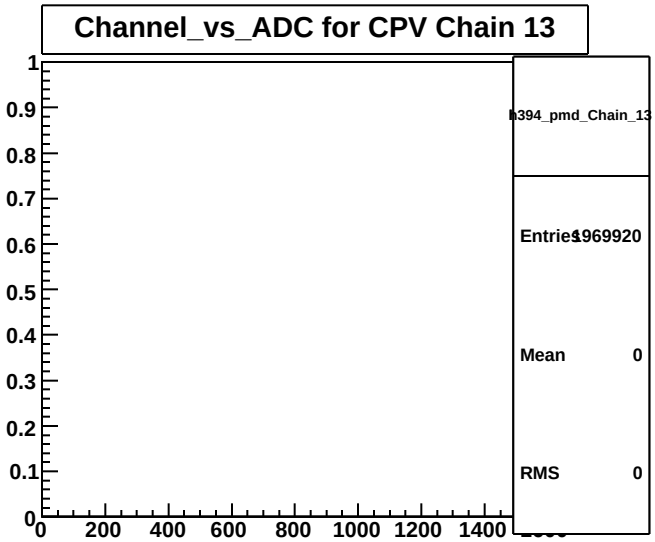

Channel_vs_ADC for CPV Chain 8
h389_pmd_Chain_8
Entries 1969920
Mean 0
RMS 0

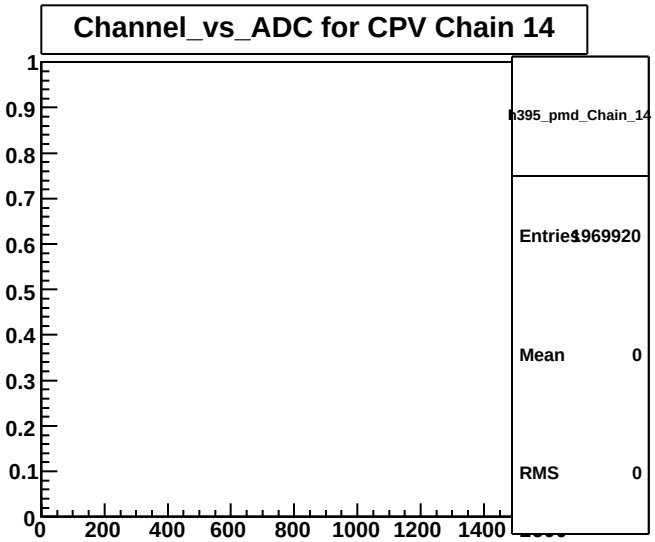

Channel_vs_ADC for CPV Chain 9
h390_pmd_Chain_9
Entries 1969920
Mean 0
RMS 0

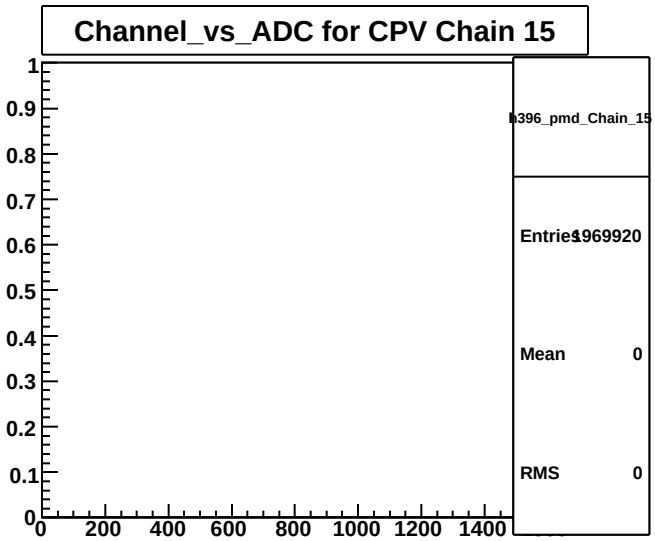

Channel_vs_ADC for CPV Chain 10
h391_pmd_Chain_10
Entries 1969920
Mean 0
RMS 0

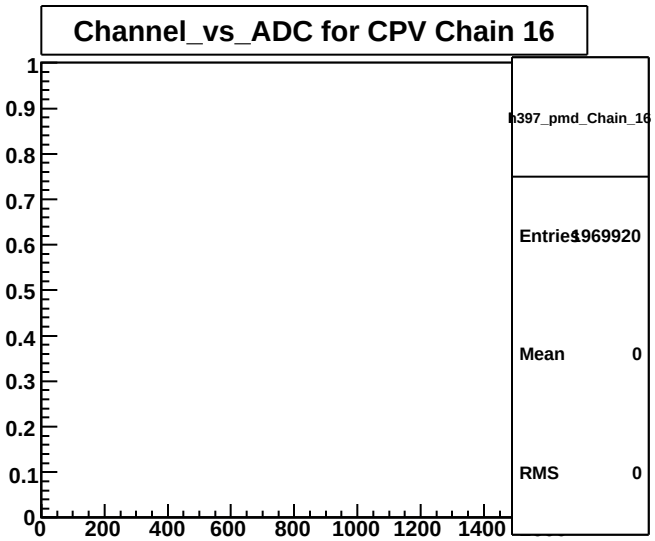

Channel_vs_ADC for CPV Chain 11
h392_pmd_Chain_11
Entries 1969920
Mean 0
RMS 0

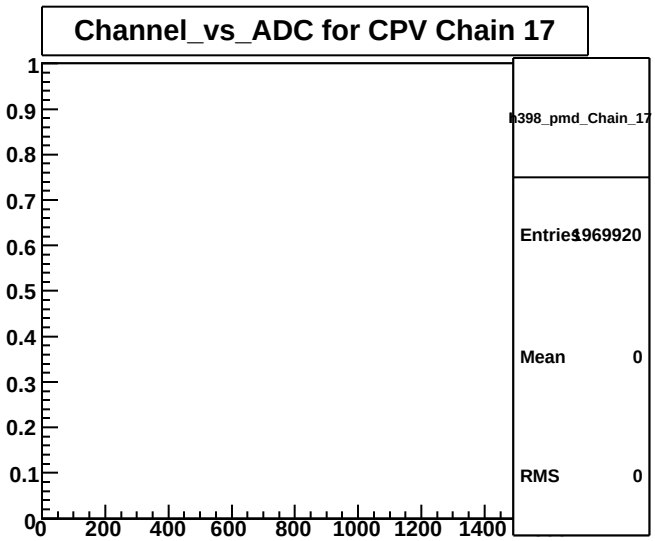

Channel_vs_ADC for CPV Chain 12
h393_pmd_Chain_12
Entries 1969920
Mean 0
RMS 0

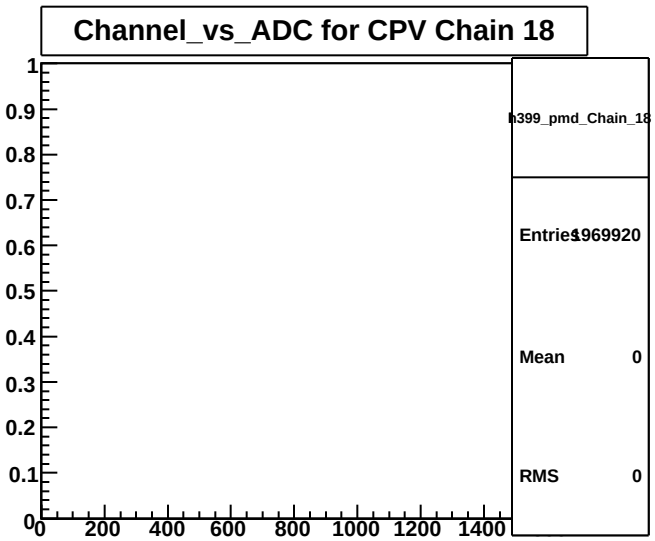

Channel_vs_ADC for CPV Chain 13
h394_pmd_Chain_13
Entries 1969920
Mean 0
RMS 0

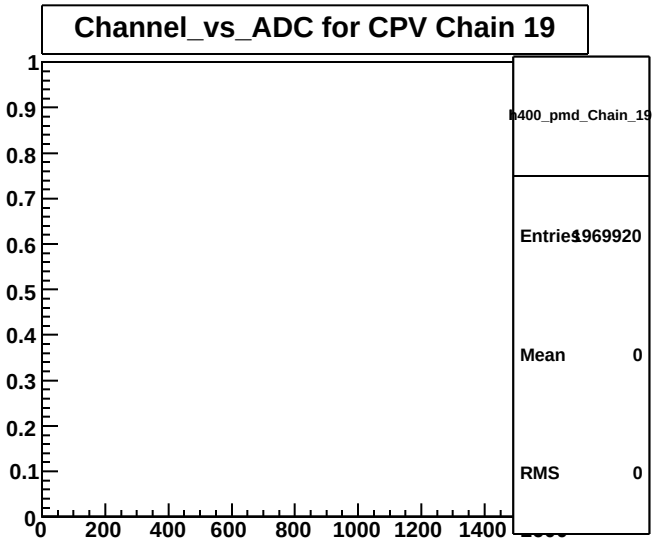

Channel_vs_ADC for CPV Chain 14
h395_pmd_Chain_14
Entries 1969920
Mean 0
RMS 0

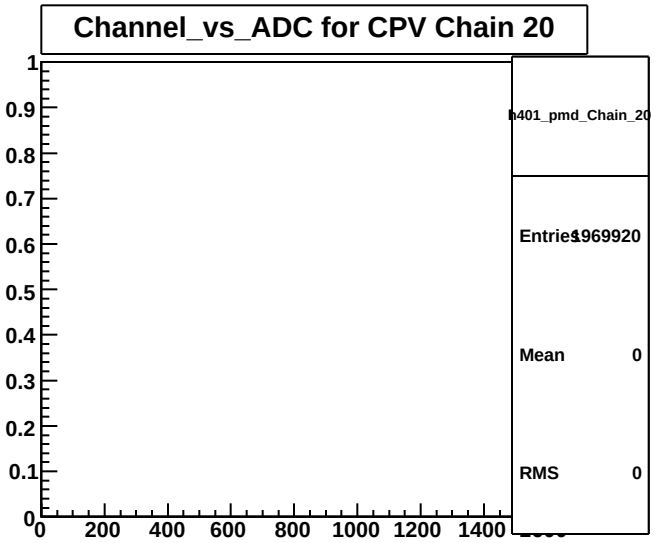

Channel_vs_ADC for CPV Chain 15
h396_pmd_Chain_15
Entries 1969920
Mean 0
RMS 0

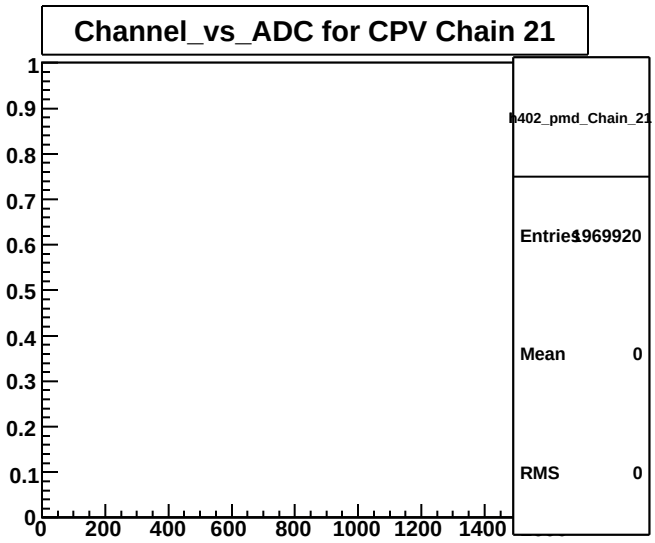

Channel_vs_ADC for CPV Chain 16
h397_pmd_Chain_16
Entries 1969920
Mean 0
RMS 0

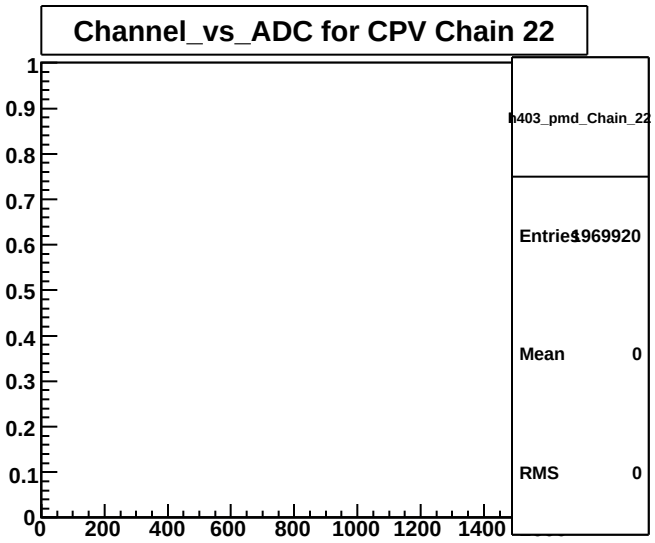

Channel_vs_ADC for CPV Chain 17
h398_pmd_Chain_17
Entries 1969920
Mean 0
RMS 0

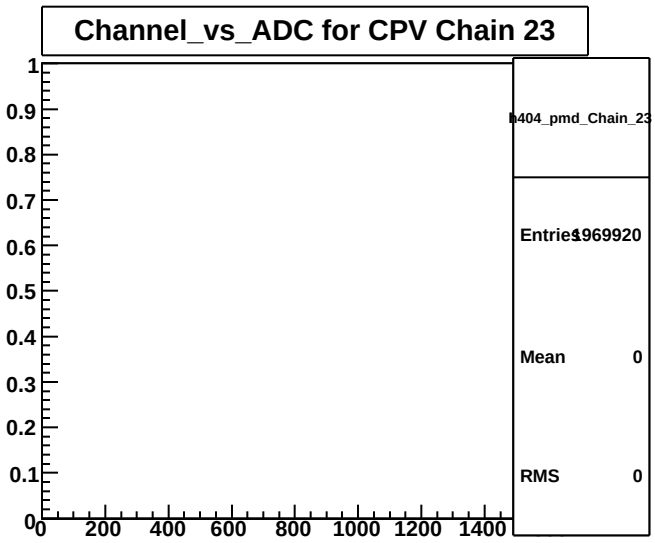

Channel_vs_ADC for CPV Chain 18
h399_pmd_Chain_18
Entries 1969920
Mean 0
RMS 0

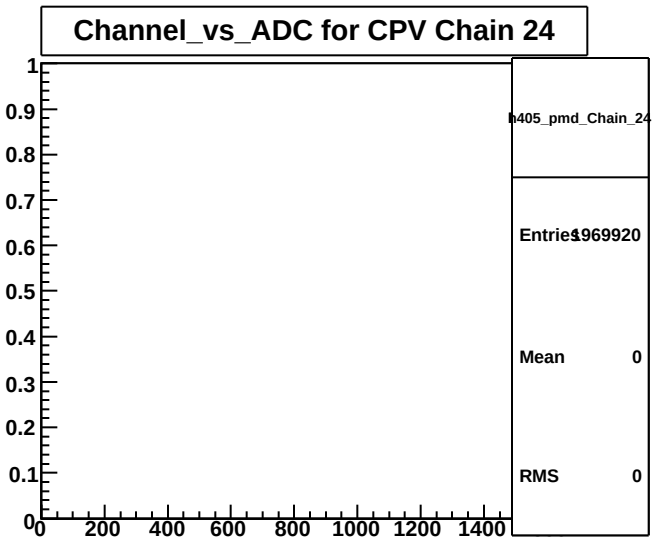

Channel_vs_ADC for CPV Chain 19
h400_pmd_Chain_19
Entries 1969920
Mean 0
RMS 0

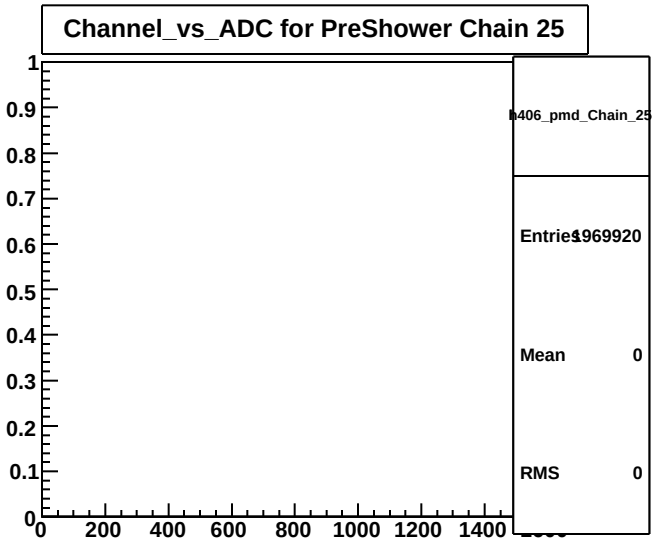

Channel_vs_ADC for CPV Chain 20
h401_pmd_Chain_20
Entries 1969920
Mean 0
RMS 0

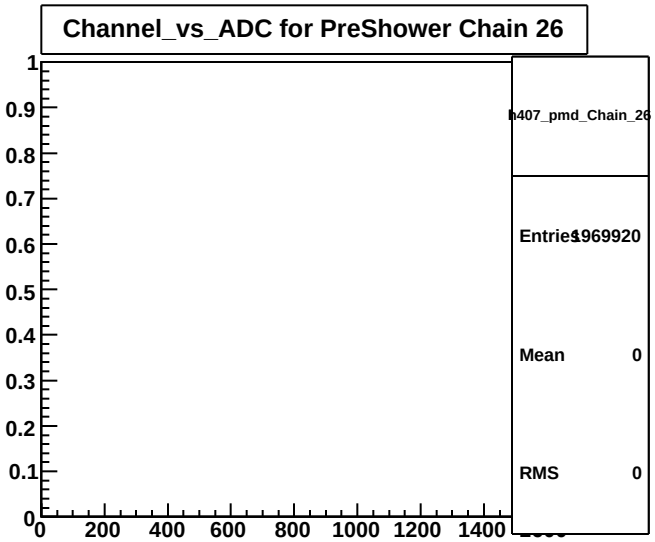

Channel_vs_ADC for CPV Chain 21
h402_pmd_Chain_21
Entries 1969920
Mean 0
RMS 0

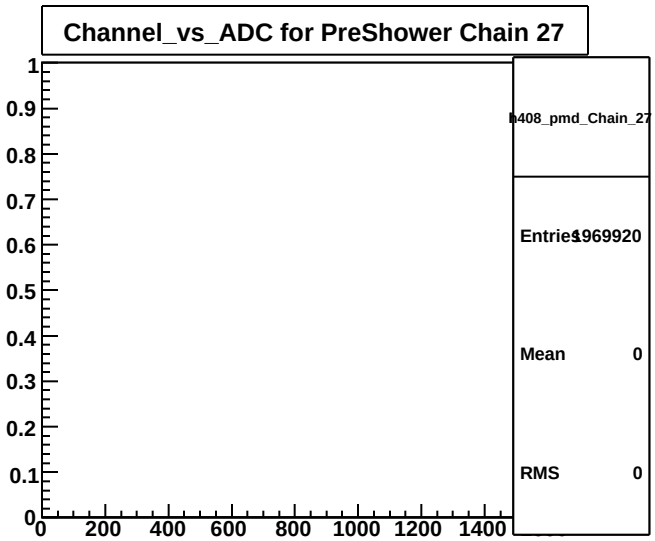

Channel_vs_ADC for CPV Chain 22
h403_pmd_Chain_22
Entries 1969920
Mean 0
RMS 0

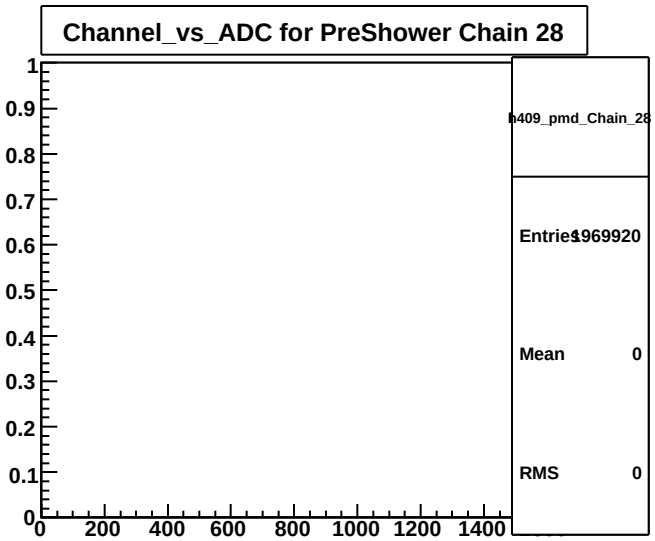

Channel_vs_ADC for CPV Chain 23
h404_pmd_Chain_23
Entries 1969920
Mean 0
RMS 0

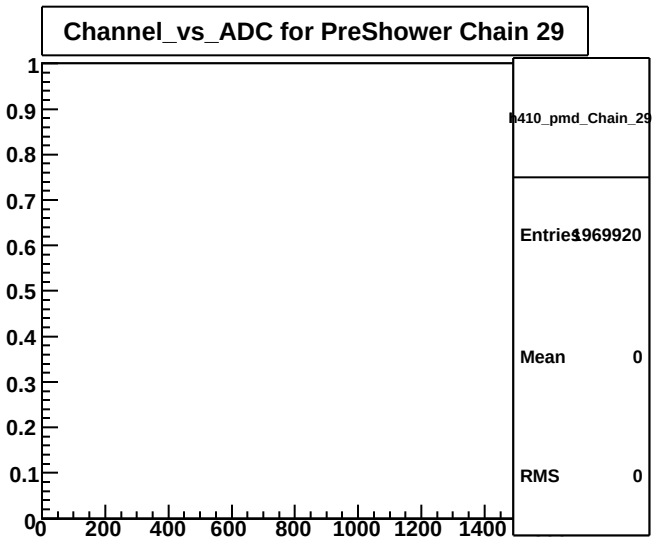

Channel_vs_ADC for CPV Chain 24
h405_pmd_Chain_24
Entries 1969920
Mean 0
RMS 0

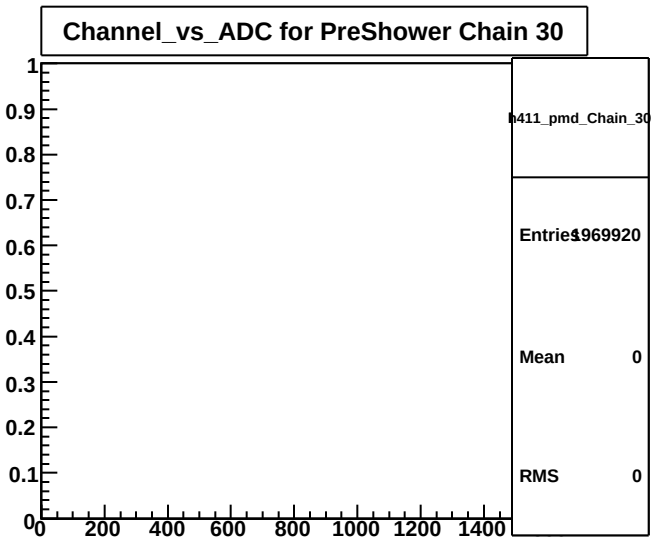

Channel_vs_ADC for PreShower Chain 25
h406_pmd_Chain_25
Entries 1969920
Mean 0
RMS 0

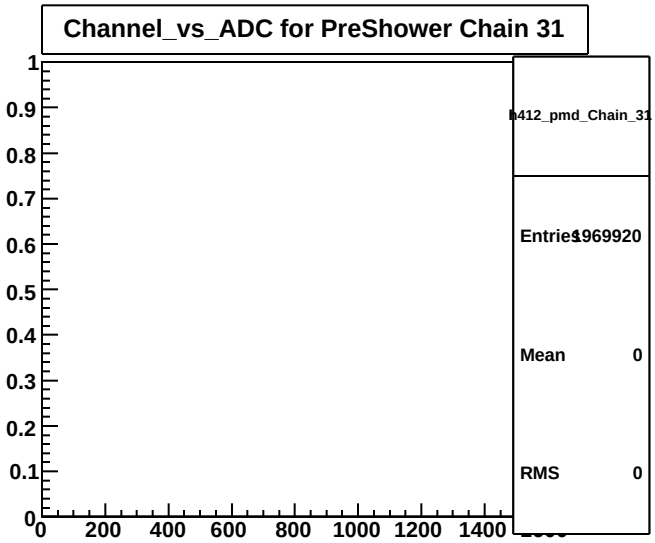

Channel_vs_ADC for PreShower Chain 26
h407_pmd_Chain_26
Entries 1969920
Mean 0
RMS 0

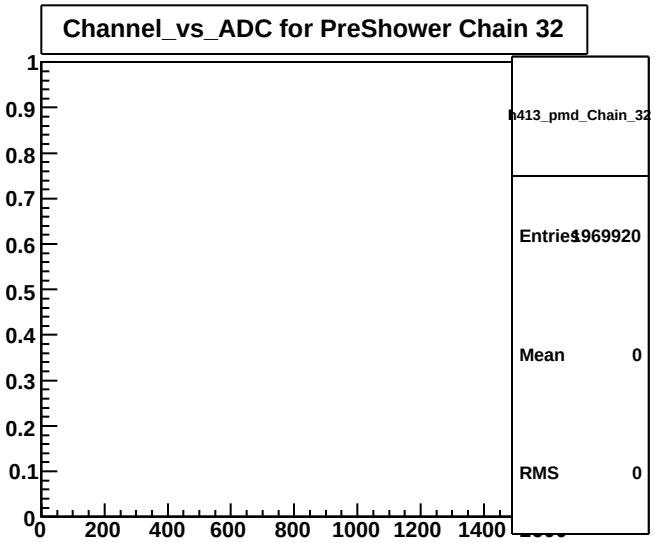

Channel_vs_ADC for PreShower Chain 27
h408_pmd_Chain_27
Entries 1969920
Mean 0
RMS 0

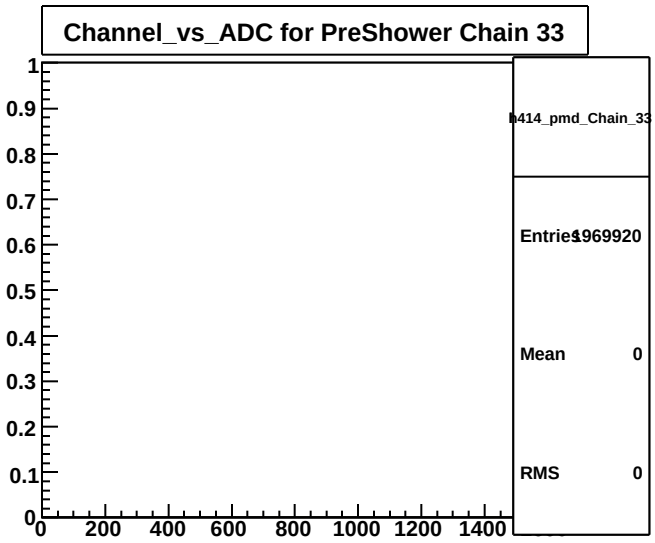

Channel_vs_ADC for PreShower Chain 28
h409_pmd_Chain_28
Entries 1969920
Mean 0
RMS 0

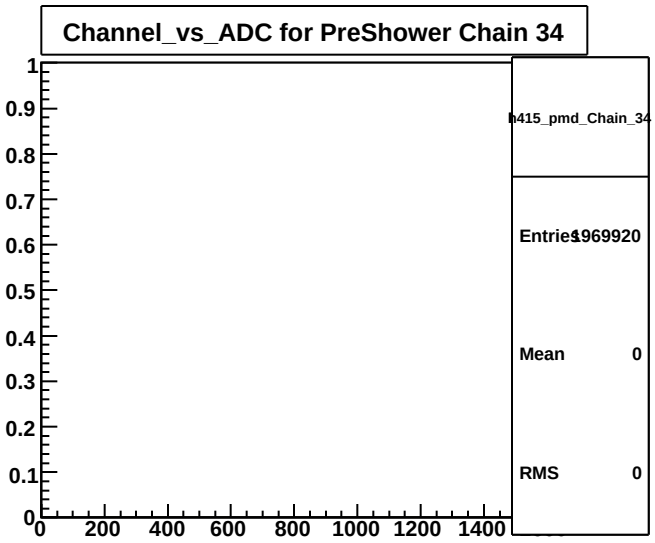

Channel_vs_ADC for PreShower Chain 29
h410_pmd_Chain_29
Entries 1969920
Mean 0
RMS 0

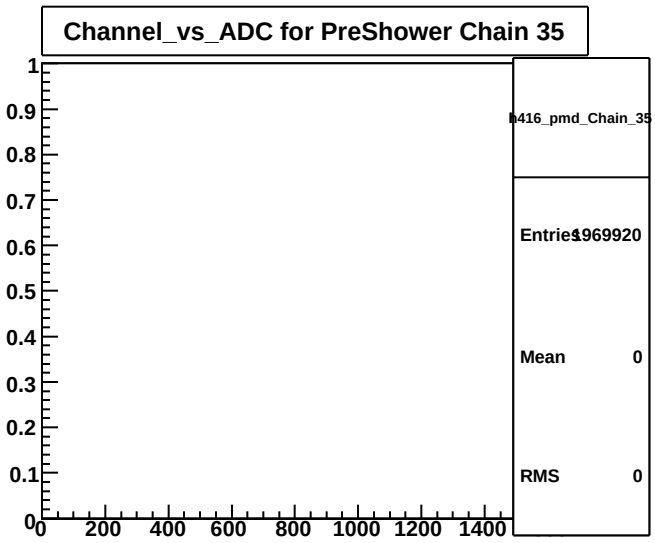

Channel_vs_ADC for PreShower Chain 30
h411_pmd_Chain_30
Entries 1969920
Mean 0
RMS 0

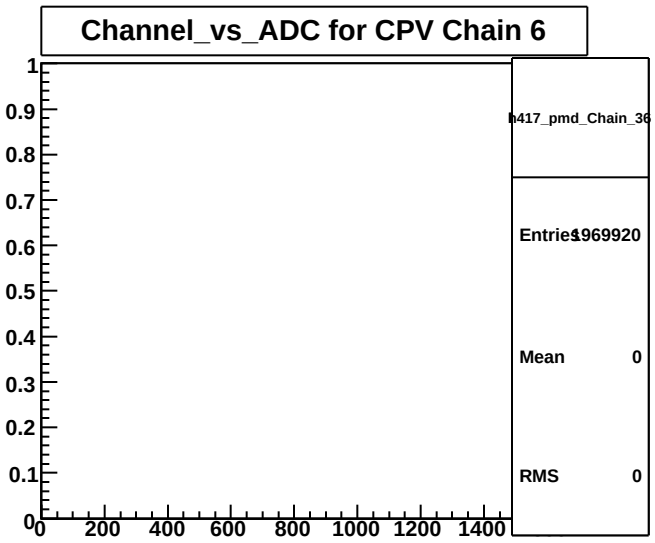

Channel_vs_ADC for PreShower Chain 31
h412_pmd_Chain_31
Entries 1969920
Mean 0
RMS 0

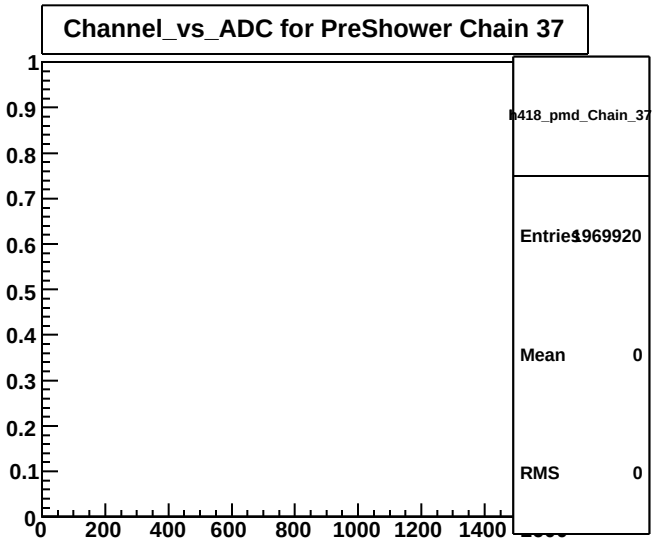

Channel_vs_ADC for PreShower Chain 32
h413_pmd_Chain_32
Entries 1969920
Mean 0
RMS 0

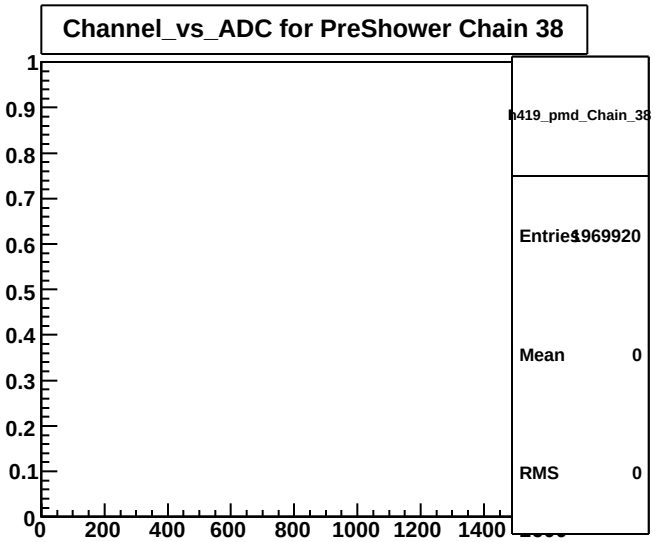

Channel_vs_ADC for PreShower Chain 33
h414_pmd_Chain_33
Entries 1969920
Mean 0
RMS 0

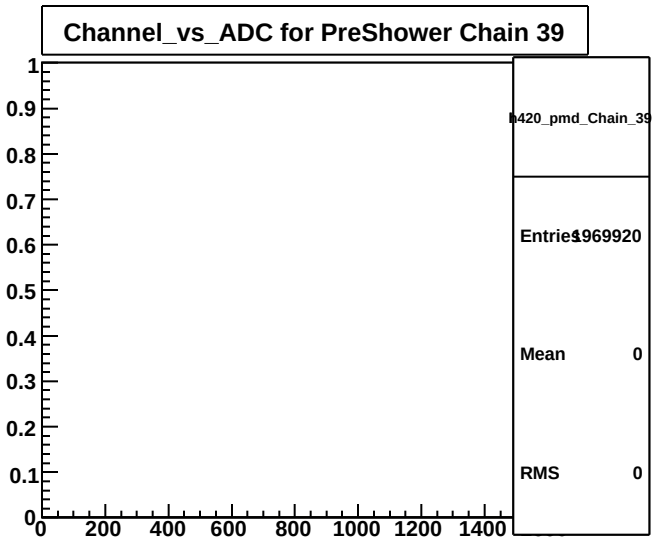

Channel_vs_ADC for PreShower Chain 34
h415_pmd_Chain_34
Entries 1969920
Mean 0
RMS 0

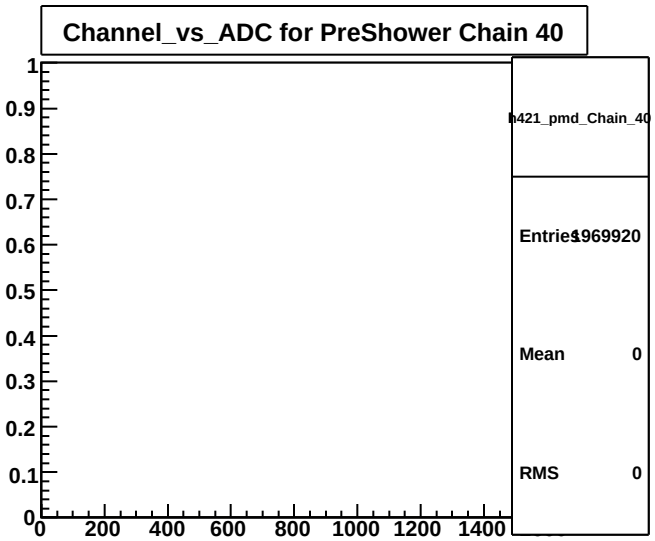

Channel_vs_ADC for PreShower Chain 35
h416_pmd_Chain_35
Entries 1969920
Mean 0
RMS 0

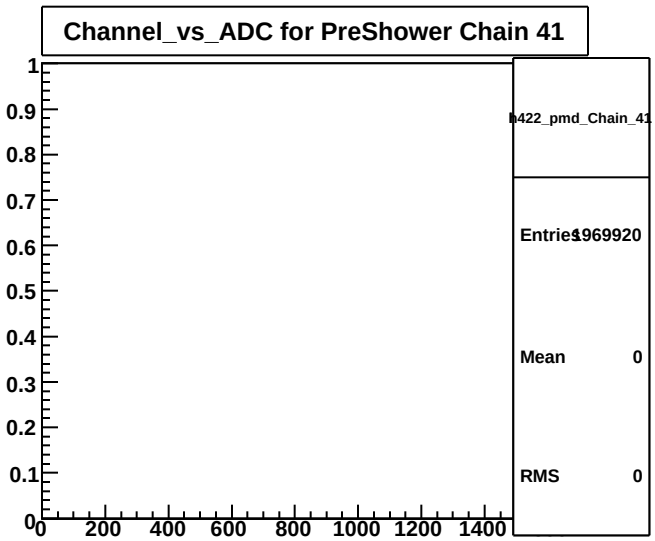

Channel_vs_ADC for CPV Chain 6
h417_pmd_Chain_36
Entries 1969920
Mean 0
RMS 0

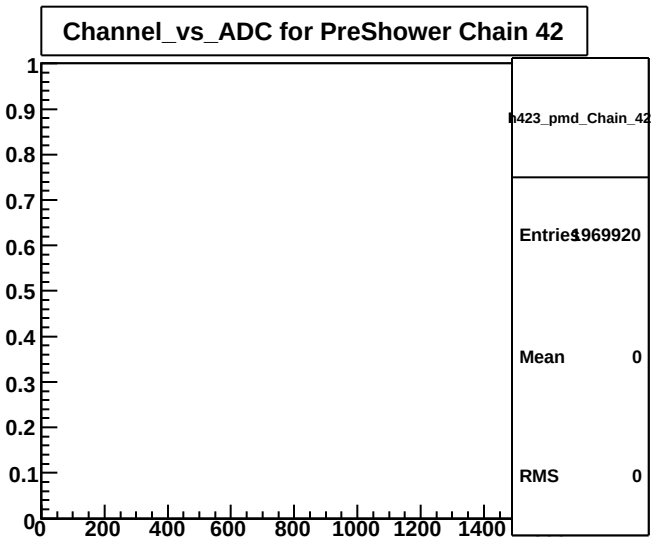

Channel_vs_ADC for PreShower Chain 37
h418_pmd_Chain_37
Entries 1969920
Mean 0
RMS 0

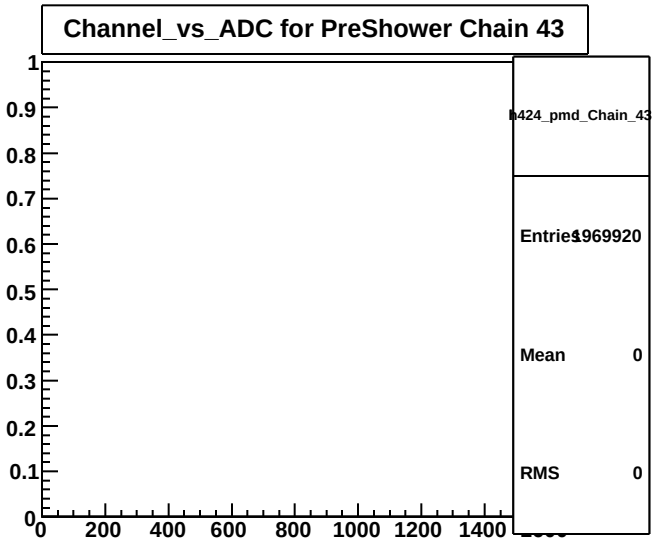

Channel_vs_ADC for PreShower Chain 38
h419_pmd_Chain_38
Entries 1969920
Mean 0
RMS 0

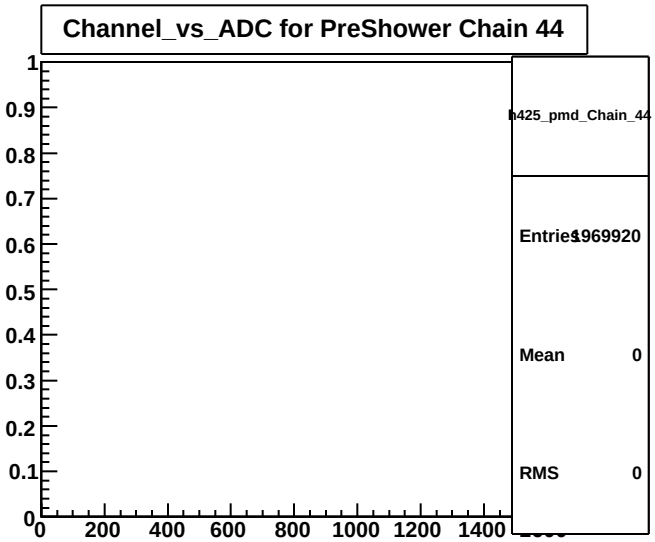

Channel_vs_ADC for PreShower Chain 39
h420_pmd_Chain_39
Entries 1969920
Mean 0
RMS 0

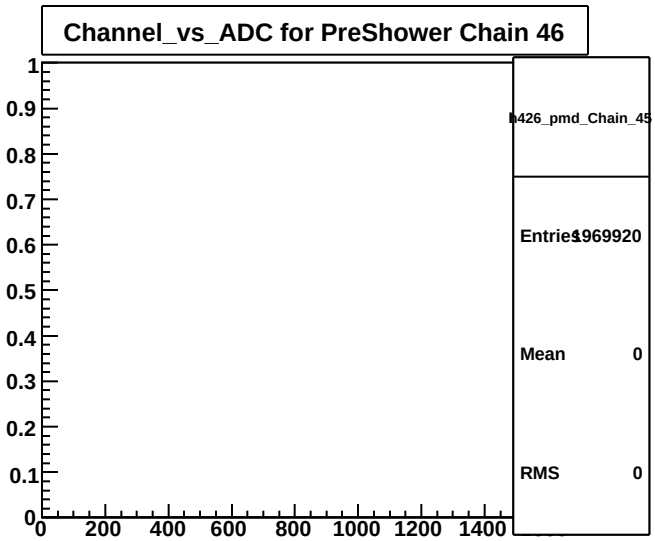

Channel_vs_ADC for PreShower Chain 40
h421_pmd_Chain_40
Entries 1969920
Mean 0
RMS 0

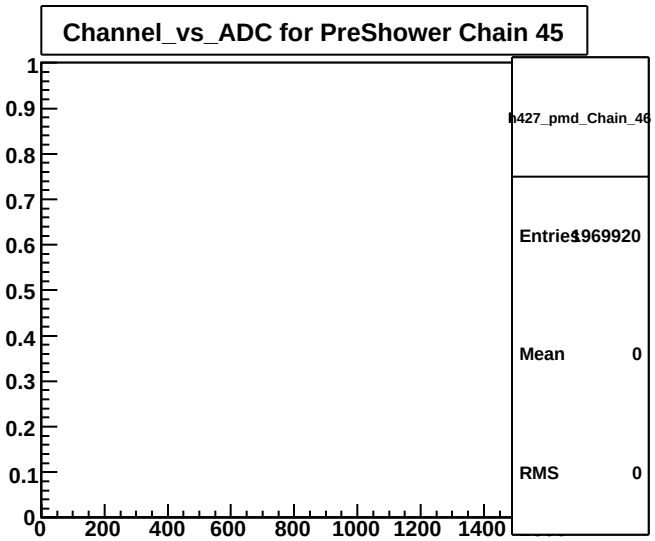

Channel_vs_ADC for PreShower Chain 41
h422_pmd_Chain_41
Entries 1969920
Mean 0
RMS 0

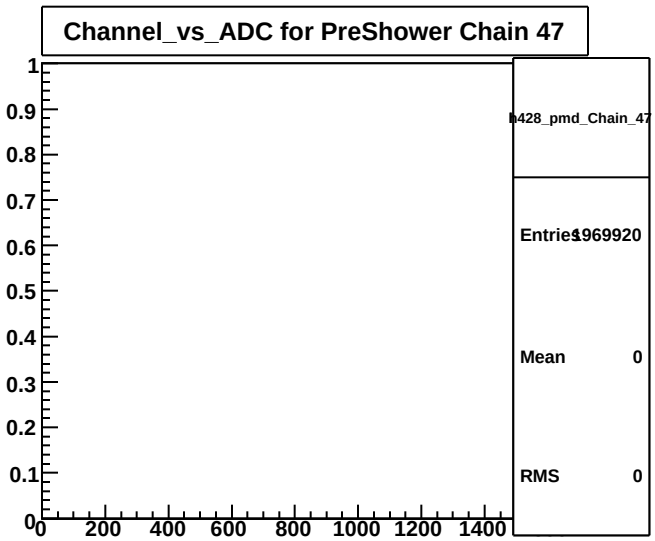

Channel_vs_ADC for PreShower Chain 42
h423_pmd_Chain_42
Entries 1969920
Mean 0
RMS 0

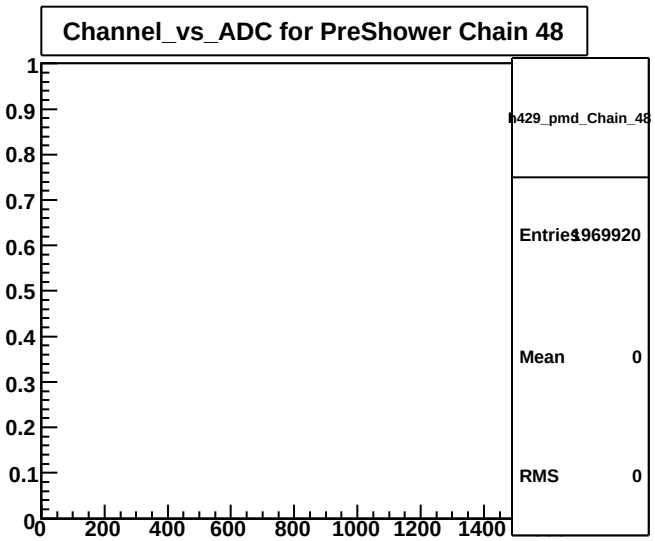

Channel_vs_ADC for PreShower Chain 43
h424_pmd_Chain_43
Entries 1969920
Mean 0
RMS 0

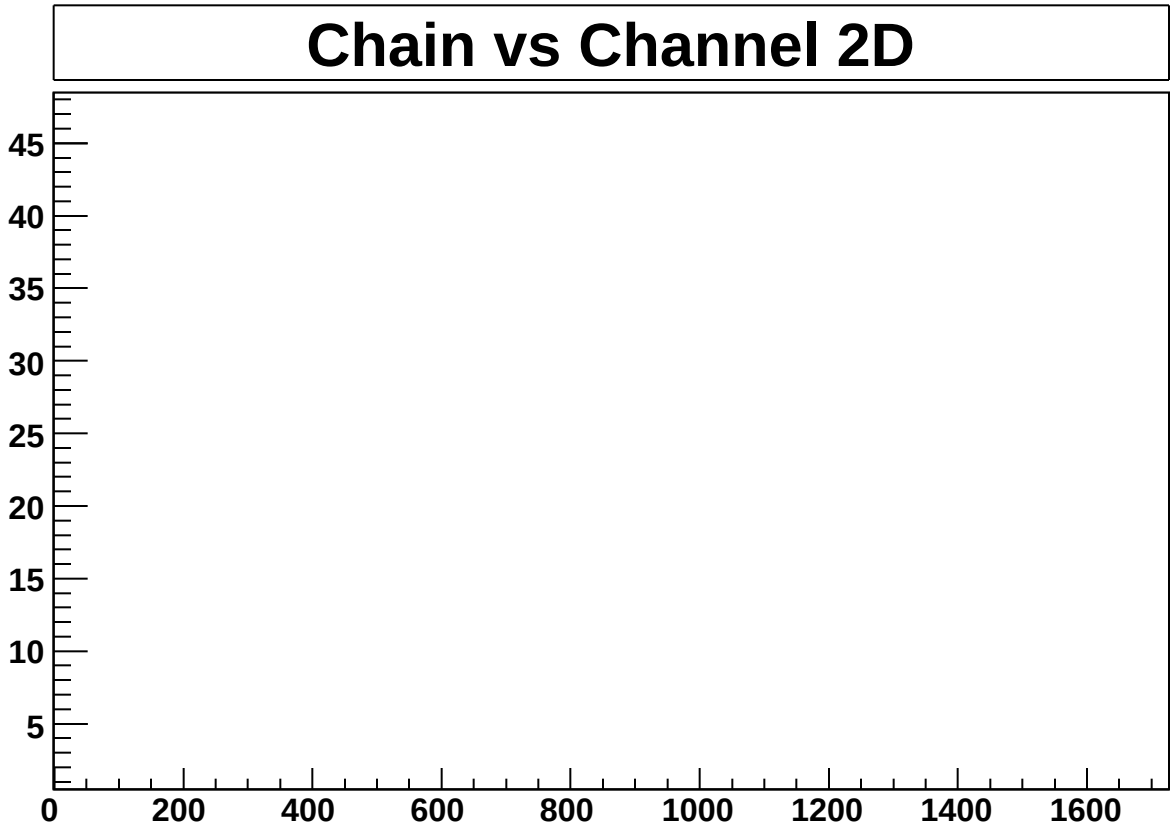

Channel_vs_ADC for PreShower Chain 44
h425_pmd_Chain_44
Entries 1969920
Mean 0
RMS 0

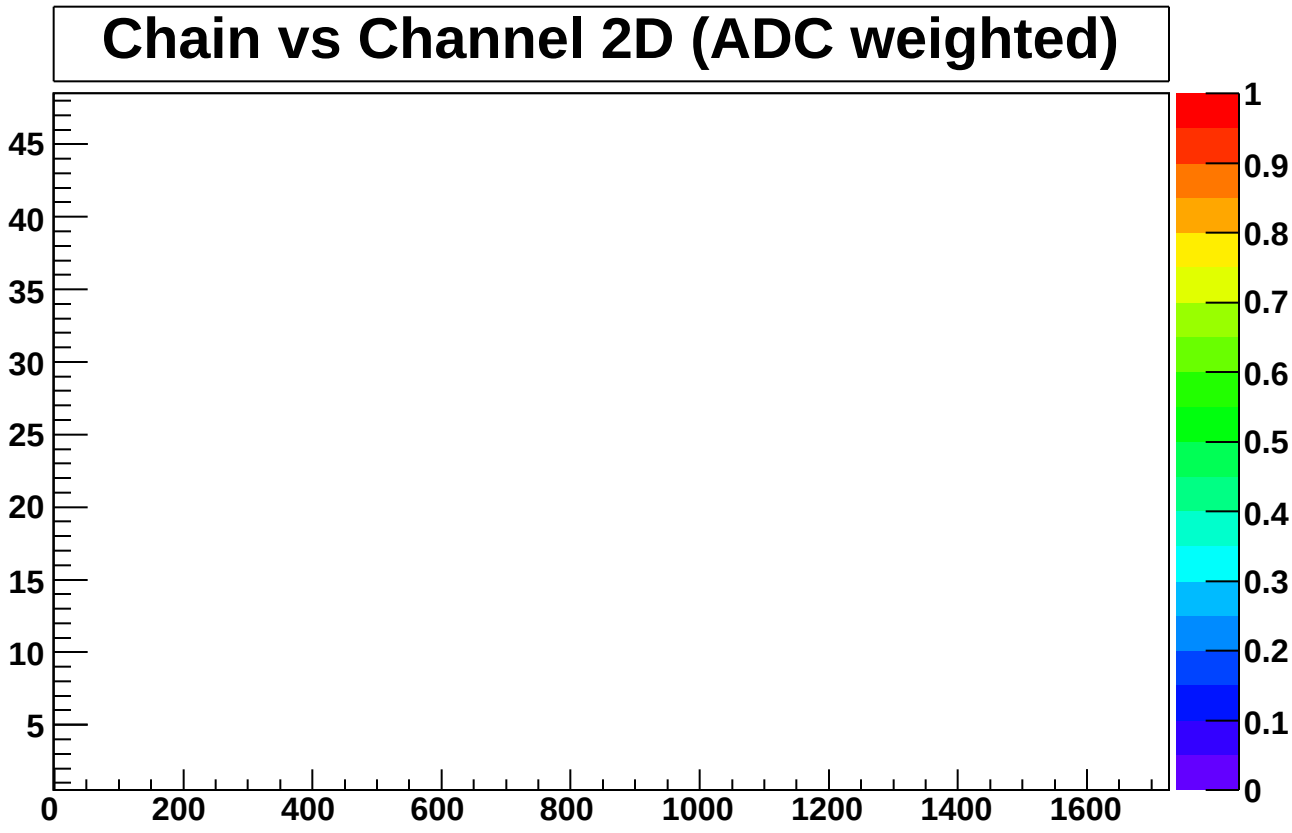

Channel_vs_ADC for PreShower Chain 46
h426_pmd_Chain_45
Entries 1969920
Mean 0
RMS 0


Channel_vs_ADC for PreShower Chain 45
h427_pmd_Chain_46
Entries 1969920
Mean 0
RMS 0

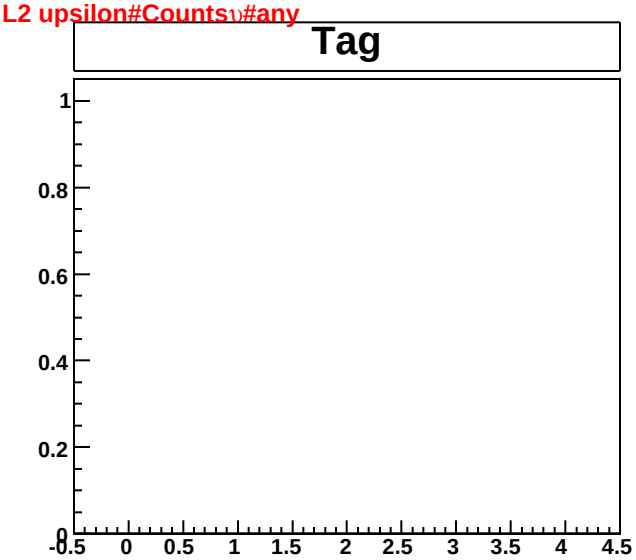

Channel_vs_ADC for PreShower Chain 47
h428_pmd_Chain_47
Entries 1969920
Mean 0
RMS 0

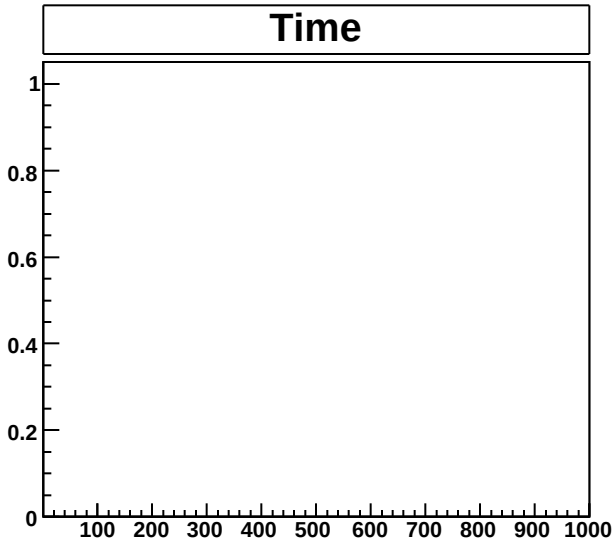

Channel_vs_ADC for PreShower Chain 48
h429_pmd_Chain_48
Entries 1969920
Mean 0
RMS 0

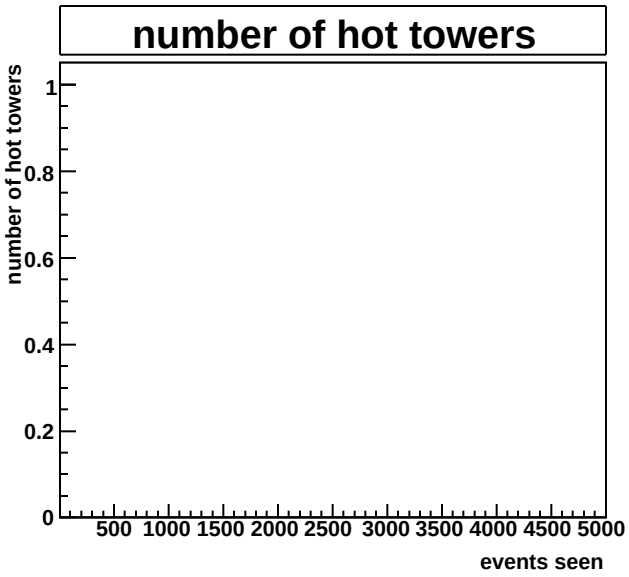

Chain vs Channel 2D
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
1200
1400
1600

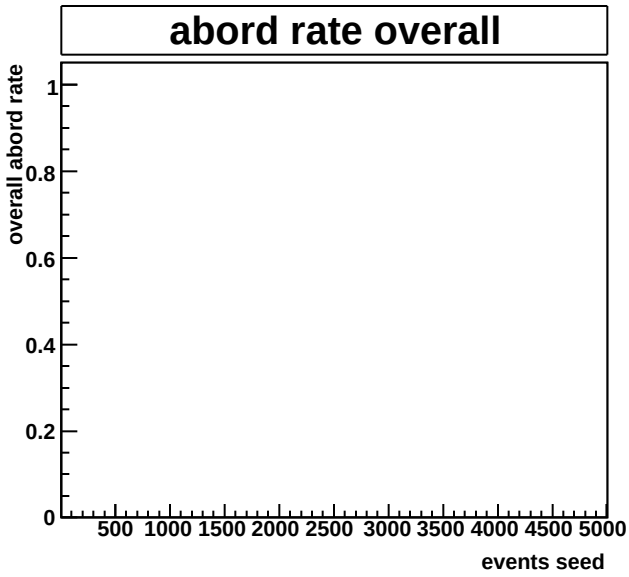

Chain vs Channel 2D (ADC weighted)
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
1200
1400
1600
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

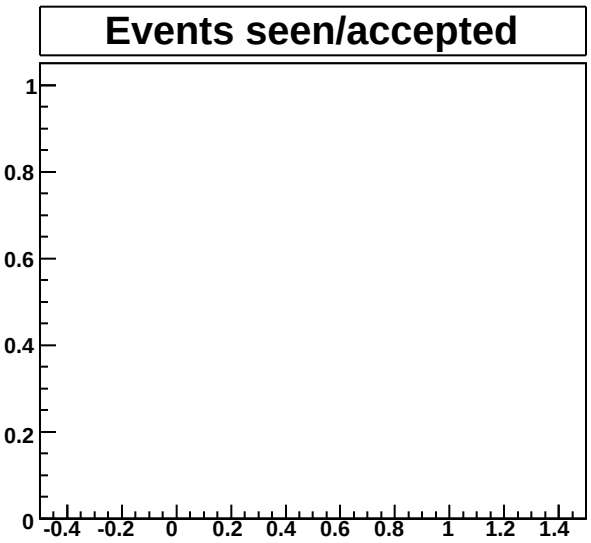
L2 upsilon#Countsυ#any

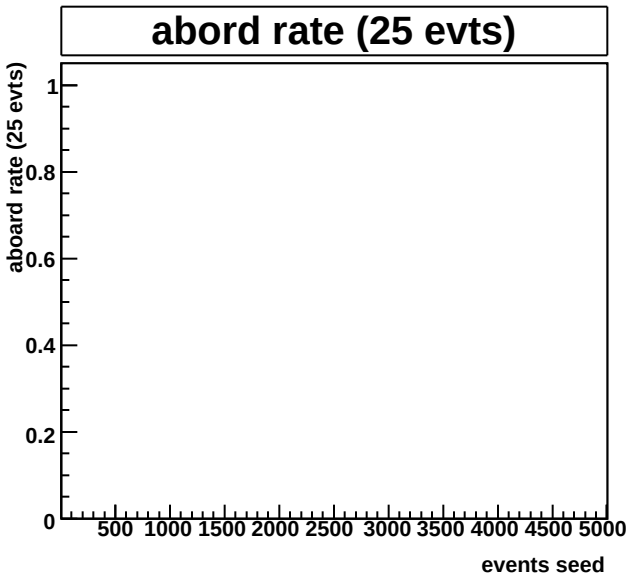




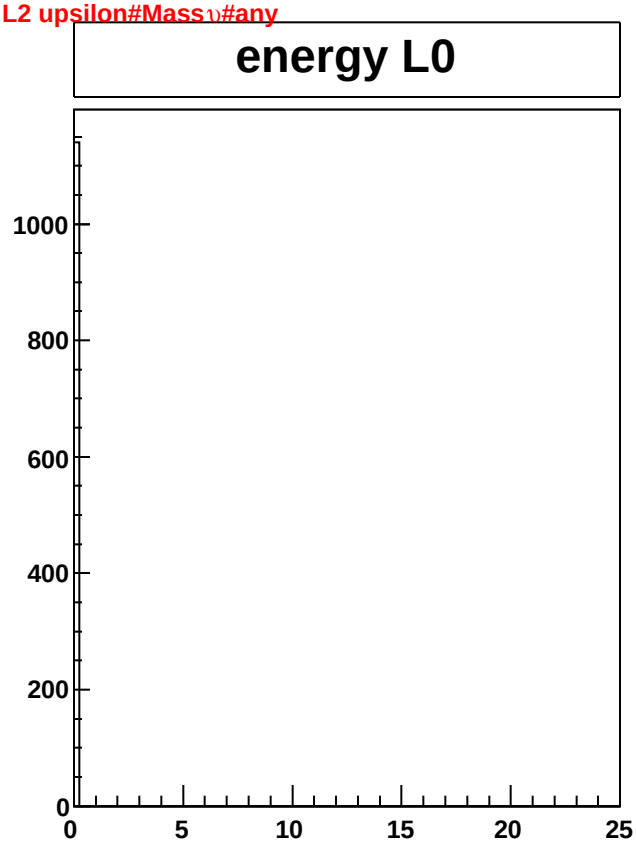


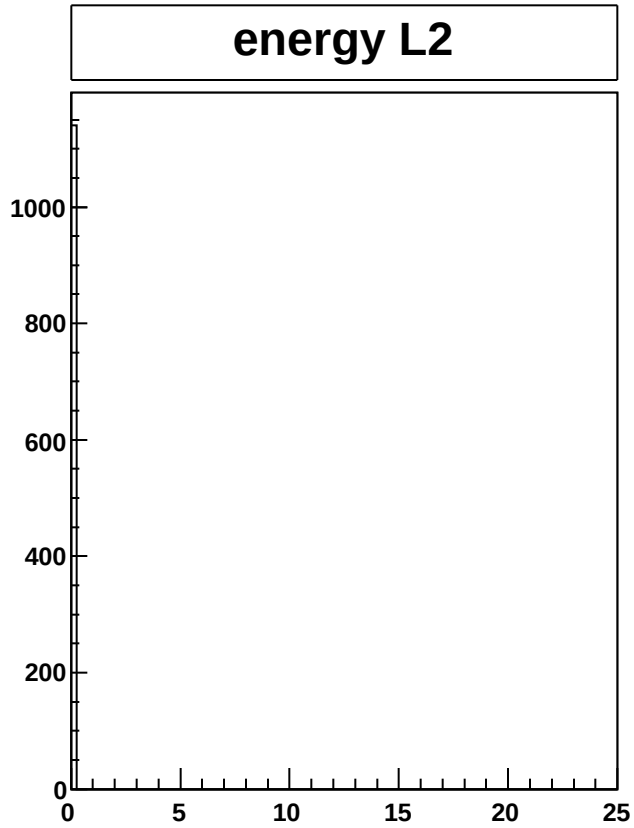


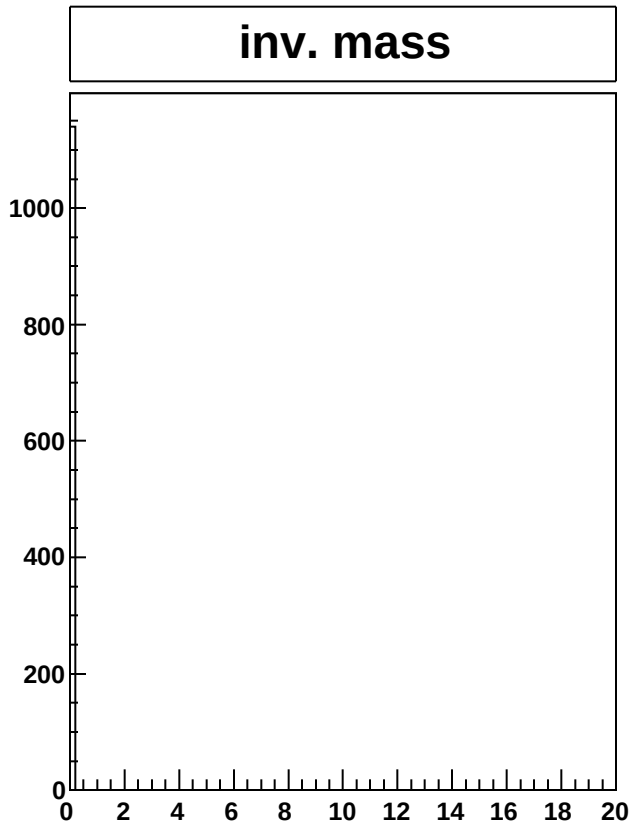


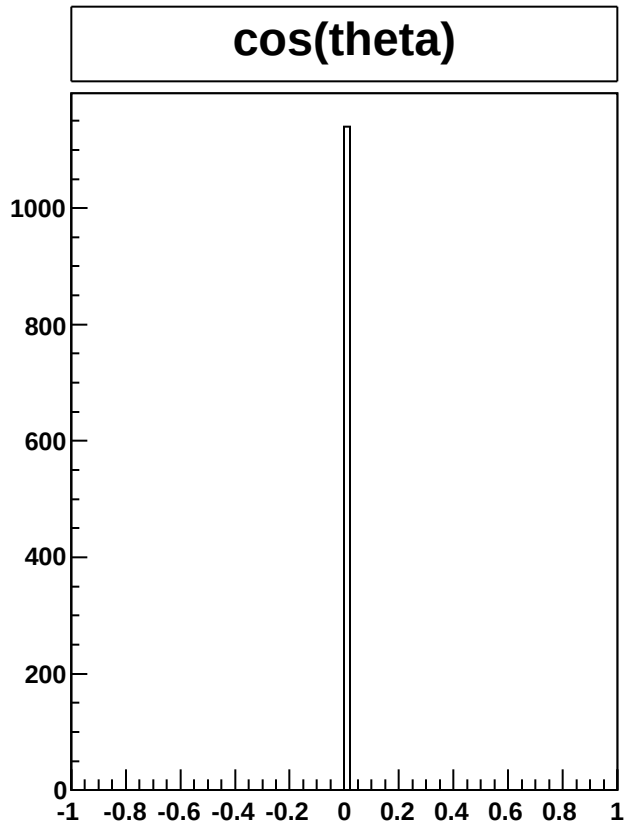


L2 upsilon#Massυ#any

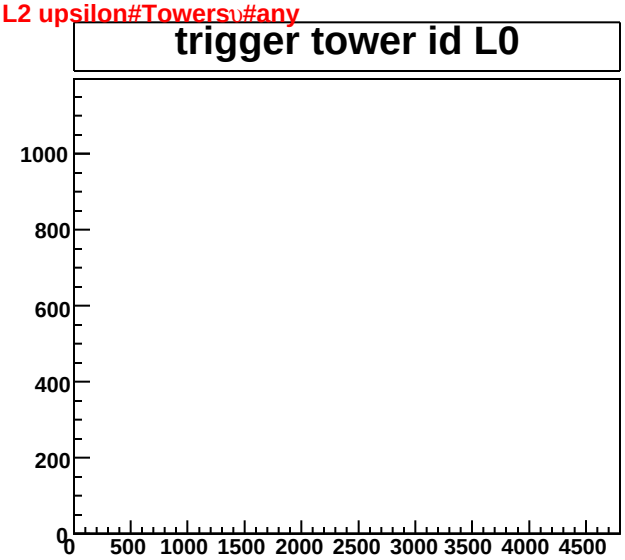


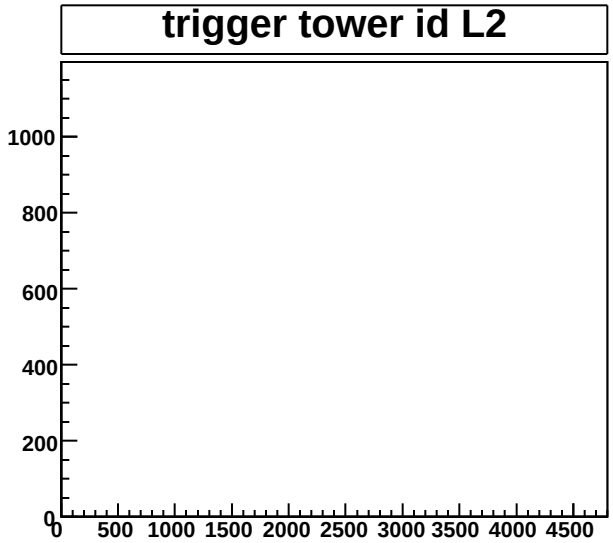


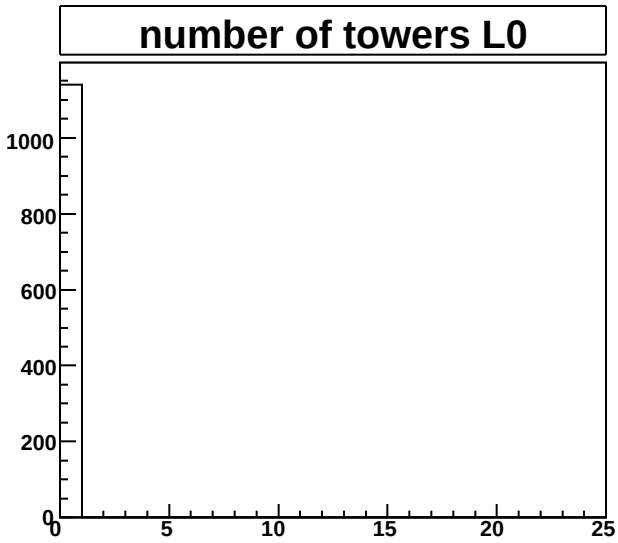


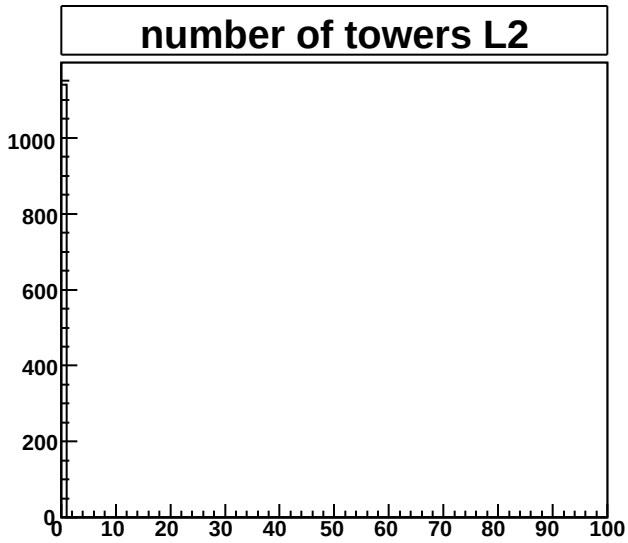


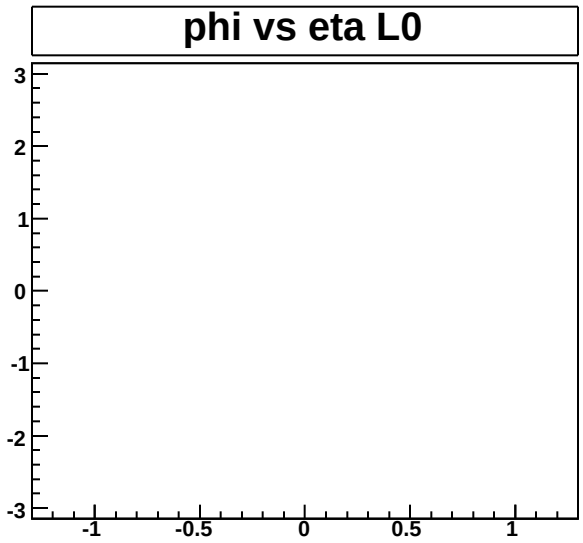
L2 upsilon#Towersυ#any

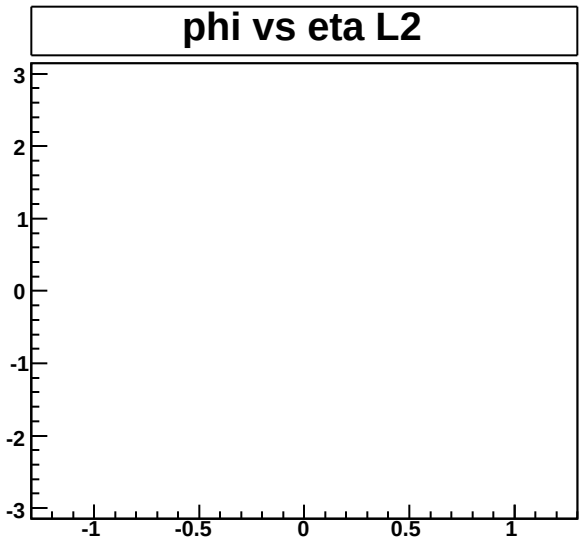






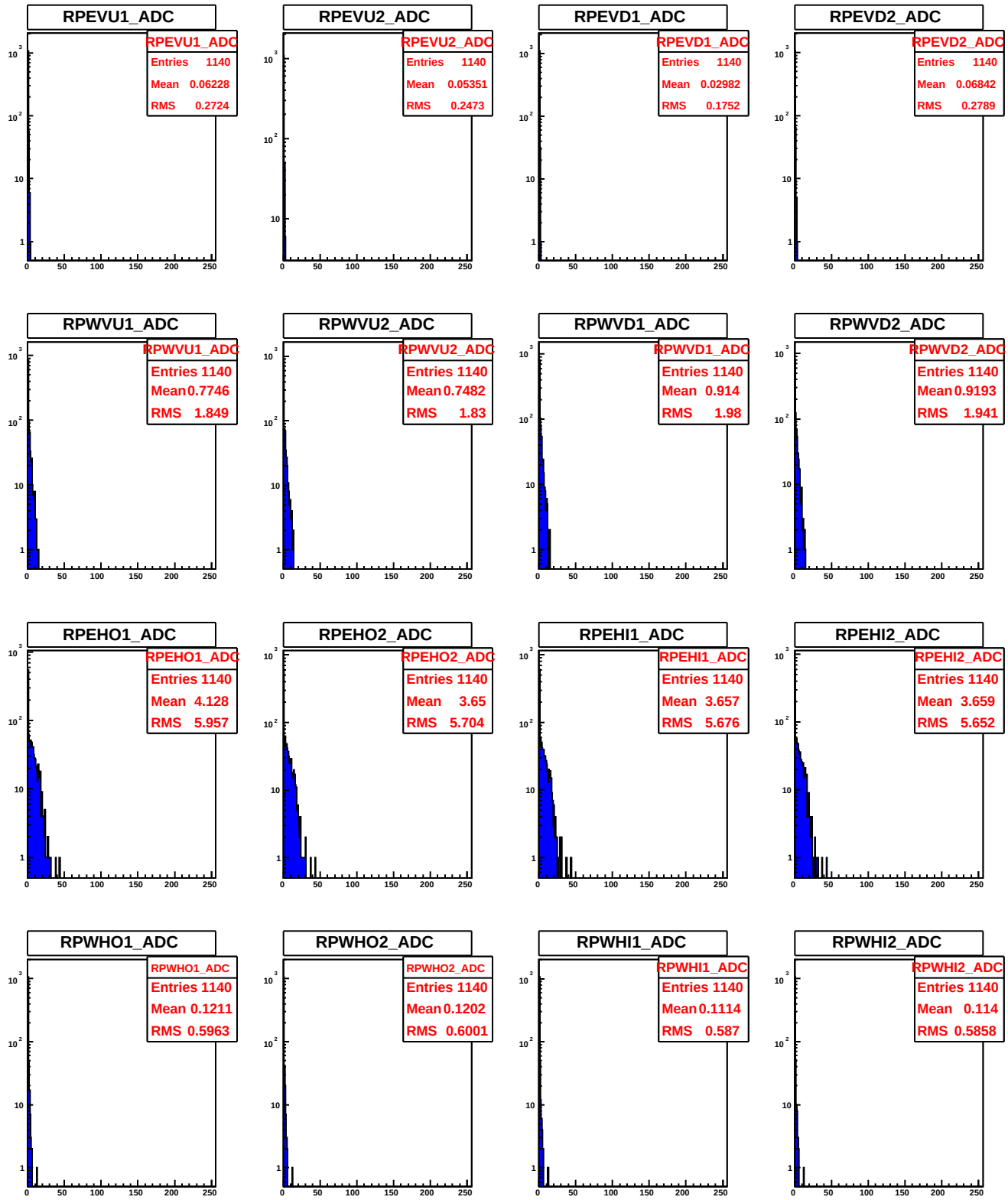






P2P#Trg1-16#any#trg

Run: #12079028



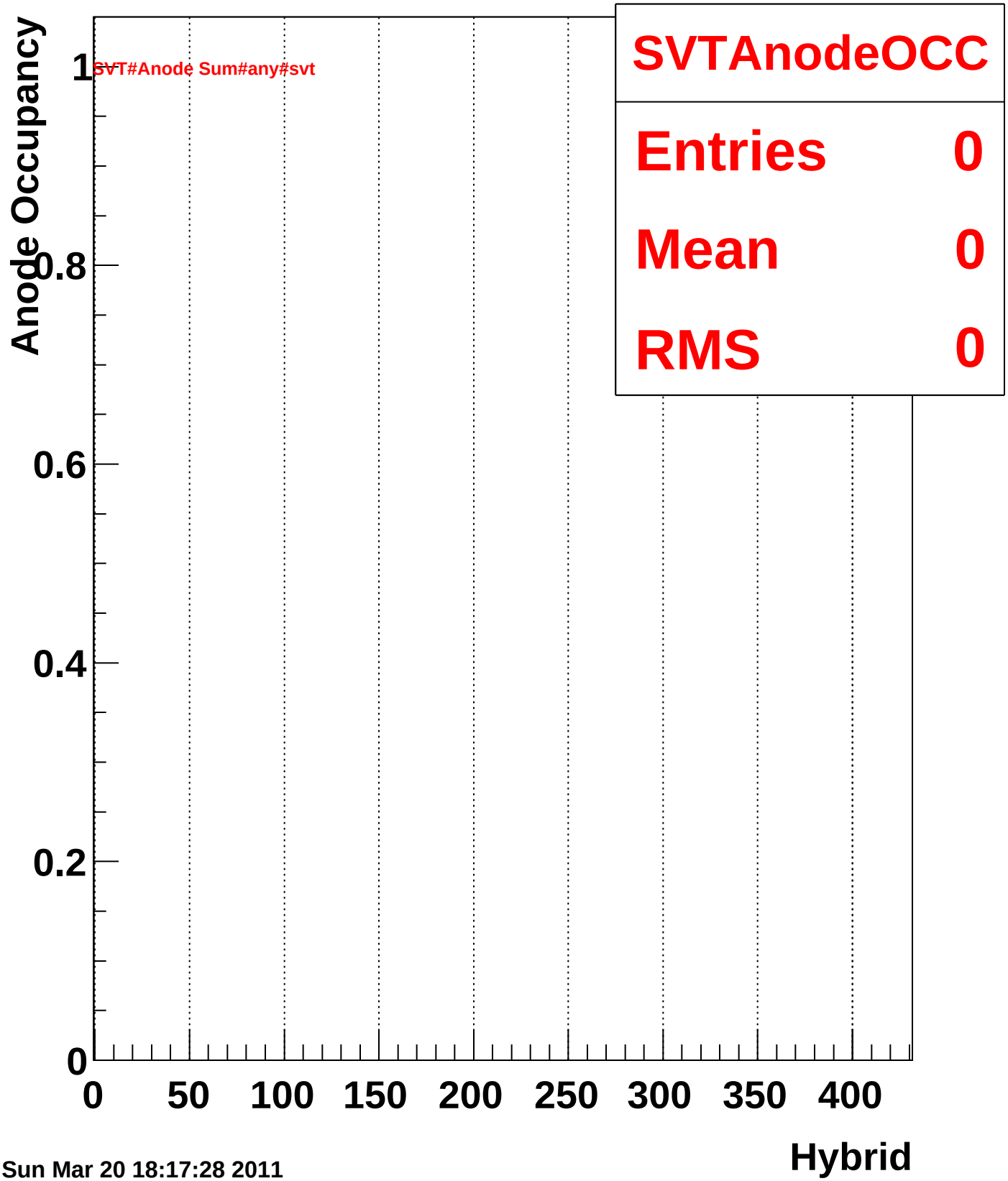
Sun Mar 20 18:17:28 2011

P2P#Trg17-32#any#trg

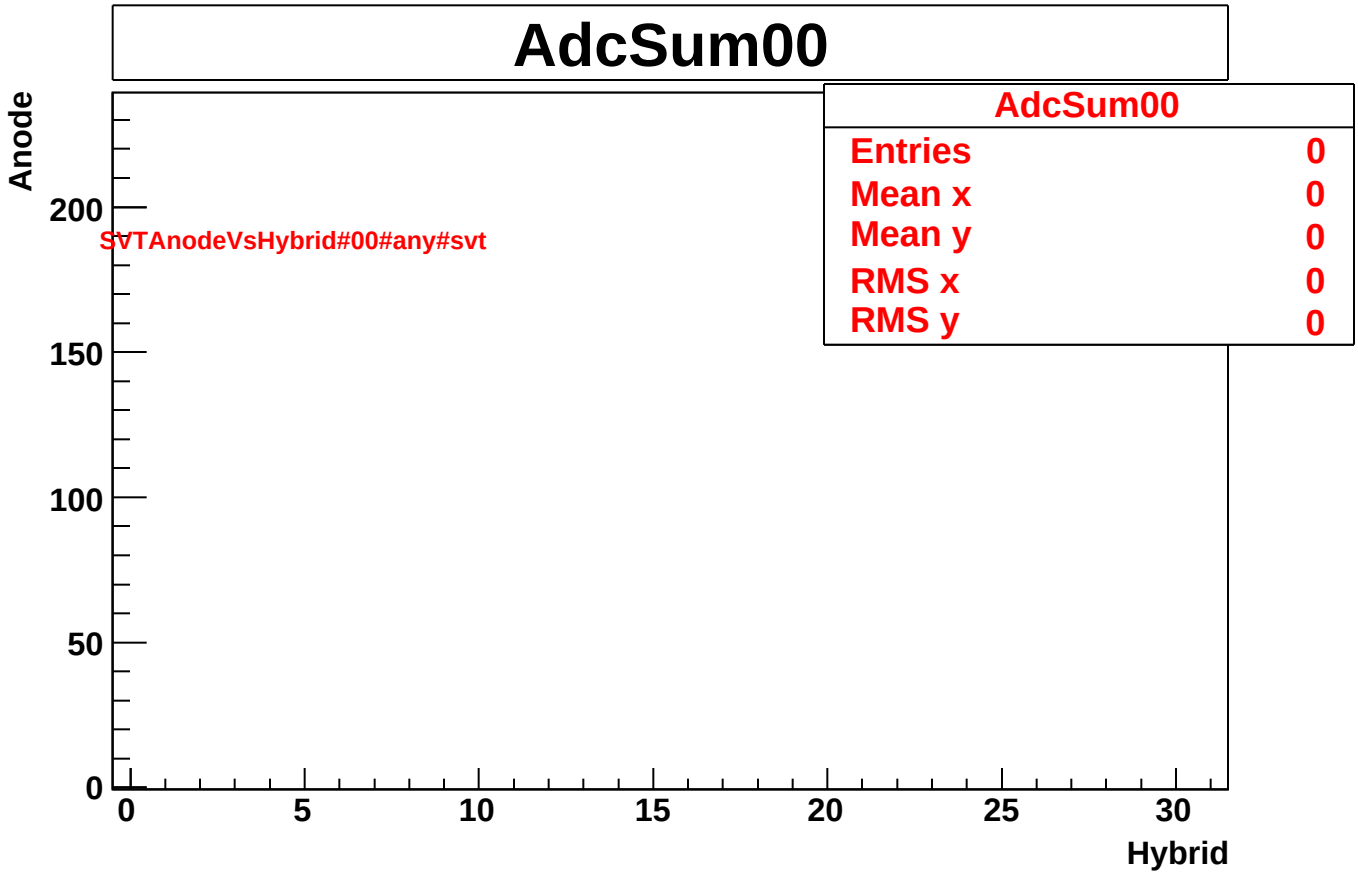
Run: #12079028

Sun Mar 20 18:17:28 2011

SVTAnodeOCC



Sun Mar 20 18:17:28 2011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Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#00#any#svt
Anode
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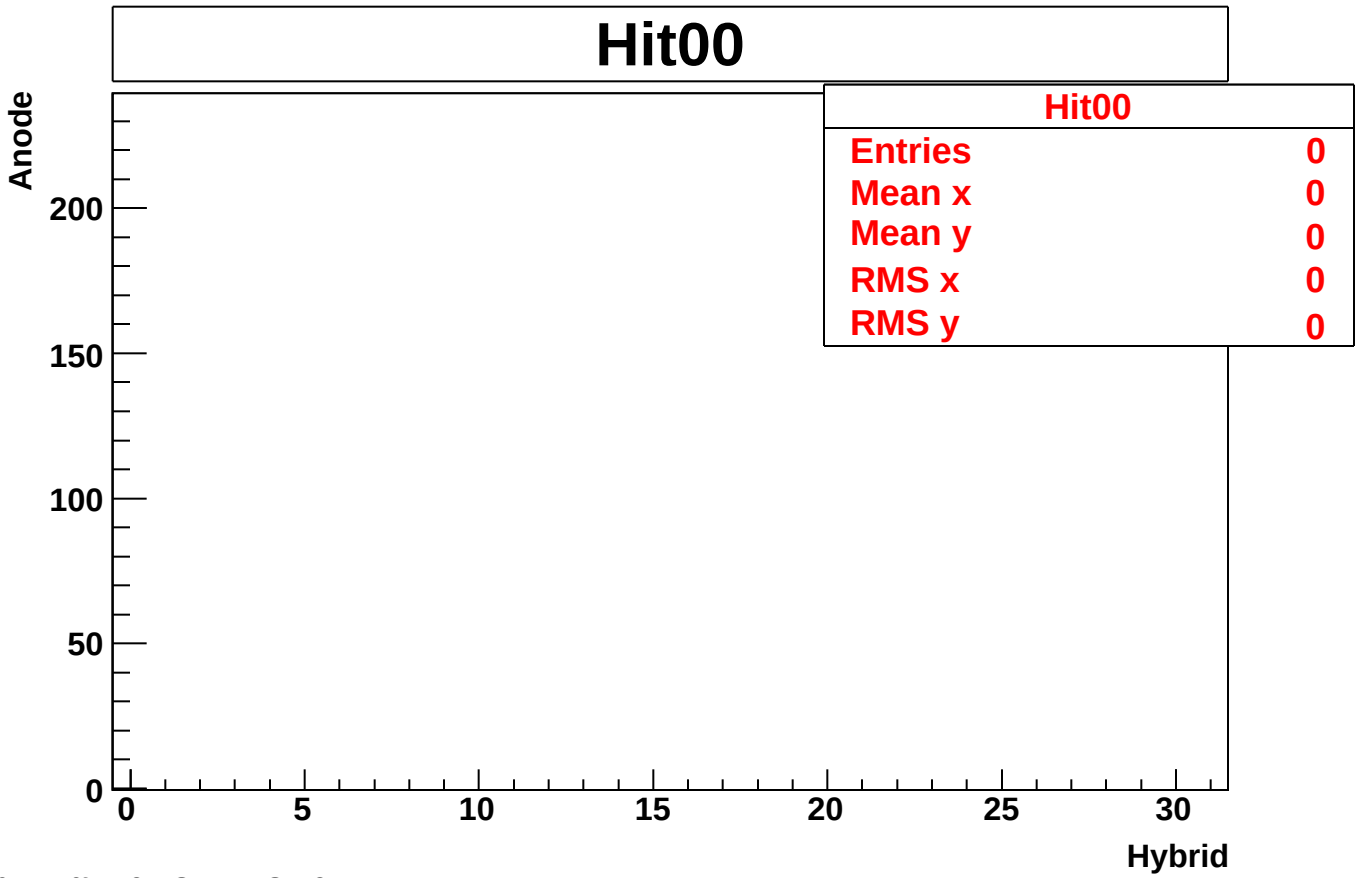
50
100
150
200
0
5
10
15
20
25
30
Hybrid


Hit00
Hit00
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Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
0
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100
150
200
0
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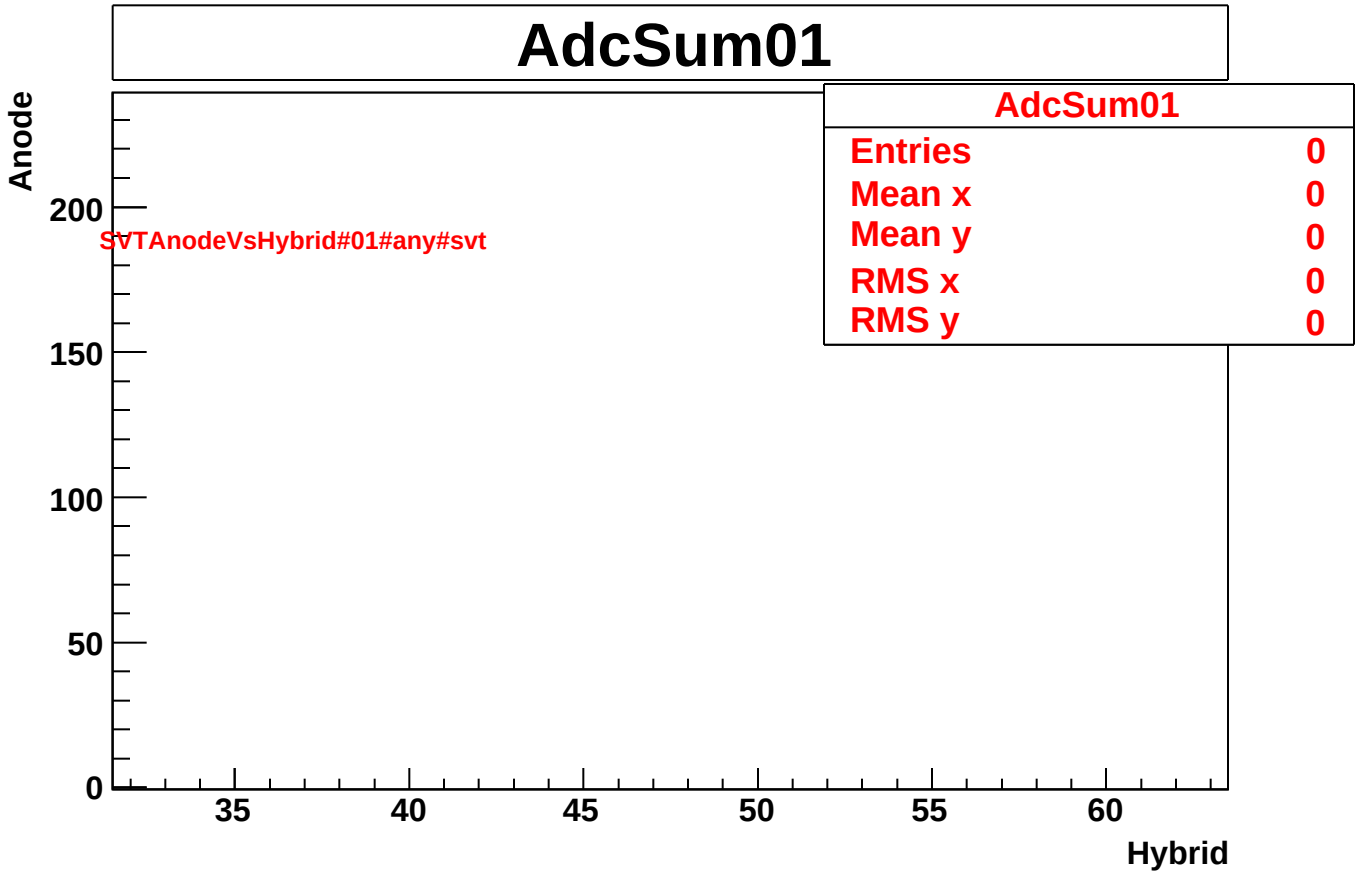
10
15
20
25
30
Hybrid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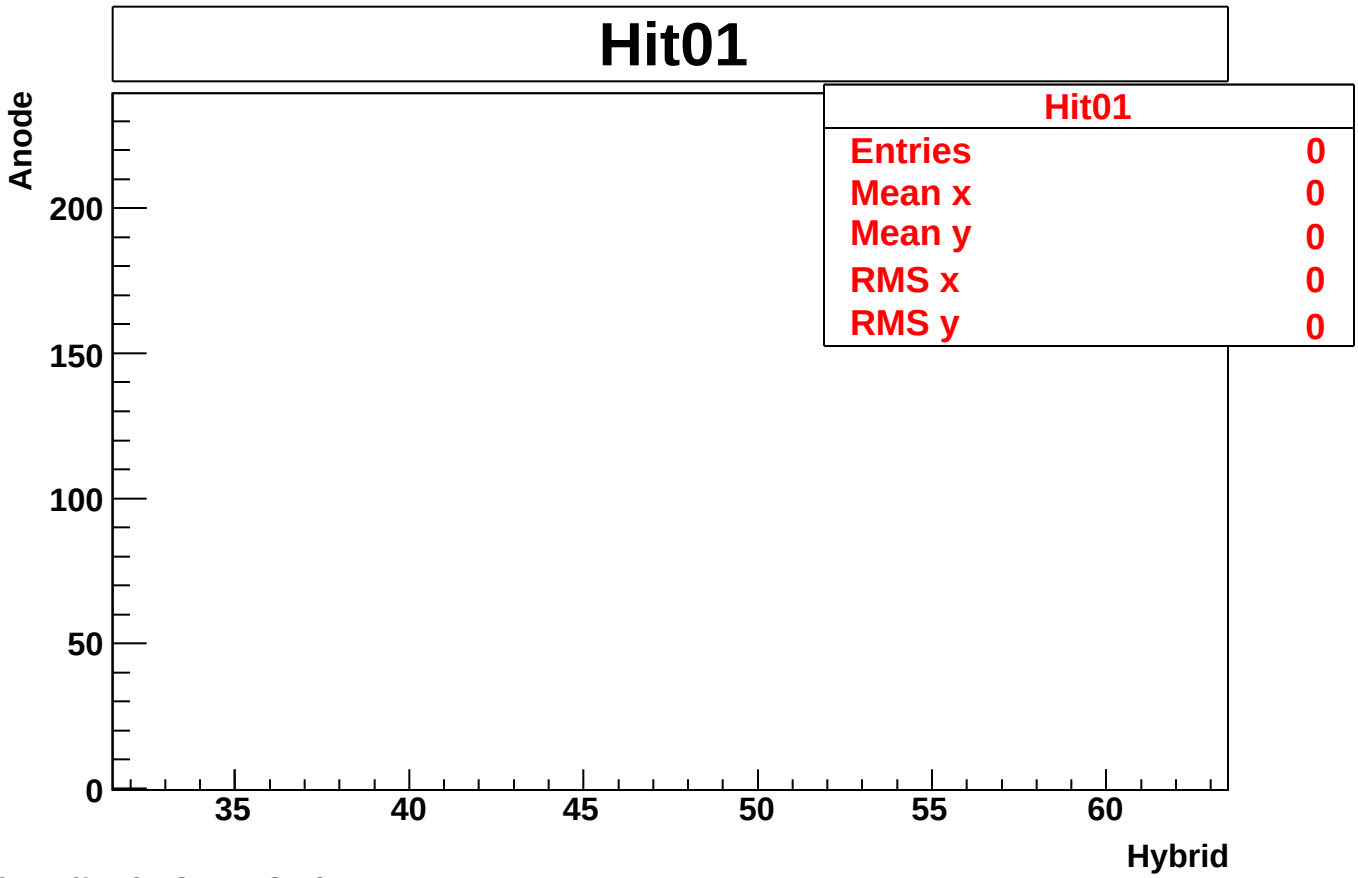
Anode
200
150
100
50
0
35
40
45
50
55
60
Hybrid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Hit01
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Mean y 0
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RMS y 0
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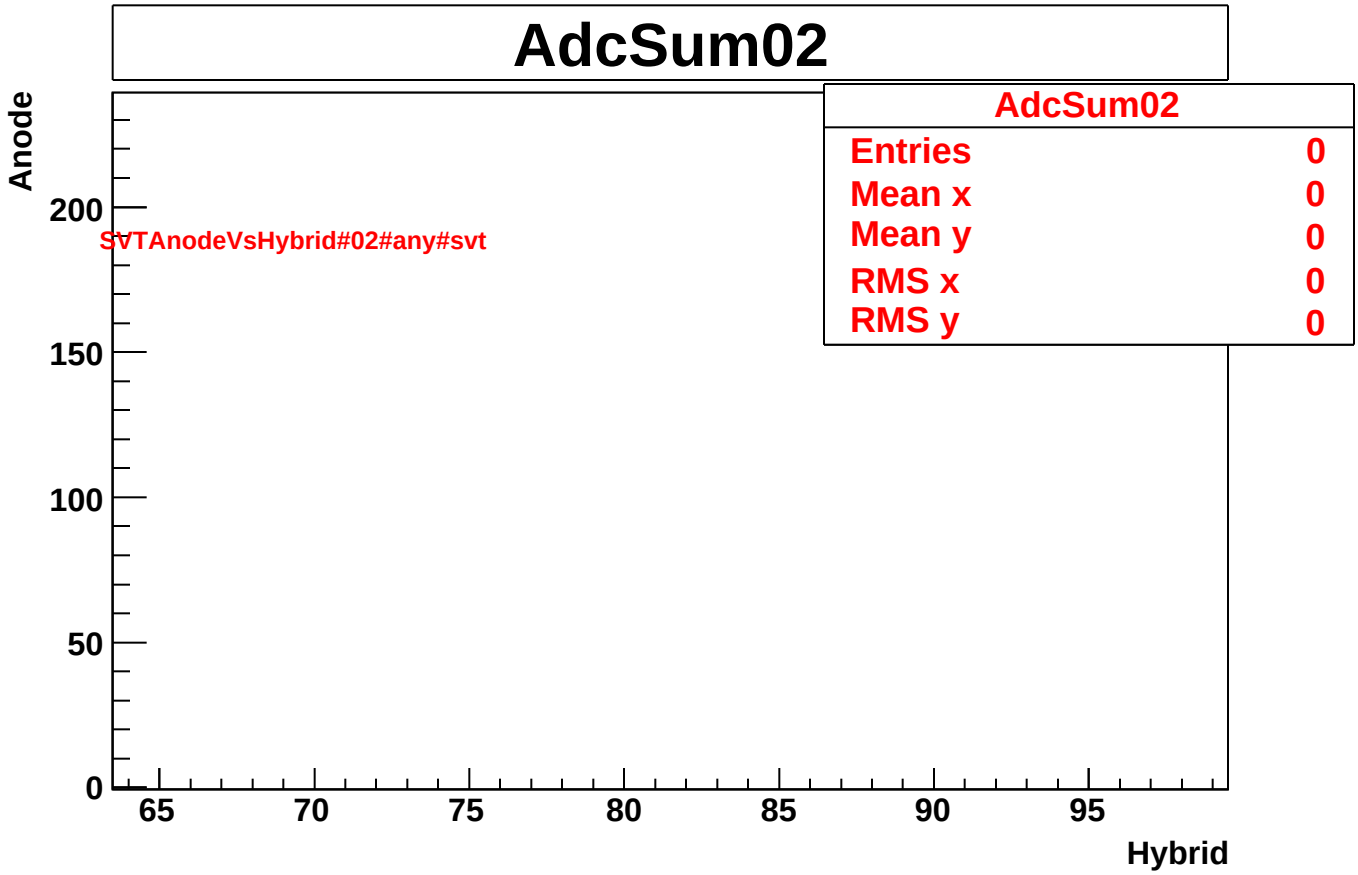
150
100
50
0
35
40
45
50
55
60
Hybrid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AdcSum02
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RMS y 0
SVTAnodeVsHybrid#02#any#svt
Anode
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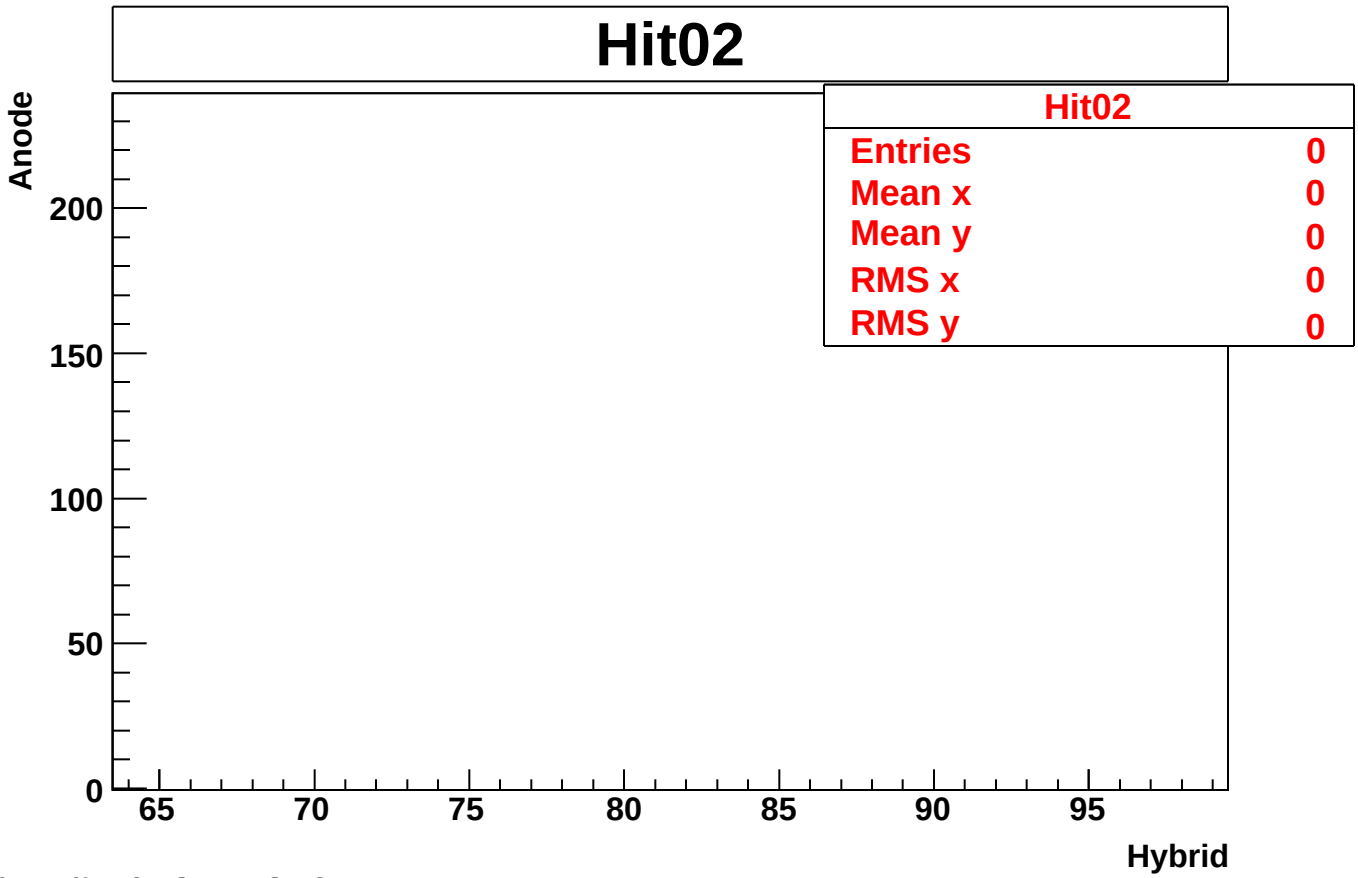
50
100
150
200
65
70
75
80
85
90
95
Hybrid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Hit02
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
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100
150
200
65
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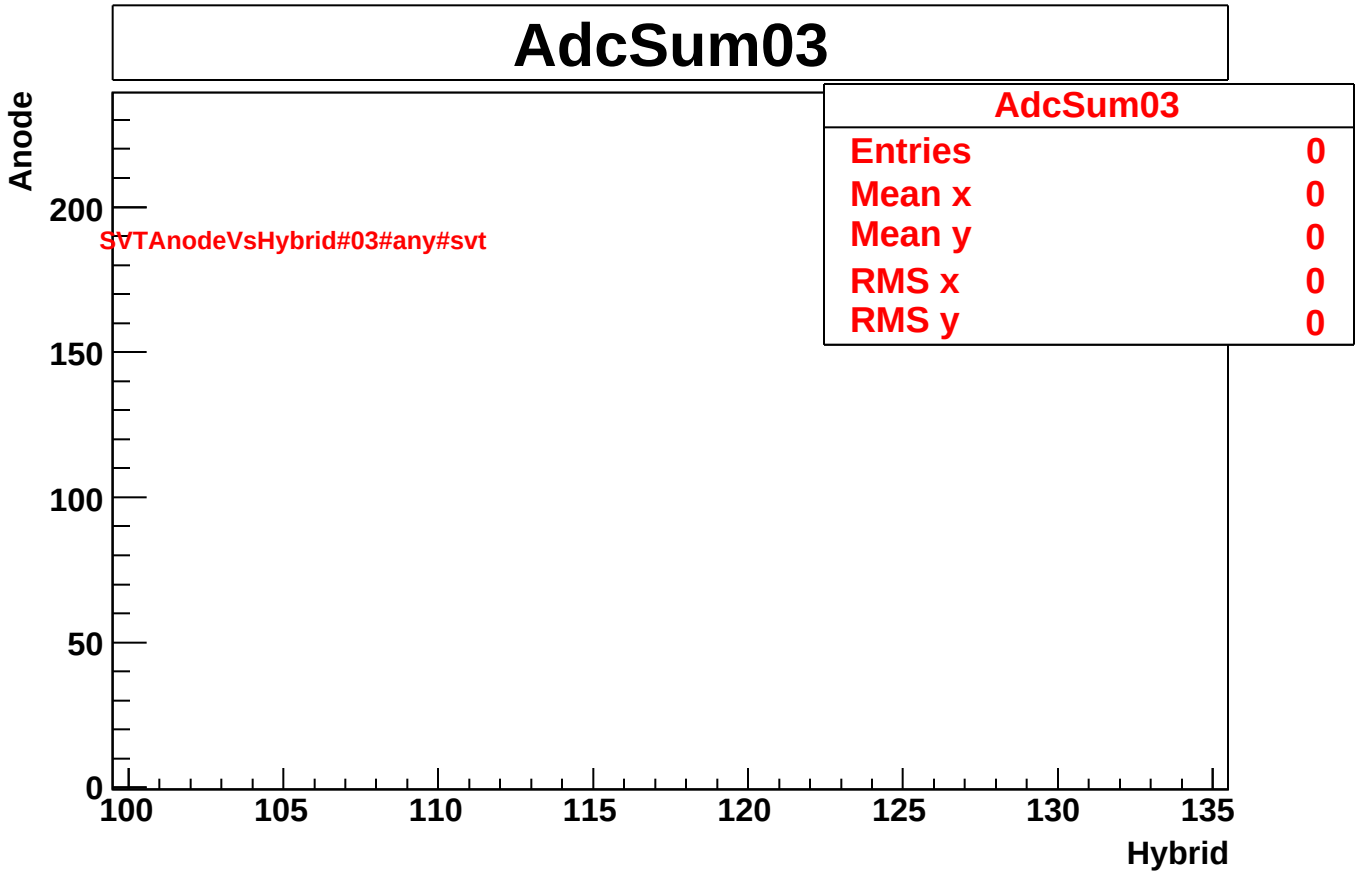
75
80
85
90
95
Hybrid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Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#03#any#svt
Anode
0
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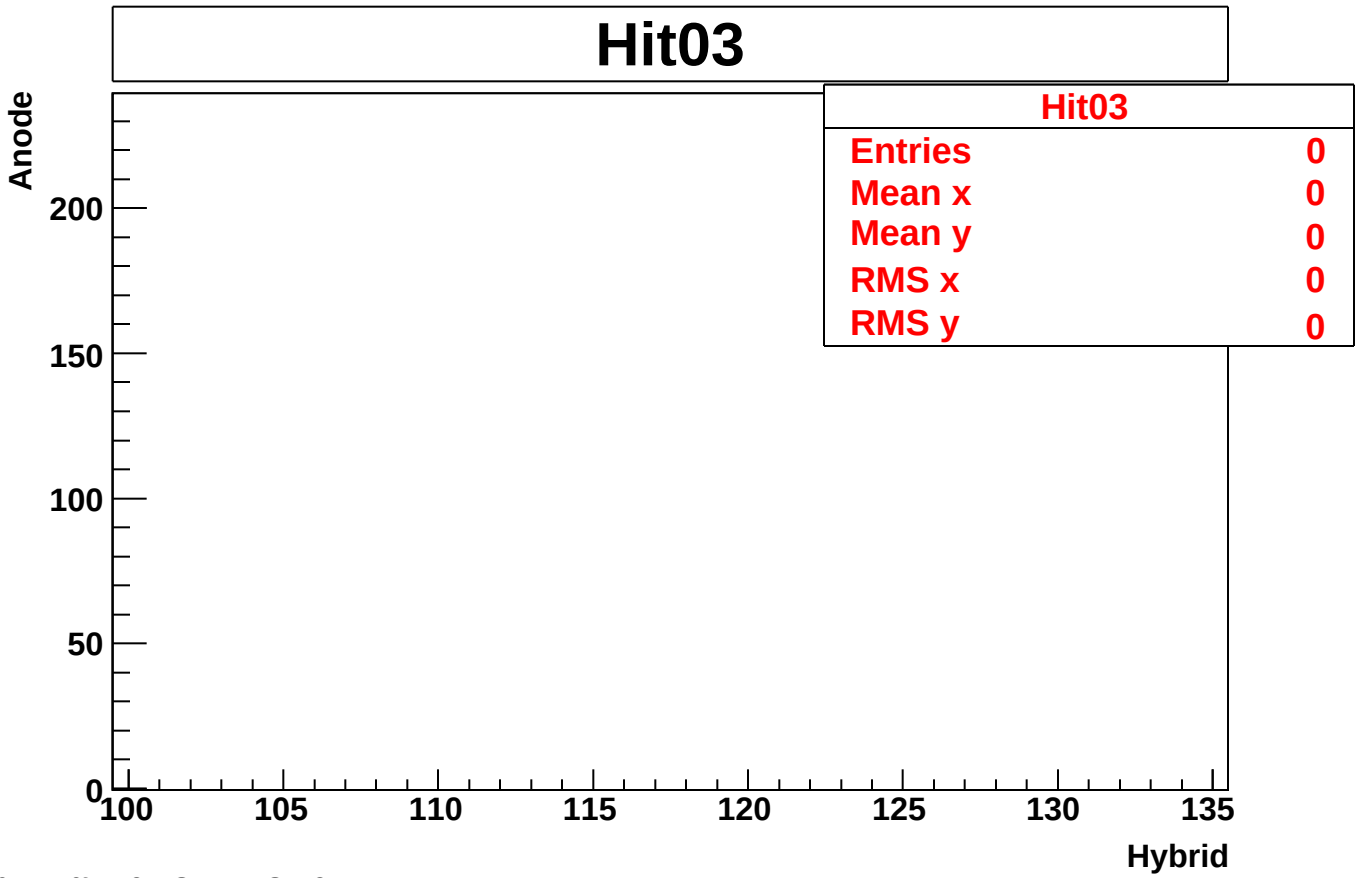
100
150
200
100
105
110
115
120
125
130
135
Hybrid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Hit03
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Mean y 0
RMS x 0
RMS y 0
Anode
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100
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200
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105
110
115
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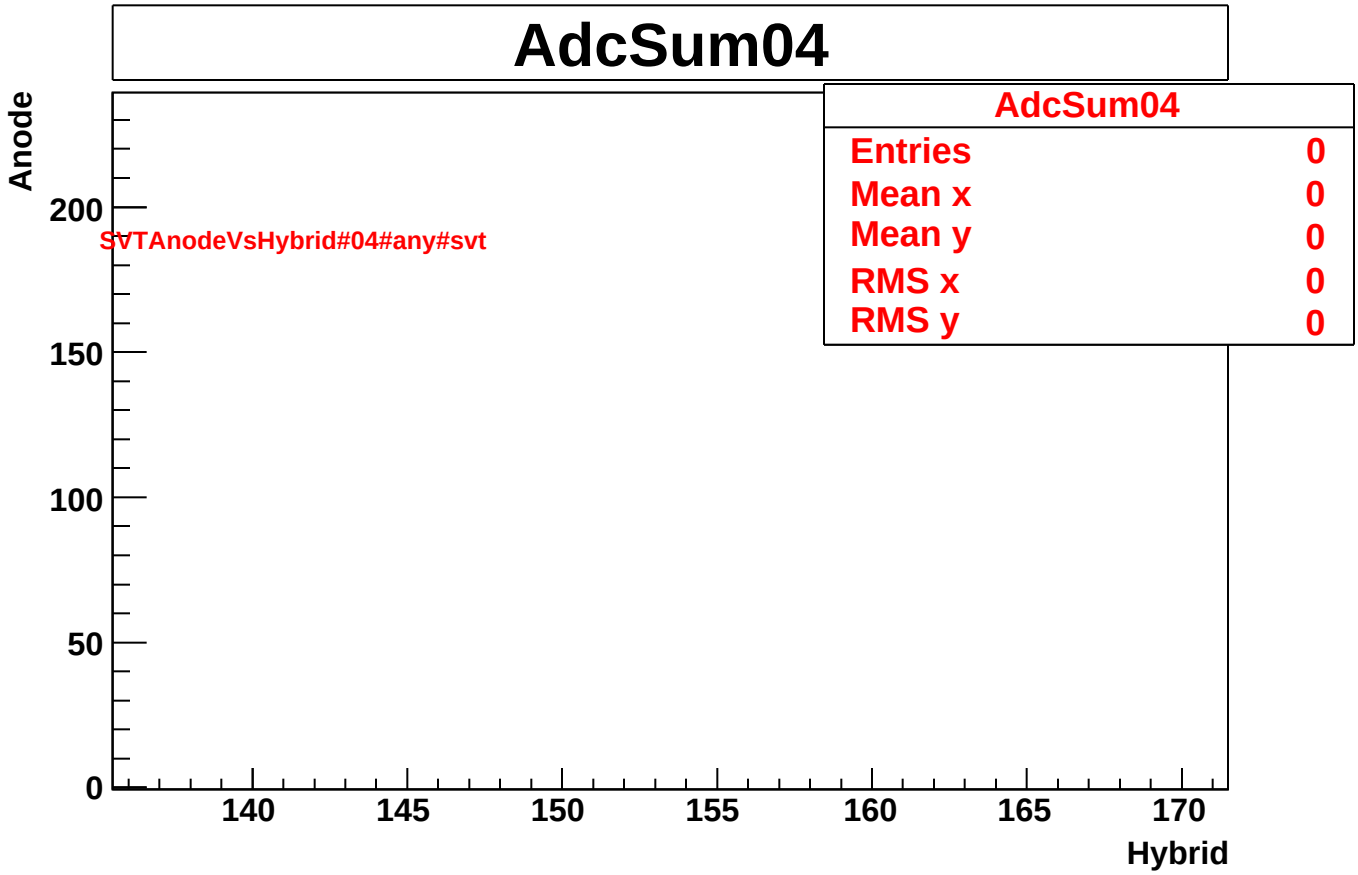
125
130
135
Hybrid


AdcSum04
AdcSum04
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Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#04#any#svt
Anode
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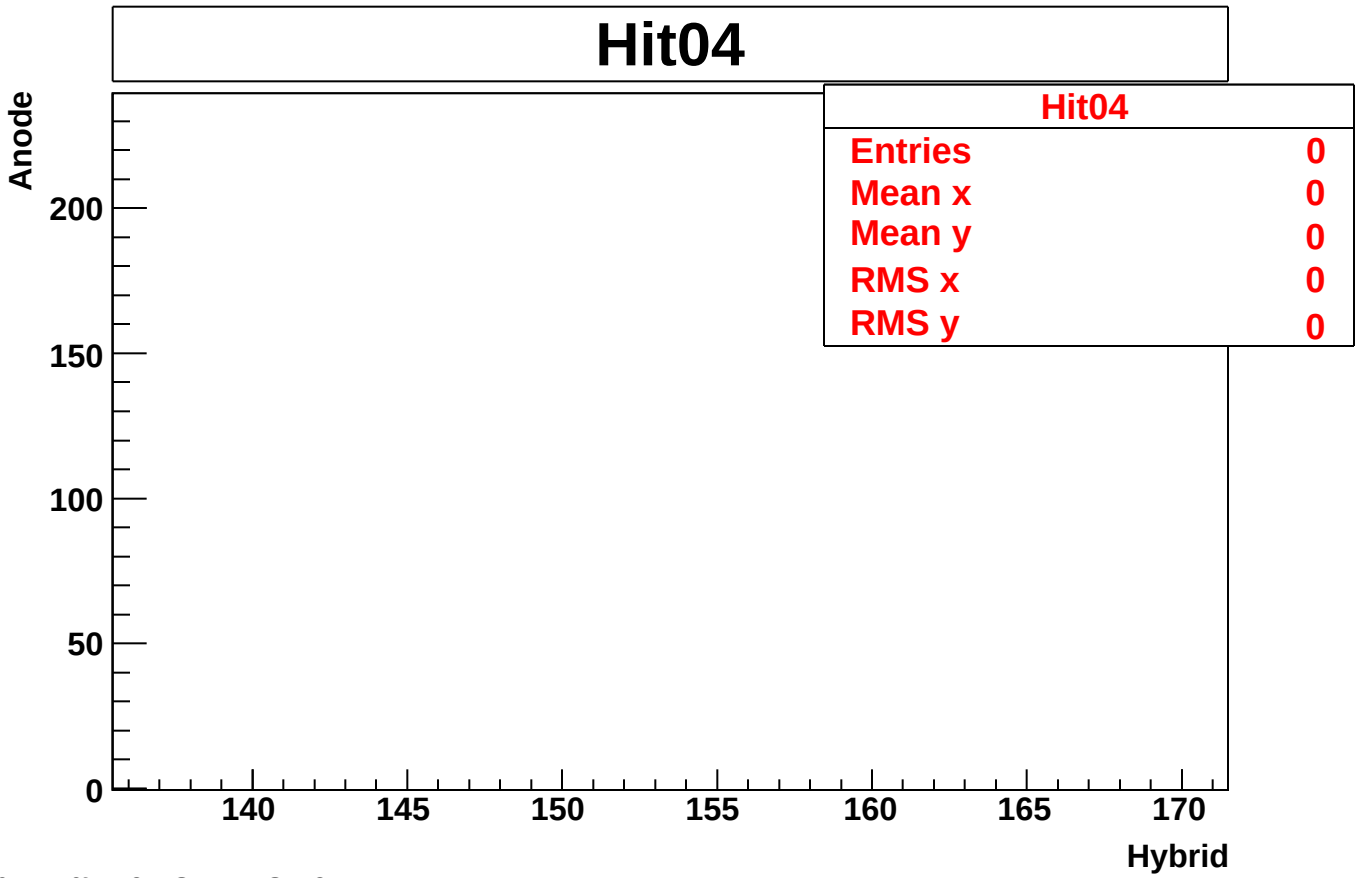
50
100
150
200
140
145
150
155
160
165
170
Hybrid


Hit04
Hit04
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Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
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100
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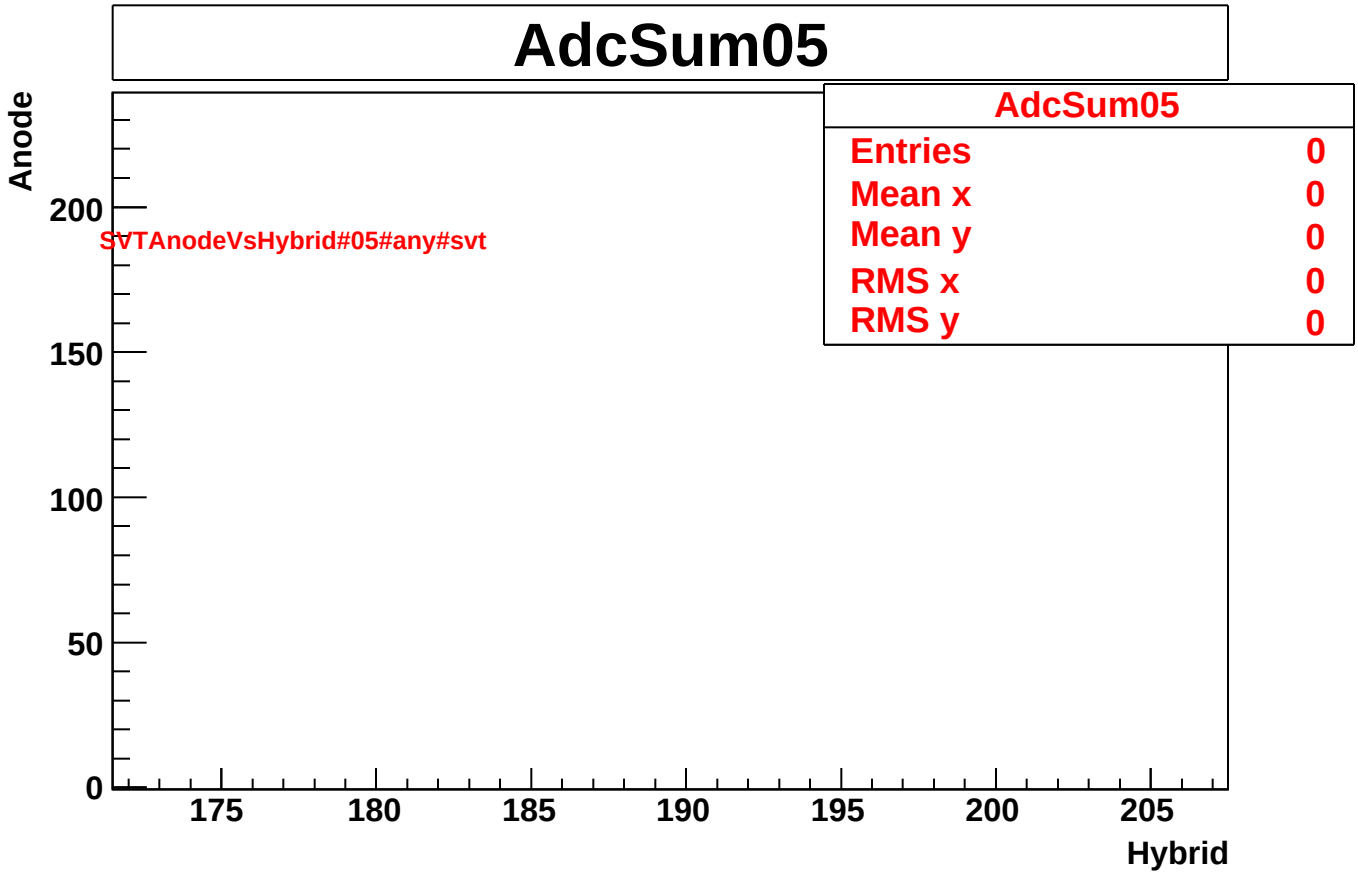
145
150
155
160
165
170
Hybrid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AdcSum05
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Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#05#any#svt
Anode
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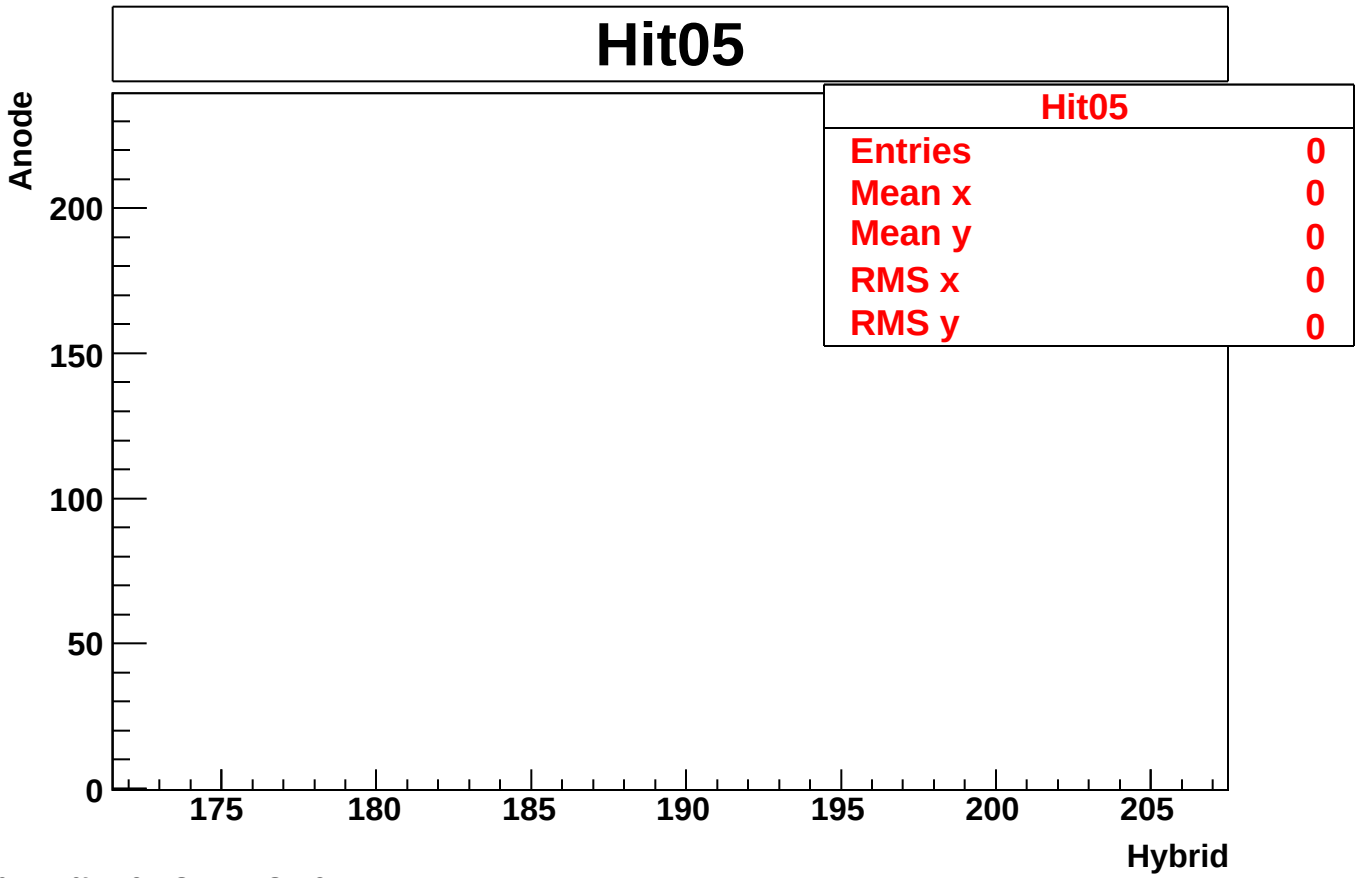
100
150
200
175
180
185
190
195
200
205
Hybrid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Hit05
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Mean y 0
RMS x 0
RMS y 0
Anode
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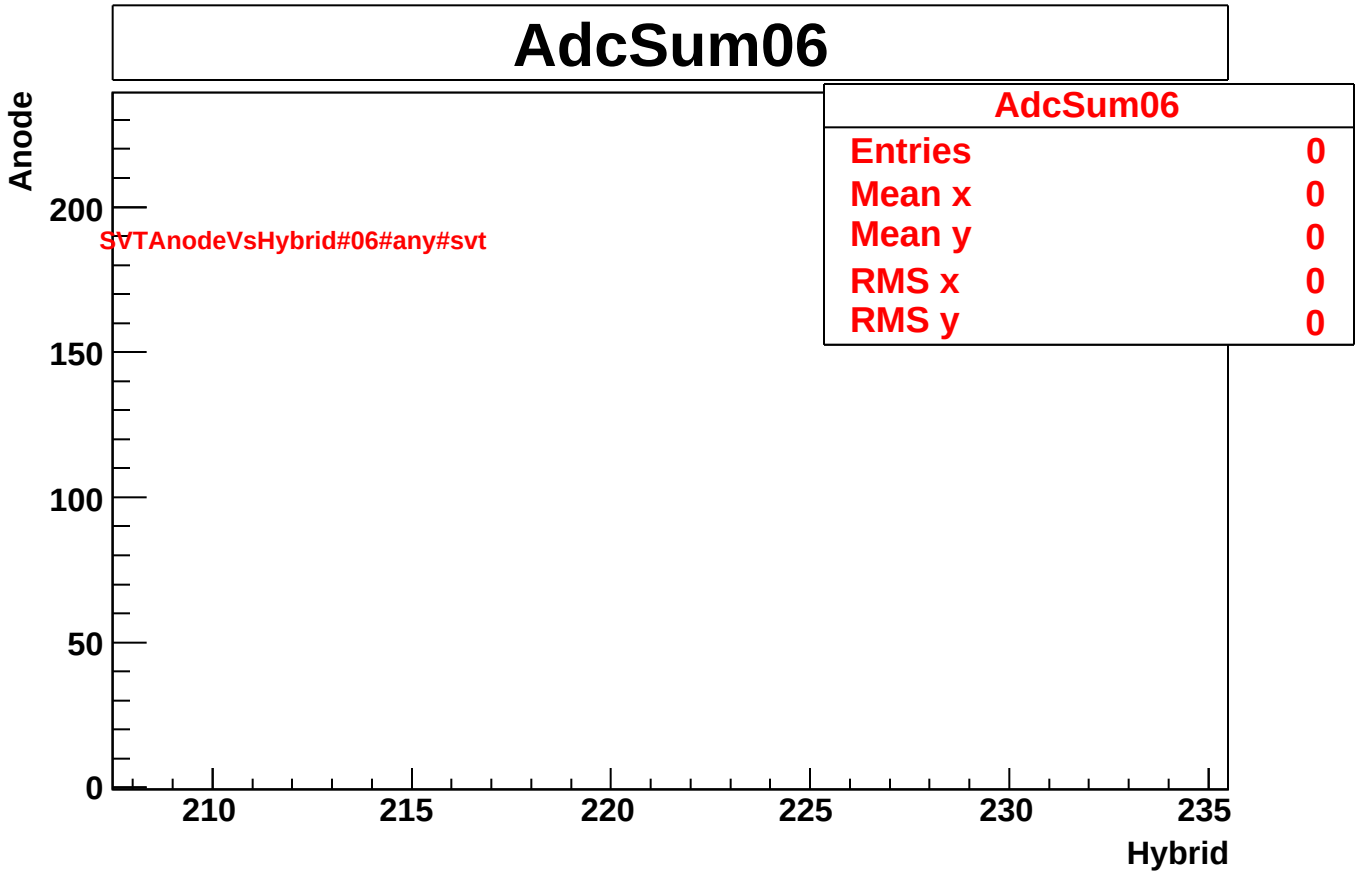
100
150
200
175
180
185
190
195
200
205
Hybrid


AdcSum06
AdcSum06
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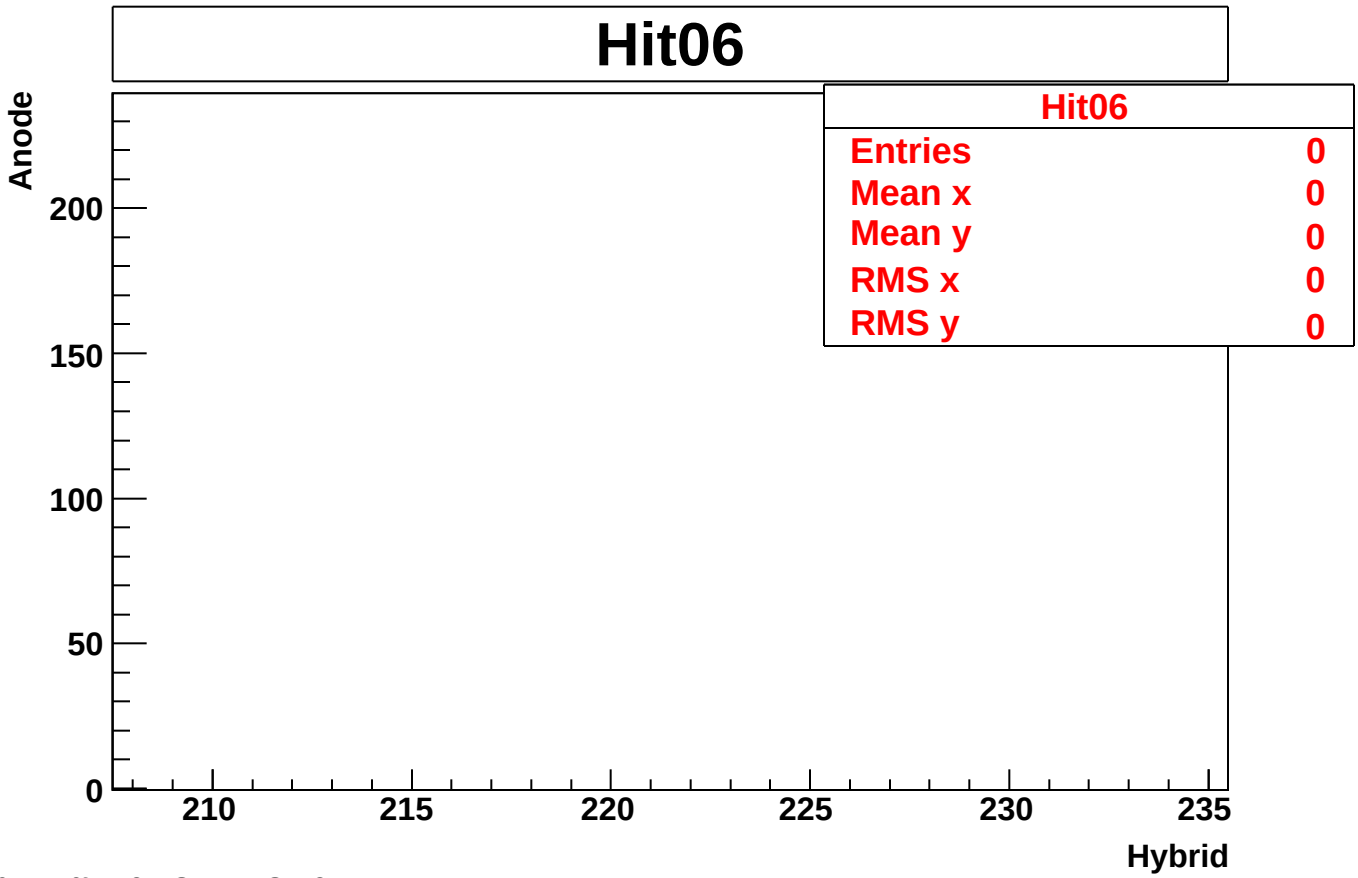
Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#06#any#svt
Anode
0
50
100
150
200
210
215
220
225
230
235
Hybrid


Hit06
Hit06
Entries 0
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Mean y 0
RMS x 0
RMS y 0
Anode
0
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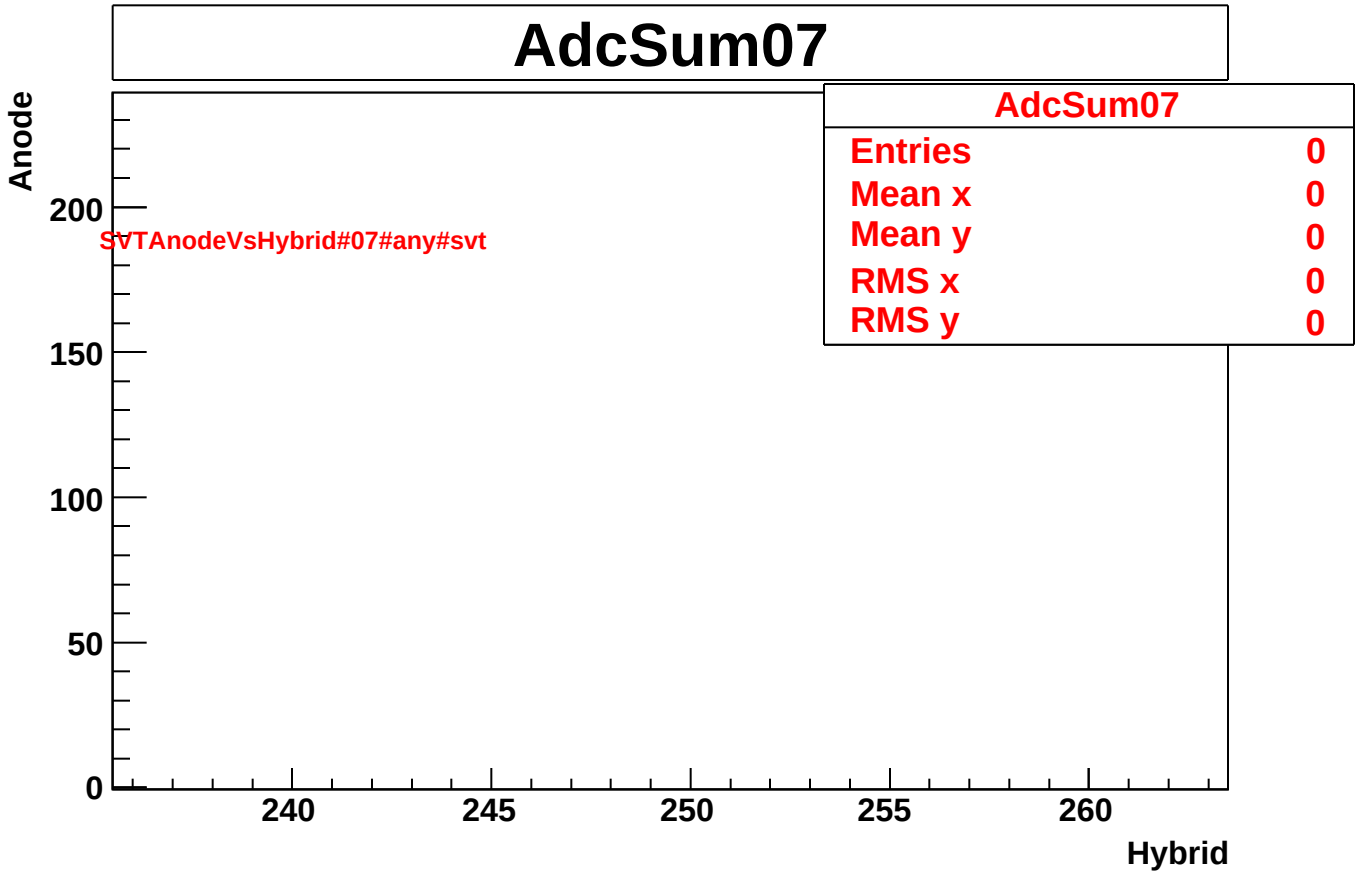
100
150
200
210
215
220
225
230
235
Hybrid


AdcSum07
AdcSum07
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Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#07#any#svt
Anode
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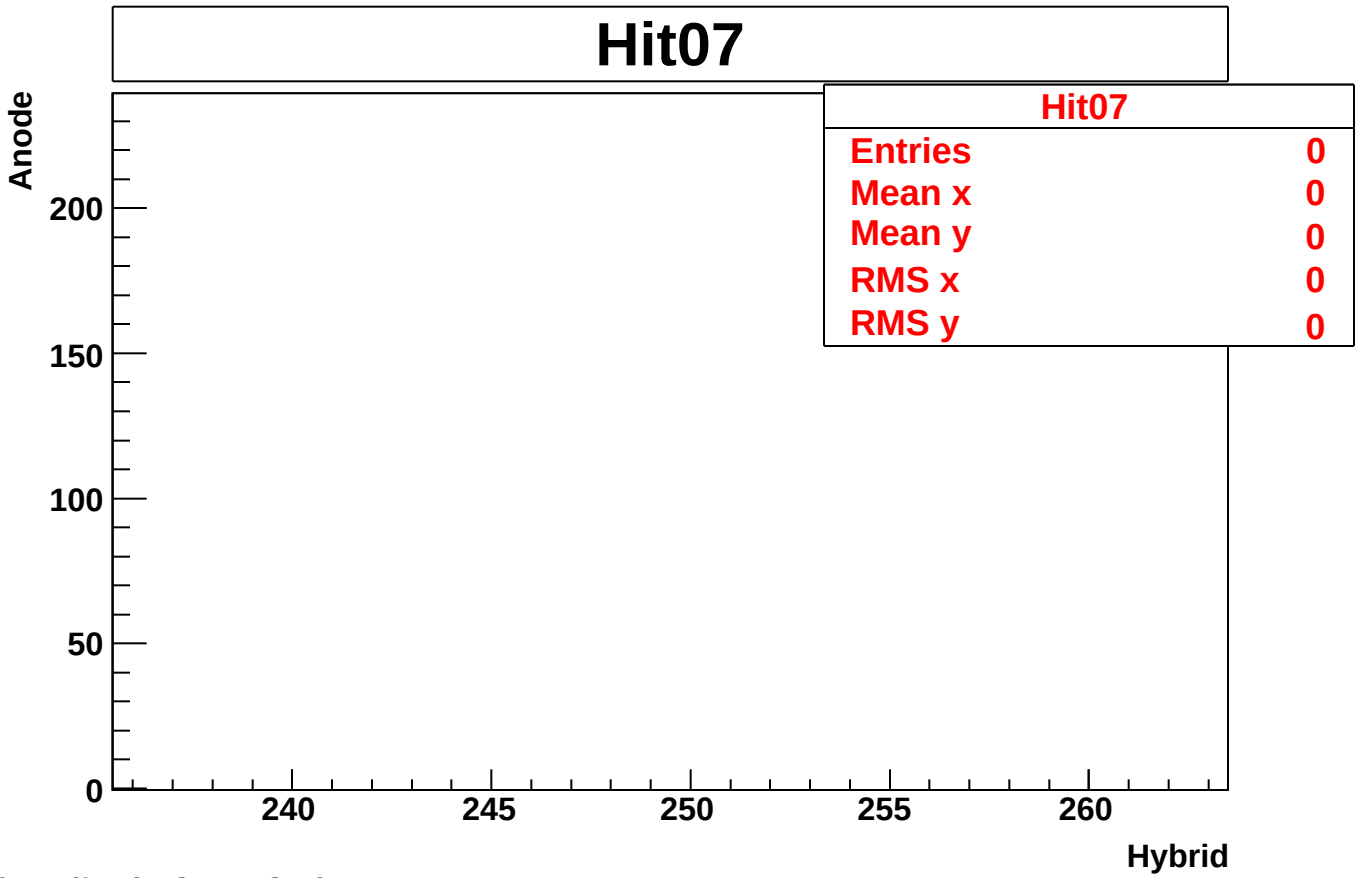
240
245
250
255
260
Hybrid


Hit07
Hit07
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RMS y 0
Anode
0
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200
240
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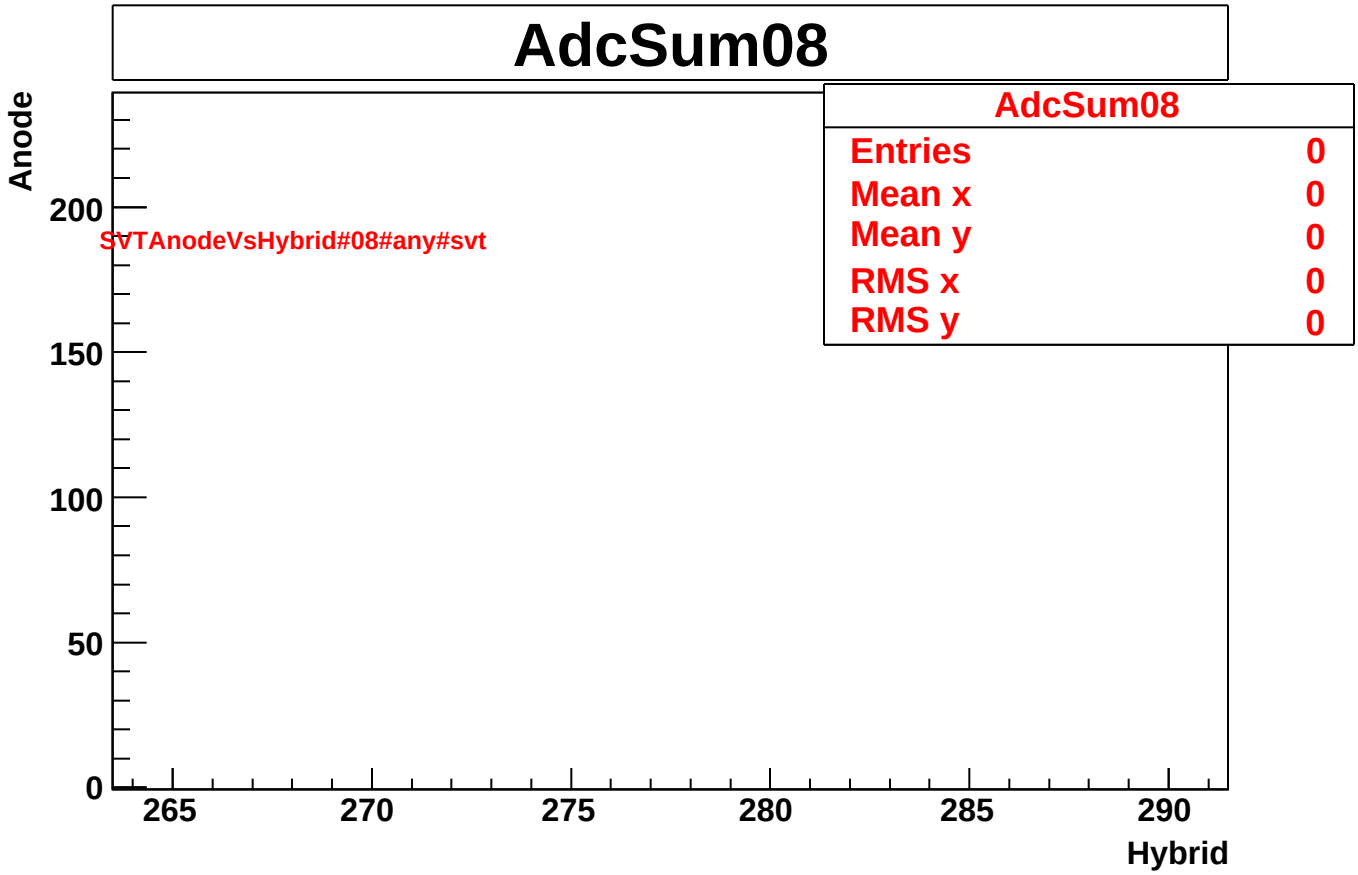
250
255
260
Hybrid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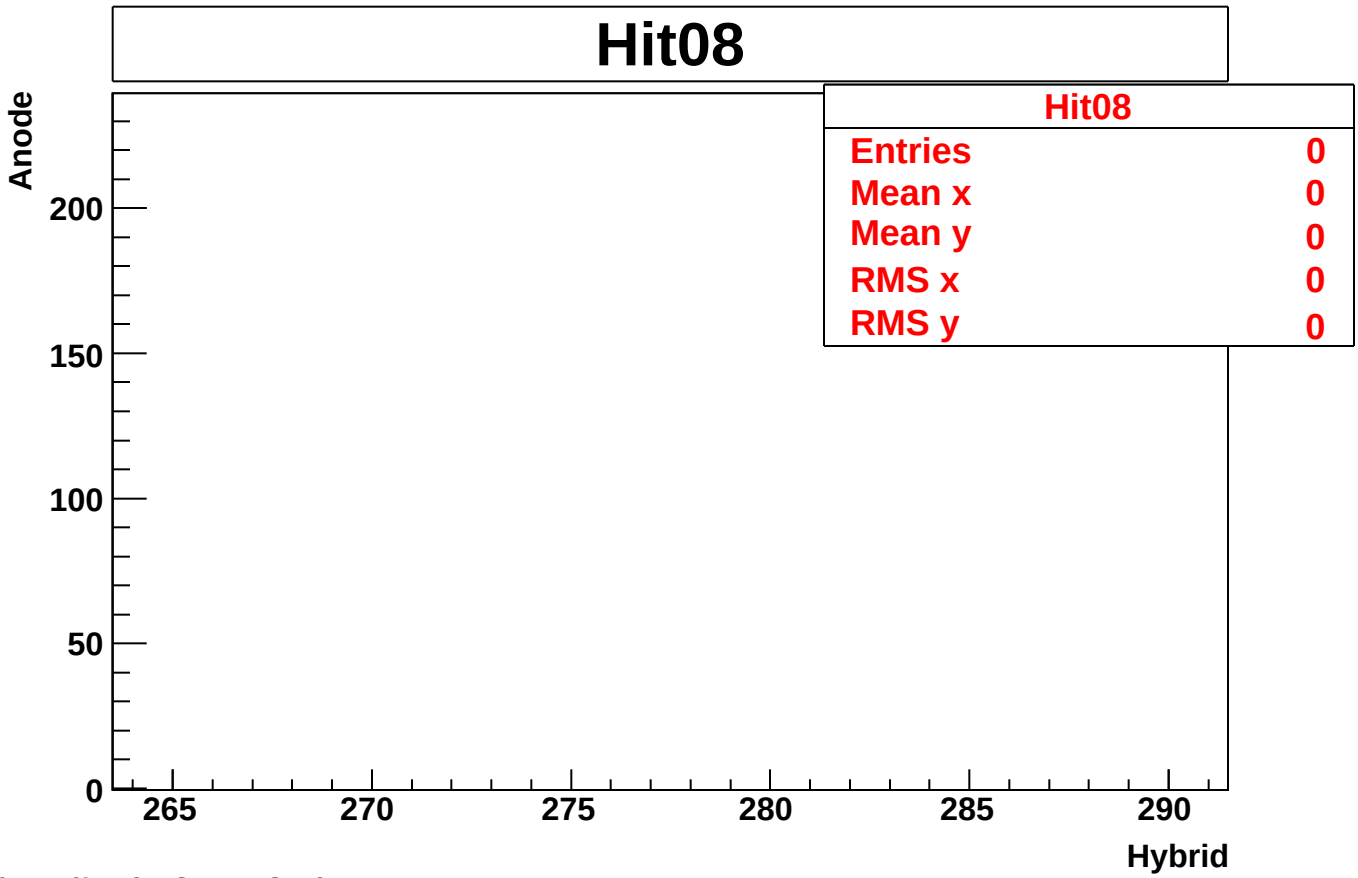
AdcSum08
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#08#any#svt
Anode
0
50
100
150
200
265
270
275
280
285
290
Hybrid


Hit08
Hit08
Entries 0
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Mean y 0
RMS x 0
RMS y 0
Anode
0
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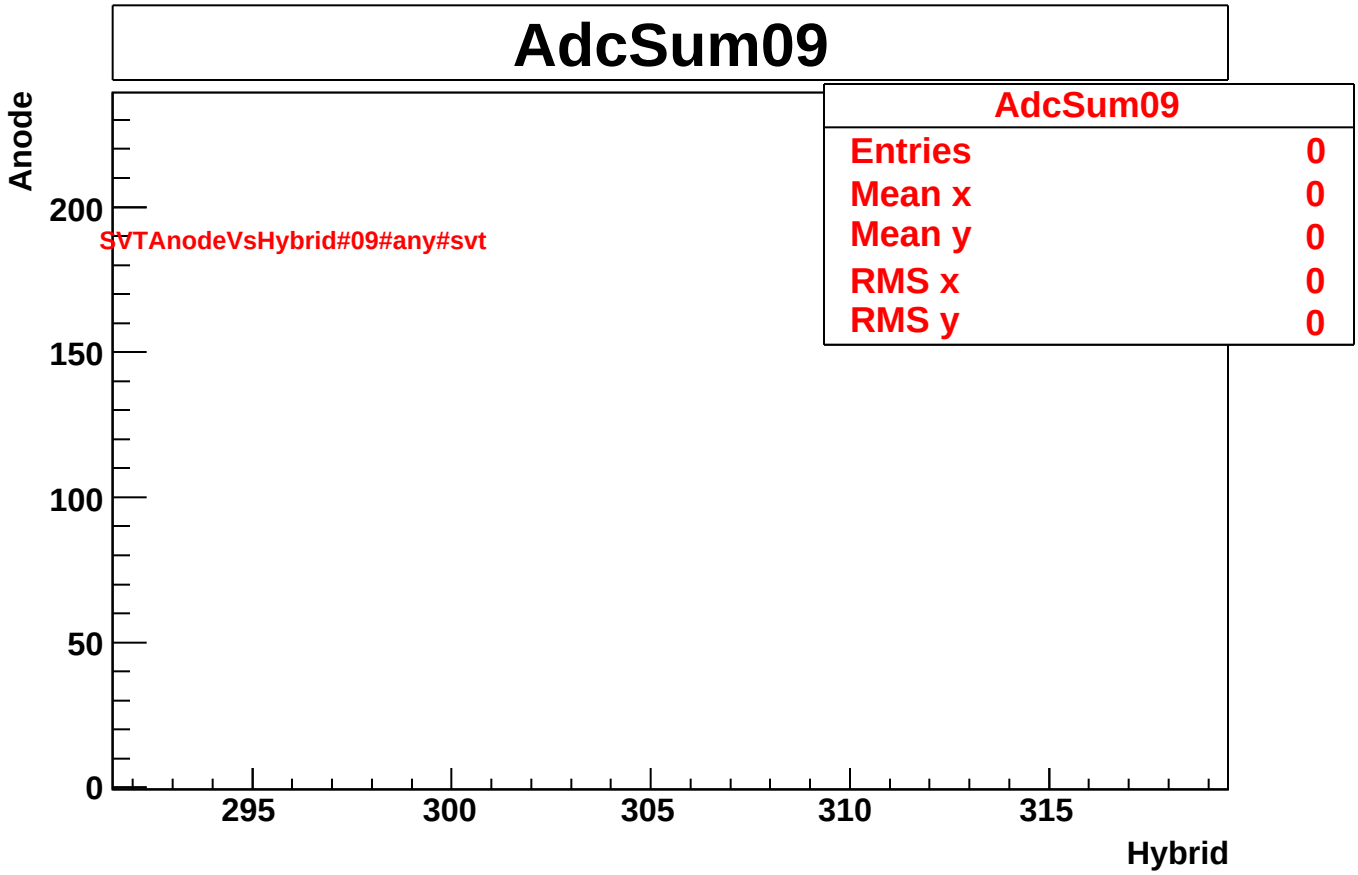
100
150
200
265
270
275
280
285
290
Hybrid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AdcSum09
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RMS x 0
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Anode
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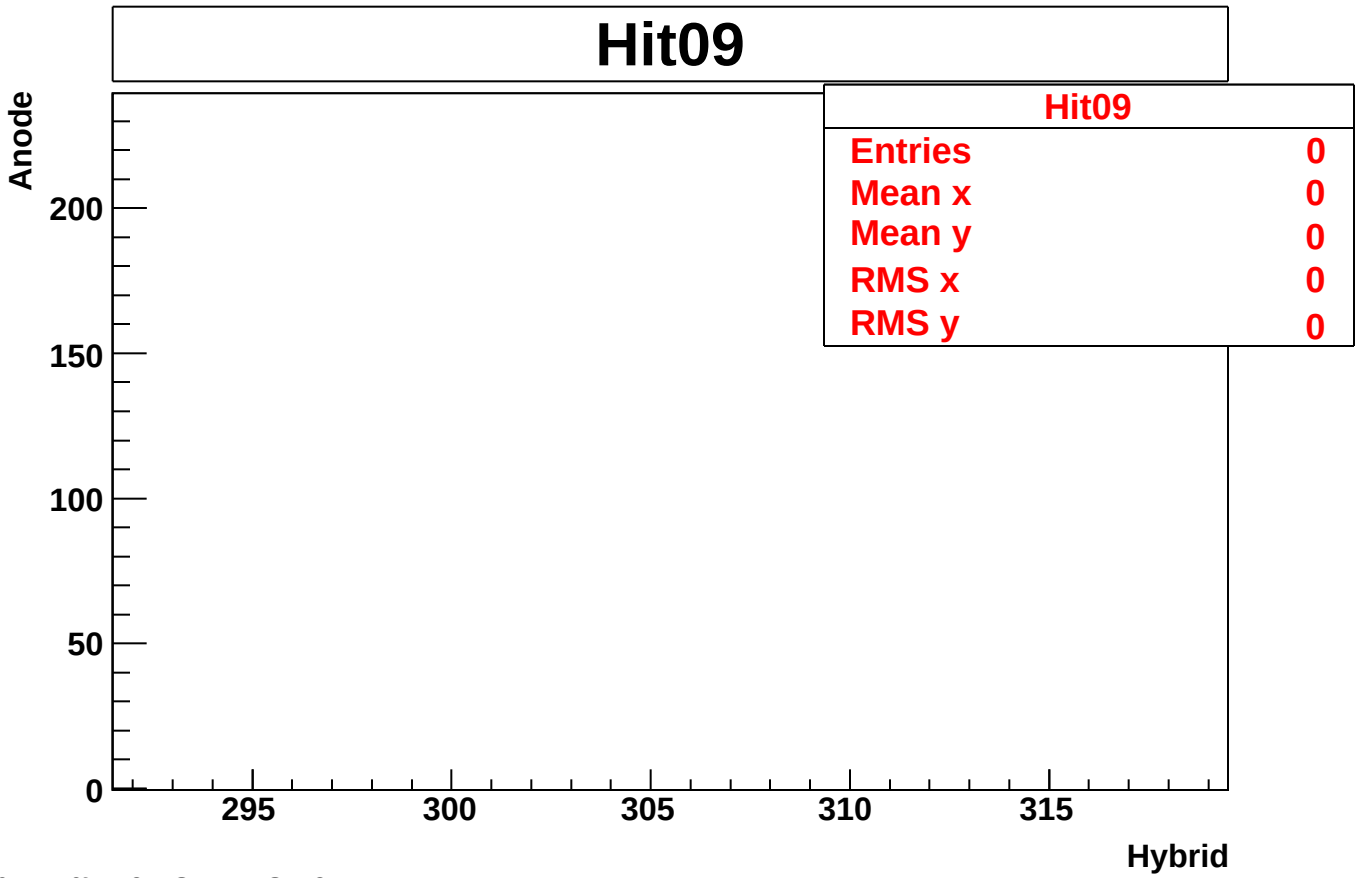
295
300
305
310
315
Hybrid


Hit09
Hit09
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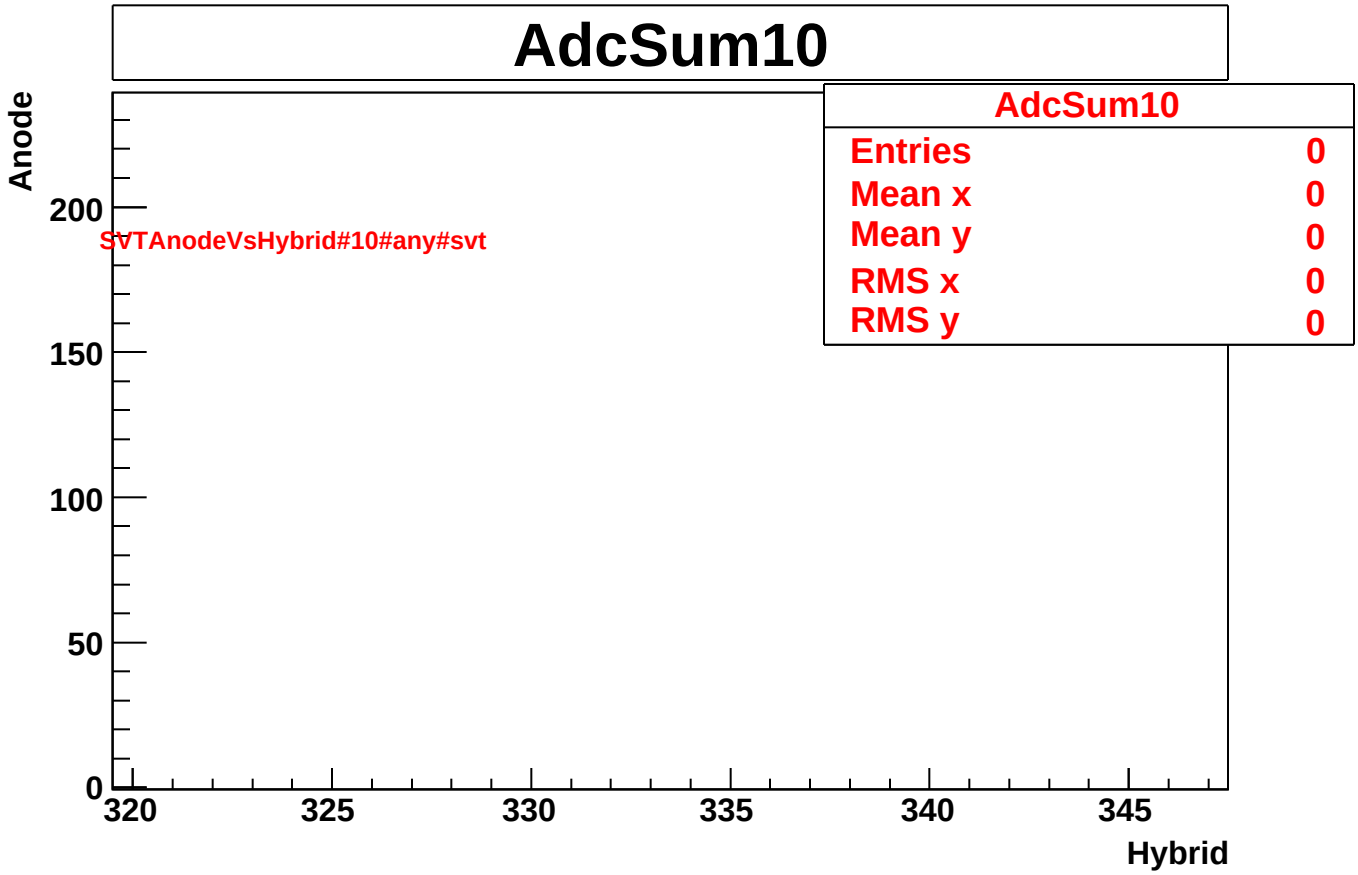
Mean y 0
RMS x 0
RMS y 0
Anode
200
150
100
50
0
295
300
305
310
315
Hybrid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AdcSum10
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Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#10#any#svt
Anode
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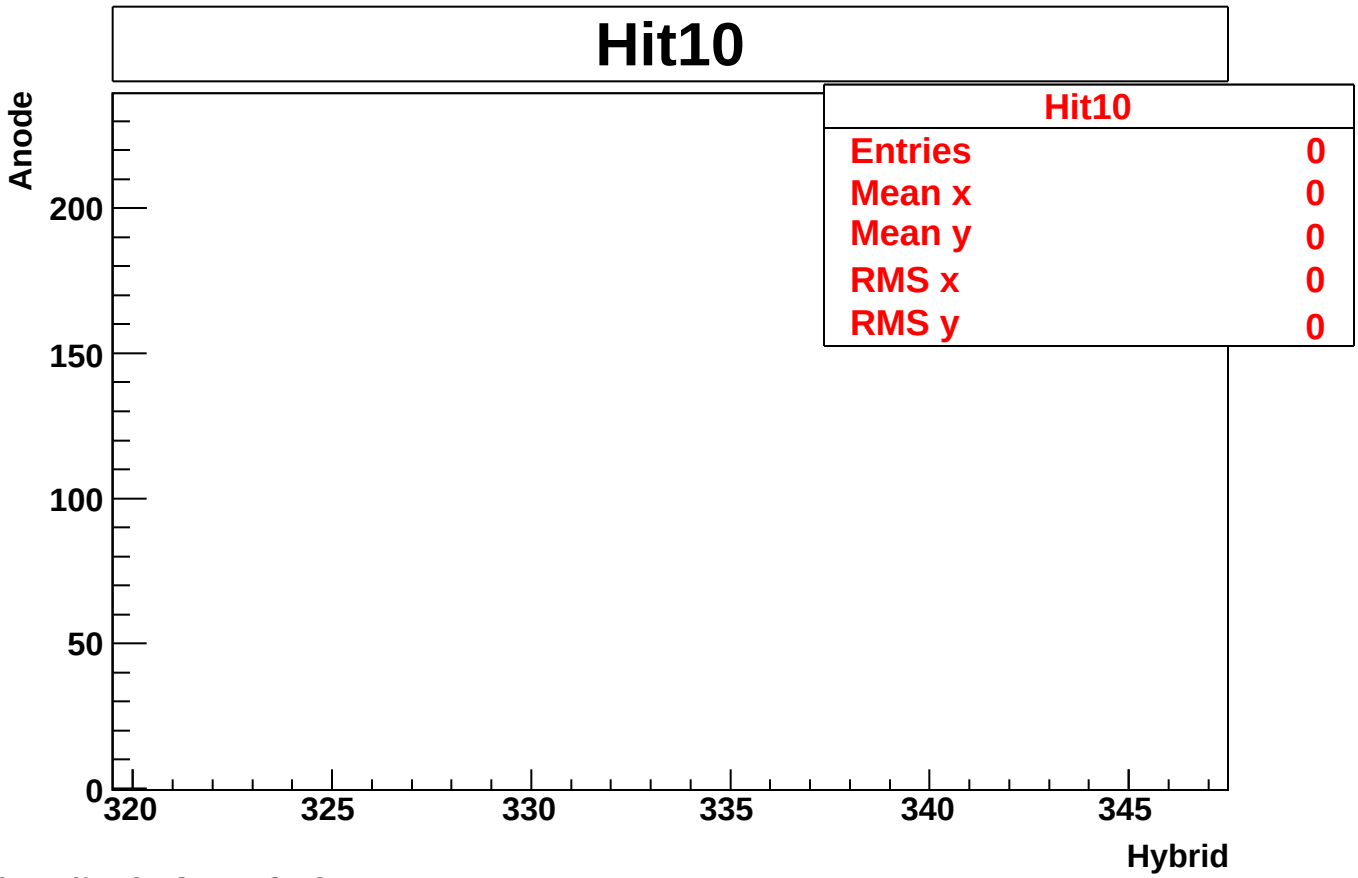
325
330
335
340
345
Hybrid


Hit10
Hit10
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RMS y 0
Anode
0
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200
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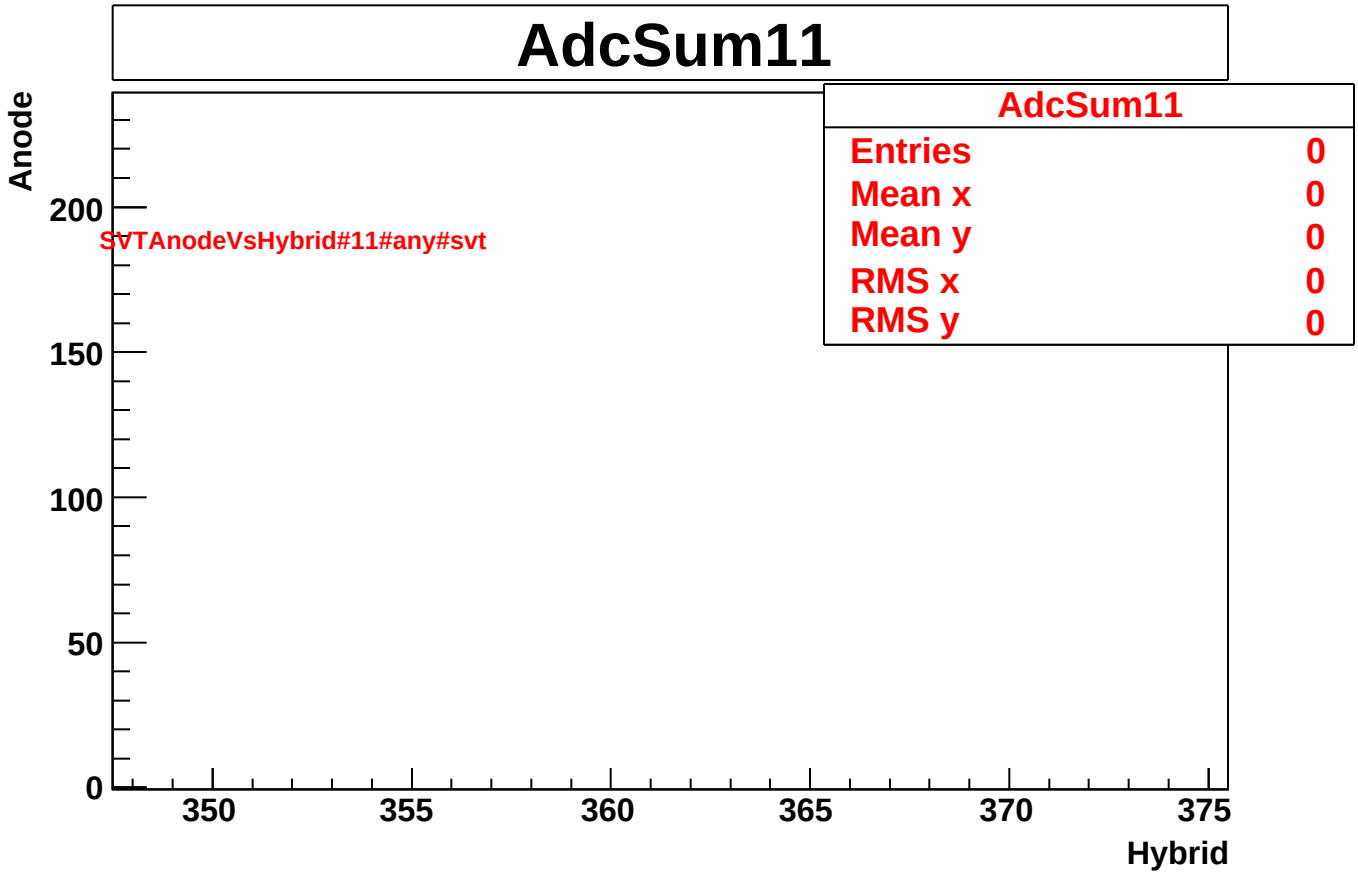
330
335
340
345
Hybrid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AdcSum11
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SVTAnodeVsHybrid#11#any#svt
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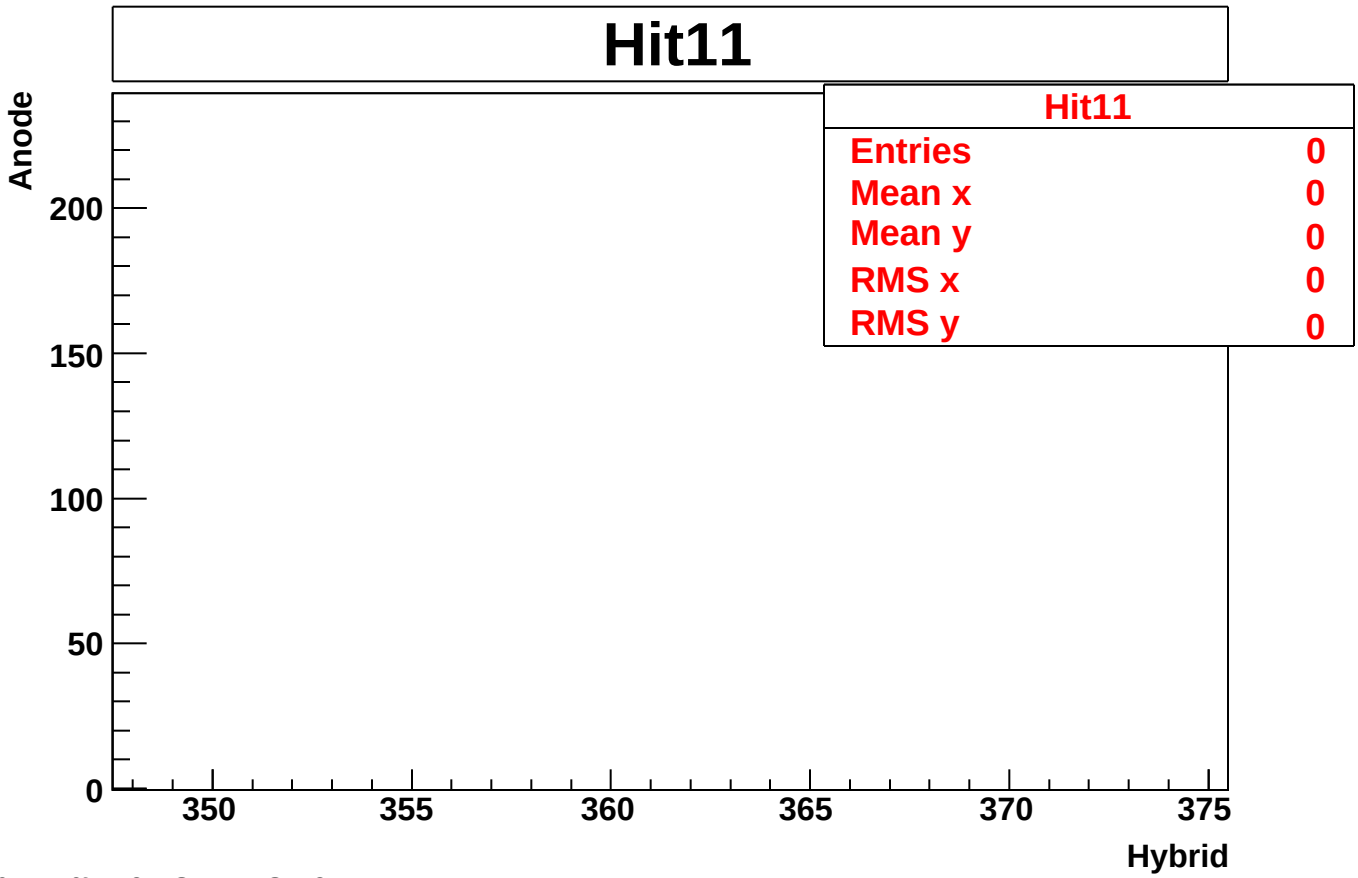
100
50
0
350
355
360
365
370
375
Hybrid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Hit11
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100
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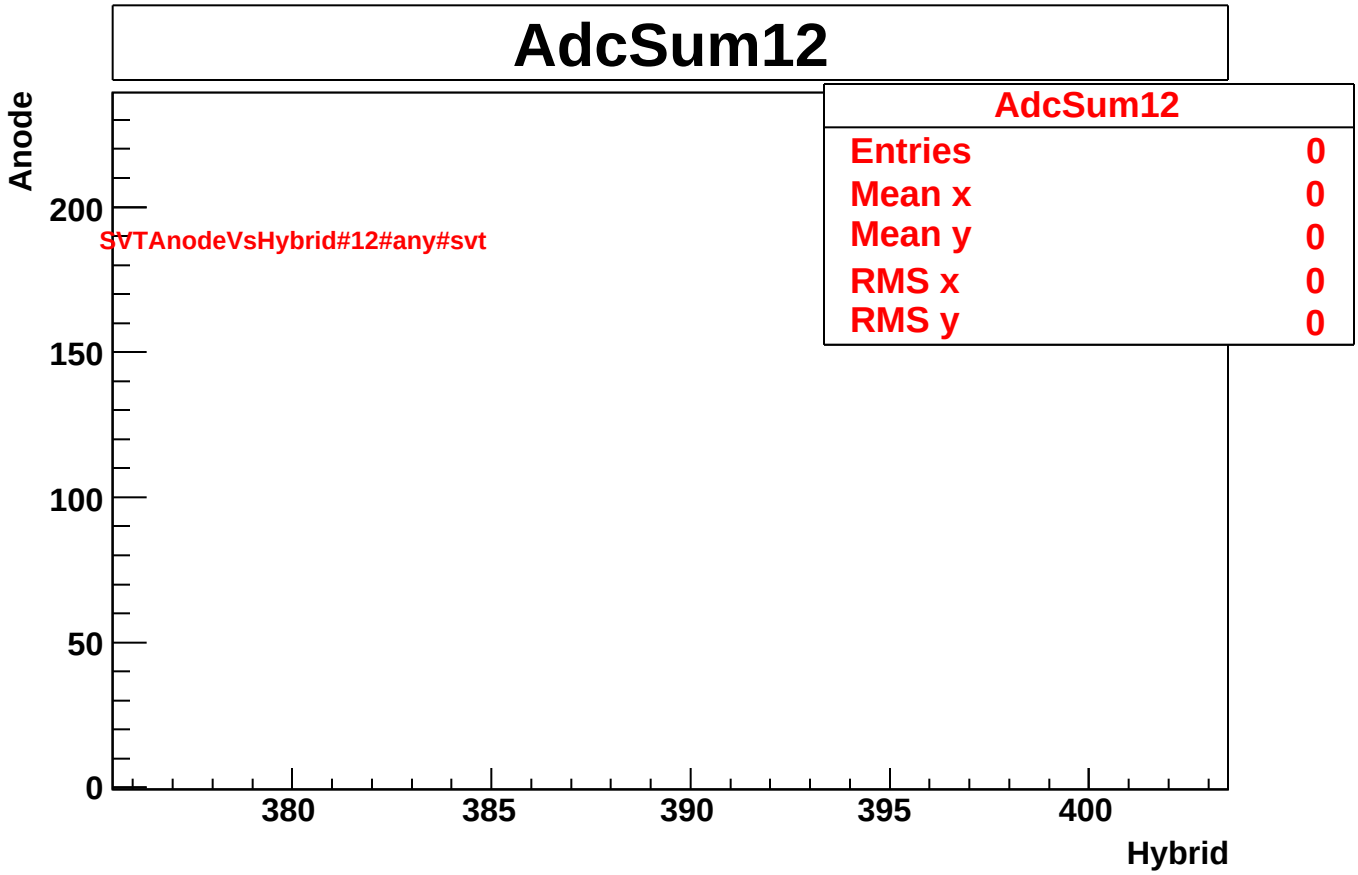
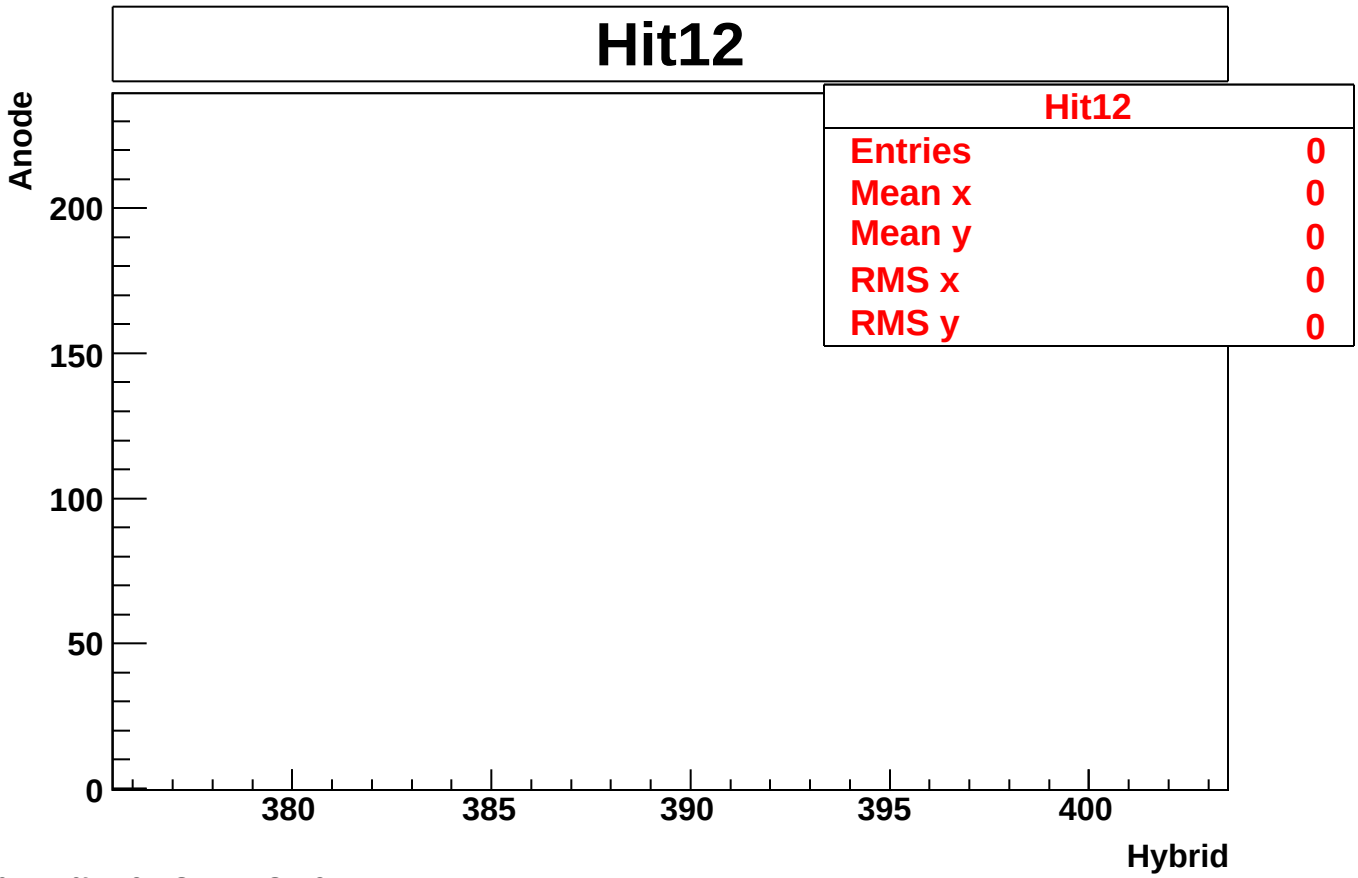
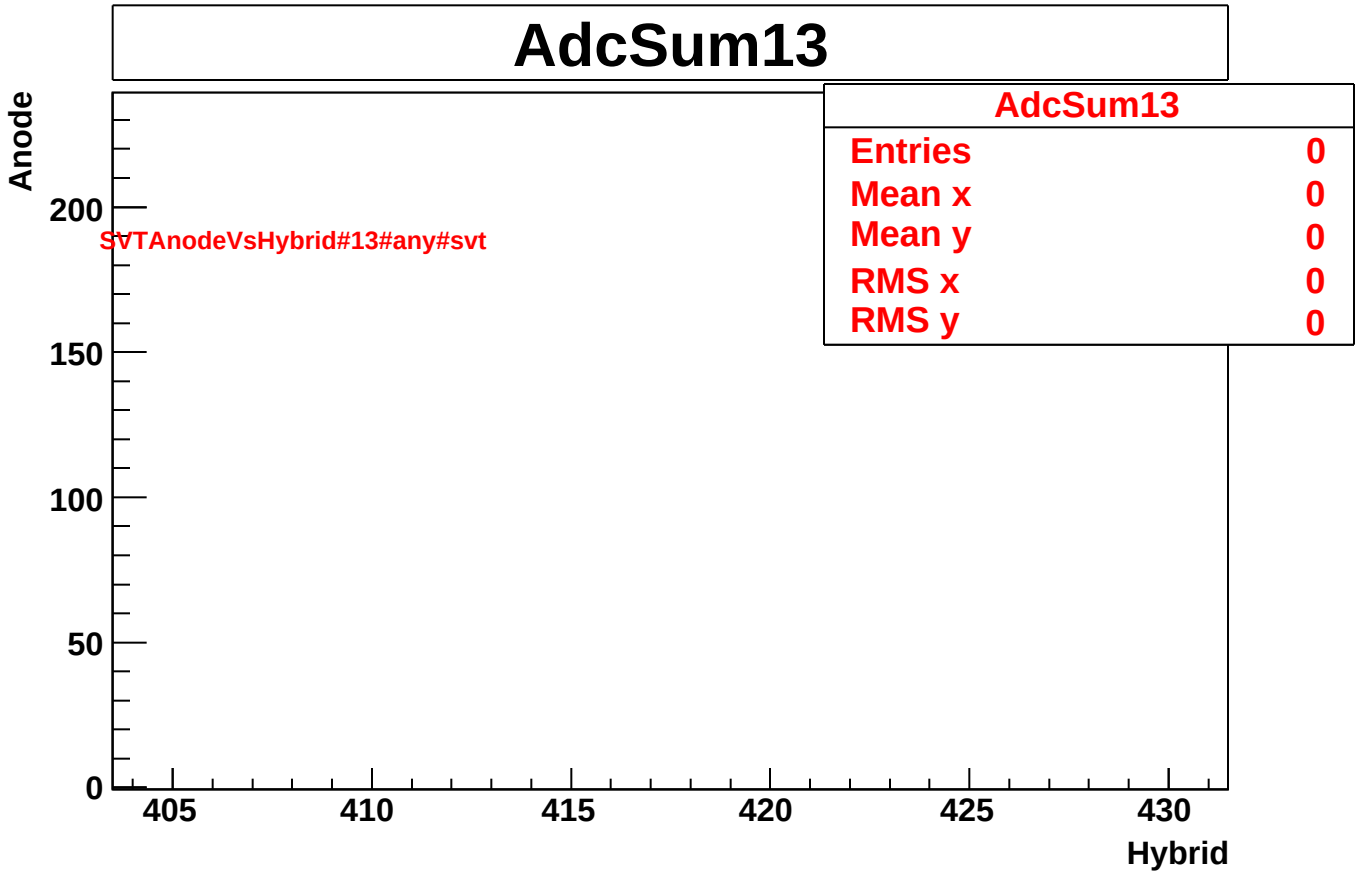
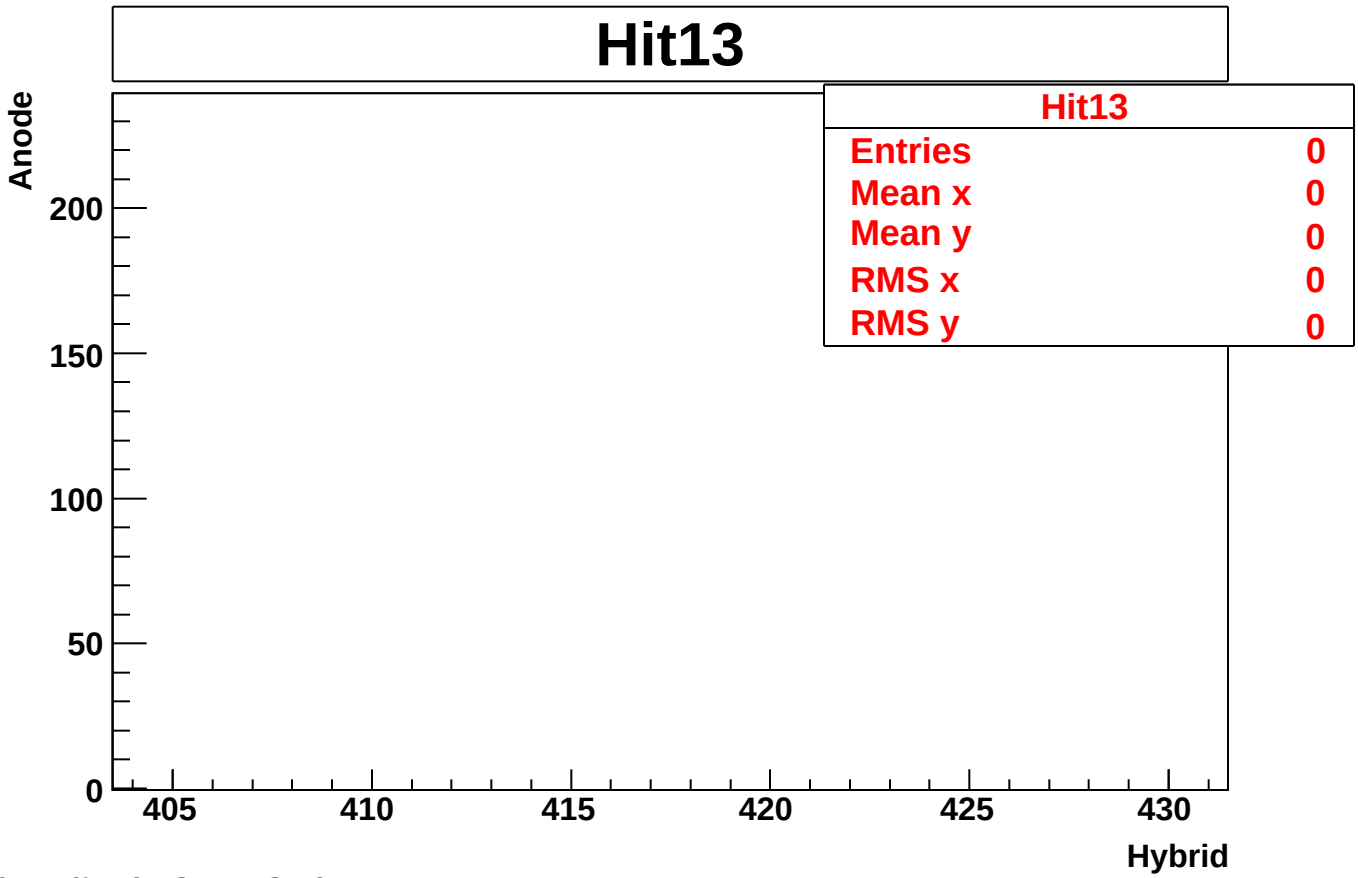
360
365
370
375
Hybrid

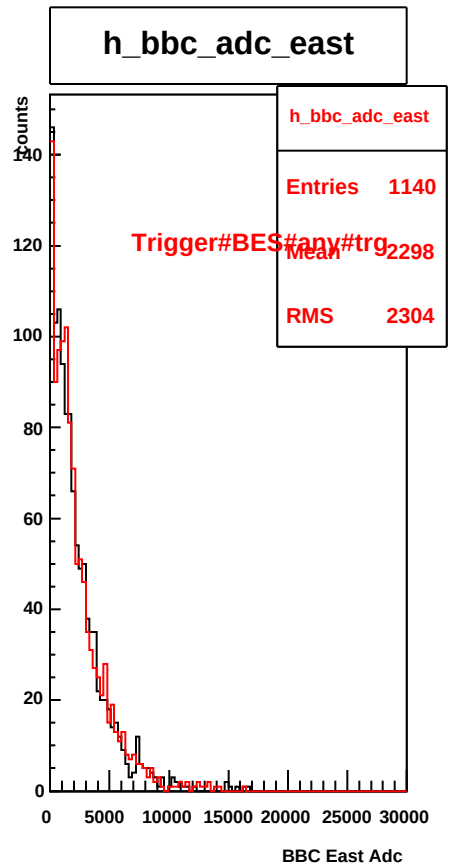

AdcSum12
AdcSum12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#12#any#svt
Anode
200
150
100
50
0
380
385
390
395
400
Hybrid

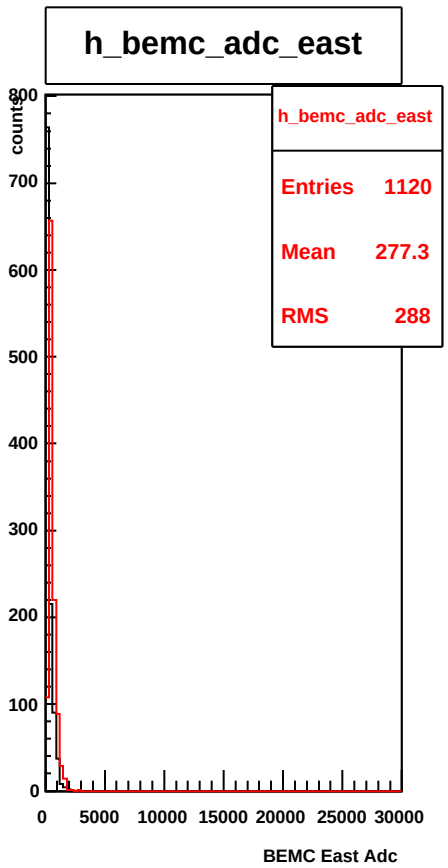

Hit12
Hit12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
200
150
100
50
0
380
385
390
395
400
Hybrid

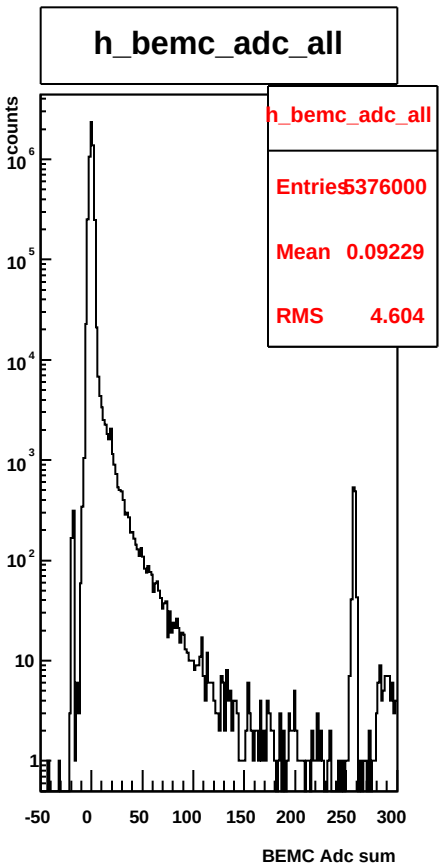

AdcSum13
AdcSum13
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
SVTAnodeVsHybrid#13#any#svt
Anode
0
50
100
150
200
405
410
415
420
425
430
Hybrid

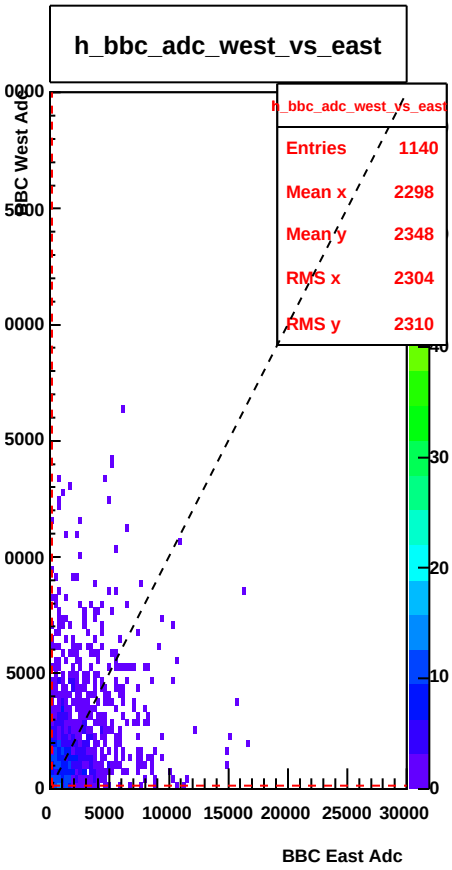

Hit13
Hit13
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
0
50
100
150
200
405
410
415
420
425
430
Hybrid

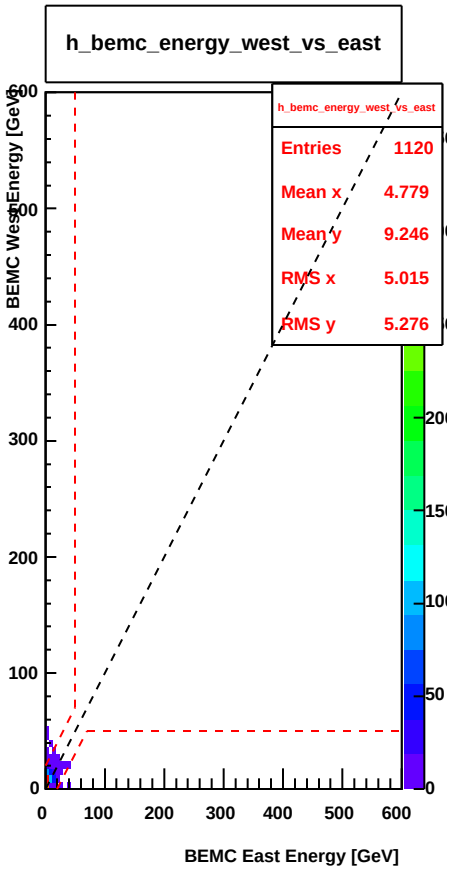
Ssd#Pedestal#pedestal#ssd

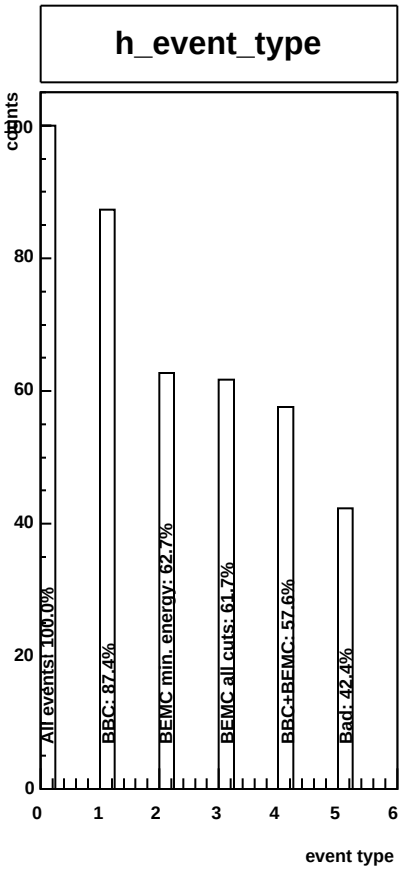

h_bbc_adc_east
h_bbc_adc_east
Entries 1140
Mean 2298
RMS 2304
Trigger#BES#any#trg
counts
BBC East Adc

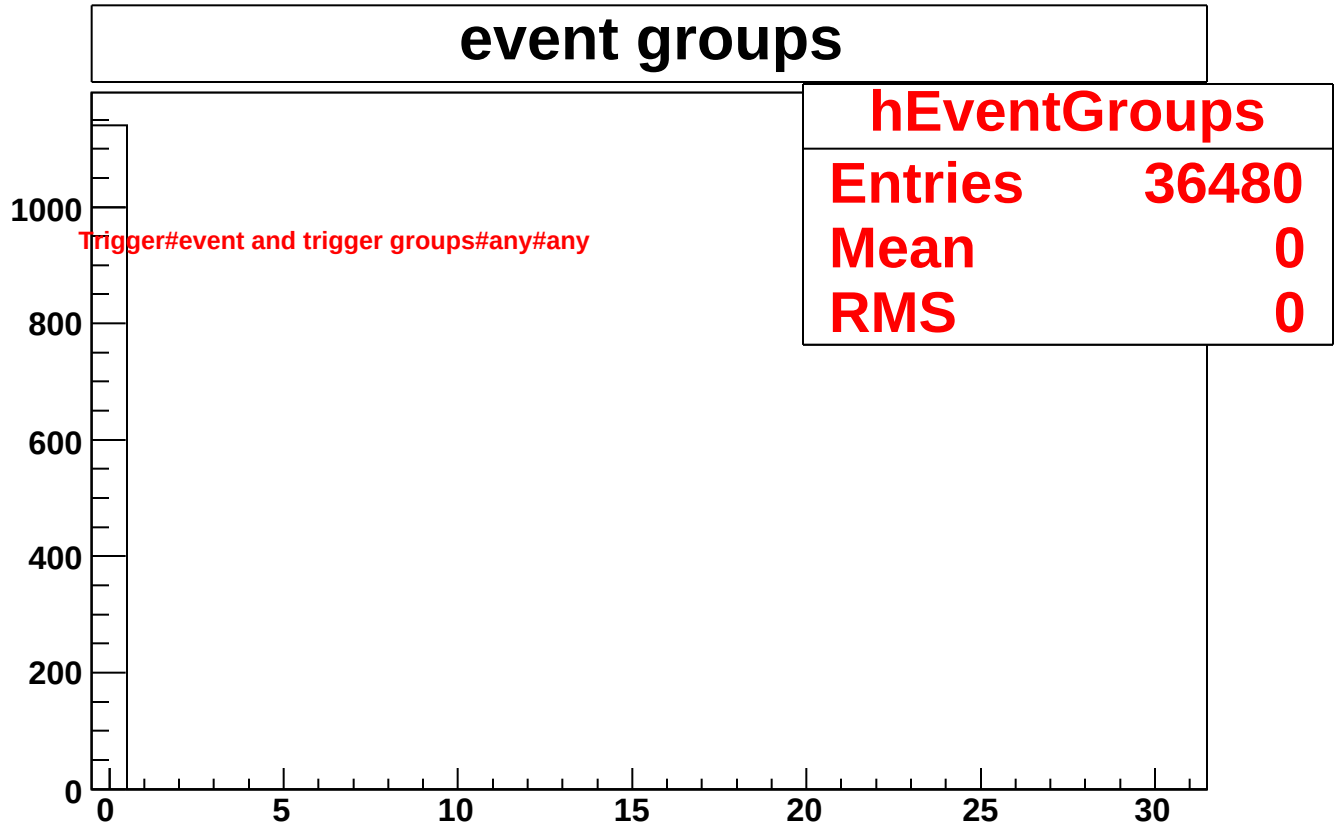

h_bemc_adc_east
h_bemc_adc_east
Entries 1120
Mean 277.3
RMS 288
counts
BEMC East Adc

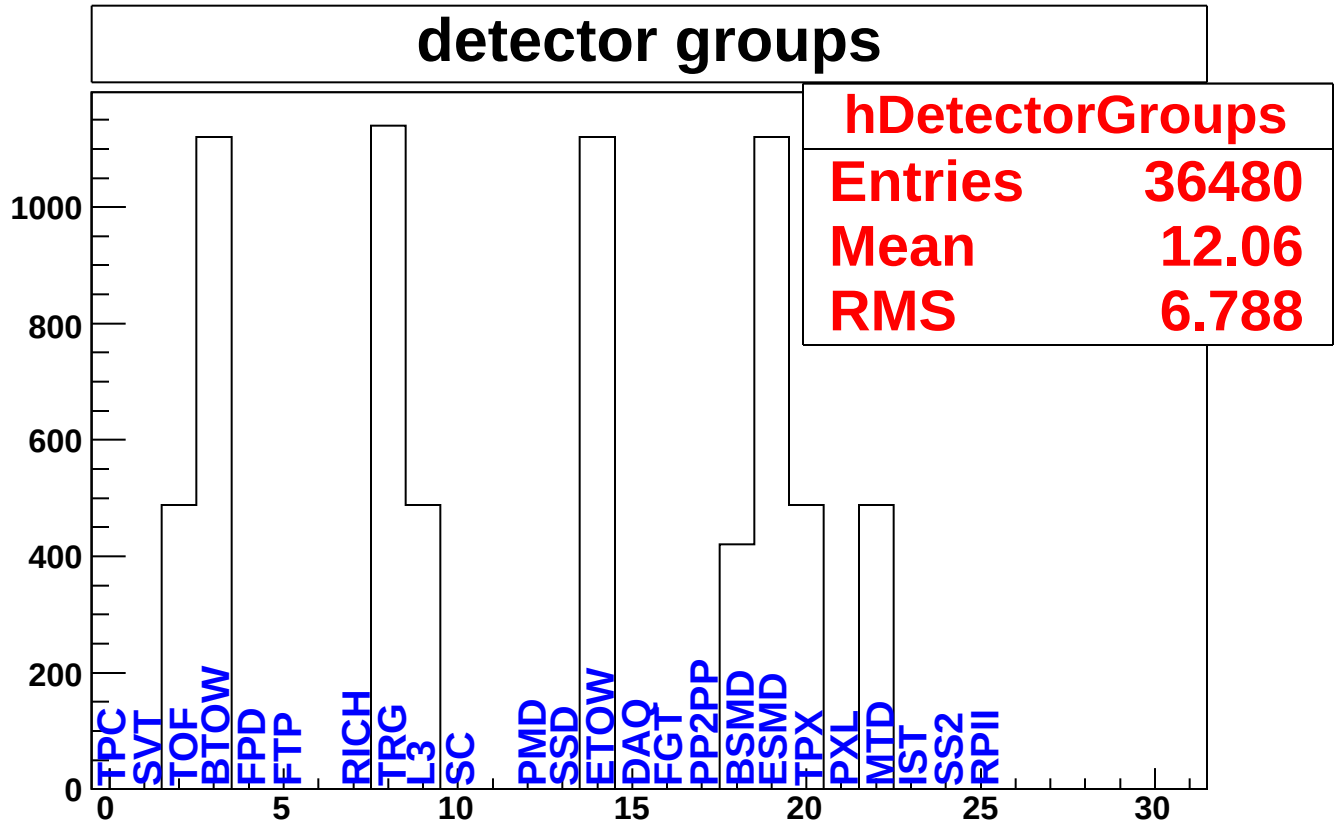

h_bemc_adc_all
h_bemc_adc_all
Entries 5376000
Mean 0.09229
RMS 4.604
counts
BEMC Adc sum

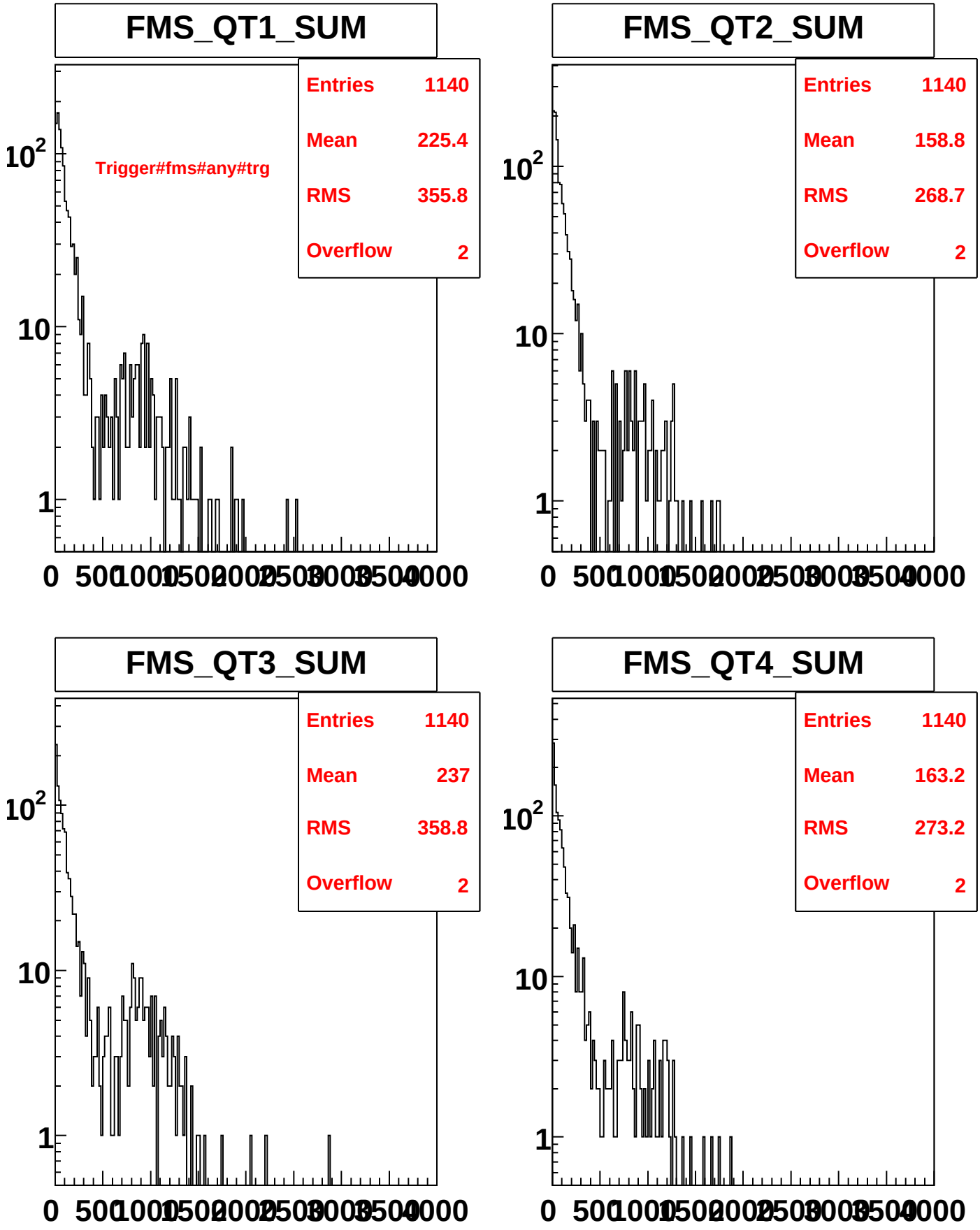

h_bbc_adc_west_vs_east
h_bbc_adc_west_vs_east
Entries 1140
Mean x 2298
Mean y 2348
RMS x 2304
RMS y 2310
BBC West Adc
BBC East Adc

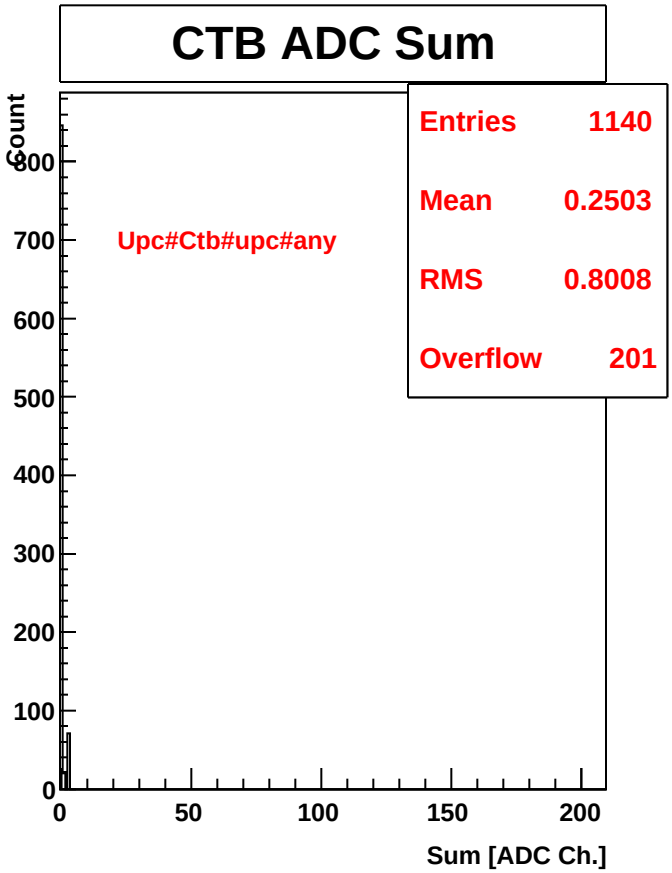

h_bemc_energy_west_vs_east
h_bemc_energy_west_vs_east
Entries 1120
Mean x 4.779
Mean y 9.246
RMS x 5.015
RMS y 5.276
BEMC West Energy [GeV]
BEMC East Energy [GeV]

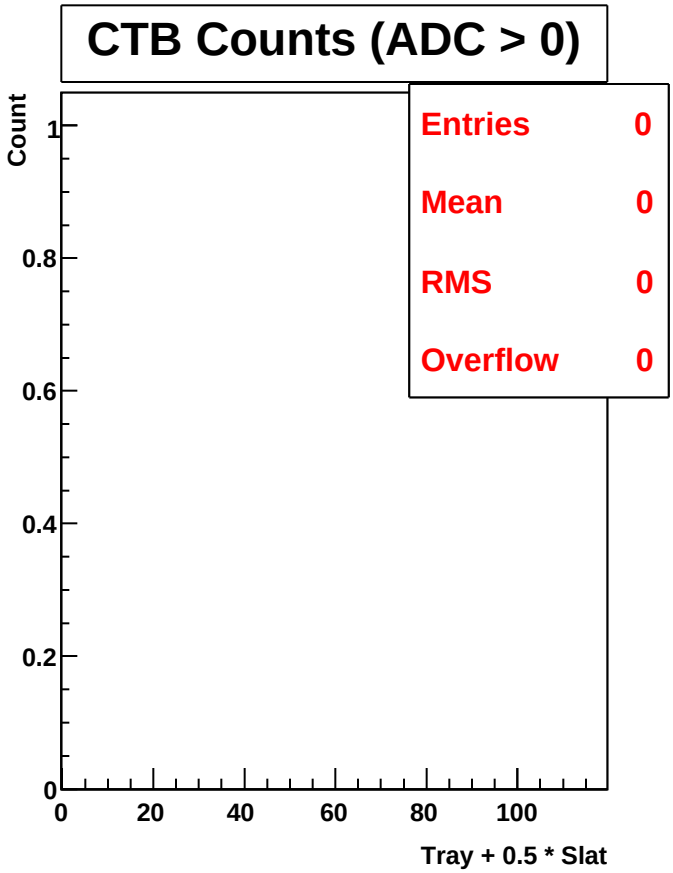

h_event_type
counts
All events: 100.0%
BBC: 87.4%
BEMC min. energy: 62.7%
BEMC all cuts: 61.7%
BBC+BEMC: 57.6%
Bad: 42.4%
event type

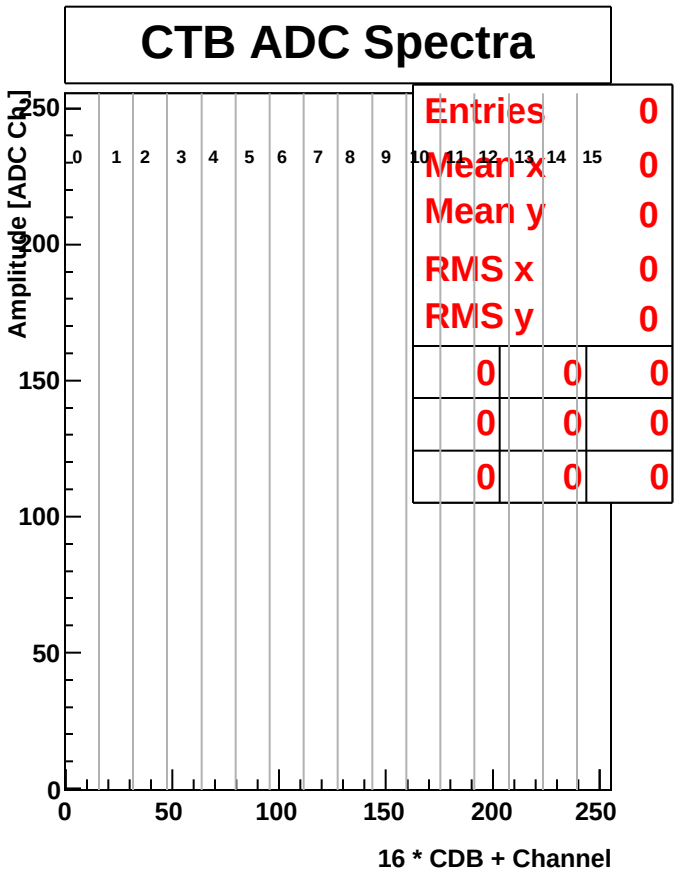

event groups
hEventGroups
Entries 36480
Mean 0
RMS 0
Trigger#event and trigger groups#any#any
0
200
400
600
800
1000
0
5
10
15
20
25
30

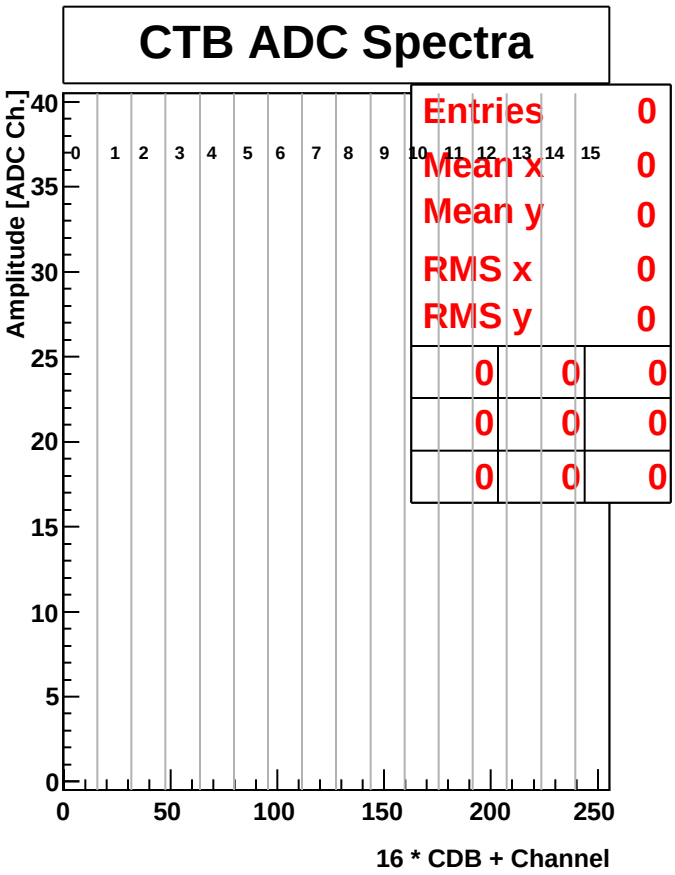

detector groups
hDetectorGroups
Entries 36480
Mean 12.06
RMS 6.788
0
200
400
600
800
1000
0
5
10
15
20
25
30
TPC
SVT
TOF
BTOW
FPD
FTP
RICH
TRG
L3
SC
PMD
SSD
ETOW
DAQ
FGT
PP2PP
BSMD
ESMD
TPX
PXL
MTD
IST
SS2
RPII

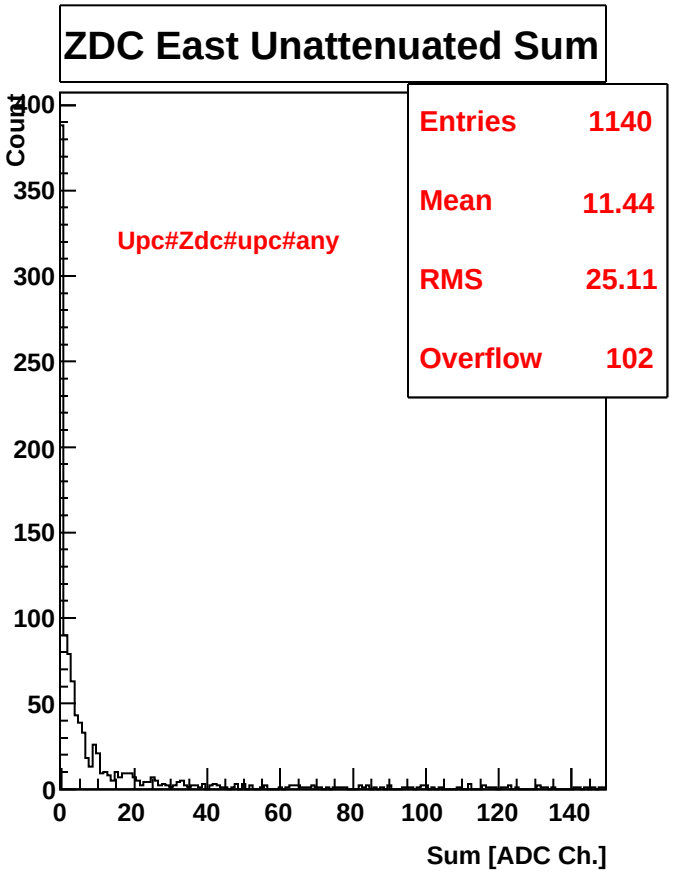

FMS_QT1_SUM
Entries 1140
Mean 225.4
RMS 355.8
Overflow 2
Trigger#fms#any#trg
FMS_QT2_SUM
Entries 1140
Mean 158.8
RMS 268.7
Overflow 2
FMS_QT3_SUM
Entries 1140
Mean 237
RMS 358.8
Overflow 2
FMS_QT4_SUM
Entries 1140
Mean 163.2
RMS 273.2
Overflow 2

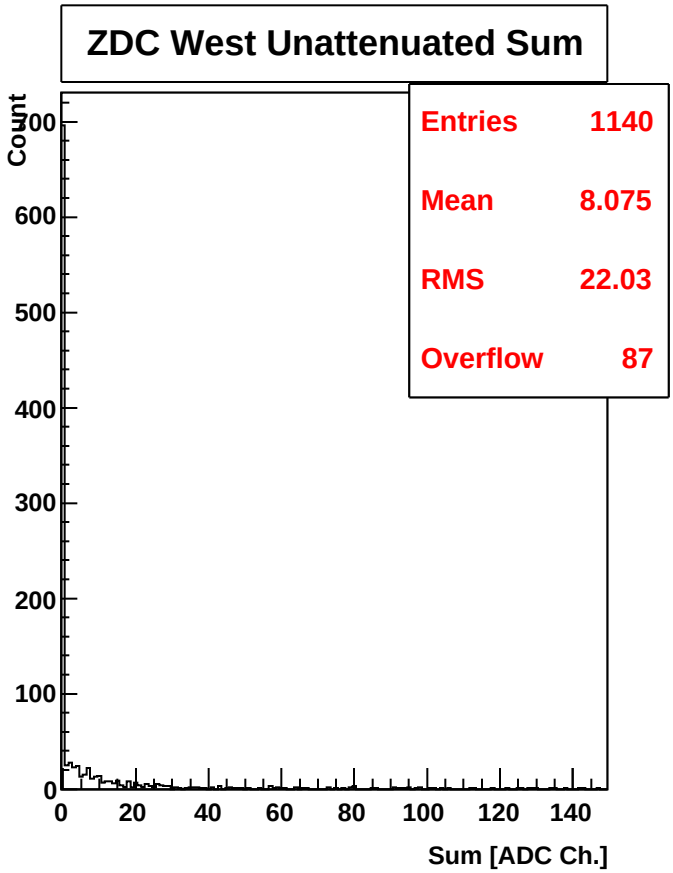

CTB ADC Sum
Entries 1140
Mean 0.2503
RMS 0.8008
Overflow 201
Upc#Ctb#upc#any
Count
Sum [ADC Ch.]

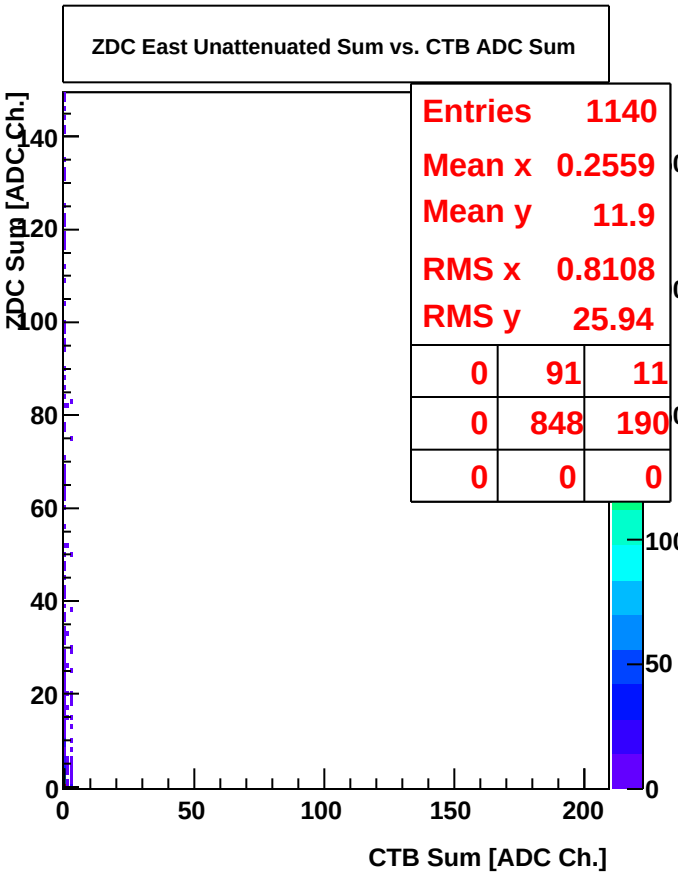

CTB Counts (ADC > 0)
Entries 0
Mean 0
RMS 0
Overflow 0
Count
Tray + 0.5 * Slat

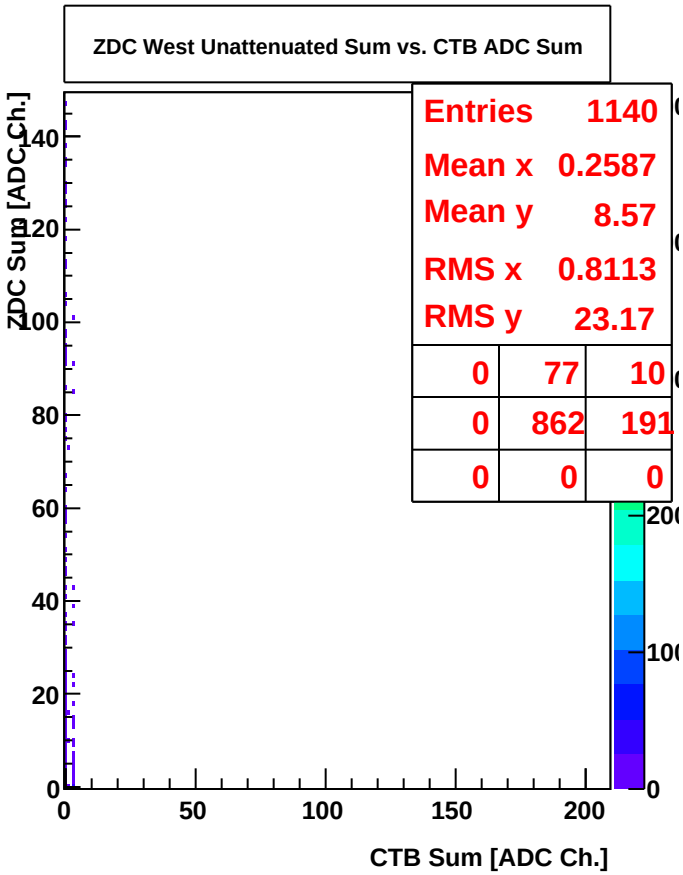

CTB ADC Spectra
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Amplitude [ADC Ch.]
16 * CDB + Channel


CTB ADC Spectra
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Amplitude [ADC Ch.]
16 * CDB + Channel


ZDC East Unattenuated Sum
Entries 1140
Mean 11.44
RMS 25.11
Overflow 102
Upc#Zdc#upc#any
Count
Sum [ADC Ch.]


ZDC West Unattenuated Sum
Entries 1140
Mean 8.075
RMS 22.03
Overflow 87
Count
Sum [ADC Ch.]


ZDC East Unattenuated Sum vs. CTB ADC Sum
Entries 1140
Mean x 0.2559
Mean y 11.9
RMS x 0.8108
RMS y 25.94
0 91 11
0 848 190
0 0 0
ZDC Sum [ADC Ch.]
CTB Sum [ADC Ch.]


ZDC West Unattenuated Sum vs. CTB ADC Sum
Entries 1140
Mean x 0.2587
Mean y 8.57
RMS x 0.8113
RMS y 23.17
0 77 10
0 862 191
0 0 0
ZDC Sum [ADC Ch.]
CTB Sum [ADC Ch.]