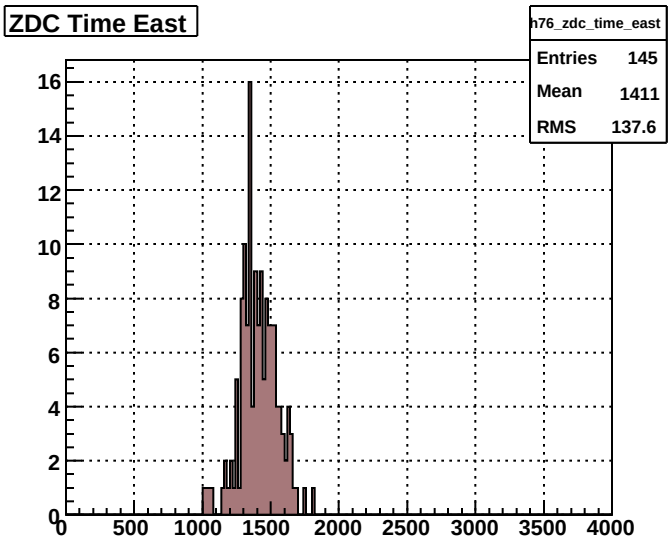
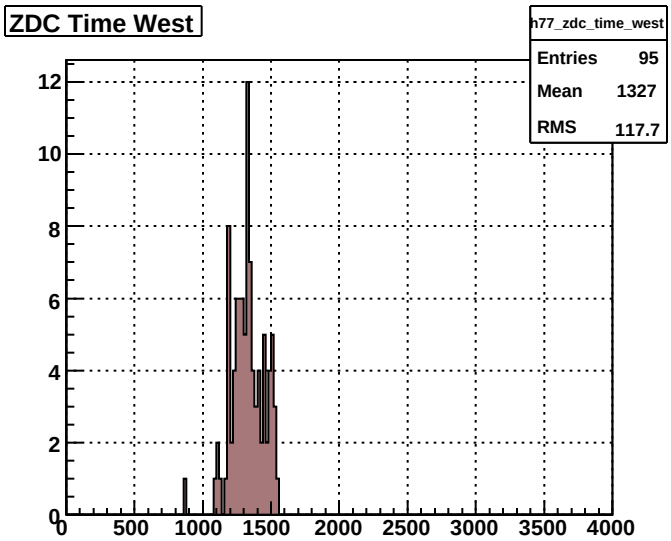
Run: #12058062

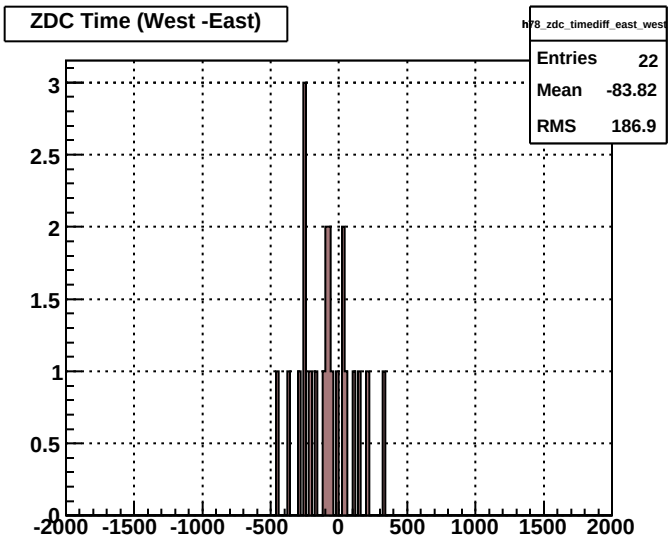
TriggerBits: 11111111 11111111 11111111 11111111

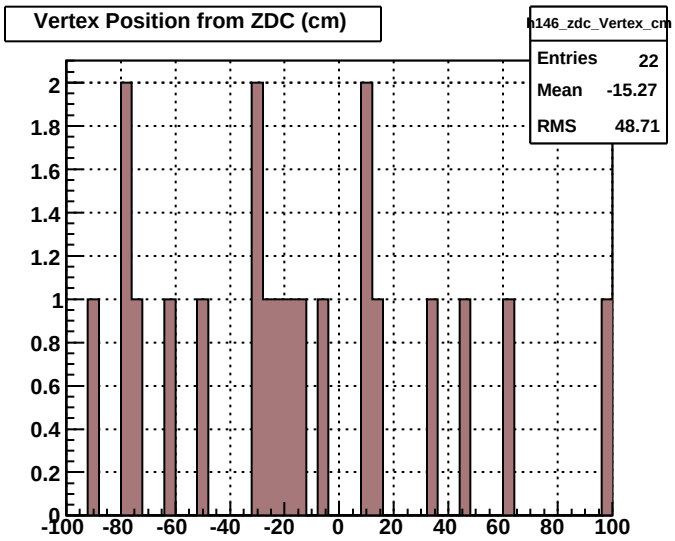
DetectorBits: 00000000 00001000 01000001 00001000

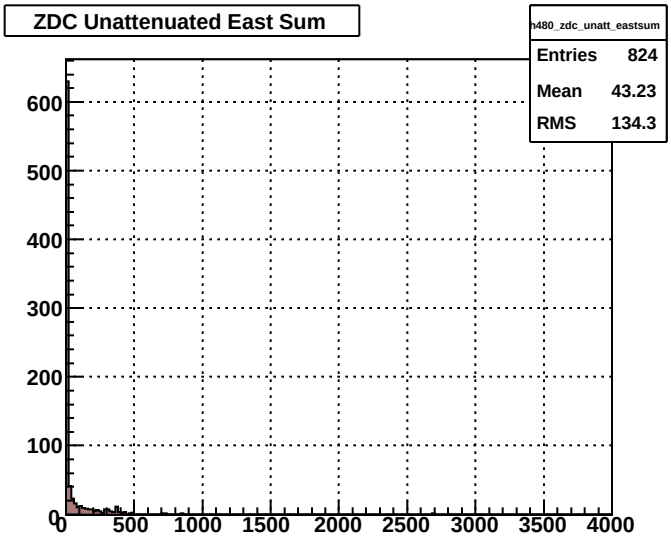
Sun Feb 27 22:48:35 2011

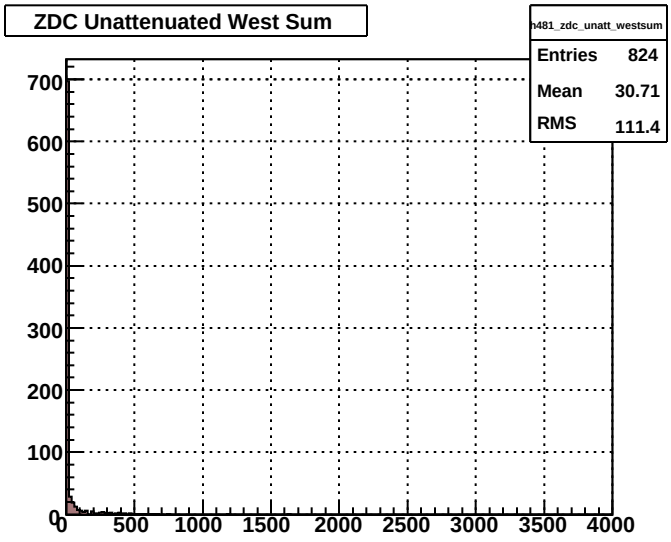

ZDC Time East
h76_zdc_time_east
Entries 145
Mean 1411
RMS 137.6

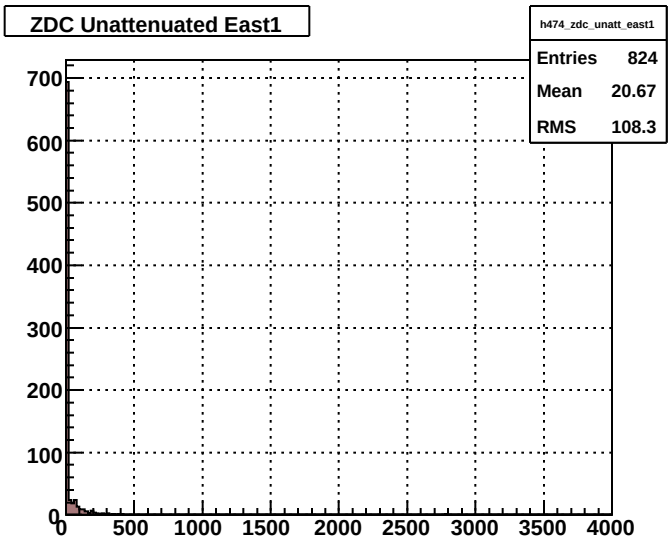

ZDC Time West
h77_zdc_time_west
Entries 95
Mean 1327
RMS 117.7

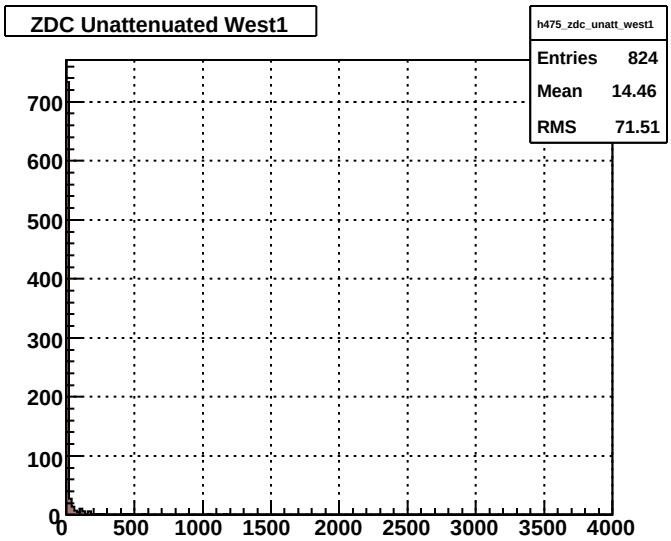

ZDC Time (West -East)
h78_zdc_timediff_east_west
Entries 22
Mean -83.82
RMS 186.9

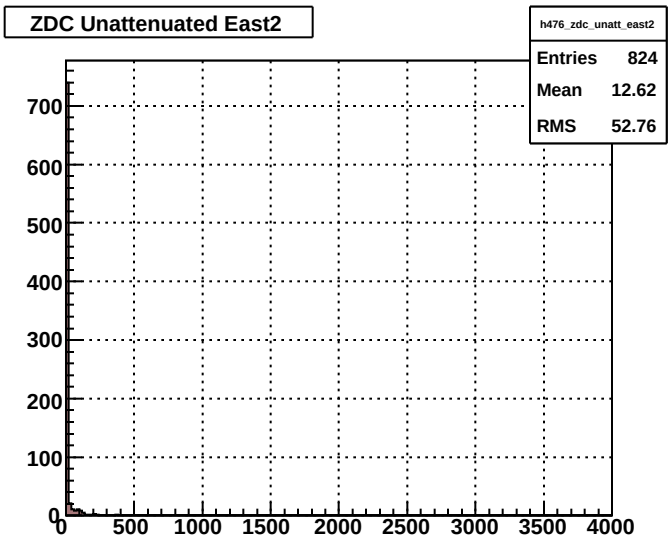

Vertex Position from ZDC (cm)
h146_zdc_Vertex_cm
Entries 22
Mean -15.27
RMS 48.71

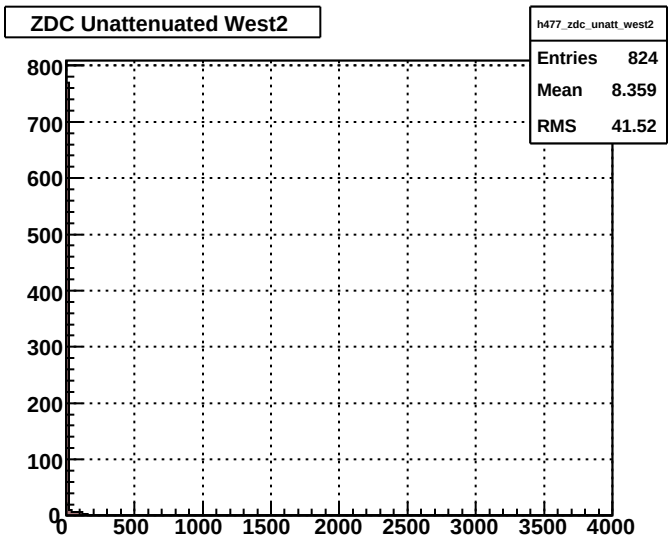

ZDC Unattenuated East Sum
h480_zdc_unatt_eastsum
Entries 824
Mean 43.23
RMS 134.3

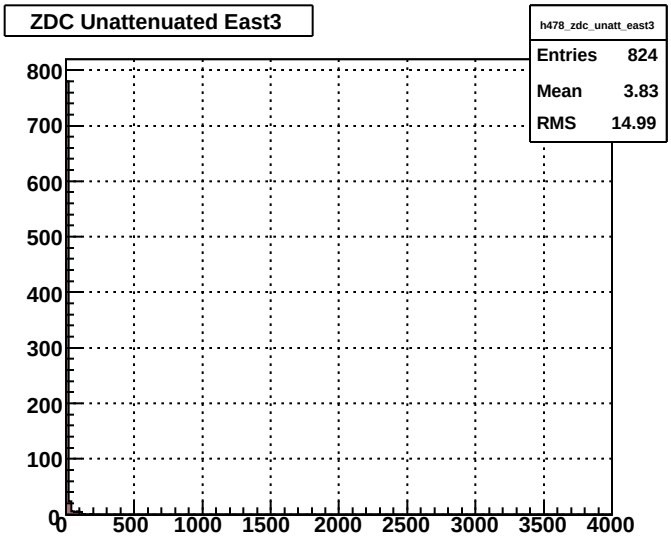

ZDC Unattenuated West Sum
h481_zdc_unatt_westsum
Entries 824
Mean 30.71
RMS 111.4

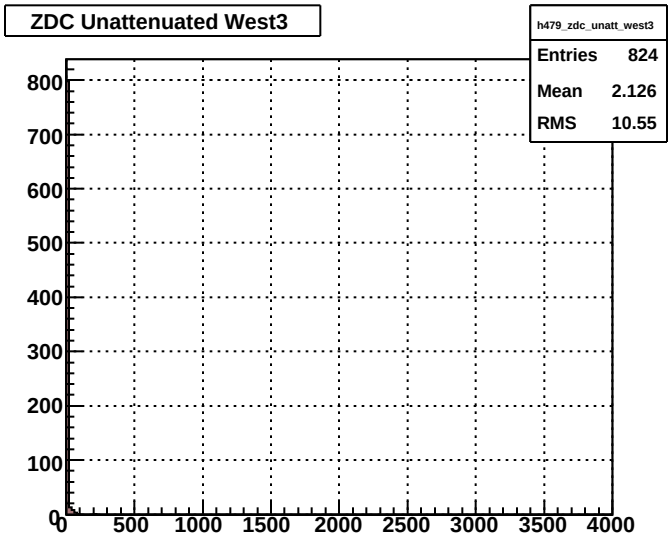

ZDC Unattenuated East1
h474_zdc_unatt_east1
Entries 824
Mean 20.67
RMS 108.3

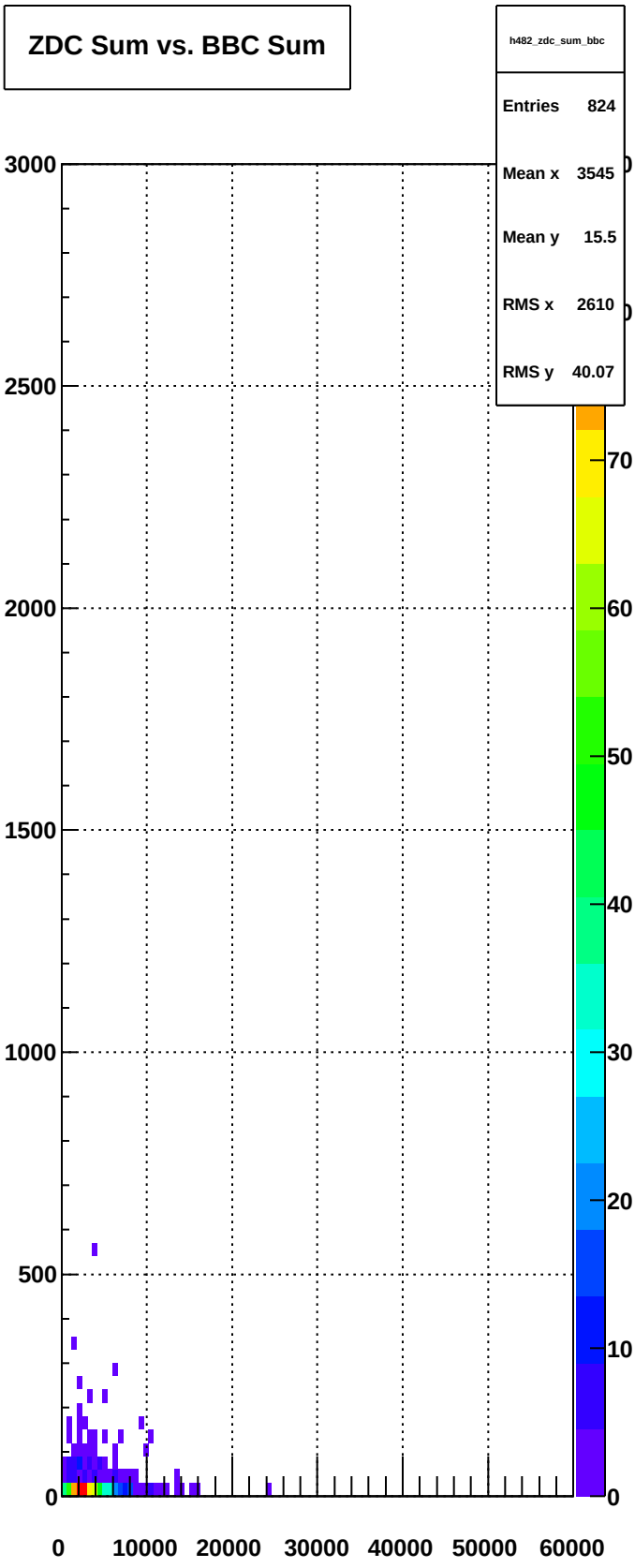

ZDC Unattenuated West1
h475_zdc_unatt_west1
Entries 824
Mean 14.46
RMS 71.51

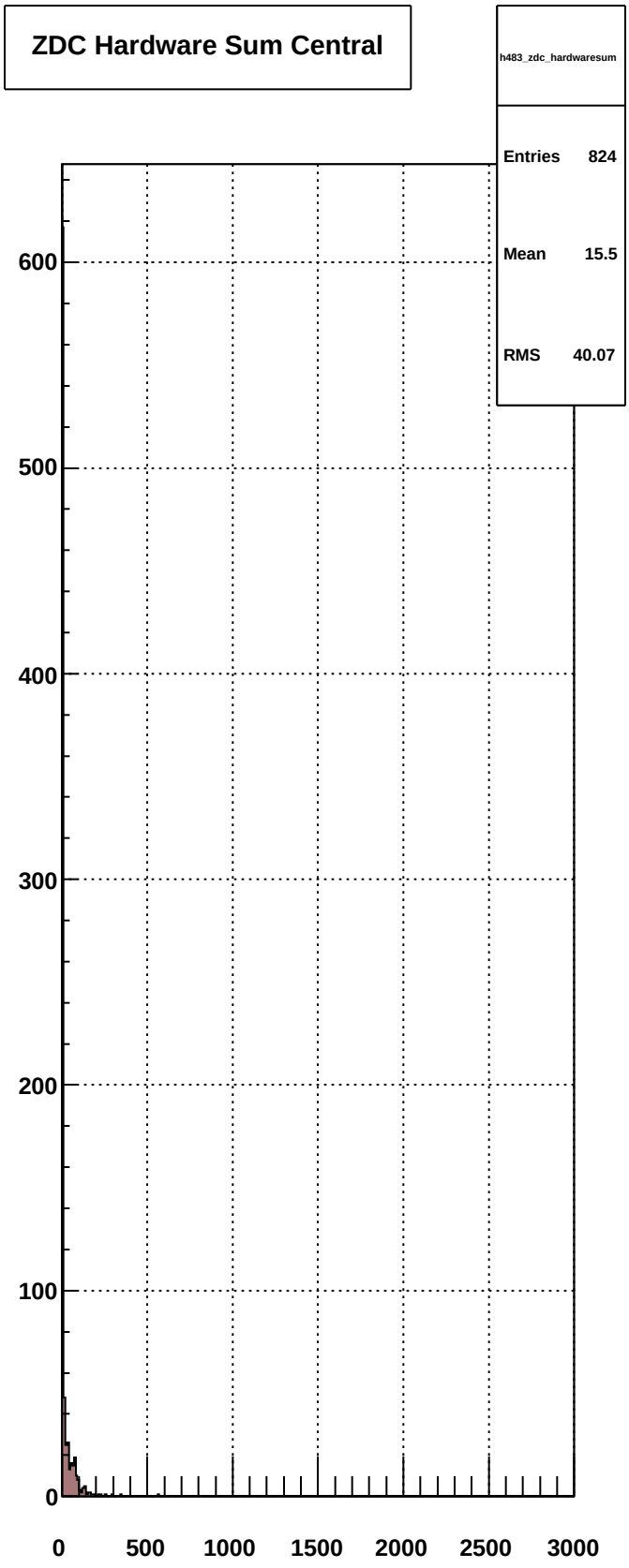

ZDC Unattenuated East2
h476_zdc_unatt_east2
Entries 824
Mean 12.62
RMS 52.76

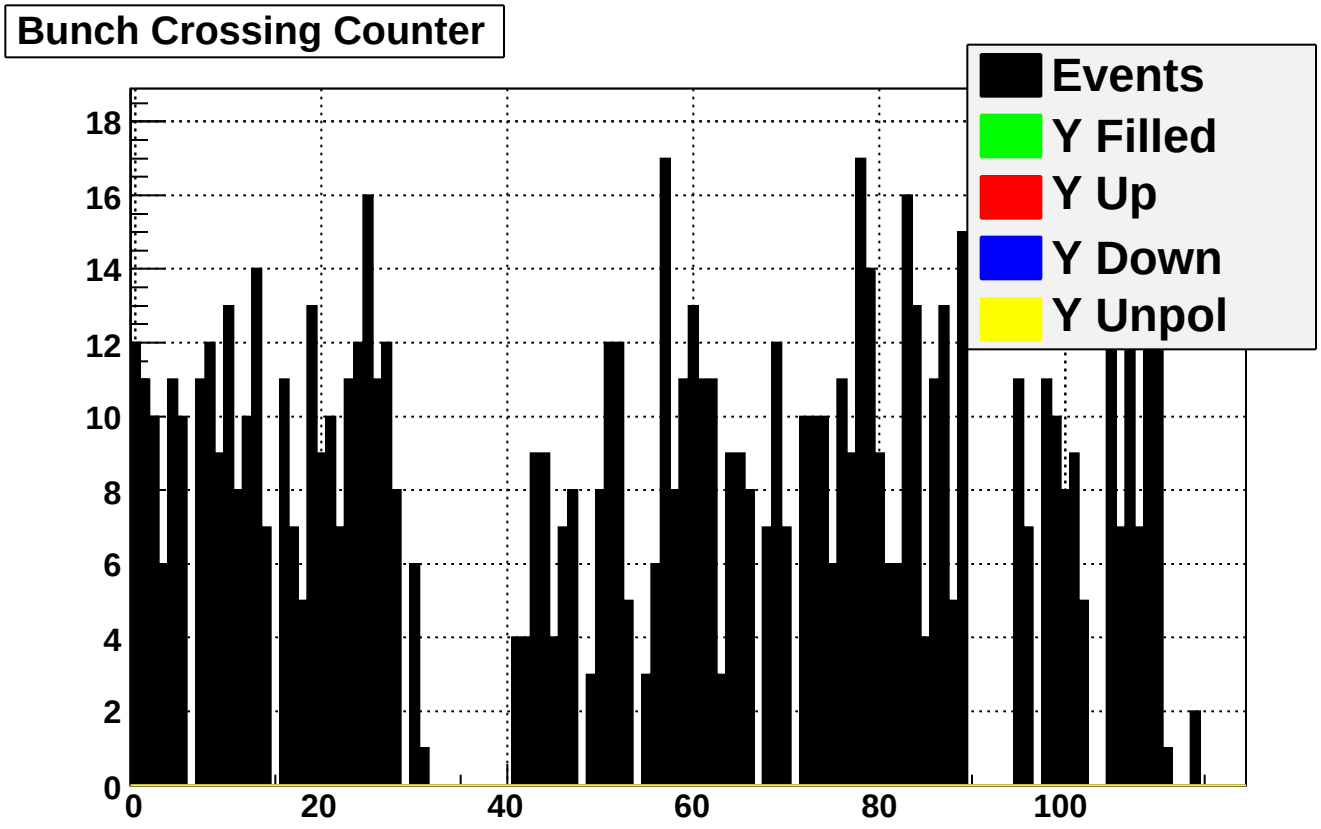

ZDC Unattenuated West2
h477_zdc_unatt_west2
Entries 824
Mean 8.359
RMS 41.52

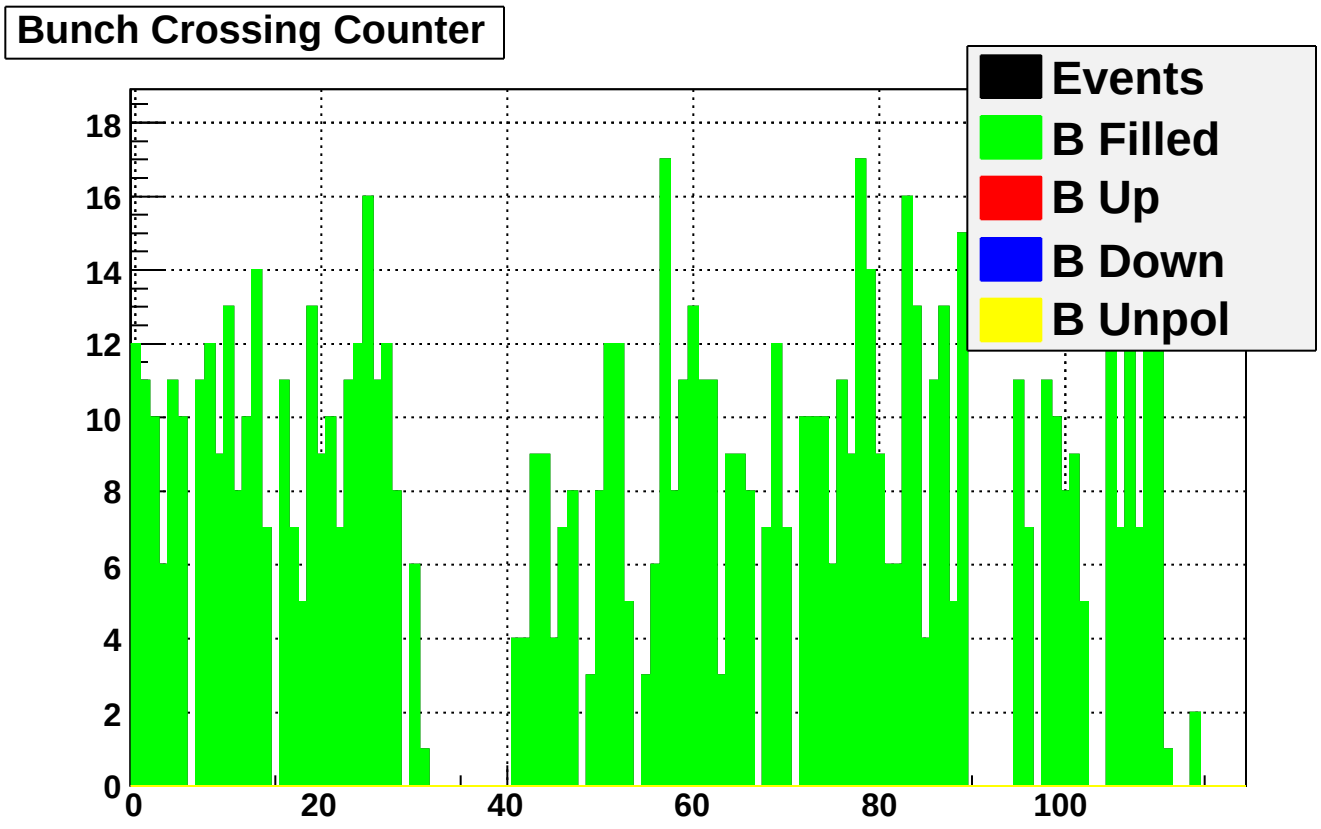

ZDC Unattenuated East3
h478_zdc_unatt_east3
Entries 824
Mean 3.83
RMS 14.99

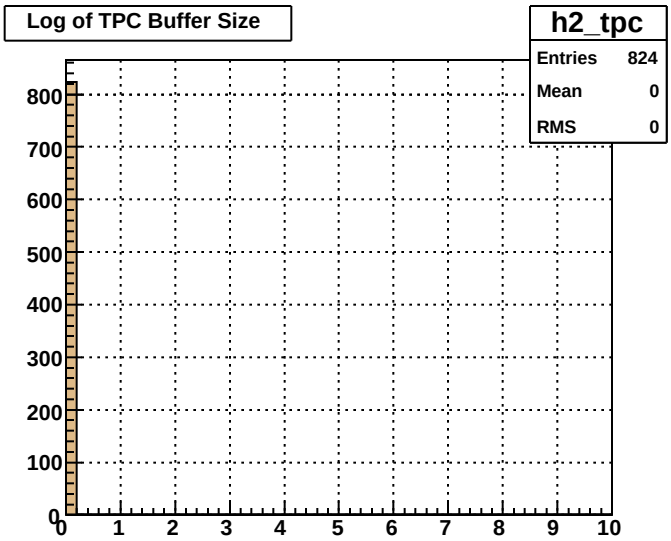

ZDC Unattenuated West3
h479_zdc_unatt_west3
Entries 824
Mean 2.126
RMS 10.55

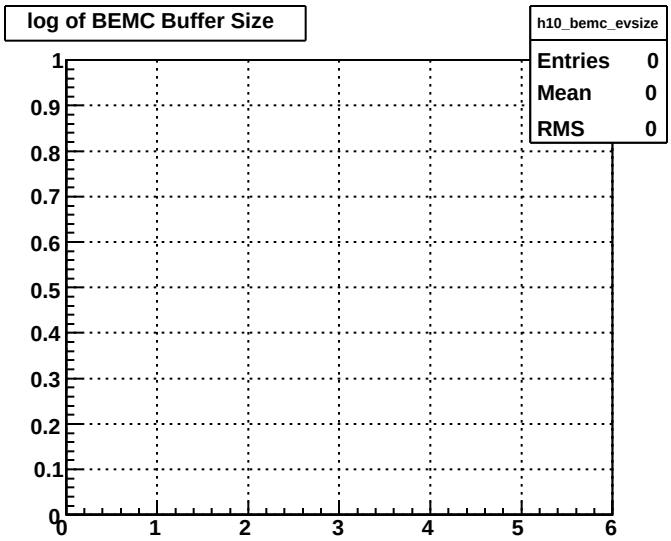

ZDC Sum vs. BBC Sum
h482_zdc_sum_bbc
Entries 824
Mean x 3545
Mean y 15.5
RMS x 2610
RMS y 40.07
3000
2500
2000
1500
1000
500
0
0
10000
20000
30000
40000
50000
60000
70
60
50
40
30
20
10
0

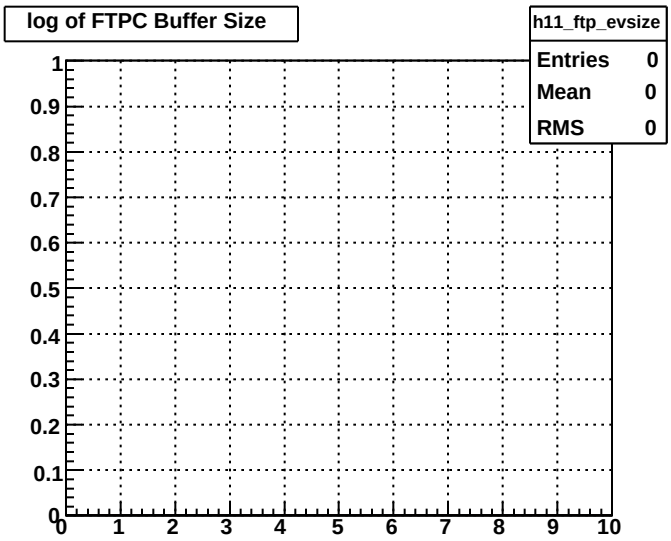

ZDC Hardware Sum Central
h483_zdc_hardwaresum
Entries 824
Mean 15.5
RMS 40.07
600
500
400
300
200
100
0
0
500
1000
1500
2000
2500
3000

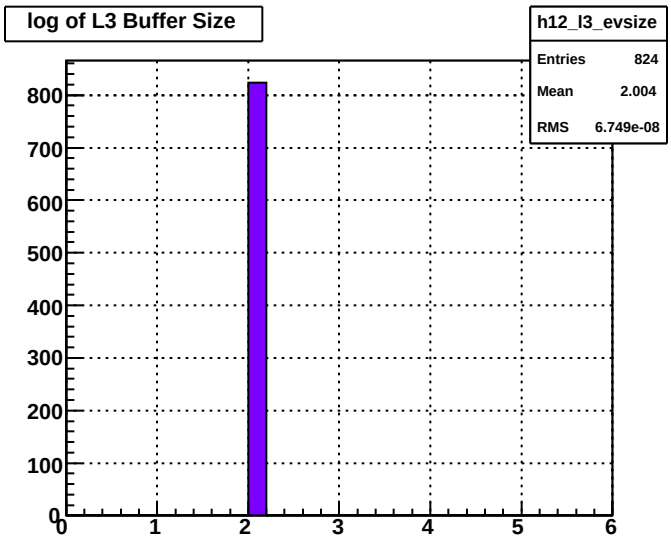

Bunch Crossing Counter
Events
Y Filled
Y Up
Y Down
Y Unpol
0
2
4
6
8
10
12
14
16
18
0
20
40
60
80
100

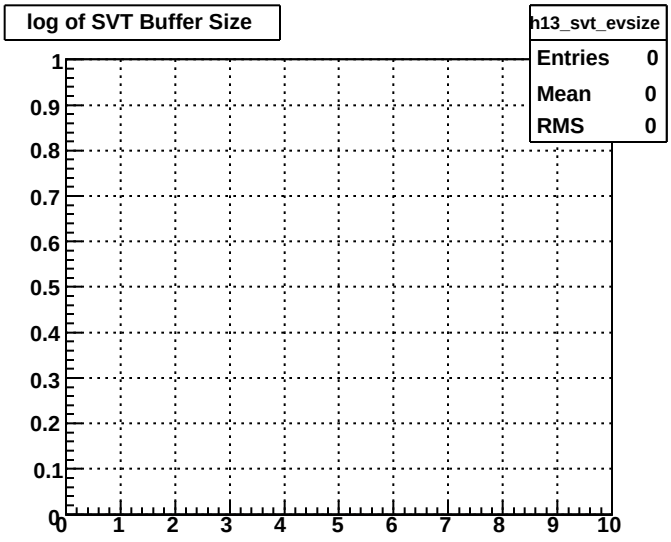

Bunch Crossing Counter
Events
B Filled
B Up
B Down
B Unpol
0
2
4
6
8
10
12
14
16
18
0
20
40
60
80
100

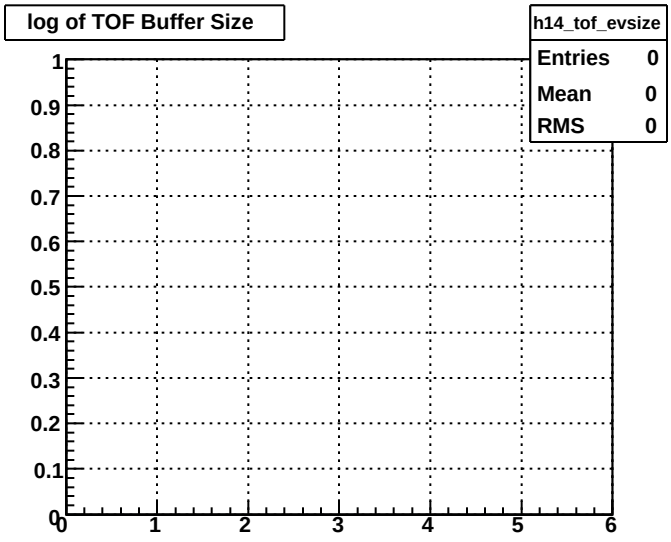

Log of TPC Buffer Size
h2_tpc
Entries 824
Mean 0
RMS 0

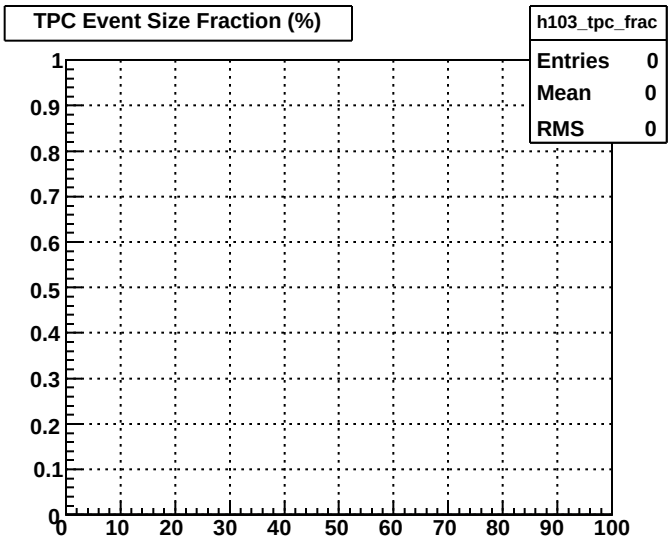

log of BEMC Buffer Size
h10_bemc_evsize
Entries 0
Mean 0
RMS 0

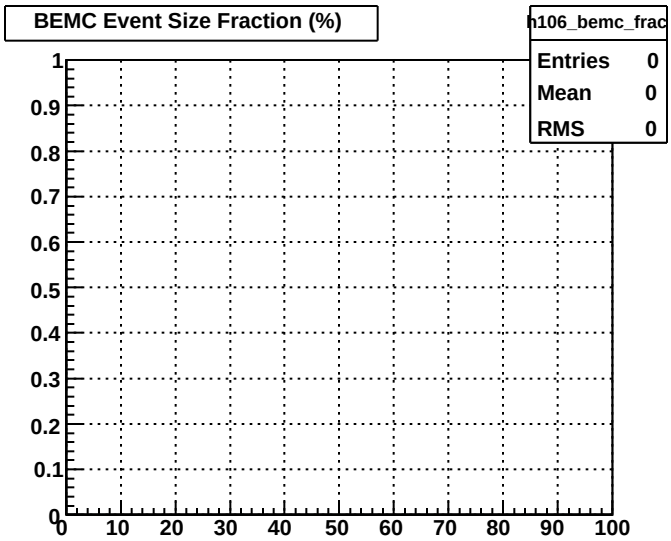

log of FTPC Buffer Size
h11_ftp_evsize
Entries 0
Mean 0
RMS 0

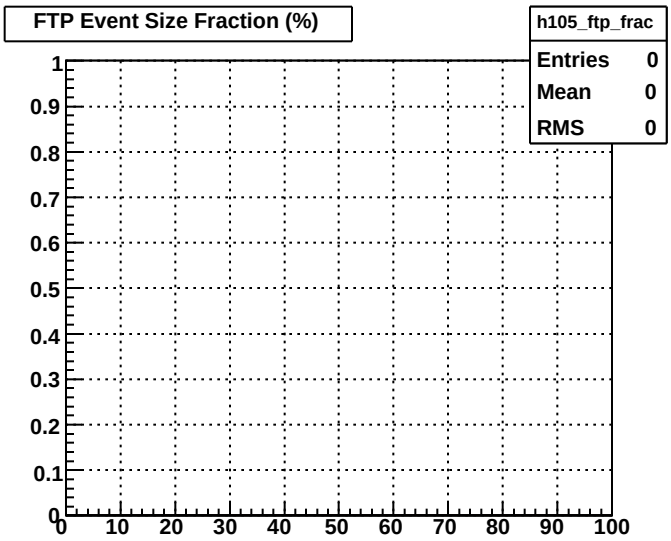

log of L3 Buffer Size
h12_l3_evsize
Entries 824
Mean 2.004
RMS 6.749e-08

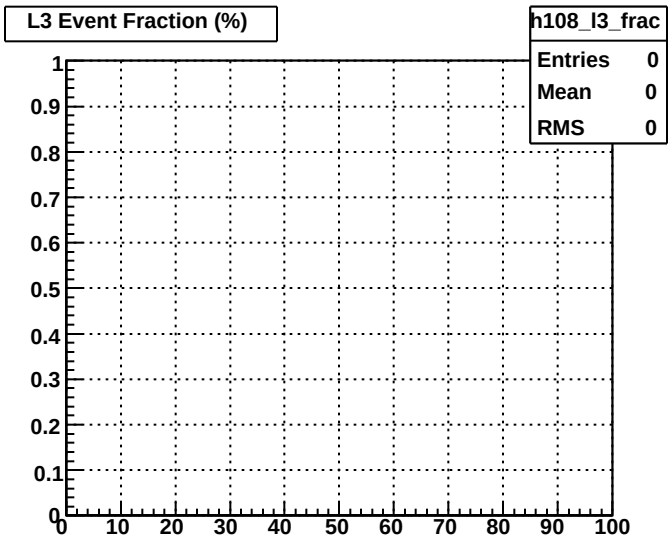

log of SVT Buffer Size
h13_svt_evsize
Entries 0
Mean 0
RMS 0

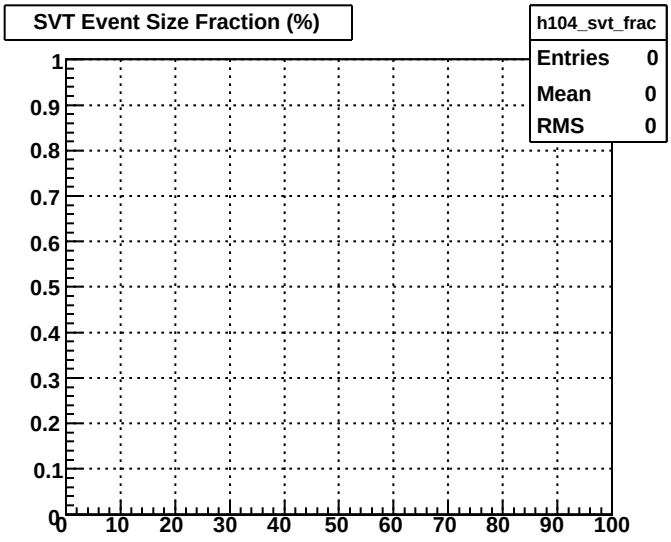

log of TOF Buffer Size
h14_tof_evsize
Entries 0
Mean 0
RMS 0

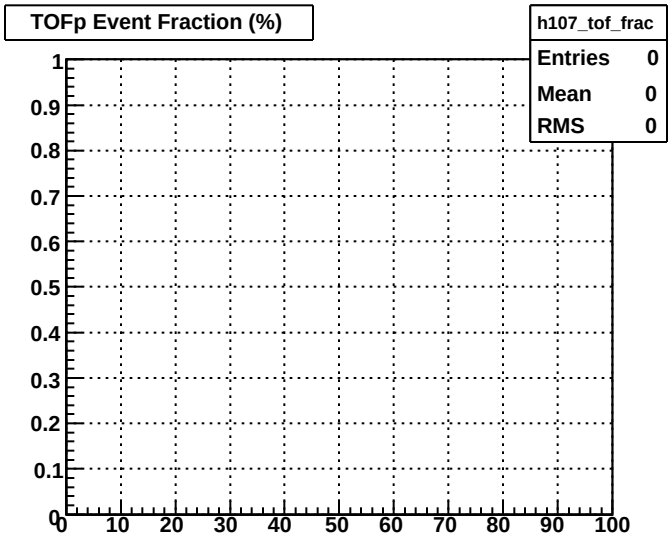

TPC Event Size Fraction (%)
h103_tpc_frac
Entries 0
Mean 0
RMS 0


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

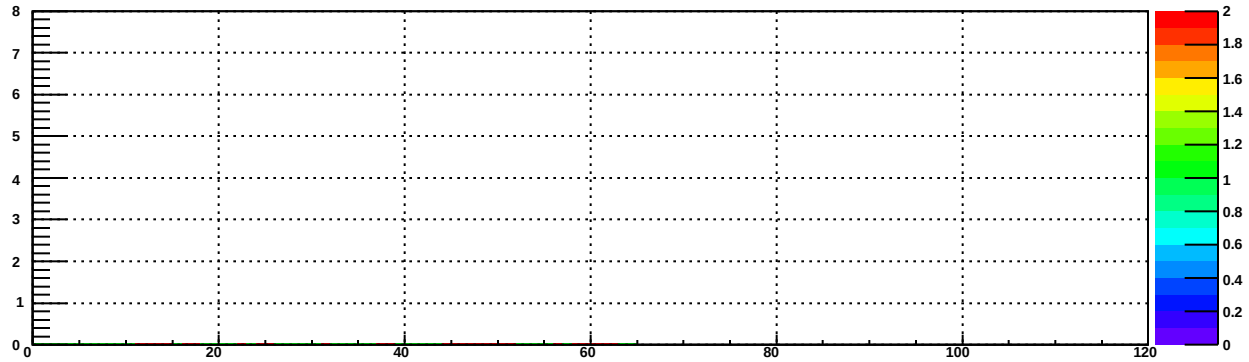

FTP Event Size Fraction (%)
h105_ftp_frac
Entries 0
Mean 0
RMS 0


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

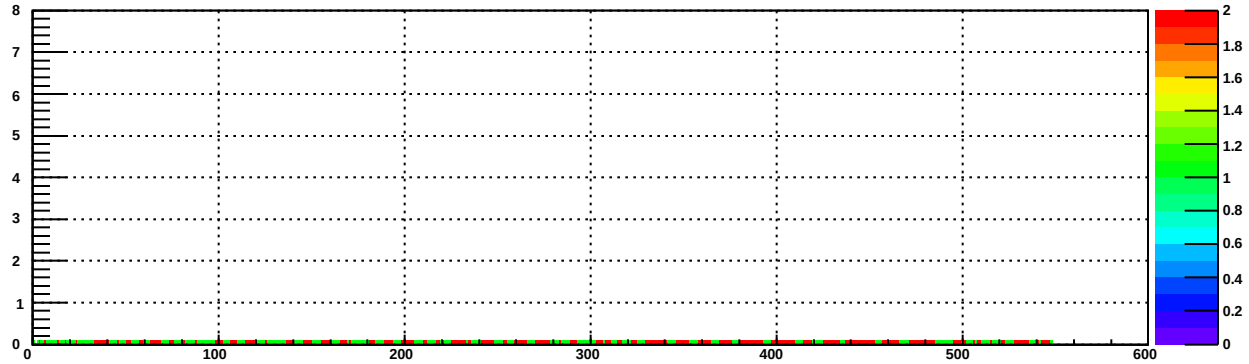

SVT Event Size Fraction (%)
h104_svt_frac
Entries 0
Mean 0
RMS 0


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

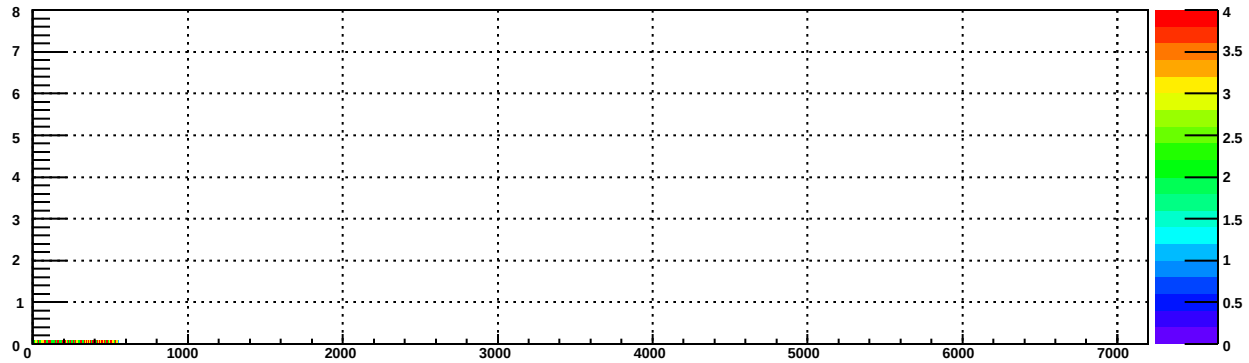
Event Size (Log10) vs time (sec)



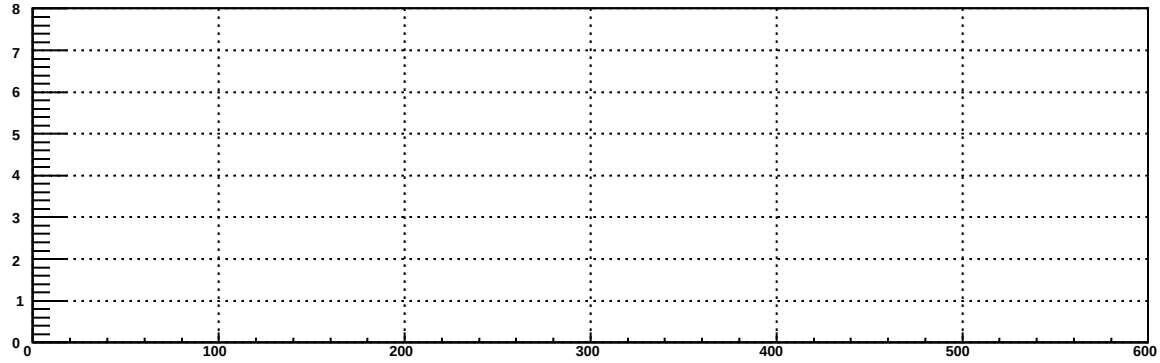
Event Size (Log10) vs time (sec)

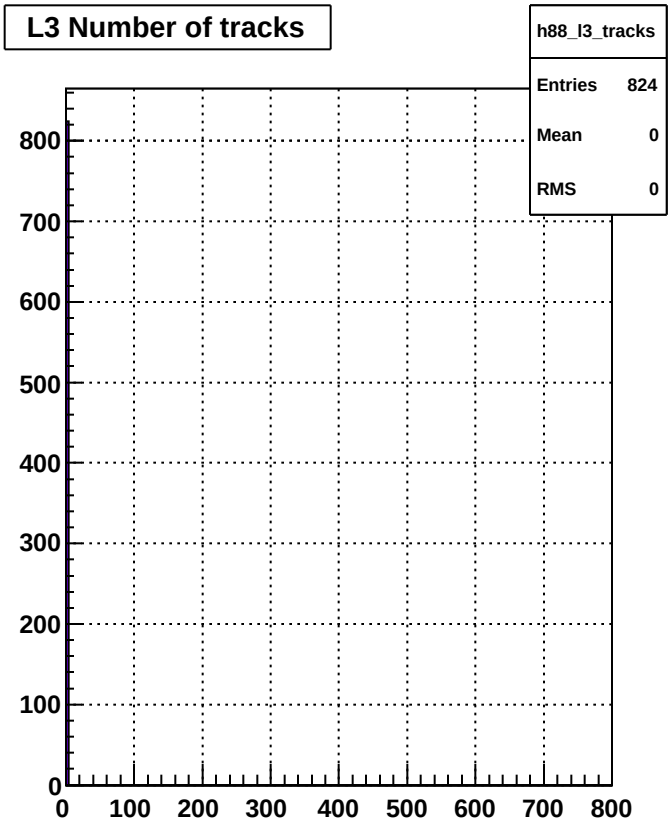


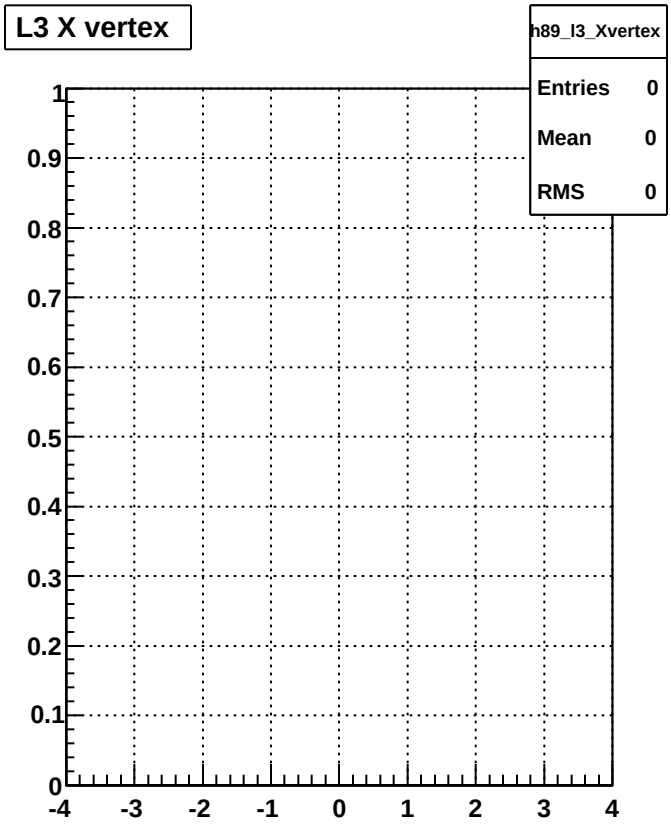
Event Size (Log10) vs time(sec)

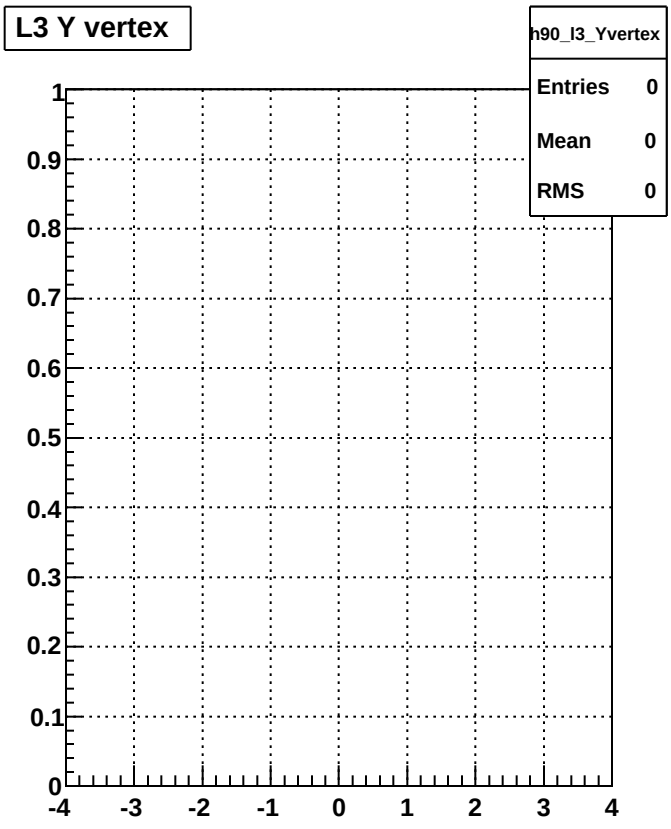


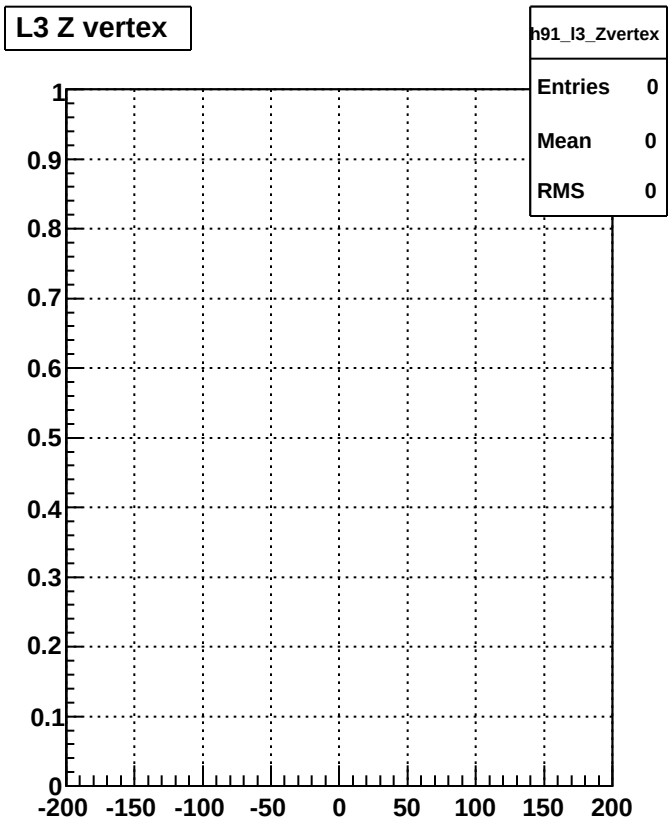
FTPC Event Size vs time(sec)



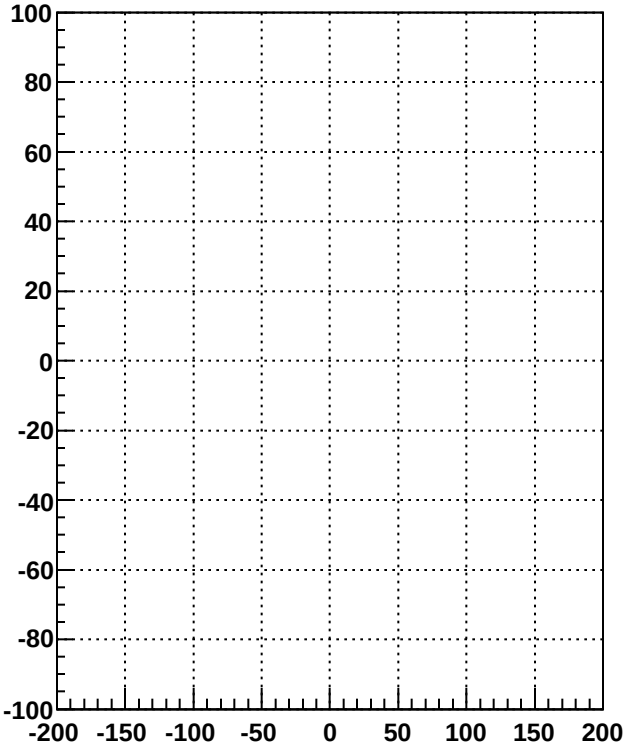

L3 Number of tracks
h88_l3_tracks
Entries 824
Mean 0
RMS 0
0 100 200 300 400 500 600 700 800
0 100 200 300 400 500 600 700 800


L3 X vertex
h89_l3_Xvertex
Entries 0
Mean 0
RMS 0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
-4 -3 -2 -1 0 1 2 3 4

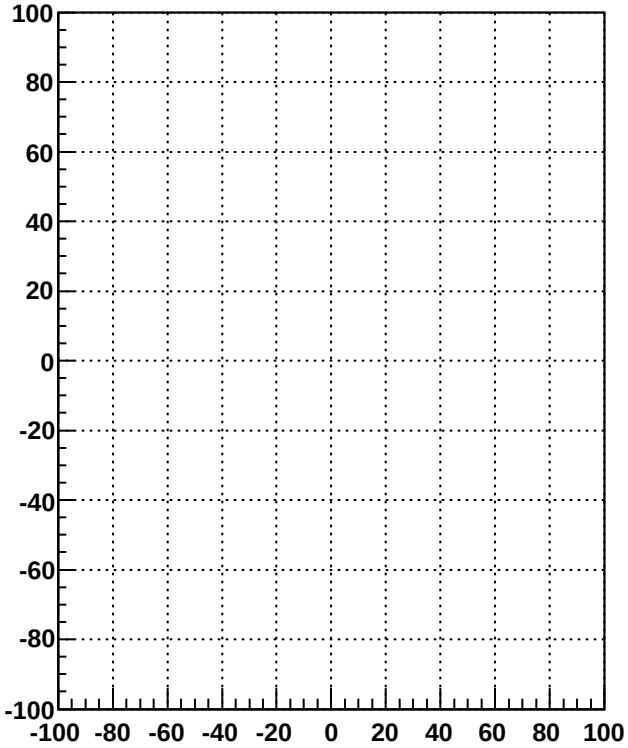

L3 Y vertex
h90_l3_Yvertex
Entries 0
Mean 0
RMS 0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
-4 -3 -2 -1 0 1 2 3 4


L3 Z vertex
h91_l3_Zvertex
Entries 0
Mean 0
RMS 0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
-200 -150 -100 -50 0 50 100 150 200

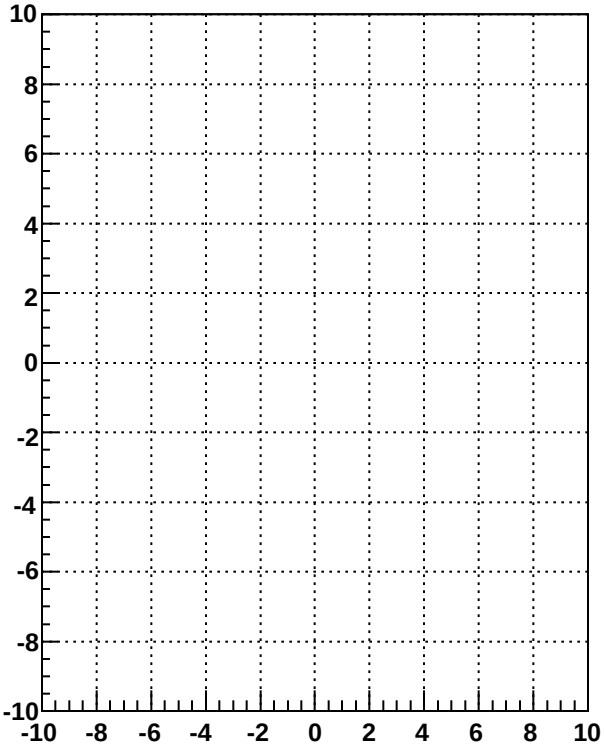
ZDC Vertex vs L3 Vertex



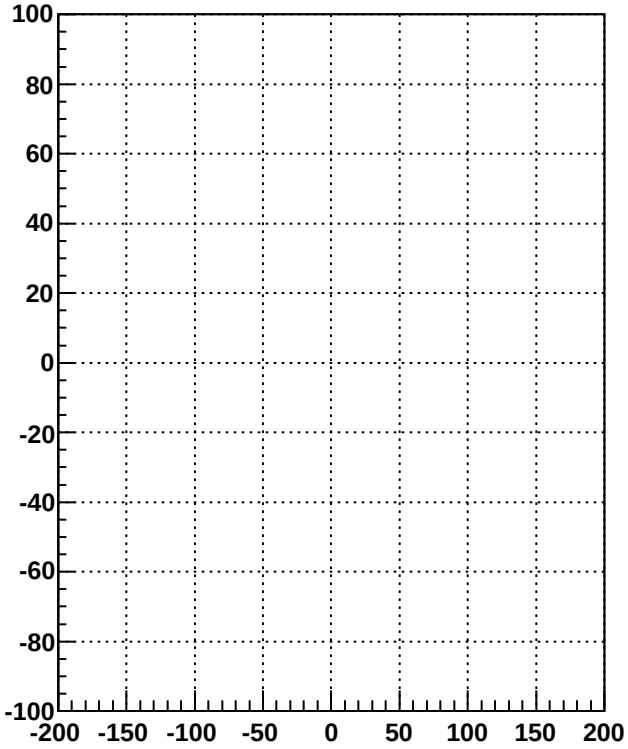
BBC Vertex vs L3 Vertex

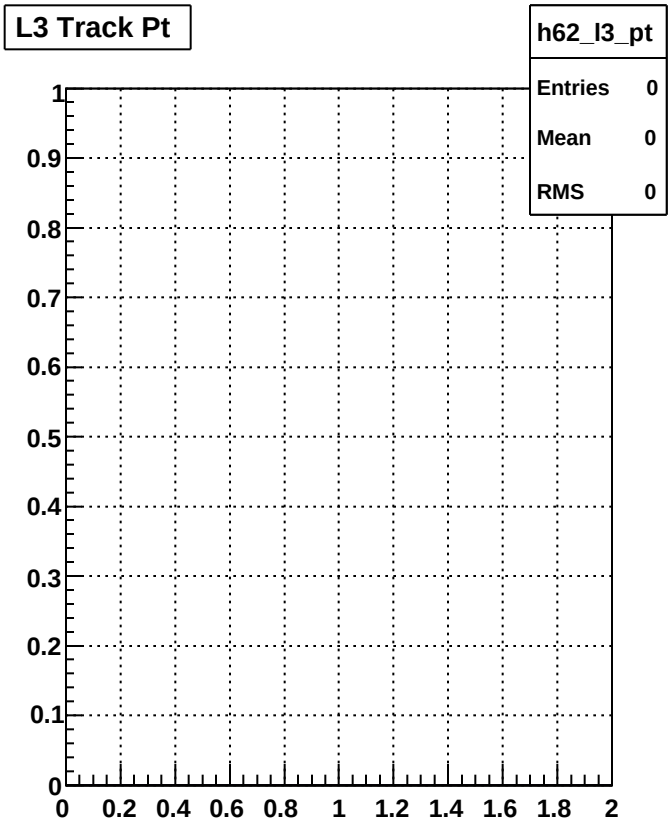


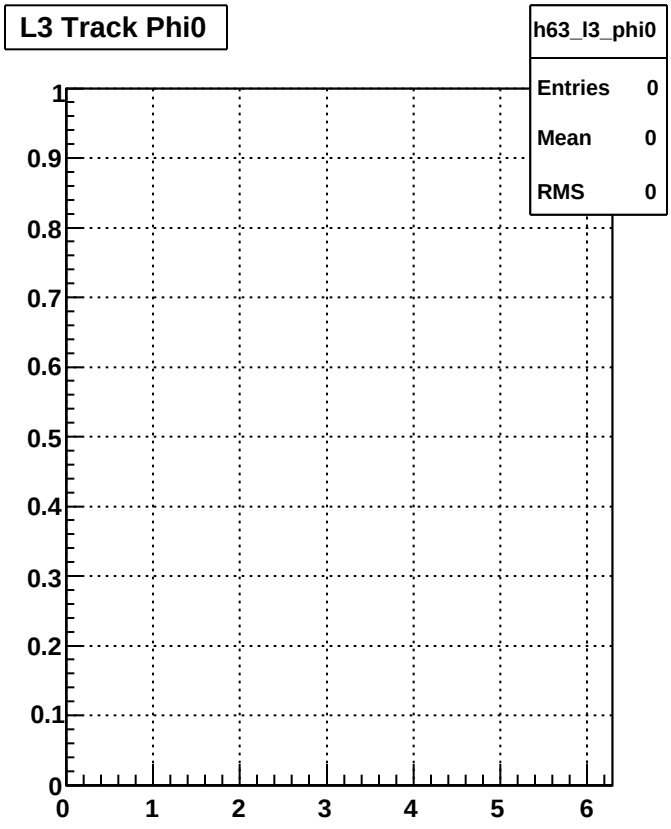
L3 Vertex Y vs X

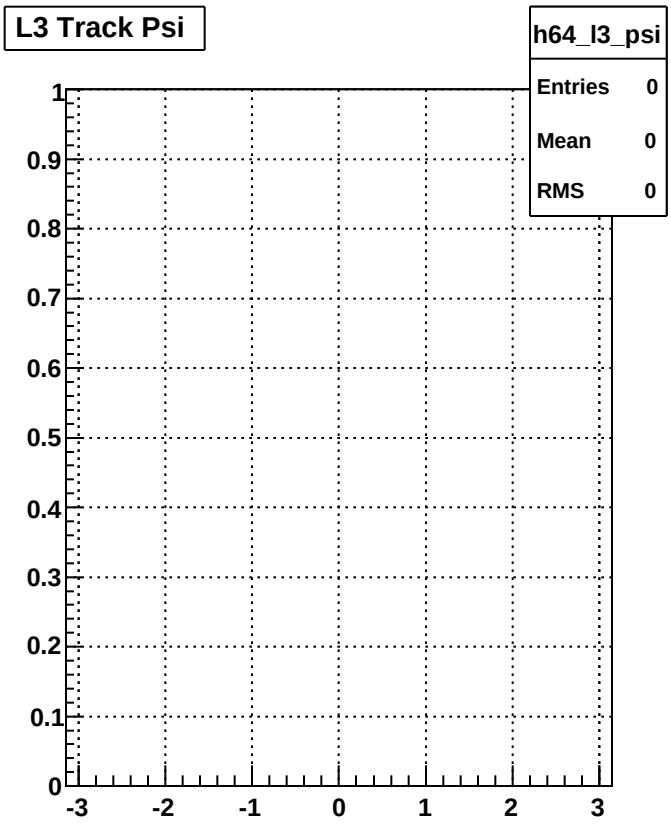


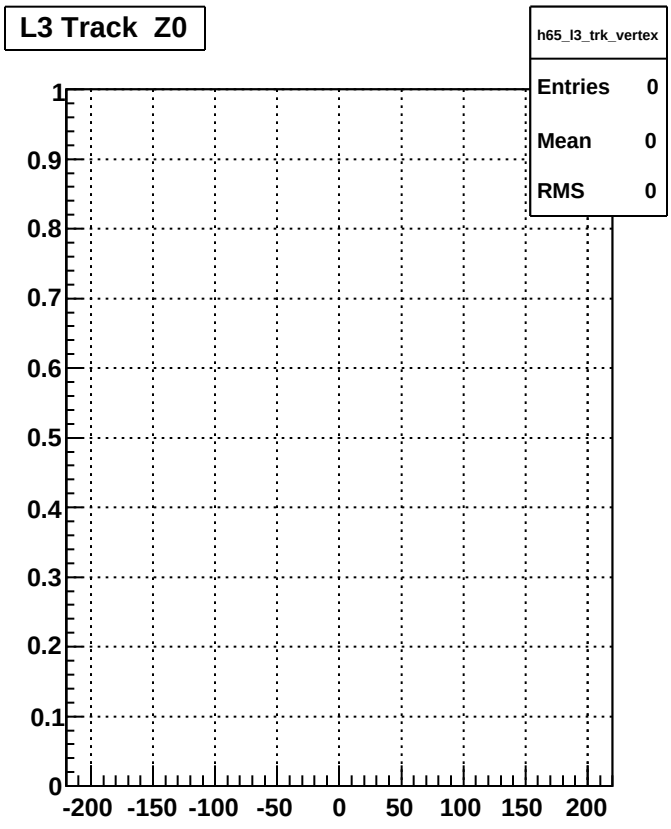
L3 Vertex-Z vs ZDC Timing difference

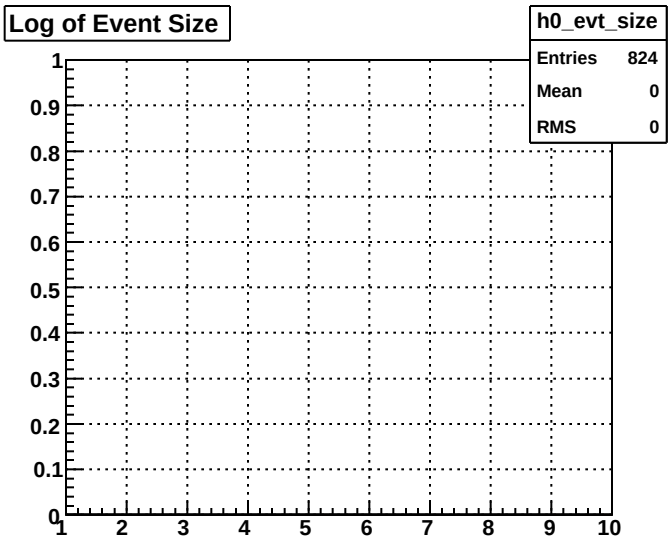


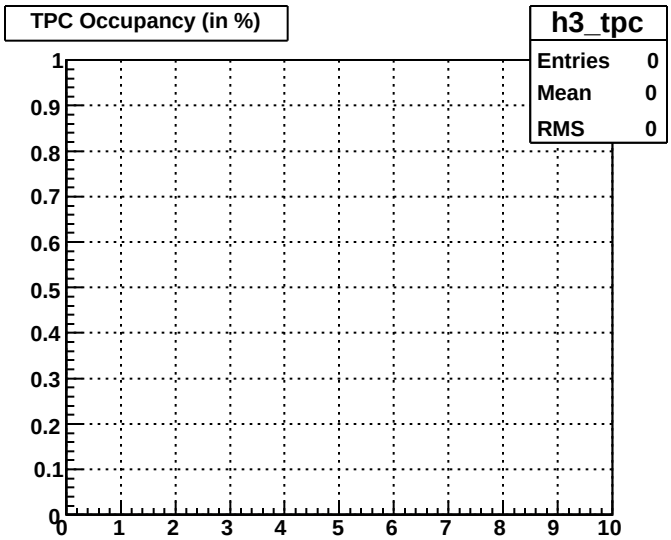

L3 Track Pt
h62_l3_pt
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

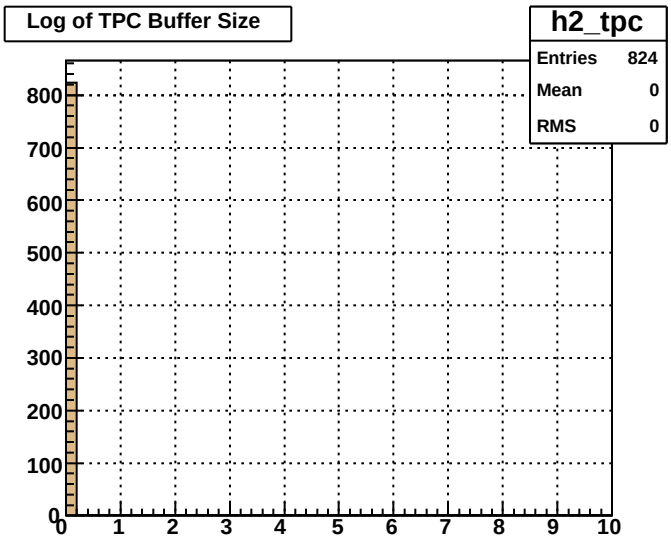

L3 Track Phi0
h63_l3_phi0
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 1 2 3 4 5 6

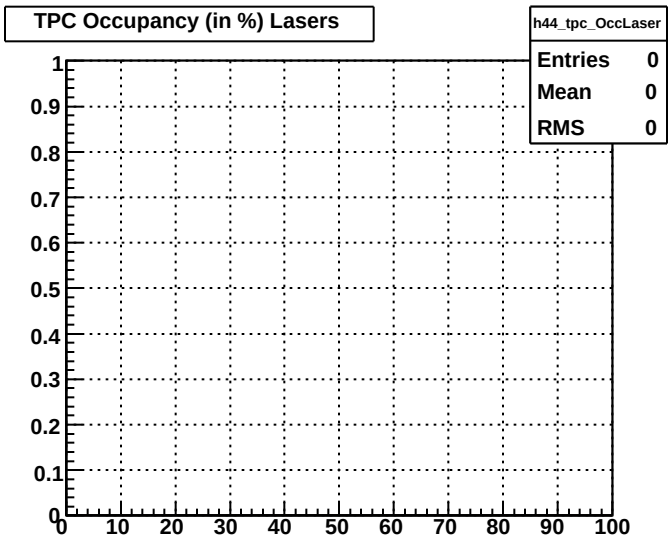

L3 Track Psi
h64_l3_psi
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-3 -2 -1 0 1 2 3

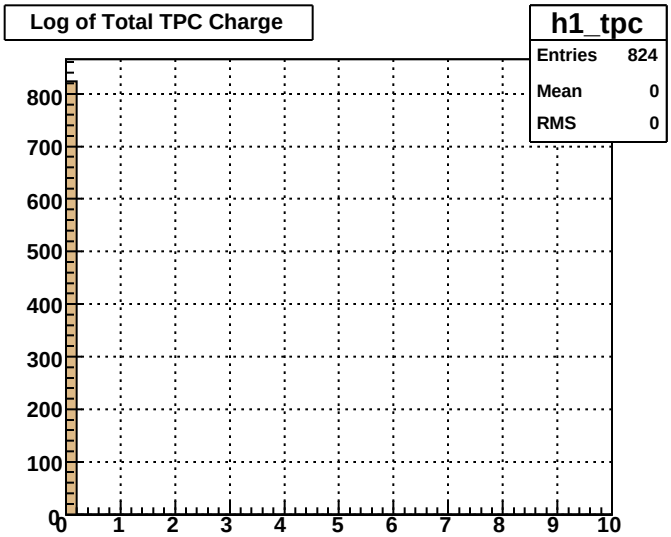

L3 Track Z0
h65_l3_trk_vertex
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-200 -150 -100 -50 0 50 100 150 200

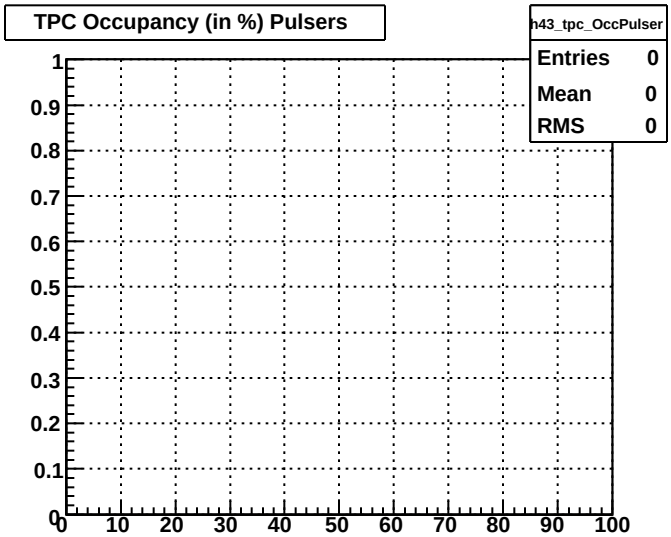

Log of Event Size
h0_evt_size
Entries 824
Mean 0
RMS 0


TPC Occupancy (in %)
h3_tpc
Entries 0
Mean 0
RMS 0

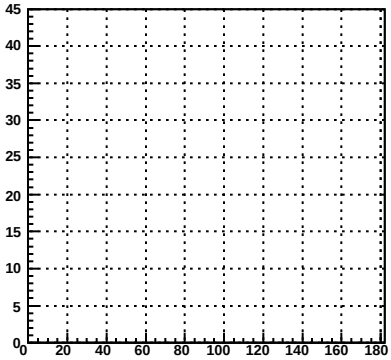

Log of TPC Buffer Size
h2_tpc
Entries 824
Mean 0
RMS 0


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

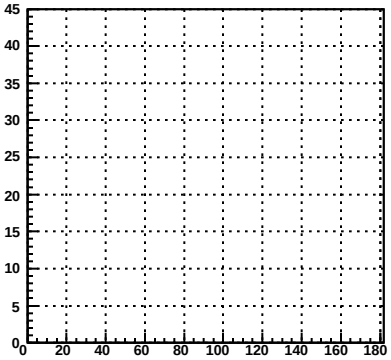

Log of Total TPC Charge
h1_tpc
Entries 824
Mean 0
RMS 0


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

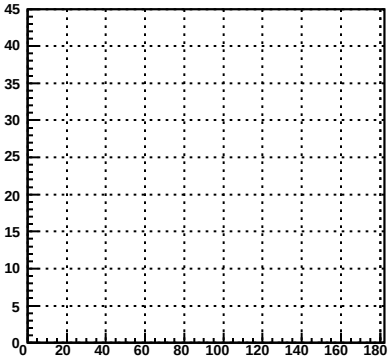
Sec. 1 charge per pad



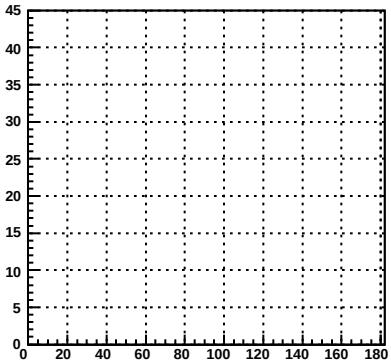
Sec. 2 charge per pad



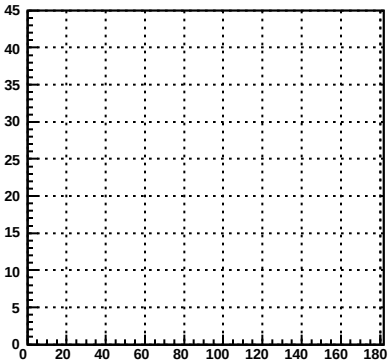
Sec. 3 charge per pad



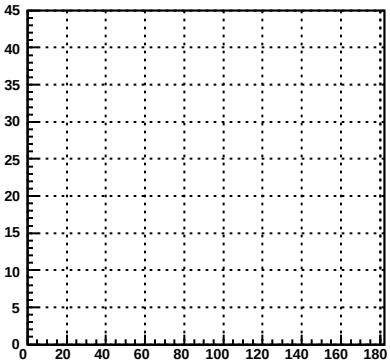
Sec. 4 charge per pad



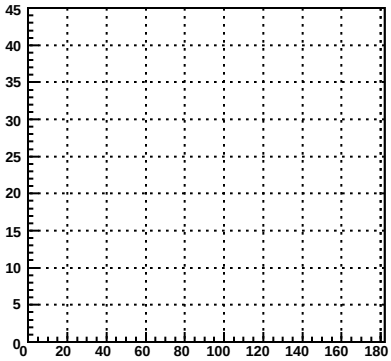
Sec. 5 charge per pad



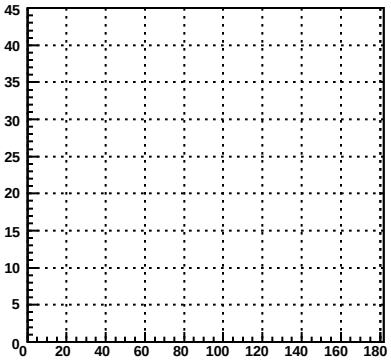
Sec. 6 charge per pad



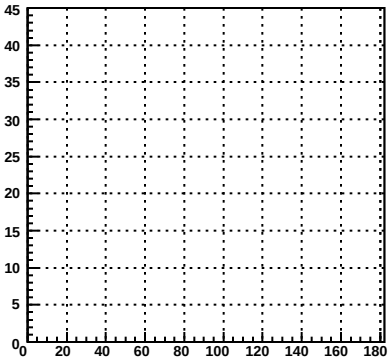
Sec. 7 charge per pad



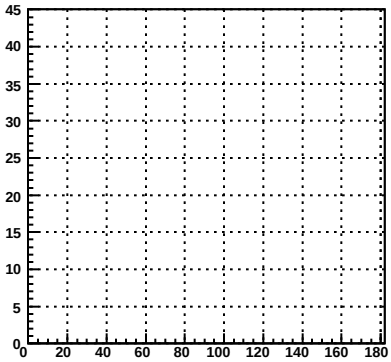
Sec. 8 charge per pad



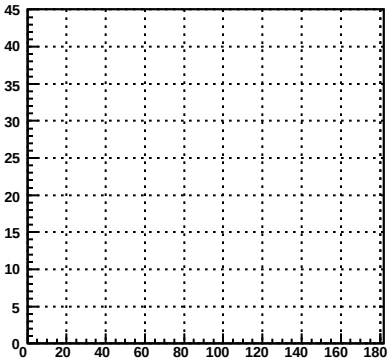
Sec. 9 charge per pad



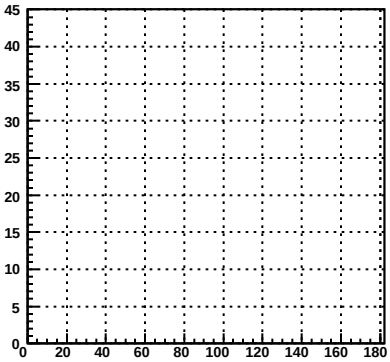
Sec. 10 charge per pad



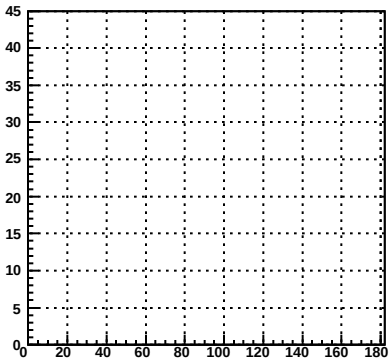
Sec. 11 charge per pad



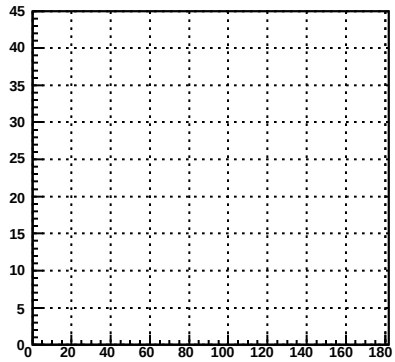
Sec. 12 charge per pad



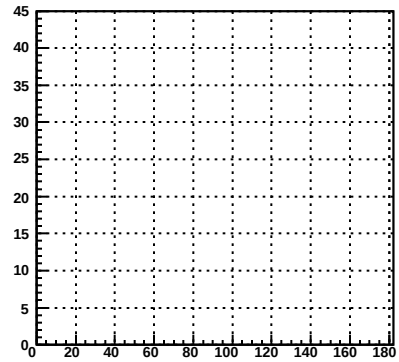
Sec. 13 charge per pad



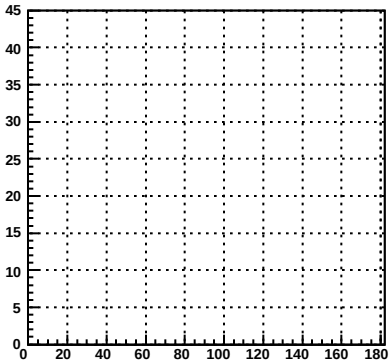
Sec. 14 charge per pad



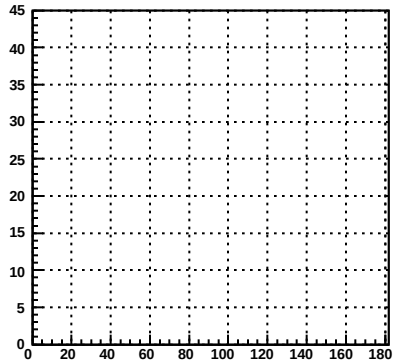
Sec. 15 charge per pad



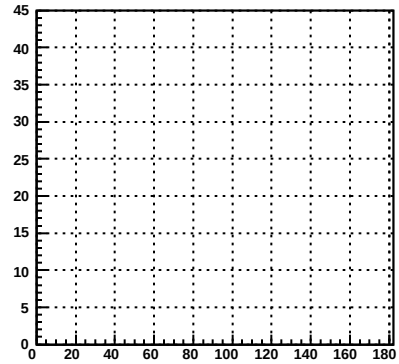
Sec. 16 charge per pad



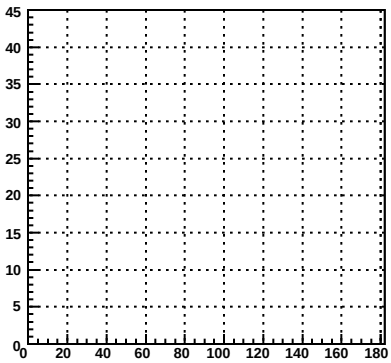
Sec. 17 charge per pad



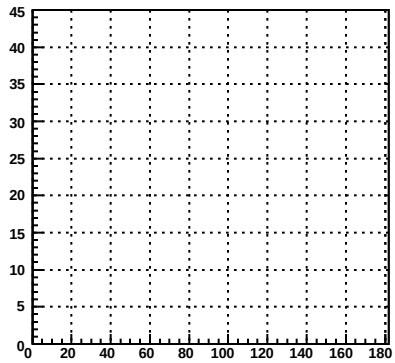
Sec. 18 charge per pad



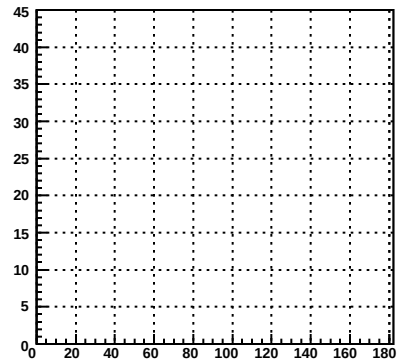
Sec. 19 charge per pad



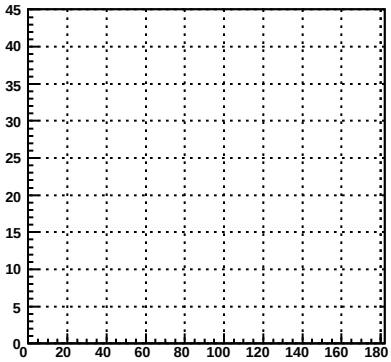
Sec. 20 charge per pad



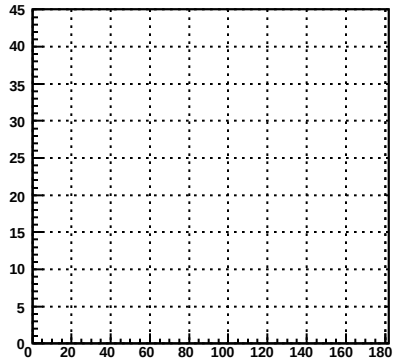
Sec. 21 charge per pad



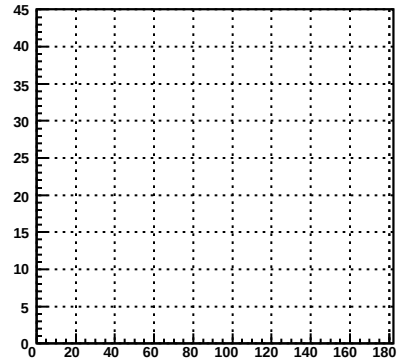
Sec. 22 charge per pad

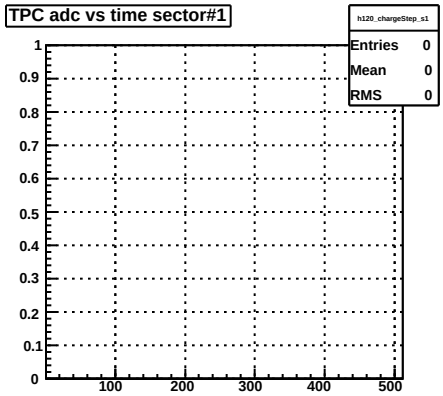


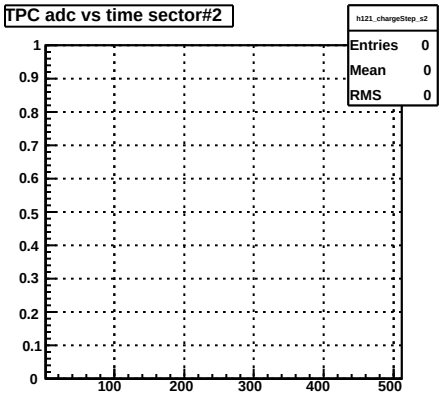
Sec. 23 charge per pad

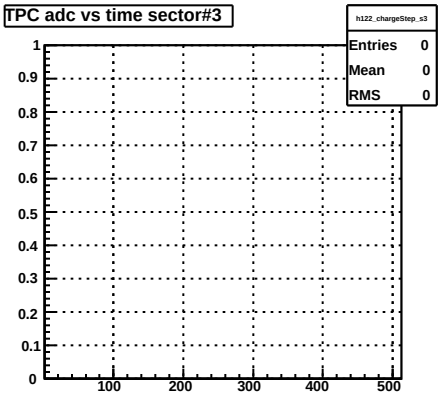


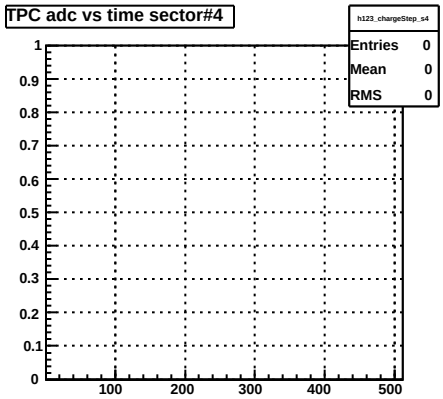
Sec. 24 charge per pad

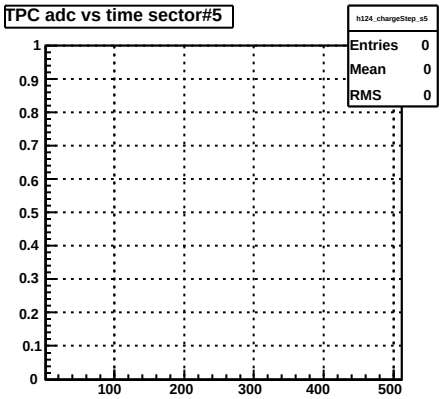


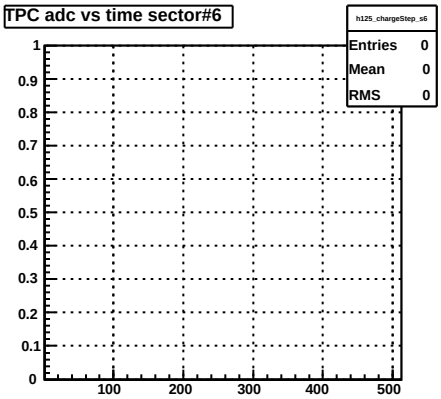

TPC adc vs time sector#1
h120_chargeStep_s1
Entries 0
Mean 0
RMS 0

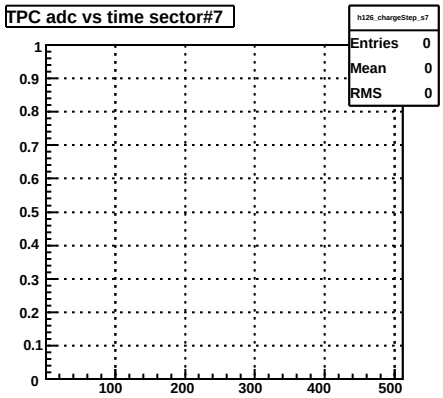

TPC adc vs time sector#2
h121_chargeStep_s2
Entries 0
Mean 0
RMS 0

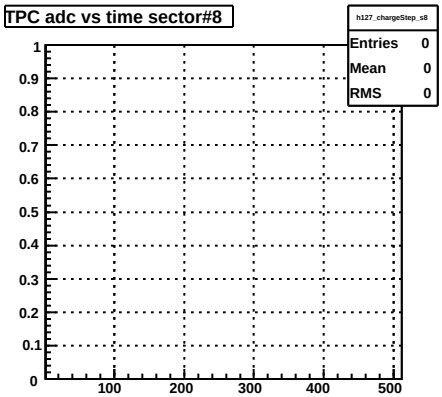

TPC adc vs time sector#3
h122_chargeStep_s3
Entries 0
Mean 0
RMS 0

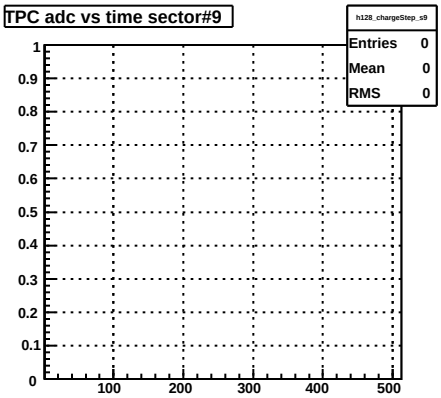

TPC adc vs time sector#4
h123_chargeStep_s4
Entries 0
Mean 0
RMS 0

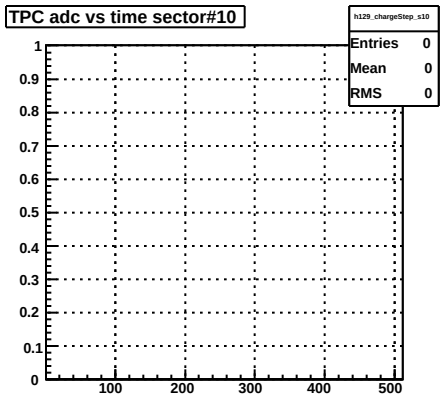

TPC adc vs time sector#5
h124_chargeStep_s5
Entries 0
Mean 0
RMS 0

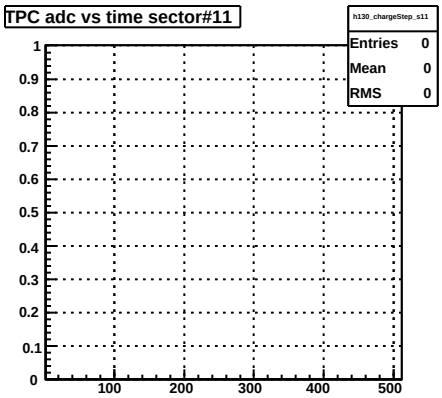

TPC adc vs time sector#6
h125_chargeStep_s6
Entries 0
Mean 0
RMS 0

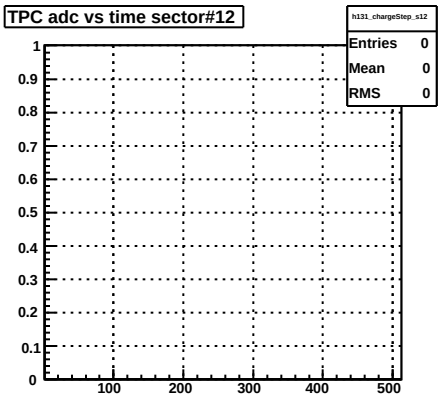

TPC adc vs time sector#7
h126_chargeStep_s7
Entries 0
Mean 0
RMS 0

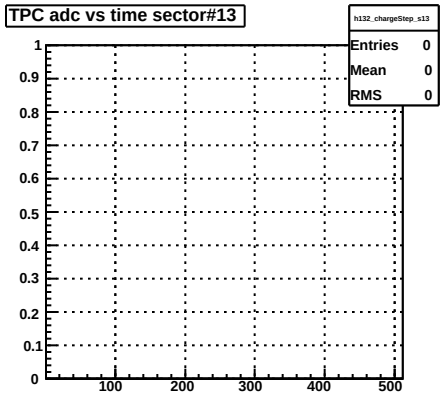

TPC adc vs time sector#8
h127_chargeStep_s8
Entries 0
Mean 0
RMS 0

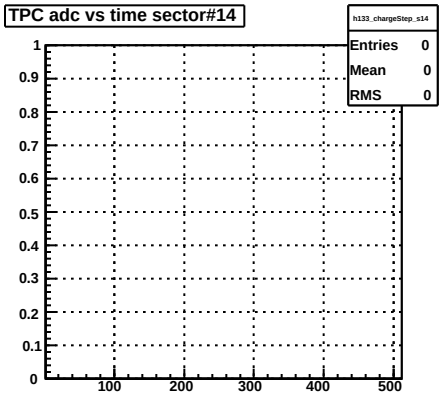

TPC adc vs time sector#9
h128_chargeStep_s9
Entries 0
Mean 0
RMS 0

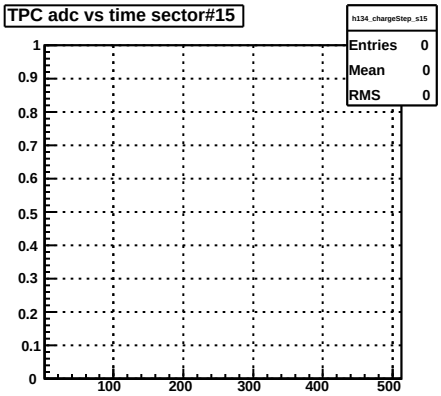

TPC adc vs time sector#10
h129_chargeStep_s10
Entries 0
Mean 0
RMS 0

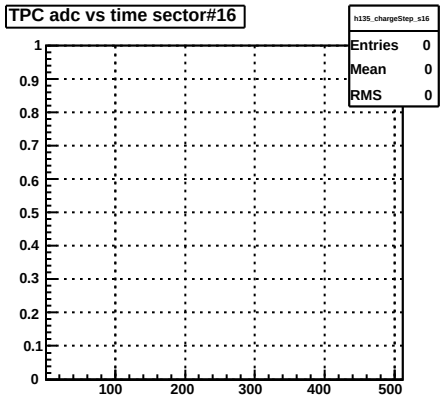

TPC adc vs time sector#11
h130_chargeStep_s11
Entries 0
Mean 0
RMS 0

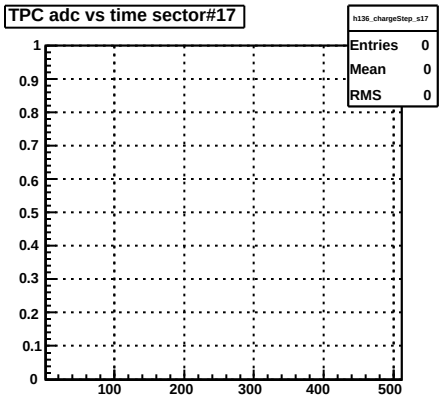

TPC adc vs time sector#12
h131_chargeStep_s12
Entries 0
Mean 0
RMS 0

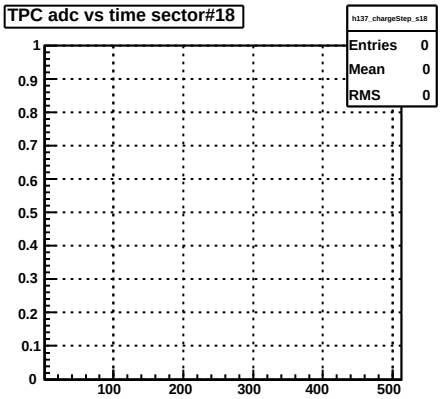

TPC adc vs time sector#13
h132_chargeStep_s13
Entries 0
Mean 0
RMS 0

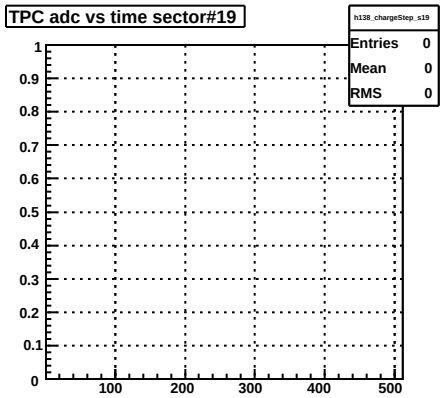

TPC adc vs time sector#14
h133_chargeStep_s14
Entries 0
Mean 0
RMS 0

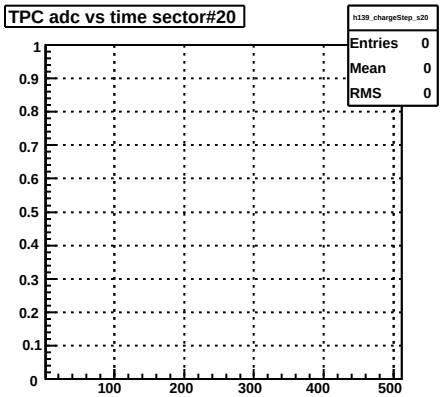

TPC adc vs time sector#15
h134_chargeStep_s15
Entries 0
Mean 0
RMS 0

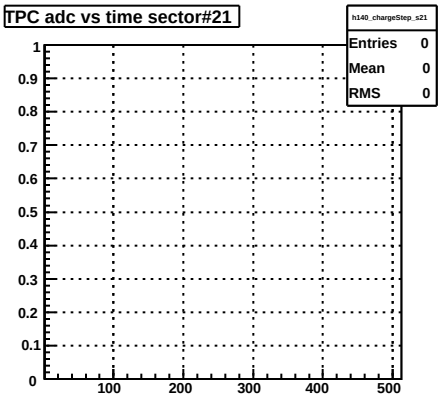

TPC adc vs time sector#16
h135_chargeStep_s16
Entries 0
Mean 0
RMS 0

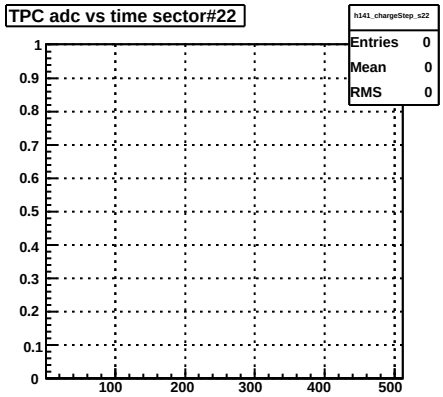

TPC adc vs time sector#17
h136_chargeStep_s17
Entries 0
Mean 0
RMS 0

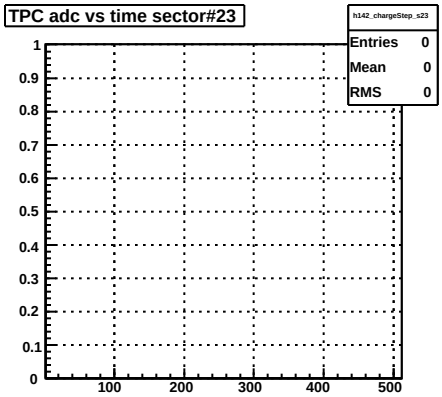

TPC adc vs time sector#18
h137_chargeStep_s18
Entries 0
Mean 0
RMS 0

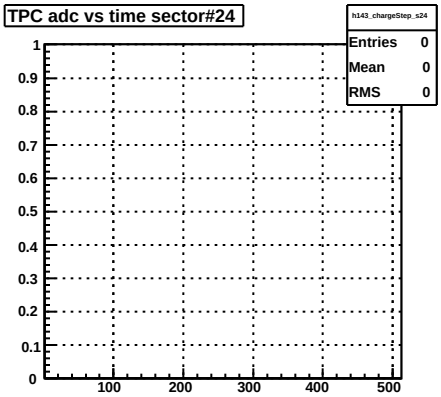

TPC adc vs time sector#19
h138_chargeStep_s19
Entries 0
Mean 0
RMS 0

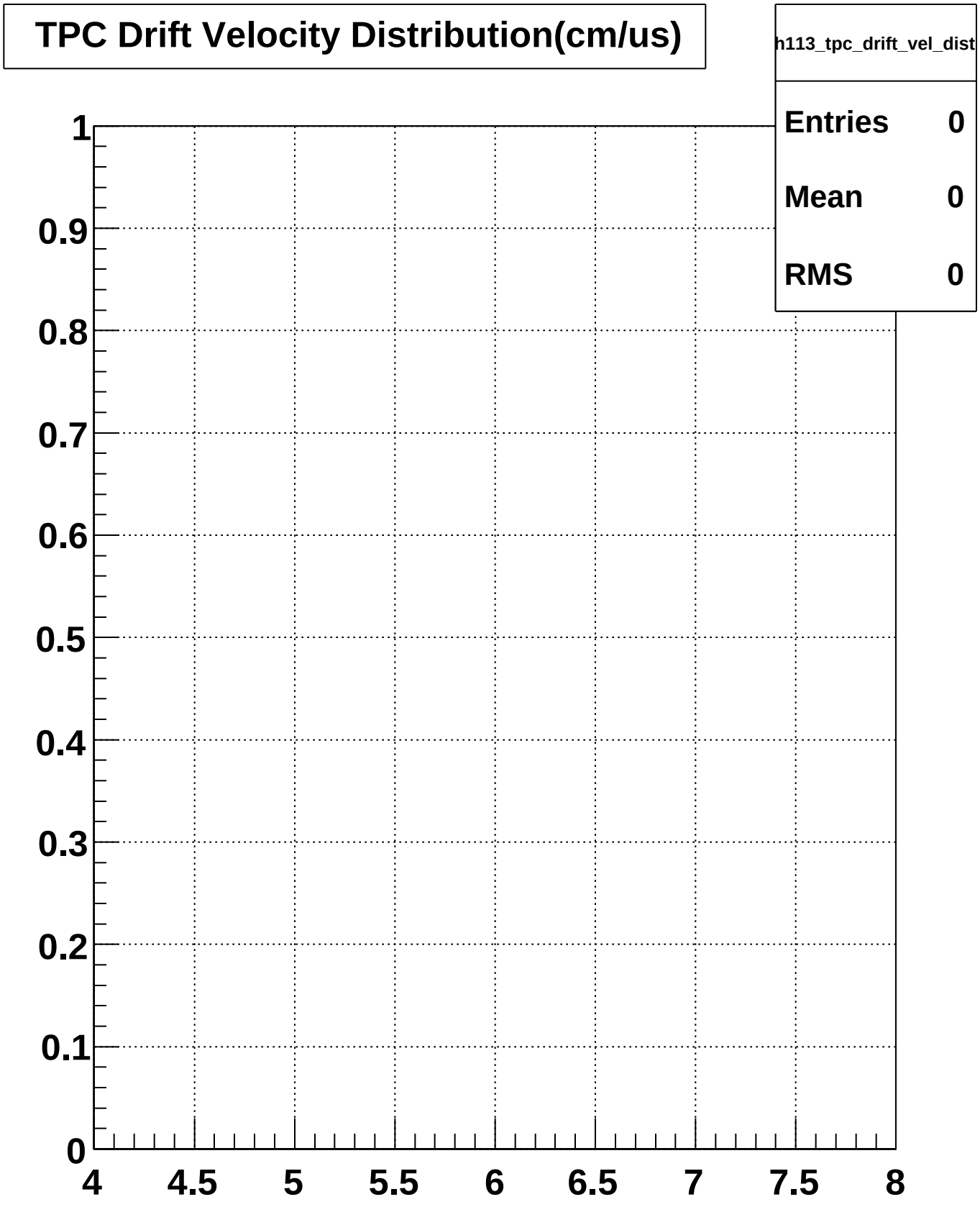

TPC adc vs time sector#20
h139_chargeStep_s20
Entries 0
Mean 0
RMS 0

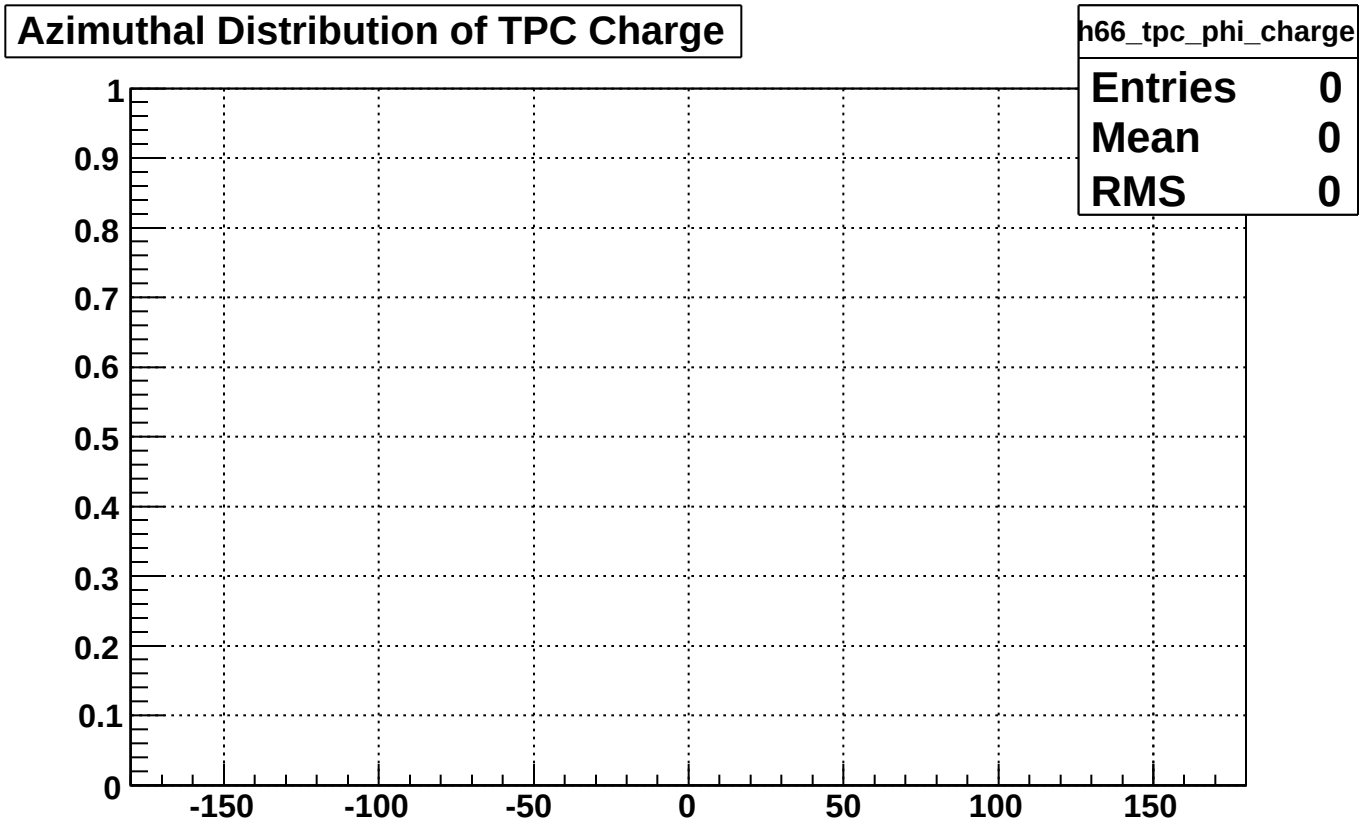

TPC adc vs time sector#21
h140_chargeStep_s21
Entries 0
Mean 0
RMS 0

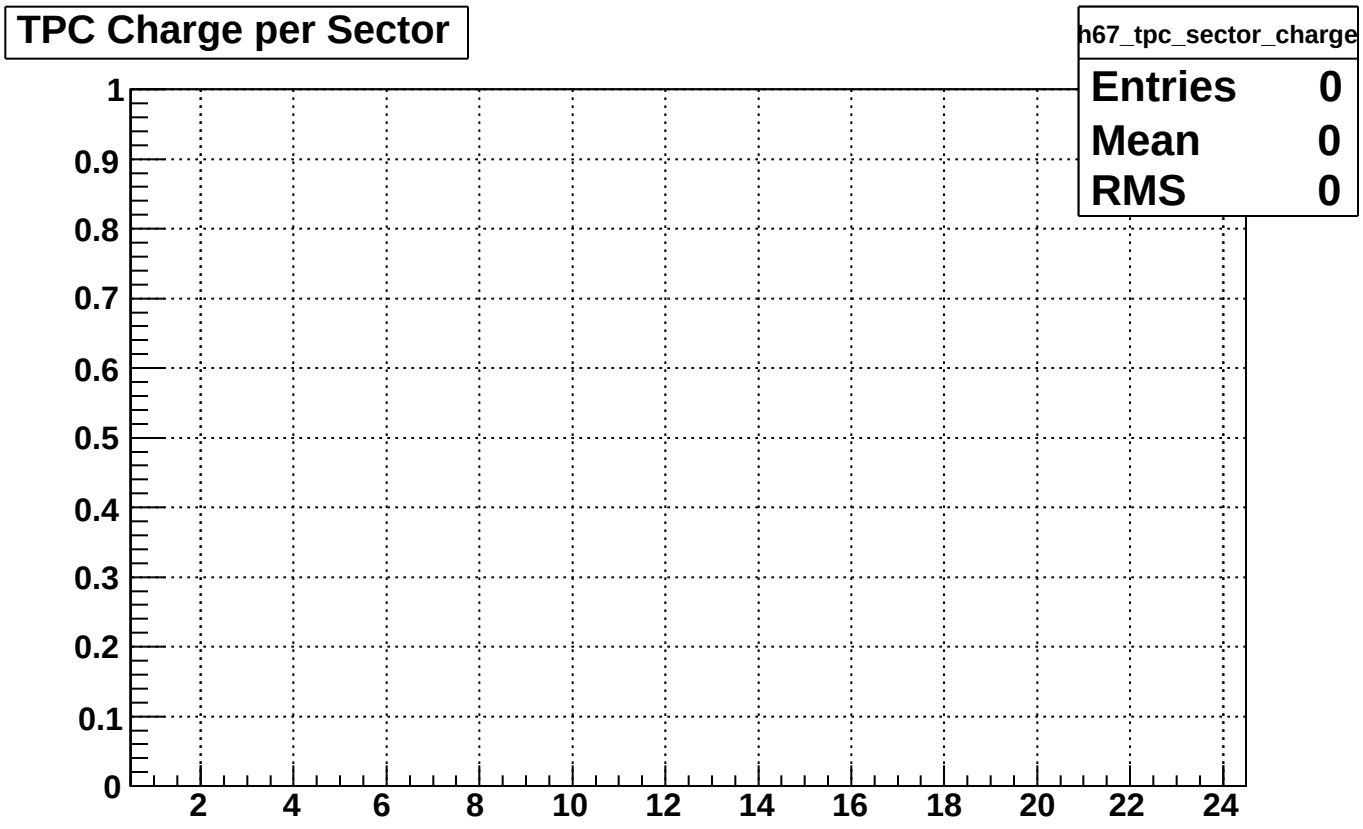

TPC adc vs time sector#22
h141_chargeStep_s22
Entries 0
Mean 0
RMS 0

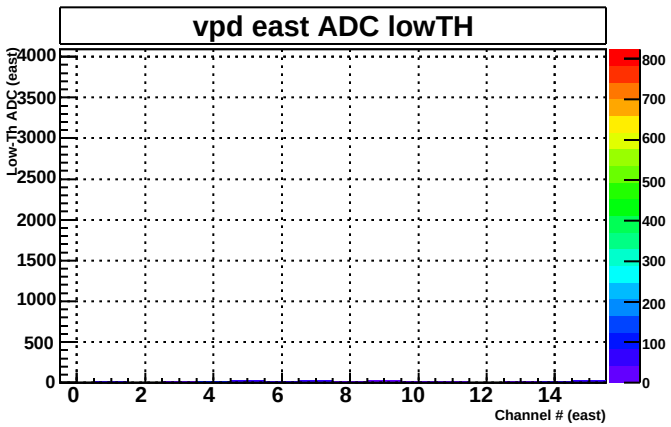

TPC adc vs time sector#23
h142_chargeStep_s23
Entries 0
Mean 0
RMS 0

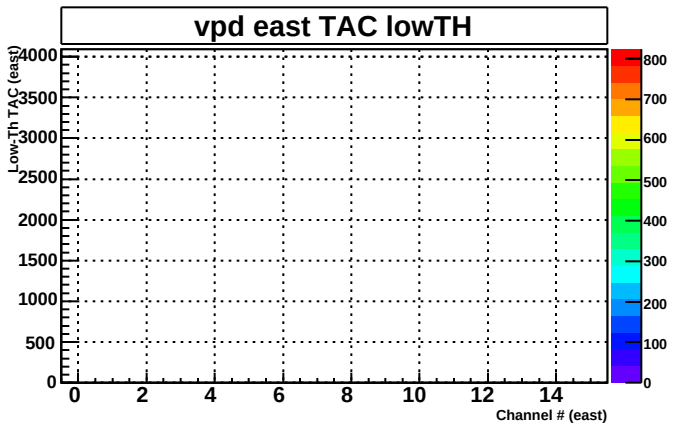

TPC adc vs time sector#24
h143_chargeStep_s24
Entries 0
Mean 0
RMS 0

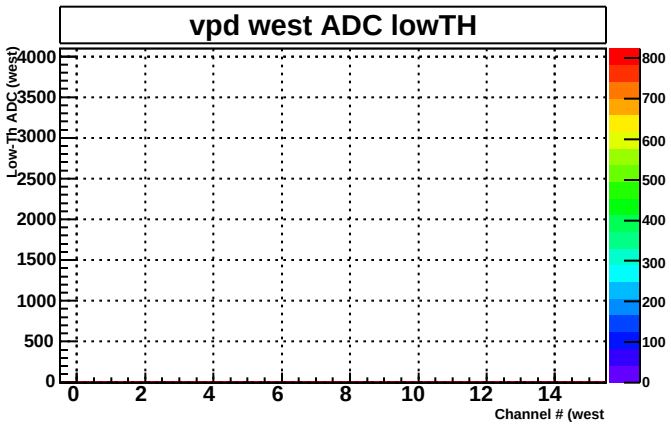

TPC Drift Velocity Distribution(cm/us)
h113_tpc_drift_vel_dist
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
4
4.5
5
5.5
6
6.5
7
7.5
8

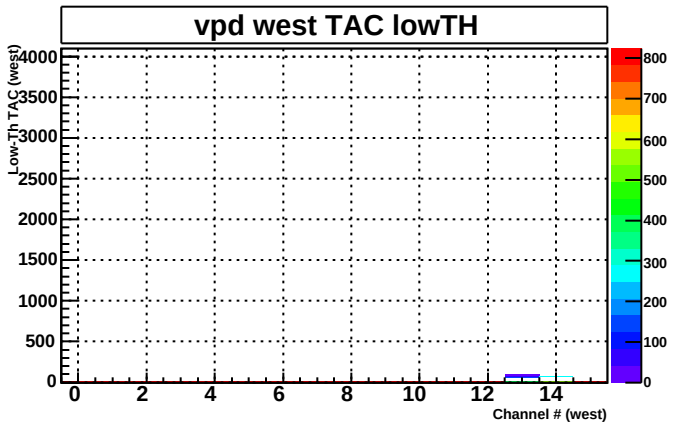

Azimuthal Distribution of TPC Charge
h66_tpc_phi_charge
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-150
-100
-50
0
50
100
150

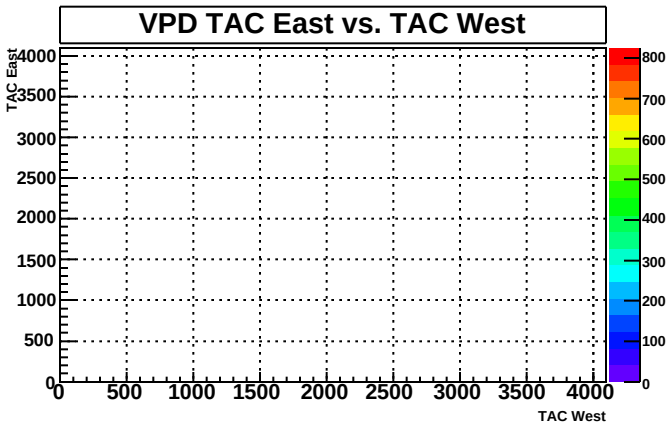

TPC Charge per Sector
h67_tpc_sector_charge
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2
4
6
8
10
12
14
16
18
20
22
24

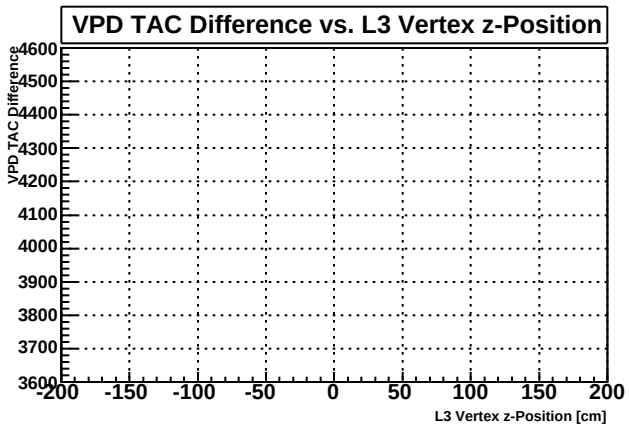

vpd east ADC lowTH
Low-Th ADC (east)
Channel # (east)

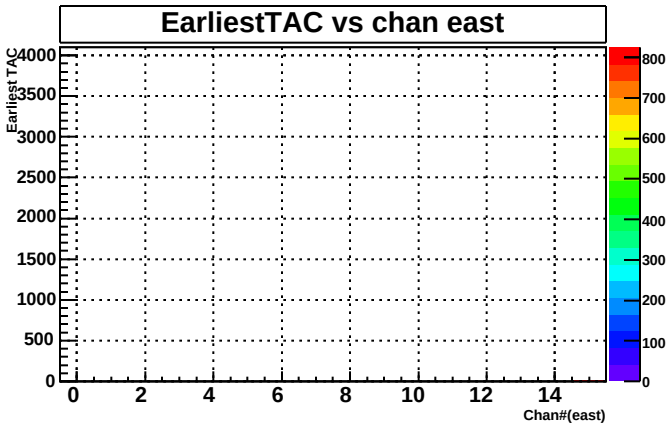

vpd east TAC lowTH
Low-Th TAC (east)
Channel # (east)

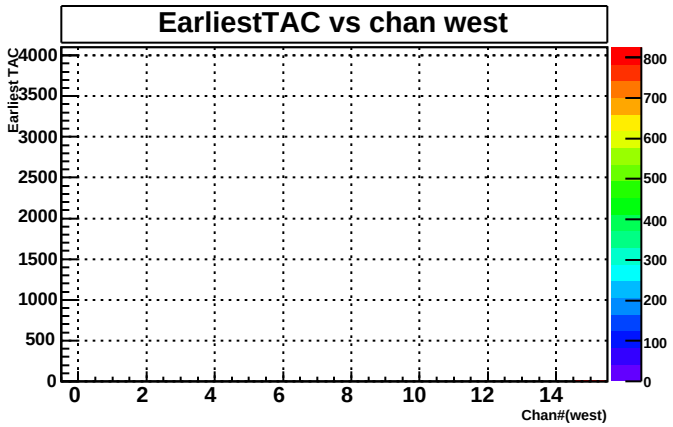

vpd west ADC lowTH
Low-Th ADC (west)
Channel # (west

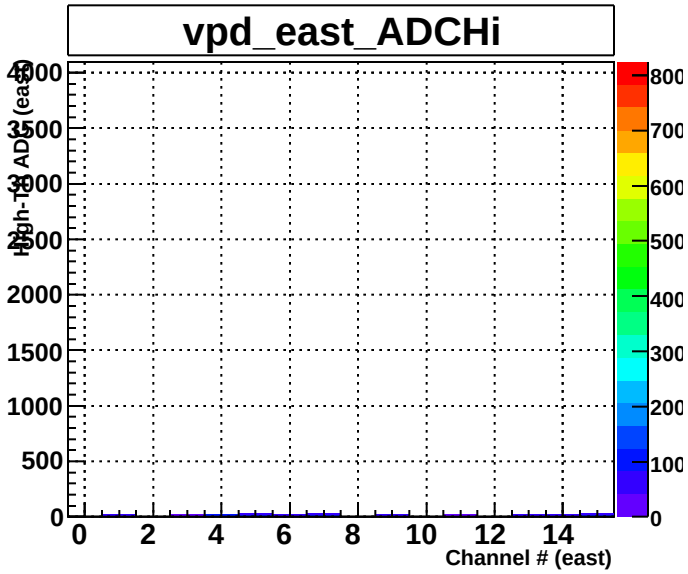

vpd west TAC lowTH
Low-Th TAC (west)
Channel # (west)

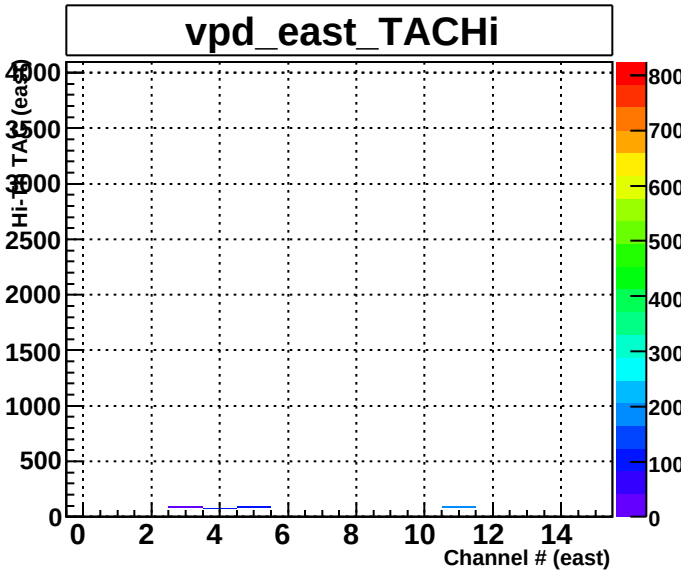

VPD TAC East vs. TAC West
TAC East
TAC West

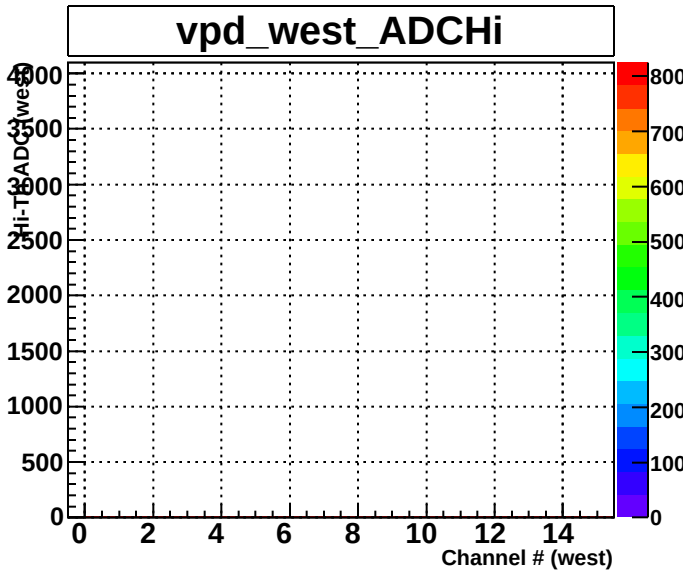

VPD TAC Difference vs. L3 Vertex z-Position
VPD TAC Difference
L3 Vertex z-Position [cm]

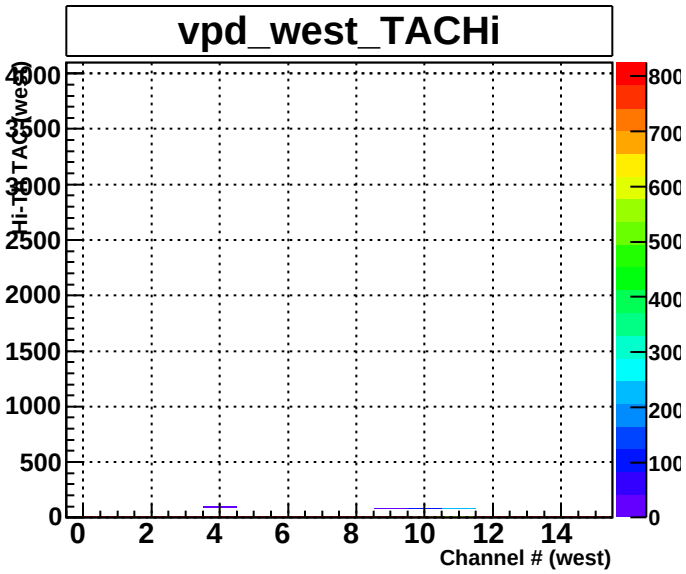

EarliestTAC vs chan east
Earliest TAC
Chan#(east)

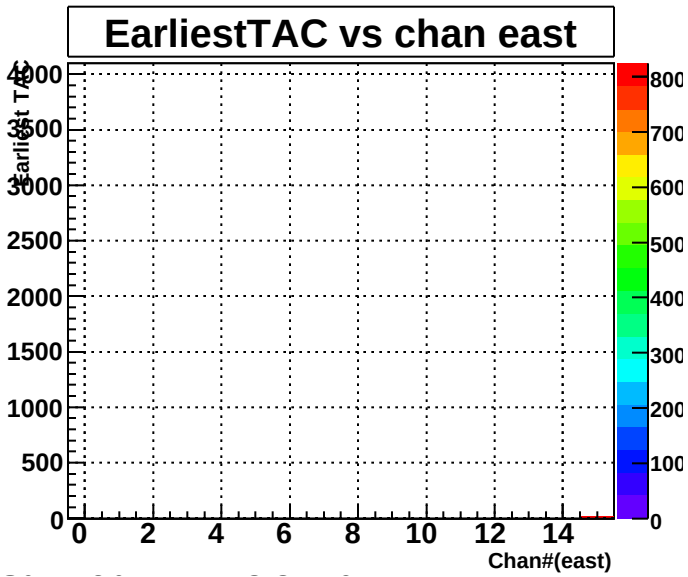

EarliestTAC vs chan west
Earliest TAC
Chan#(west)

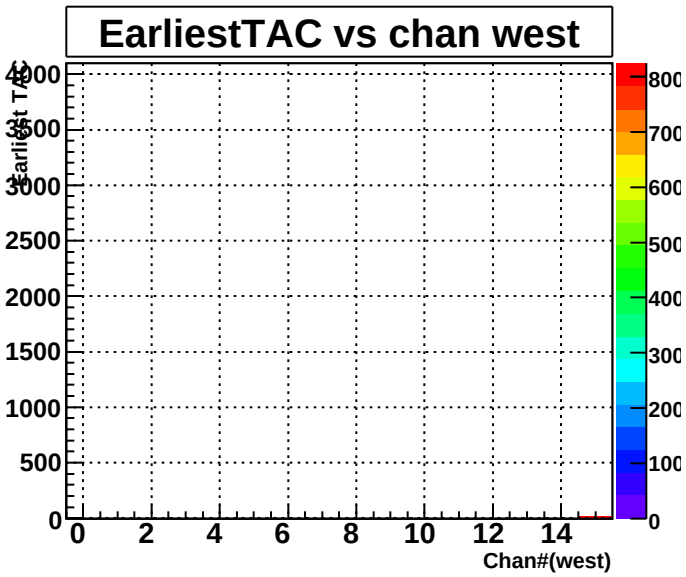

vpd_east_ADCHi
High-Hi ADC (east)
Channel # (east)

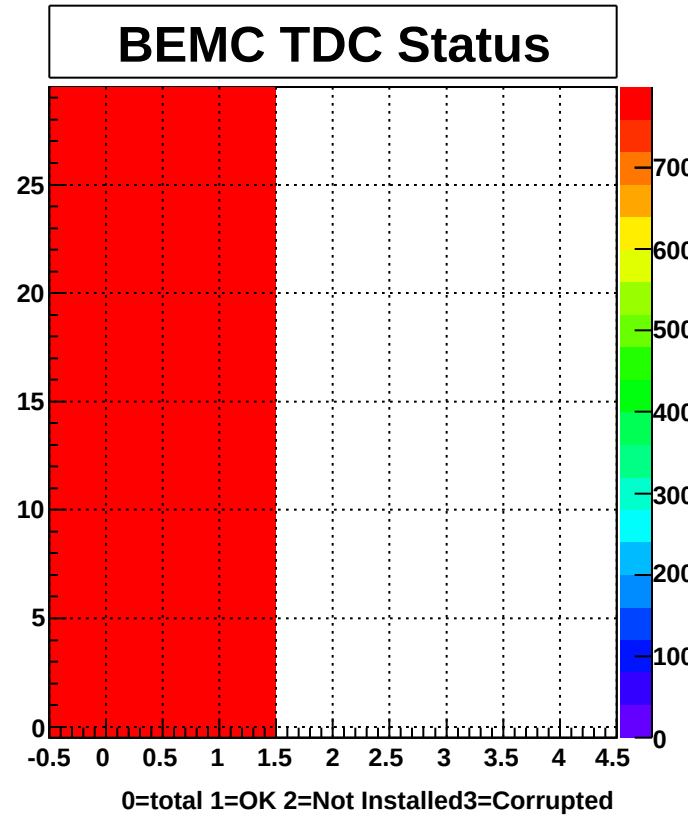

vpd_east_TACHi
Hi-Hi TAC (east)
Channel # (east)

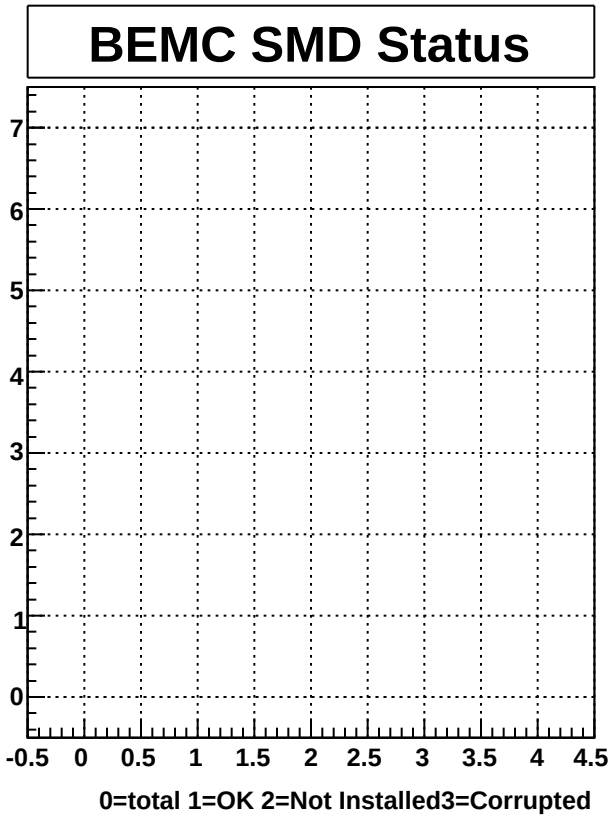

vpd_west_ADCHi
Hi-Hi ADC (west)
Channel # (west)

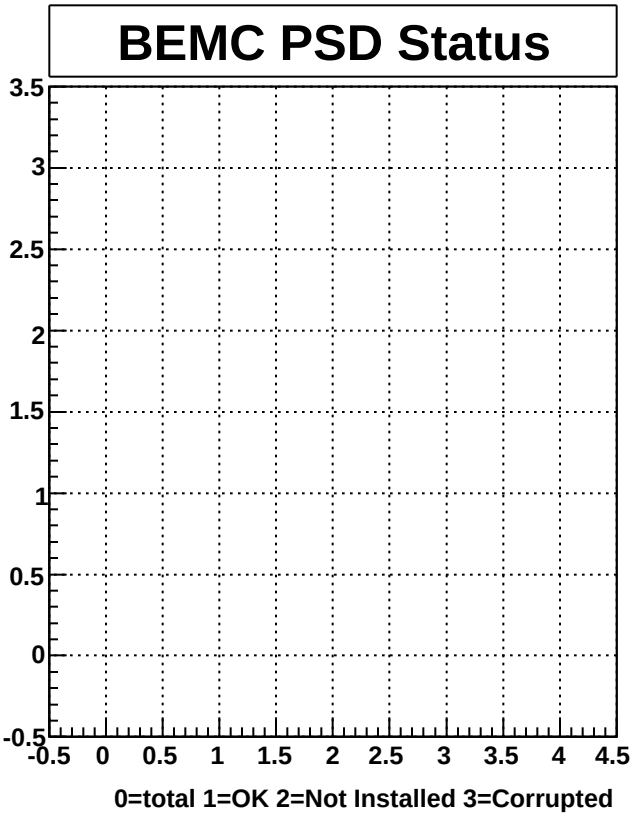

vpd_west_TACHi
Hi-Hi TAC (west)
Channel # (west)

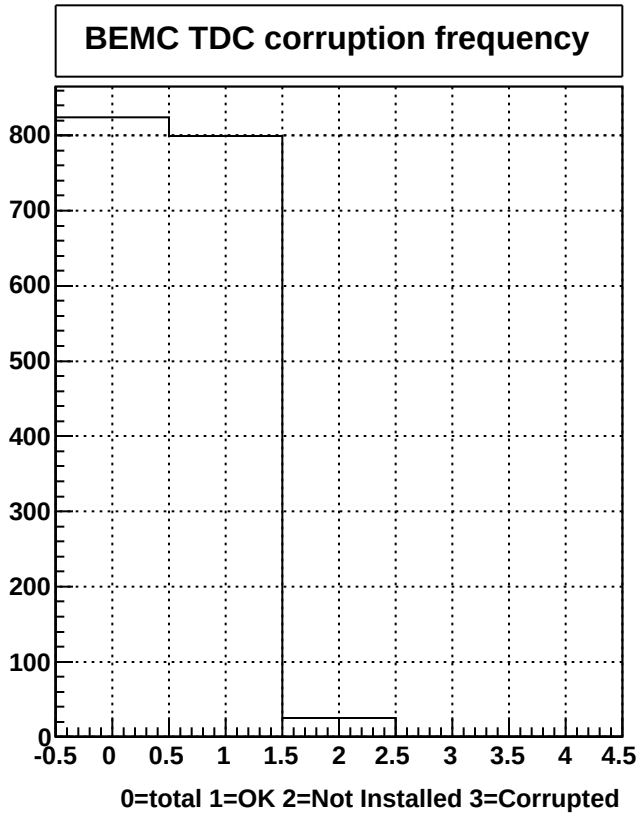

EarliestTAC vs chan east
Earliest TAC
Chan#(east)


EarliestTAC vs chan west
Earliest TAC
Chan#(west)









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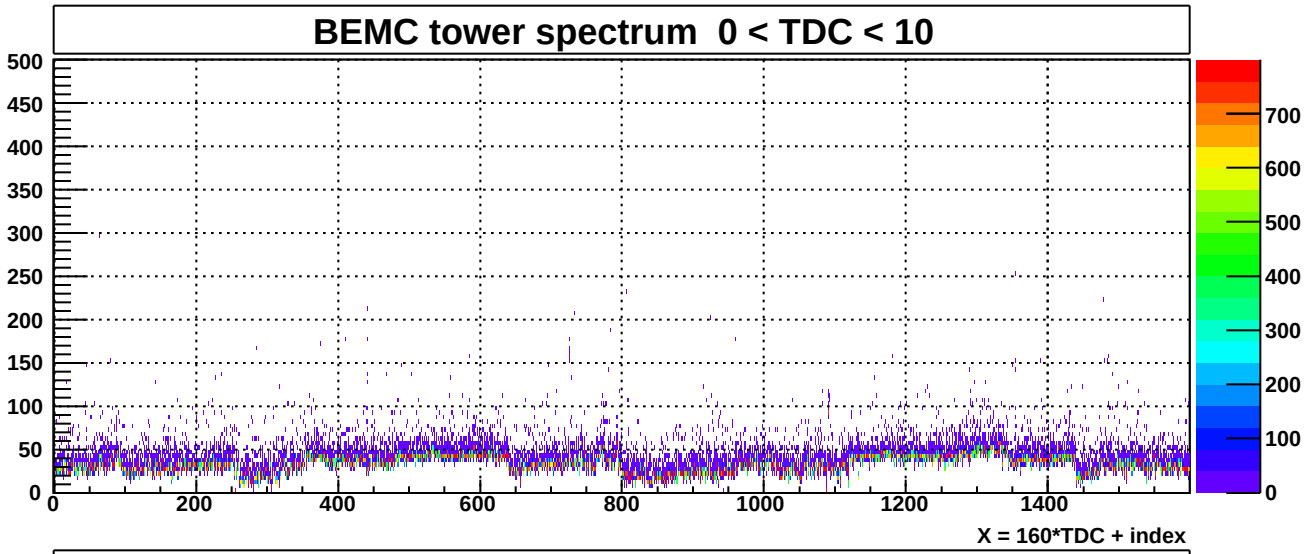

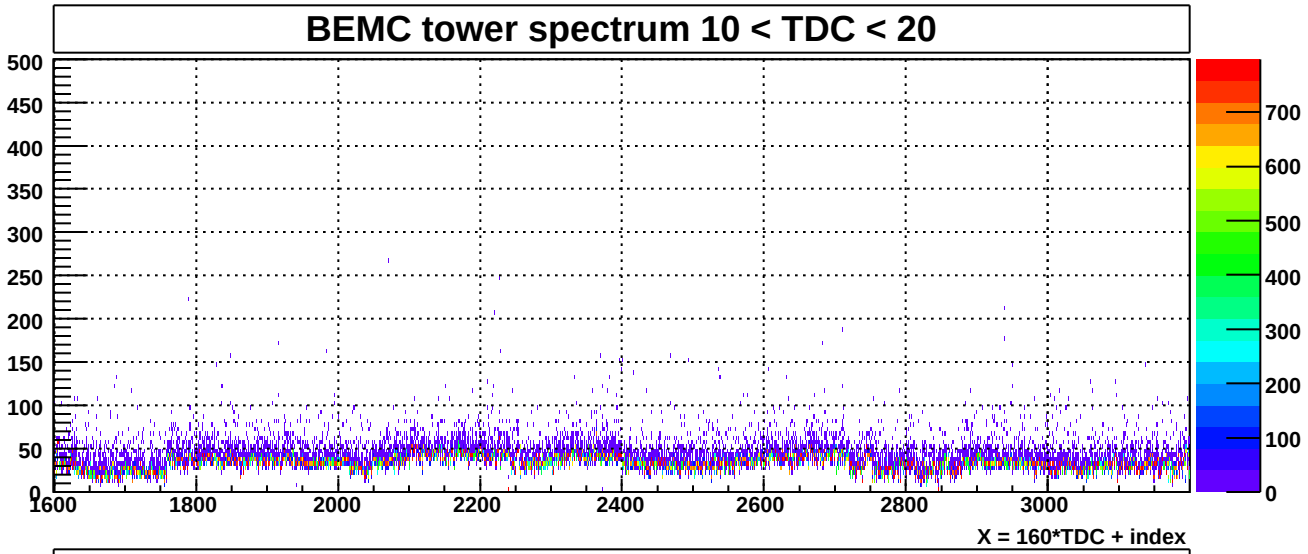

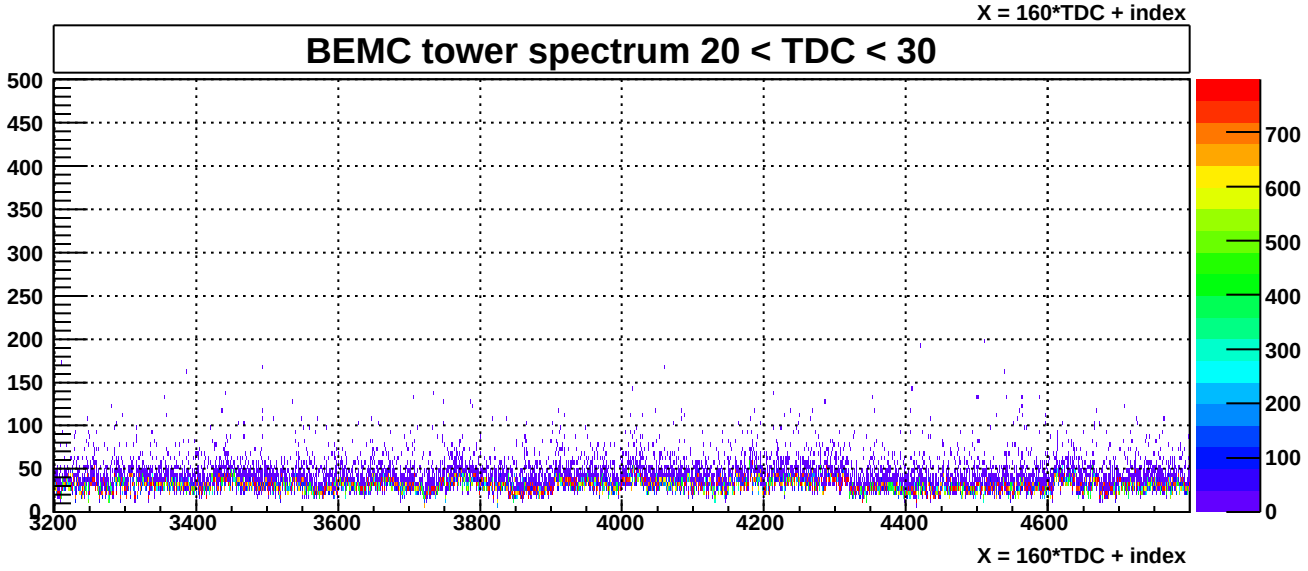

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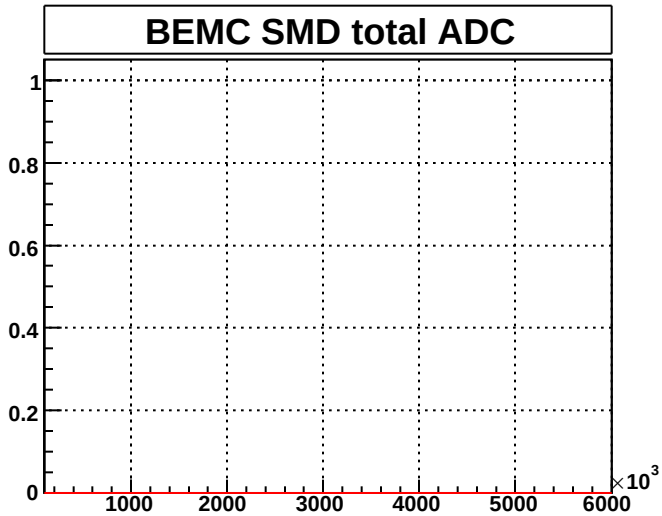

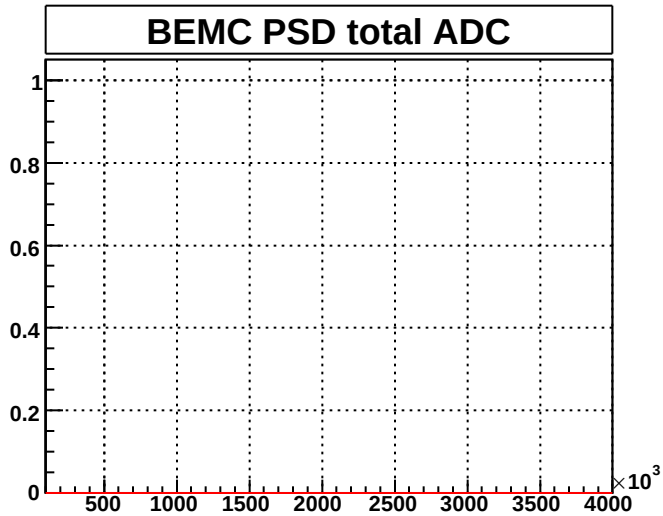

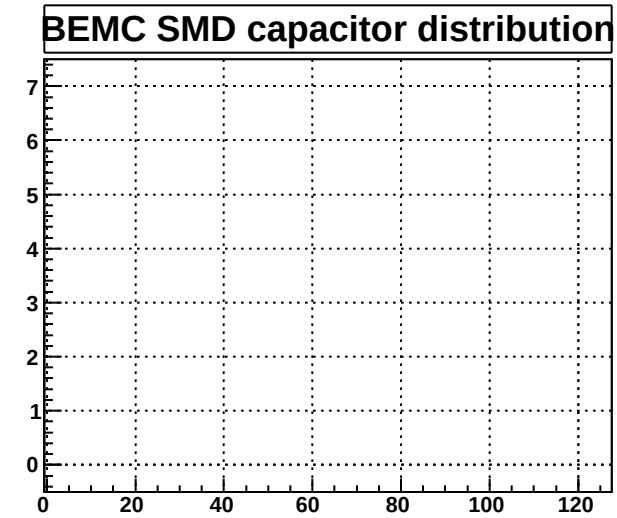

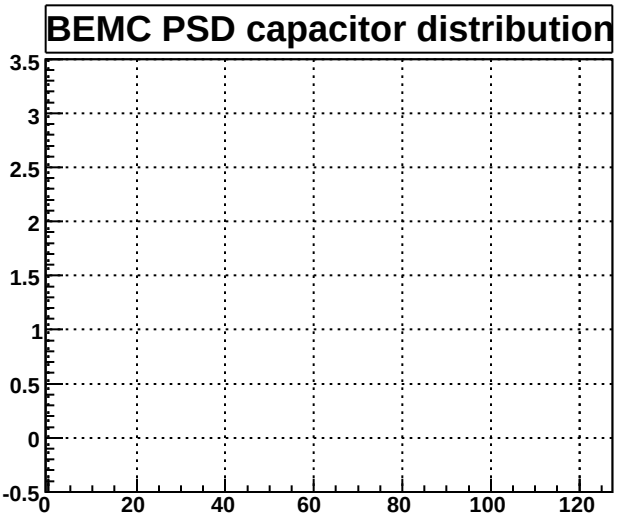

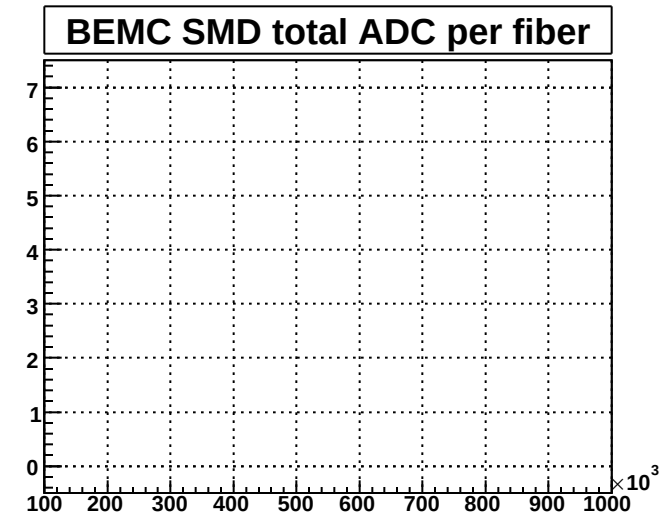

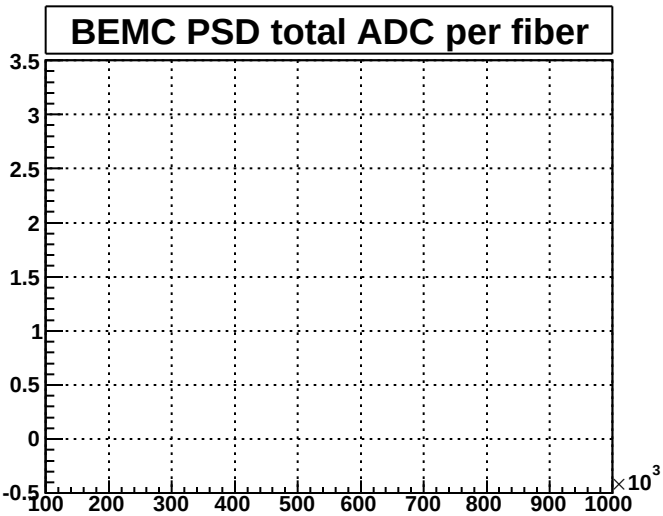

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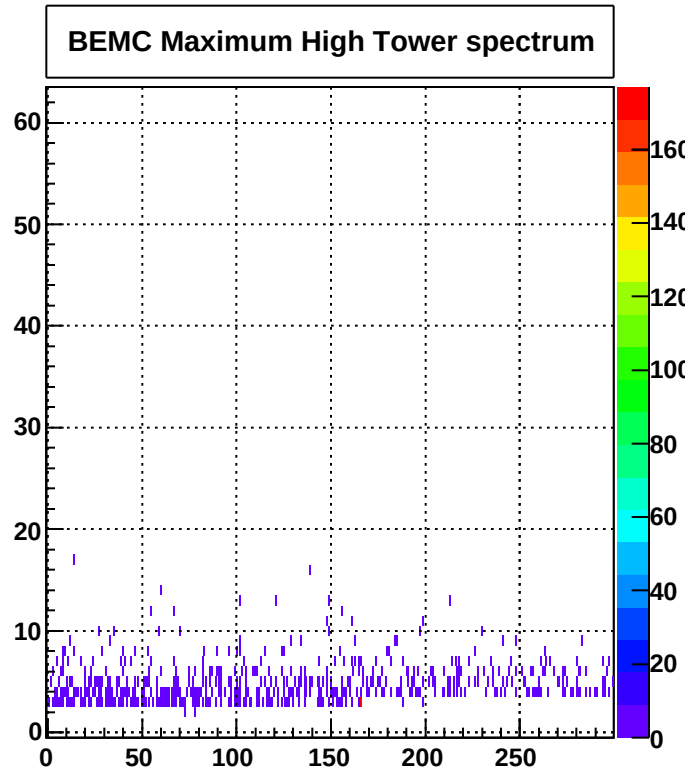

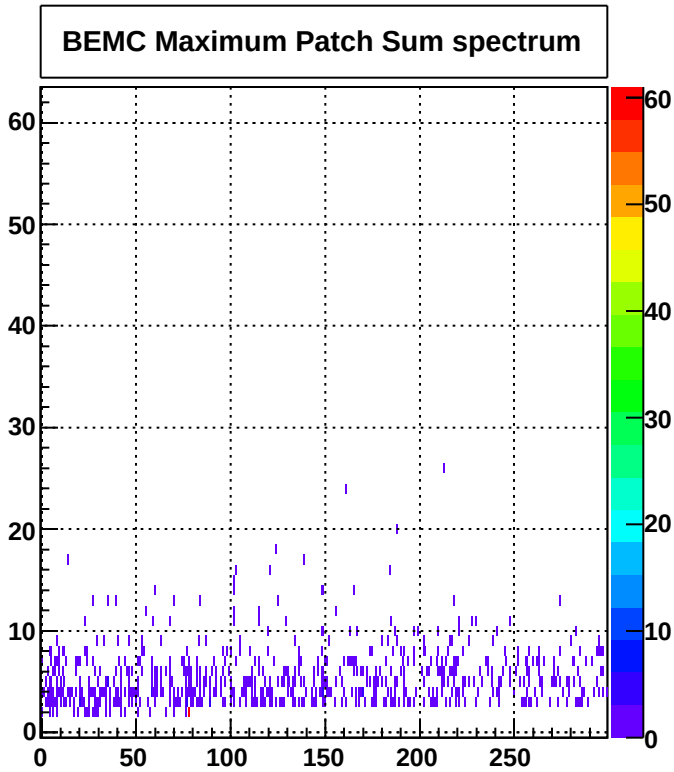

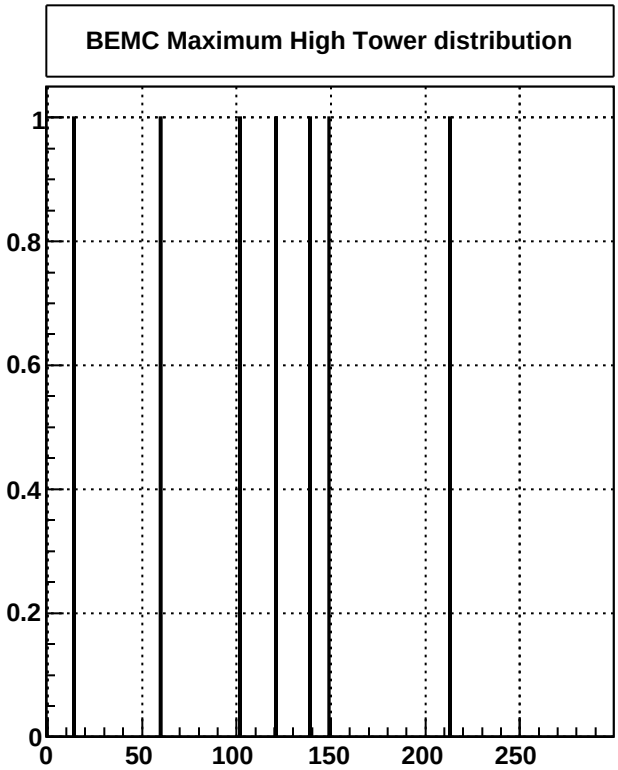

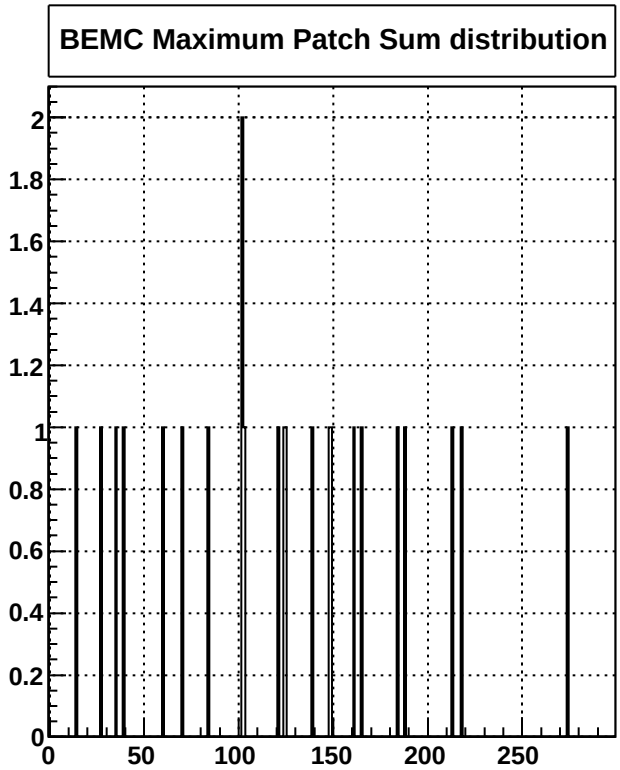

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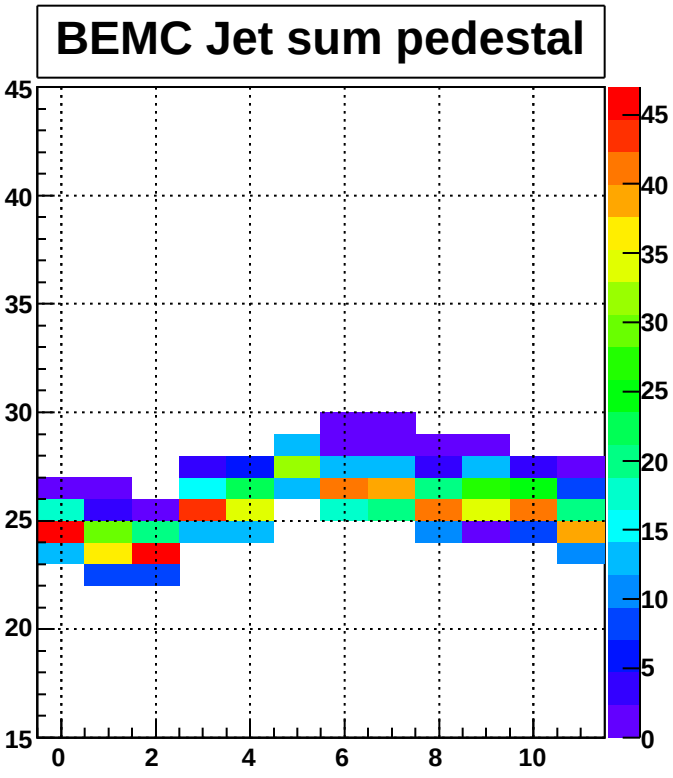

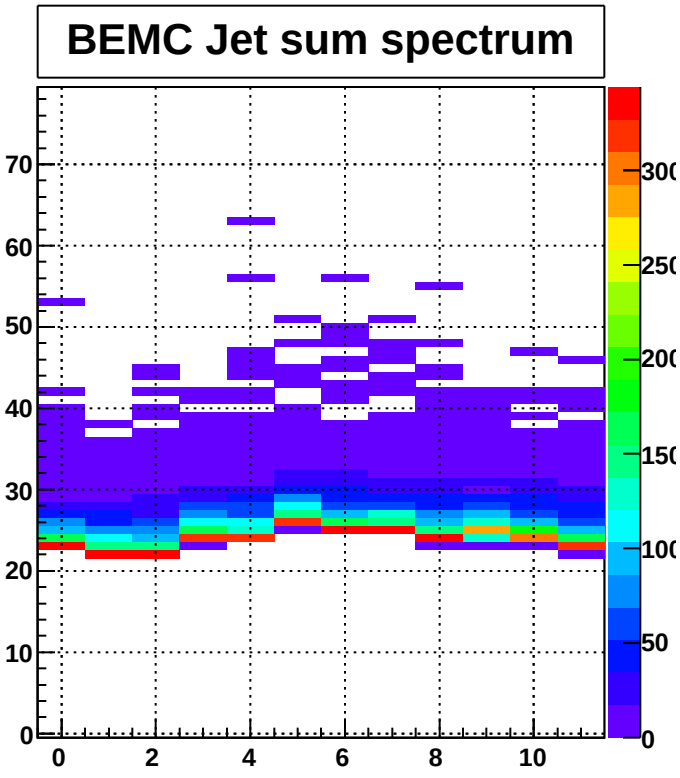

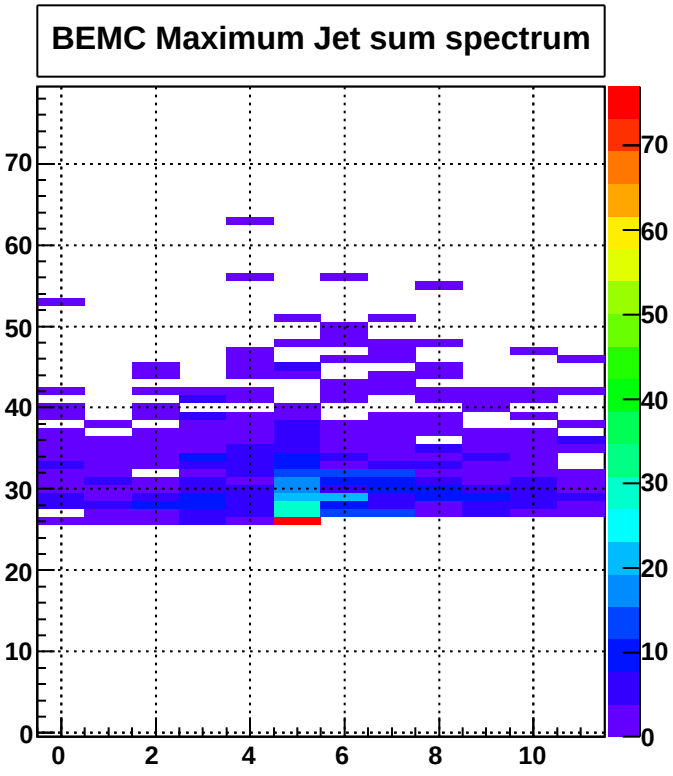

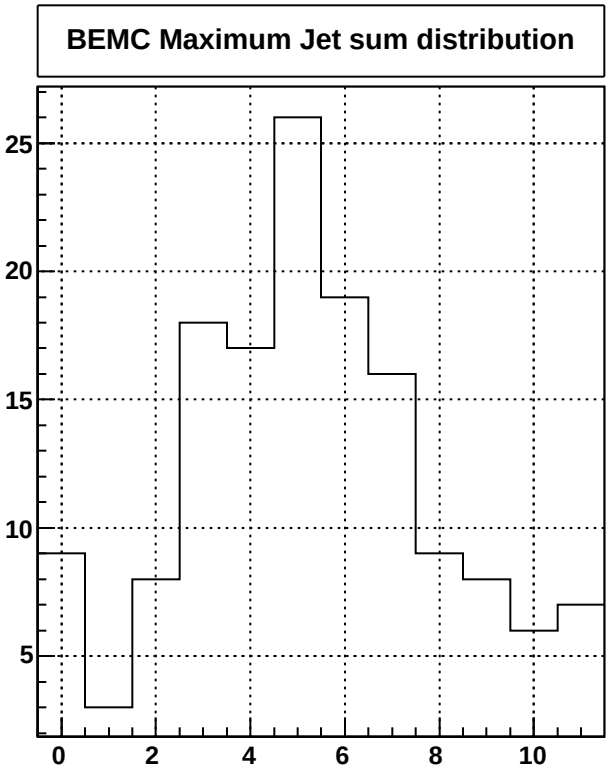

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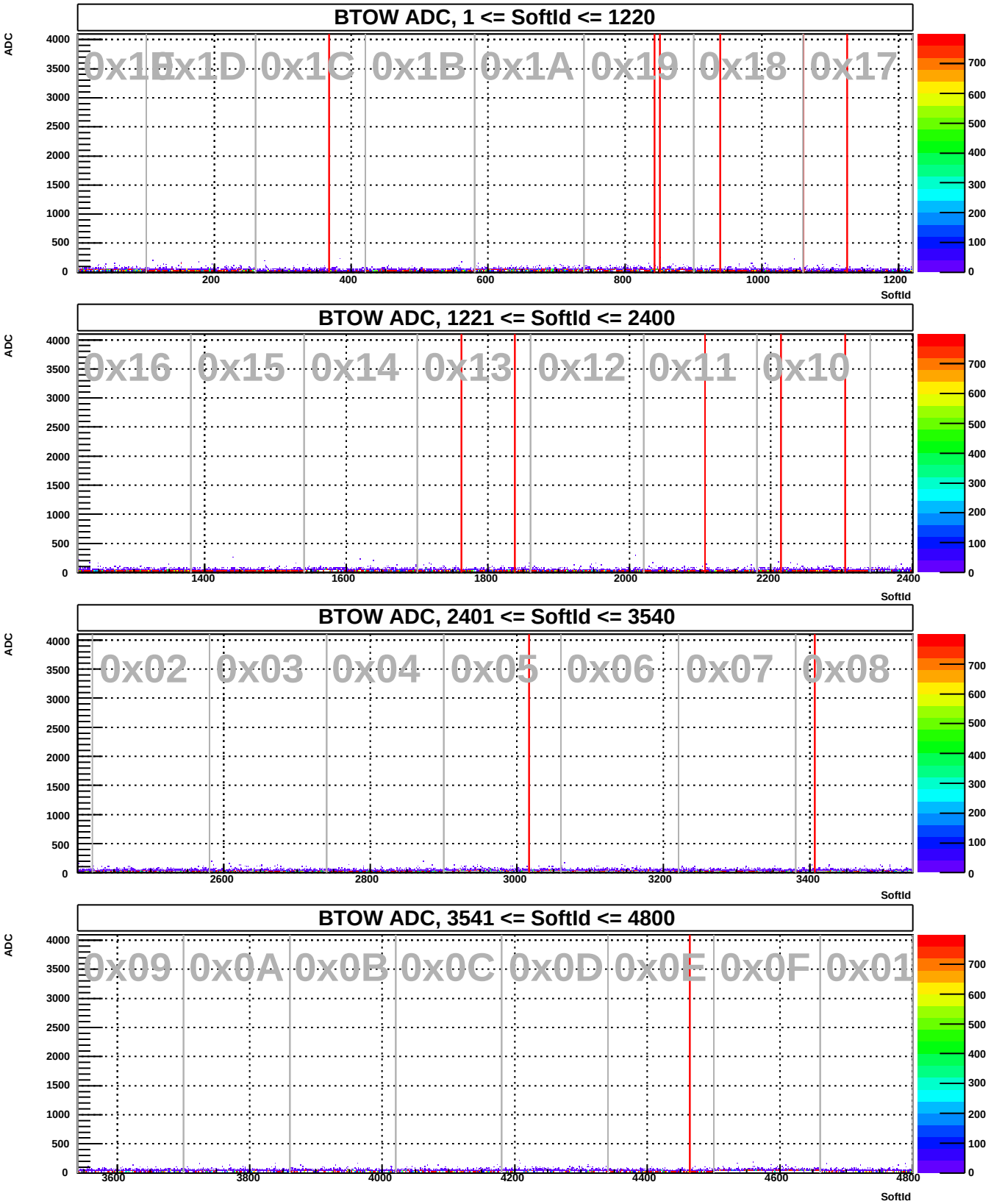

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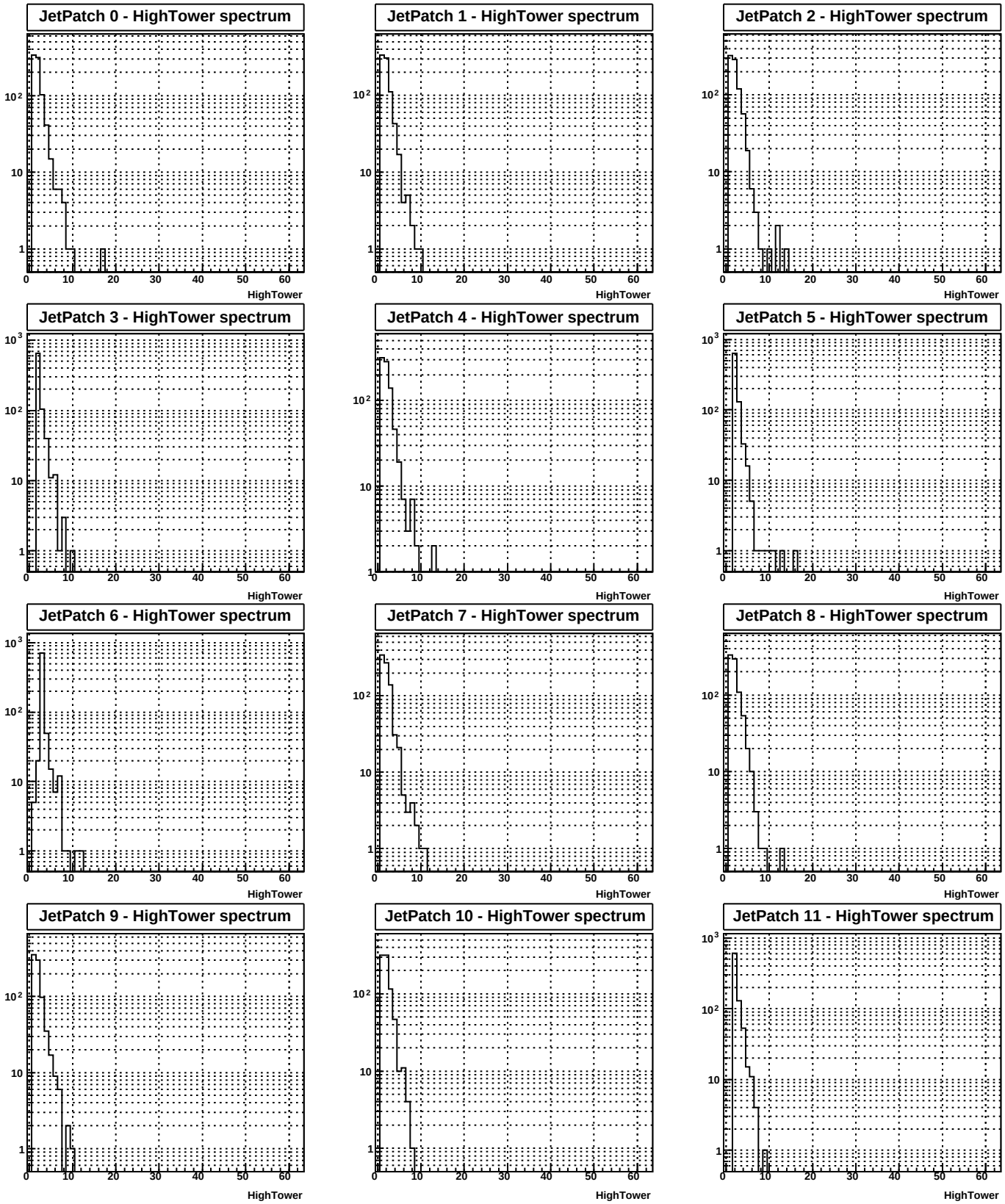

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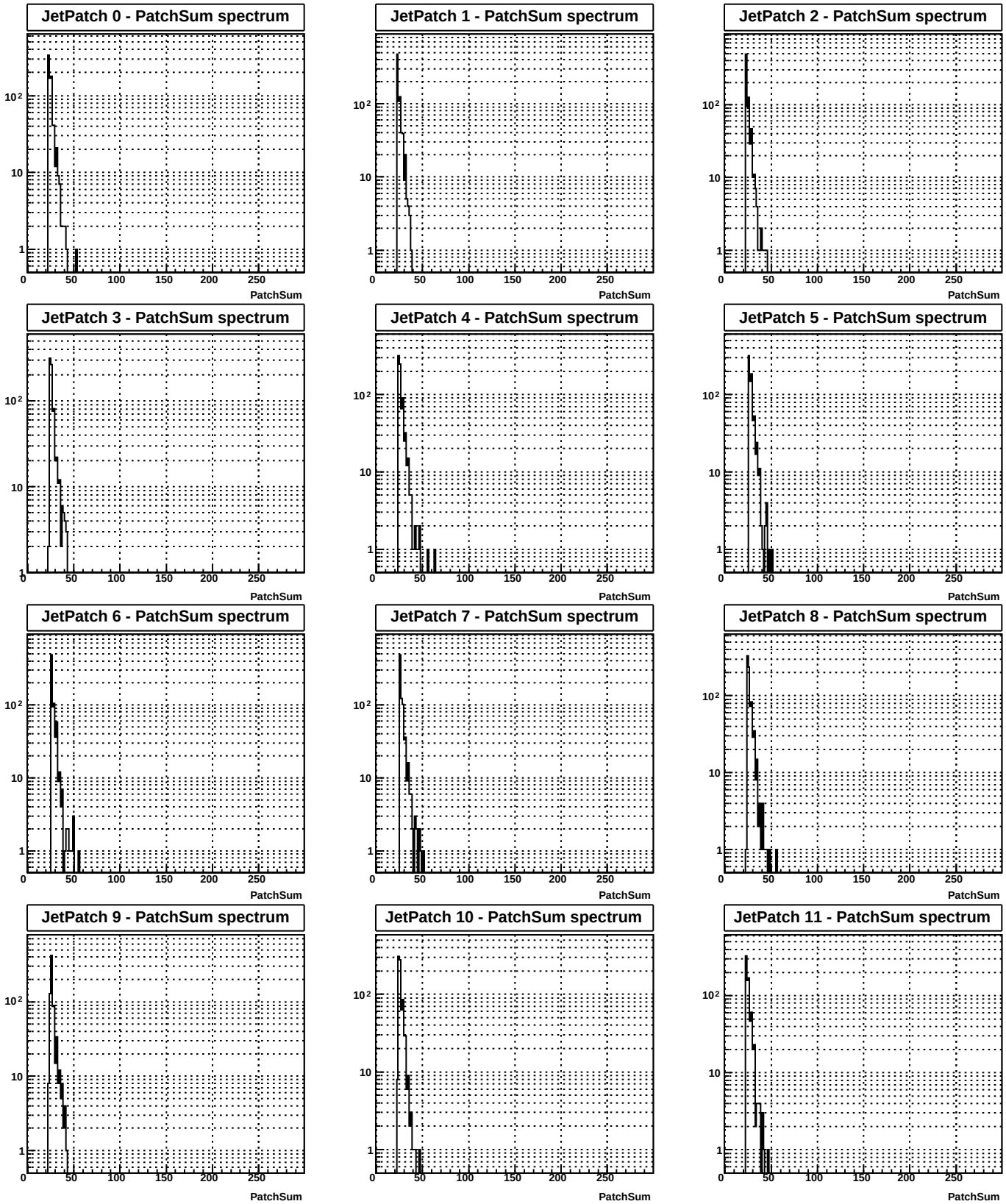

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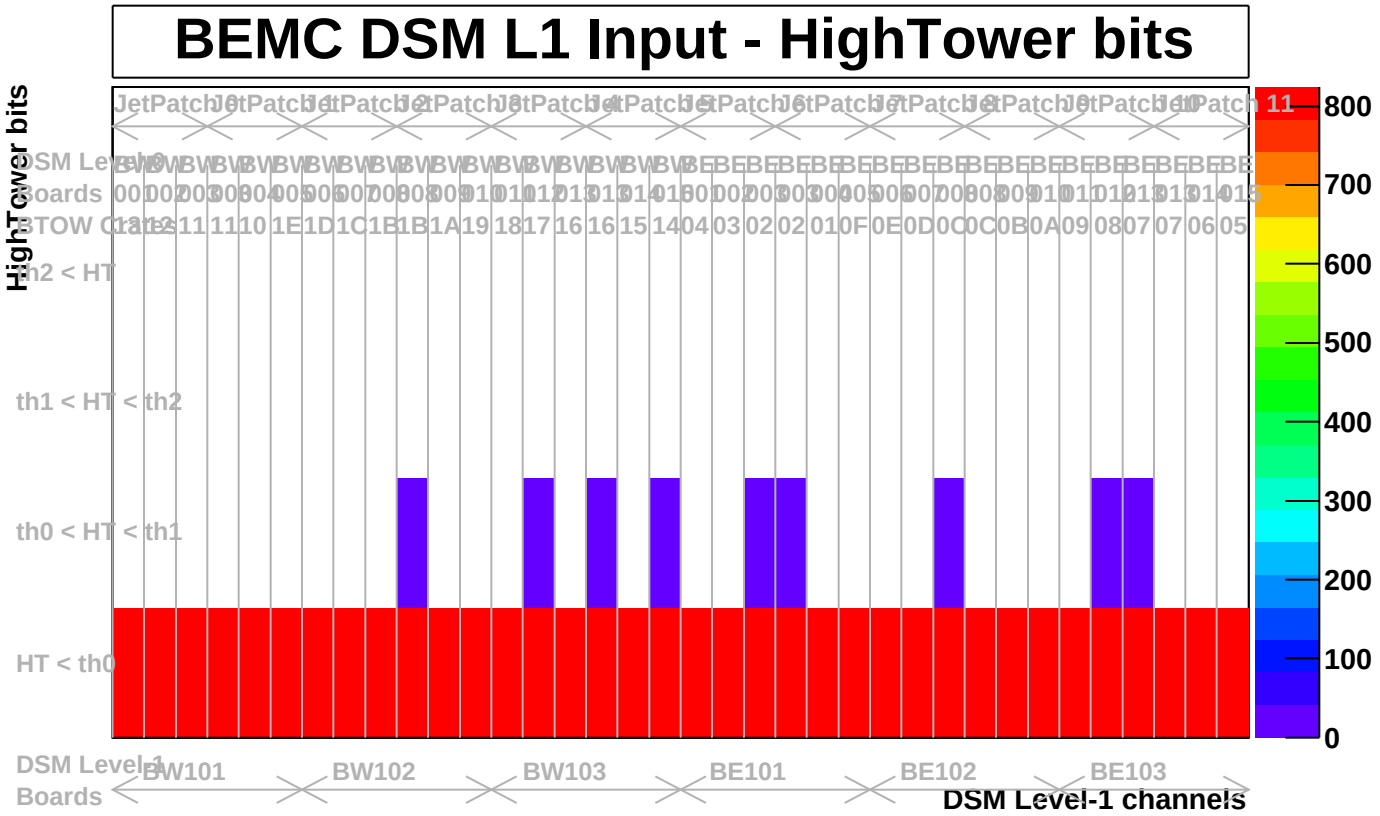

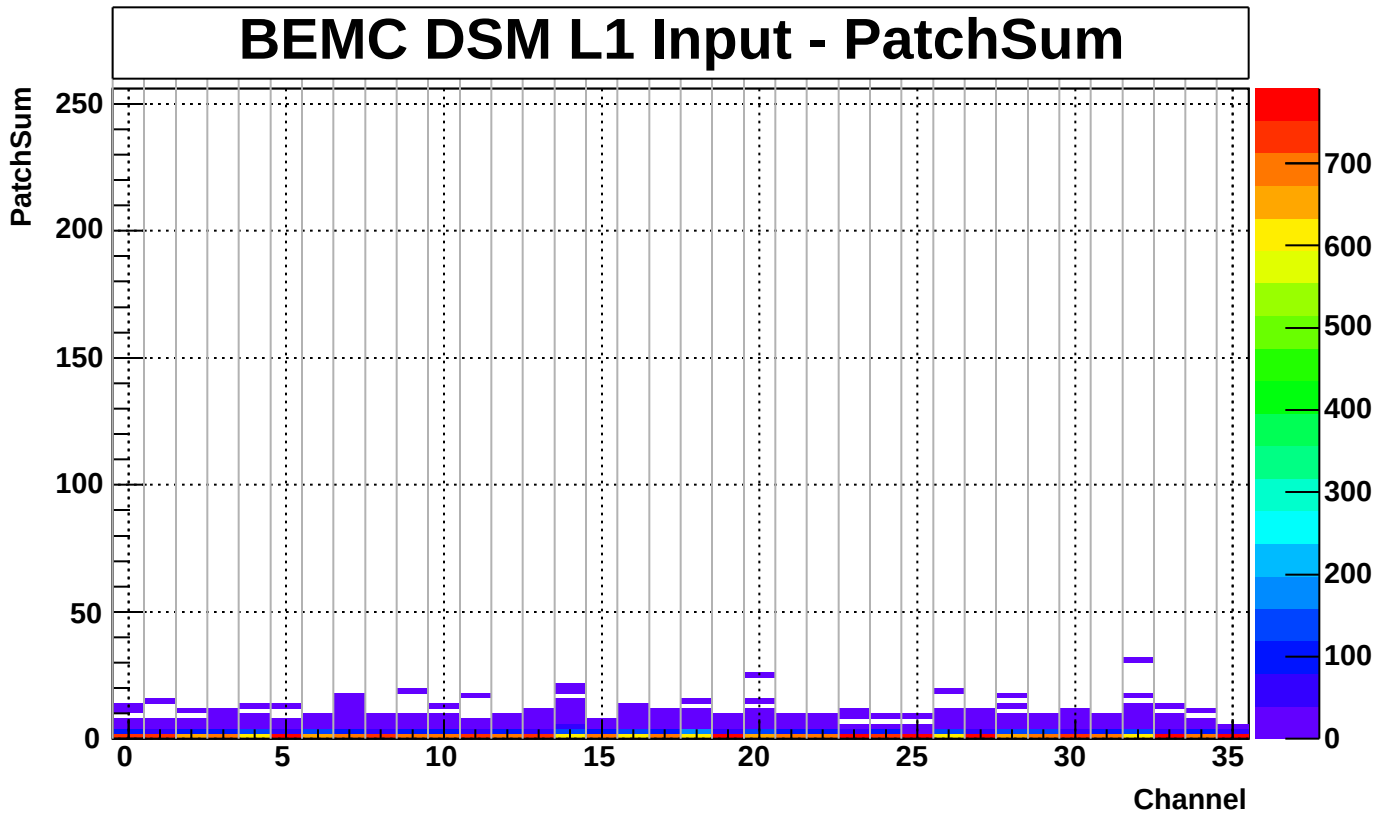

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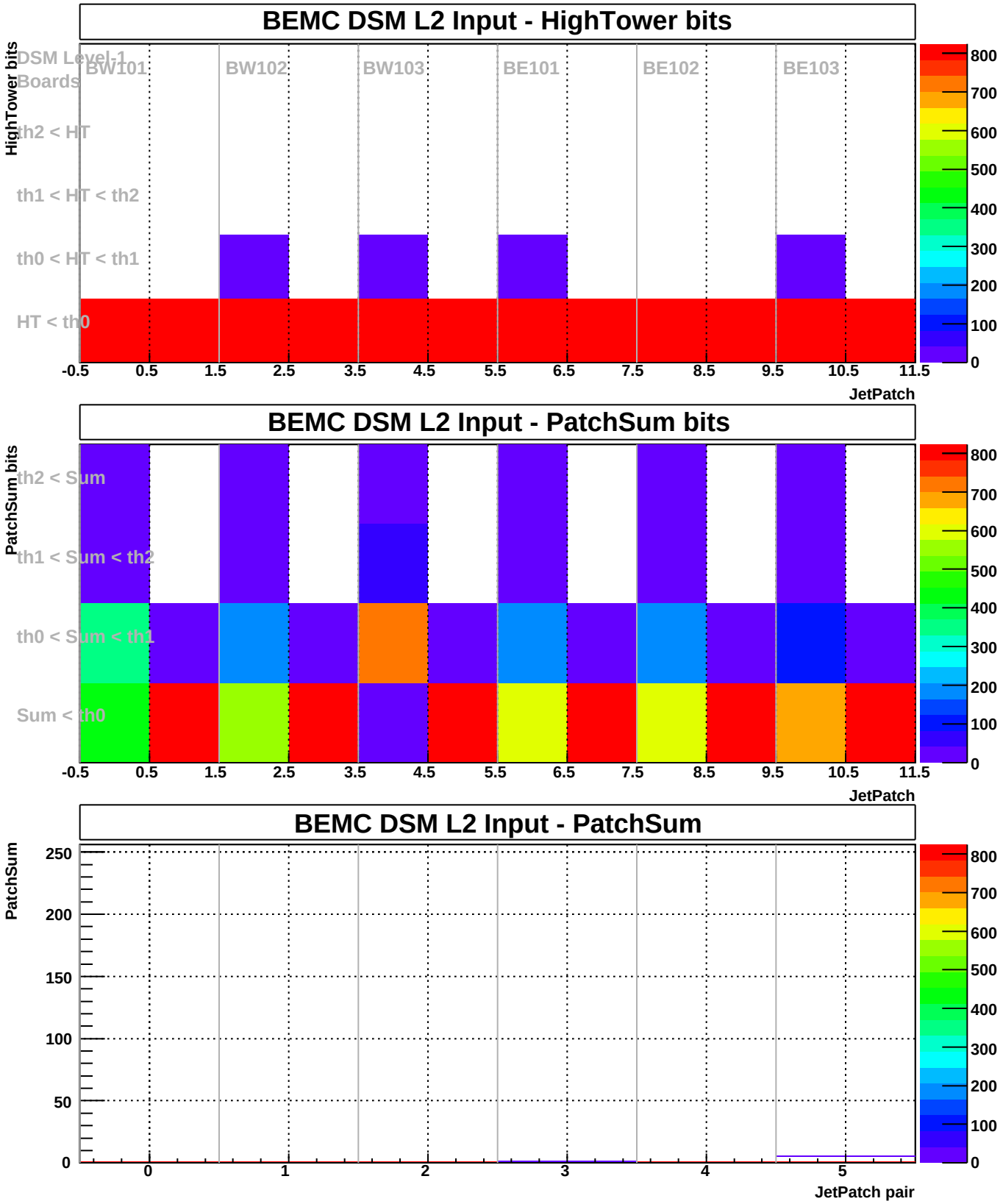

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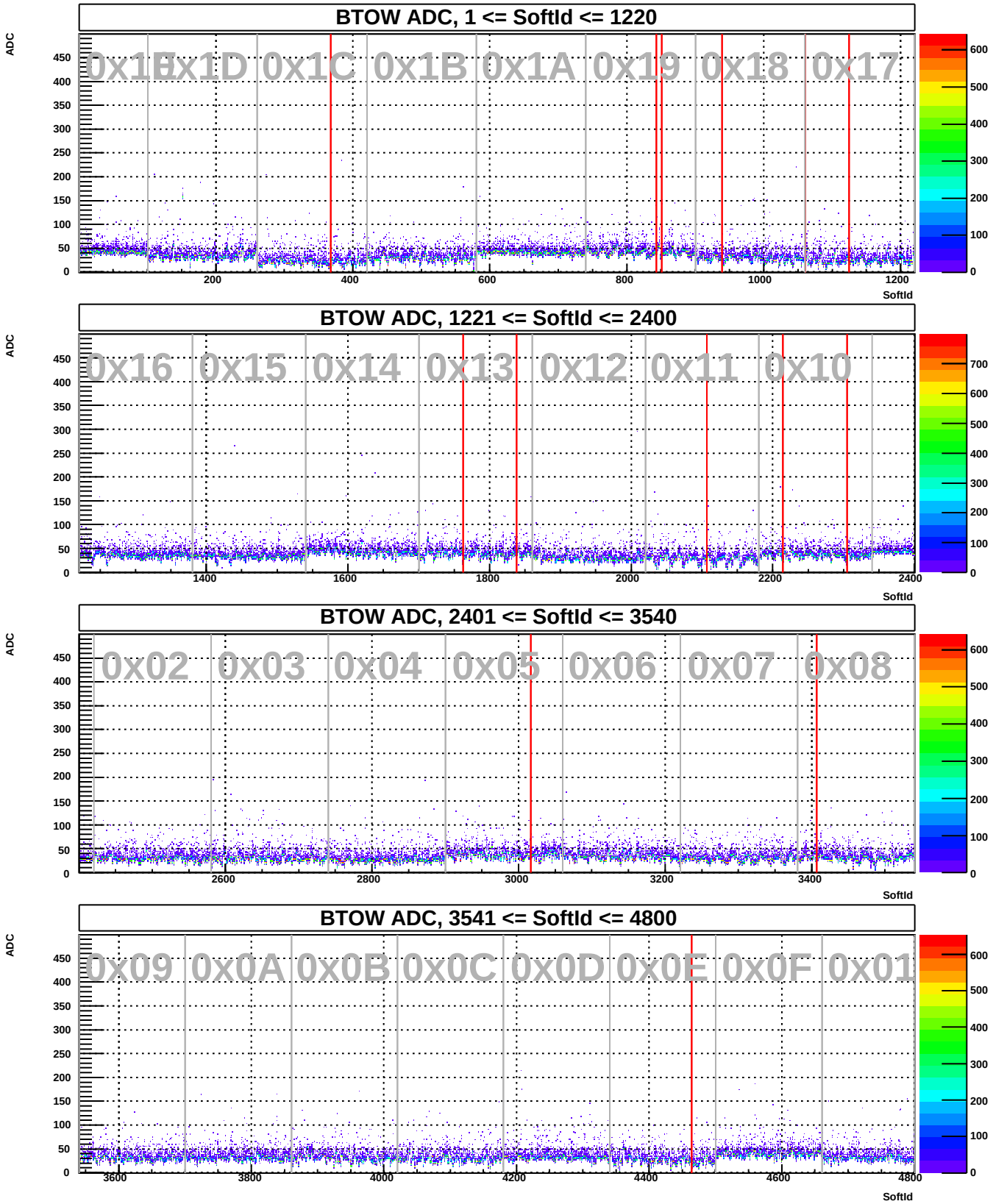

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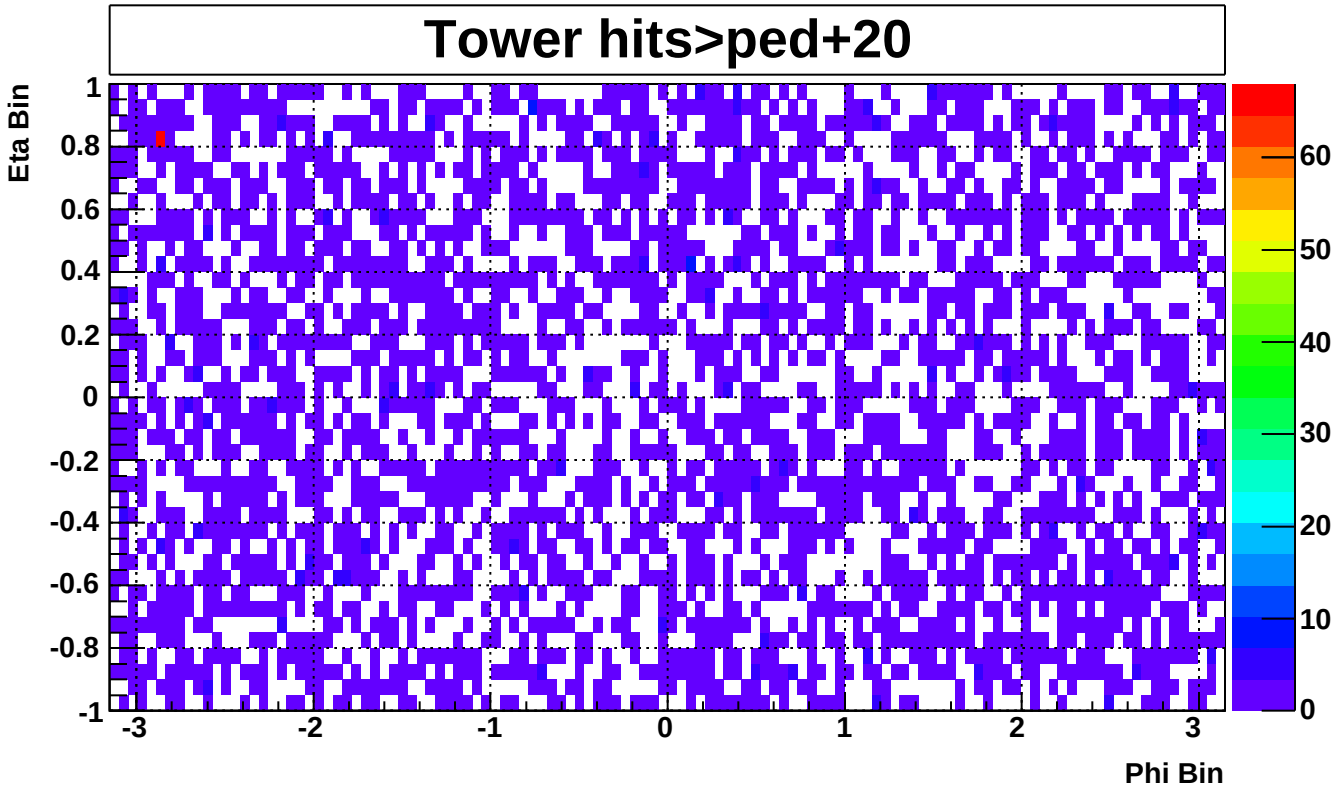

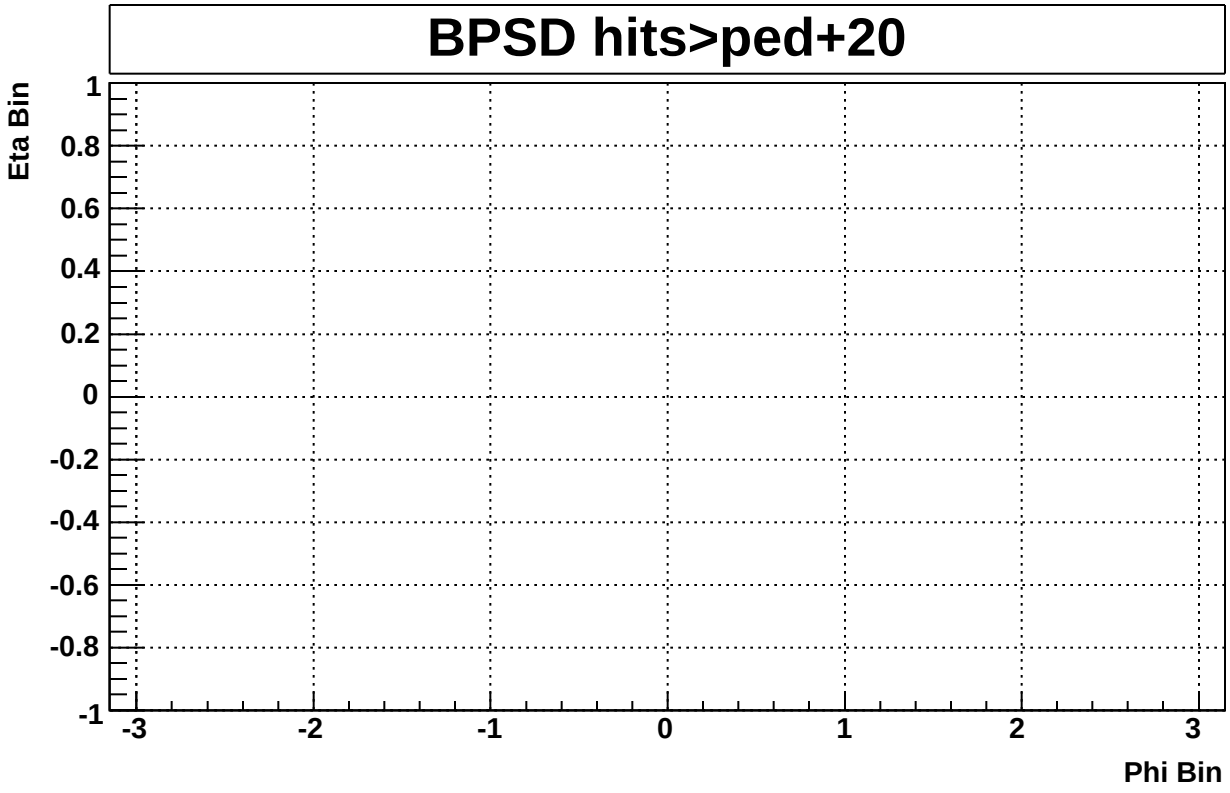

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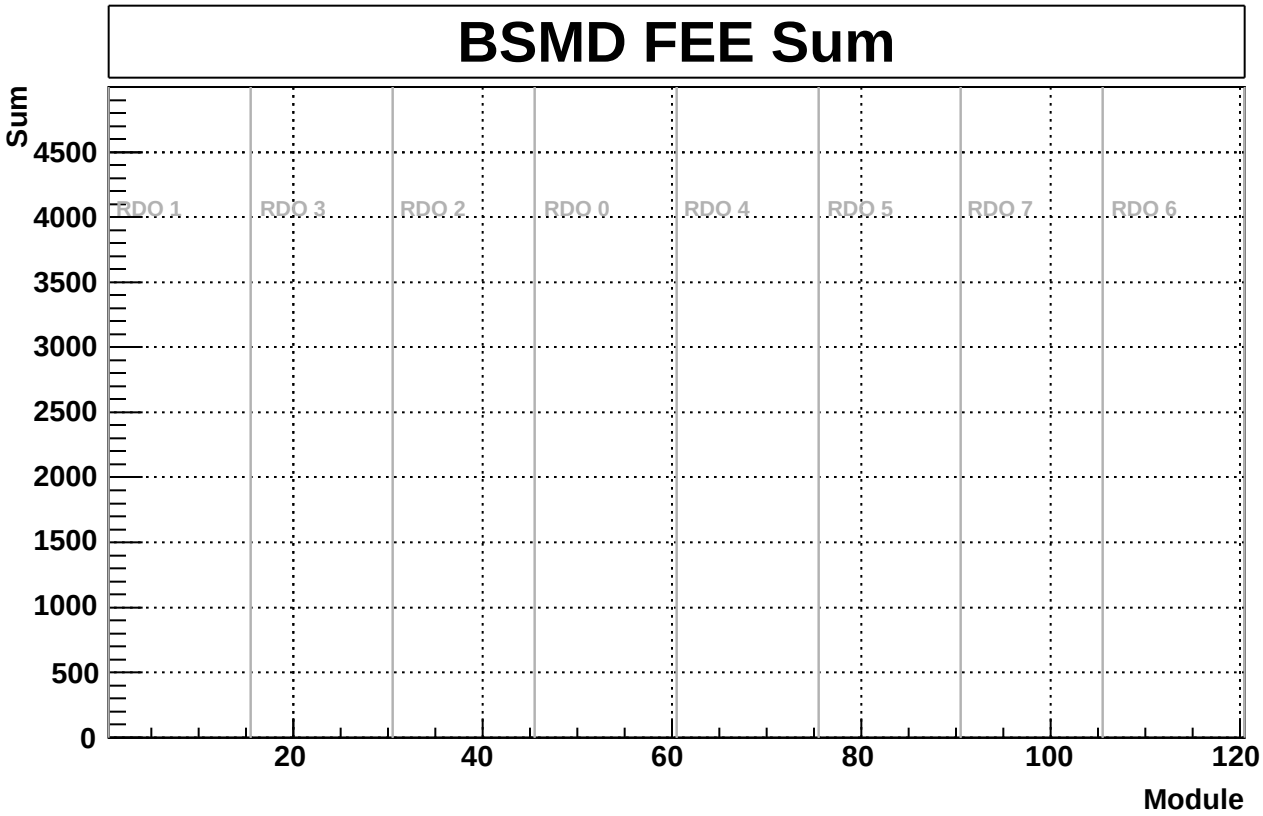

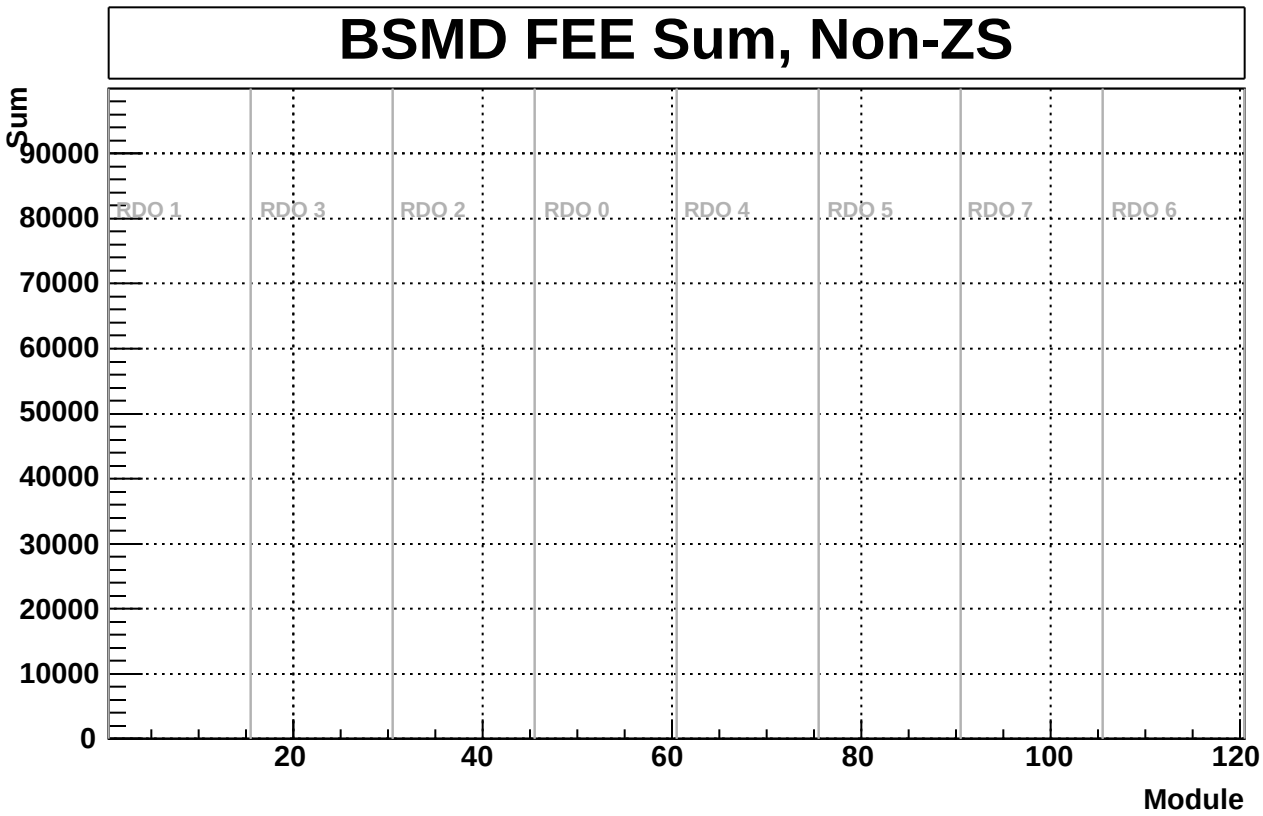

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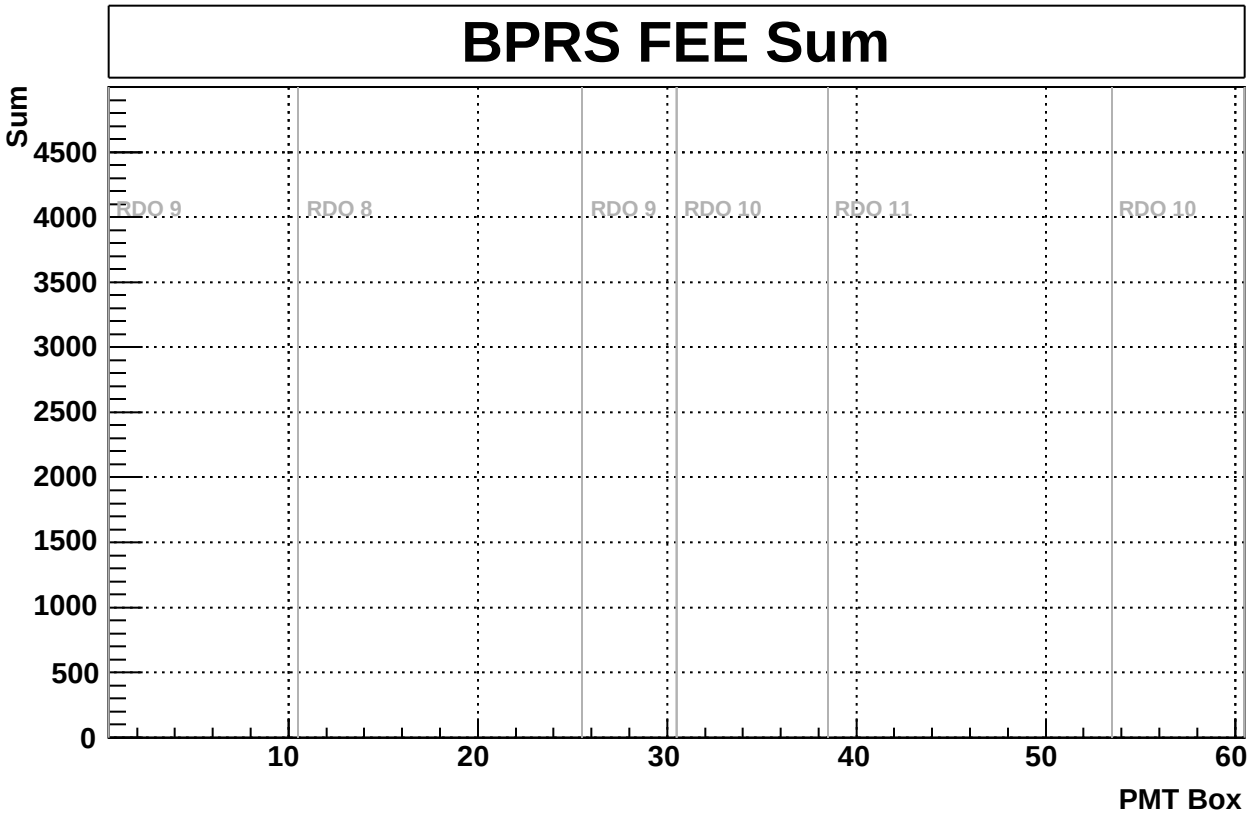

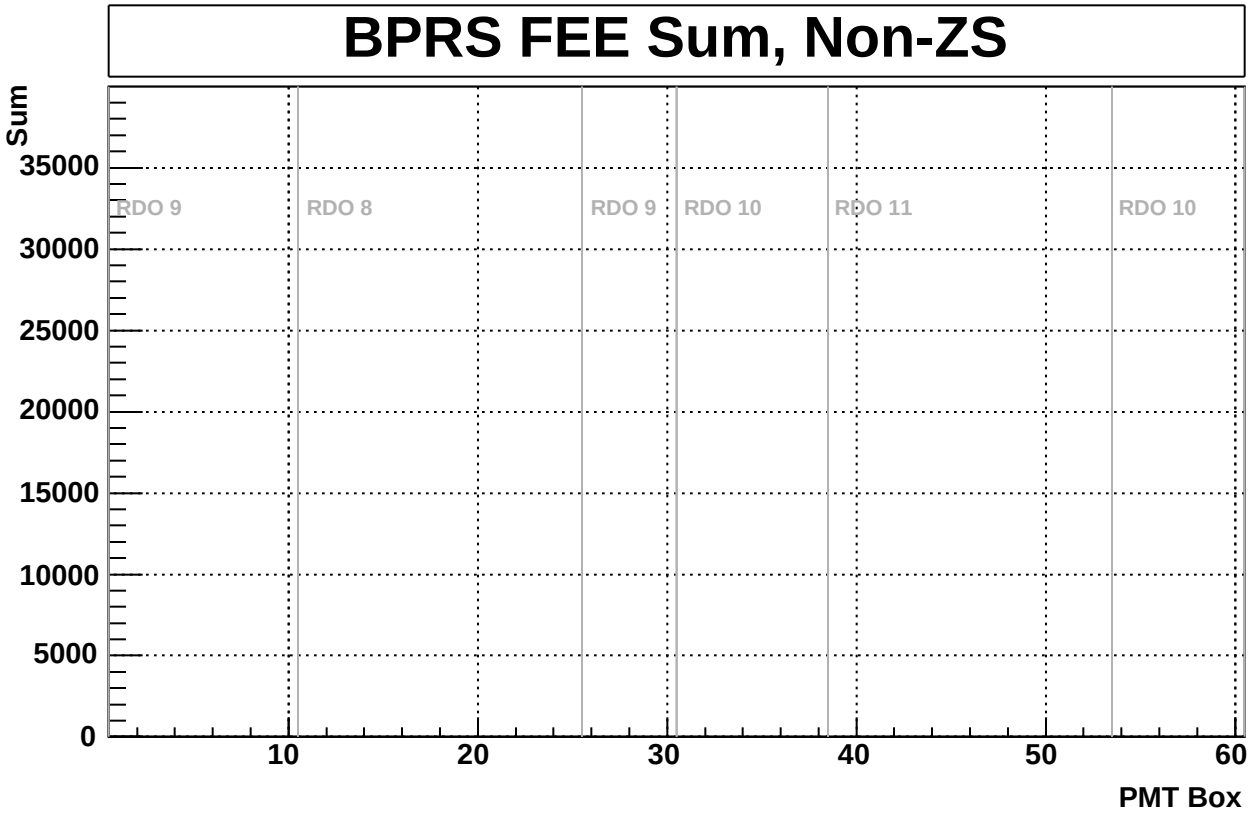

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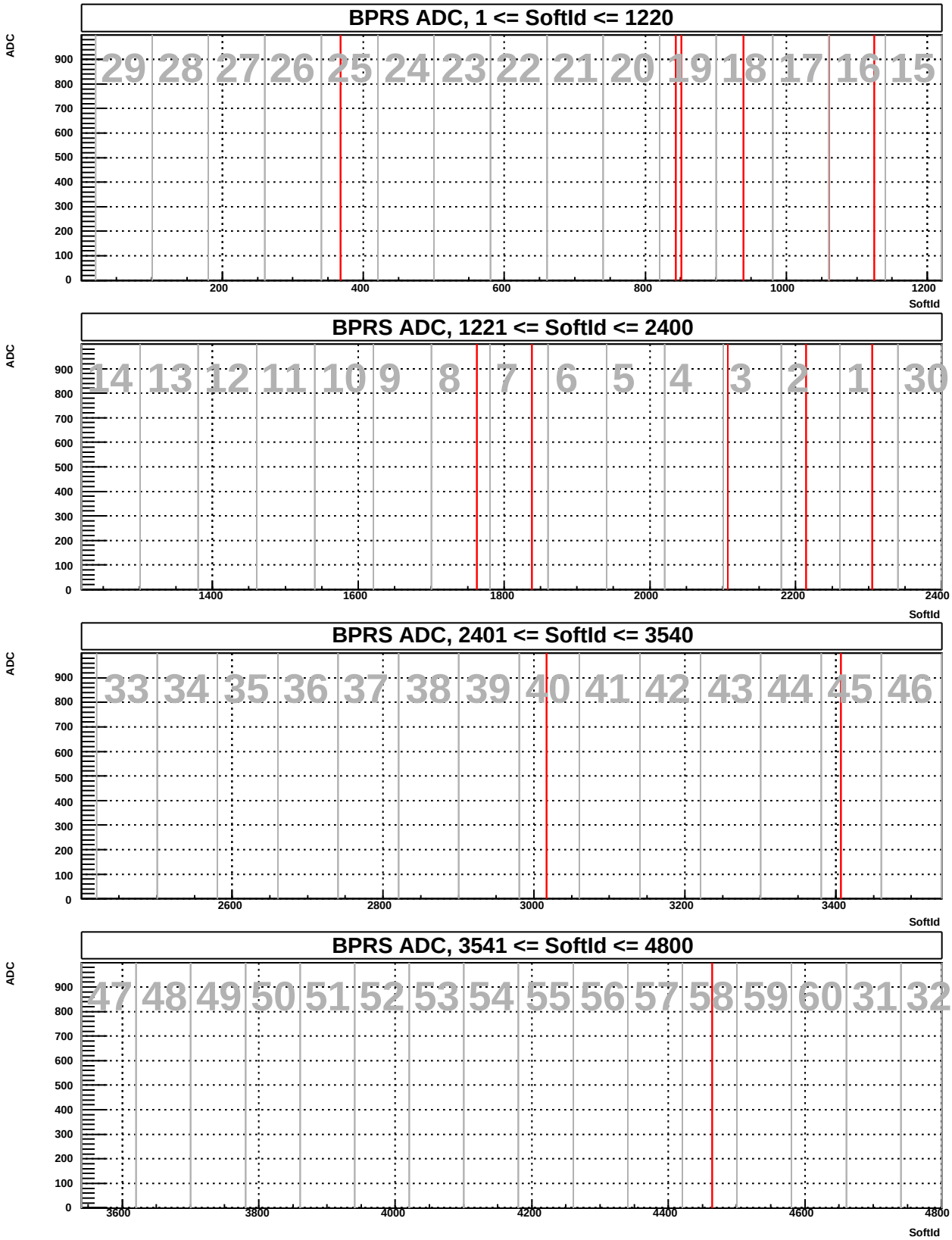

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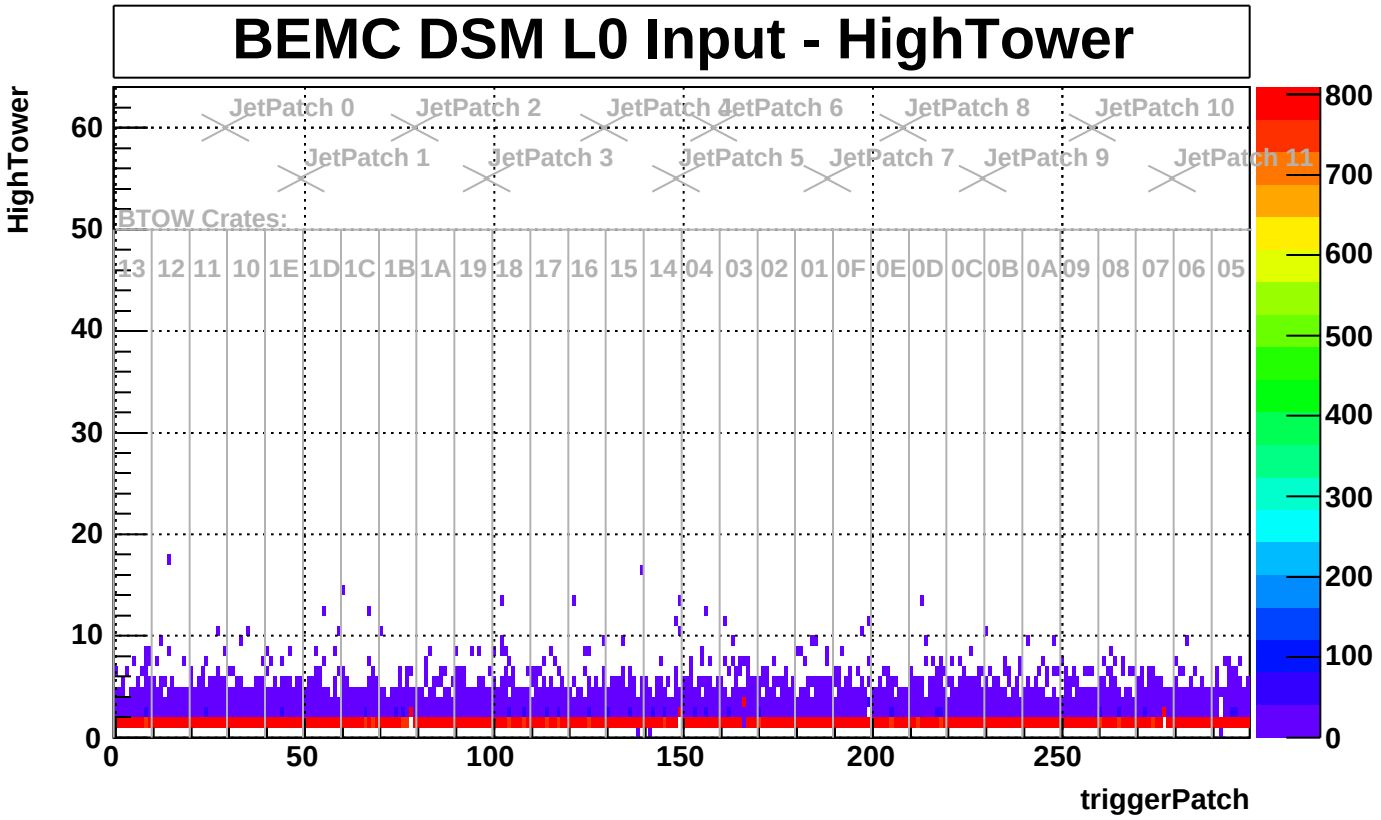

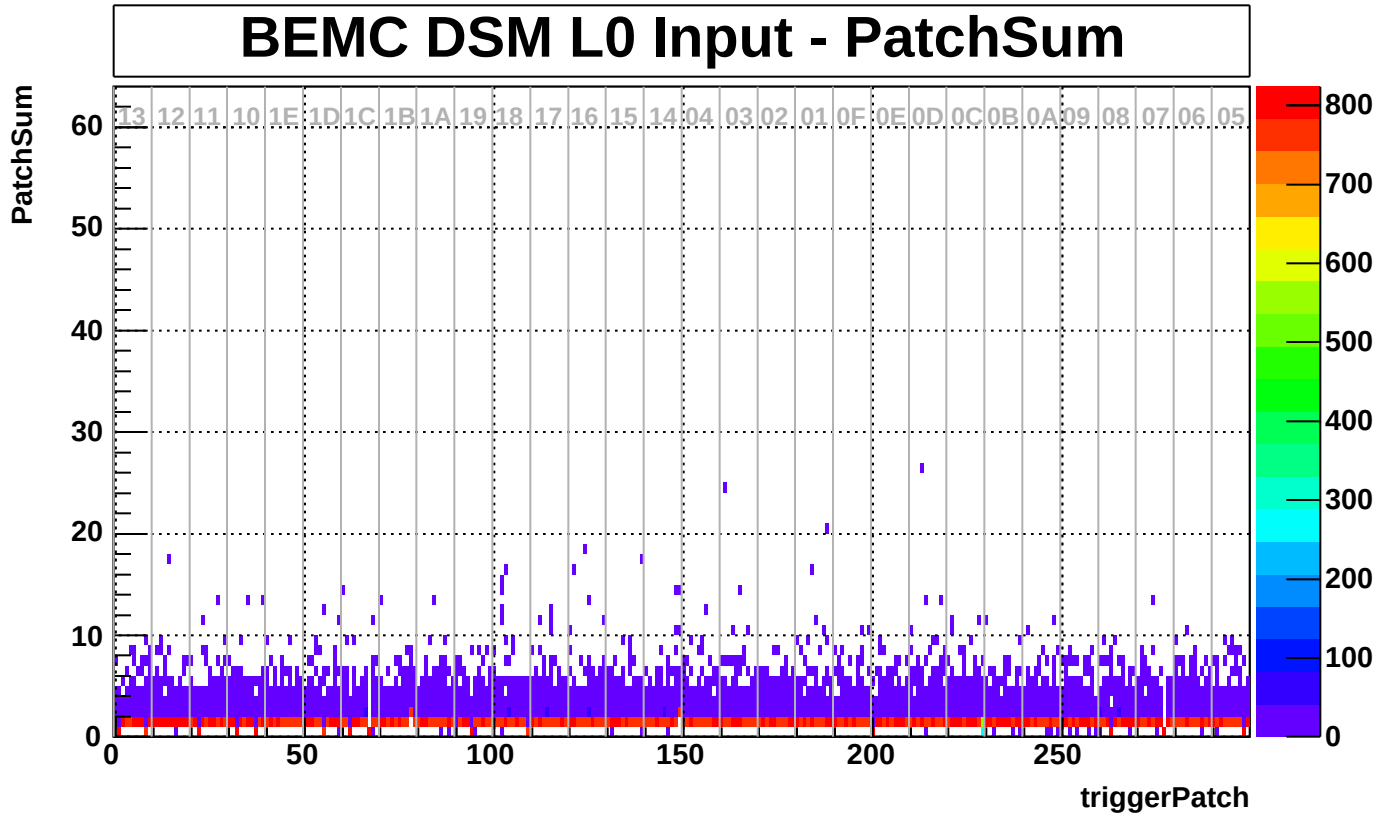

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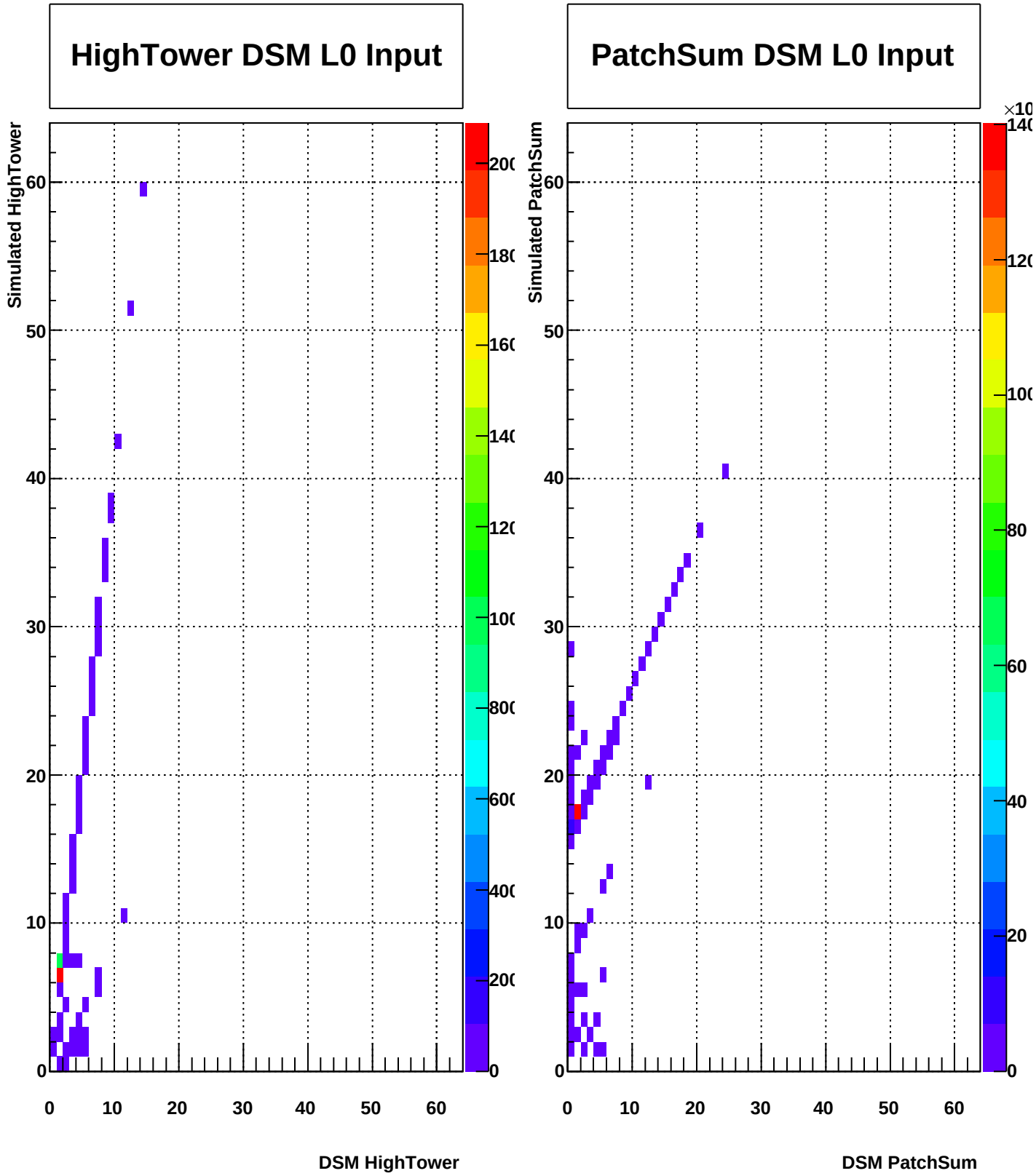

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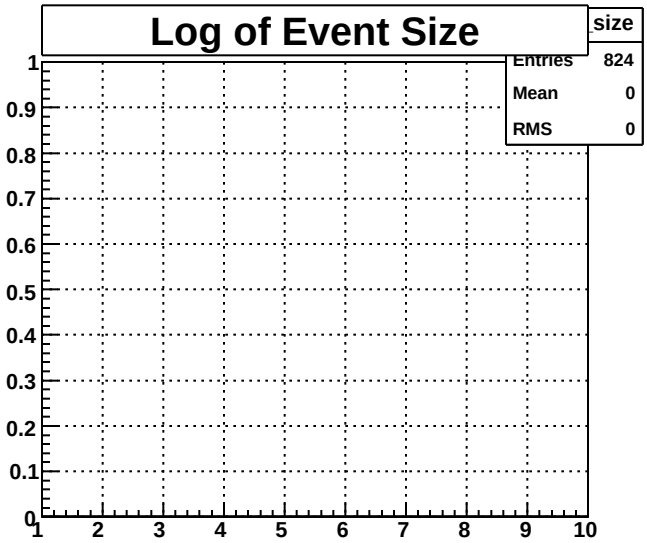
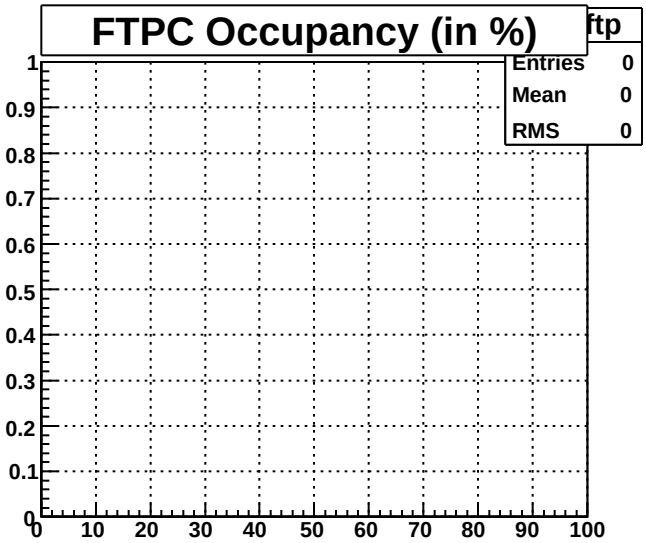
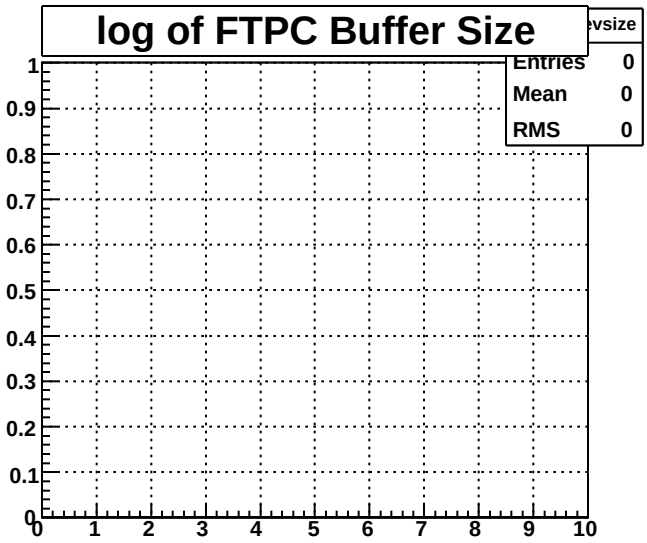
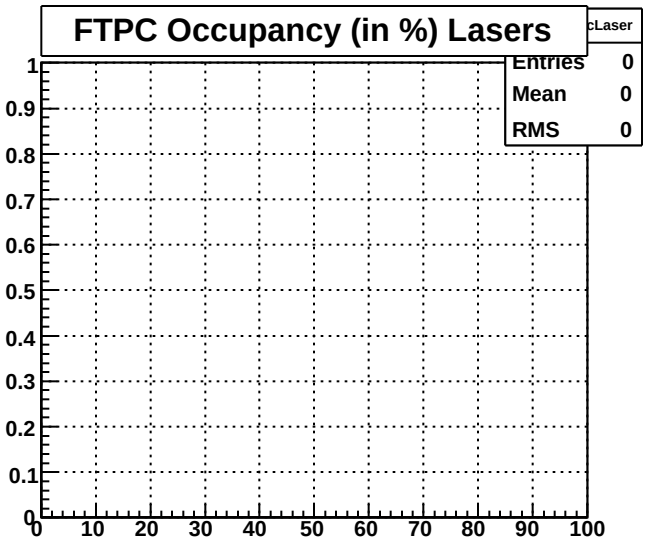
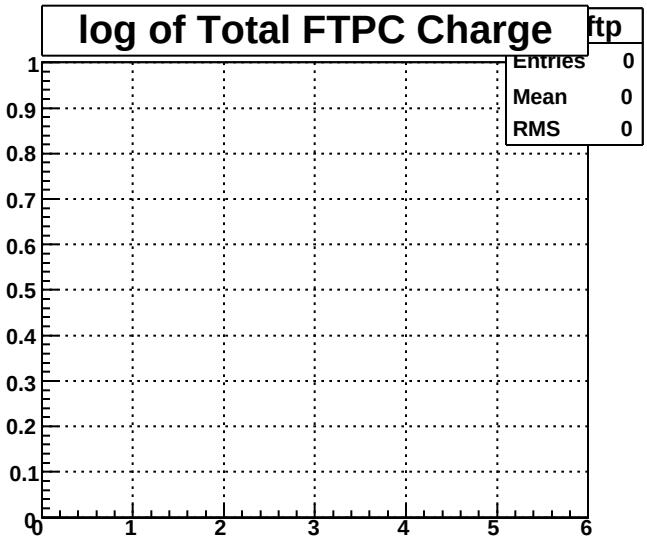
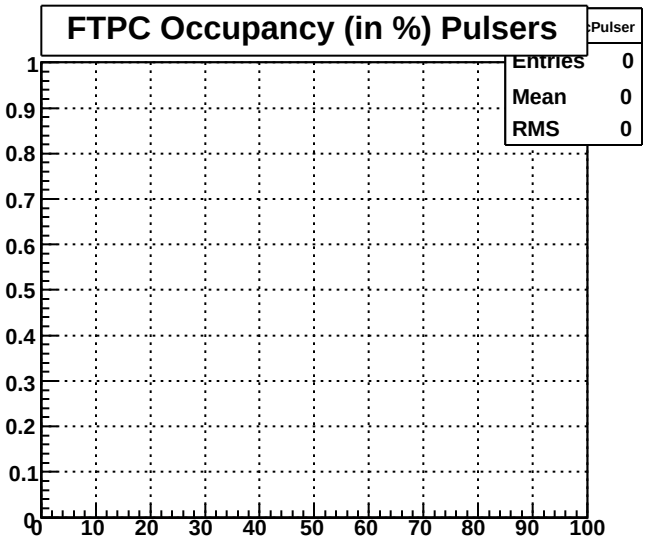

Log of Event Size
size
Entries 824
Mean 0
RMS 0

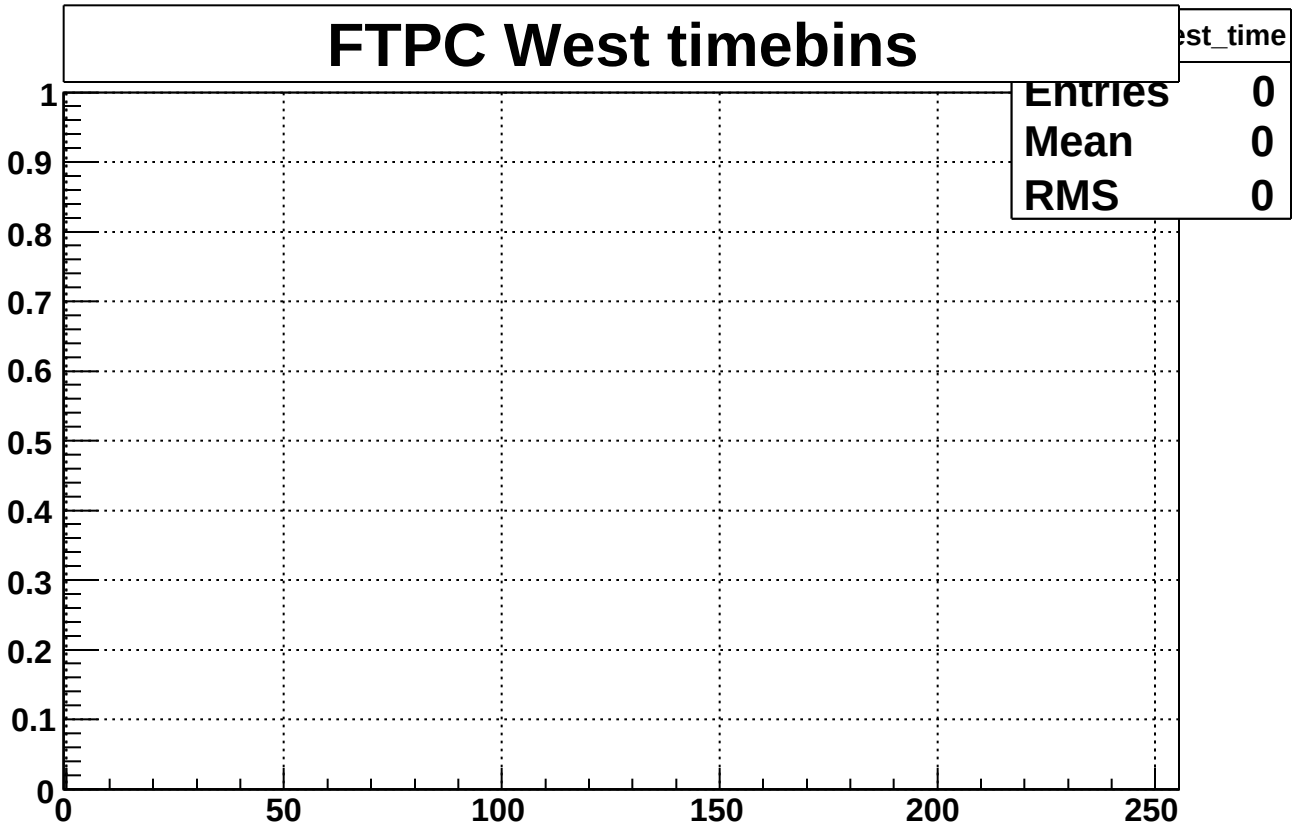

FTPC Occupancy (in %)
ftp
Entries 0
Mean 0
RMS 0

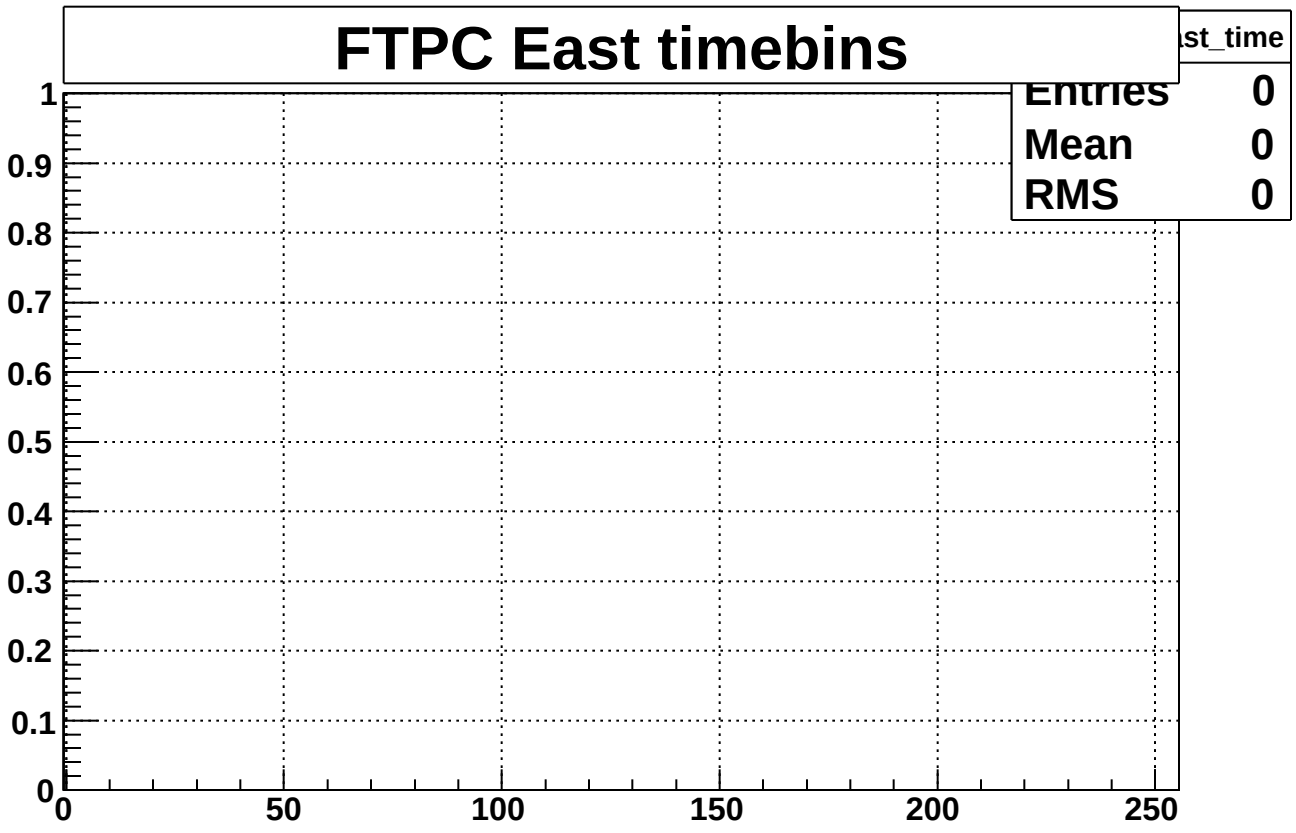

log of FTPC Buffer Size
evsize
Entries 0
Mean 0
RMS 0

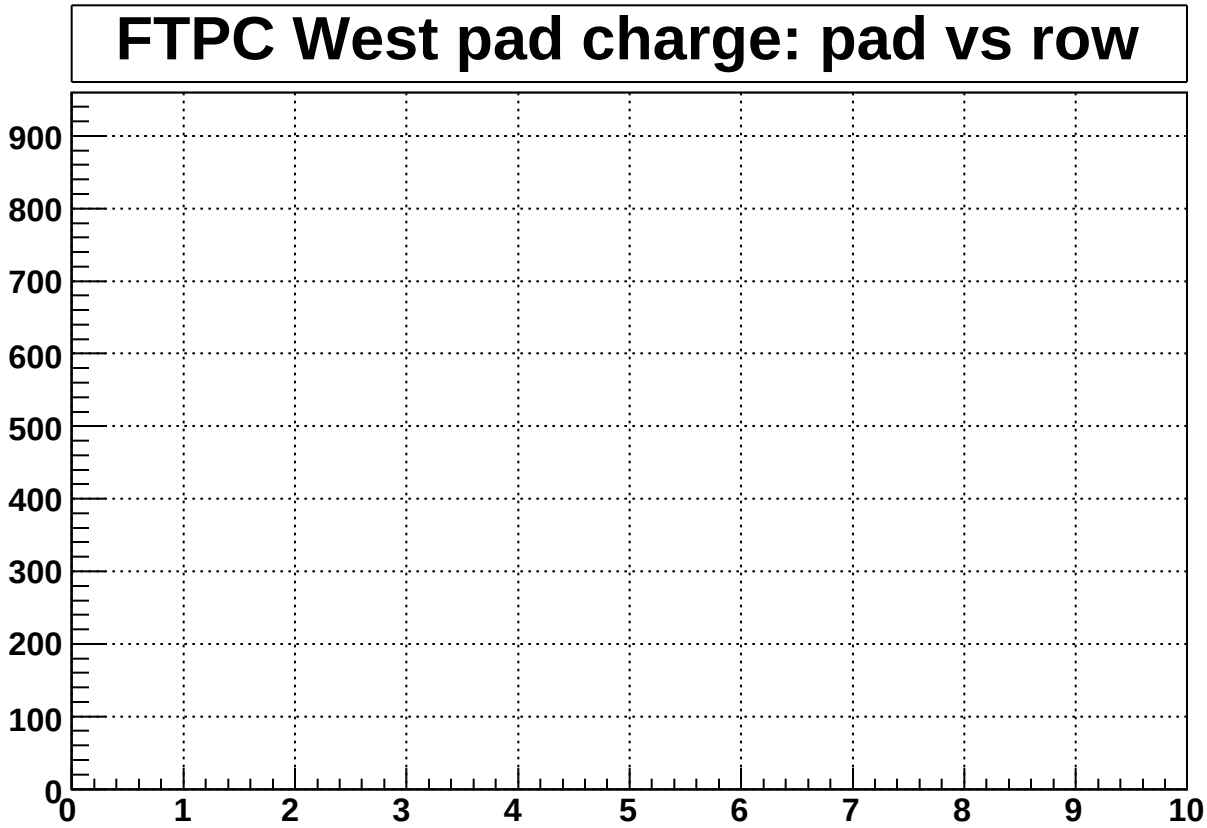

FTPC Occupancy (in %) Lasers
cLaser
Entries 0
Mean 0
RMS 0

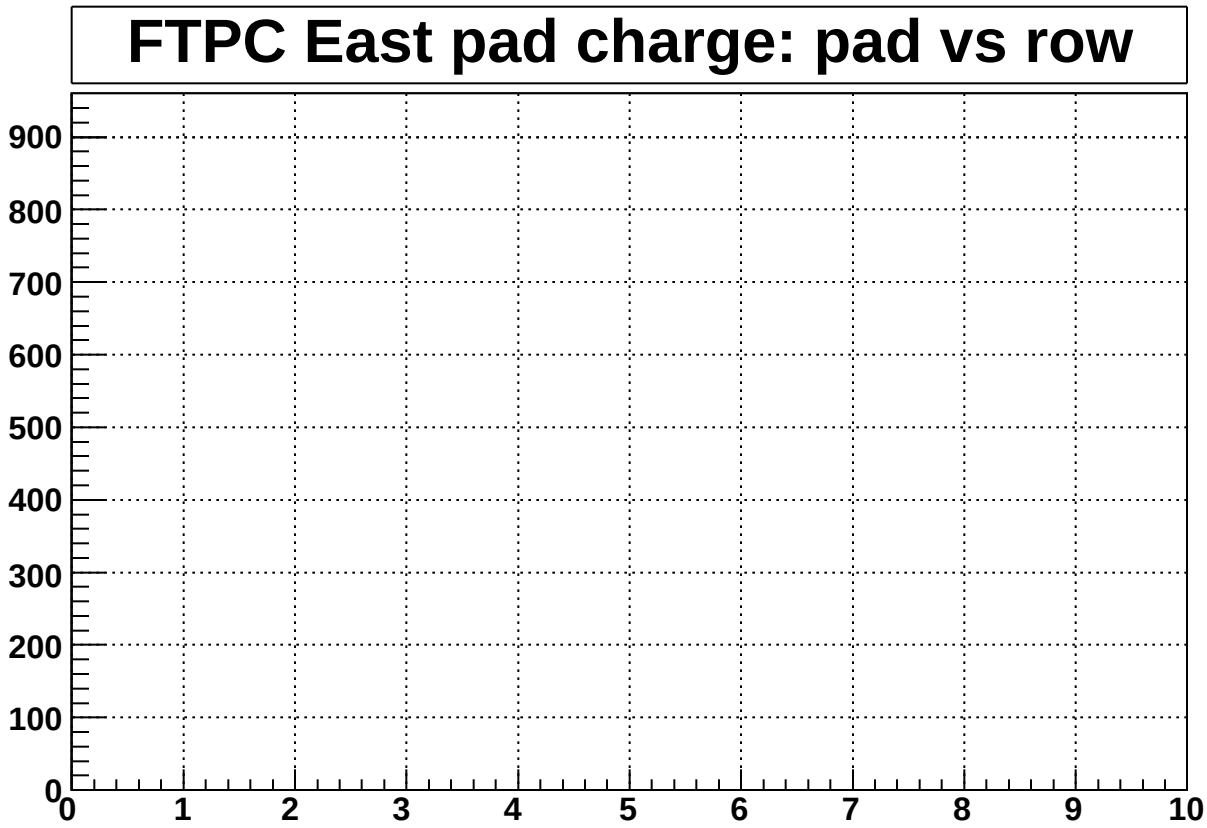

log of Total FTPC Charge
ftp
Entries 0
Mean 0
RMS 0

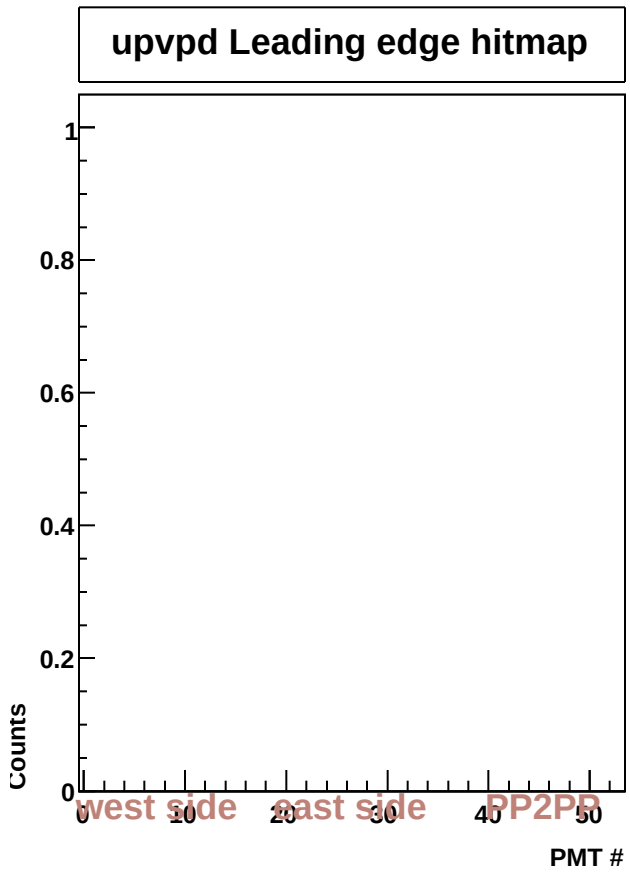

FTPC Occupancy (in %) Pulsers
cPulser
Entries 0
Mean 0
RMS 0

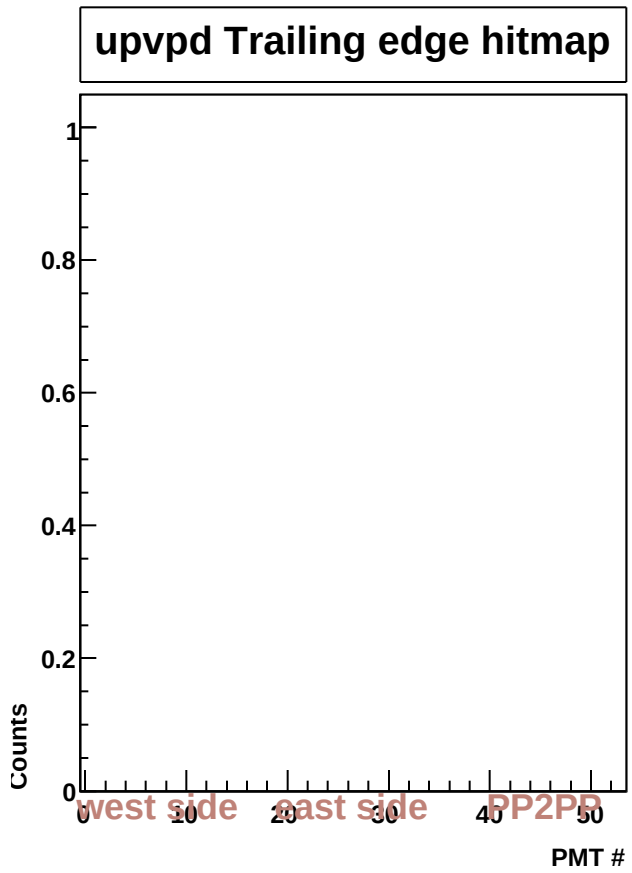

FTPC West timebins
est_time
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250

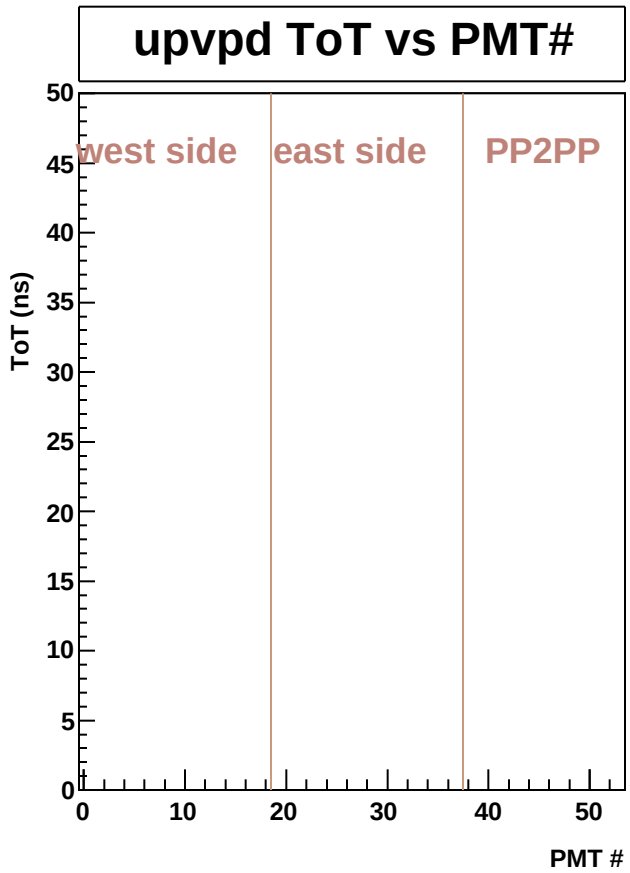

FTPC East timebins
st_time
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250

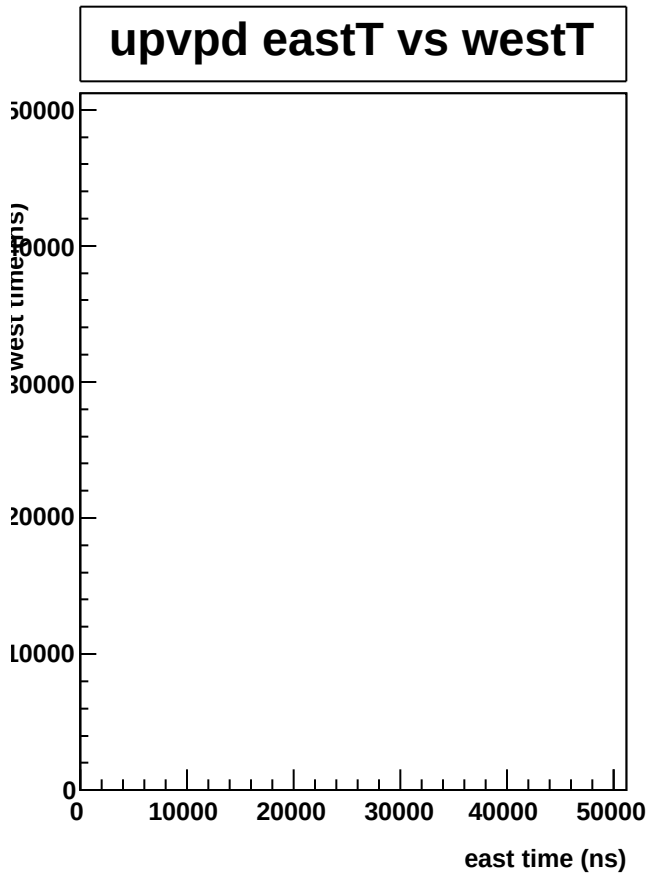

FTPC West pad charge: pad vs row
900
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10

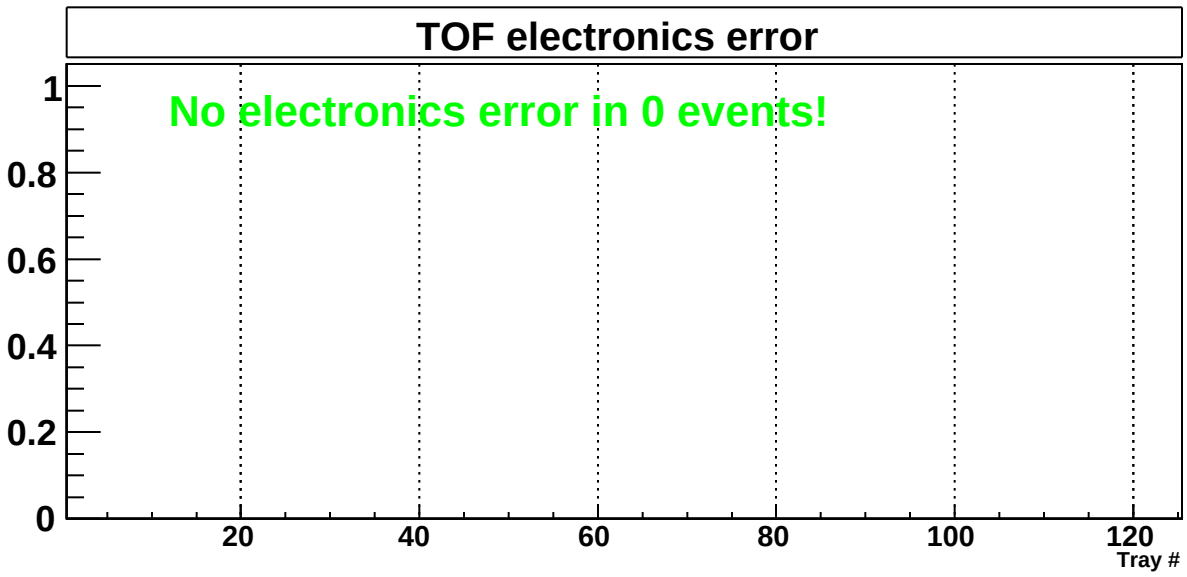

FTPC East pad charge: pad vs row
900
800
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
7
8
9
10

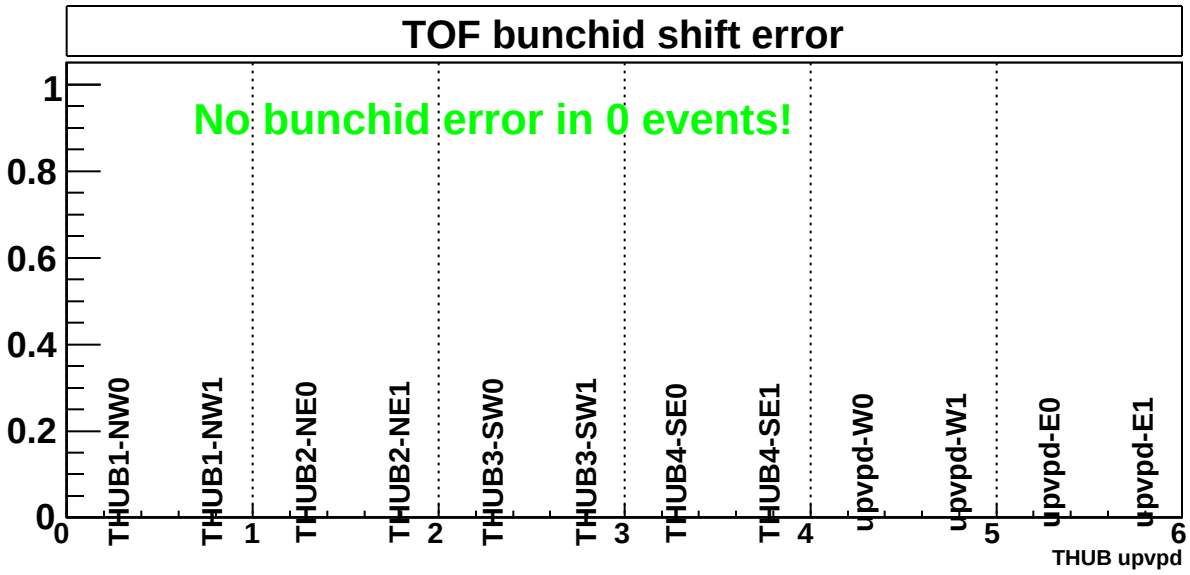

upvpd Leading edge hitmap
Counts
PMT #
west side
east side
PP2PP

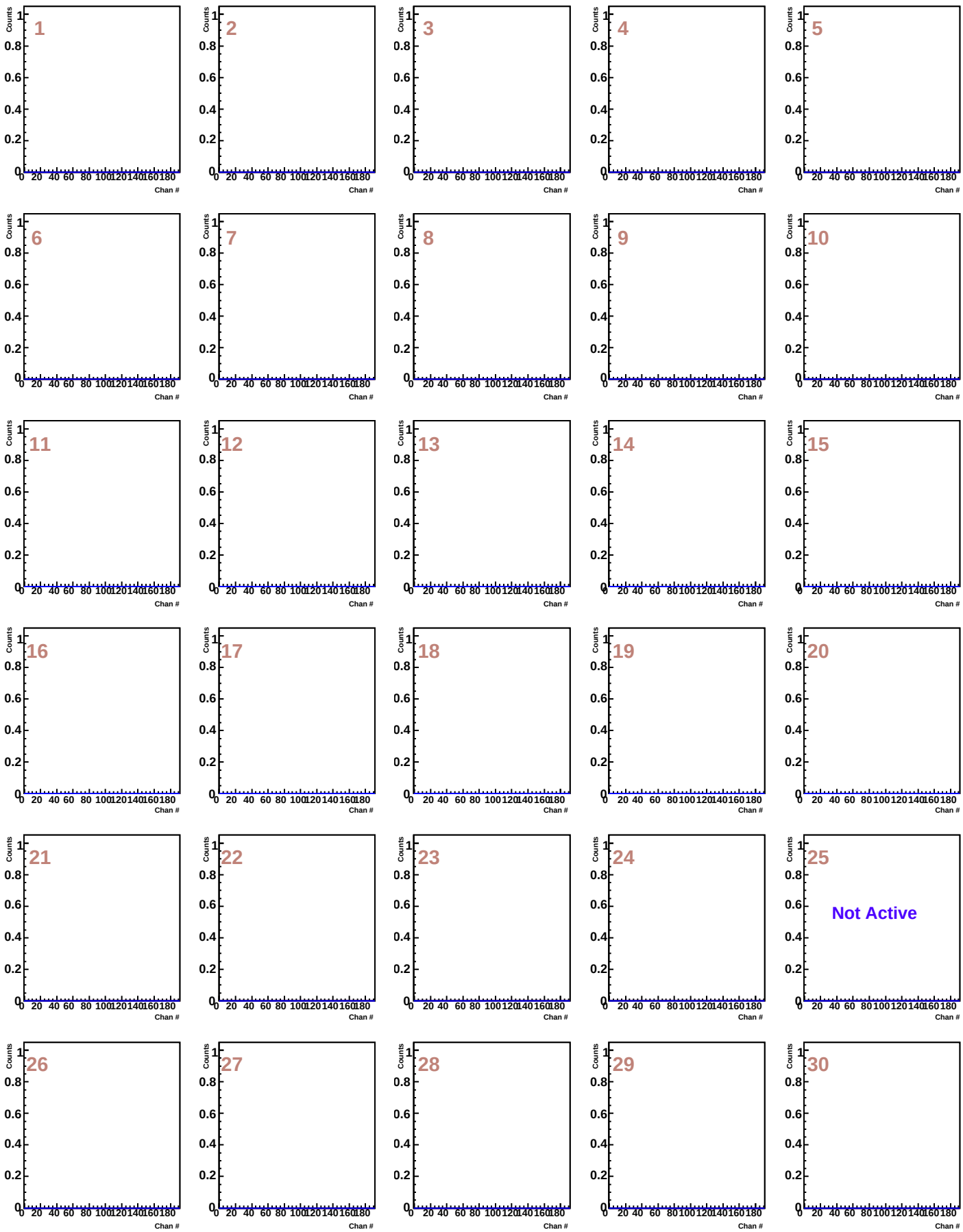

upvpd Trailing edge hitmap
Counts
PMT #
west side
east side
PP2PP


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


upvpd eastT vs westT
east time (ns)


TOF electronics error
No electronics error in 0 events!
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100
120
Tray #


TOF bunchid shift error
No bunchid error in 0 events!
1
0.8
0.6
0.4
0.2
0
THUB1-NW0
THUB1-NW1
THUB2-NE0
THUB2-NE1
THUB3-SW0
THUB3-SW1
THUB4-SE0
THUB4-SE1
upvpd-W0
upvpd-W1
upvpd-E0
upvpd-E1
0
1
2
3
4
5
6
THUB upvpd


1
2
3
4
5
6
7
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11
12
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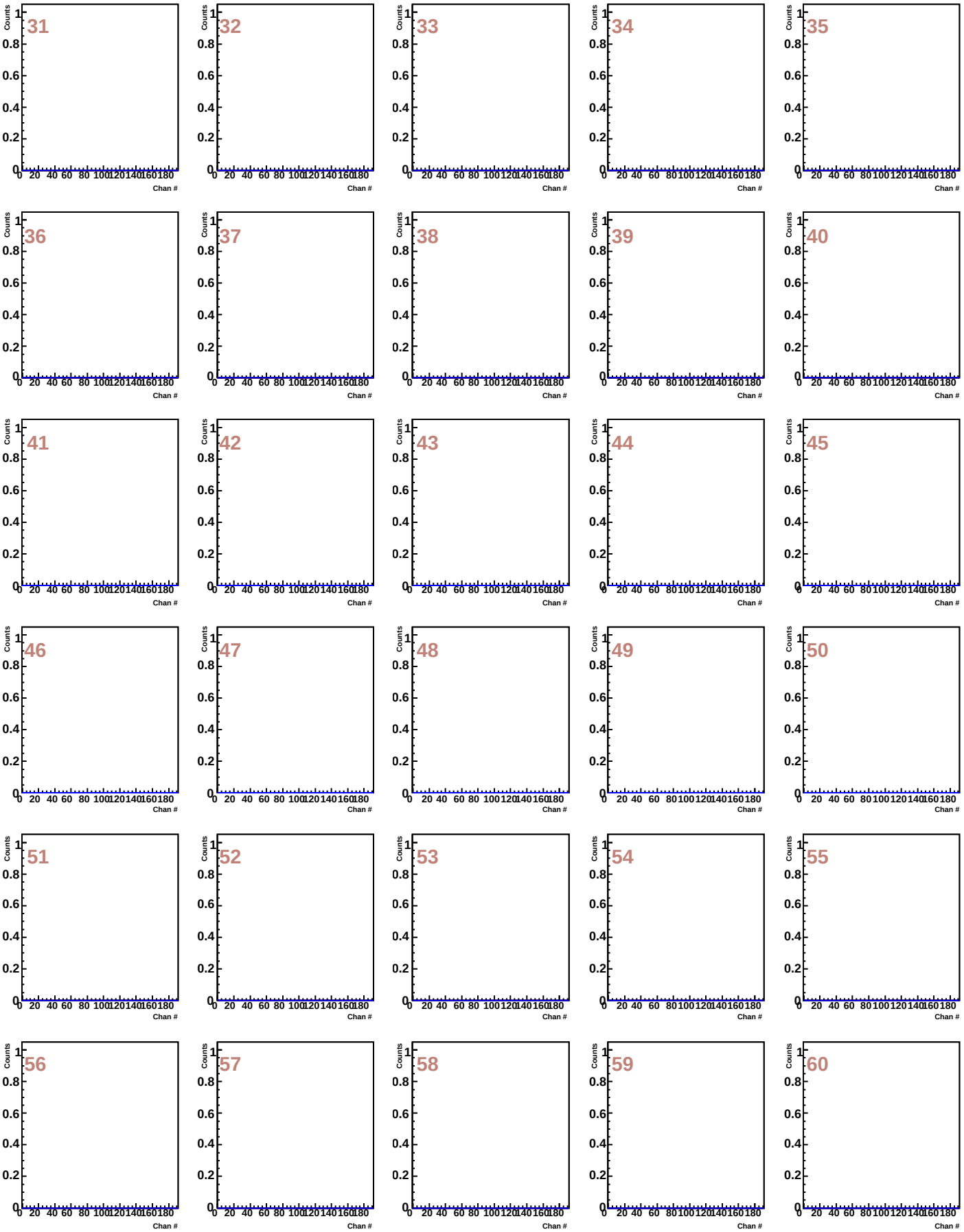
14
15
16
17
18
19
20
21
22
23
24
25
Not Active
26
27
28
29
30
Counts
Chan #


31
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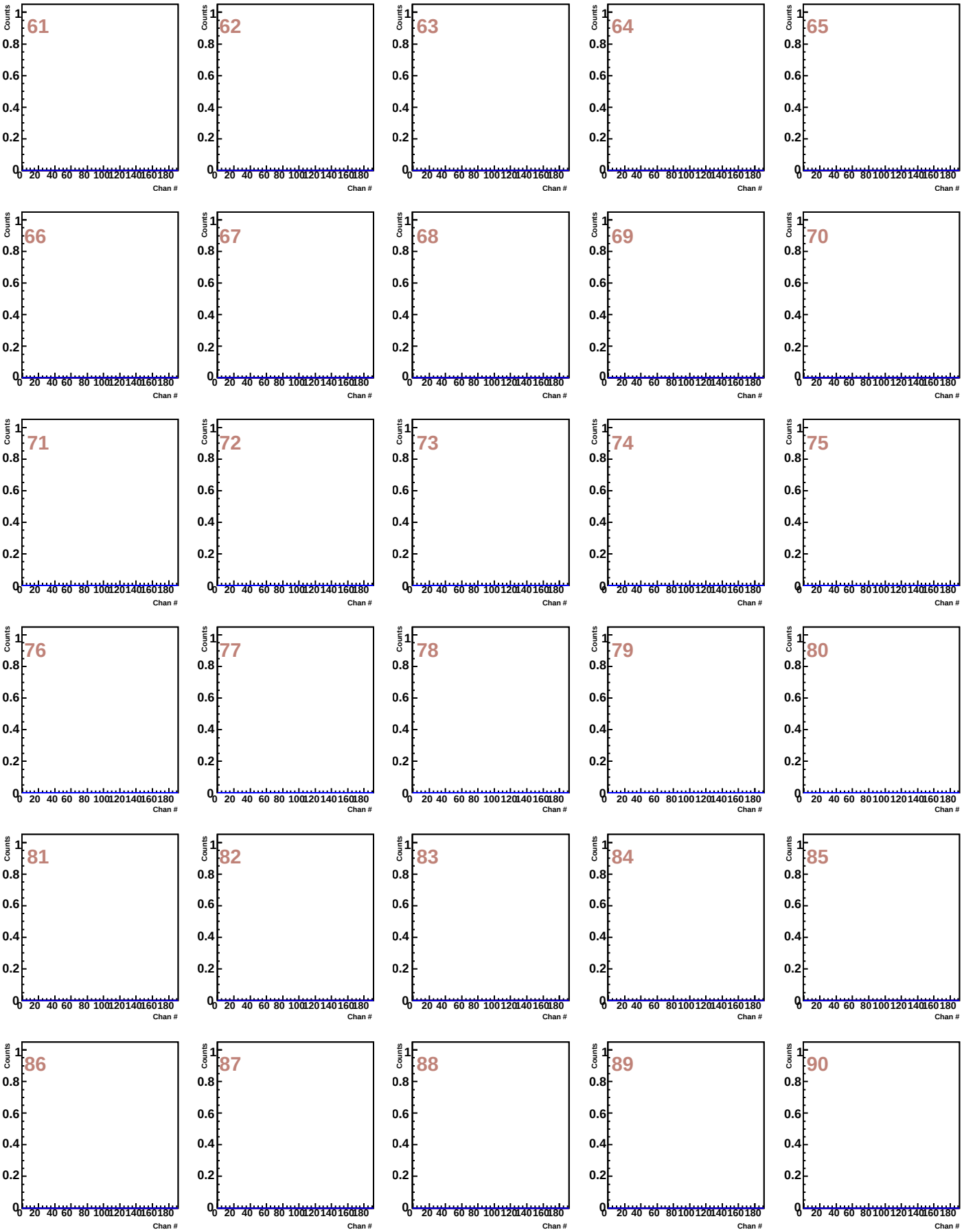
51
52
53
54
55
56
57
58
59
60
Counts
Chan #
0
0.2
0.4
0.6
0.8
1
0 20 40 60 80 100 120 140 160 180


61
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81
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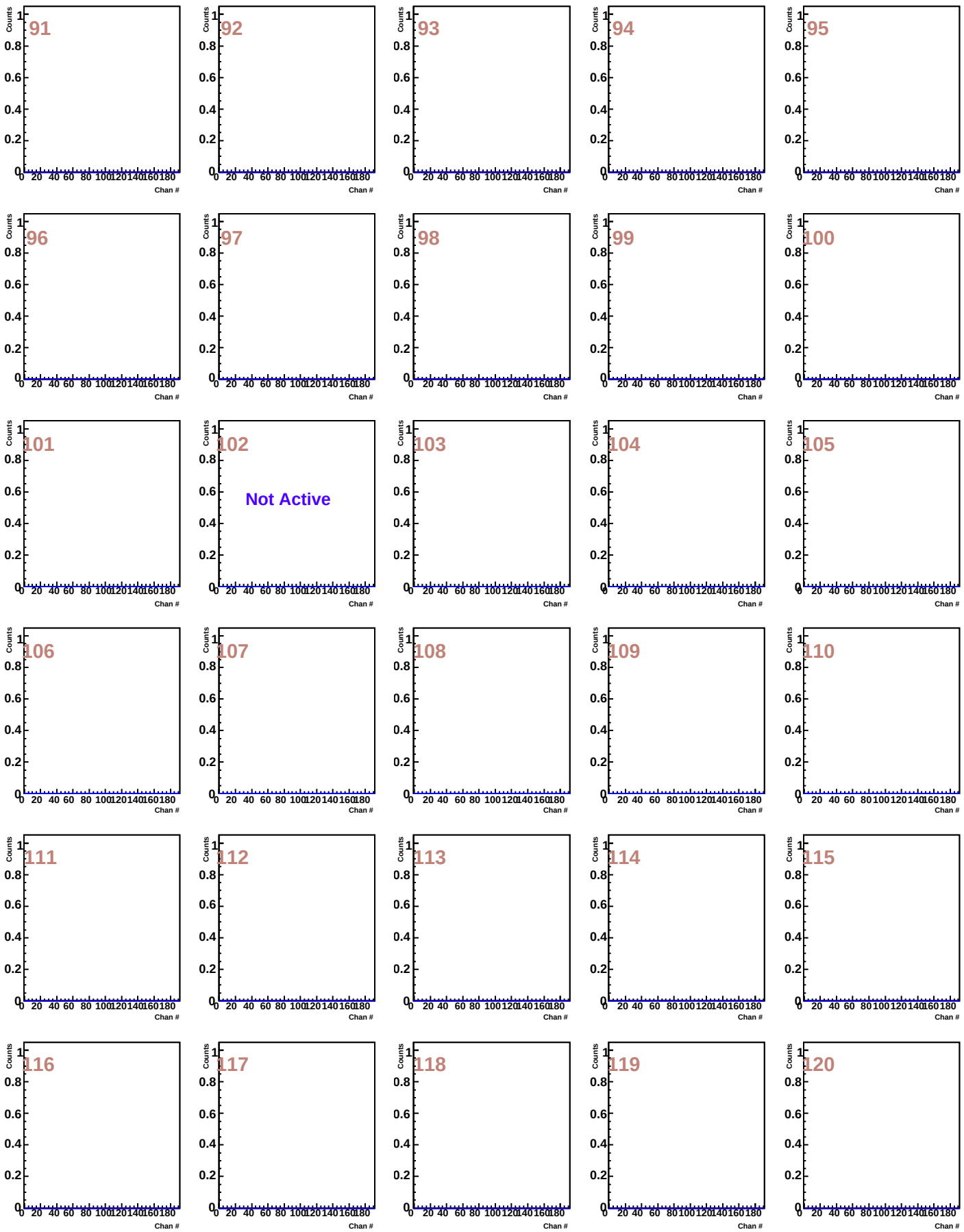
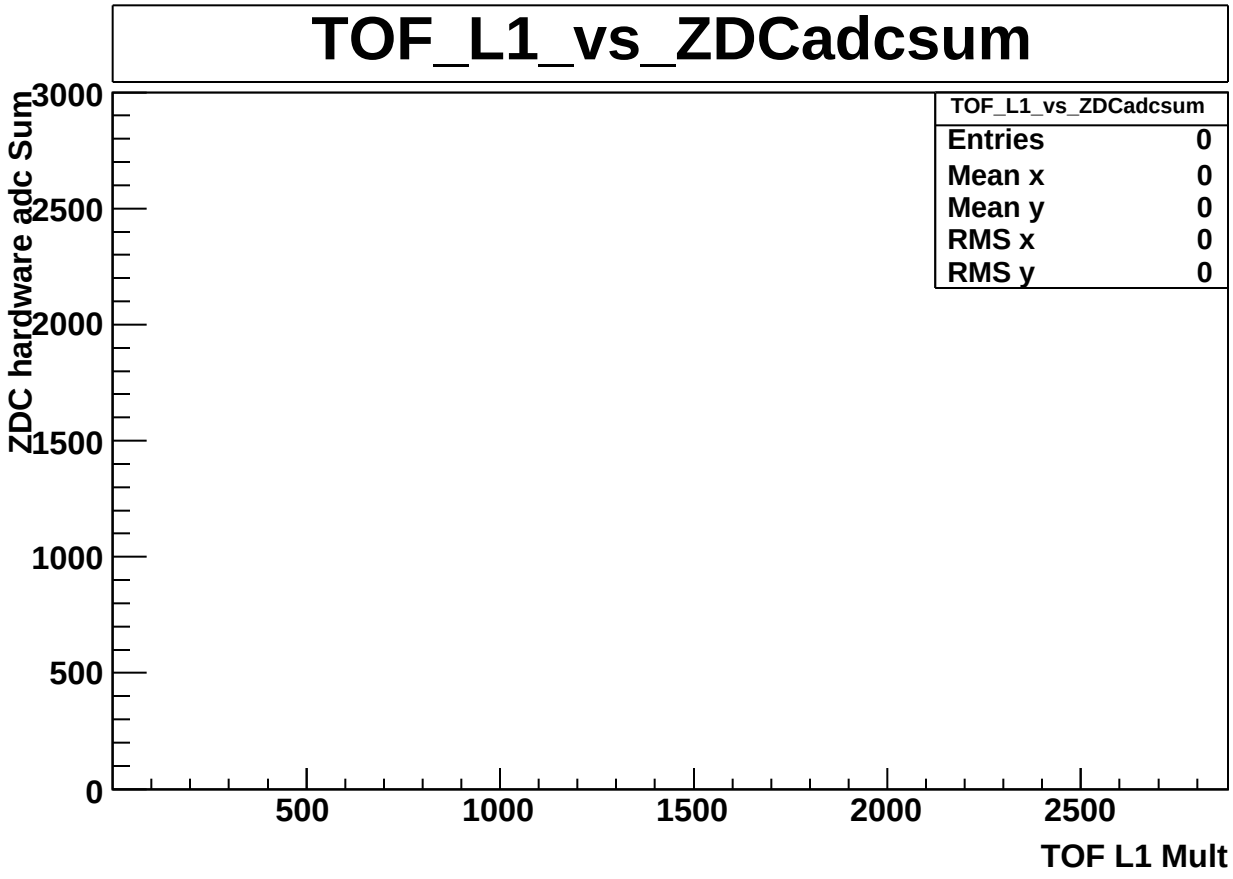
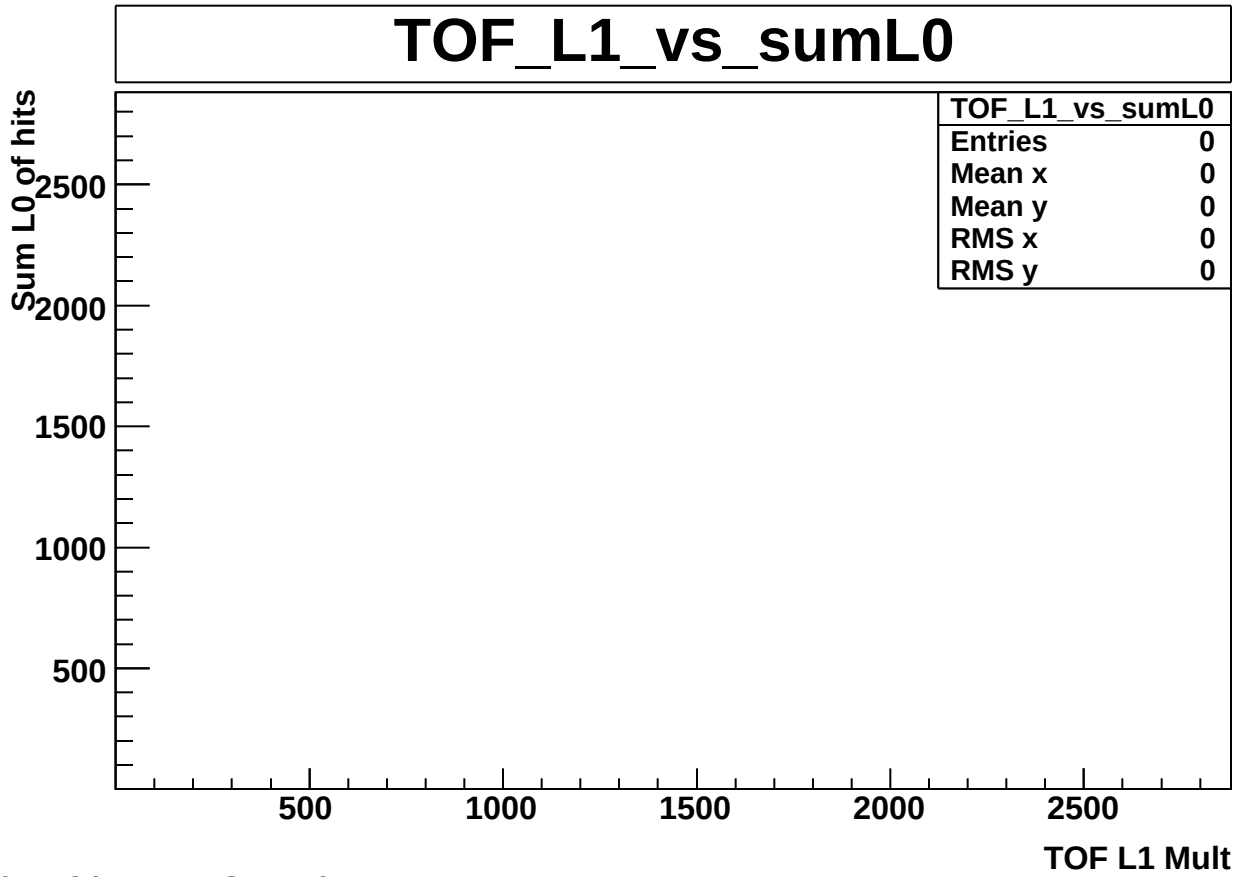
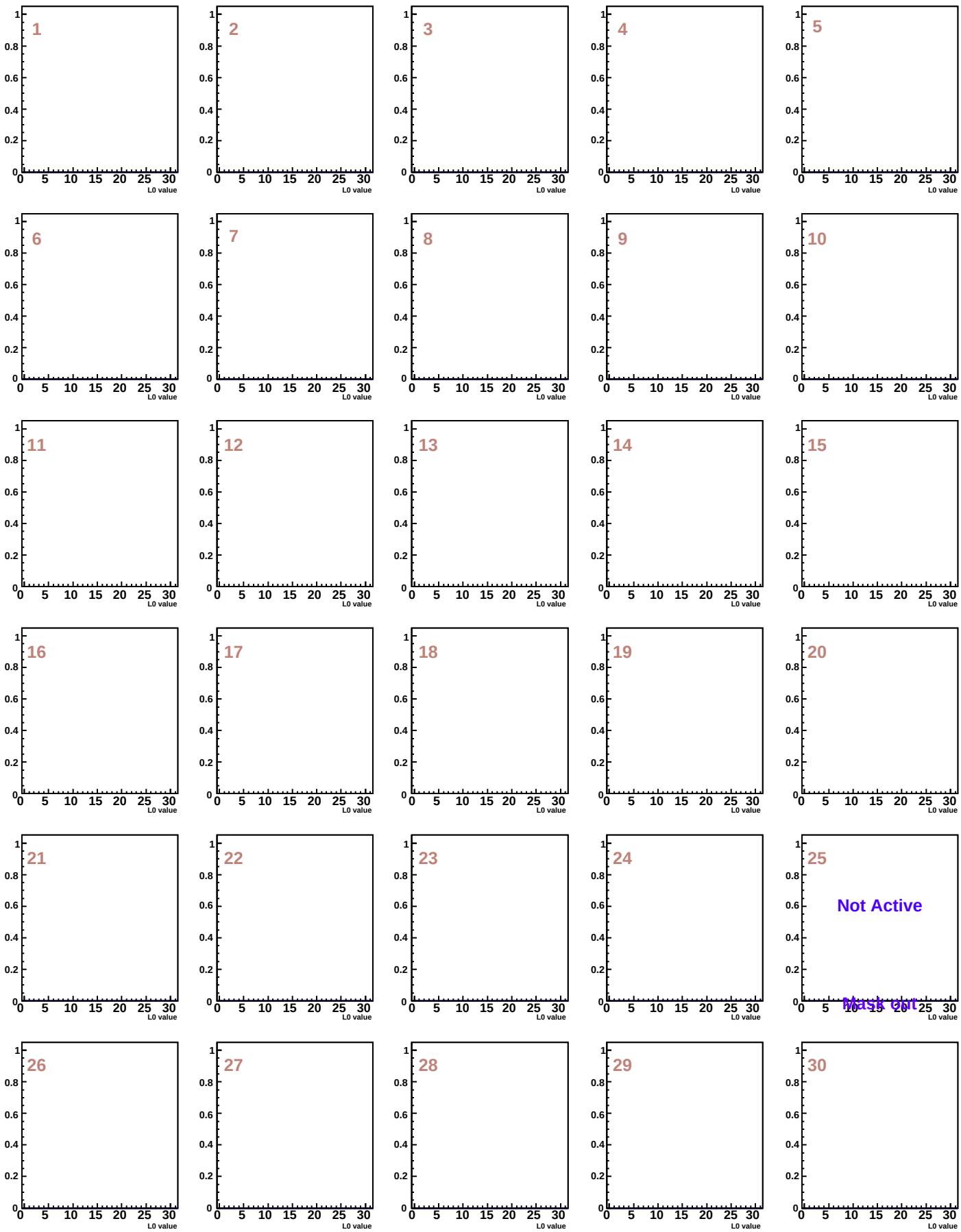
84
85
86
87
88
89
90
Counts
Chan #
0
0.2
0.4
0.6
0.8
1
0 20 40 60 80 100 120 140 160 180


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
TOF_L1_vs_ZDCadcsum
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
ZDC hardware adc Sum
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
TOF L1 Mult


TOF_L1_vs_sumL0
TOF_L1_vs_sumL0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Sum L0 of hits
2500
2000
1500
1000
500
500
1000
1500
2000
2500
TOF L1 Mult


1
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3
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5
6
7
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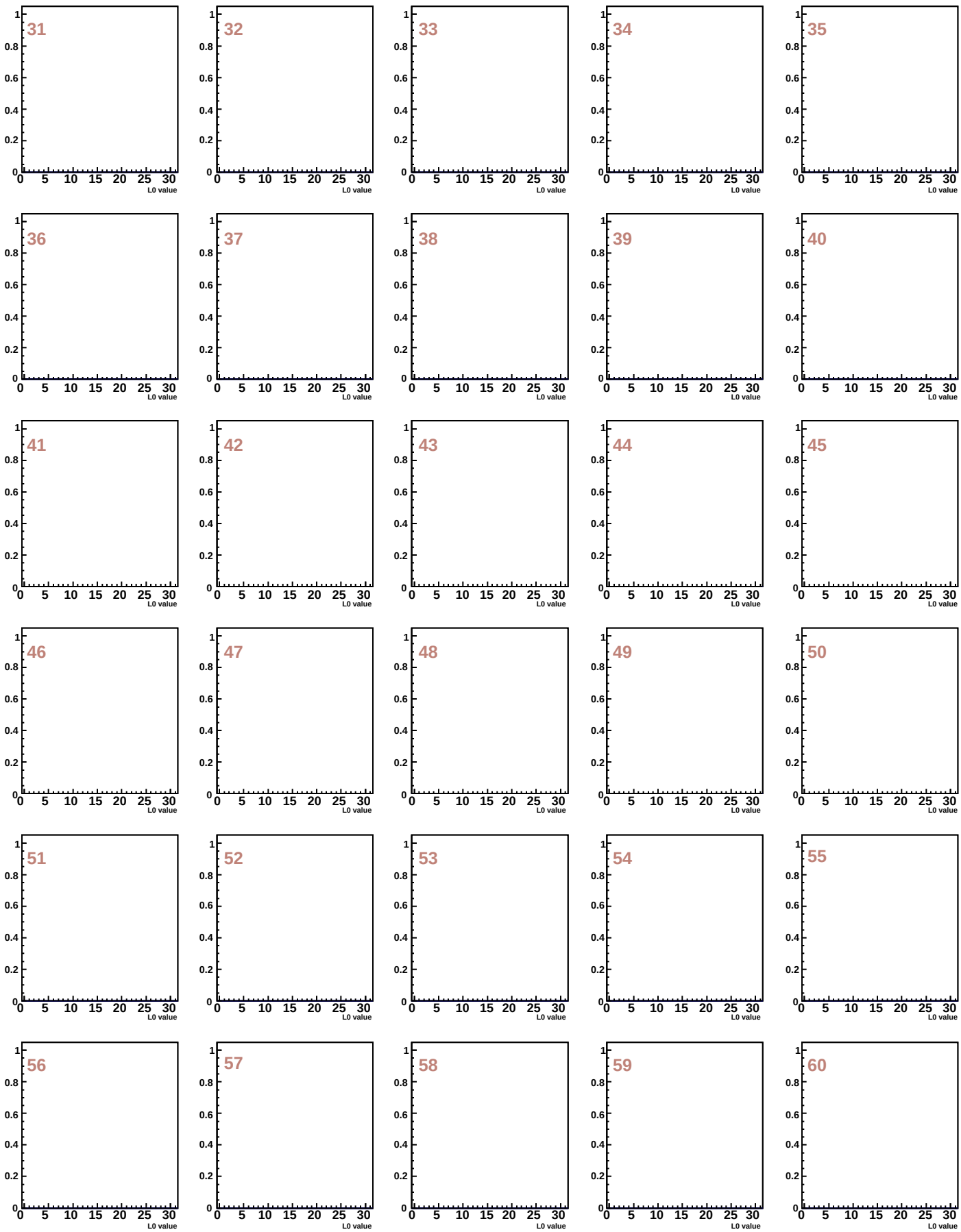
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
Not Active
Mask out
26
27
28
29
30
L0 value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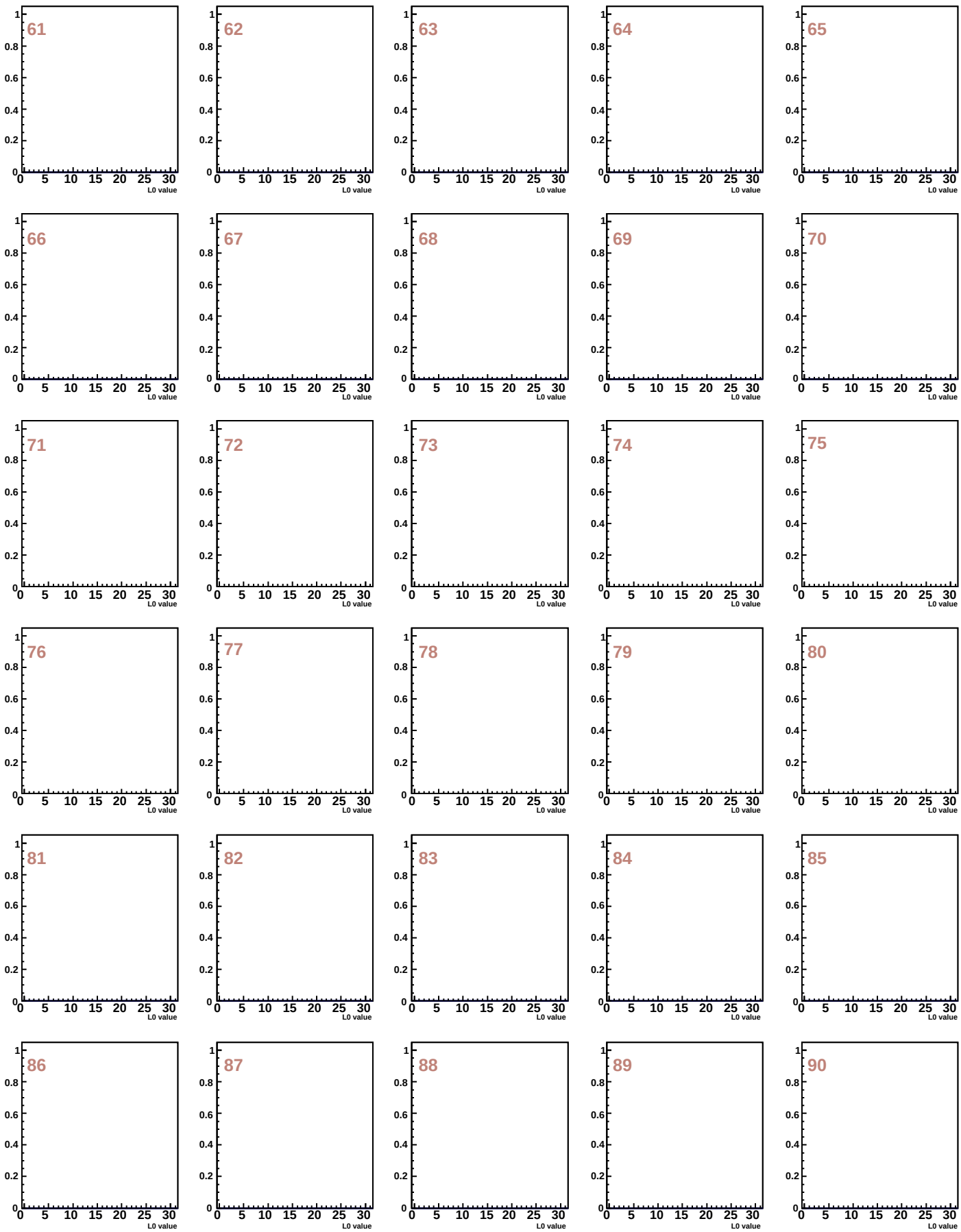
54
55
56
57
58
59
60
0 0.2 0.4 0.6 0.8 1
0 5 10 15 20 25 30
L0 value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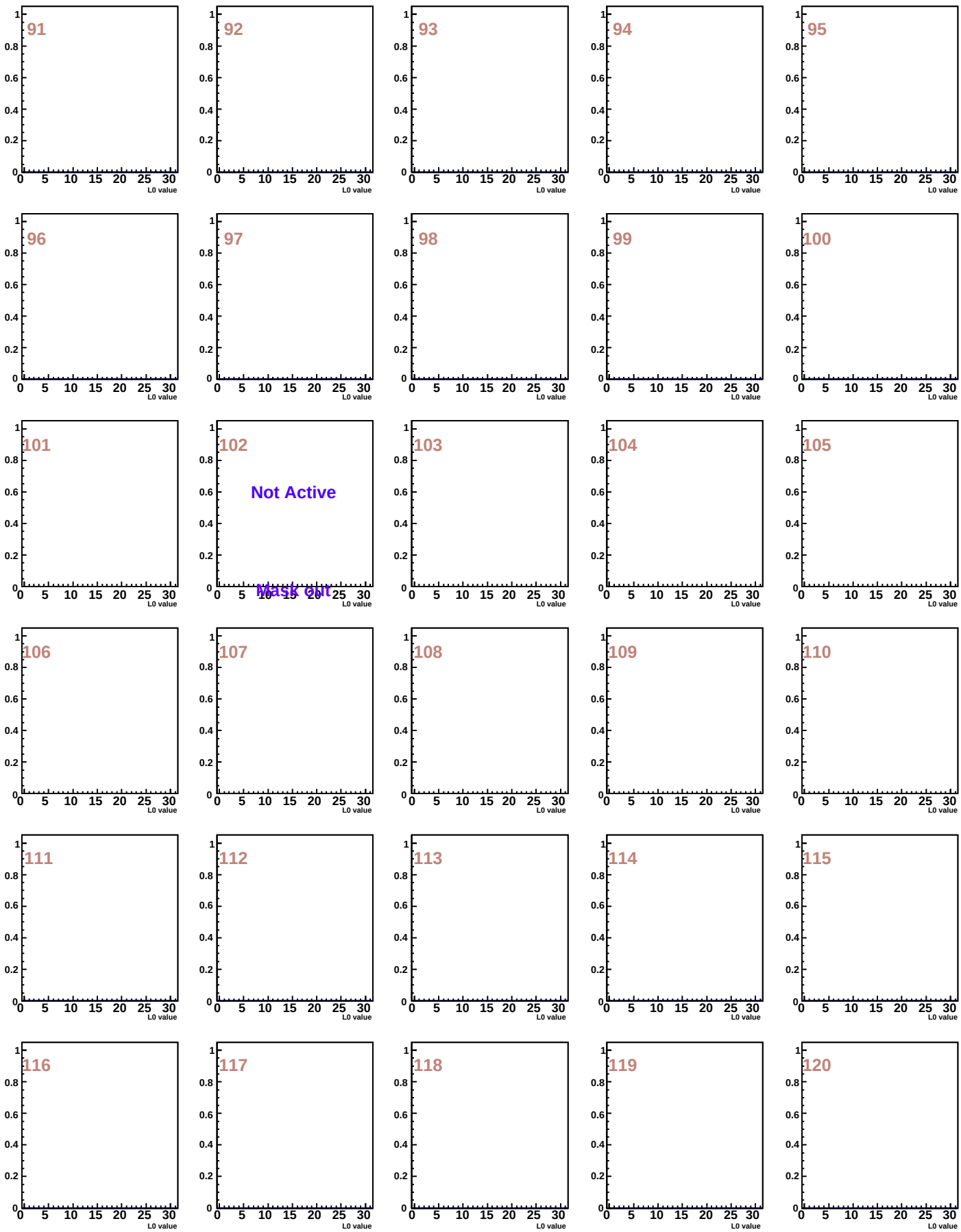
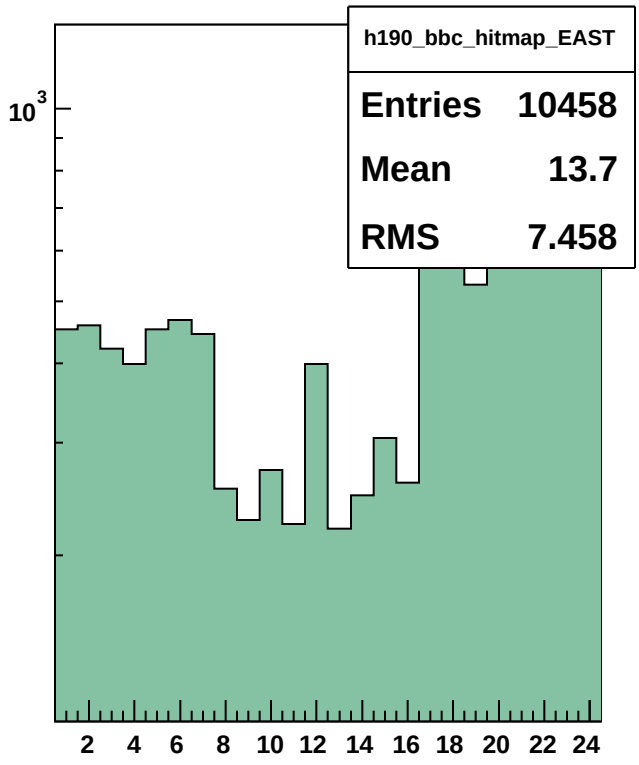
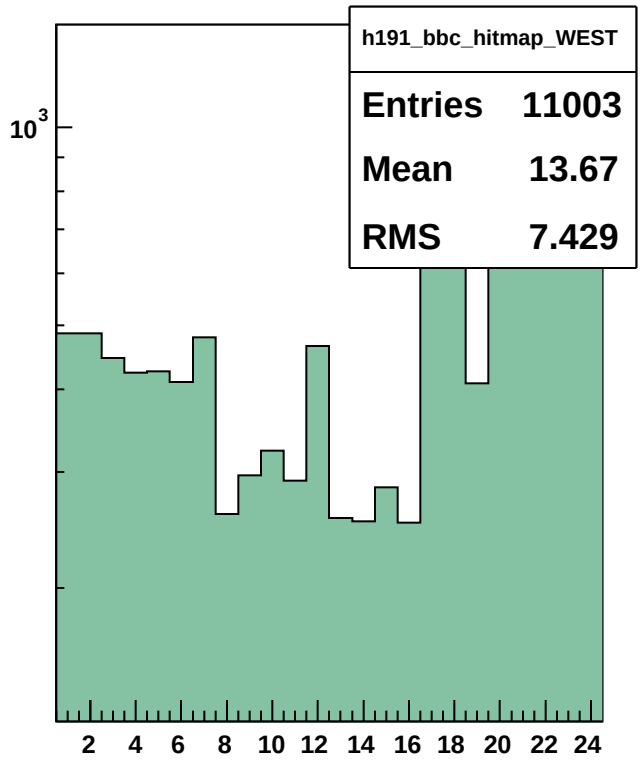
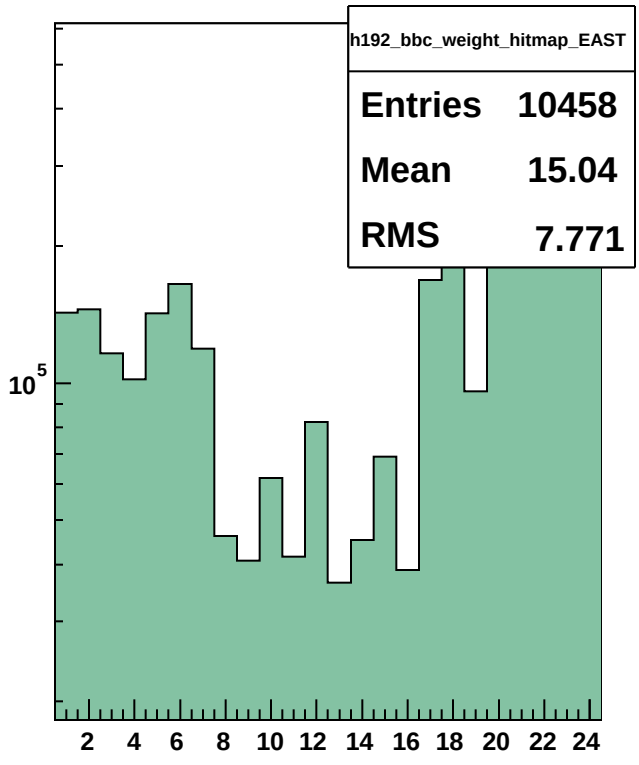
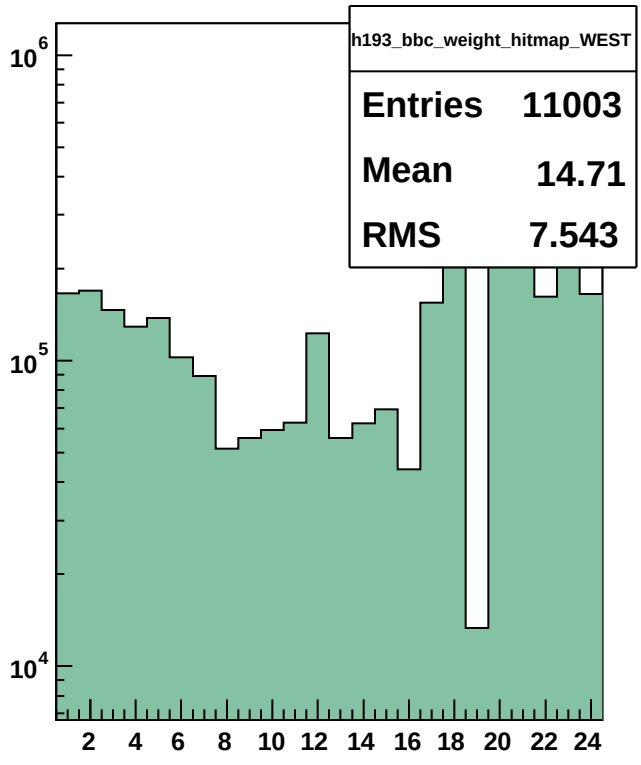
81
82
83
84
85
86
87
88
89
90
0 0.2 0.4 0.6 0.8 1
0 5 10 15 20 25 30
L0 value

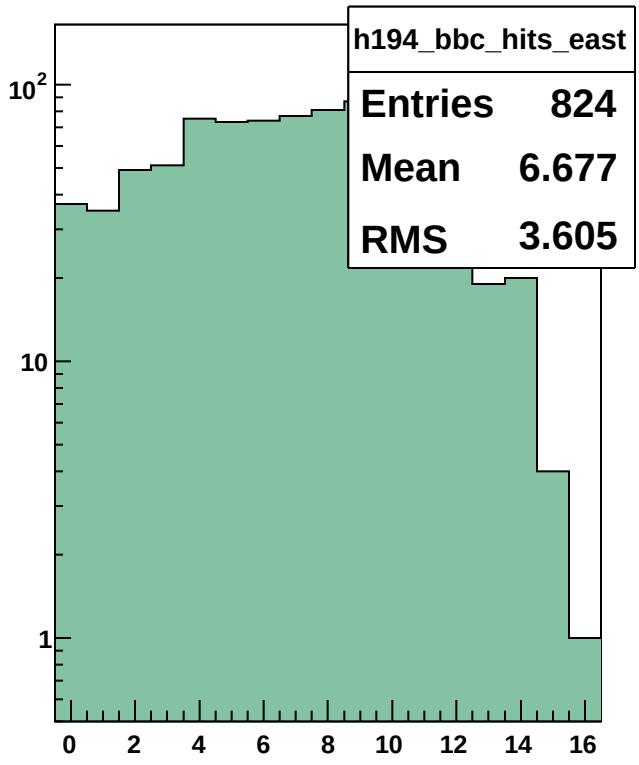

91
92
93
94
95
96
97
98
99
100
101
102
Not Active
Mask out
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
L0 value

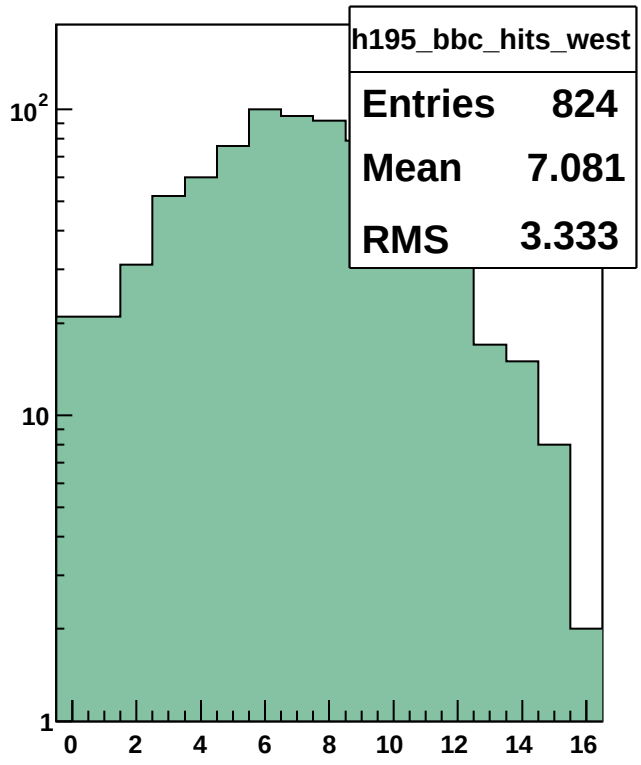

h190_bbc_hitmap_EAST
Entries 10458
Mean 13.7
RMS 7.458
10^3
2 4 6 8 10 12 14 16 18 20 22 24

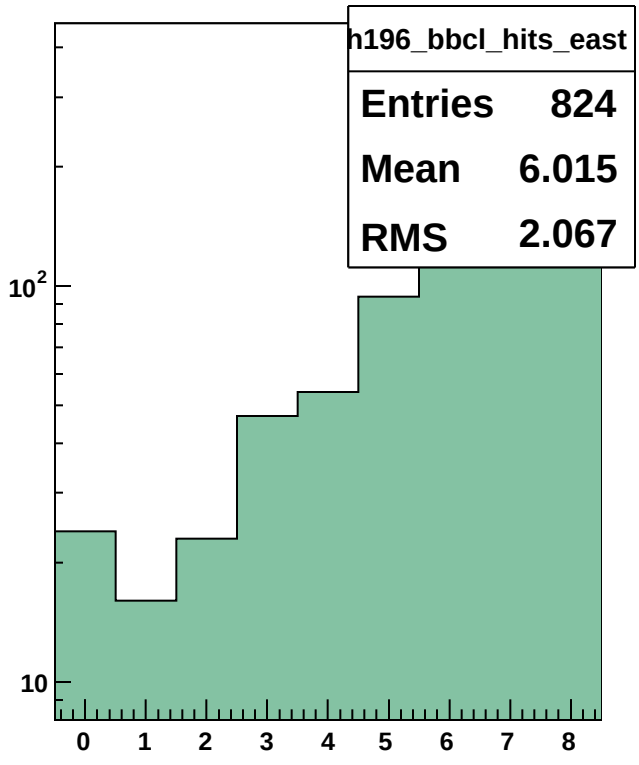

h191_bbc_hitmap_WEST
Entries 11003
Mean 13.67
RMS 7.429
10^3
2 4 6 8 10 12 14 16 18 20 22 24

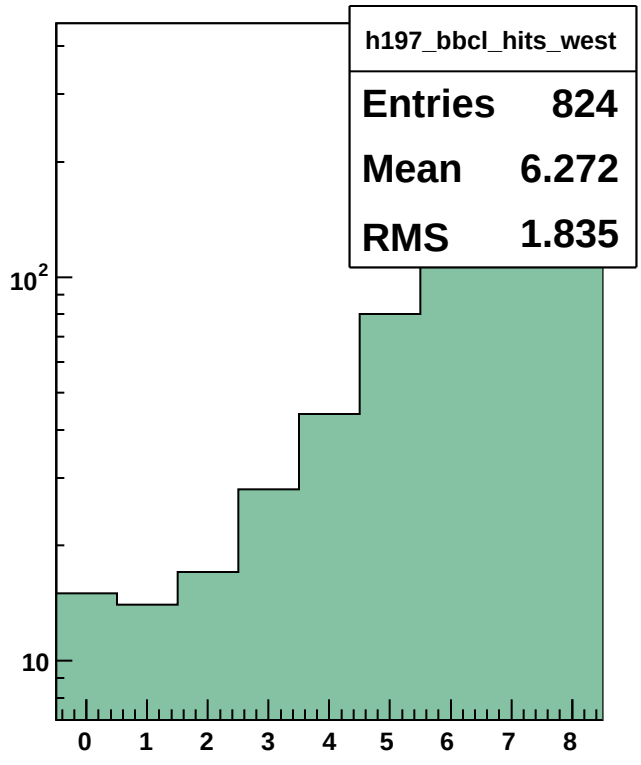

h192_bbc_weight_hitmap_EAST
Entries 10458
Mean 15.04
RMS 7.771
10^5
2 4 6 8 10 12 14 16 18 20 22 24

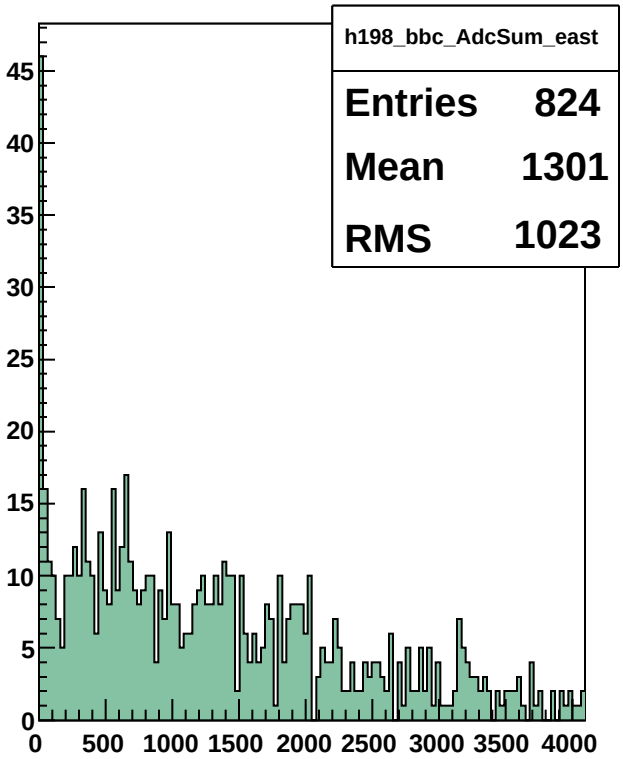

h193_bbc_weight_hitmap_WEST
Entries 11003
Mean 14.71
RMS 7.543
10^6
10^5
10^4
2 4 6 8 10 12 14 16 18 20 22 24

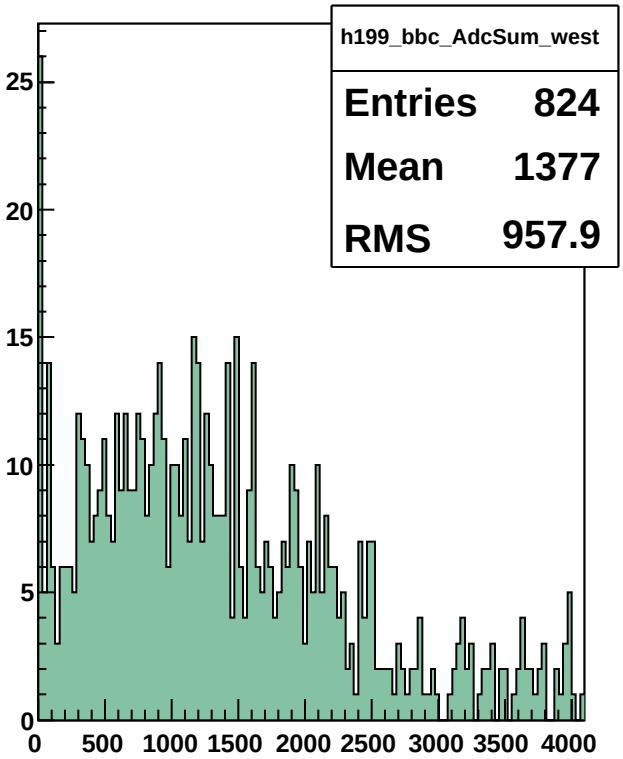

h194_bbc_hits_east
Entries 824
Mean 6.677
RMS 3.605
10^2
10
1
0 2 4 6 8 10 12 14 16

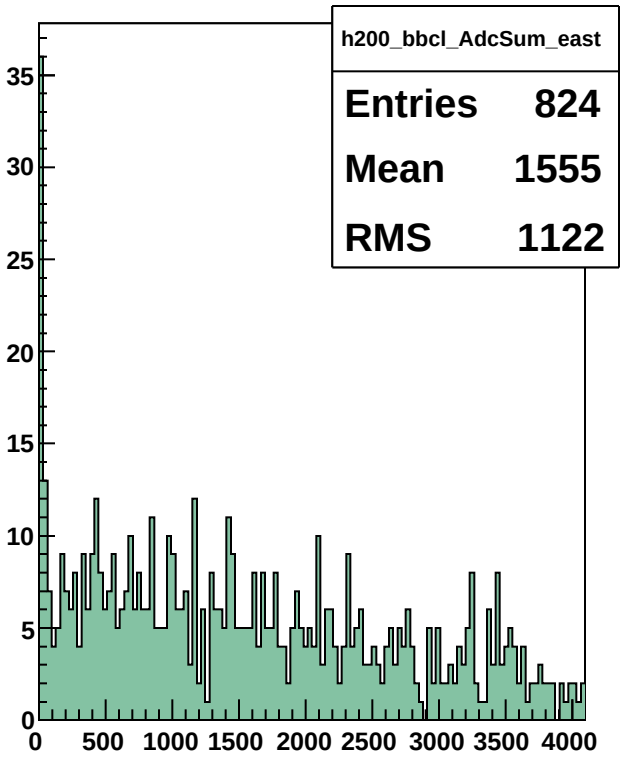

h195_bbc_hits_west
Entries 824
Mean 7.081
RMS 3.333
10^2
10
1
0 2 4 6 8 10 12 14 16

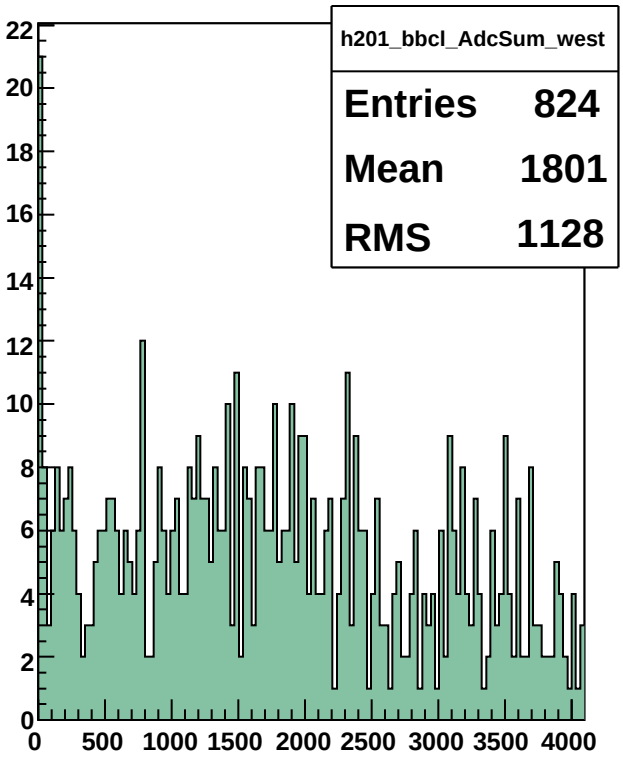

h196_bbcl_hits_east
Entries 824
Mean 6.015
RMS 2.067
10^2
10
0 1 2 3 4 5 6 7 8

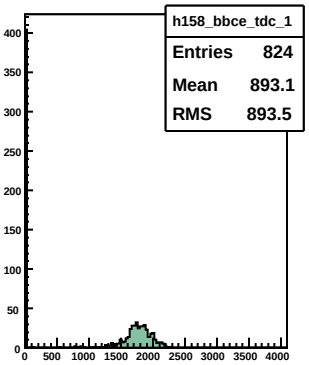

h197_bbcl_hits_west
Entries 824
Mean 6.272
RMS 1.835
10^2
10
0 1 2 3 4 5 6 7 8

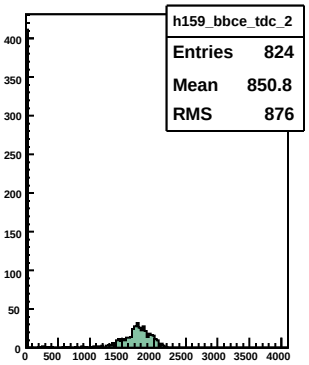

h198_bbc_AdcSum_east
Entries 824
Mean 1301
RMS 1023

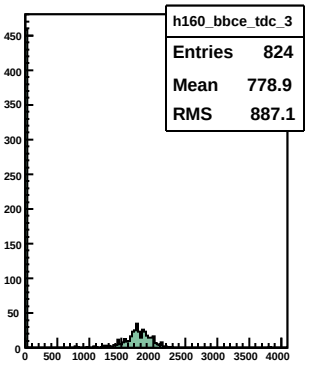

h199_bbc_AdcSum_west
Entries 824
Mean 1377
RMS 957.9

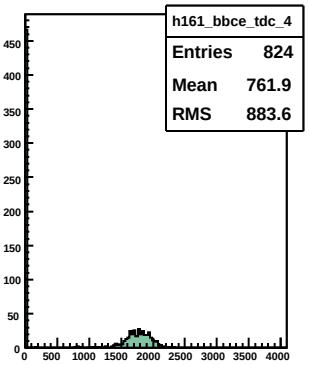

h200_bbcl_AdcSum_east
Entries 824
Mean 1555
RMS 1122

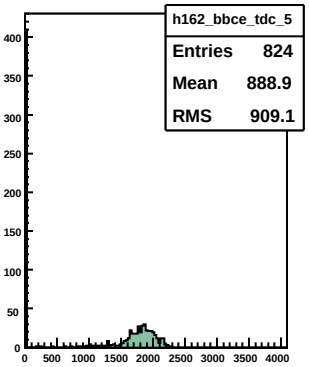

h201_bbcl_AdcSum_west
Entries 824
Mean 1801
RMS 1128

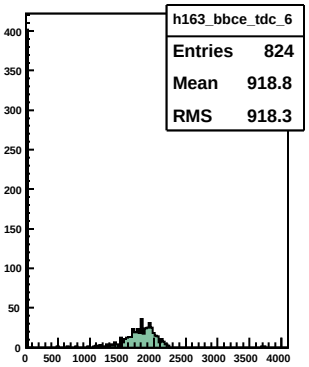

h158_bbce_tdc_1
Entries 824
Mean 893.1
RMS 893.5

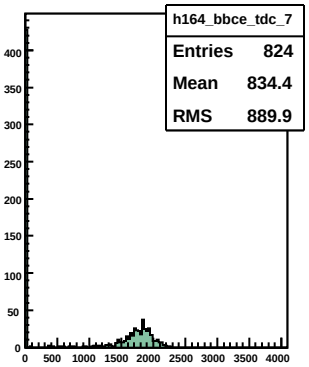

h159_bbce_tdc_2
Entries 824
Mean 850.8
RMS 876

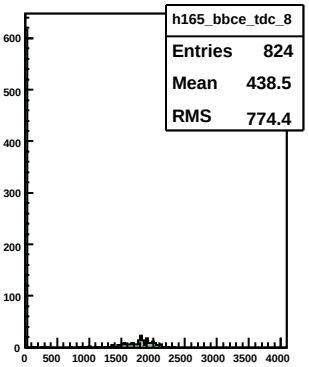

h160_bbce_tdc_3
Entries 824
Mean 778.9
RMS 887.1

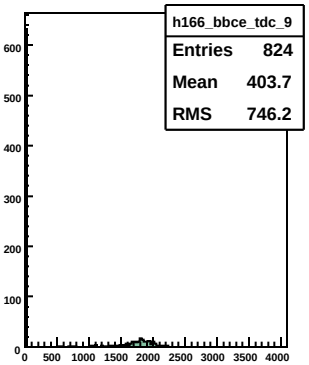

h161_bbce_tdc_4
Entries 824
Mean 761.9
RMS 883.6

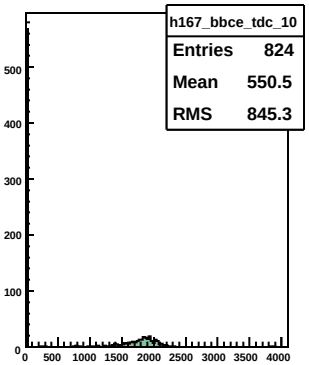

h162_bbce_tdc_5
Entries 824
Mean 888.9
RMS 909.1

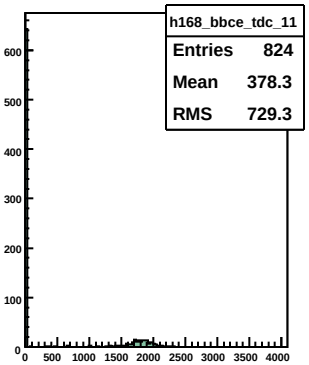

h163_bbce_tdc_6
Entries 824
Mean 918.8
RMS 918.3

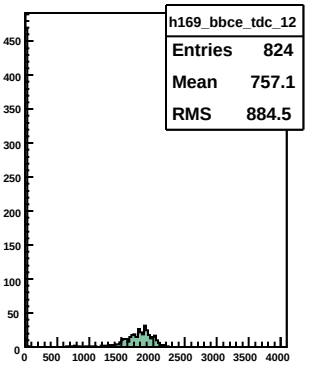

h164_bbce_tdc_7
Entries 824
Mean 834.4
RMS 889.9

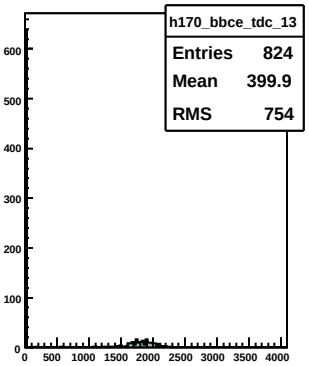

h165_bbce_tdc_8
Entries 824
Mean 438.5
RMS 774.4

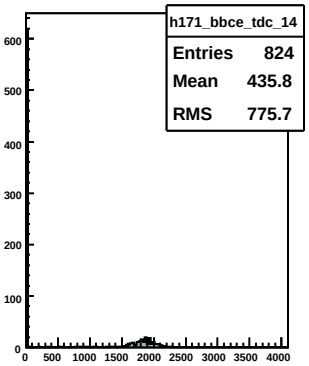

h166_bbce_tdc_9
Entries 824
Mean 403.7
RMS 746.2

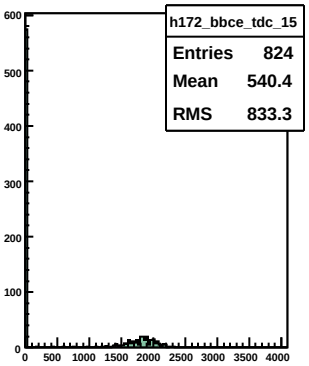

h167_bbce_tdc_10
Entries 824
Mean 550.5
RMS 845.3

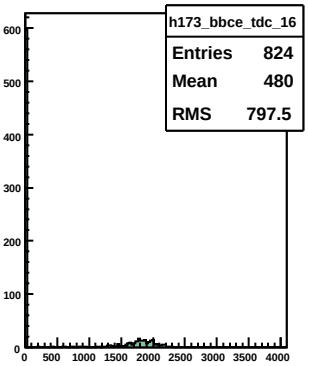

h168_bbce_tdc_11
Entries 824
Mean 378.3
RMS 729.3

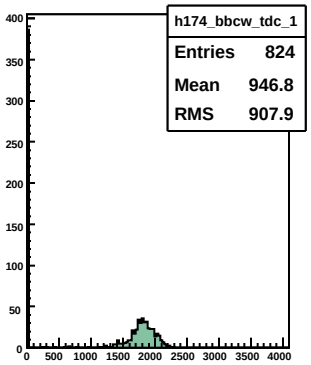

h169_bbce_tdc_12
Entries 824
Mean 757.1
RMS 884.5

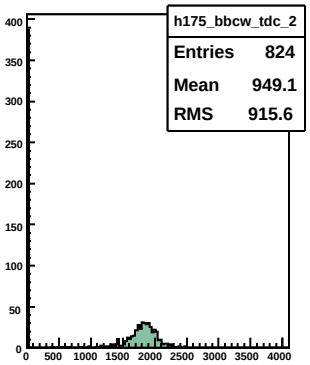

h170_bbce_tdc_13
Entries 824
Mean 399.9
RMS 754

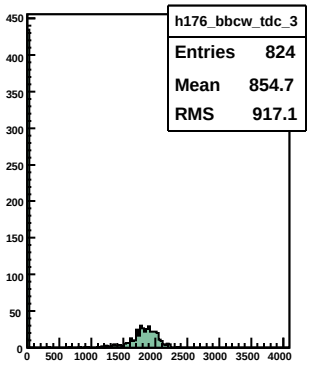

h171_bbce_tdc_14
Entries 824
Mean 435.8
RMS 775.7

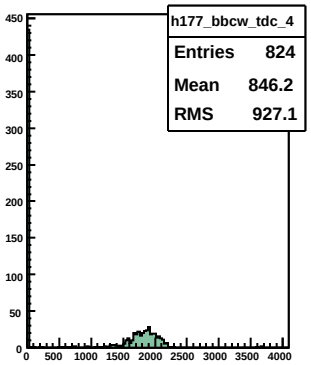

h172_bbce_tdc_15
Entries 824
Mean 540.4
RMS 833.3

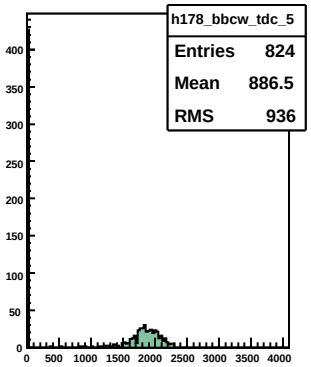

h173_bbce_tdc_16
Entries 824
Mean 480
RMS 797.5

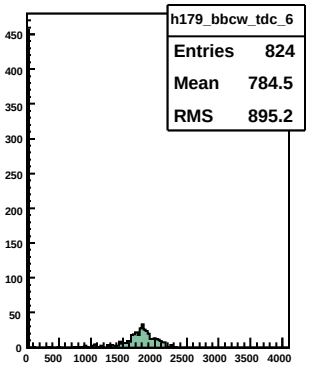

h174_bbcw_tdc_1
Entries 824
Mean 946.8
RMS 907.9

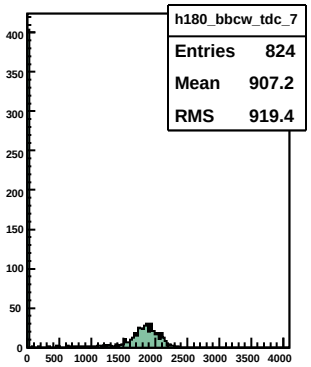

h175_bbcw_tdc_2
Entries 824
Mean 949.1
RMS 915.6

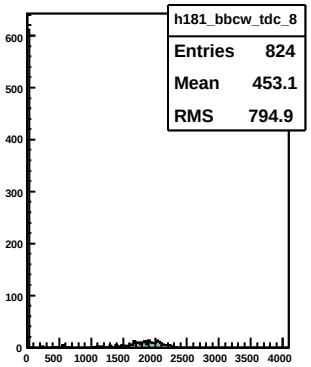

h176_bbcw_tdc_3
Entries 824
Mean 854.7
RMS 917.1

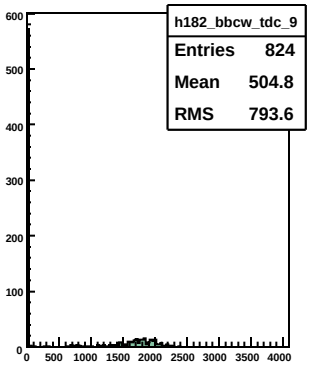

h177_bbcw_tdc_4
Entries 824
Mean 846.2
RMS 927.1

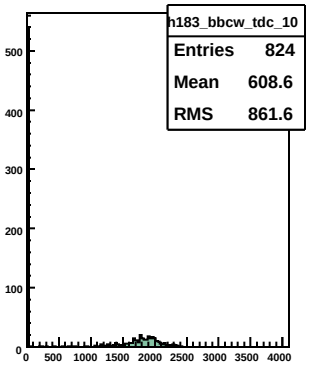

h178_bbcw_tdc_5
Entries 824
Mean 886.5
RMS 936

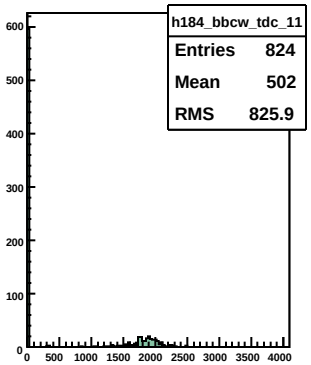

h179_bbcw_tdc_6
Entries 824
Mean 784.5
RMS 895.2

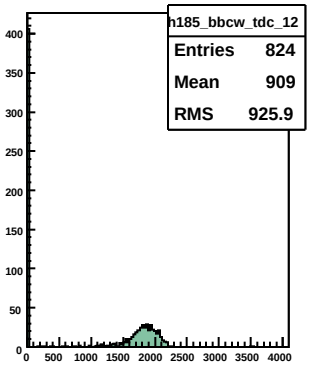

h180_bbcw_tdc_7
Entries 824
Mean 907.2
RMS 919.4

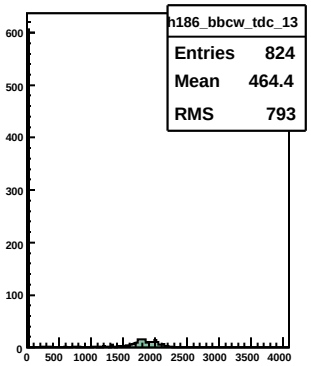

h181_bbcw_tdc_8
Entries 824
Mean 453.1
RMS 794.9

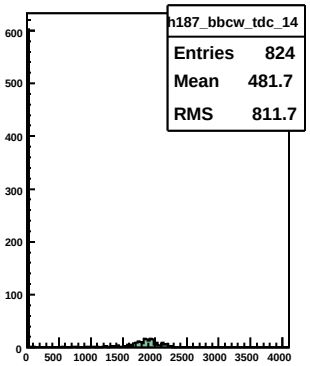

h182_bbcw_tdc_9
Entries 824
Mean 504.8
RMS 793.6

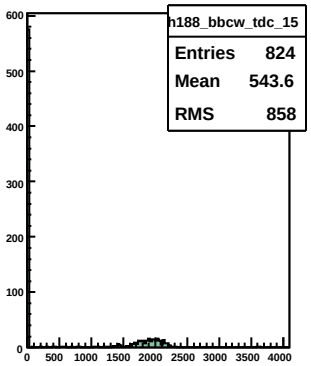

h183_bbcw_tdc_10
Entries 824
Mean 608.6
RMS 861.6

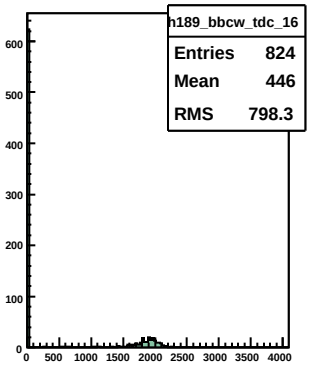

h184_bbcw_tdc_11
Entries 824
Mean 502
RMS 825.9

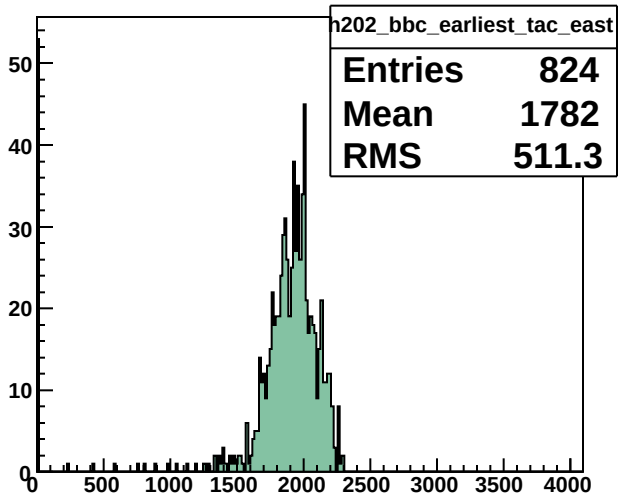

h185_bbcw_tdc_12
Entries 824
Mean 909
RMS 925.9

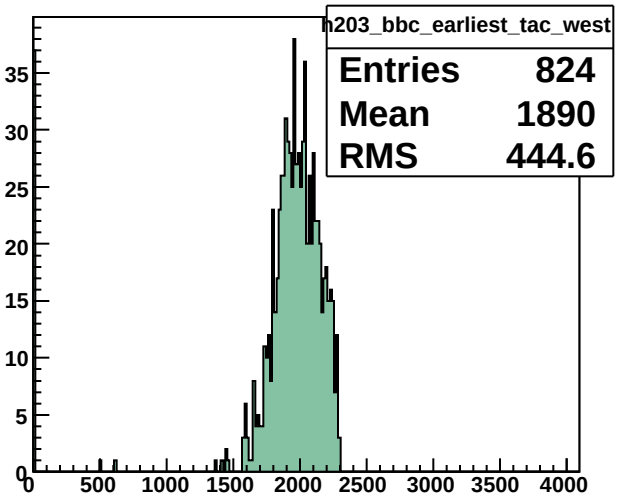

h186_bbcw_tdc_13
Entries 824
Mean 464.4
RMS 793

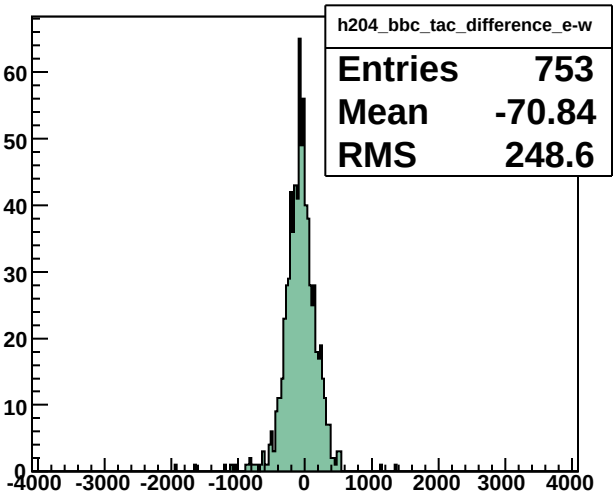

h187_bbcw_tdc_14
Entries 824
Mean 481.7
RMS 811.7

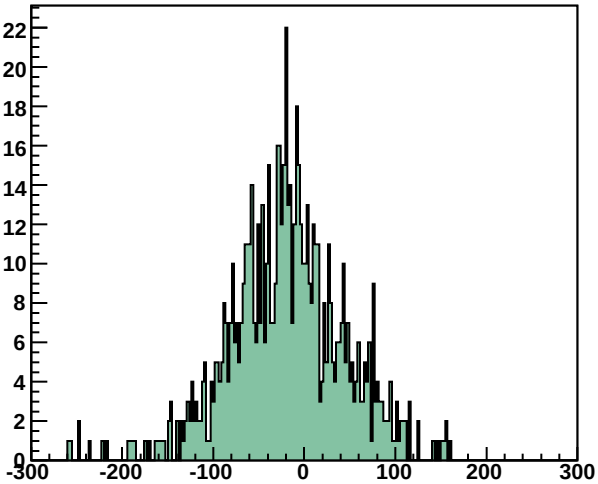

h188_bbcw_tdc_15
Entries 824
Mean 543.6
RMS 858

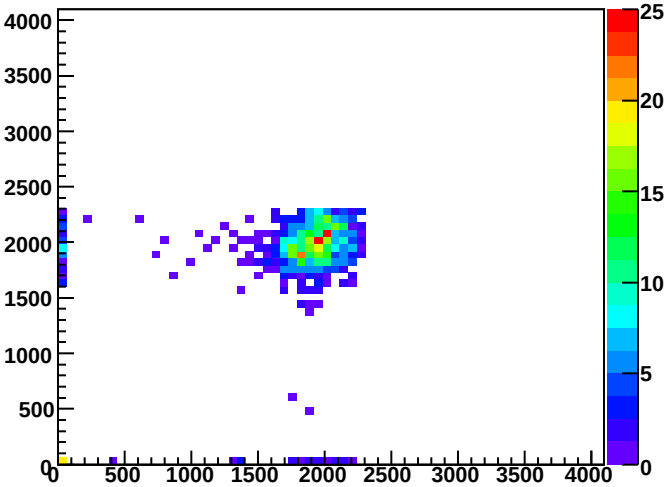

h189_bbcw_tdc_16
Entries 824
Mean 446
RMS 798.3

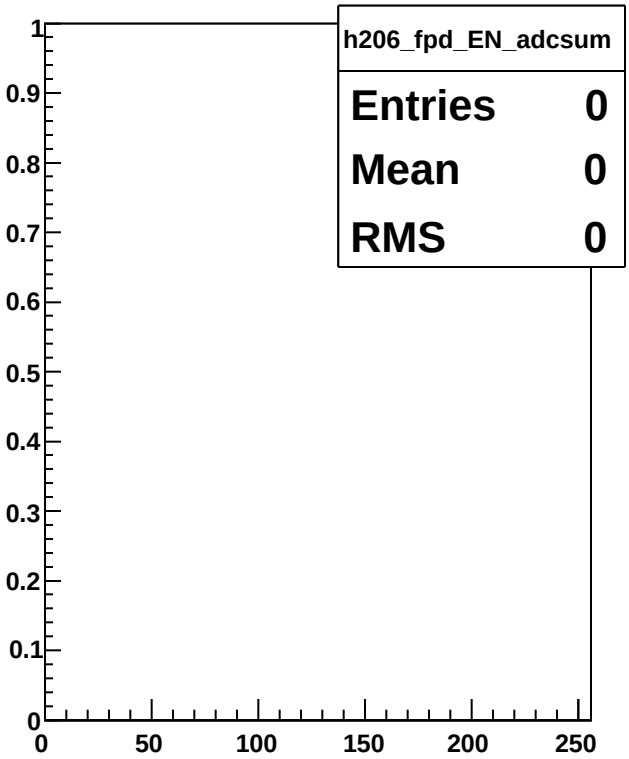

h202_bbc_earliest_tac_east
Entries 824
Mean 1782
RMS 511.3

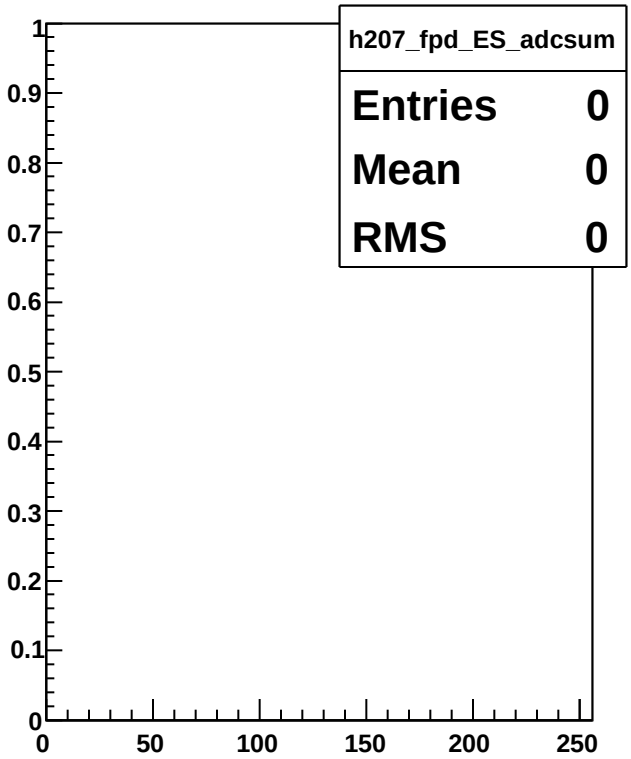

h203_bbc_earliest_tac_west
Entries 824
Mean 1890
RMS 444.6

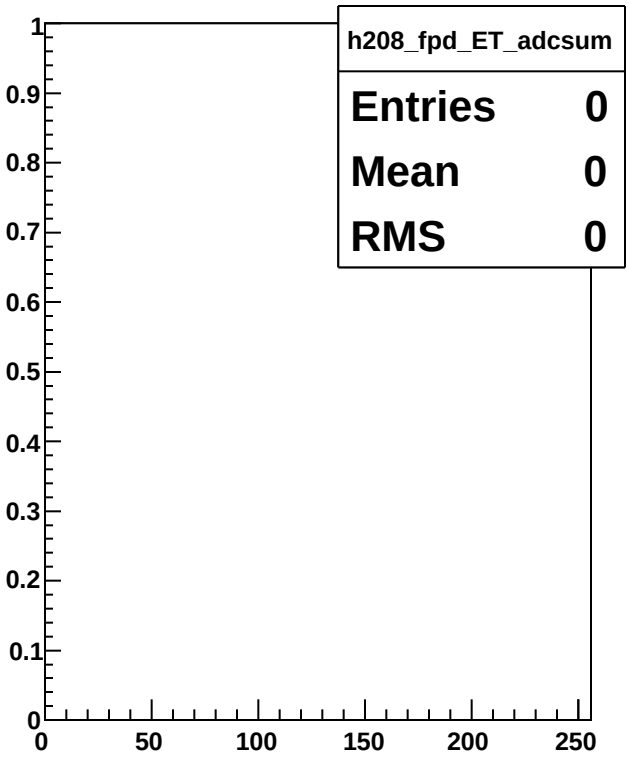

h204_bbc_tac_difference_e-w
Entries 753
Mean -70.84
RMS 248.6

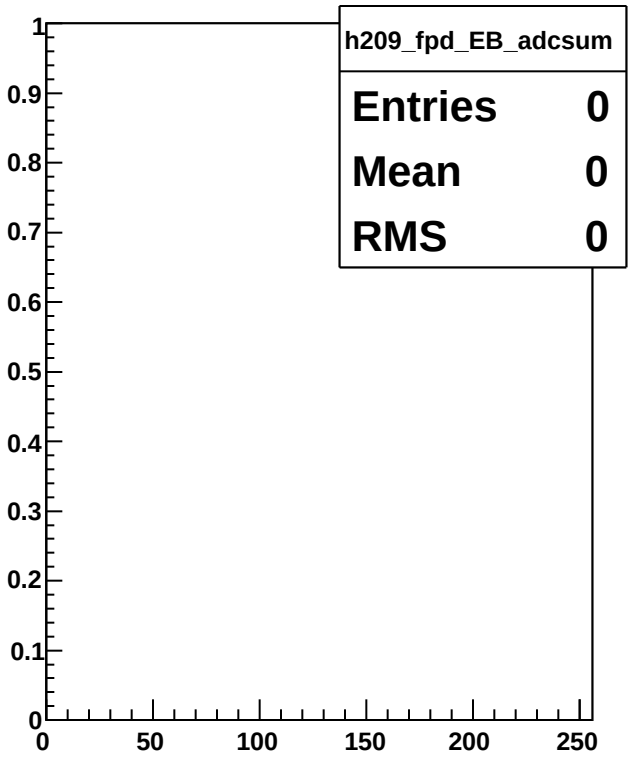


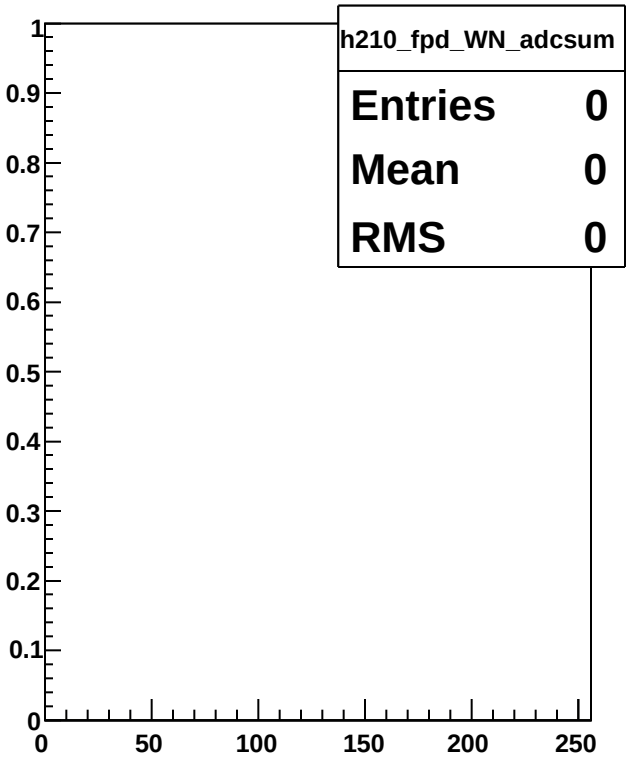


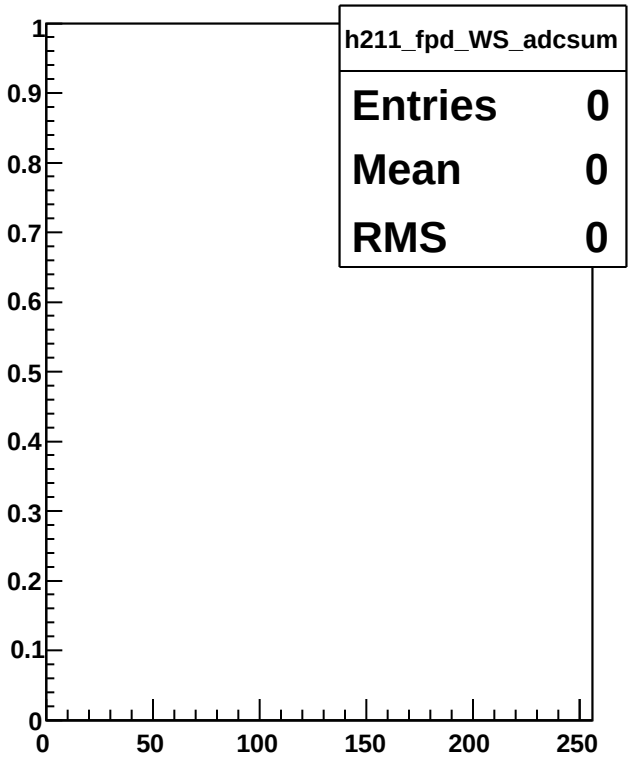

h206_fpd_EN_adcsum
Entries 0
Mean 0
RMS 0

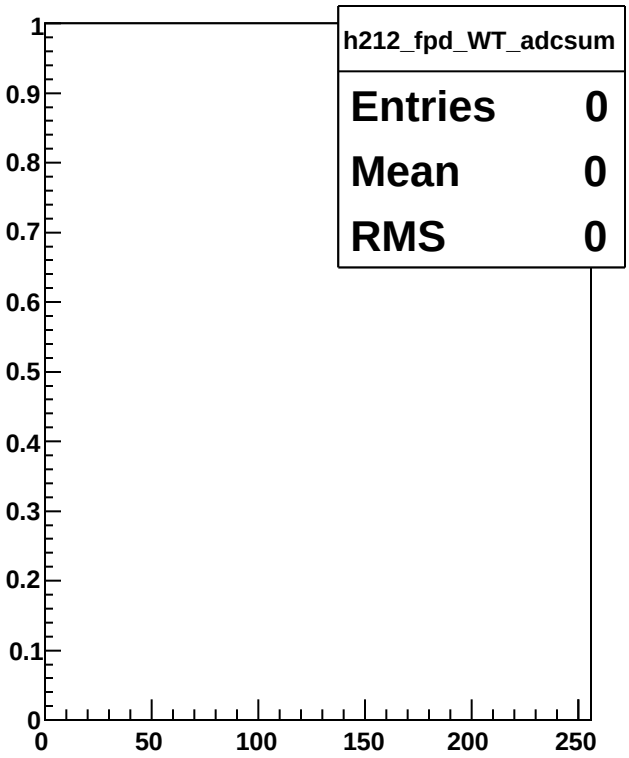

h207_fpd_ES_adcsum
Entries 0
Mean 0
RMS 0

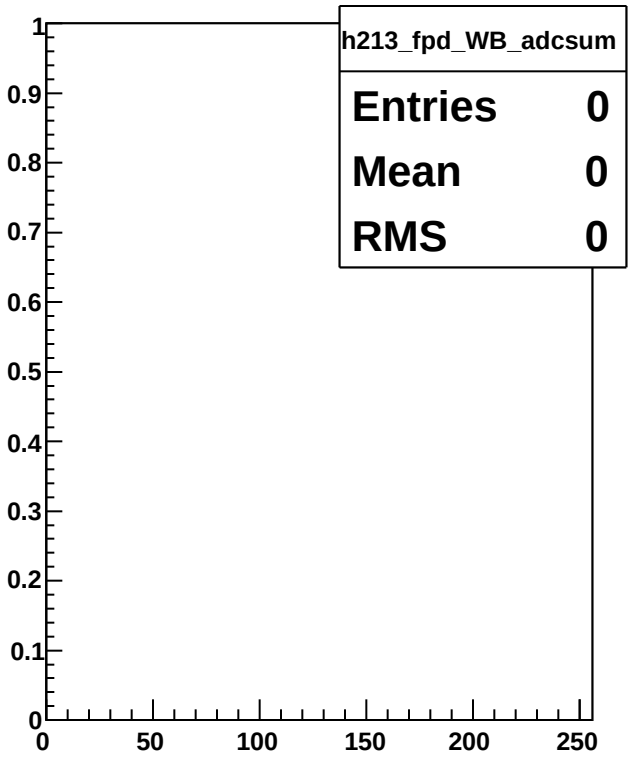

h208_fpd_ET_adcsum
Entries 0
Mean 0
RMS 0

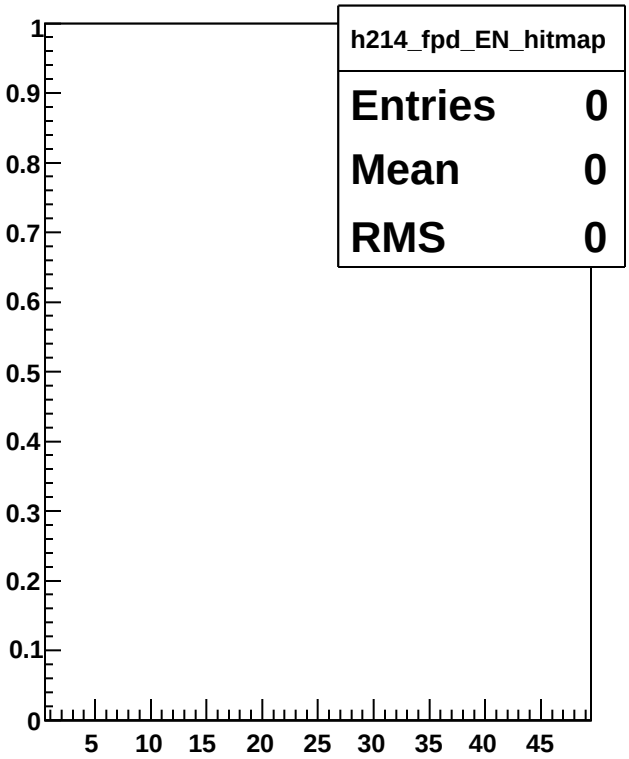

h209_fpd_EB_adcsum
Entries 0
Mean 0
RMS 0

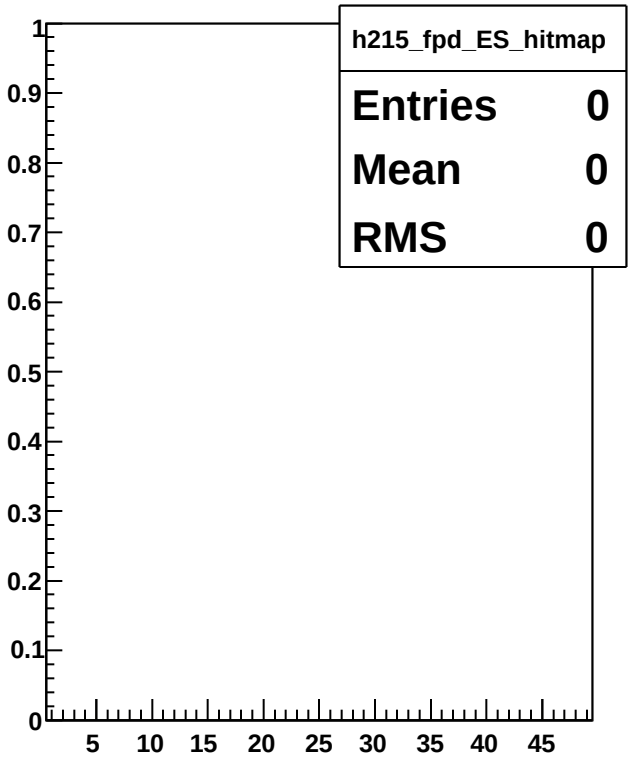

h210_fpd_WN_adcsum
Entries 0
Mean 0
RMS 0

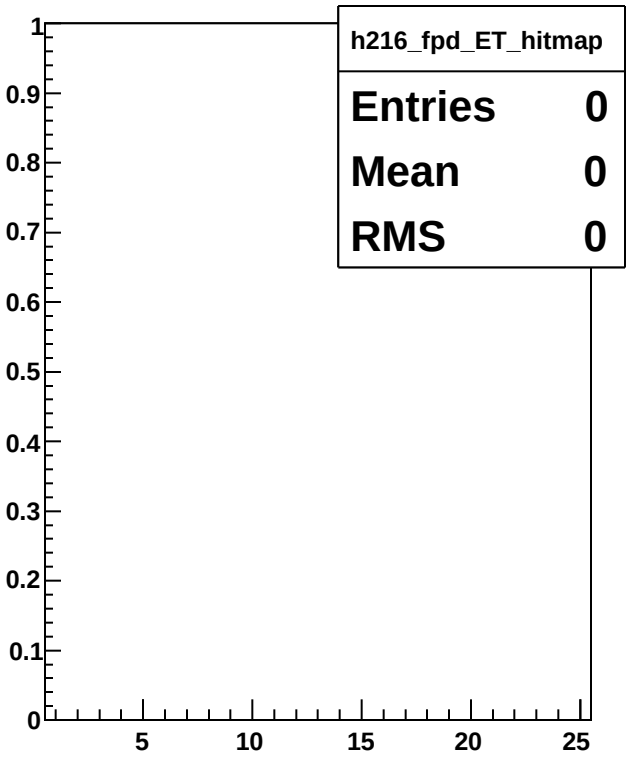

h211_fpd_WS_adcsum
Entries 0
Mean 0
RMS 0

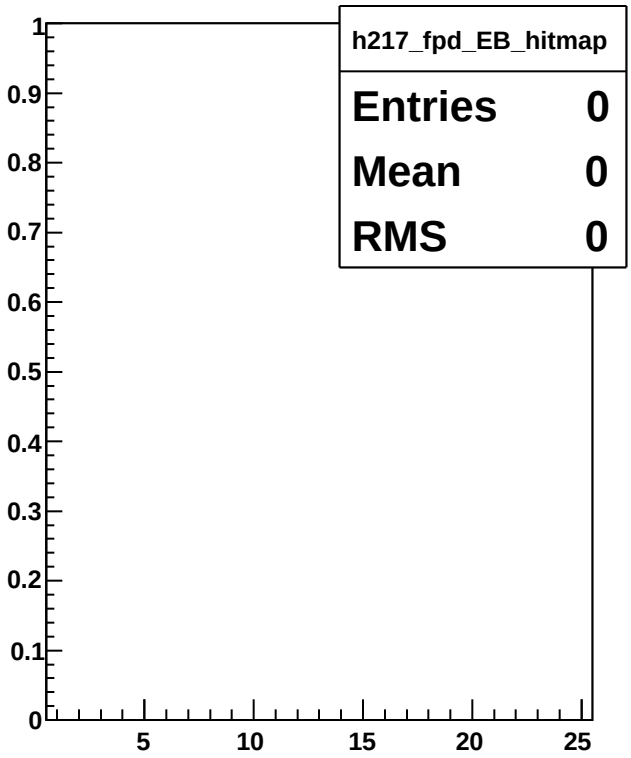

h212_fpd_WT_adcsum
Entries 0
Mean 0
RMS 0

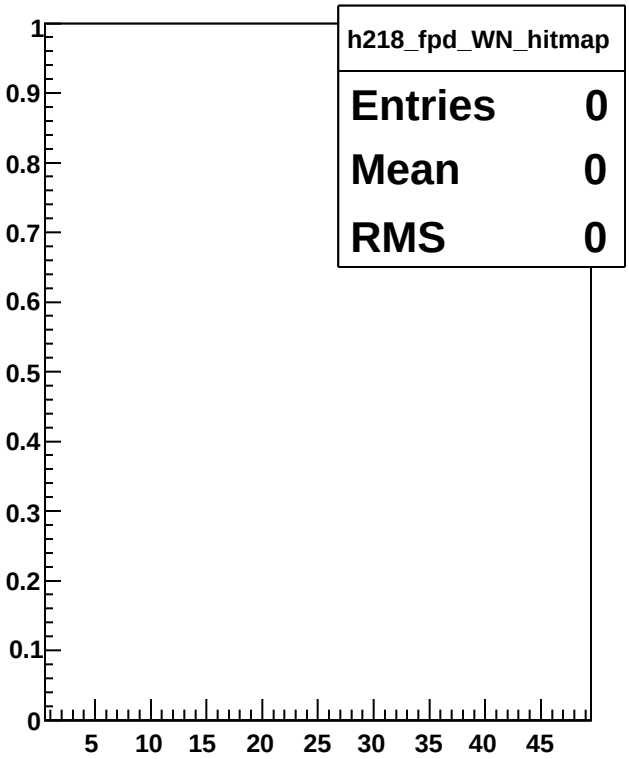

h213_fpd_WB_adcsum
Entries 0
Mean 0
RMS 0

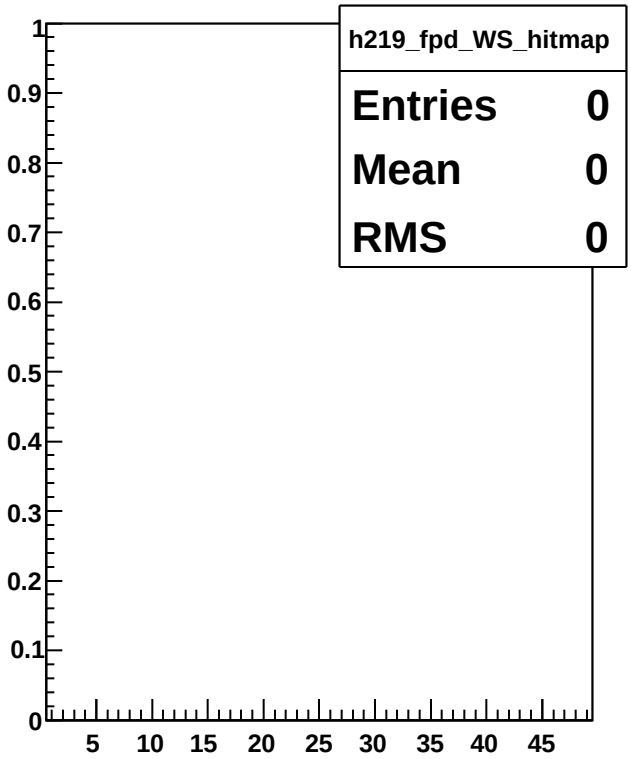

h214_fpd_EN_hitmap
Entries 0
Mean 0
RMS 0

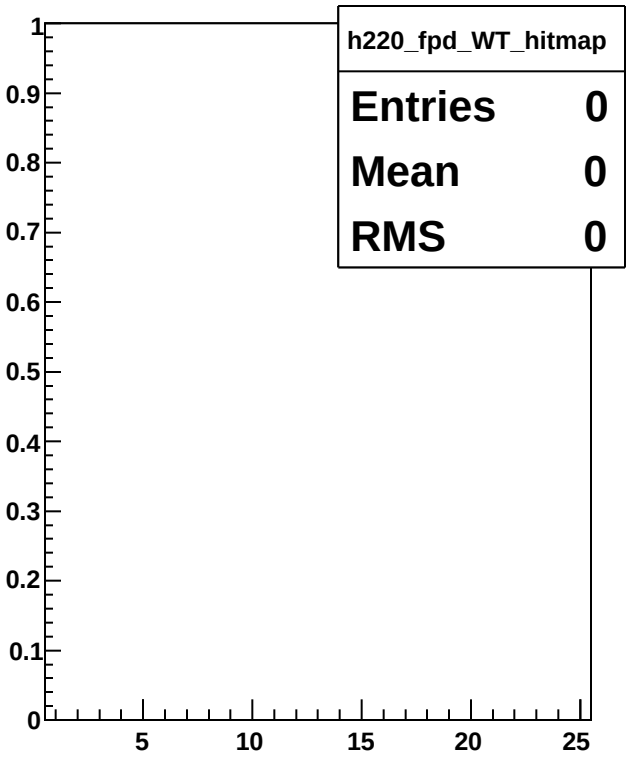

h215_fpd_ES_hitmap
Entries 0
Mean 0
RMS 0

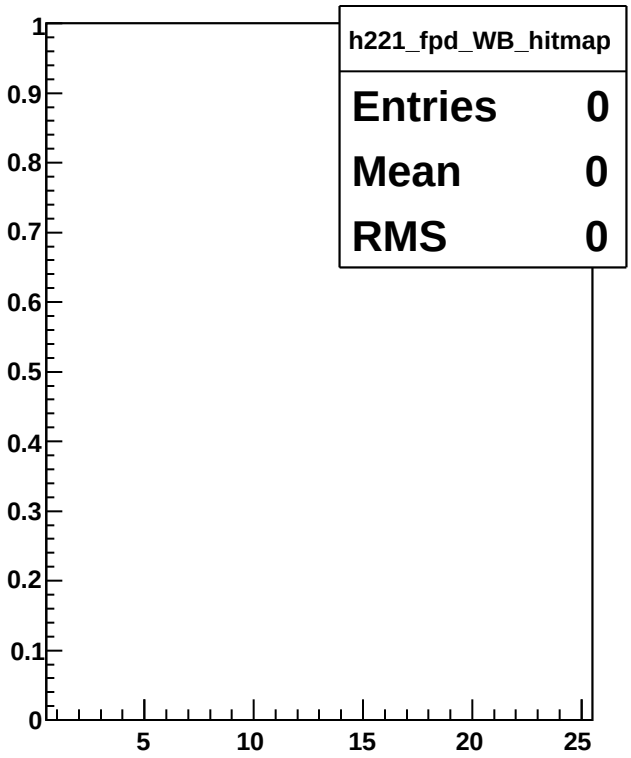

h216_fpd_ET_hitmap
Entries 0
Mean 0
RMS 0

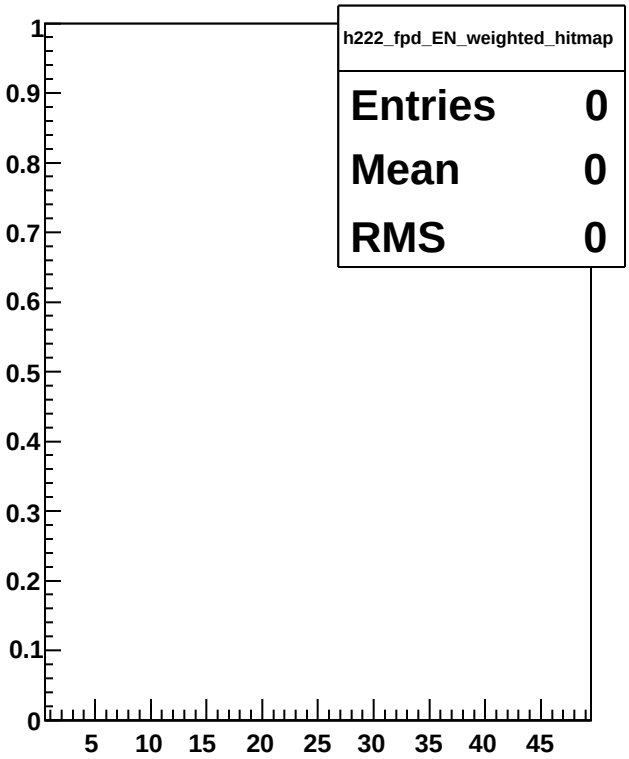

h217_fpd_EB_hitmap
Entries 0
Mean 0
RMS 0

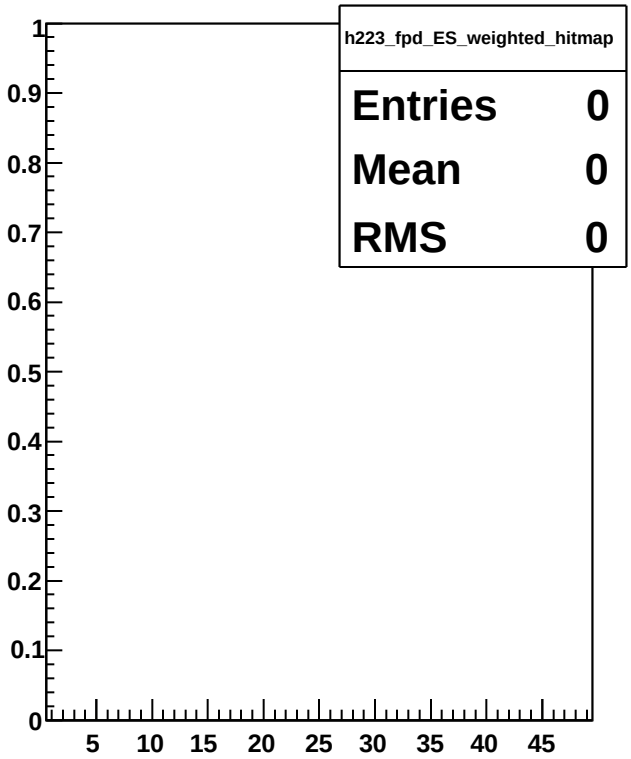

h218_fpd_WN_hitmap
Entries 0
Mean 0
RMS 0

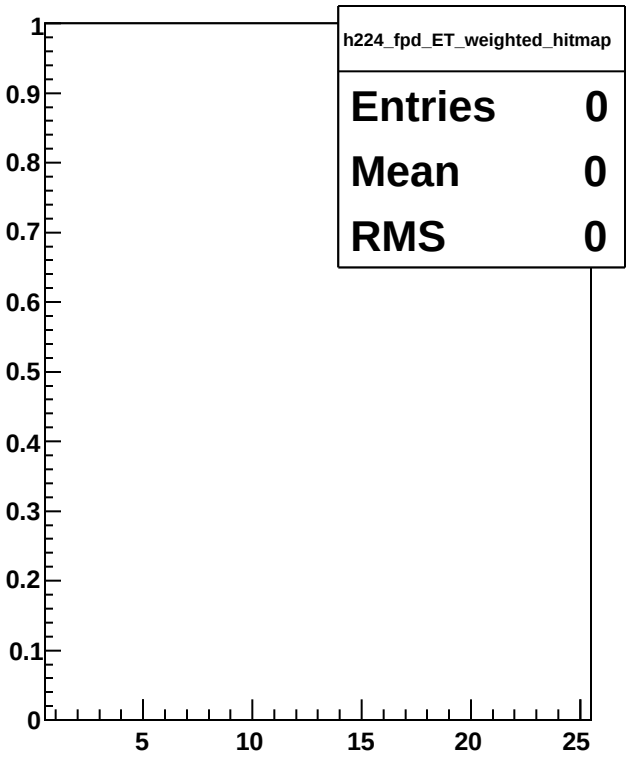

h219_fpd_WS_hitmap
Entries 0
Mean 0
RMS 0

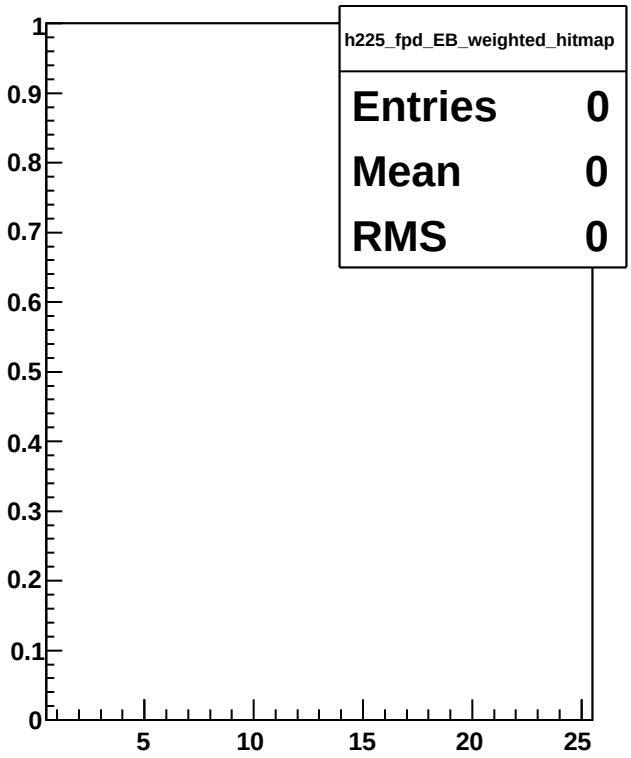

h220_fpd_WT_hitmap
Entries 0
Mean 0
RMS 0

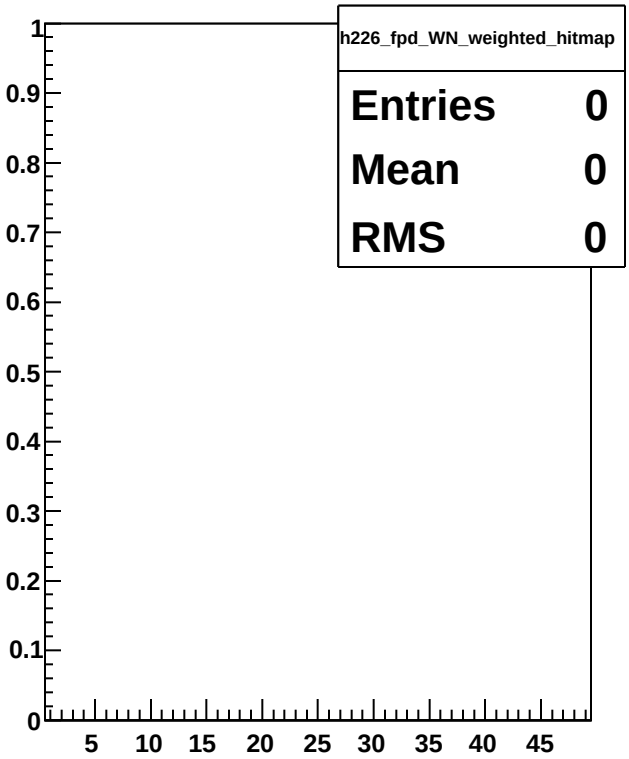

h221_fpd_WB_hitmap
Entries 0
Mean 0
RMS 0

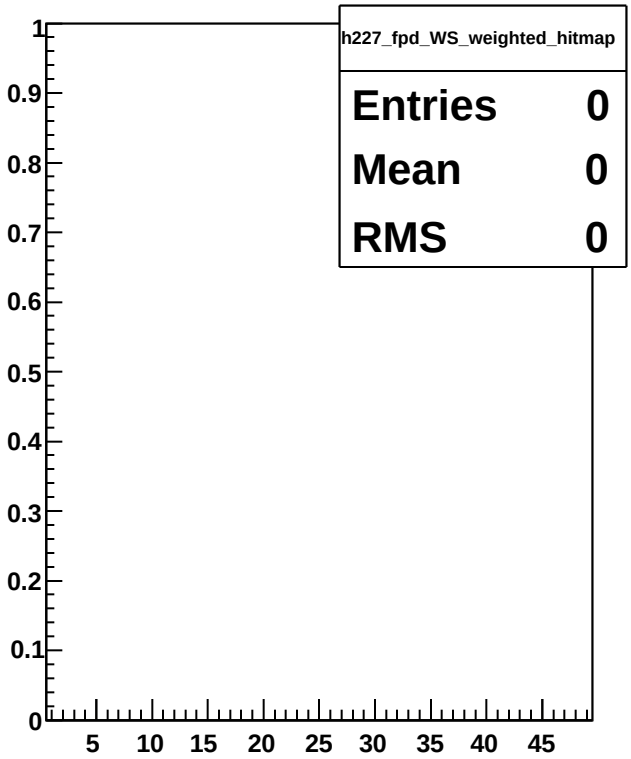

h222_fpd_EN_weighted_hitmap
Entries 0
Mean 0
RMS 0

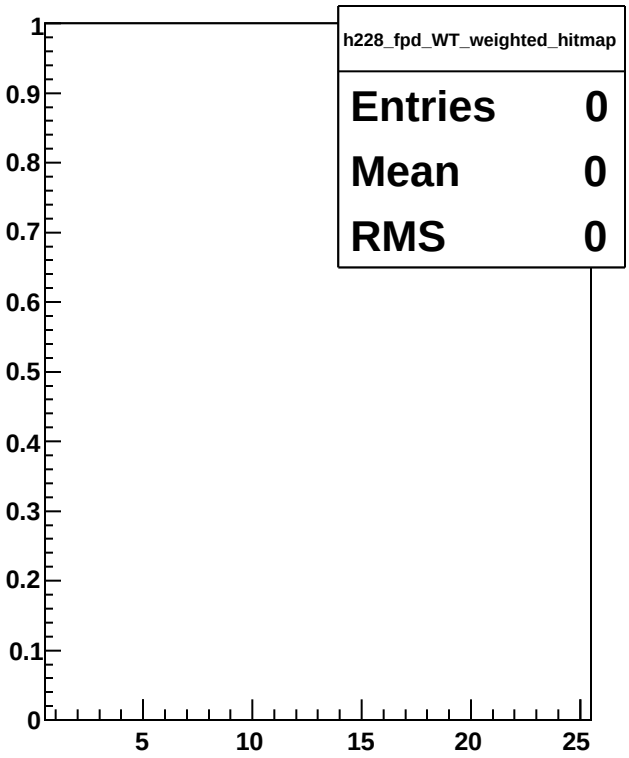

h223_fpd_ES_weighted_hitmap
Entries 0
Mean 0
RMS 0

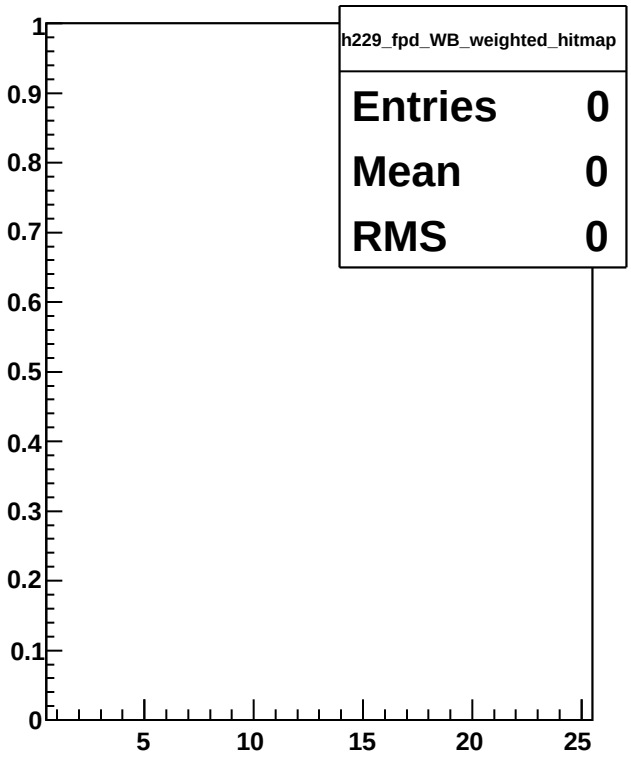

h224_fpd_ET_weighted_hitmap
Entries 0
Mean 0
RMS 0

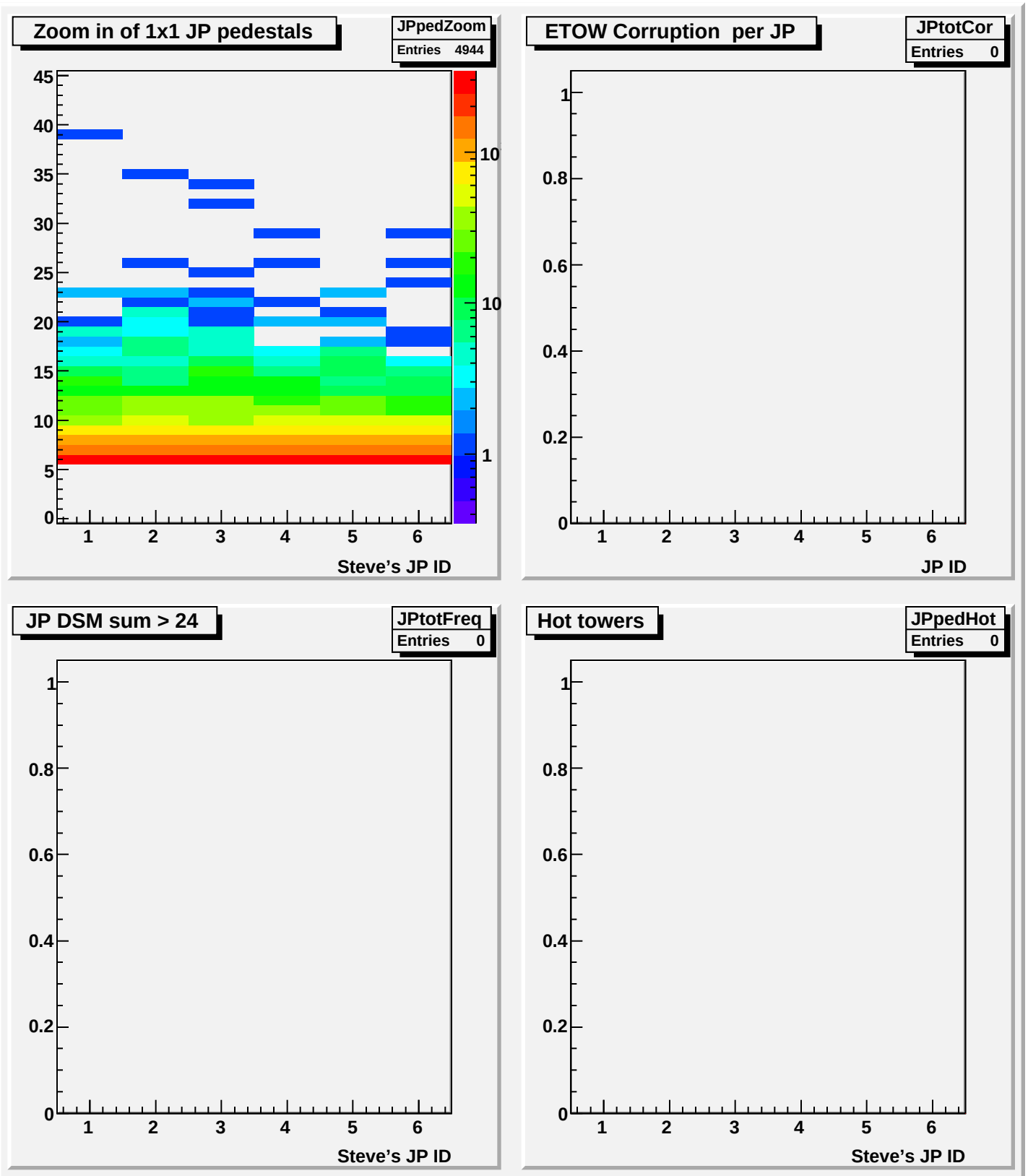

h225_fpd_EB_weighted_hitmap
Entries 0
Mean 0
RMS 0


h226_fpd_WN_weighted_hitmap
Entries 0
Mean 0
RMS 0


h227_fpd_WS_weighted_hitmap
Entries 0
Mean 0
RMS 0


h228_fpd_WT_weighted_hitmap
Entries 0
Mean 0
RMS 0


h229_fpd_WB_weighted_hitmap
Entries 0
Mean 0
RMS 0



ETOW masked (cr-ch-name): 1-97-12TC05, 4-117-07TC05, 4-18-06TA03, 2-98-02TC06, 6-67-11TB08,

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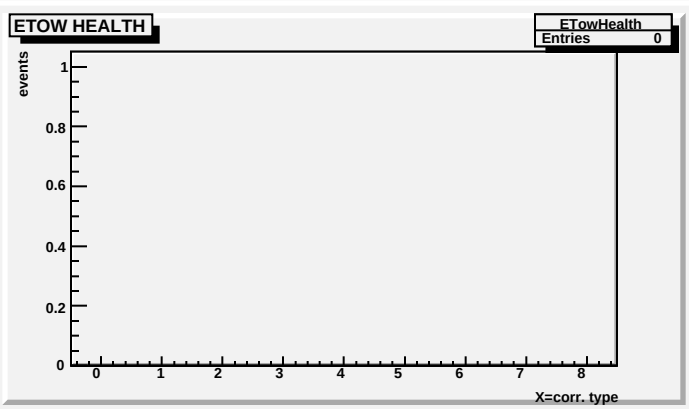
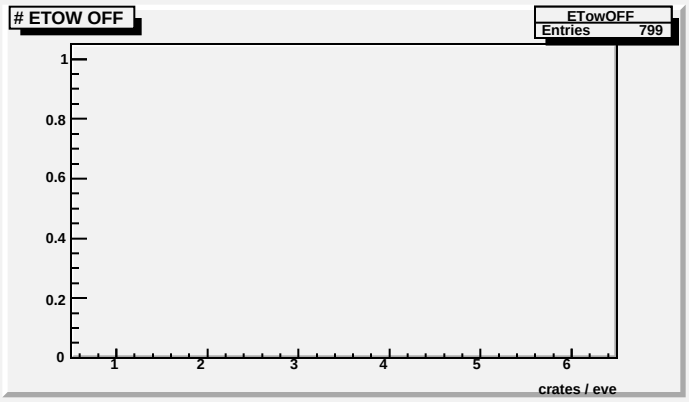
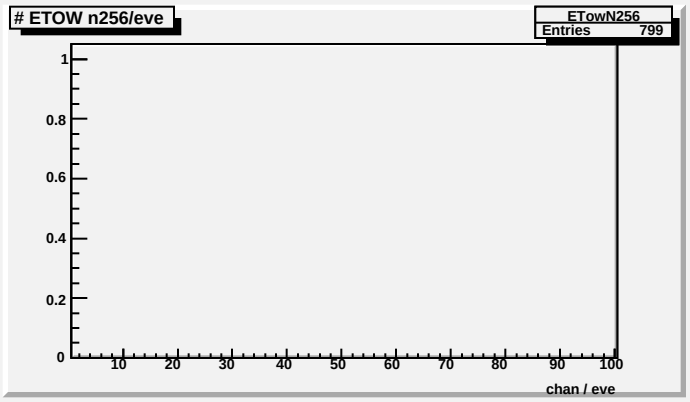
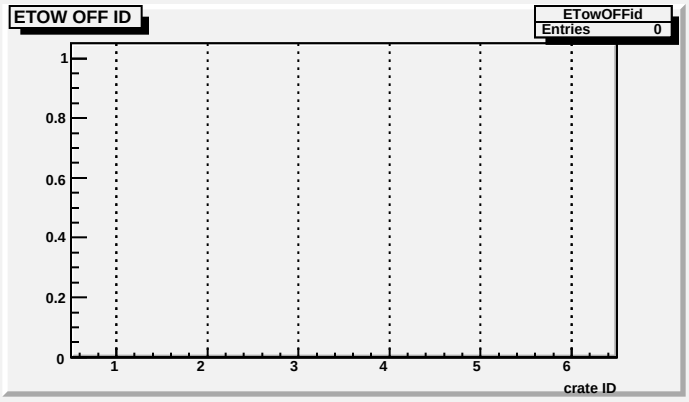
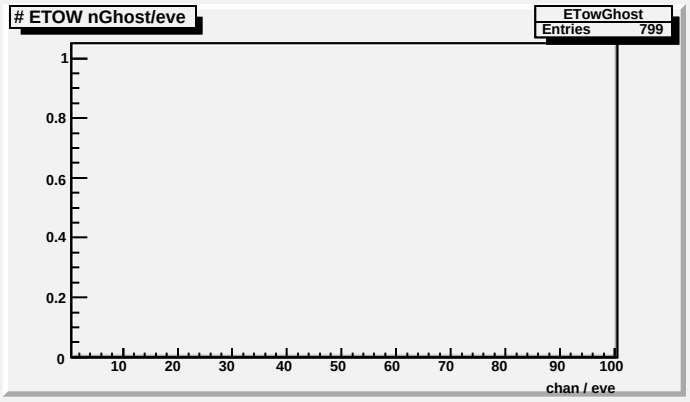

ETOW HEALTH
ETowHealth
Entries 0
events
X=corr. type

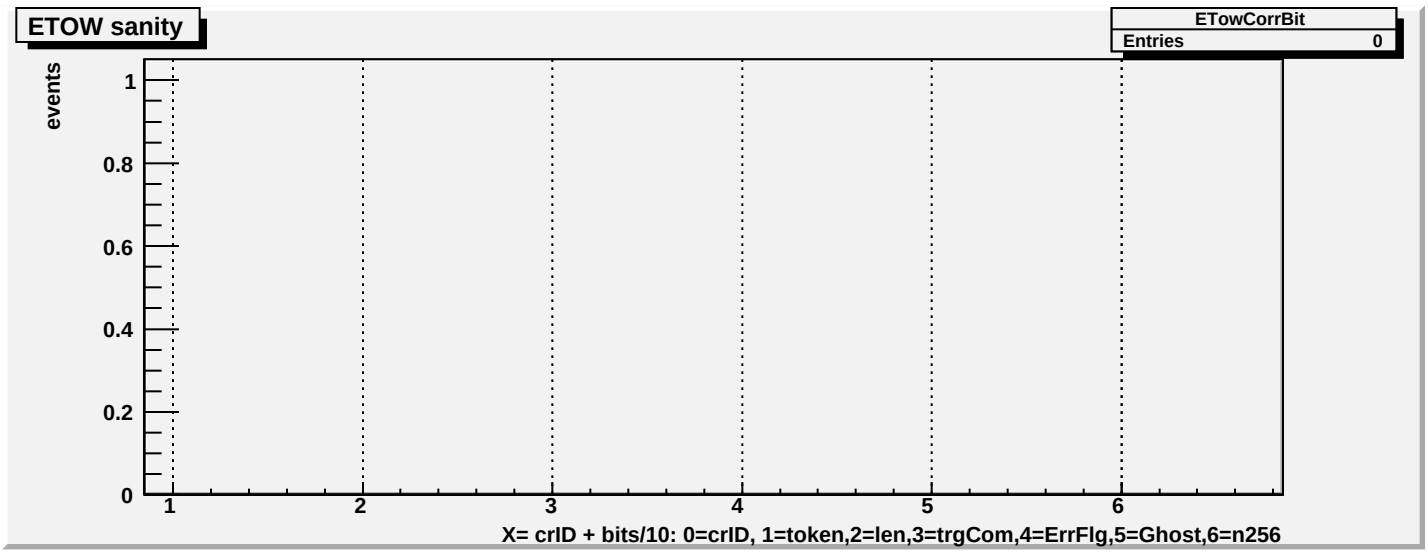
ETOW head corr
ETowHeadCorr
Entries 799
crates / eve

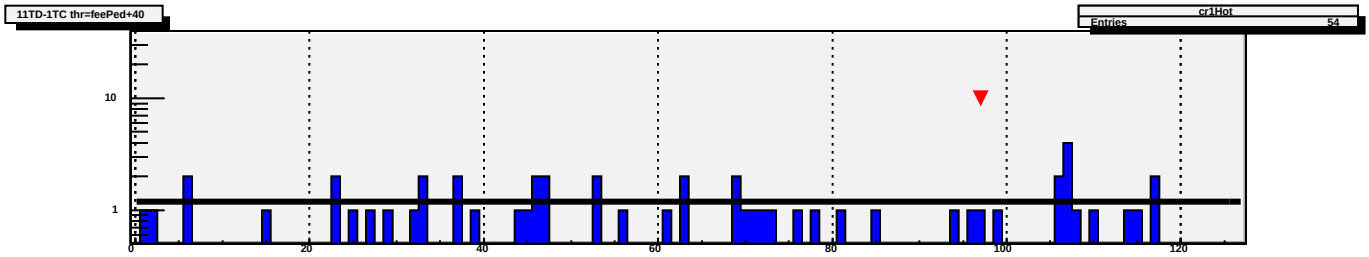

ETOW OFF
ETowOFF
Entries 799
crates / eve

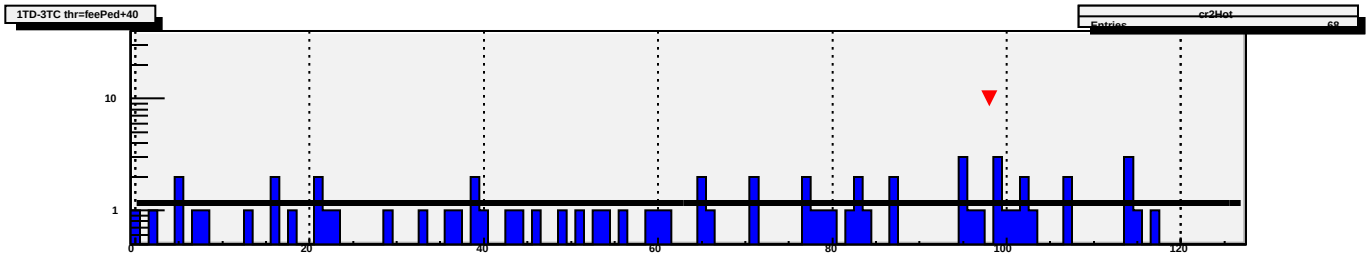

ETOW n256/eve
ETowN256
Entries 799
chan / eve

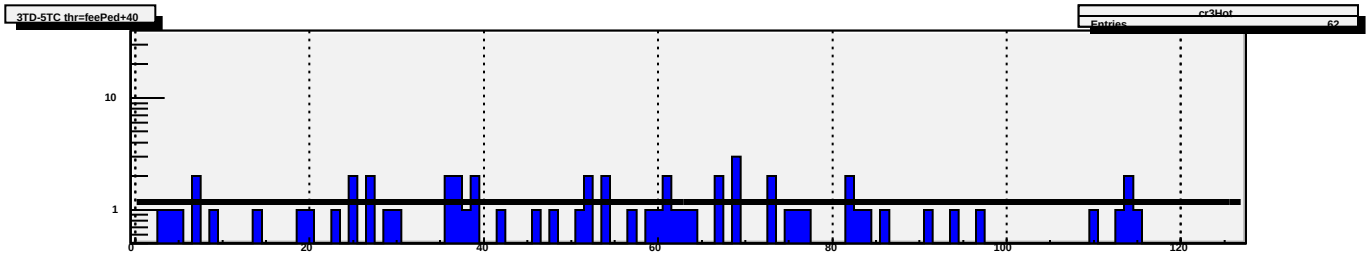

ETOW OFF ID
ETowOFFid
Entries 0
crate ID

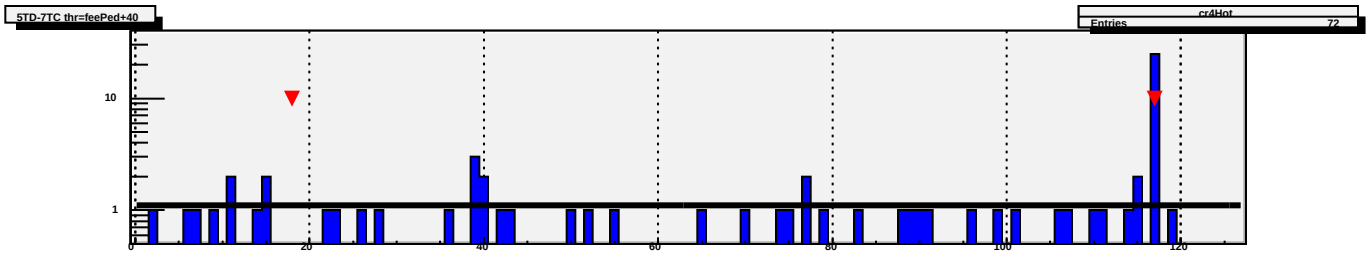

ETOW nGhost/eve
ETowGhost
Entries 799
chan / eve

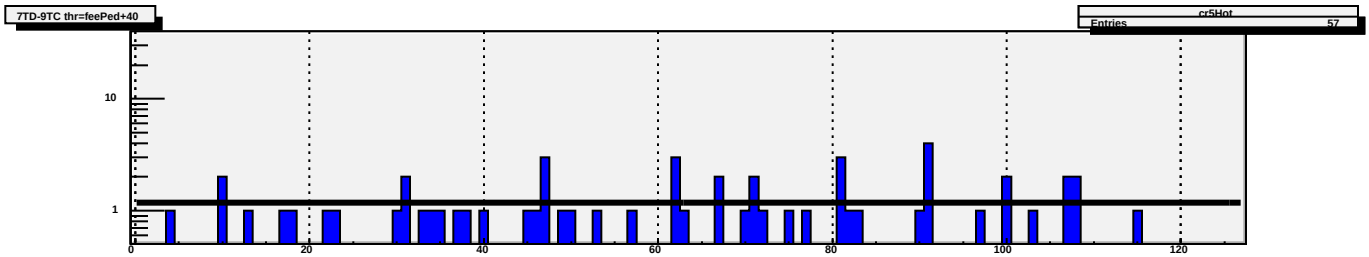

ETOW sanity
ETowCorrBit
Entries 0
events
X= crID + bits/10: 0=crID, 1=token,2=len,3=trgCom,4=ErrFlg,5=Ghost,6=n256

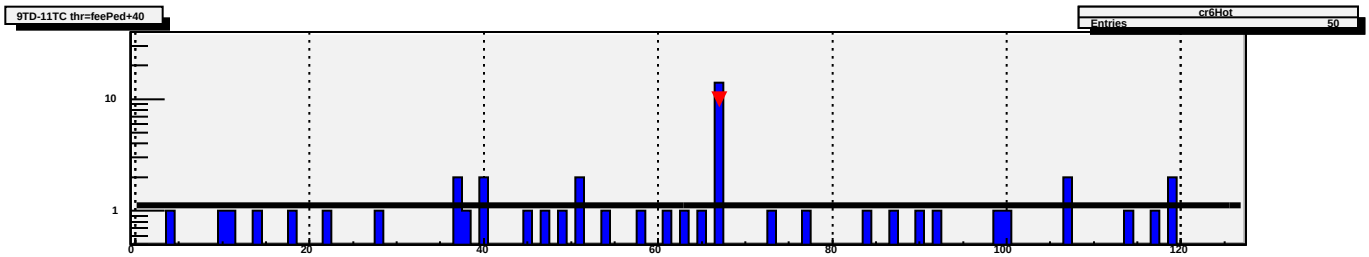

11TD-1TC thr=feePed+40
cr1Hot
Entries 54
10
1
0
20
40
60
80
100
120

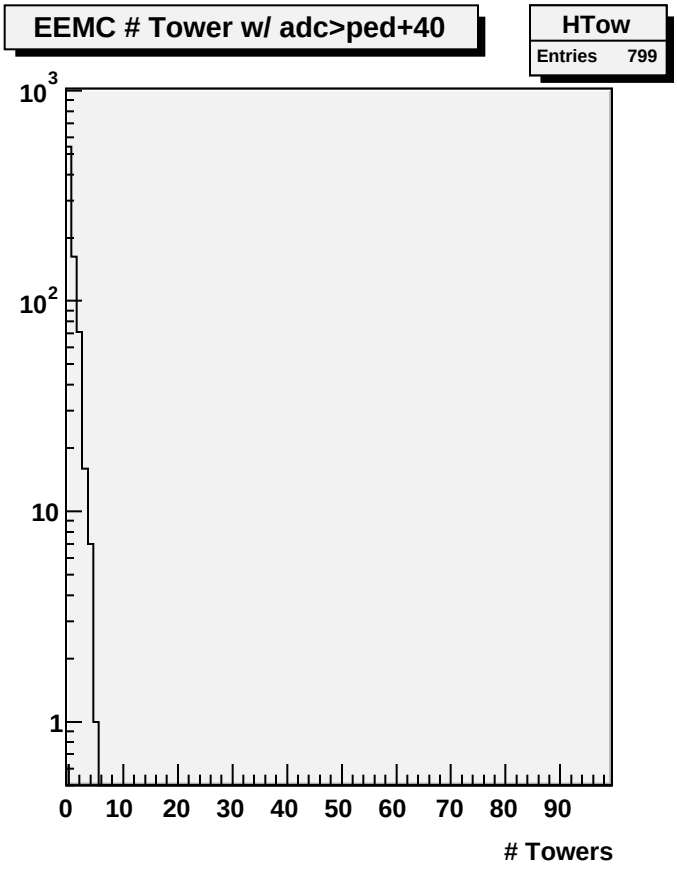

1TD-3TC thr=feePed+40
cr2Hot
Entries 69
10
1
0
20
40
60
80
100
120

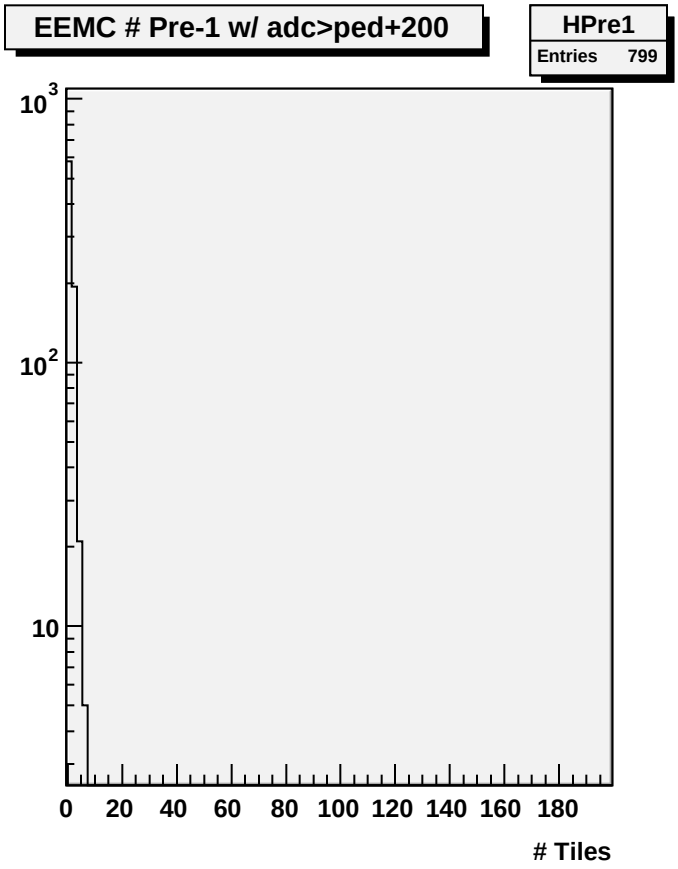

3TD-5TC thr=feePed+40
cr3Hot
Entries 62
10
1
0
20
40
60
80
100
120

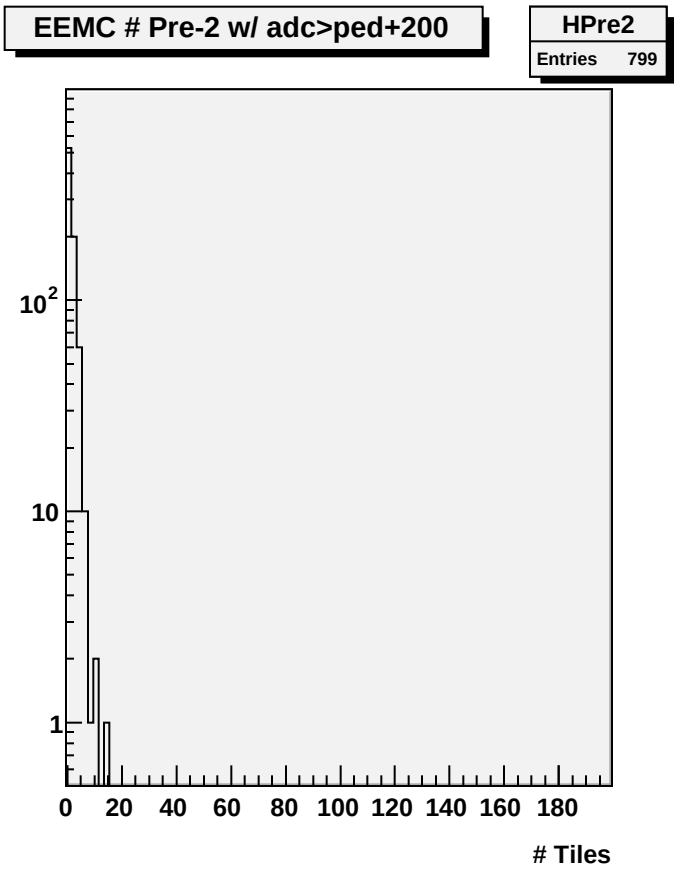

5TD-7TC thr=feePed+40
cr4Hot
Entries 72
10
1
0
20
40
60
80
100
120

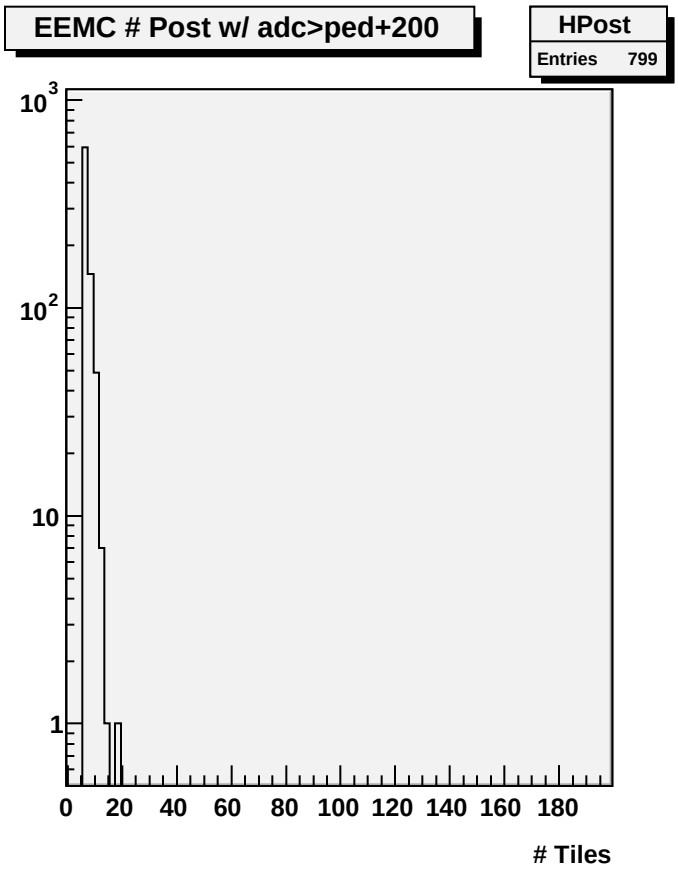

7TD-9TC thr=feePed+40
cr5Hot
Entries 57
10
1
0
20
40
60
80
100
120

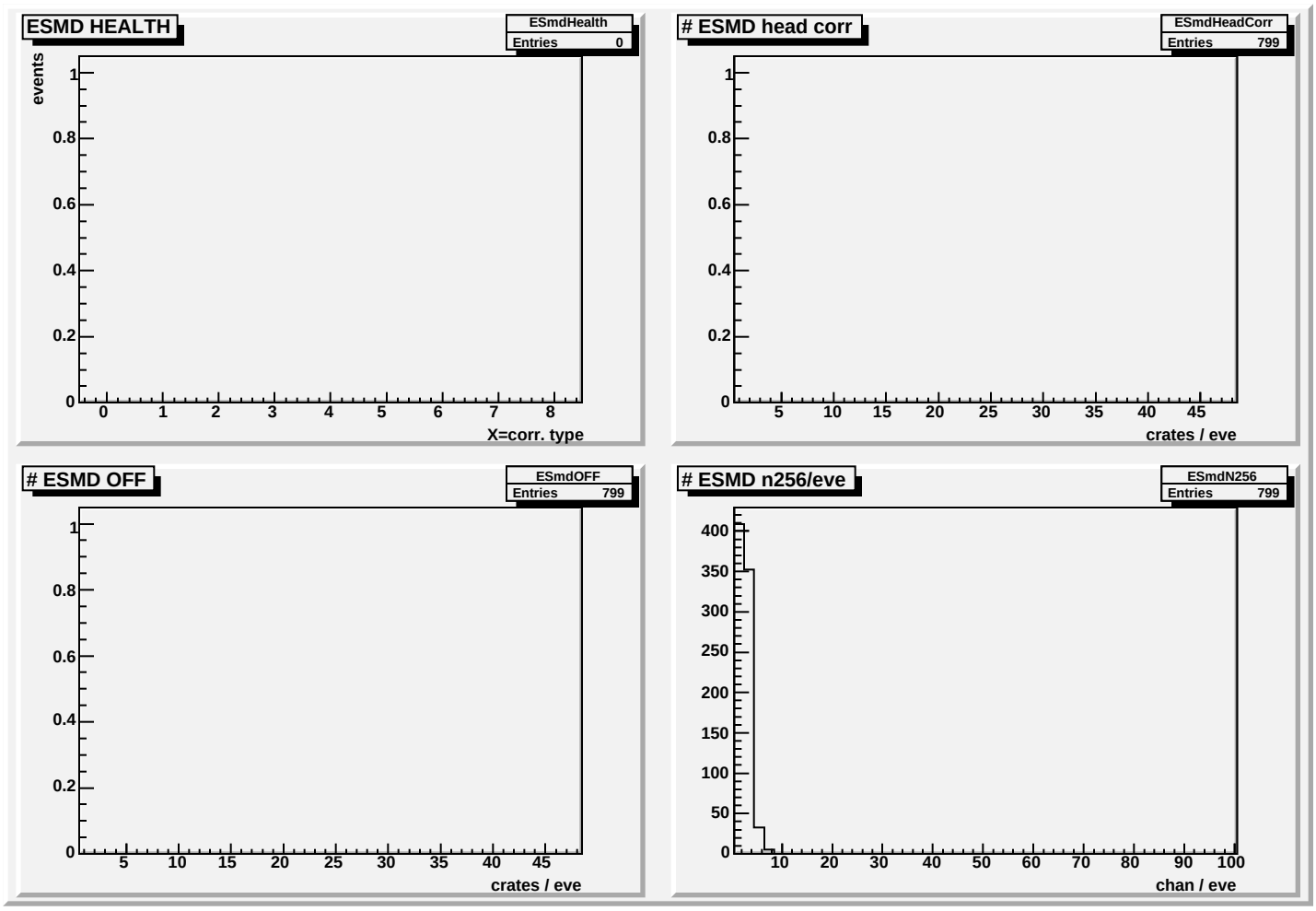

9TD-11TC thr=feePed+40
cr6Hot
Entries 50
10
1
0
20
40
60
80
100
120

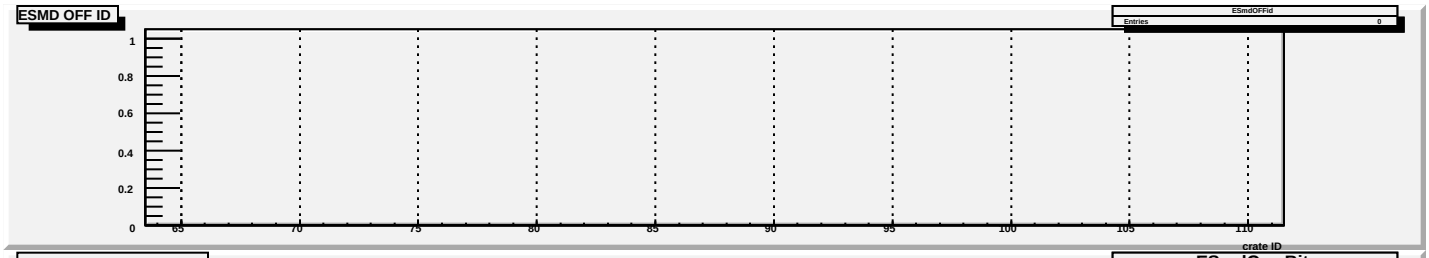

EEMC # Tower w/ adc>ped+40
HTow
Entries 799
10^3
10^2
10
1
0 10 20 30 40 50 60 70 80 90
Towers

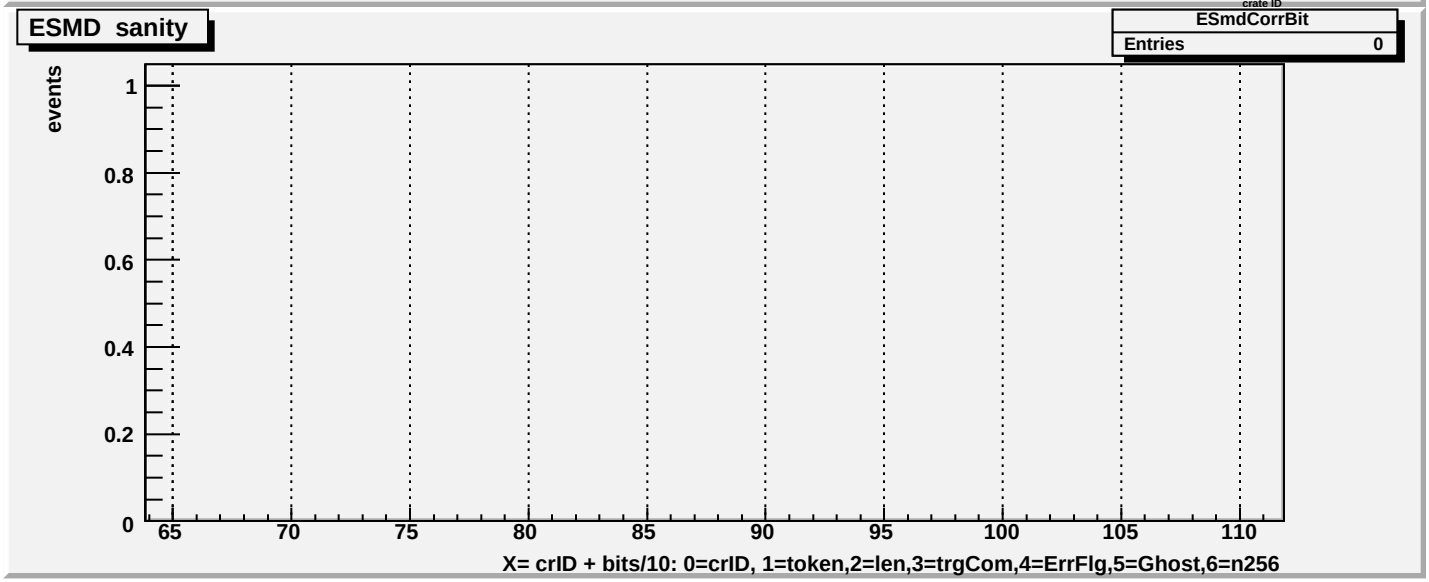

EEMC # Pre-1 w/ adc>ped+200
HPre1
Entries 799
10^3
10^2
10
0 20 40 60 80 100 120 140 160 180
Tiles

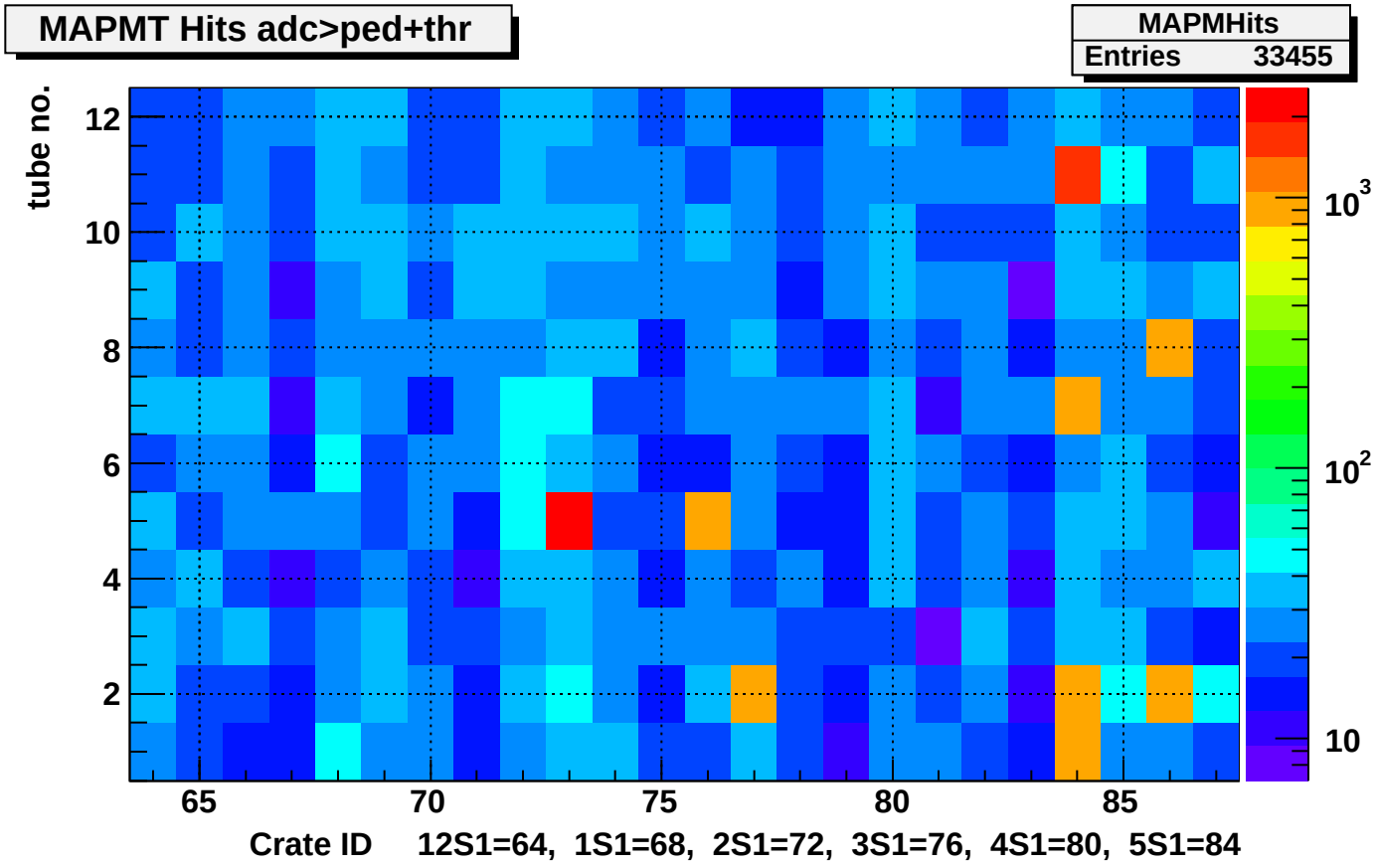

EEMC # Pre-2 w/ adc>ped+200
HPre2
Entries 799
10^2
10
1
0 20 40 60 80 100 120 140 160 180
Tiles

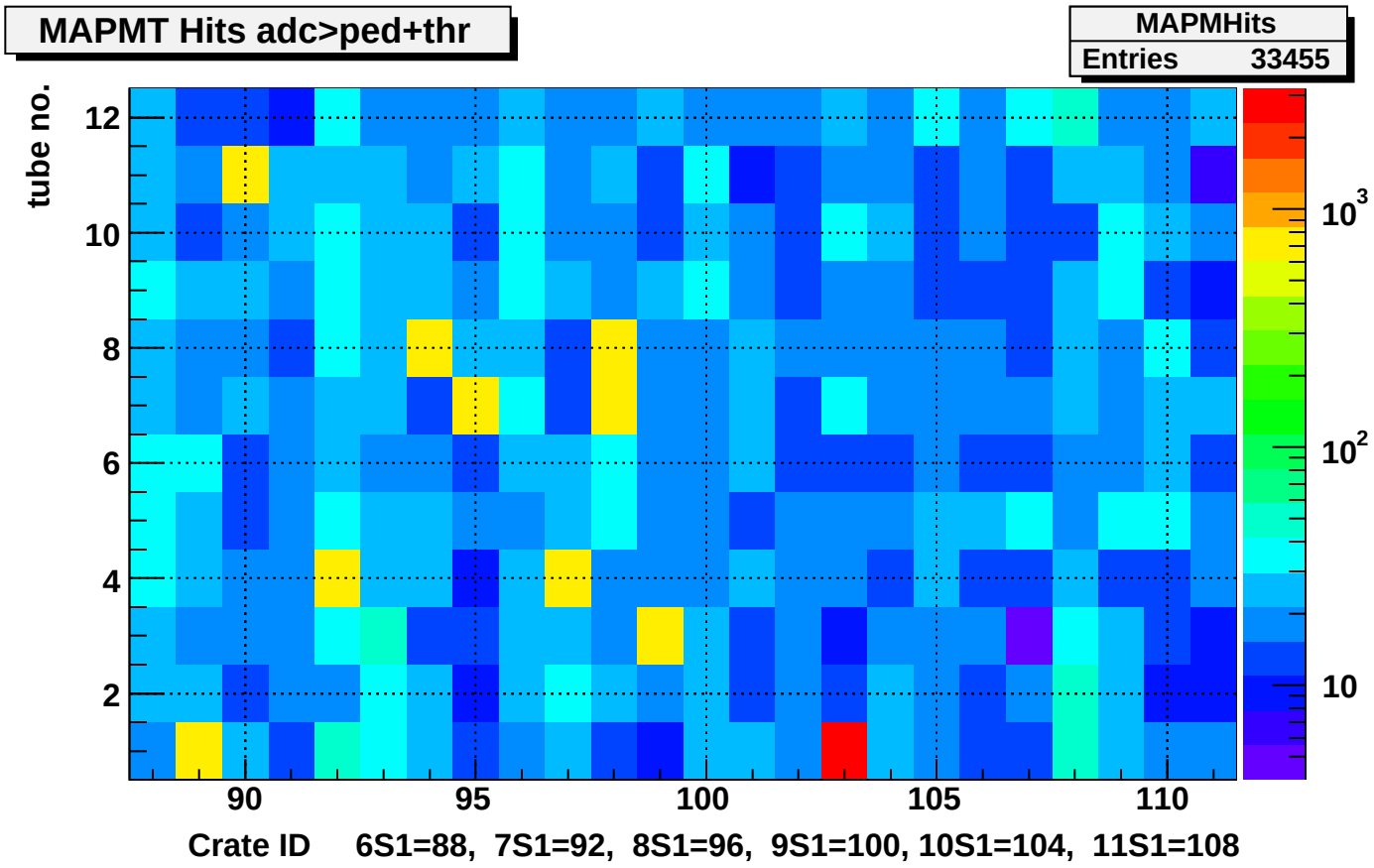

EEMC # Post w/ adc>ped+200
HPost
Entries 799
10^3
10^2
10
1
0 20 40 60 80 100 120 140 160 180
Tiles

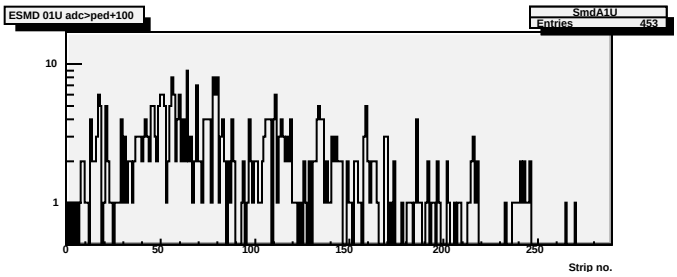

ESMD HEALTH
ESmdHealth
Entries 0
events
X=corr. type
# ESMD head corr
ESmdHeadCorr
Entries 799
crates / eve
ESMD OFF
ESmdOFF
Entries 799
crates / eve
ESMD n256/eve
ESmdN256
Entries 799
chan / eve

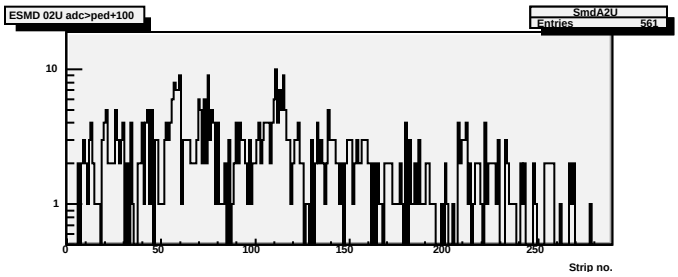

ESMD OFF ID
ESmdOFFId
Entries 0
crate ID

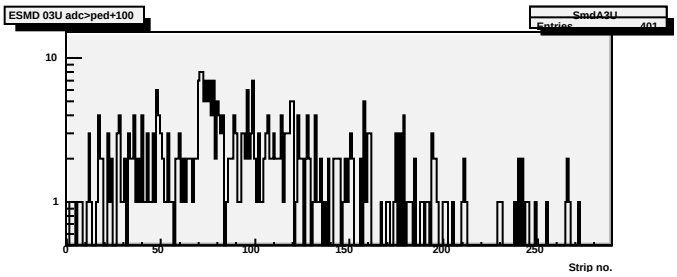

ESMD sanity
ESmdCorrBit
Entries 0
events
X= crID + bits/10: 0=crID, 1=token,2=len,3=trgCom,4=ErrFlg,5=Ghost,6=n256

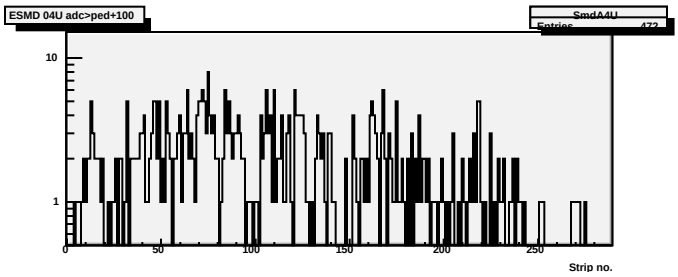

MAPMT Hits adc>ped+thr
MAPMHits
Entries 33455
tube no.
12
10
8
6
4
2
65
70
75
80
85
Crate ID 12S1=64, 1S1=68, 2S1=72, 3S1=76, 4S1=80, 5S1=84
10^3
10^2
10

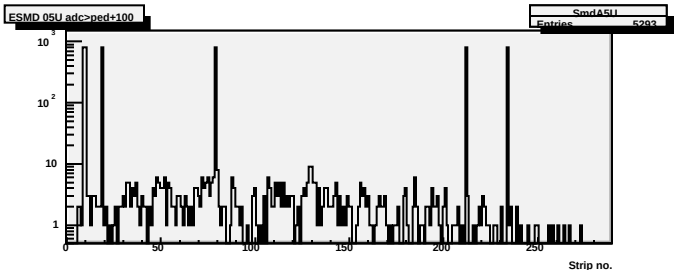

MAPMT Hits adc>ped+thr
MAPMHits
Entries 33455
tube no.
12
10
8
6
4
2
90
95
100
105
110
Crate ID 6S1=88, 7S1=92, 8S1=96, 9S1=100, 10S1=104, 11S1=108
10^3
10^2
10

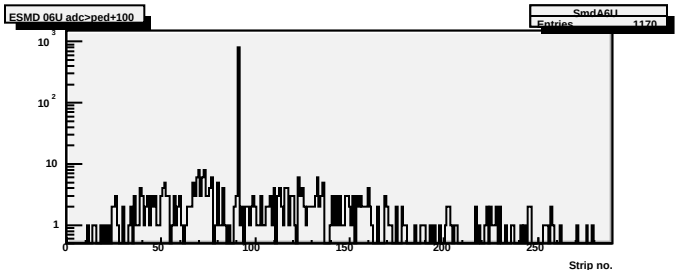

ESMD 01U adc>ped+100
SmdA1U
Entries 453
Strip no.

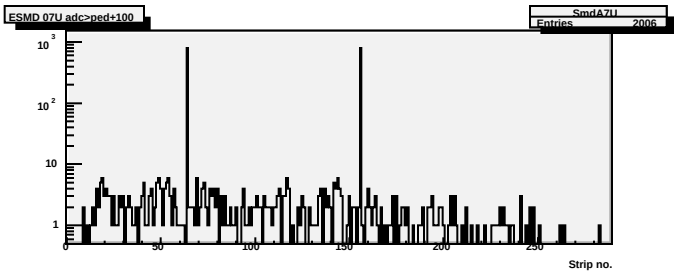

ESMD 02U adc>ped+100
SmdA2U
Entries 561
Strip no.

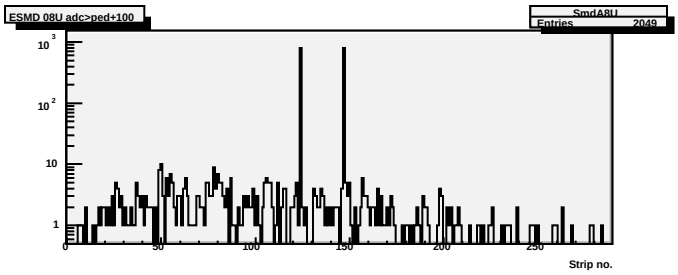

ESMD 03U adc>ped+100
SmdA3U
Entries 401
Strip no.

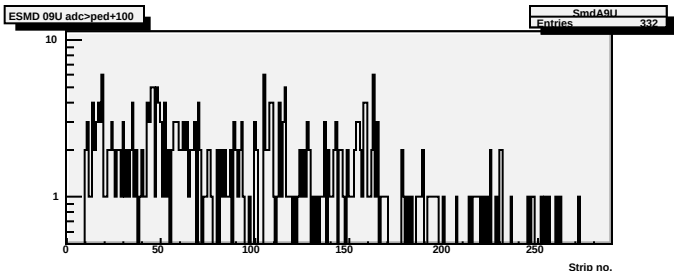

ESMD 04U adc>ped+100
SmdA4U
Entries 472
Strip no.

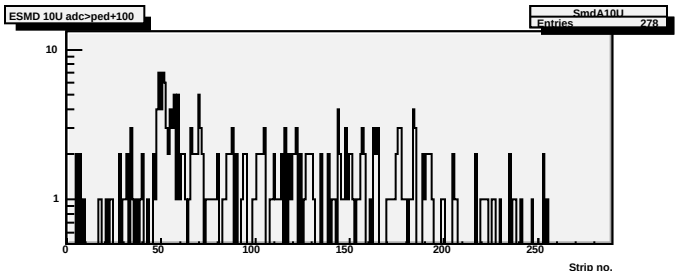

ESMD 05U adc>ped+100
SmdA5U
Entries 5293
Strip no.

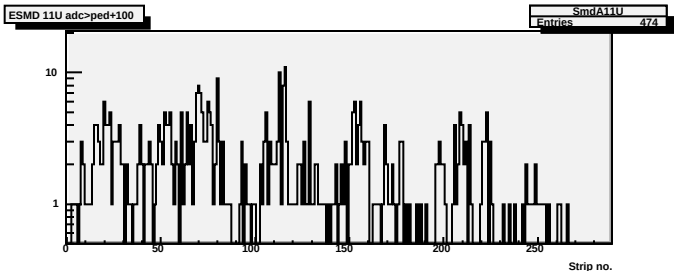

ESMD 06U adc>ped+100
SmdA6U
Entries 1170
Strip no.

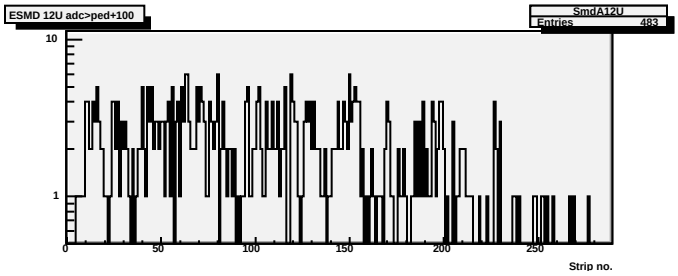

ESMD 07U adc>ped+100
SmdA7U
Entries 2006
Strip no.

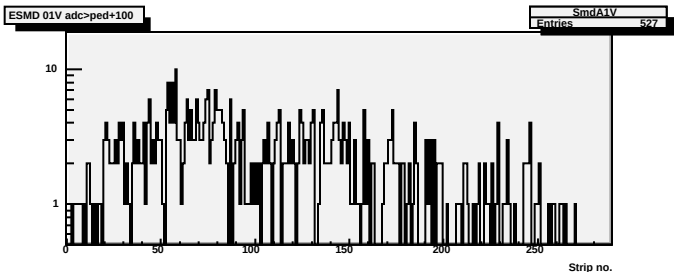

ESMD 08U adc>ped+100
SmdA8U
Entries 2049
Strip no.

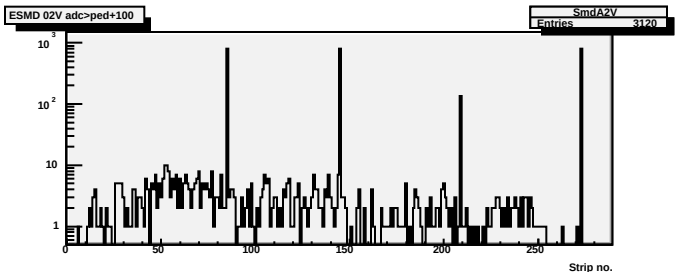

ESMD 09U adc>ped+100
SmdA9U
Entries 332
Strip no.

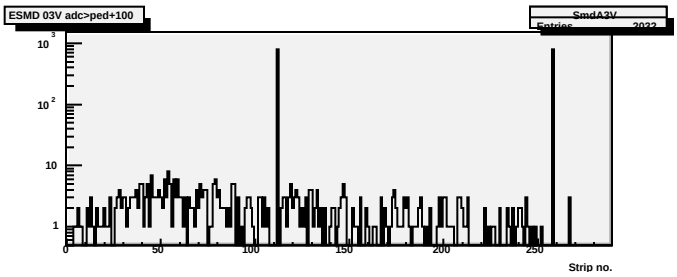

ESMD 10U adc>ped+100
SmdA10U
Entries 278
Strip no.

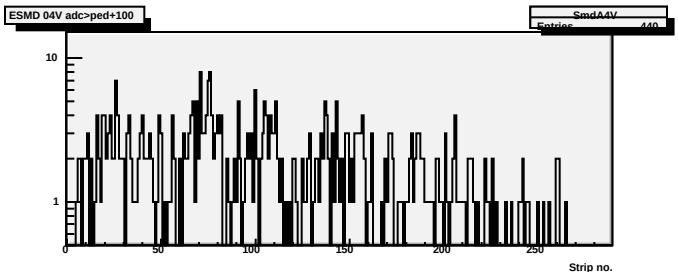

ESMD 11U adc>ped+100
SmdA11U
Entries 474
Strip no.

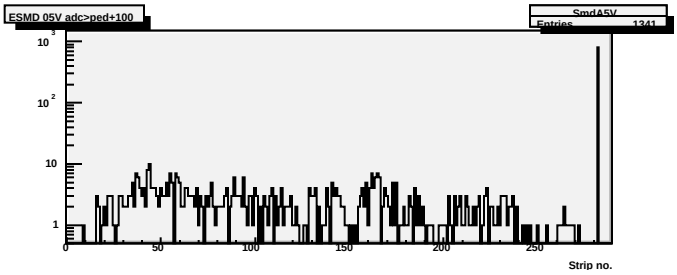

ESMD 12U adc>ped+100
SmdA12U
Entries 483
Strip no.

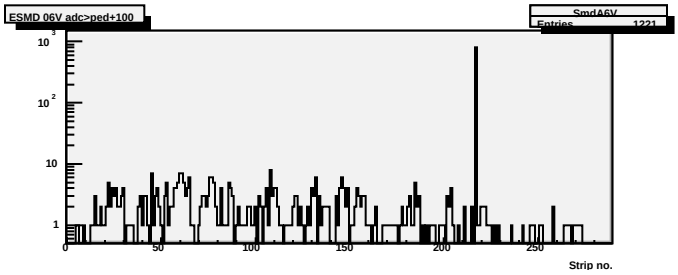

ESMD 01V adc>ped+100
SmdA1V
Entries 527
Strip no.

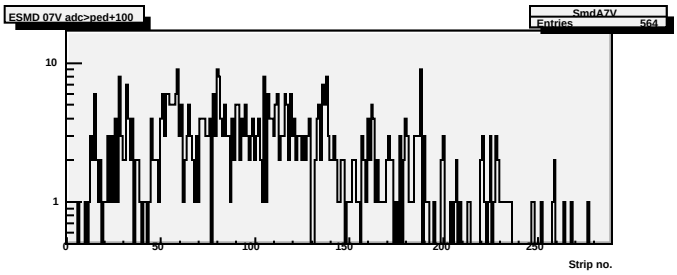

ESMD 02V adc>ped+100
SmdA2V
Entries 3120
Strip no.

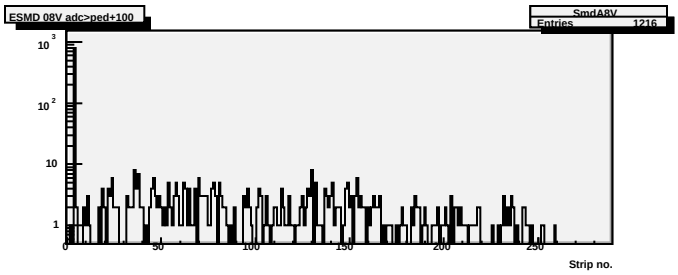

ESMD 03V adc>ped+100
SmdA3V
Entries 2032
Strip no.

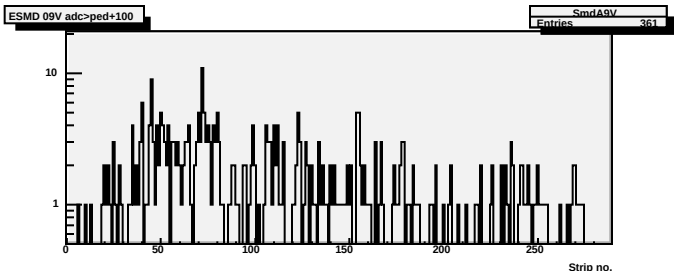

ESMD 04V adc>ped+100
SmdA4V
Entries 440
Strip no.

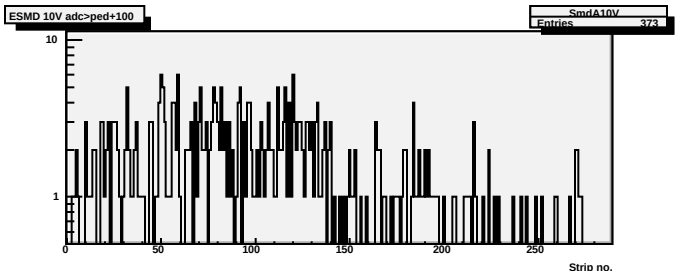

ESMD 05V adc>ped+100
SmdA5V
Entries 1341
Strip no.

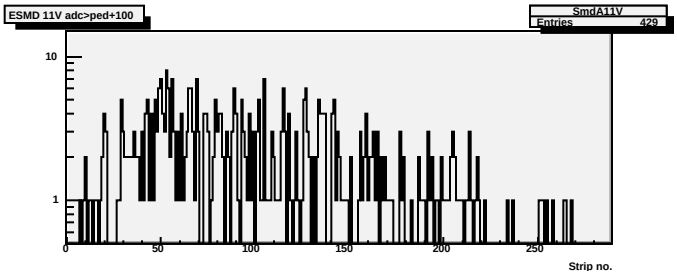

ESMD 06V adc>ped+100
SmdA6V
Entries 1221
Strip no.

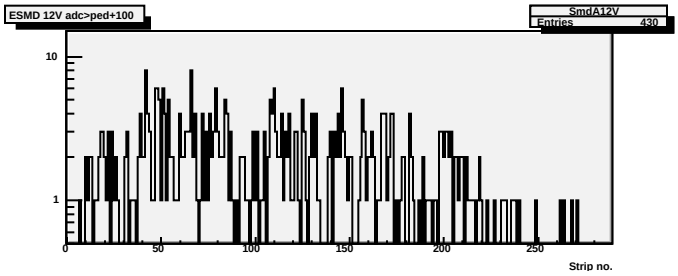

ESMD 07V adc>ped+100
SmdA7V
Entries 564
Strip no.

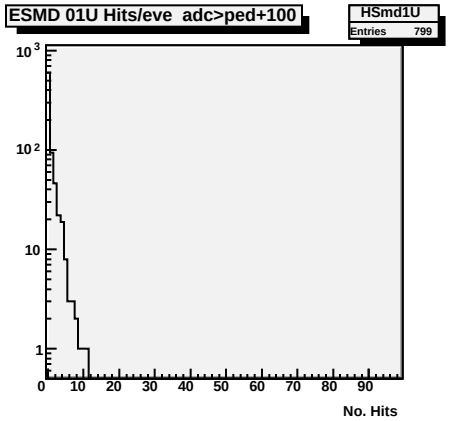

ESMD 08V adc>ped+100
SmdA8V
Entries 1216
Strip no.

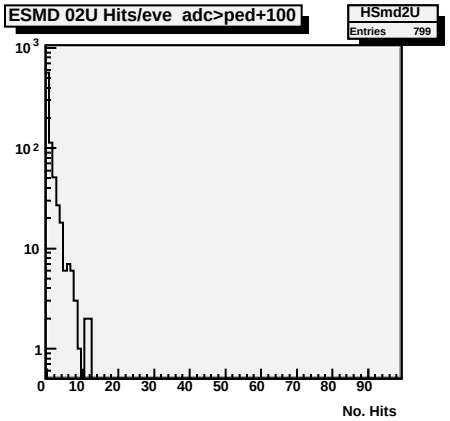

ESMD 09V adc>ped+100
SmdA9V
Entries 361
Strip no.


ESMD 10V adc>ped+100
SmdA10V
Entries 373
Strip no.


ESMD 11V adc>ped+100
SmdA11V
Entries 429
Strip no.


ESMD 12V adc>ped+100
SmdA12V
Entries 430
Strip no.


ESMD 01U Hits/eve adc>ped+100
HSmd1U
Entries 799
No. Hits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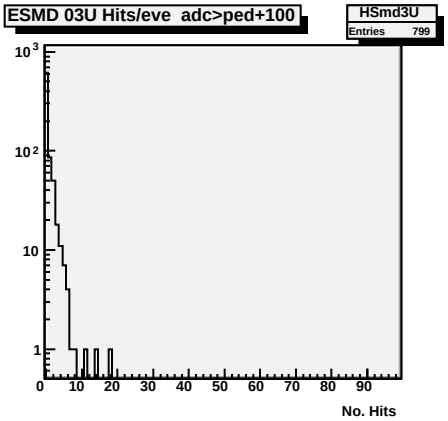
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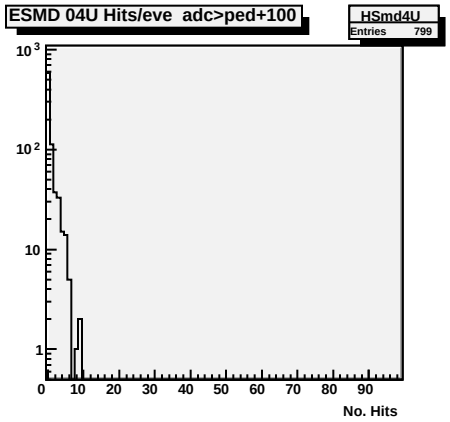
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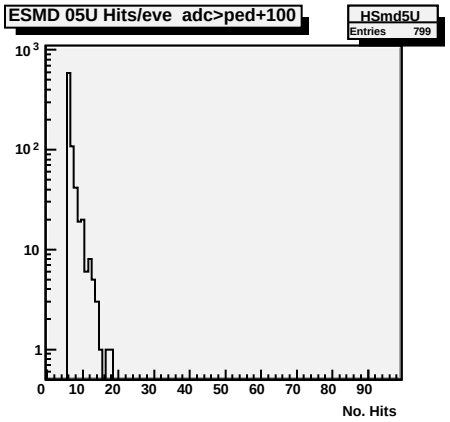
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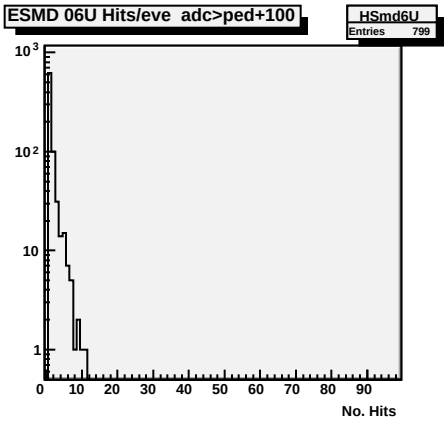
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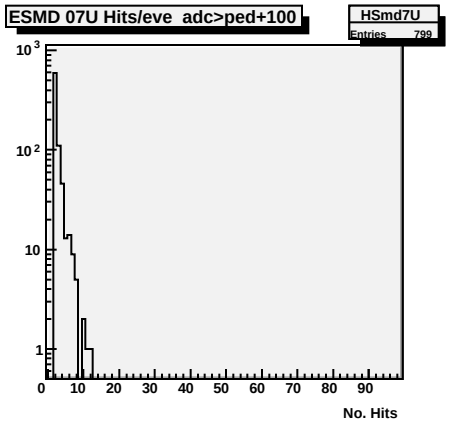
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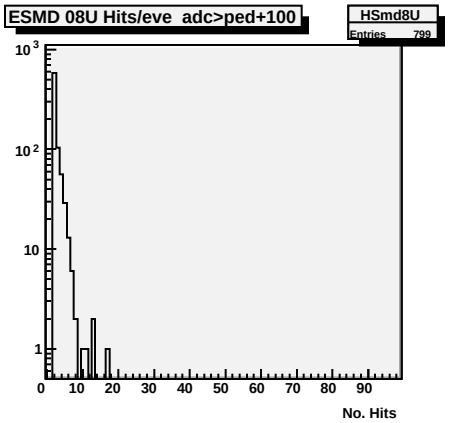
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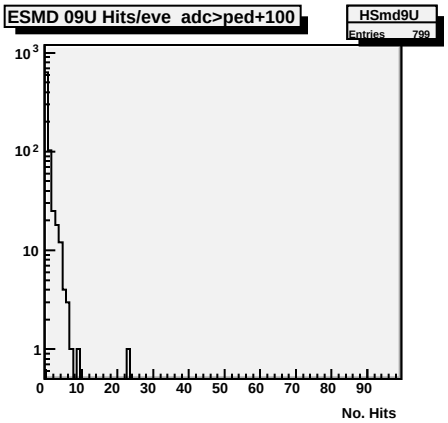
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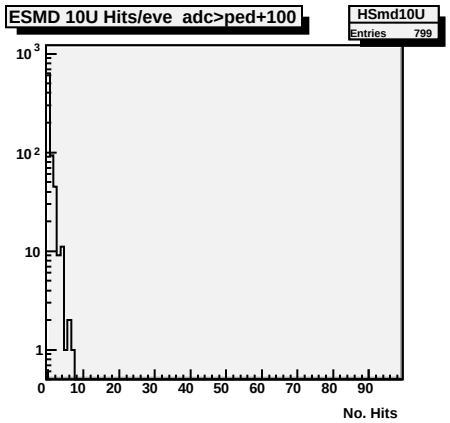
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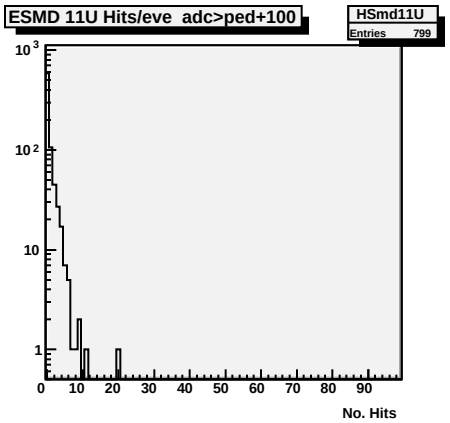
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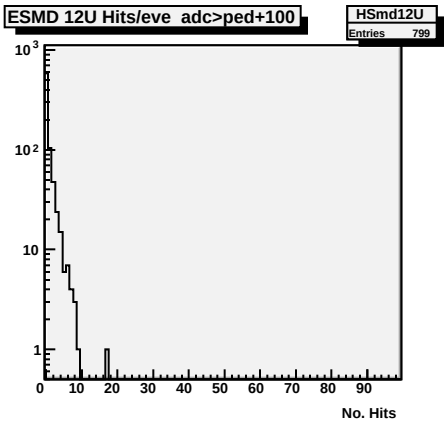
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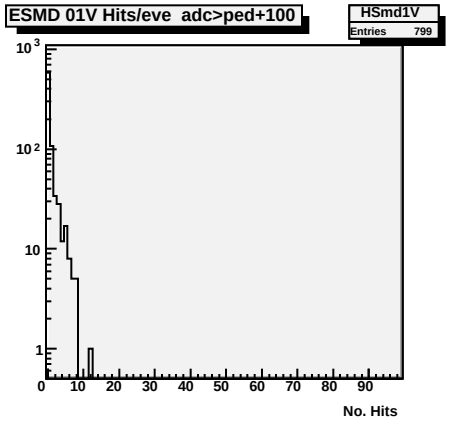
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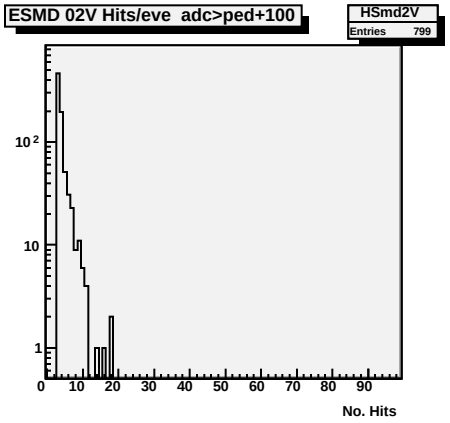
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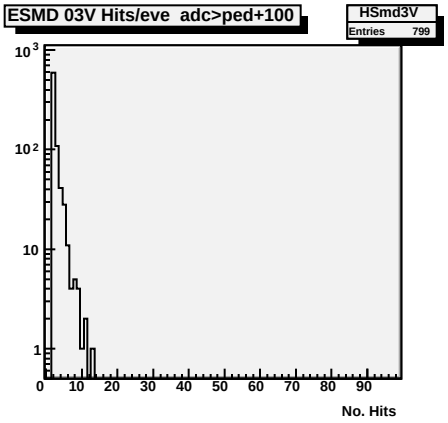
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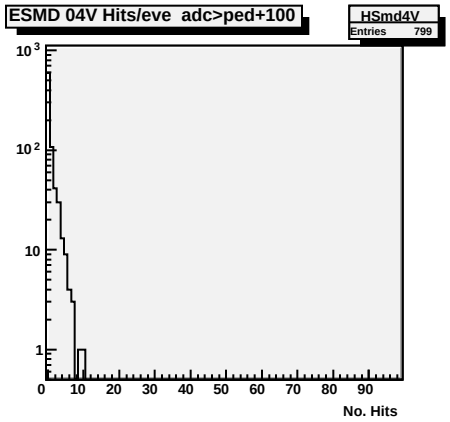
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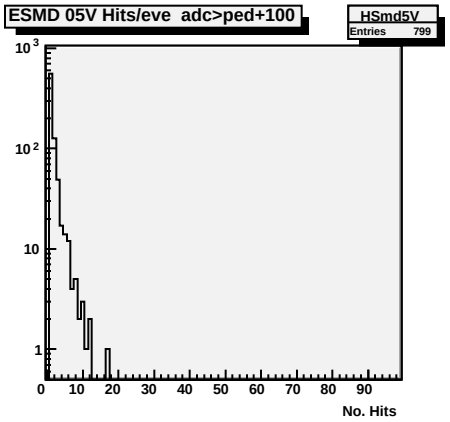
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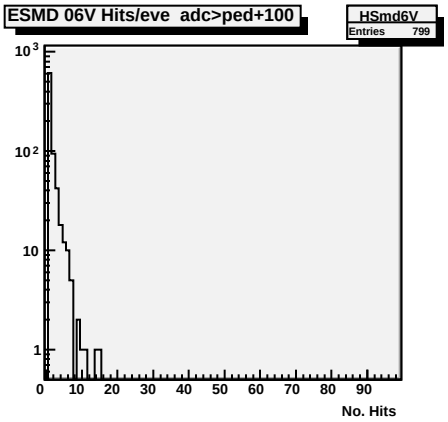
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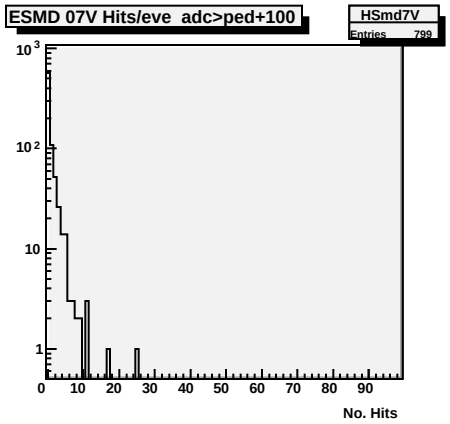
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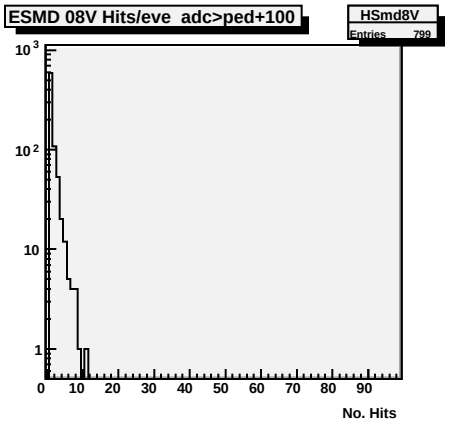
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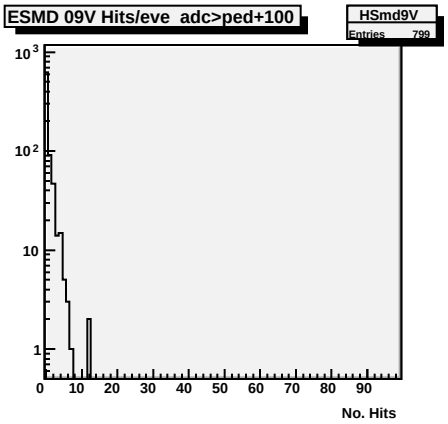
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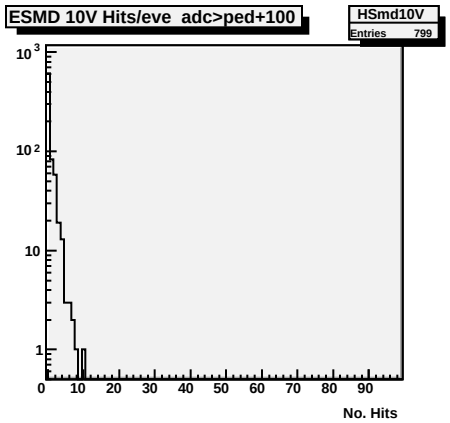
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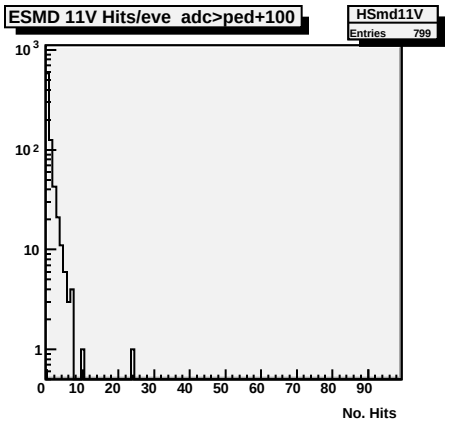
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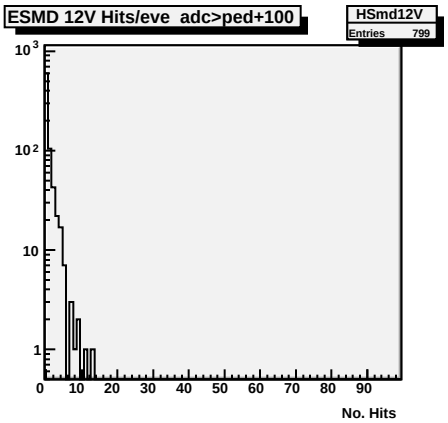
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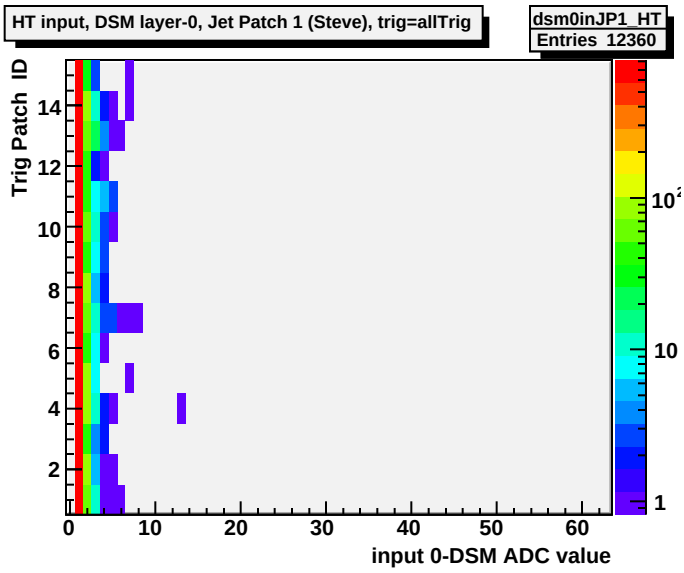
HT input, DSM layer-0, Jet Patch 1 (Steve), trig=allTrig
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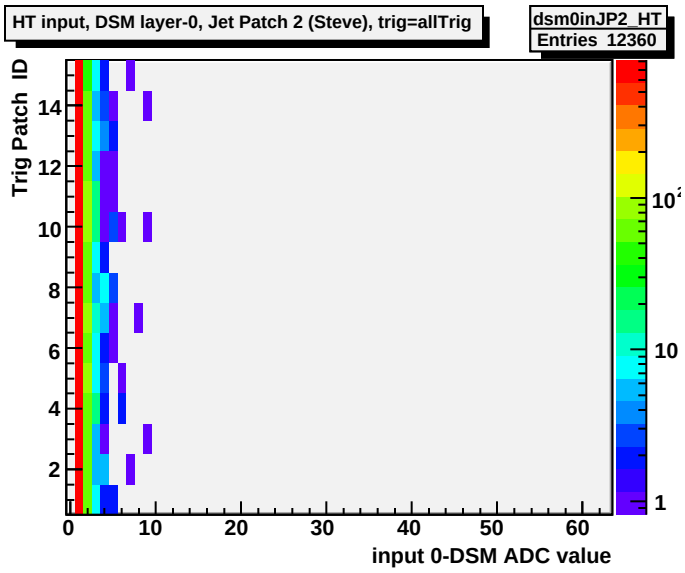
input 0-DSM ADC value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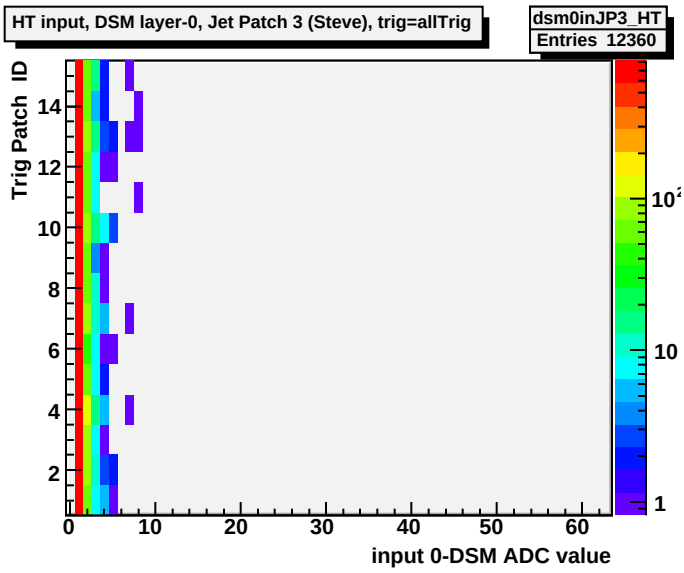
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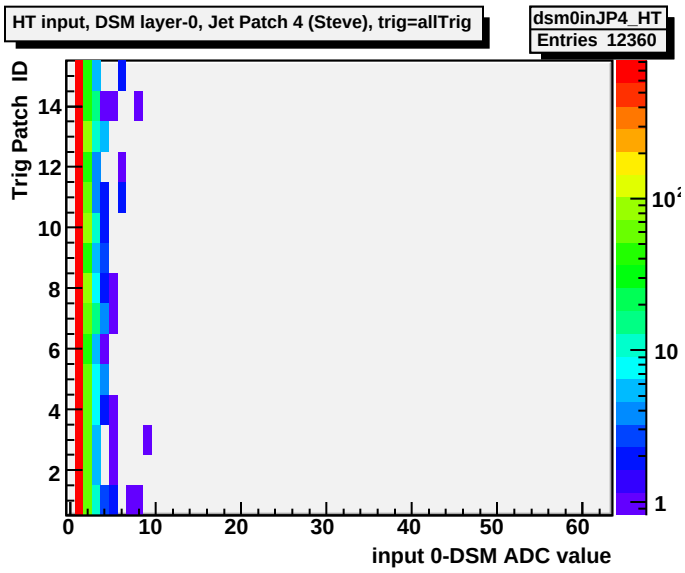
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Entries 12360
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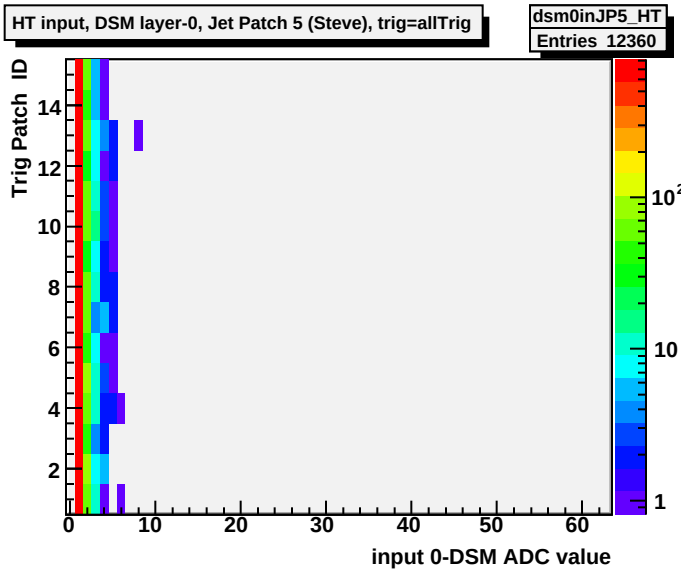
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Entries 12360
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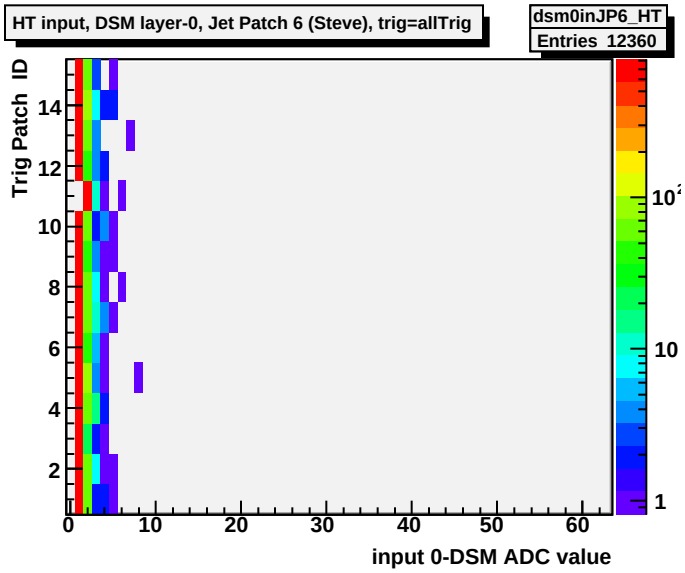
input 0-DSM ADC value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Entries 12360
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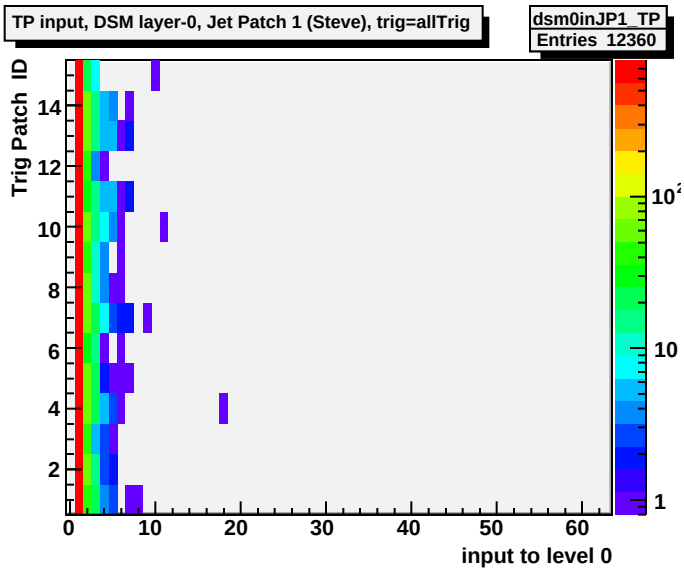
input 0-DSM ADC value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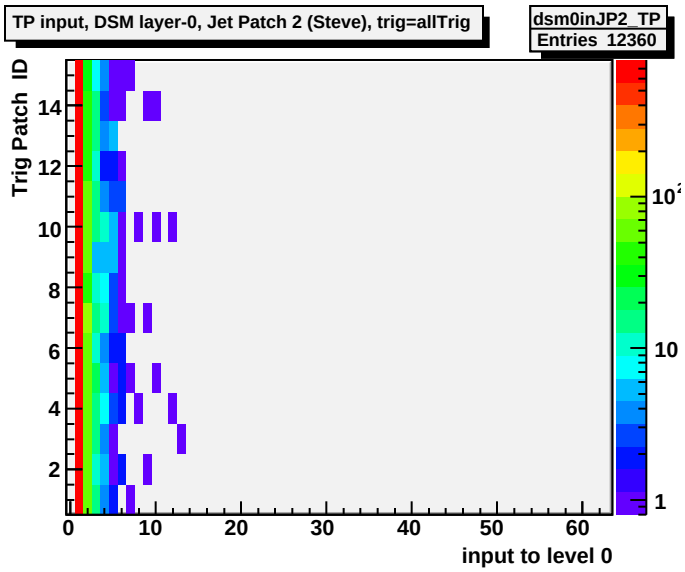
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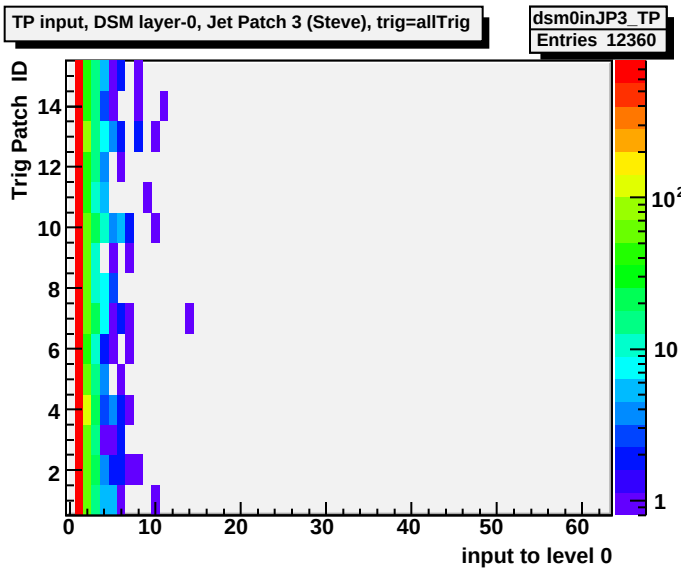
input to level 0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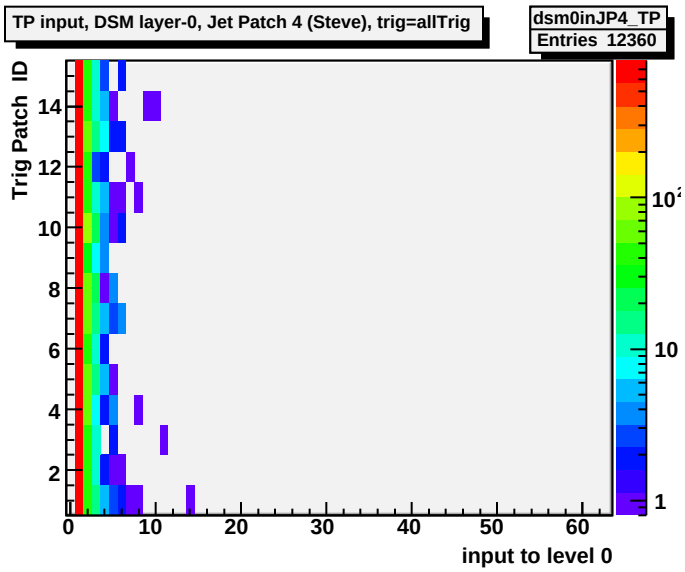
input to level 0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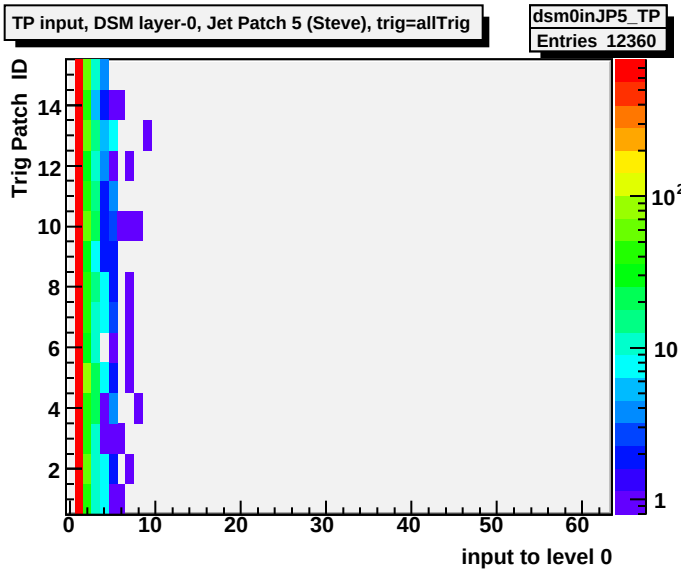
TP input, DSM layer-0, Jet Patch 5 (Steve), trig=allTrig
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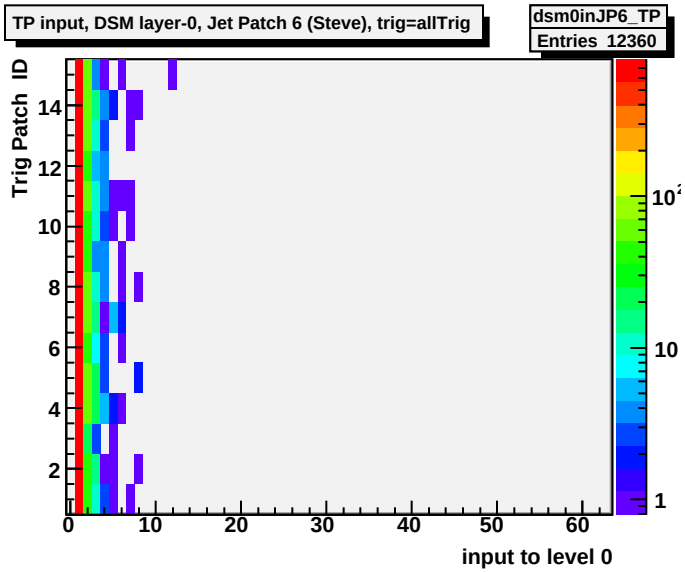
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Entries 12360
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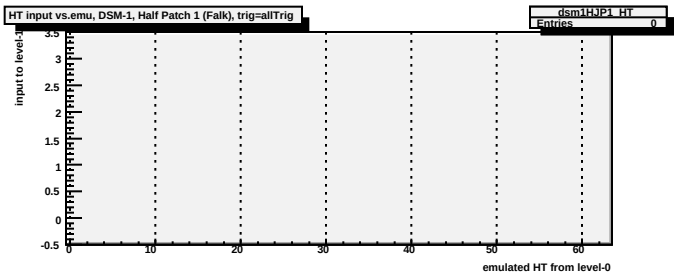
input to level 0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Entries 0
input to level-1
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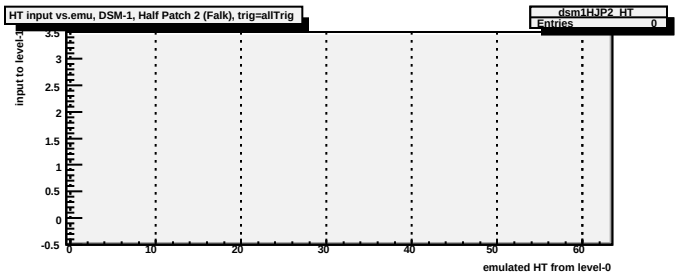
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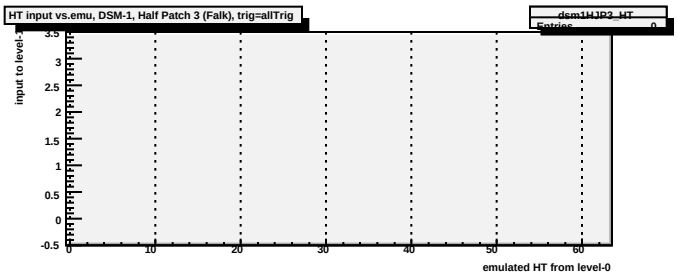
input to level-1
emulated HT from level-0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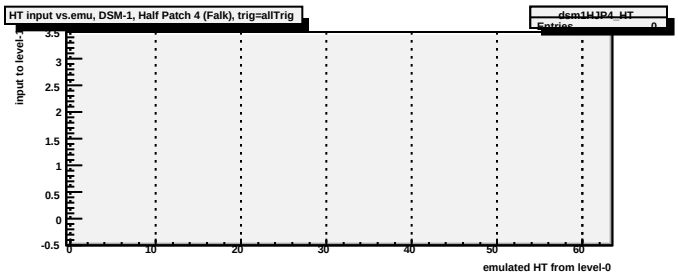
input to level-1
emulated HT from level-0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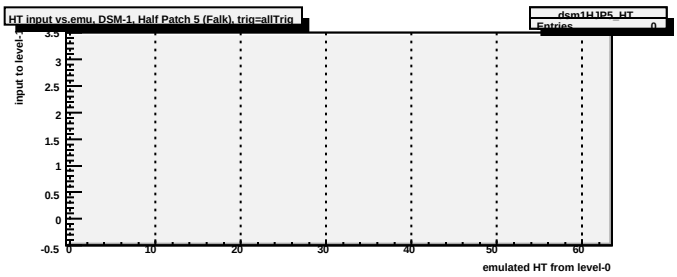
Entries 0
input to level-1
emulated HT from level-0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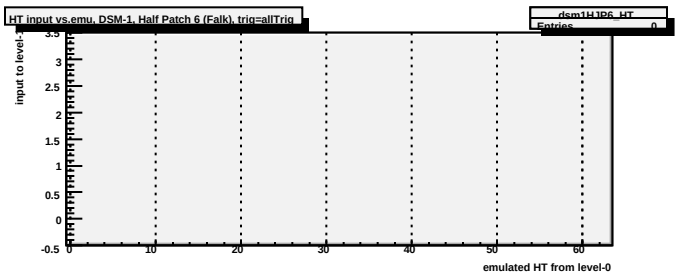
Entries 0
input to level-1
emulated HT from level-0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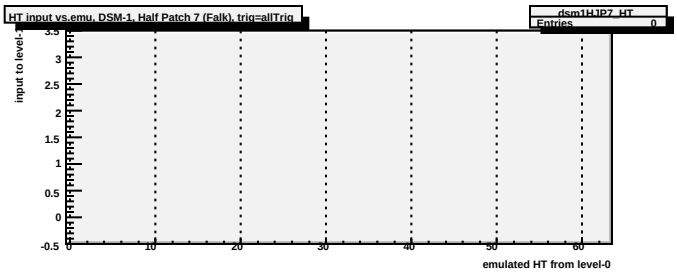
Entries 0
input to level-1
emulated HT from level-0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Entries 0
input to level-1
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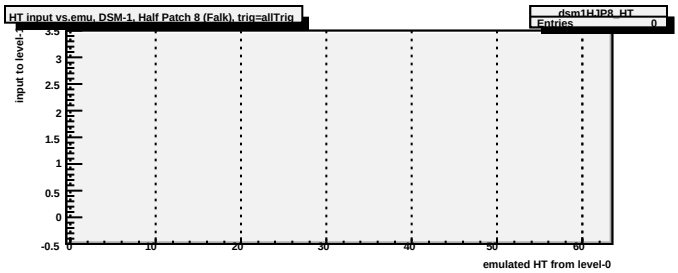
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Entries 0
input to level-1
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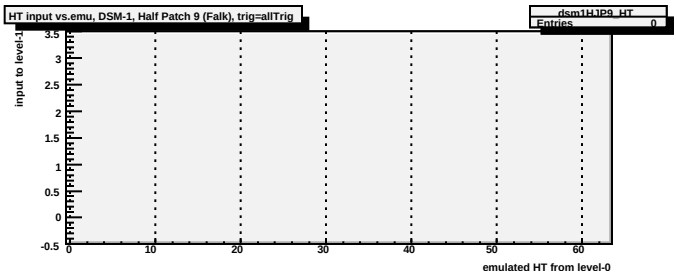
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Entries 0
input to level-1
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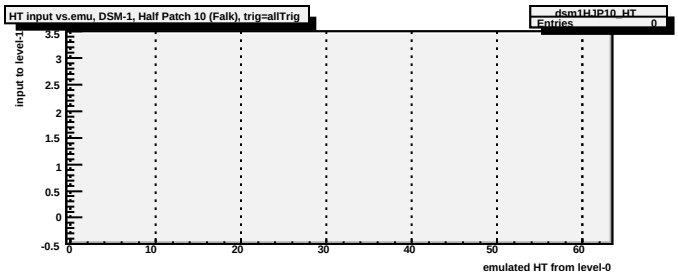
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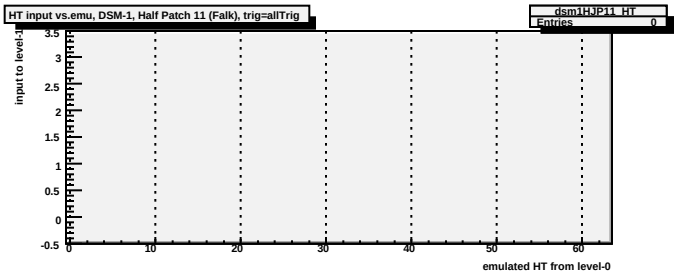
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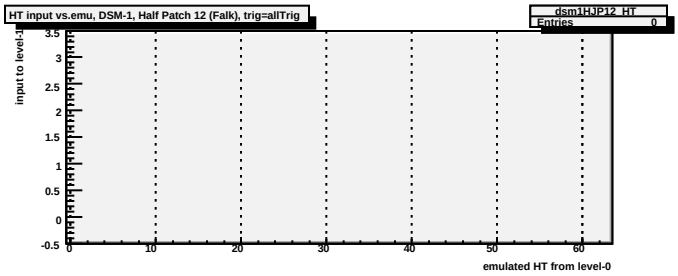
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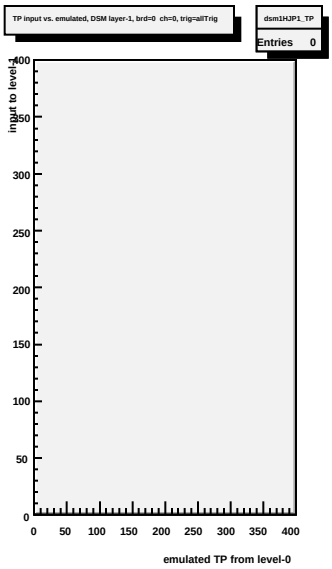
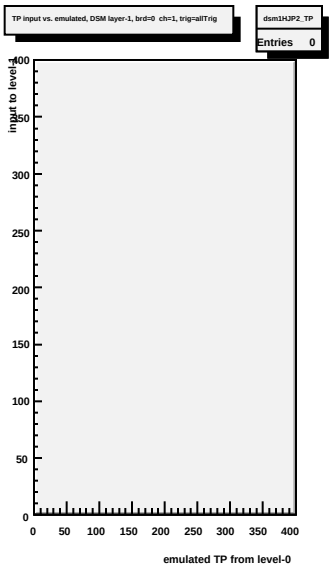
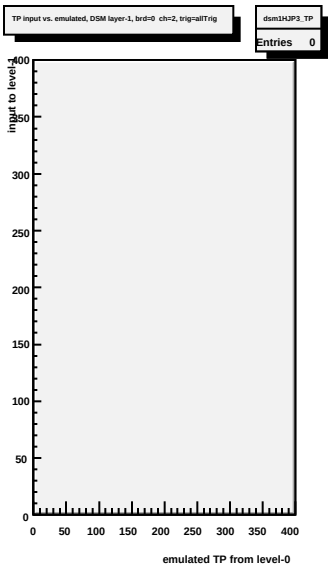
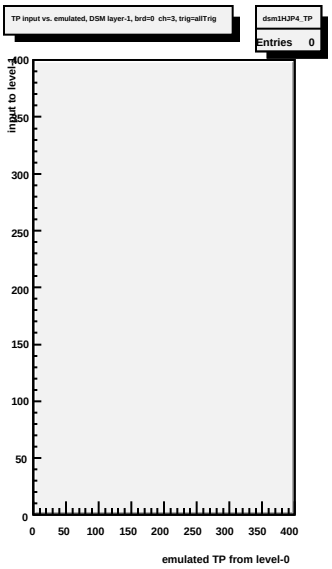
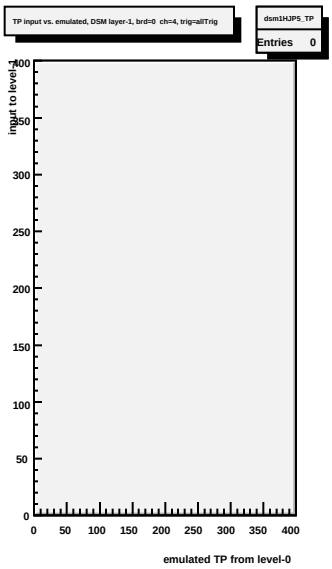
emulated HT from level-0

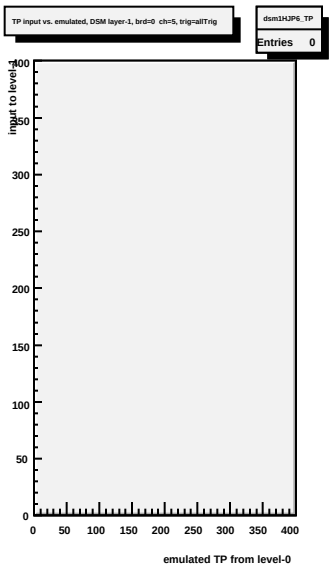

TP input vs. emulated, DSM layer-1, brd=0 ch=0, trig=allTrig
dsm1HJP1_TP
Entries 0
input to level-1
emulated TP from level-0

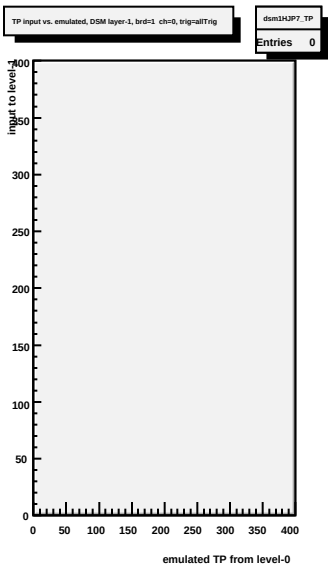

TP input vs. emulated, DSM layer-1, brd=0 ch=1, trig=allTrig
dsm1HJP2_TP
Entries 0
input to level-1
emulated TP from level-0

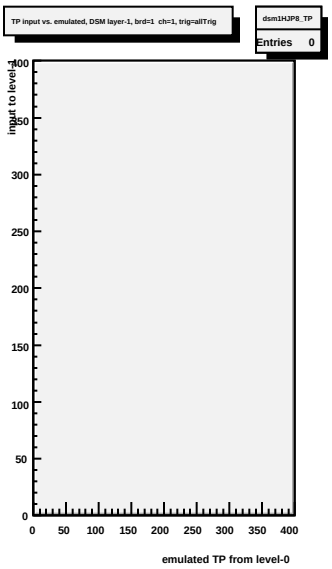

TP input vs. emulated, DSM layer-1, brd=0 ch=2, trig=allTrig
dsm1HJP3_TP
Entries 0
input to level-1
emulated TP from level-0

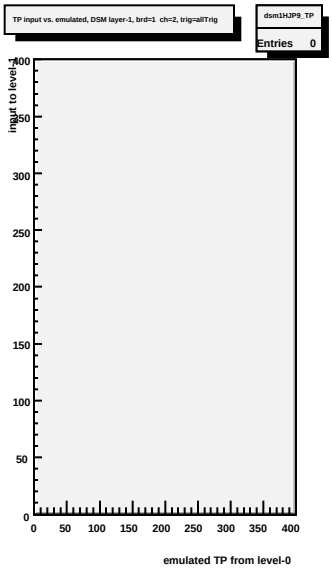

TP input vs. emulated, DSM layer-1, brd=0 ch=3, trig=allTrig
dsm1HJP4_TP
Entries 0
input to level-1
emulated TP from level-0

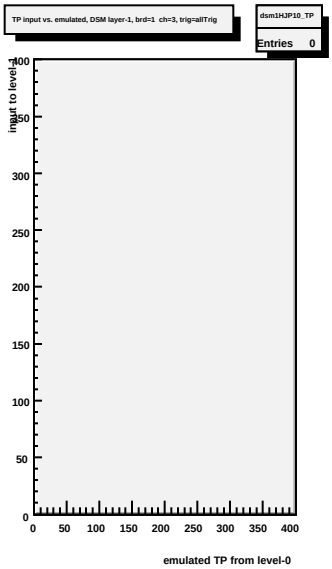

TP input vs. emulated, DSM layer-1, brd=0 ch=4, trig=allTrig
dsm1HJP5_TP
Entries 0
input to level-1
emulated TP from level-0

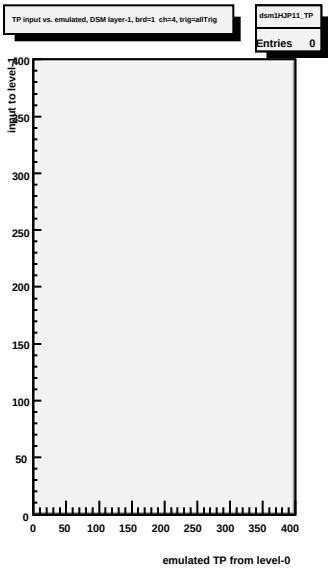

TP input vs. emulated, DSM layer-1, brd=0 ch=5, trig=allTrig
dsm1HJP6_TP
Entries 0
input to level-1
emulated TP from level-0

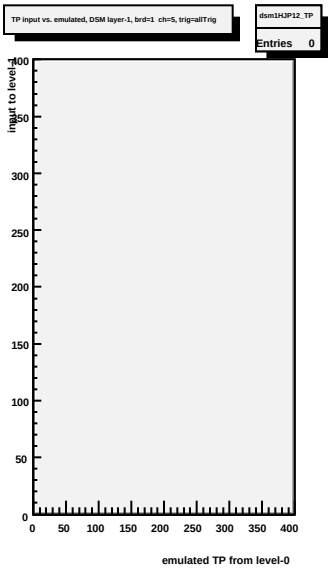

TP input vs. emulated, DSM layer-1, brd=1 ch=0, trig=allTrig
dsm1HJP7_TP
Entries 0
input to level-1
emulated TP from level-0

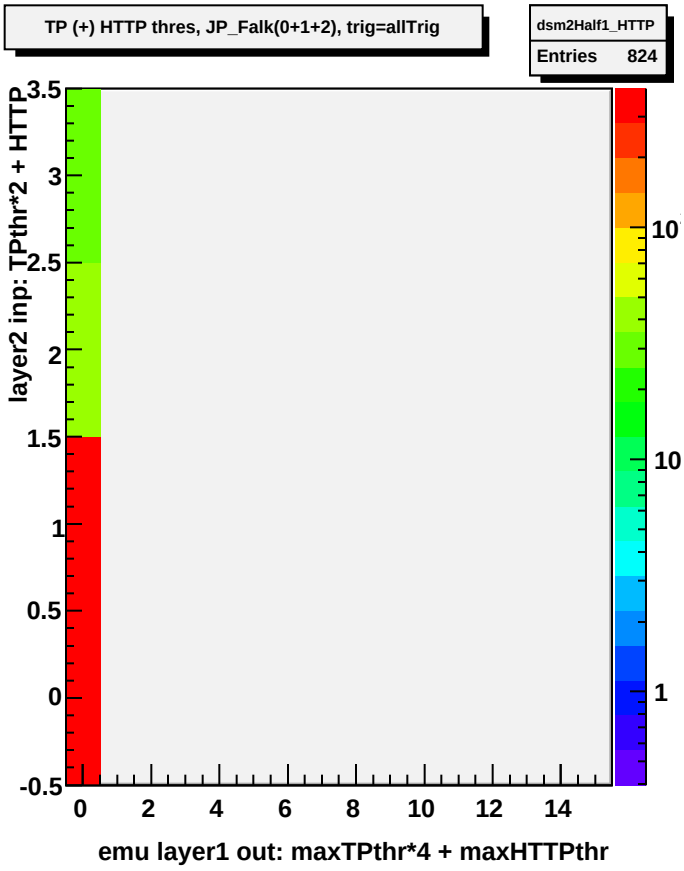

TP input vs. emulated, DSM layer-1, brd=1 ch=1, trig=allTrig
dsm1HJP8_TP
Entries 0
input to level-1
emulated TP from level-0

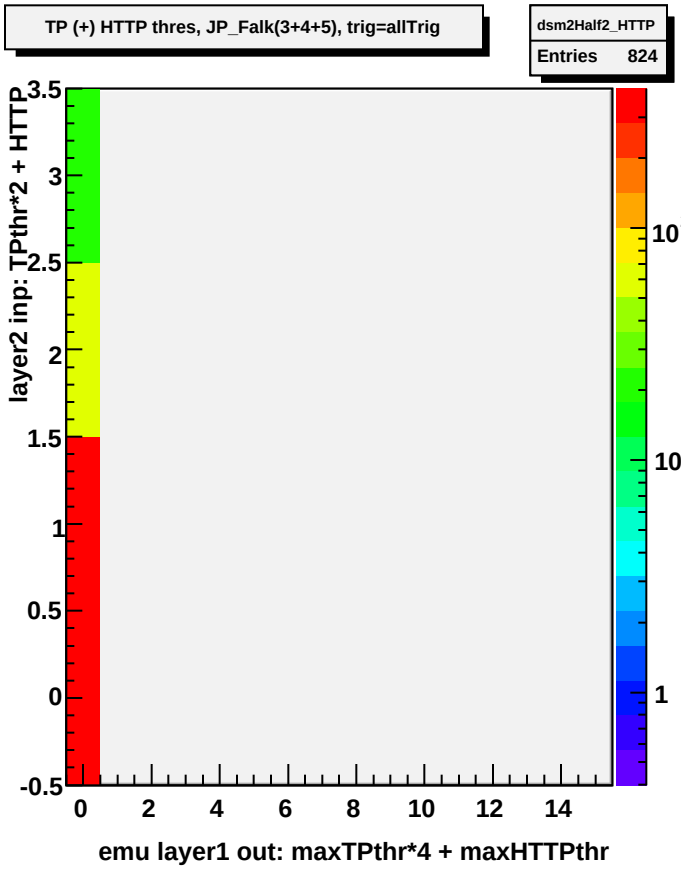

TP input vs. emulated, DSM layer-1, brd=1 ch=2, trig=allTrig
dsm1HJP9_TP
Entries 0
input to level-1
emulated TP from level-0

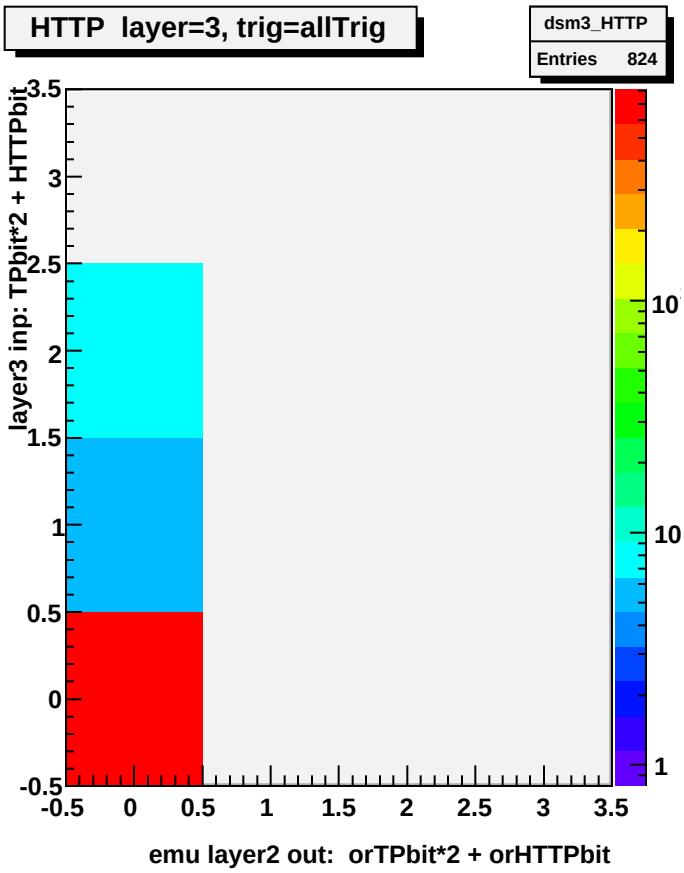

TP input vs. emulated, DSM layer-1, brd=1 ch=3, trig=allTrig
dsm1HJP10_TP
Entries 0
input to level-1
emulated TP from level-0

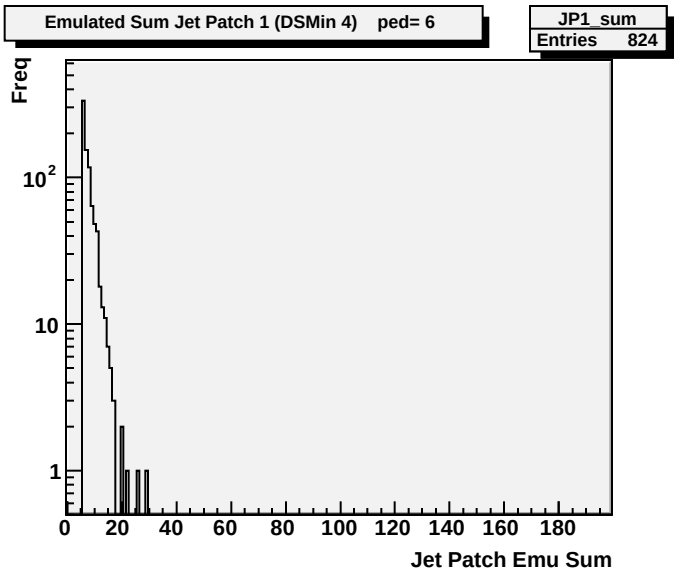

TP input vs. emulated, DSM layer-1, brd=1 ch=4, trig=allTrig
dsm1HJP11_TP
Entries 0
input to level-1
emulated TP from level-0

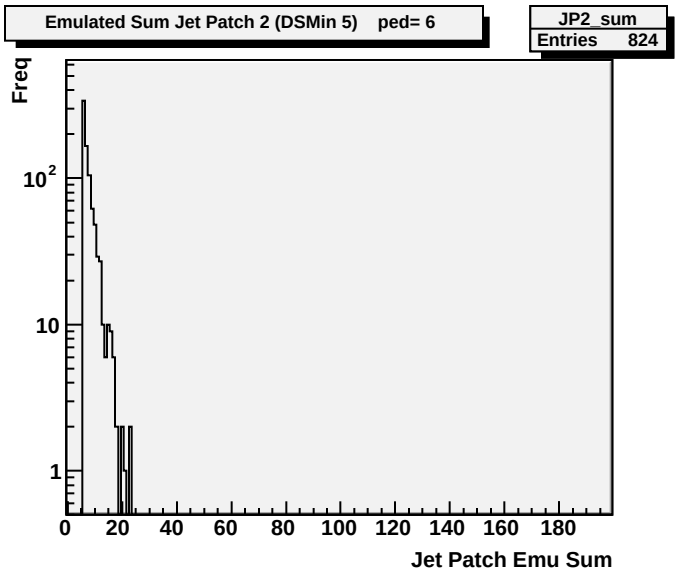

TP input vs. emulated, DSM layer-1, brd=1 ch=5, trig=allTrig
dsm1HJP12_TP
Entries 0
input to level-1
emulated TP from level-0

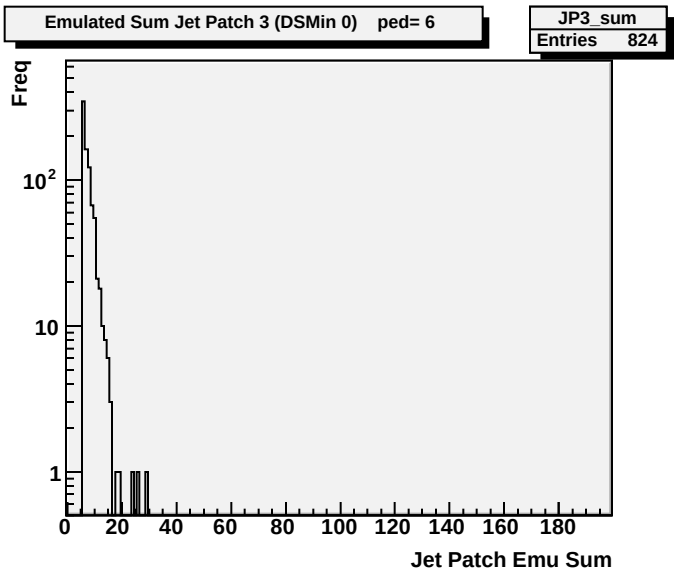

TP (+) HTTP thres, JP_Falk(0+1+2), trig=allTrig
dsm2Half1_HTTP
Entries 824
layer2 inp: TPthr*2 + HTTP
emu layer1 out: maxTPthr*4 + maxHTTPthr

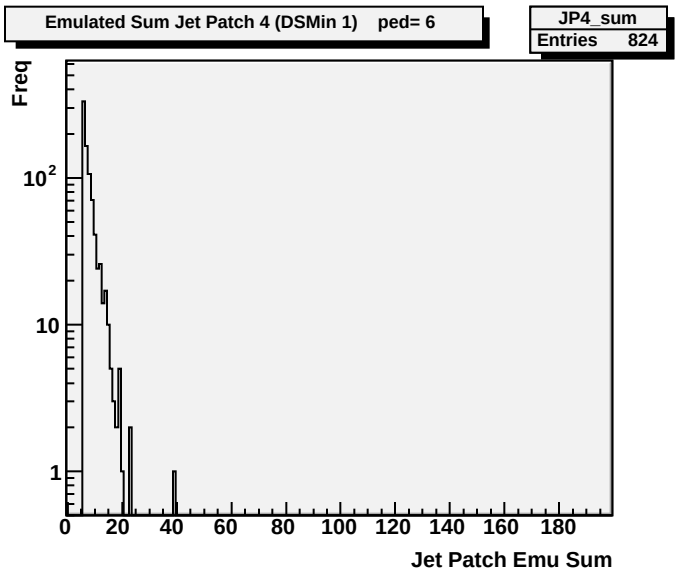

TP (+) HTTP thres, JP_Falk(3+4+5), trig=allTrig
dsm2Half2_HTTP
Entries 824
layer2 inp: TPthr*2 + HTTP
emu layer1 out: maxTPthr*4 + maxHTTPthr

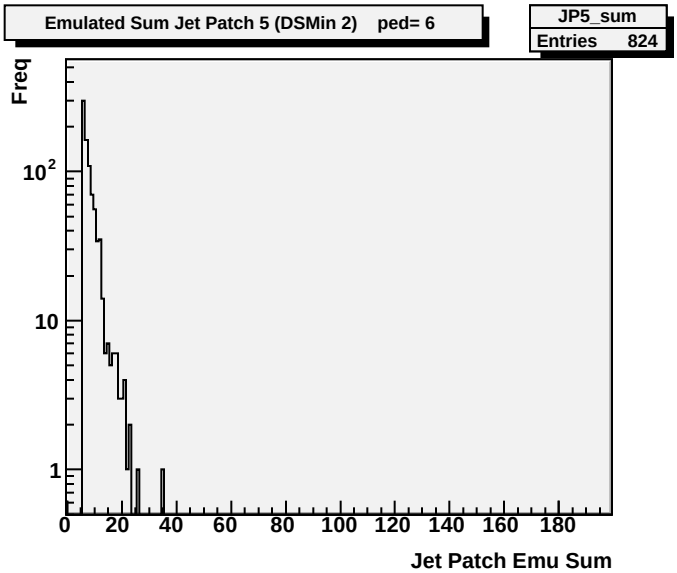

HTTP layer=3, trig=allTrig
dsm3_HTTP
Entries 824
layer3 inp: TPbit*2 + HTTPbit
emu layer2 out: orTPbit*2 + orHTTPbit

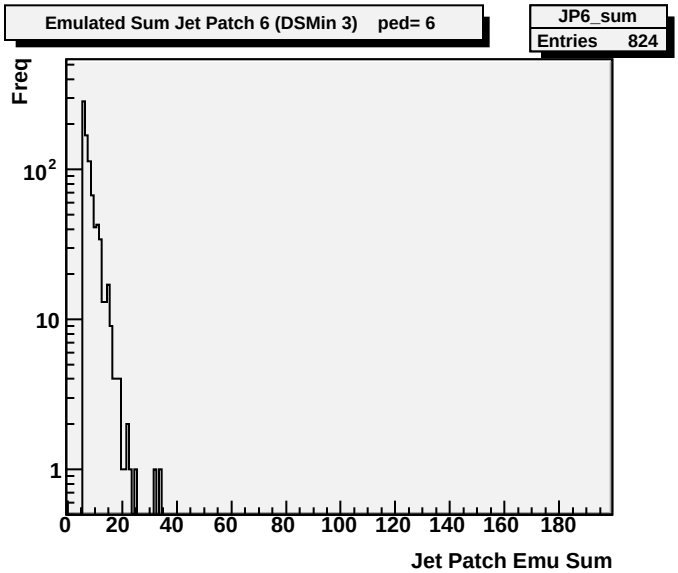

Emulated Sum Jet Patch 1 (DSMin 4) ped= 6
JP1_sum
Entries 824
Freq
Jet Patch Emu Sum

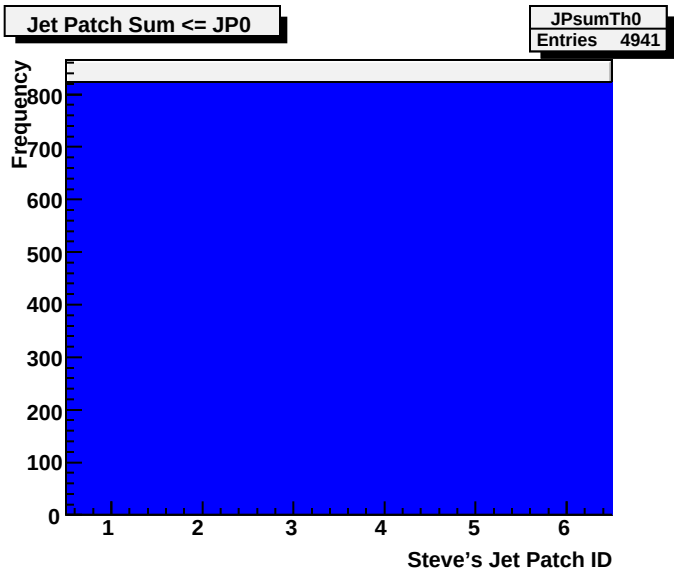

Emulated Sum Jet Patch 2 (DSMin 5) ped= 6
JP2_sum
Entries 824
Freq
Jet Patch Emu Sum

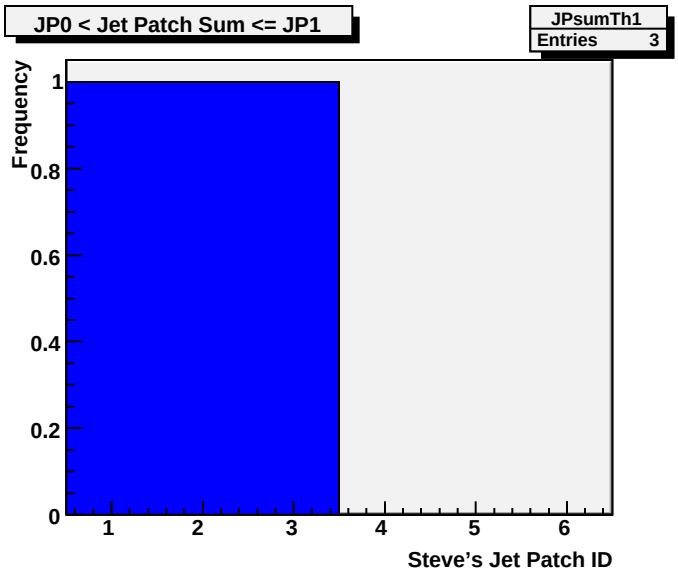

Emulated Sum Jet Patch 3 (DSMin 0) ped= 6
JP3_sum
Entries 824
Freq
Jet Patch Emu Sum

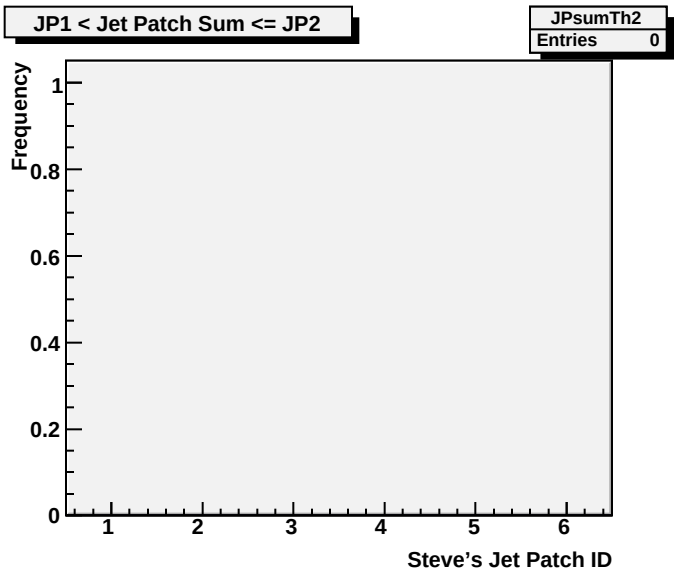

Emulated Sum Jet Patch 4 (DSMin 1) ped= 6
JP4_sum
Entries 824
Freq
Jet Patch Emu Sum

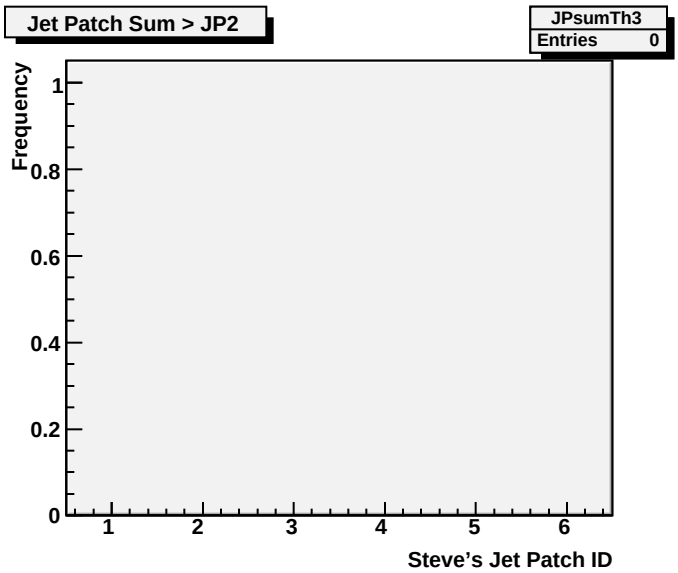

Emulated Sum Jet Patch 5 (DSMin 2) ped= 6
JP5_sum
Entries 824
Freq
Jet Patch Emu Sum

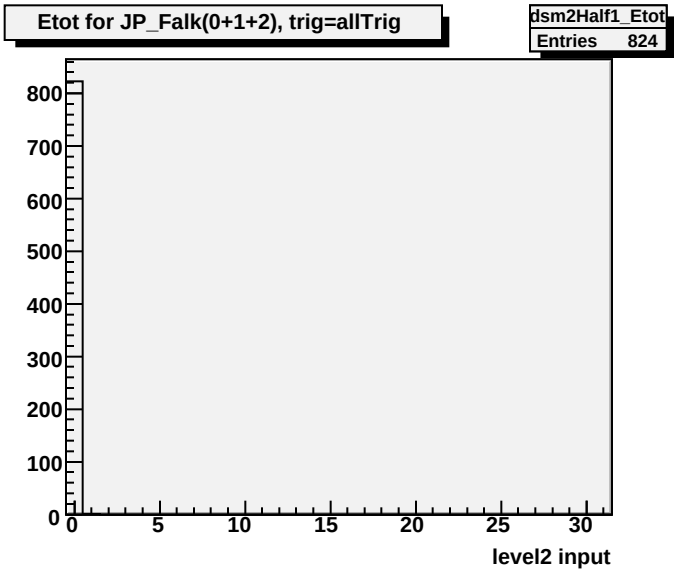

Emulated Sum Jet Patch 6 (DSMin 3) ped= 6
JP6_sum
Entries 824
Freq
Jet Patch Emu Sum

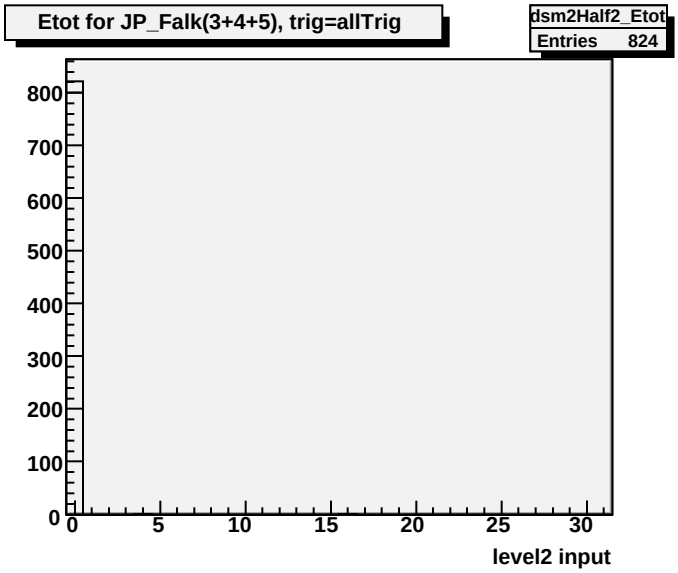

Jet Patch Sum <= JP0
JPsumTh0
Entries 4941
Frequency
Steve's Jet Patch ID

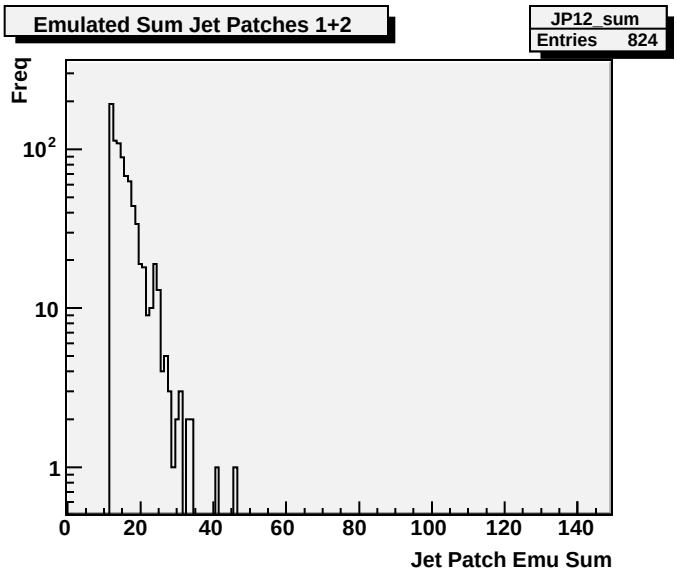

JP0 < Jet Patch Sum <= JP1
JPsumTh1
Entries 3
Frequency
Steve's Jet Patch ID

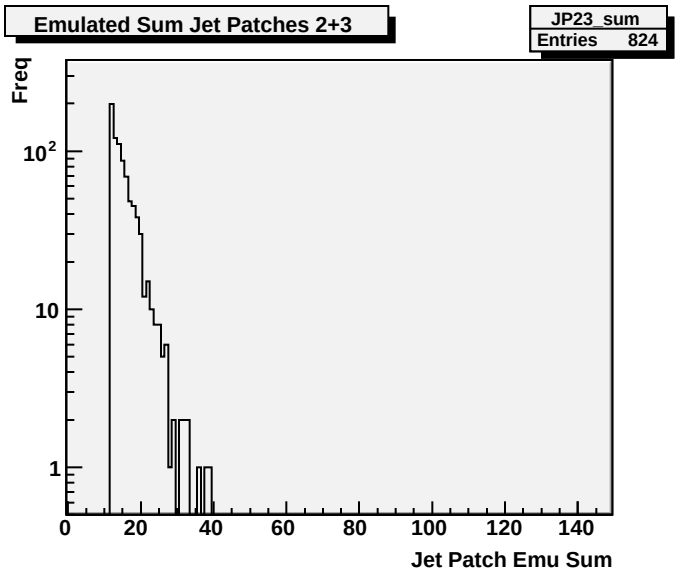

JP1 < Jet Patch Sum <= JP2
JPsumTh2
Entries 0
Frequency
Steve's Jet Patch ID

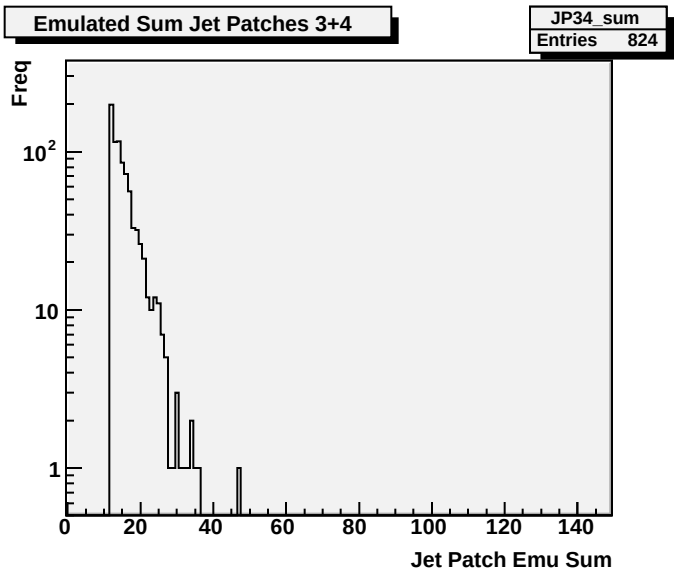

Jet Patch Sum > JP2
JPsumTh3
Entries 0
Frequency
Steve's Jet Patch ID

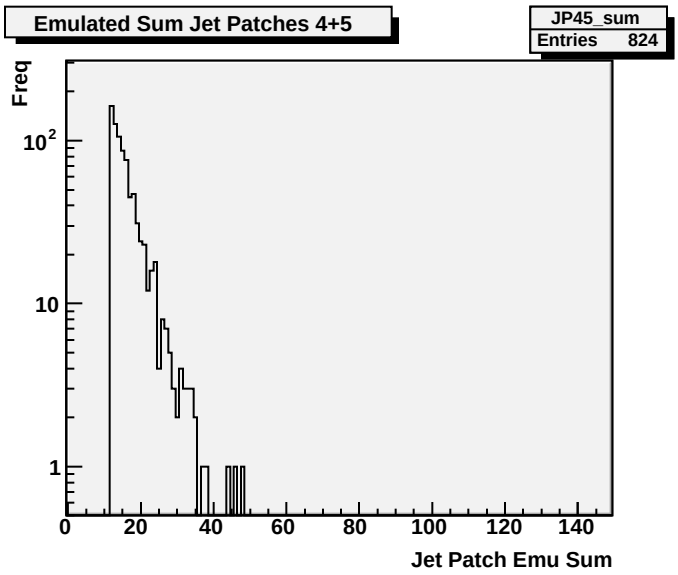

Etot for JP_Falk(0+1+2), trig=allTrig
dsm2Half1_Etot
Entries 824
level2 input

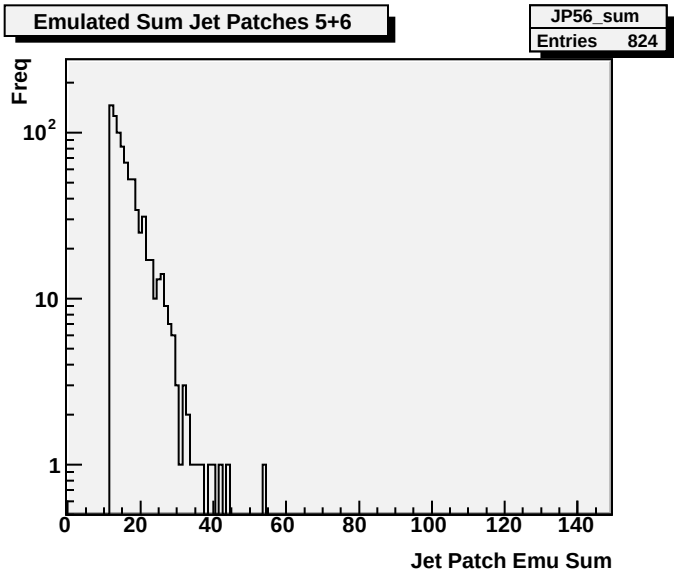

Etot for JP_Falk(3+4+5), trig=allTrig
dsm2Half2_Etot
Entries 824
level2 input

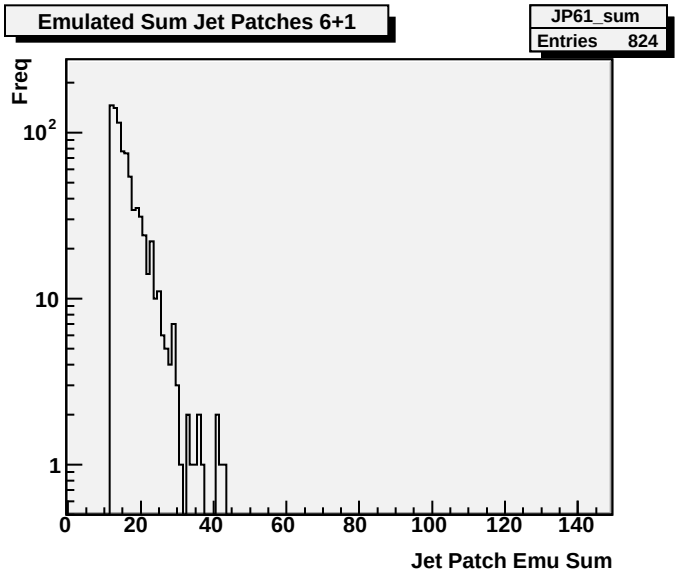

Emulated Sum Jet Patches 1+2
JP12_sum
Entries 824
Freq
Jet Patch Emu Sum

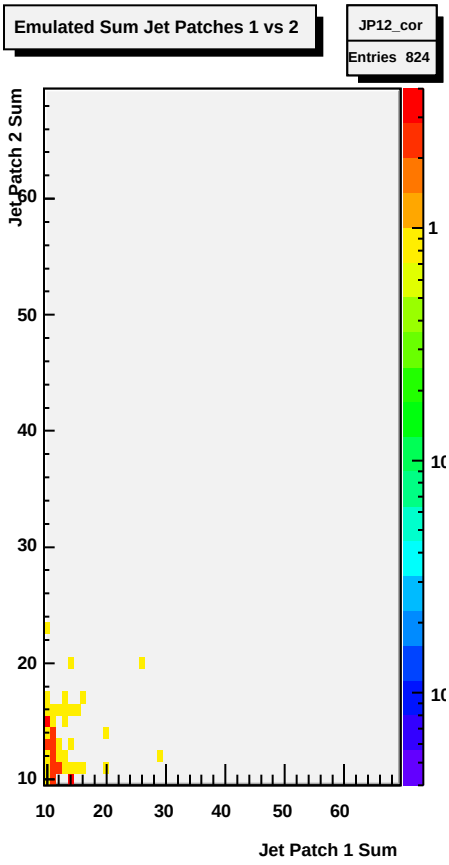

Emulated Sum Jet Patches 2+3
JP23_sum
Entries 824
Freq
Jet Patch Emu Sum

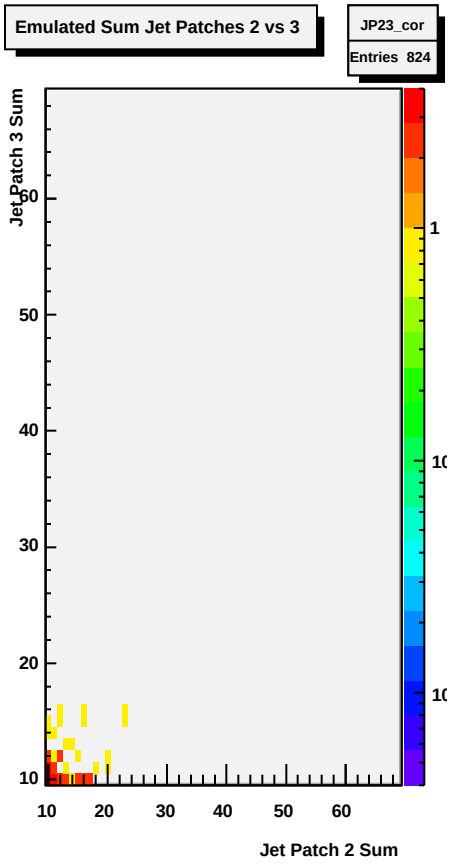

Emulated Sum Jet Patches 3+4
JP34_sum
Entries 824
Freq
Jet Patch Emu Sum

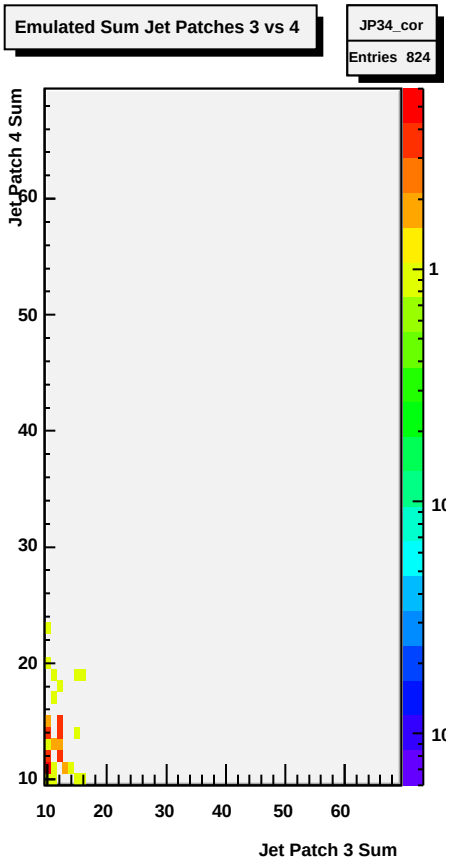

Emulated Sum Jet Patches 4+5
JP45_sum
Entries 824
Freq
Jet Patch Emu Sum

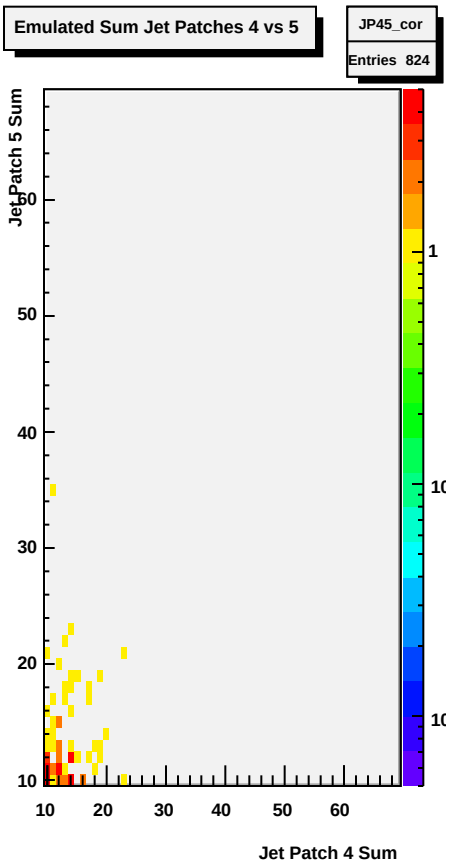

Emulated Sum Jet Patches 5+6
JP56_sum
Entries 824
Freq
Jet Patch Emu Sum

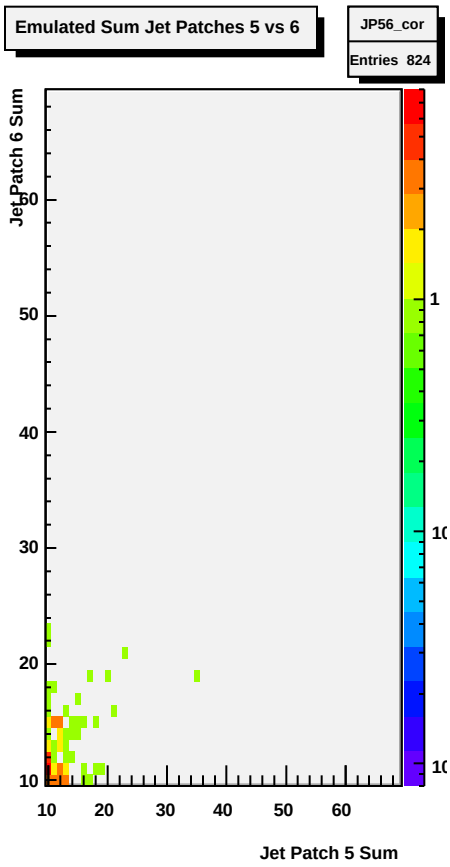

Emulated Sum Jet Patches 6+1
JP61_sum
Entries 824
Freq
Jet Patch Emu Sum

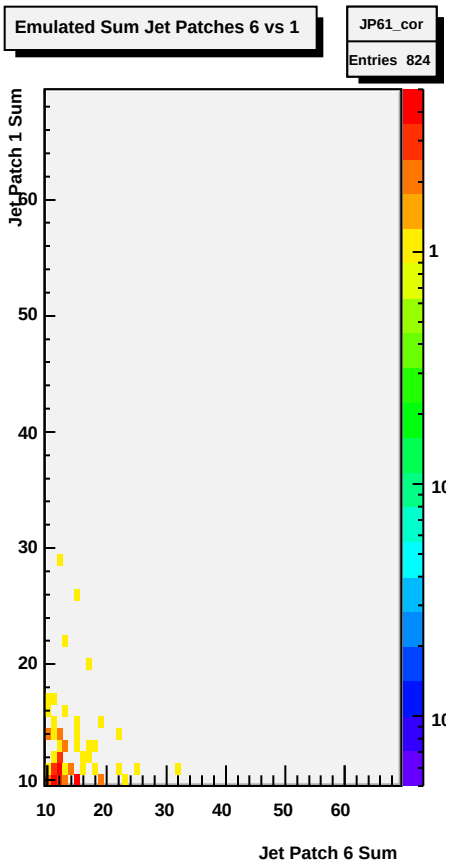

Emulated Sum Jet Patches 1 vs 2
JP12_cor
Entries 824
Jet Patch 2 Sum
Jet Patch 1 Sum

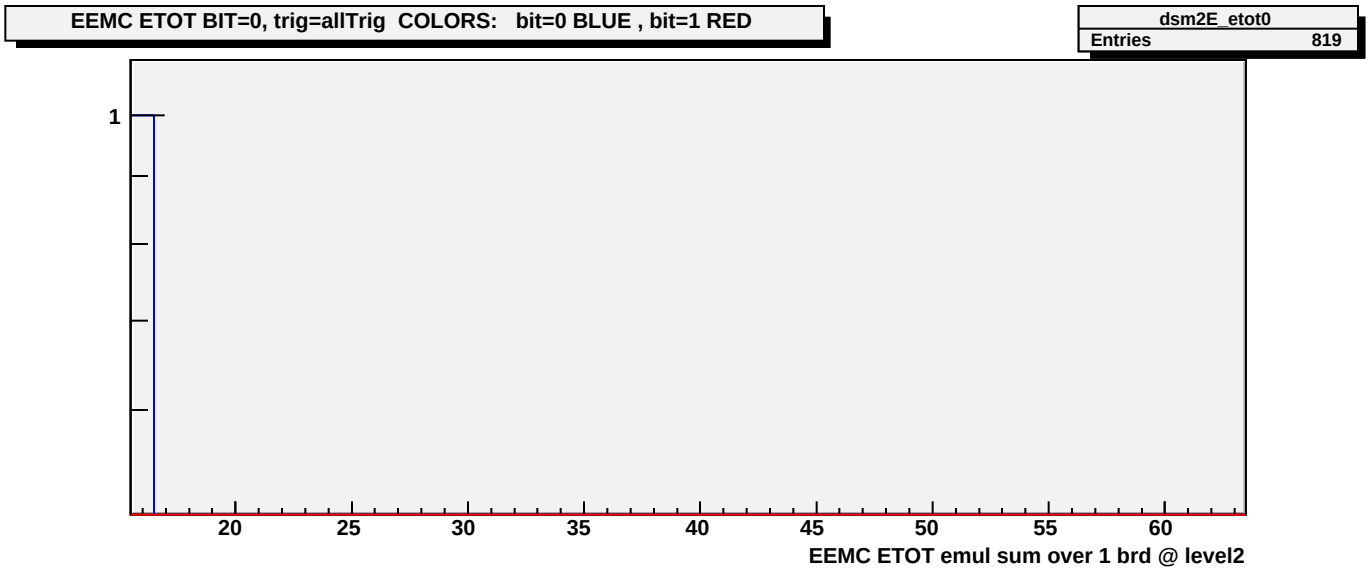

Emulated Sum Jet Patches 2 vs 3
JP23_cor
Entries 824
Jet Patch 3 Sum
Jet Patch 2 Sum

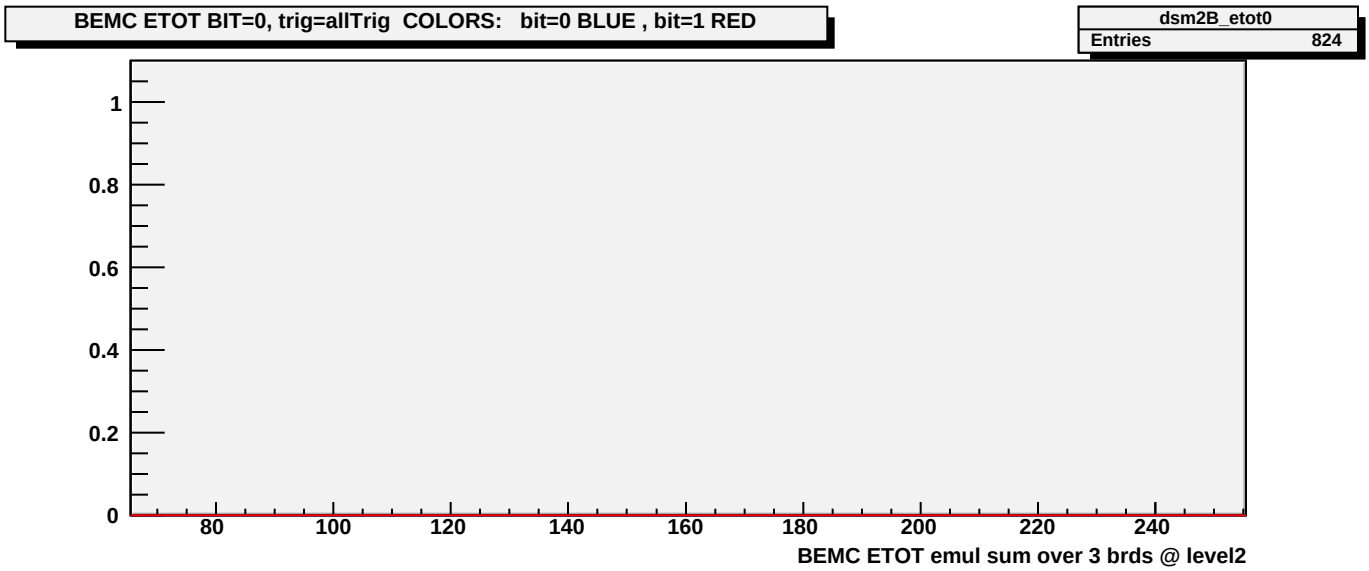

Emulated Sum Jet Patches 3 vs 4
JP34_cor
Entries 824
Jet Patch 4 Sum
Jet Patch 3 Sum

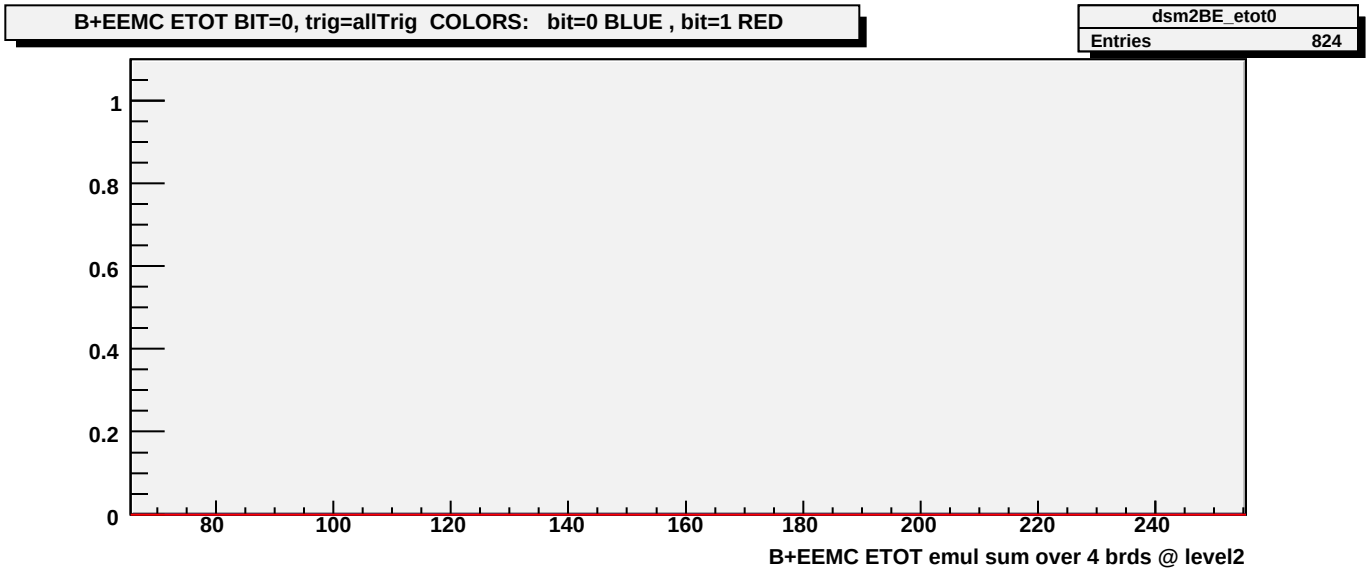

Emulated Sum Jet Patches 4 vs 5
JP45_cor
Entries 824
Jet Patch 5 Sum
Jet Patch 4 Sum

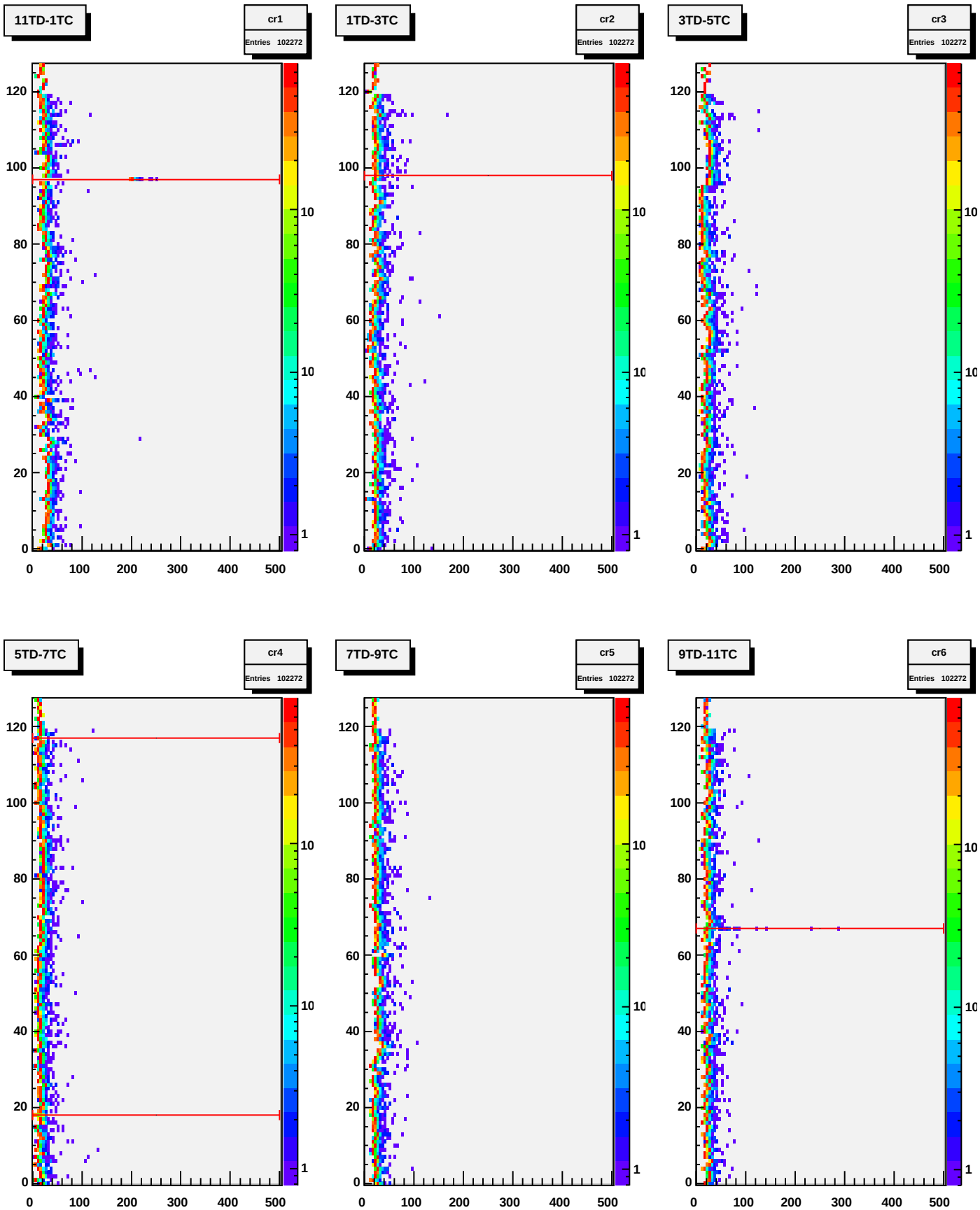

Emulated Sum Jet Patches 5 vs 6
JP56_cor
Entries 824
Jet Patch 6 Sum
Jet Patch 5 Sum

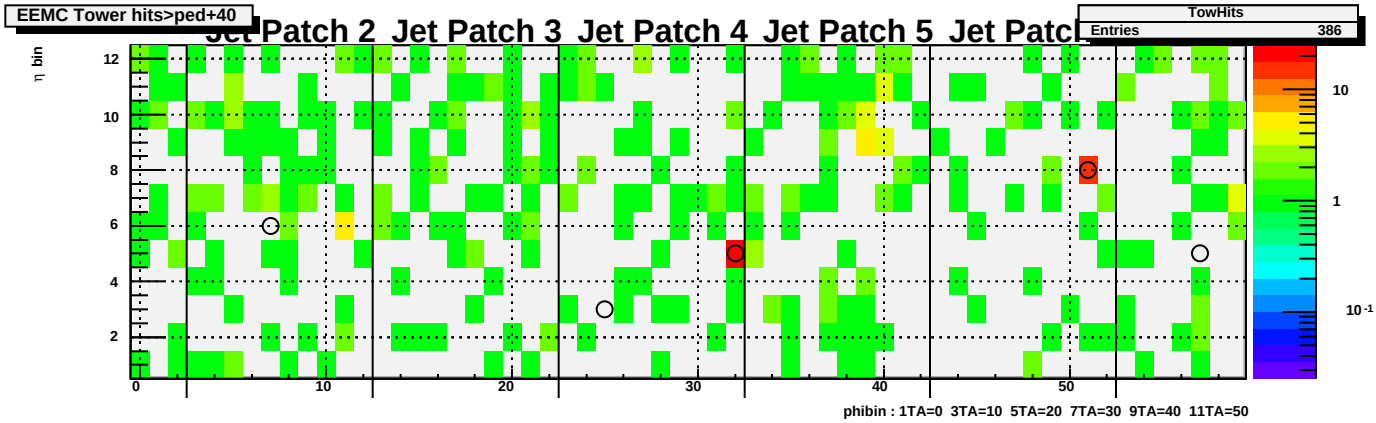

Emulated Sum Jet Patches 6 vs 1
JP61_cor
Entries 824
Jet Patch 1 Sum
Jet Patch 6 Sum

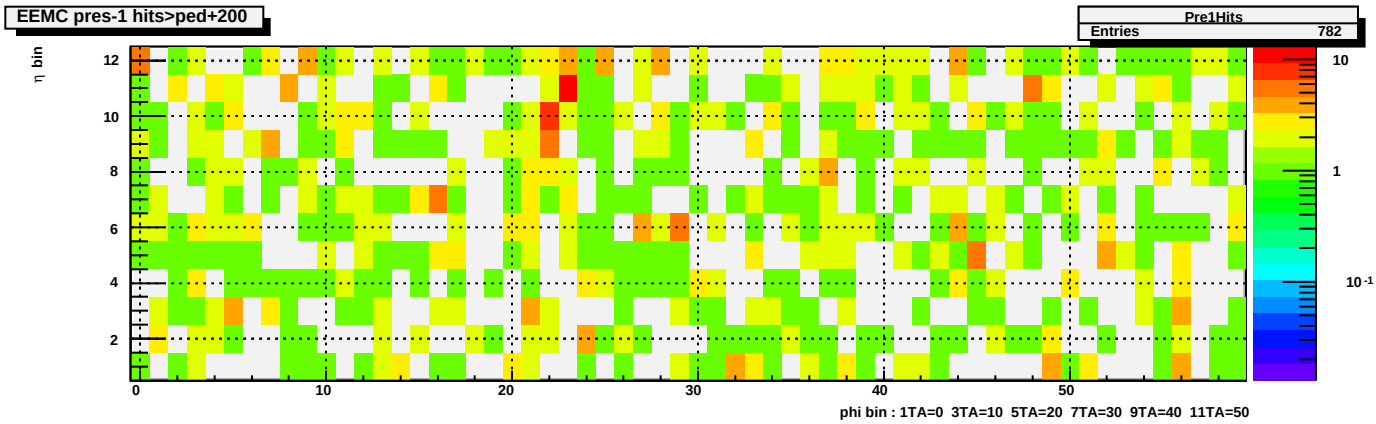

EEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2E_etot0
Entries 819
1
20
25
30
35
40
45
50
55
60
EEMC ETOT emul sum over 1 brd @ level2

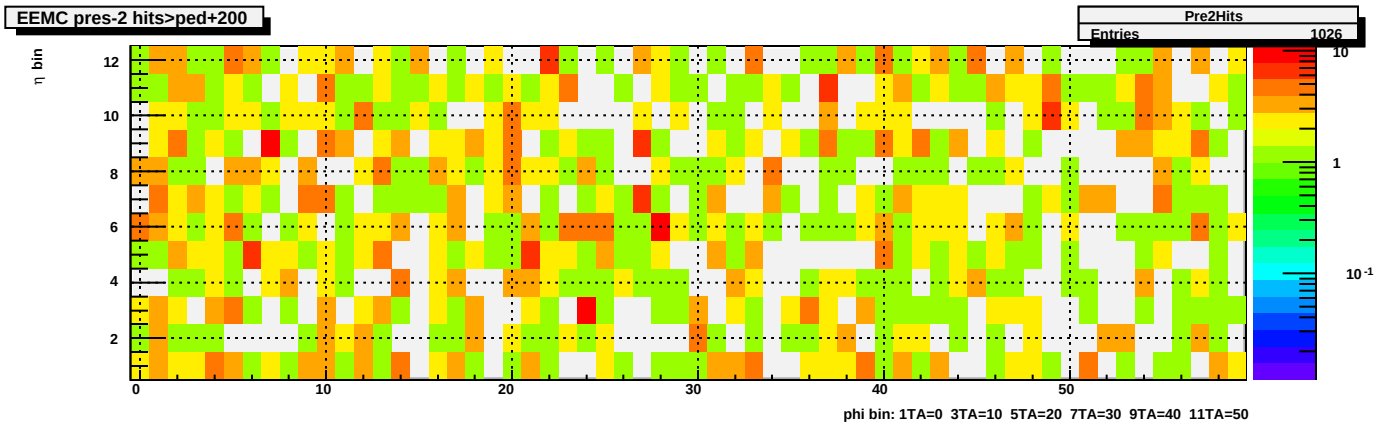

BEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2B_etot0
Entries 824
1
0.8
0.6
0.4
0.2
0
80
100
120
140
160
180
200
220
240
BEMC ETOT emul sum over 3 brds @ level2

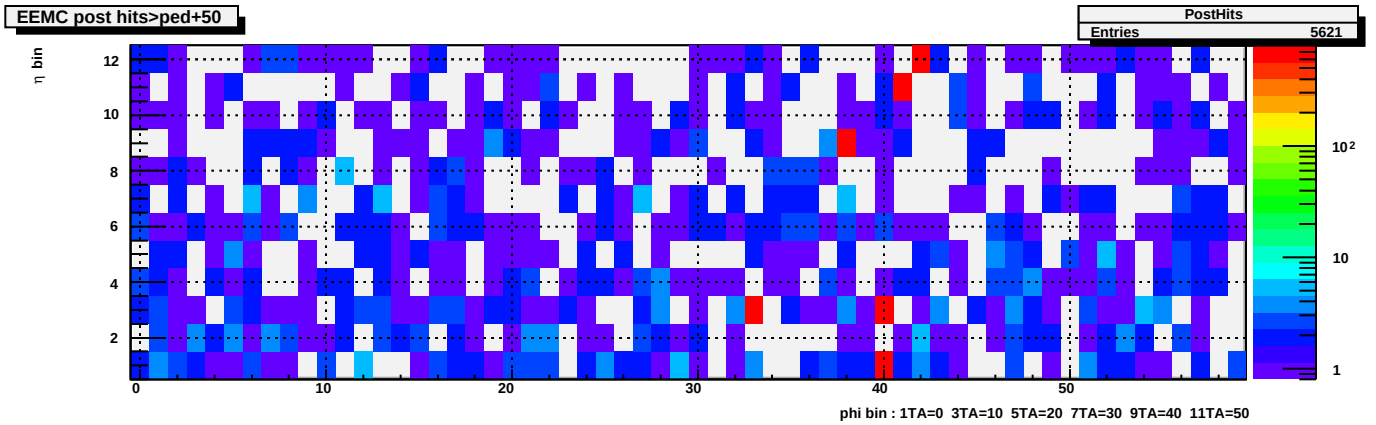

B+EEMC ETOT BIT=0, trig=allTrig COLORS: bit=0 BLUE , bit=1 RED
dsm2BE_etot0
Entries 824
1
0.8
0.6
0.4
0.2
0
80
100
120
140
160
180
200
220
240
B+EEMC ETOT emul sum over 4 brds @ level2

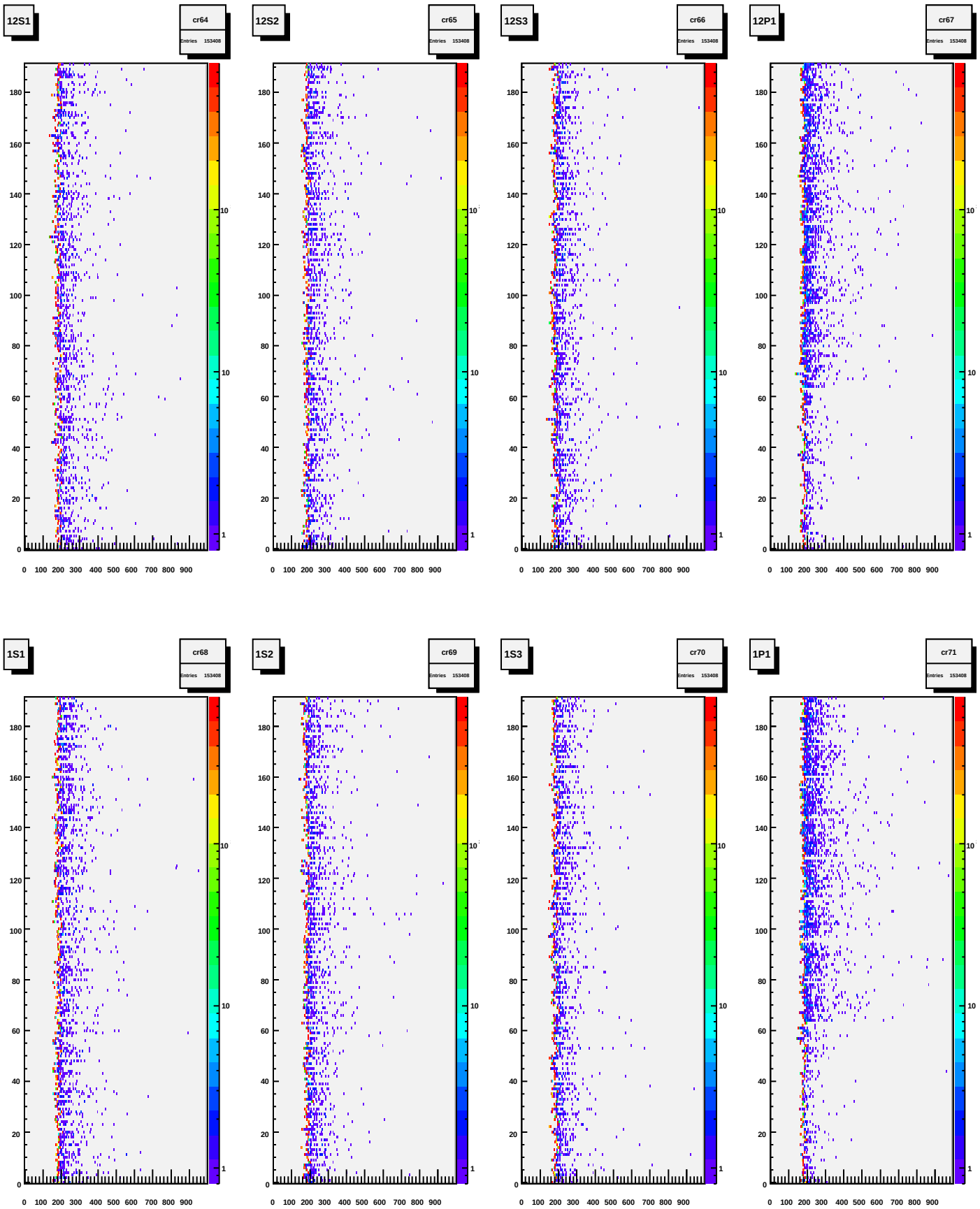

11TD-1TC
cr1
Entries 102272
1TD-3TC
cr2
Entries 102272
3TD-5TC
cr3
Entries 102272
5TD-7TC
cr4
Entries 102272
7TD-9TC
cr5
Entries 102272
9TD-11TC
cr6
Entries 102272
0
20
40
60
80
100
120
0
100
200
300
400
500
1
10
10

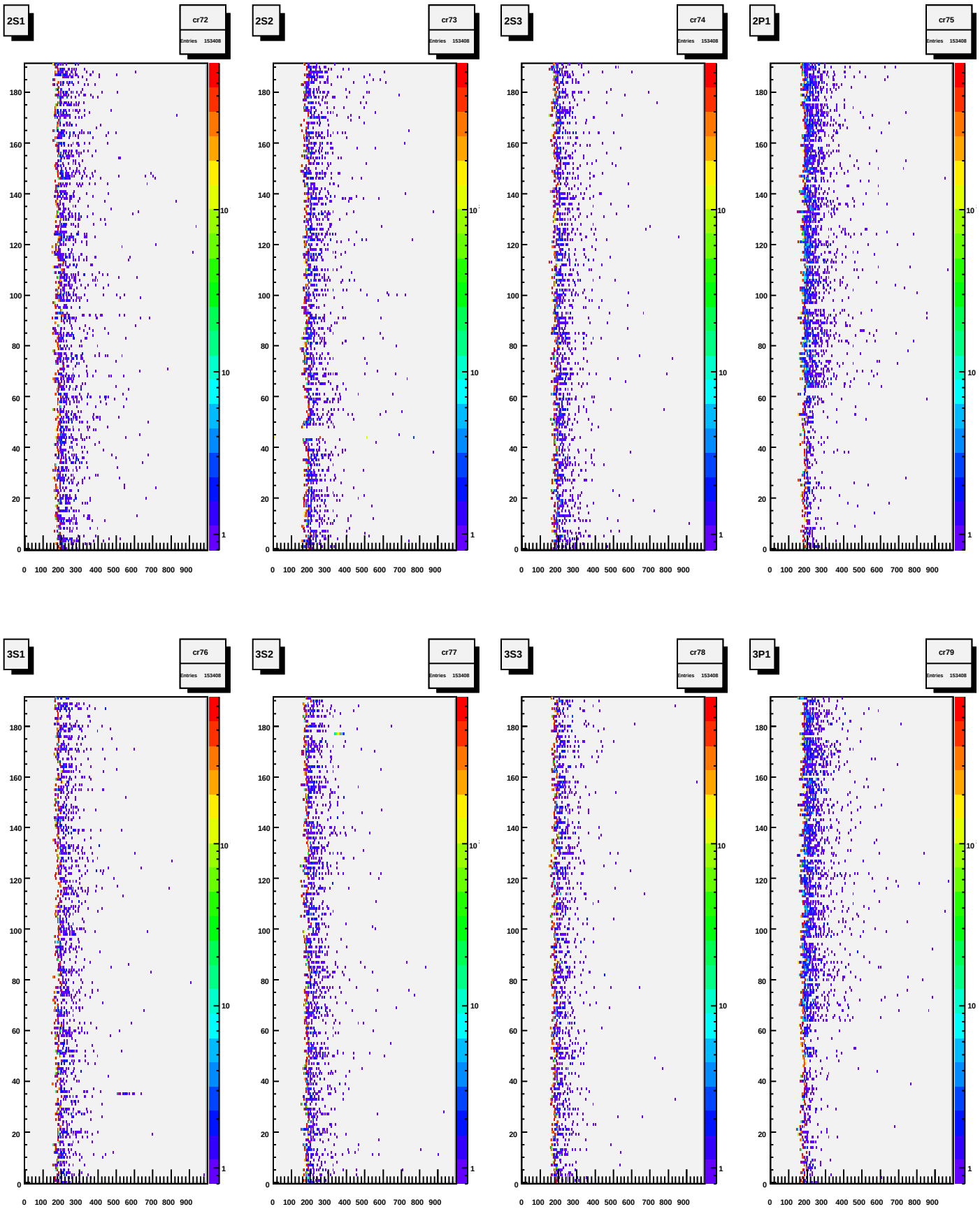

EEMC Tower hits>ped+40
Jet Patch 2 Jet Patch 3 Jet Patch 4 Jet Patch 5 Jet Patch
TowHits
Entries 386
η bin
phibin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

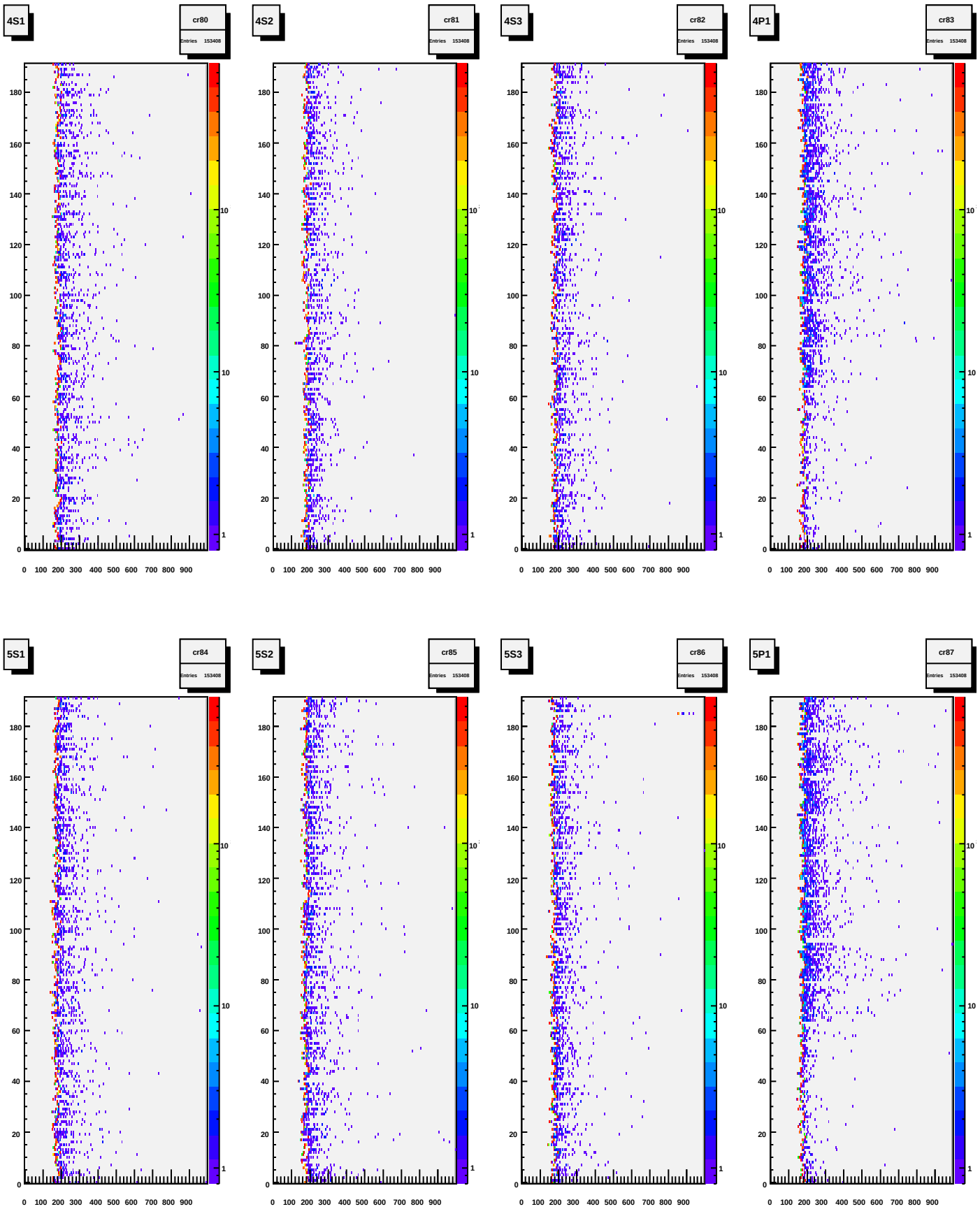

EEMC pres-1 hits>ped+200
Pre1Hits
Entries 782
η bin
phi bin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

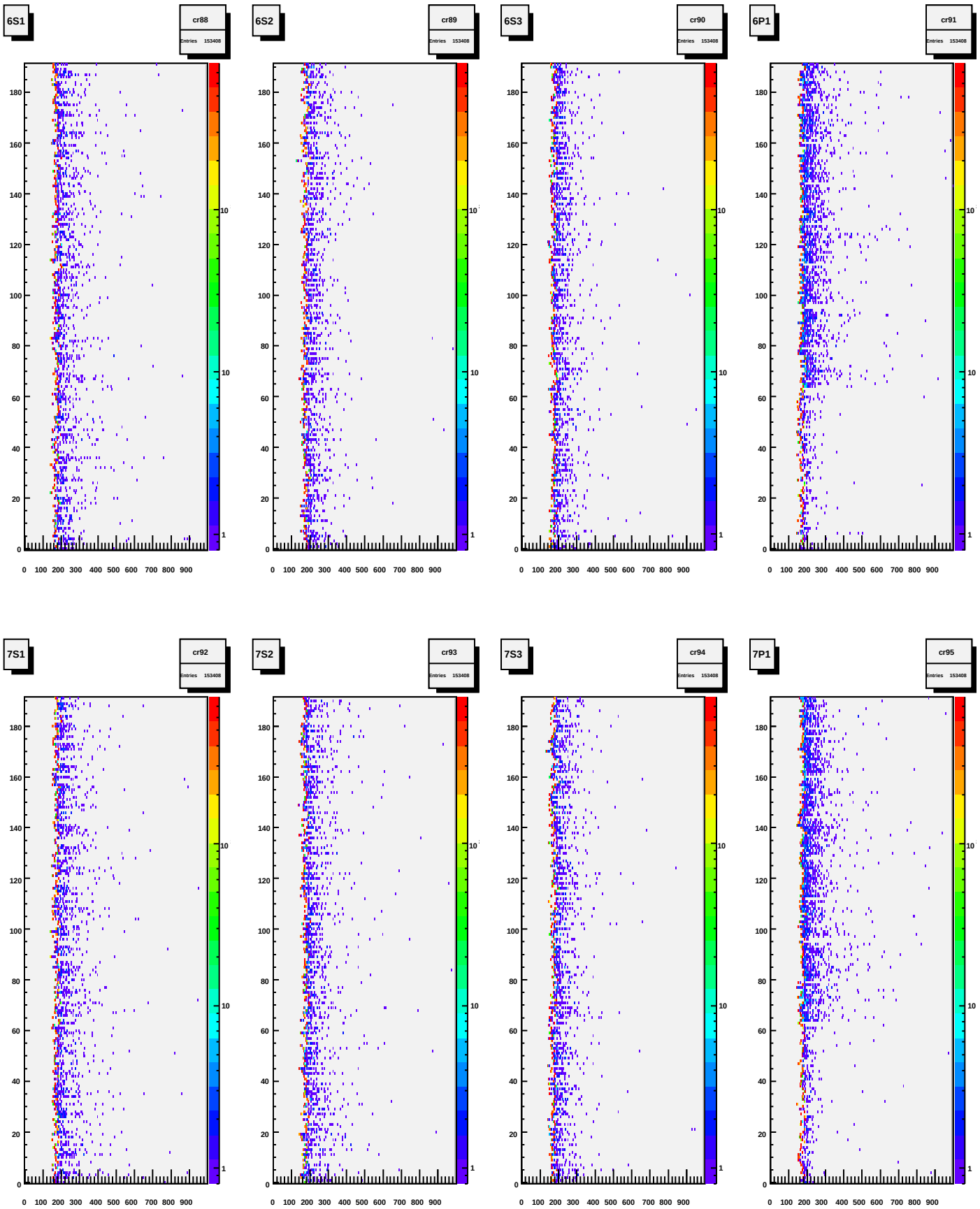

EEMC pres-2 hits>ped+200
Pre2Hits
Entries 1026
η bin
phi bin: 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

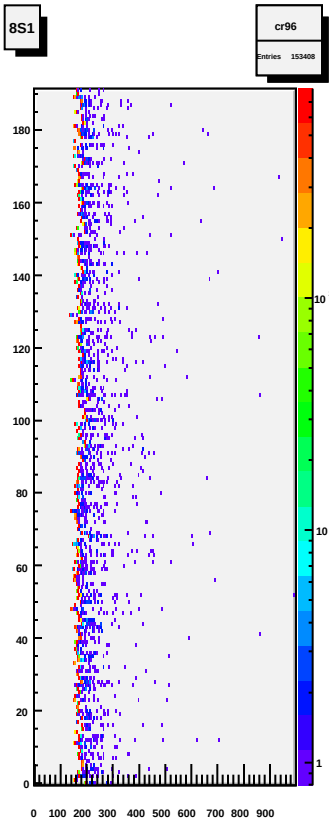

EEMC post hits>ped+50
PostHits
Entries 5621
η bin
phi bin : 1TA=0 3TA=10 5TA=20 7TA=30 9TA=40 11TA=50

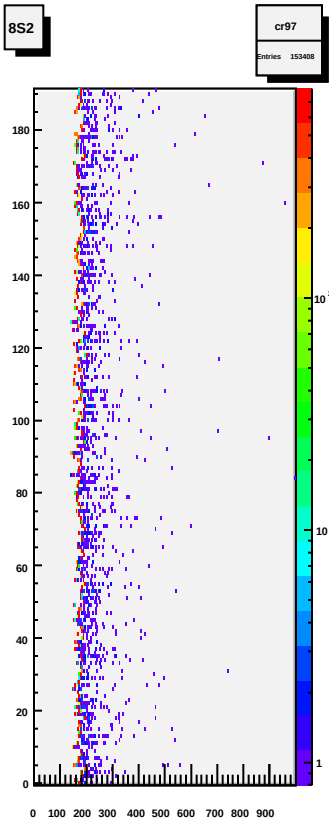

12S1
cr64
Entries 153408
12S2
cr65
Entries 153408
12S3
cr66
Entries 153408
12P1
cr67
Entries 153408
1S1
cr68
Entries 153408
1S2
cr69
Entries 153408
1S3
cr70
Entries 153408
1P1
cr71
Entries 153408
0 20 40 60 80 100 120 140 160 180
0 100 200 300 400 500 600 700 800 900
1
10
10

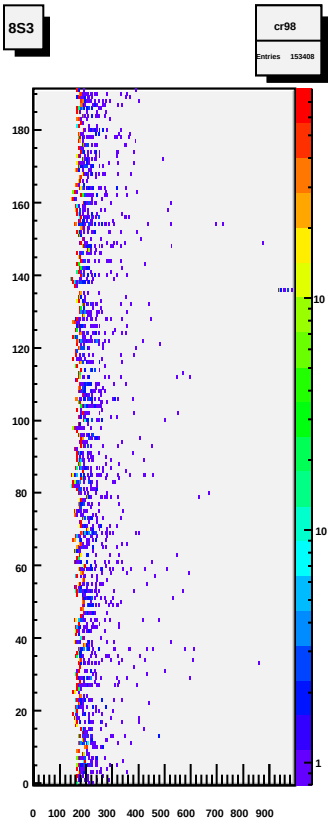

2S1
cr72
Entries 153408
2S2
cr73
Entries 153408
2S3
cr74
Entries 153408
2P1
cr75
Entries 153408
3S1
cr76
Entries 153408
3S2
cr77
Entries 153408
3S3
cr78
Entries 153408
3P1
cr79
Entries 153408
0 100 200 300 400 500 600 700 800 900
0 20 40 60 80 100 120 140 160 180
1
10
10

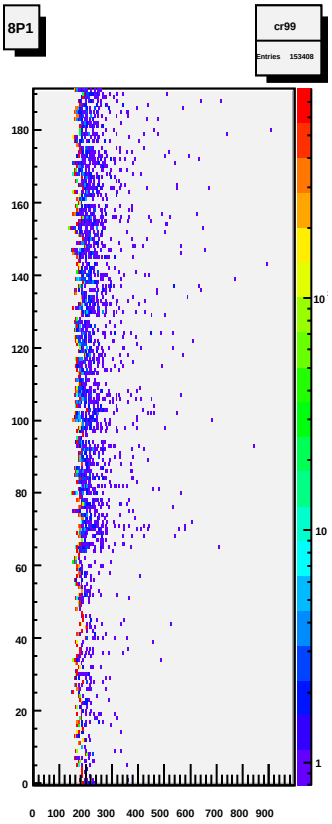

4S1
cr80
Entries 153408
4S2
cr81
Entries 153408
4S3
cr82
Entries 153408
4P1
cr83
Entries 153408
5S1
cr84
Entries 153408
5S2
cr85
Entries 153408
5S3
cr86
Entries 153408
5P1
cr87
Entries 153408
0 20 40 60 80 100 120 140 160 180
0 100 200 300 400 500 600 700 800 900
1
10
10²

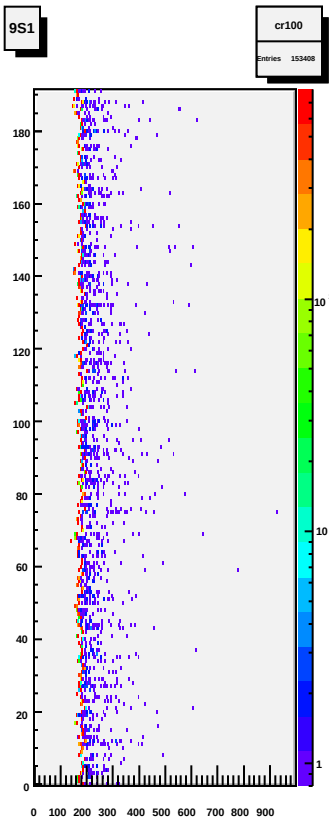

6S1
cr88
Entries 153408
6S2
cr89
Entries 153408
6S3
cr90
Entries 153408
6P1
cr91
Entries 153408
7S1
cr92
Entries 153408
7S2
cr93
Entries 153408
7S3
cr94
Entries 153408
7P1
cr95
Entries 153408
0 100 200 300 400 500 600 700 800 900
0 20 40 60 80 100 120 140 160 180
1
10
10²

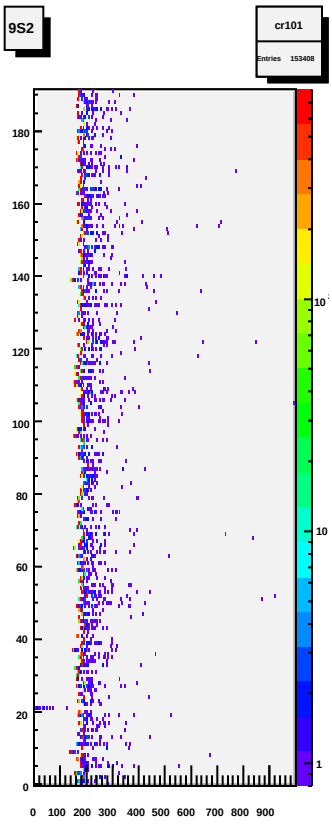

8S1
cr96
Entries 153408

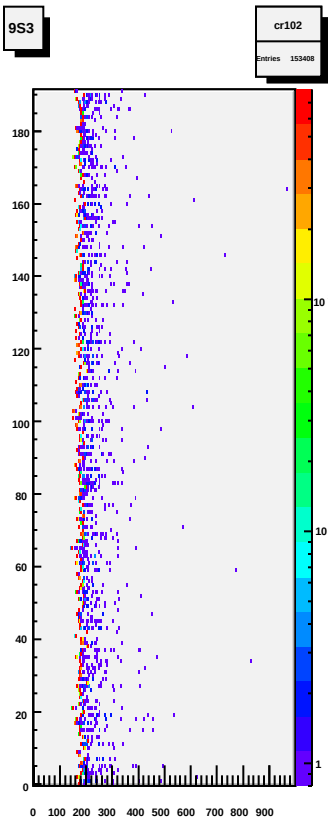

8S2
cr97
Entries 153408

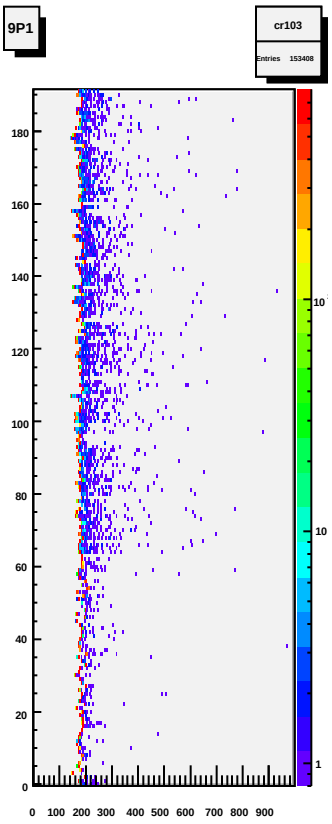

8S3
cr98
Entries 153408

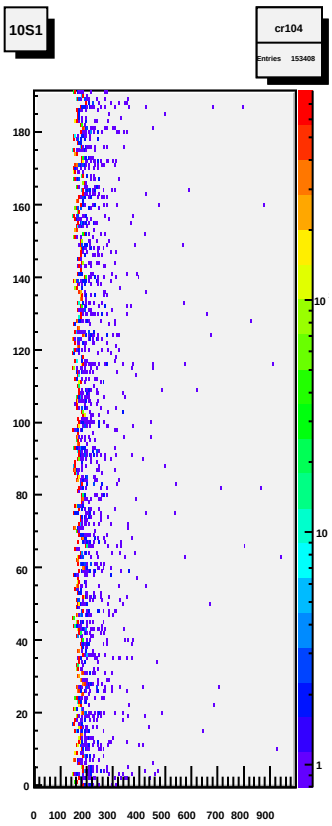

8P1
cr99
Entries 153408

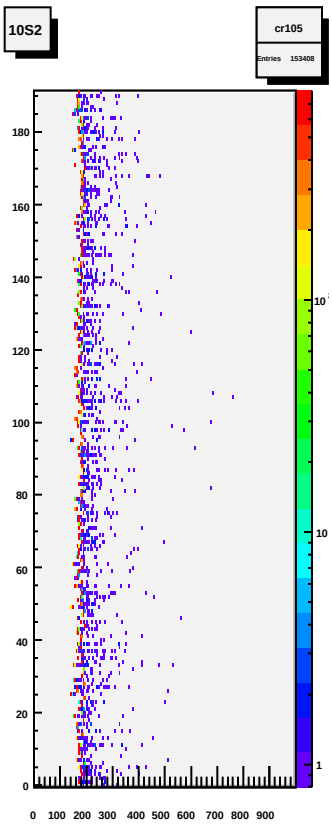

9S1
cr100
Entries 153408

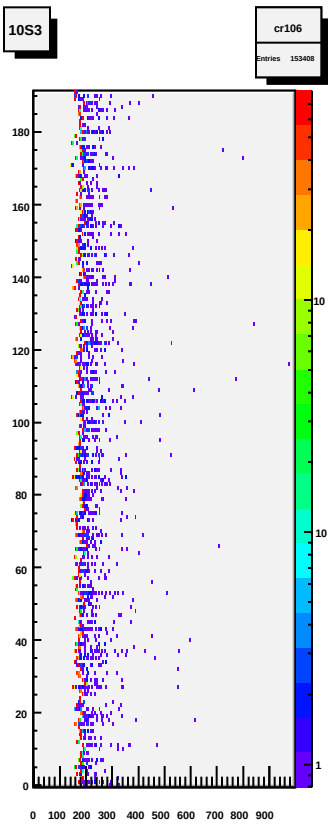

9S2
cr101
Entries 153408

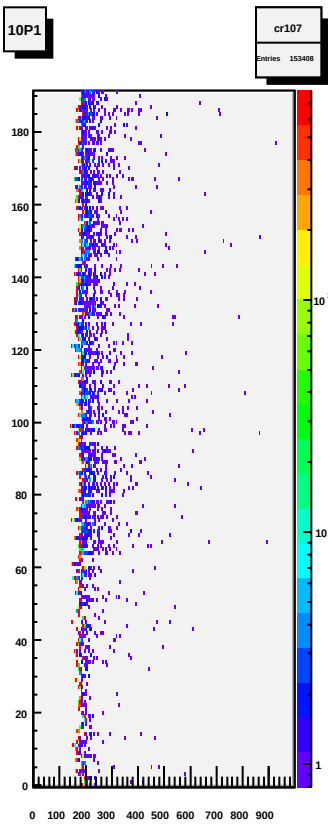

9S3
cr102
Entries 153408

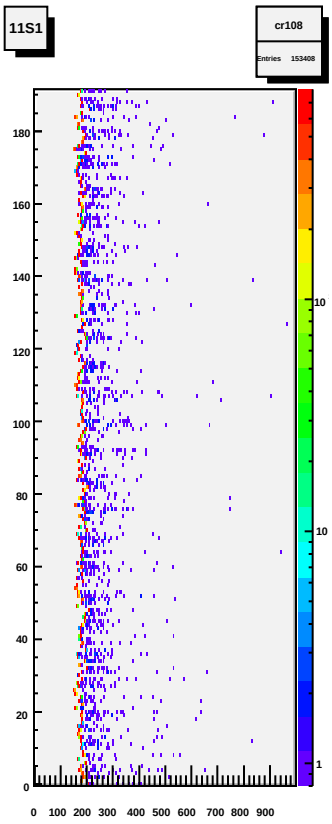

9P1
cr103
Entries 153408

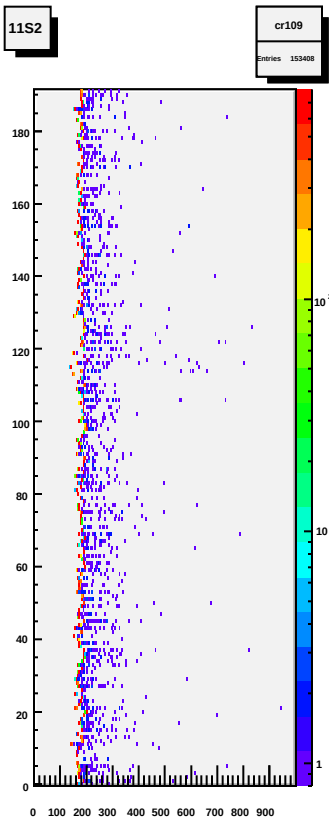

10S1
cr104
Entries 153408

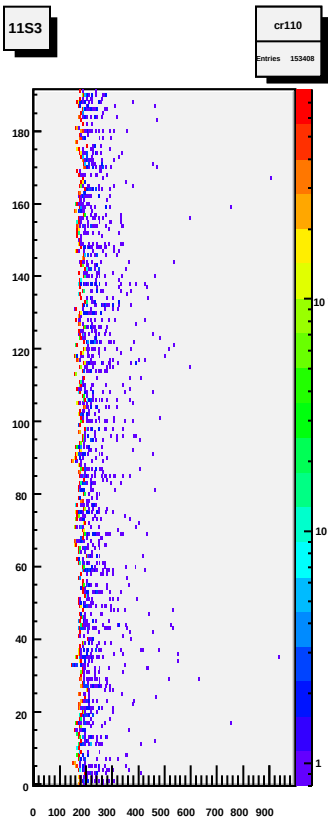

10S2
cr105
Entries 153408

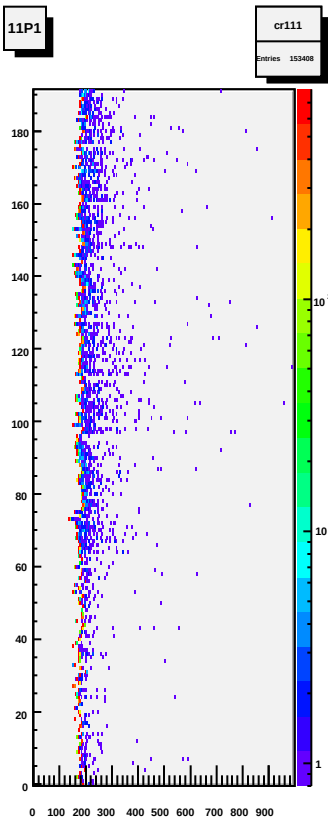

10S3
cr106
Entries 153408

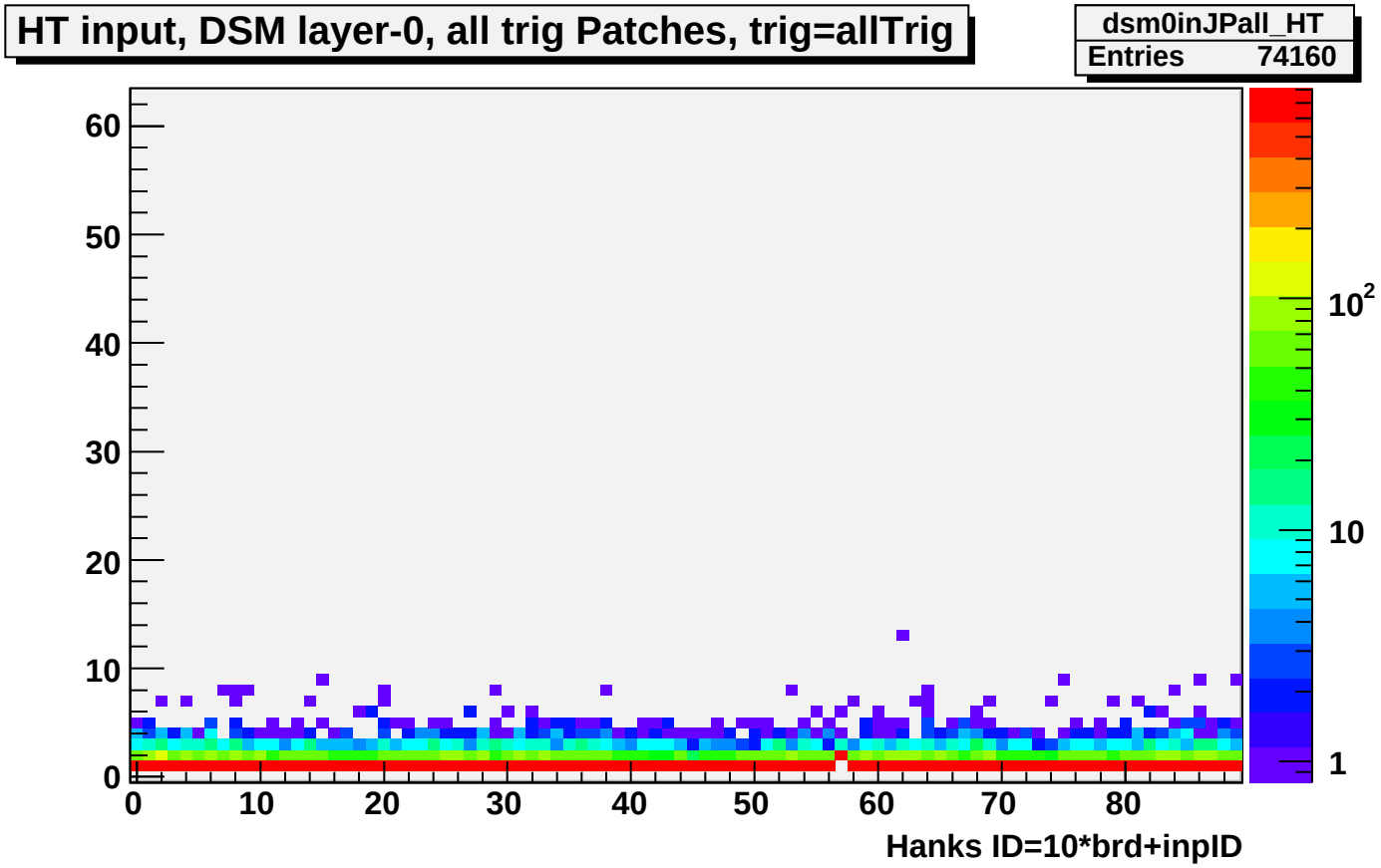

10P1
cr107
Entries 153408

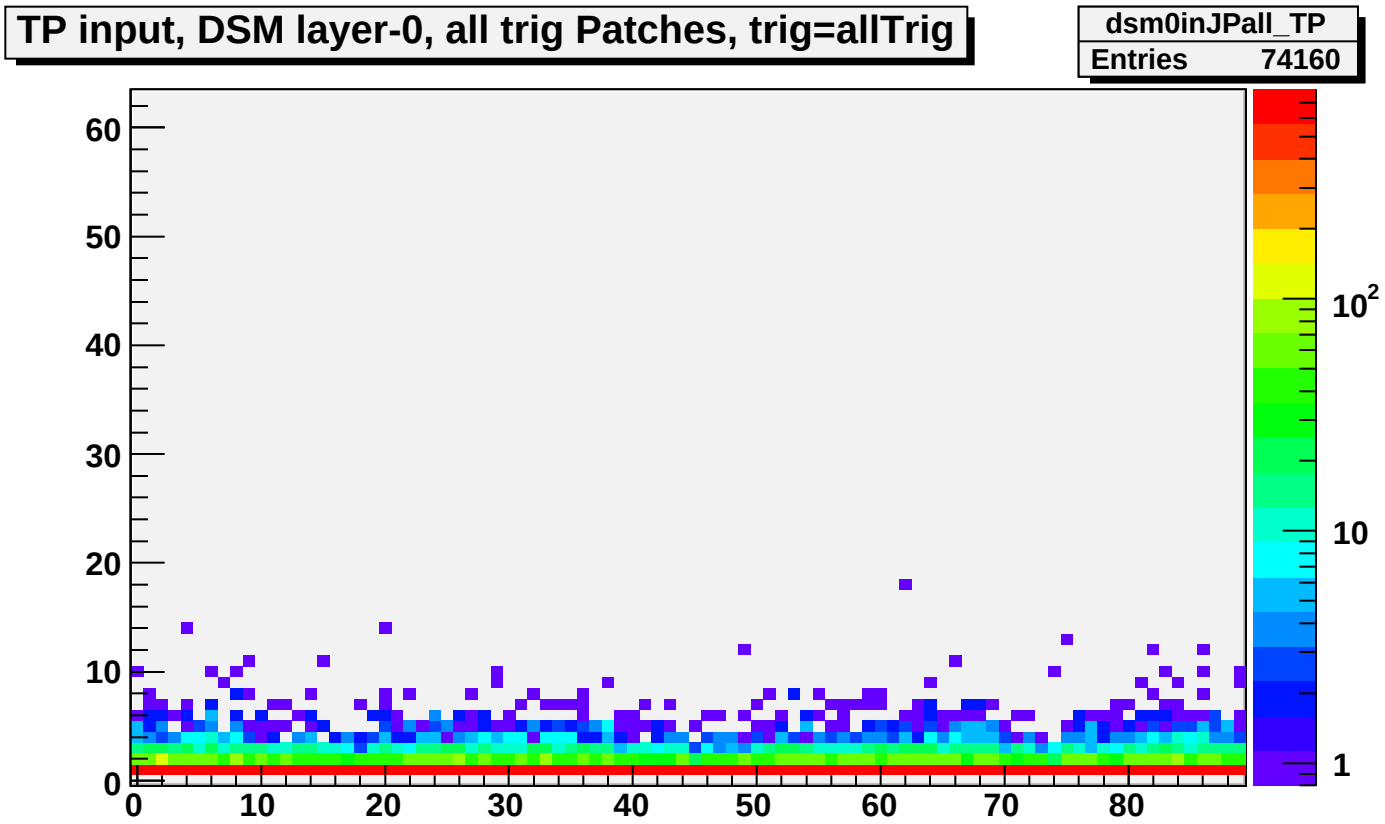

11S1
cr108
Entries 153408

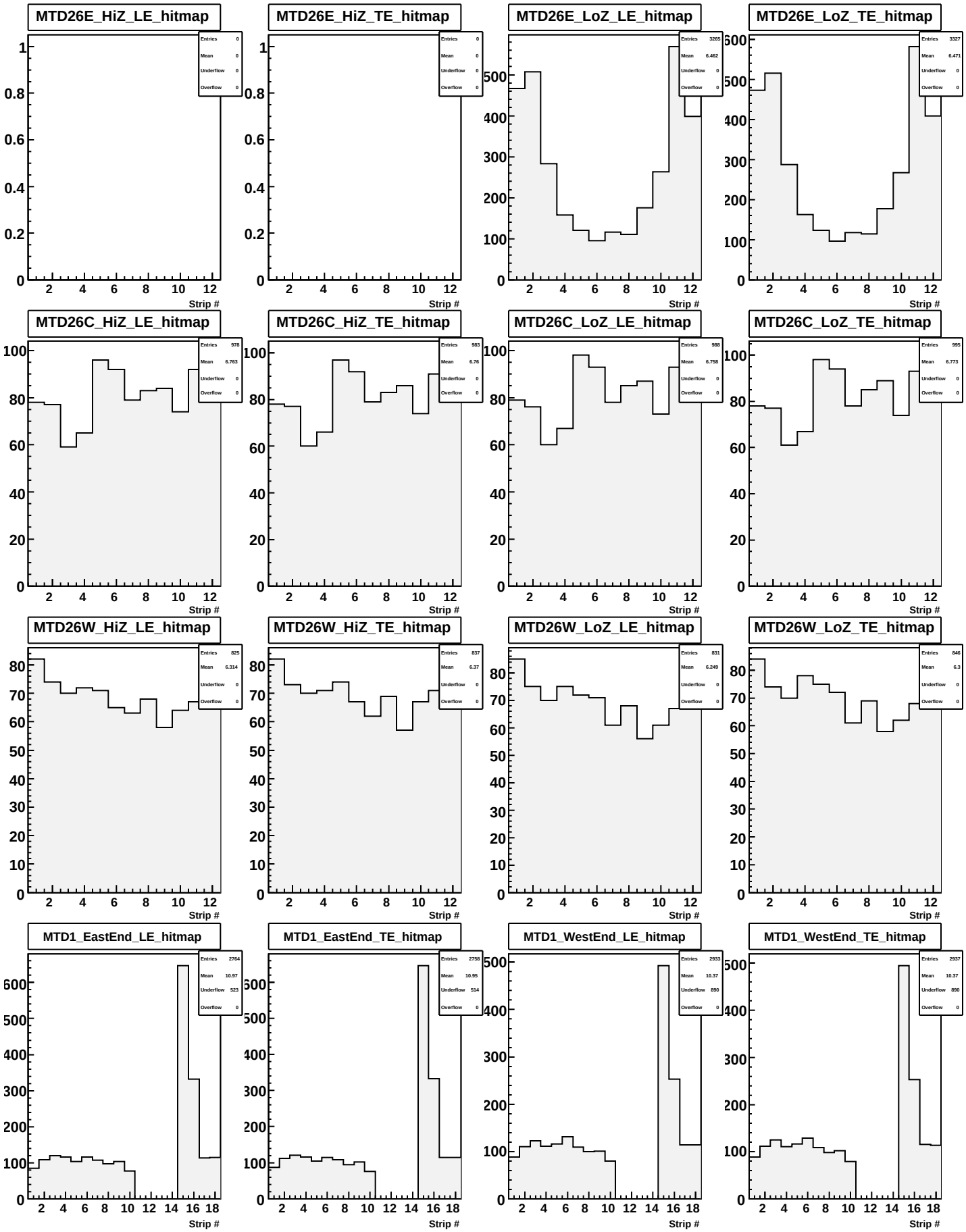

11S2
cr109
Entries 153408

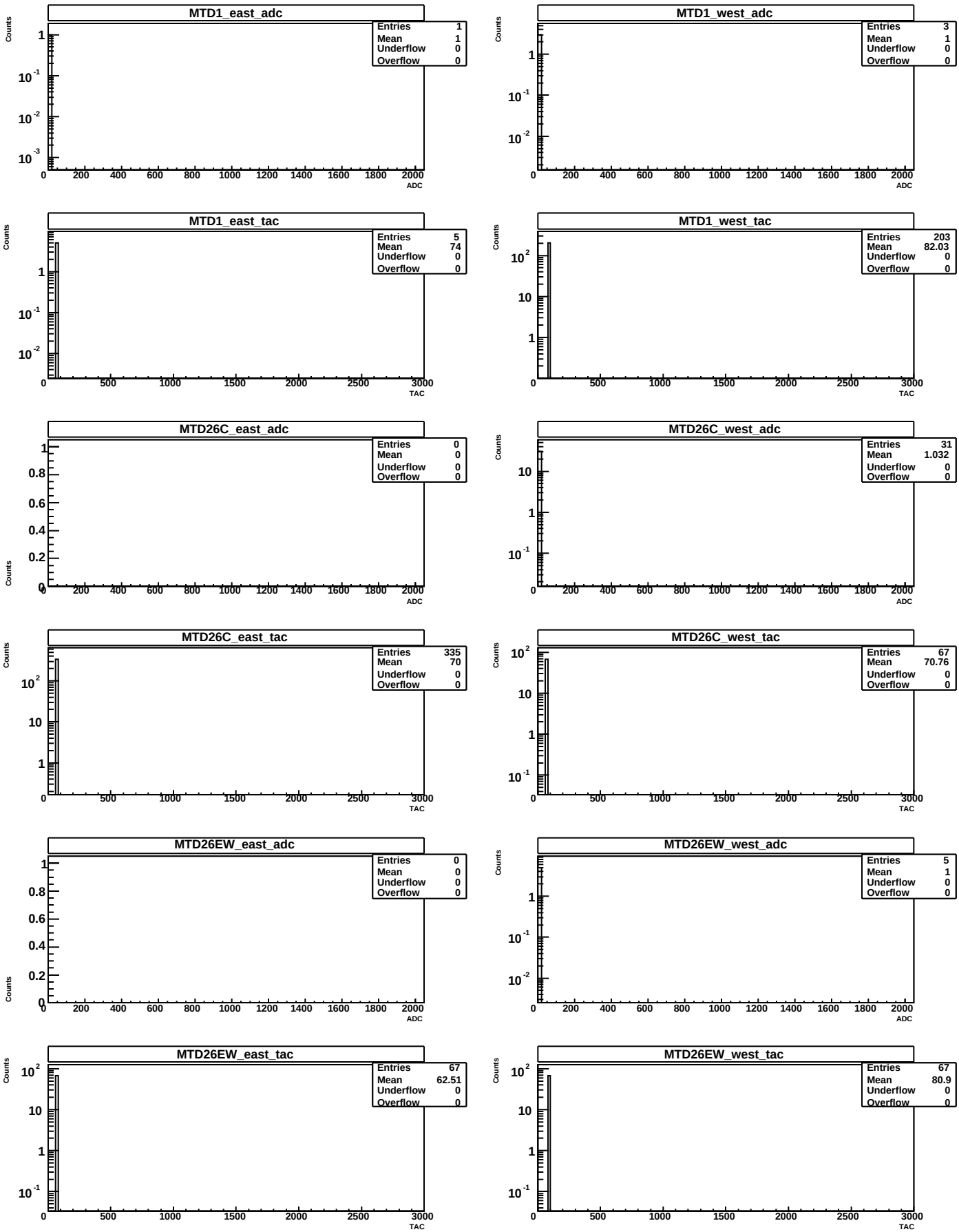

11S3
cr110
Entries 153408

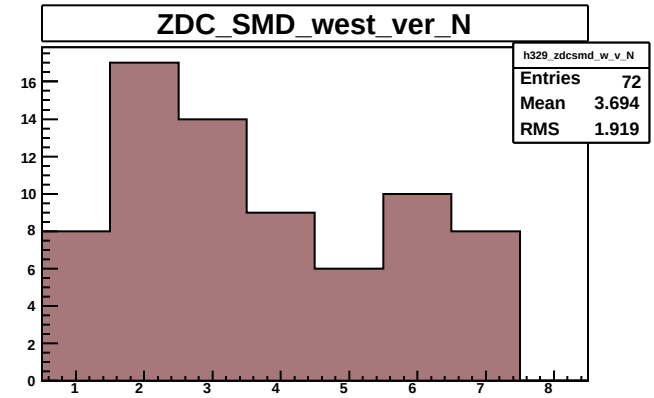

11P1
cr111
Entries 153408

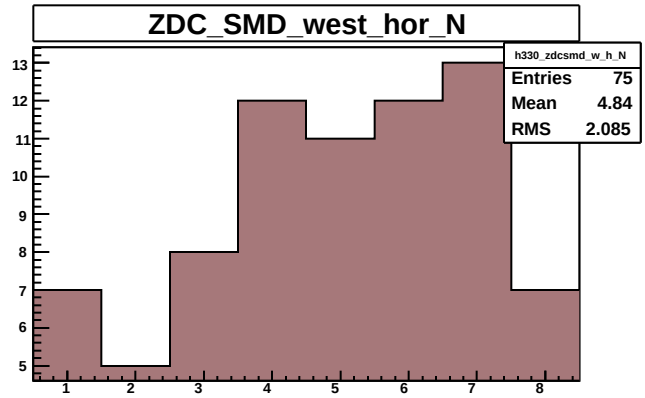

HT input, DSM layer-0, all trig Patches, trig=allTrig
dsm0inJPall_HT
Entries 74160
Hanks ID=10*brd+inpID

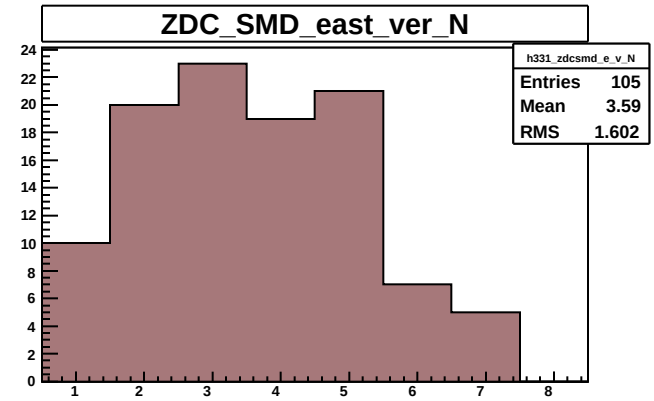

TP input, DSM layer-0, all trig Patches, trig=allTrig
dsm0inJPall_TP
Entries 74160

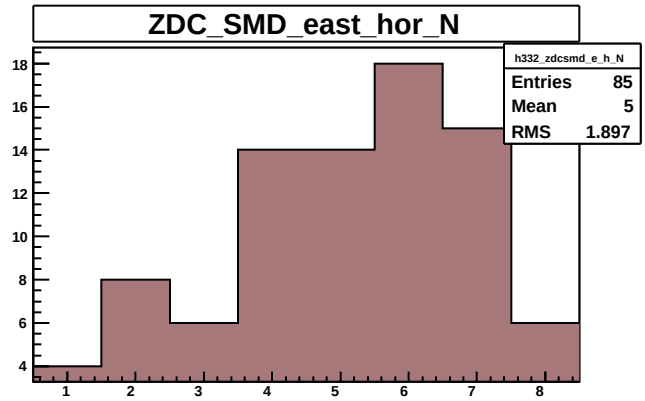

MTD26E_HiZ_LE_hitmap
Entries 0
Mean 0
Underflow 0
Overflow 0
Strip #
MTD26E_HiZ_TE_hitmap
Entries 0
Mean 0
Underflow 0
Overflow 0
Strip #
MTD26E_LoZ_LE_hitmap
Entries 3265
Mean 6.462
Underflow 0
Overflow 0
Strip #
MTD26E_LoZ_TE_hitmap
Entries 3327
Mean 6.471
Underflow 0
Overflow 0
Strip #
MTD26C_HiZ_LE_hitmap
Entries 976
Mean 6.763
Underflow 0
Overflow 0
Strip #
MTD26C_HiZ_TE_hitmap
Entries 983
Mean 6.76
Underflow 0
Overflow 0
Strip #
MTD26C_LoZ_LE_hitmap
Entries 988
Mean 6.758
Underflow 0
Overflow 0
Strip #
MTD26C_LoZ_TE_hitmap
Entries 995
Mean 6.773
Underflow 0
Overflow 0
Strip #
MTD26W_HiZ_LE_hitmap
Entries 825
Mean 6.314
Underflow 0
Overflow 0
Strip #
MTD26W_HiZ_TE_hitmap
Entries 837
Mean 6.37
Underflow 0
Overflow 0
Strip #
MTD26W_LoZ_LE_hitmap
Entries 831
Mean 6.249
Underflow 0
Overflow 0
Strip #
MTD26W_LoZ_TE_hitmap
Entries 846
Mean 6.3
Underflow 0
Overflow 0
Strip #
MTD1_EastEnd_LE_hitmap
Entries 2764
Mean 10.97
Underflow 523
Overflow 0
Strip #
MTD1_EastEnd_TE_hitmap
Entries 2758
Mean 10.95
Underflow 514
Overflow 0
Strip #
MTD1_WestEnd_LE_hitmap
Entries 2933
Mean 10.37
Underflow 890
Overflow 0
Strip #
MTD1_WestEnd_TE_hitmap
Entries 2937
Mean 10.37
Underflow 890
Overflow 0
Strip #

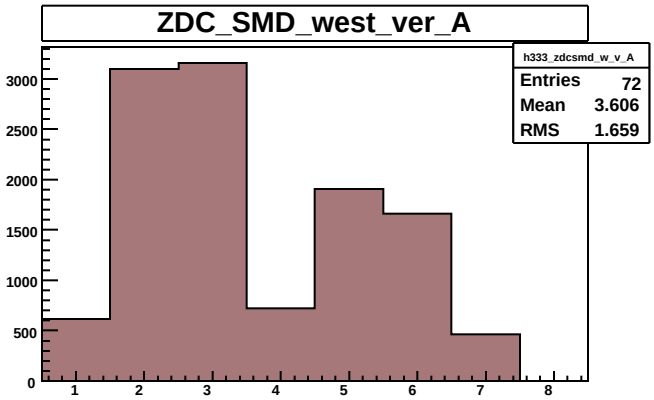

MTD1_east_adc
Entries 1
Mean 1
Underflow 0
Overflow 0
MTD1_west_adc
Entries 3
Mean 1
Underflow 0
Overflow 0
MTD1_east_tac
Entries 5
Mean 74
Underflow 0
Overflow 0
MTD1_west_tac
Entries 203
Mean 82.03
Underflow 0
Overflow 0
MTD26C_east_adc
Entries 0
Mean 0
Underflow 0
Overflow 0
MTD26C_west_adc
Entries 31
Mean 1.032
Underflow 0
Overflow 0
MTD26C_east_tac
Entries 335
Mean 70
Underflow 0
Overflow 0
MTD26C_west_tac
Entries 67
Mean 70.76
Underflow 0
Overflow 0
MTD26EW_east_adc
Entries 0
Mean 0
Underflow 0
Overflow 0
MTD26EW_west_adc
Entries 5
Mean 1
Underflow 0
Overflow 0
MTD26EW_east_tac
Entries 67
Mean 62.51
Underflow 0
Overflow 0
MTD26EW_west_tac
Entries 67
Mean 80.9
Underflow 0
Overflow 0
Counts
ADC
TAC

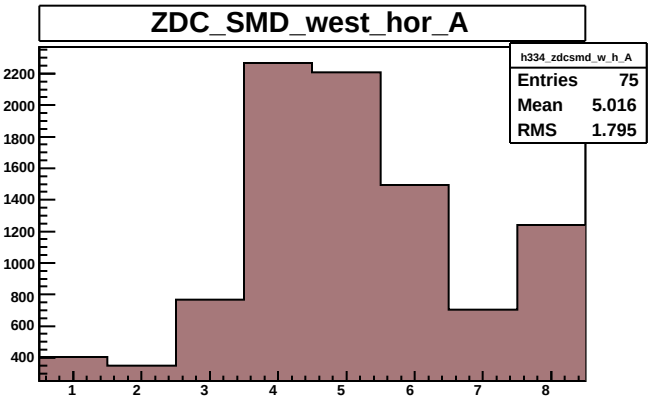

ZDC_SMD_west_ver_N
h329_zdcsmd_w_v_N
Entries 72
Mean 3.694
RMS 1.919

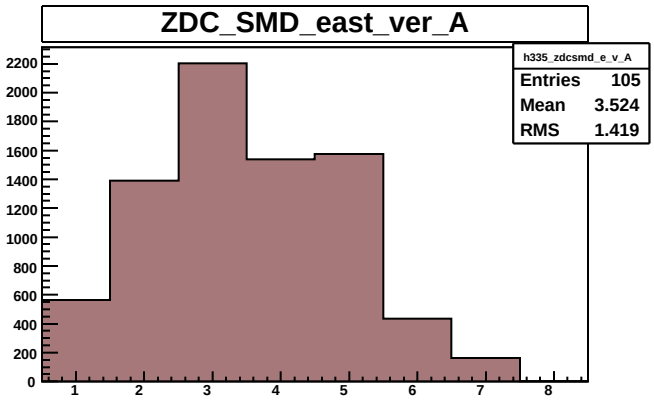

ZDC_SMD_west_hor_N
h330_zdcsmd_w_h_N
Entries 75
Mean 4.84
RMS 2.085

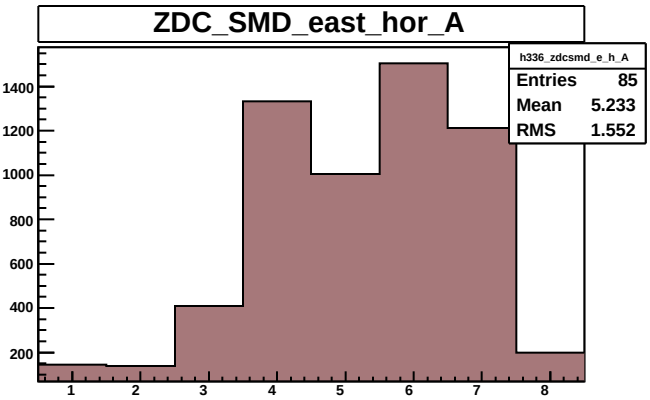

ZDC_SMD_east_ver_N
h331_zdcsmd_e_v_N
Entries 105
Mean 3.59
RMS 1.602


ZDC_SMD_east_hor_N
h332_zdcsmd_e_h_N
Entries 85
Mean 5
RMS 1.897

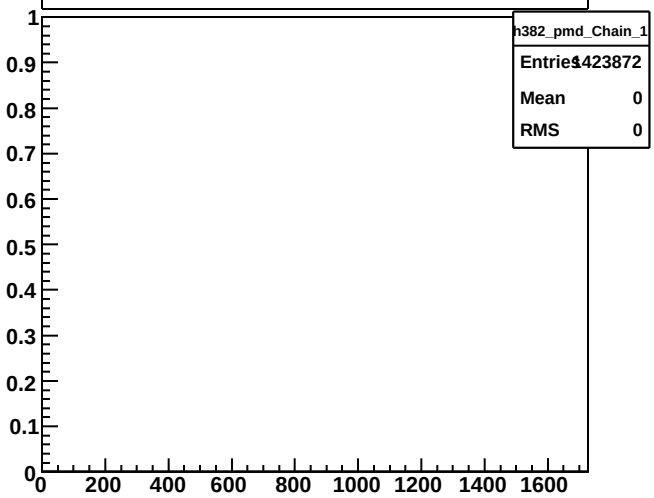

ZDC_SMD_west_ver_A
h333_zdcsmd_w_v_A
Entries 72
Mean 3.606
RMS 1.659


ZDC_SMD_west_hor_A
h334_zdcsmd_w_h_A
Entries 75
Mean 5.016
RMS 1.795

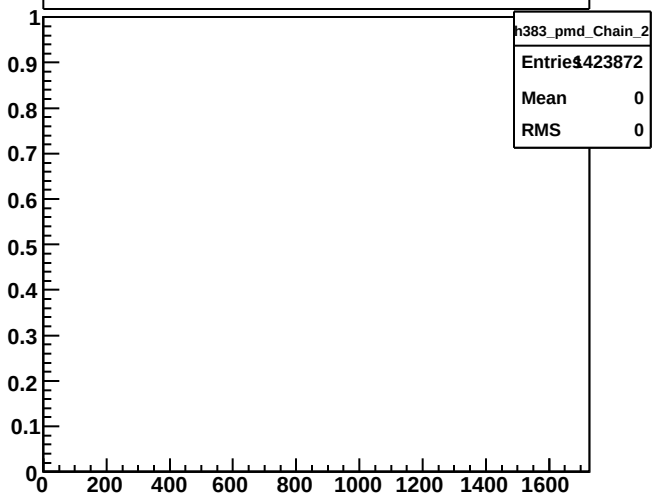

ZDC_SMD_east_ver_A
h335_zdcsmd_e_v_A
Entries 105
Mean 3.524
RMS 1.419


ZDC_SMD_east_hor_A
h336_zdcsmd_e_h_A
Entries 85
Mean 5.233
RMS 1.552

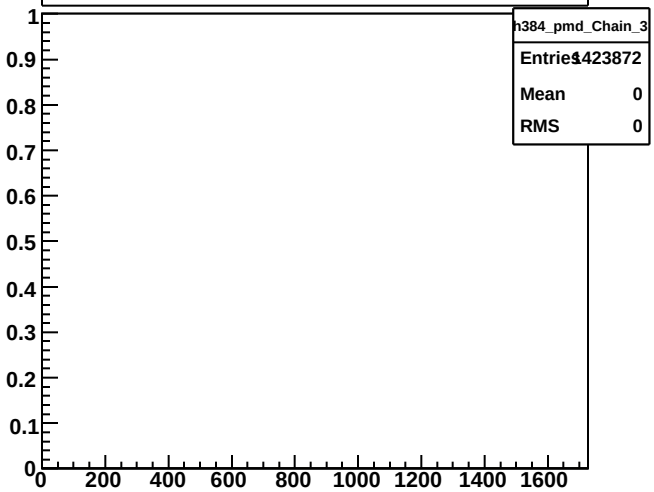
Channel_vs_ADC for CPV Chain 1



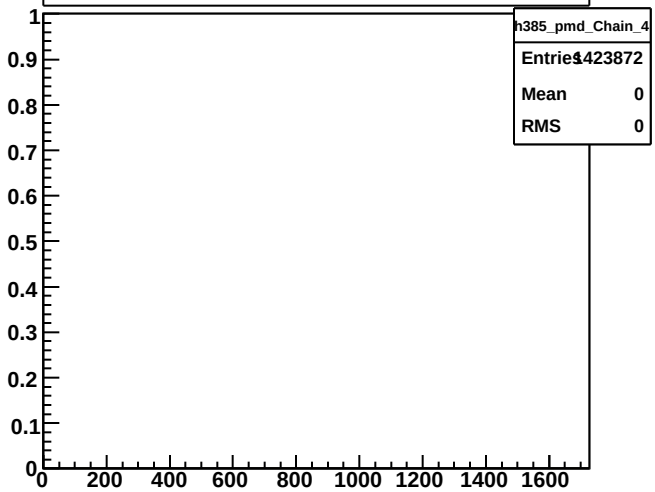
Channel_vs_ADC for CPV Chain 2



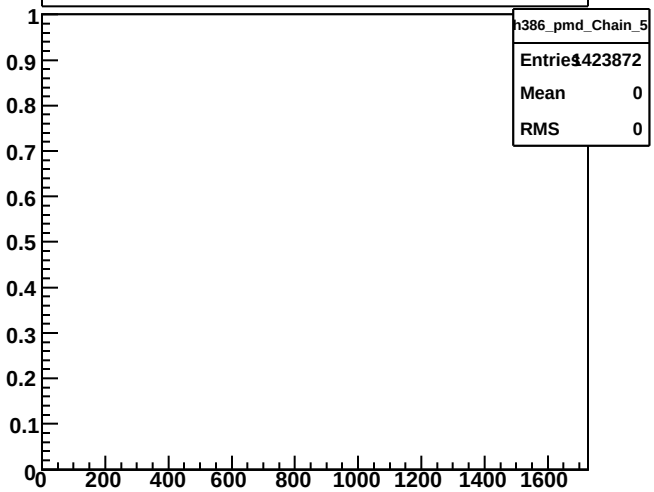
Channel_vs_ADC for CPV Chain 3



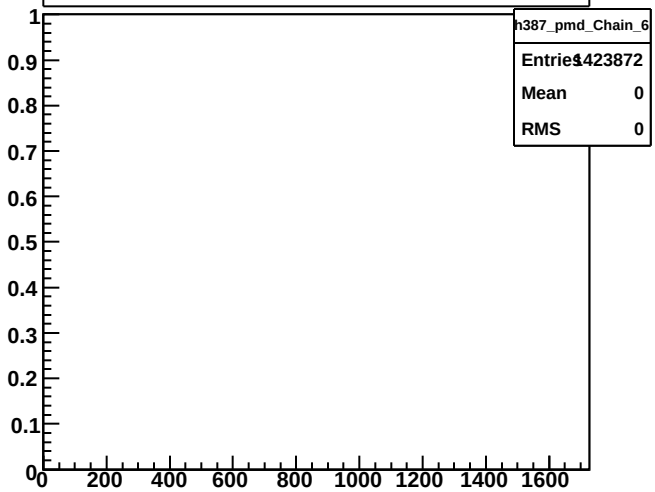
Channel_vs_ADC for CPV Chain 4

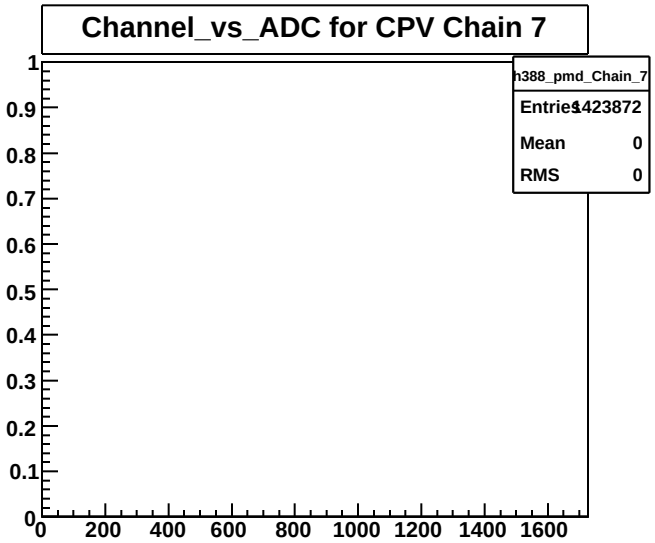


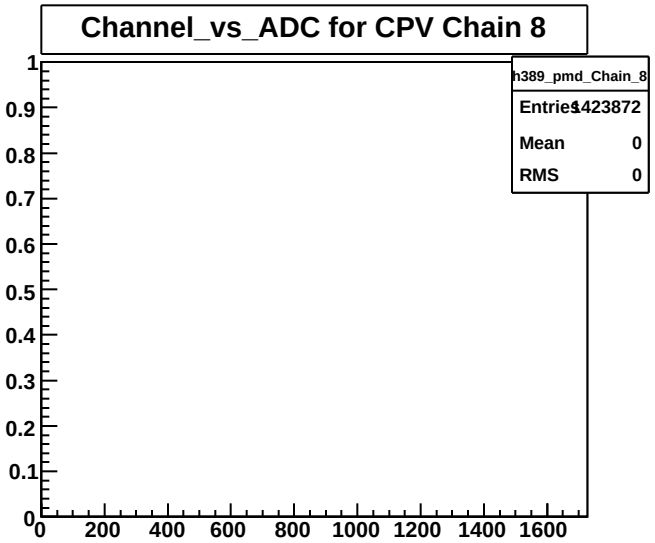
Channel_vs_ADC for CPV Chain 5

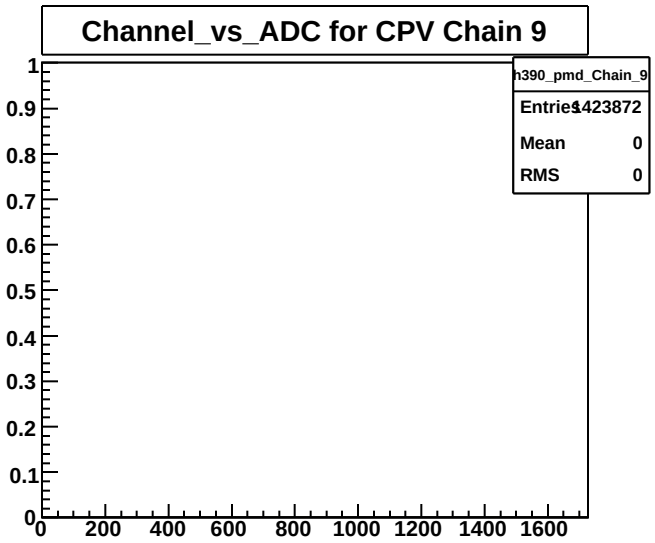


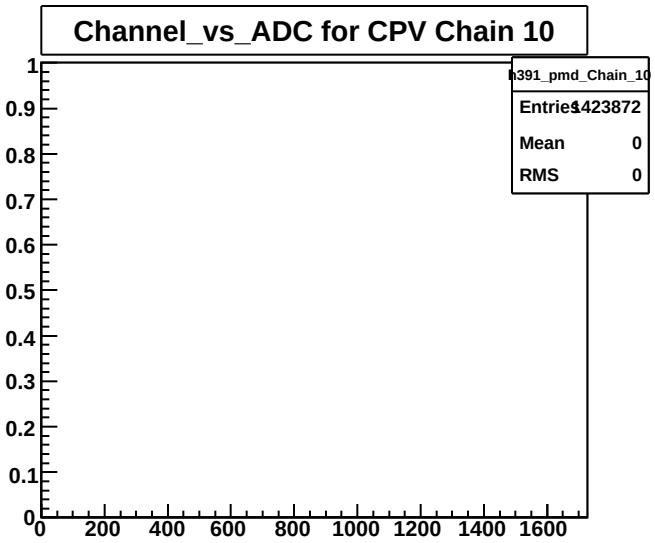
Channel_vs_ADC for Preshower Chain 36

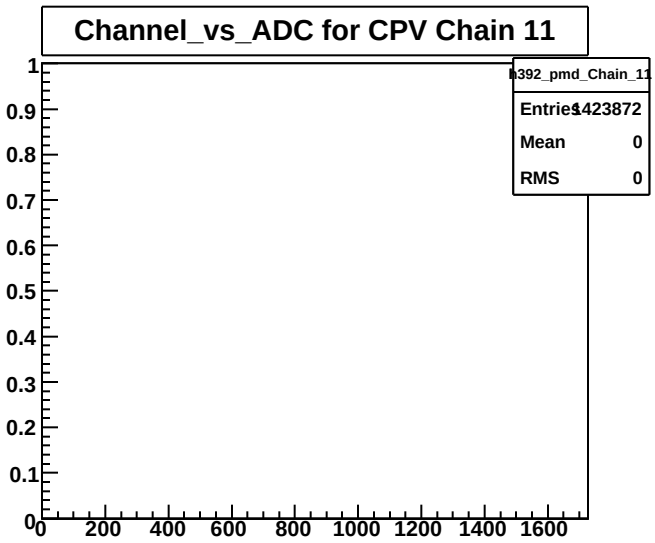


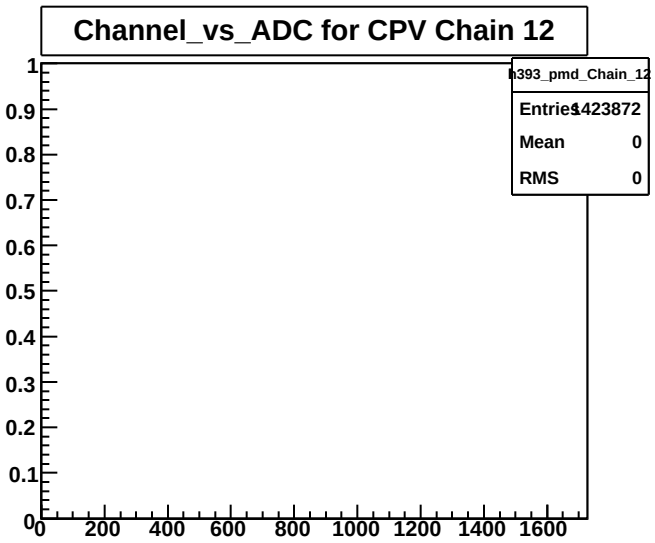

Channel_vs_ADC for CPV Chain 7
h388_pmd_Chain_7
Entries 1423872
Mean 0
RMS 0

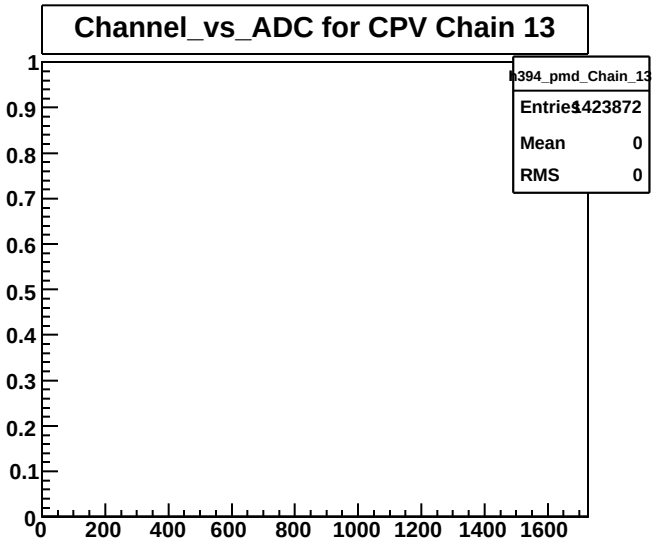

Channel_vs_ADC for CPV Chain 8
h389_pmd_Chain_8
Entries 1423872
Mean 0
RMS 0

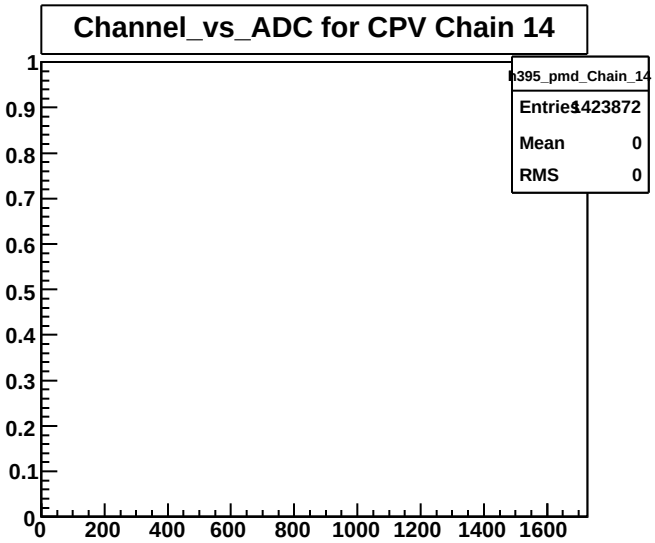

Channel_vs_ADC for CPV Chain 9
h390_pmd_Chain_9
Entries 1423872
Mean 0
RMS 0

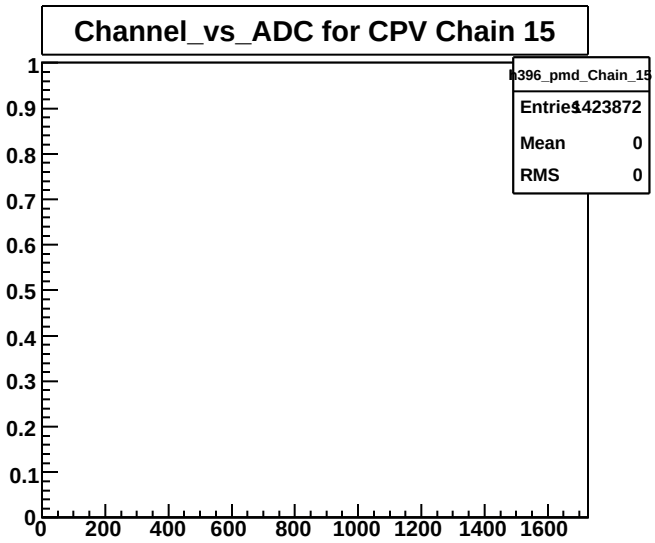

Channel_vs_ADC for CPV Chain 10
h391_pmd_Chain_10
Entries 1423872
Mean 0
RMS 0

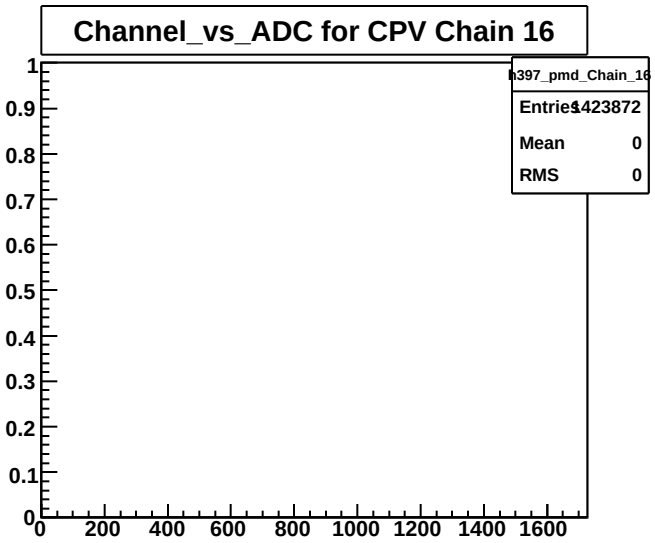

Channel_vs_ADC for CPV Chain 11
h392_pmd_Chain_11
Entries 1423872
Mean 0
RMS 0

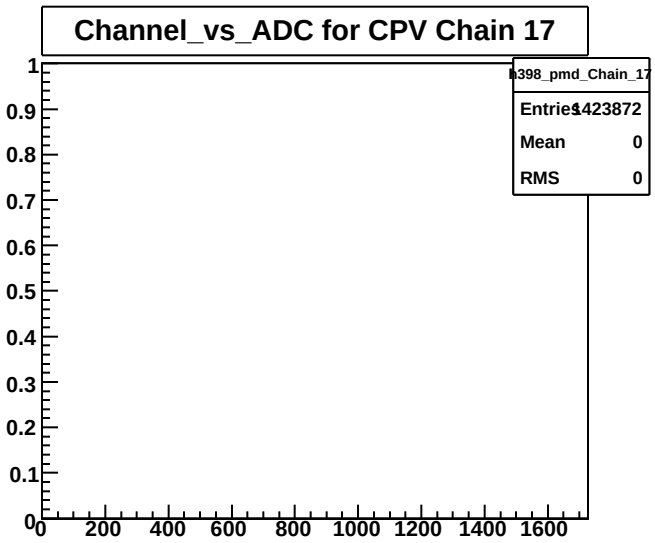

Channel_vs_ADC for CPV Chain 12
h393_pmd_Chain_12
Entries 1423872
Mean 0
RMS 0

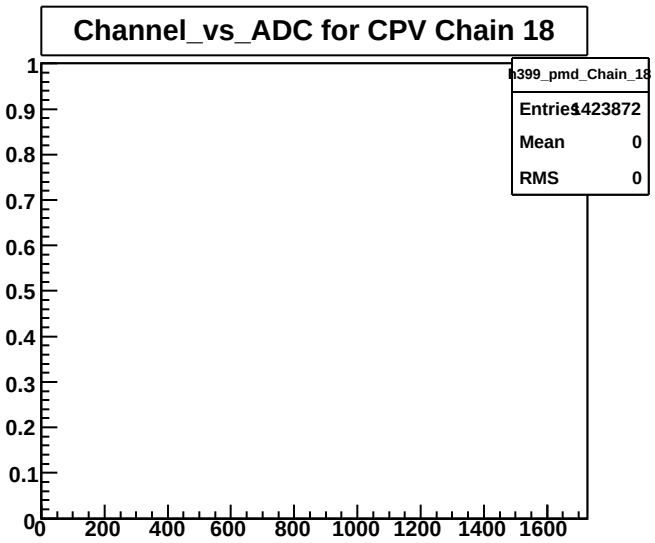

Channel_vs_ADC for CPV Chain 13
h394_pmd_Chain_13
Entries 1423872
Mean 0
RMS 0

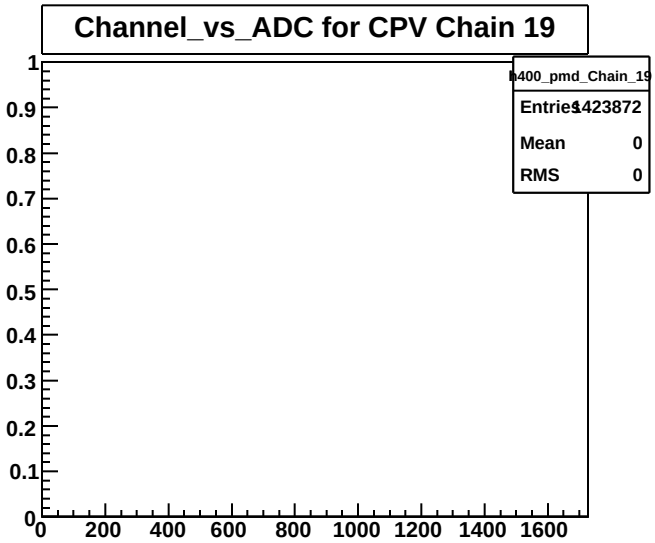

Channel_vs_ADC for CPV Chain 14
h395_pmd_Chain_14
Entries 1423872
Mean 0
RMS 0

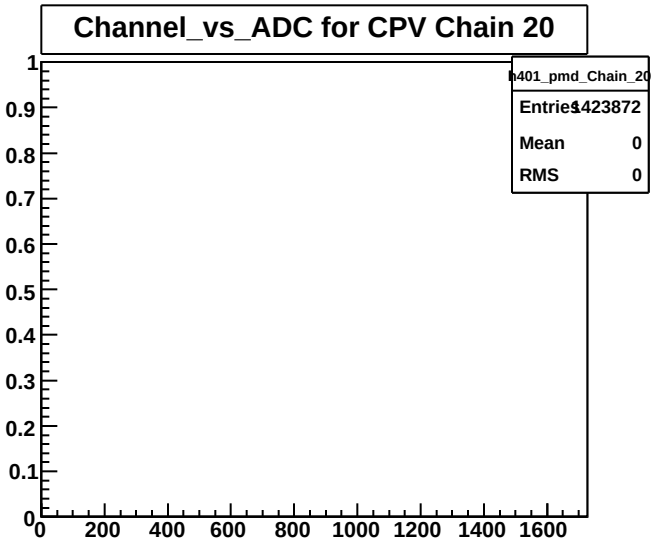

Channel_vs_ADC for CPV Chain 15
h396_pmd_Chain_15
Entries 1423872
Mean 0
RMS 0

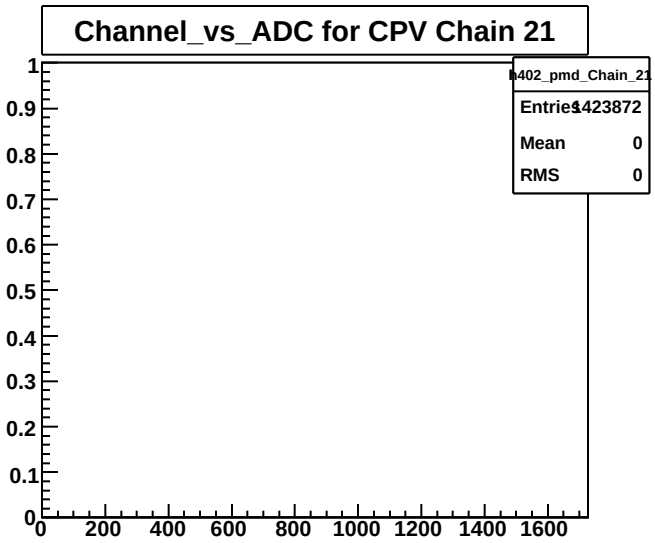

Channel_vs_ADC for CPV Chain 16
h397_pmd_Chain_16
Entries 1423872
Mean 0
RMS 0

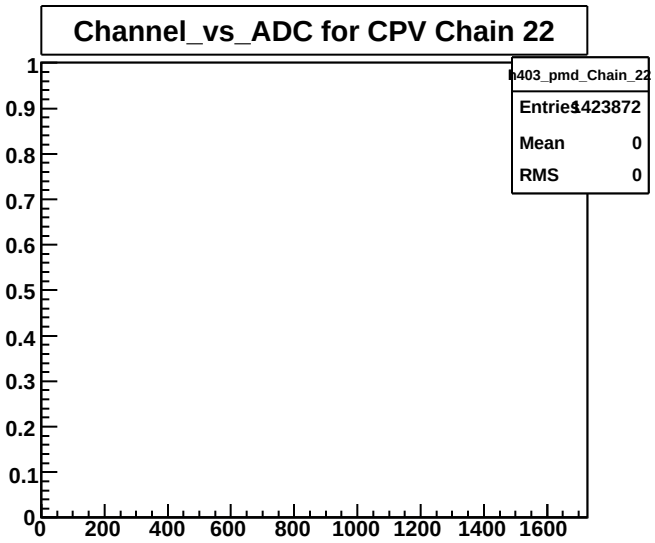

Channel_vs_ADC for CPV Chain 17
h398_pmd_Chain_17
Entries 1423872
Mean 0
RMS 0

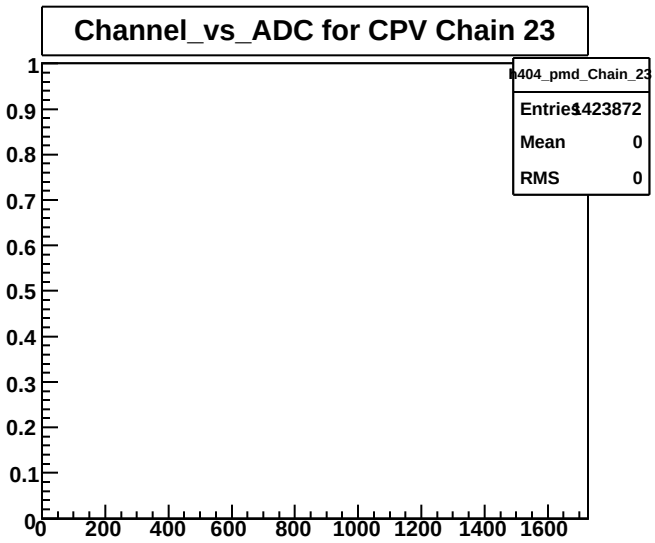

Channel_vs_ADC for CPV Chain 18
h399_pmd_Chain_18
Entries 1423872
Mean 0
RMS 0

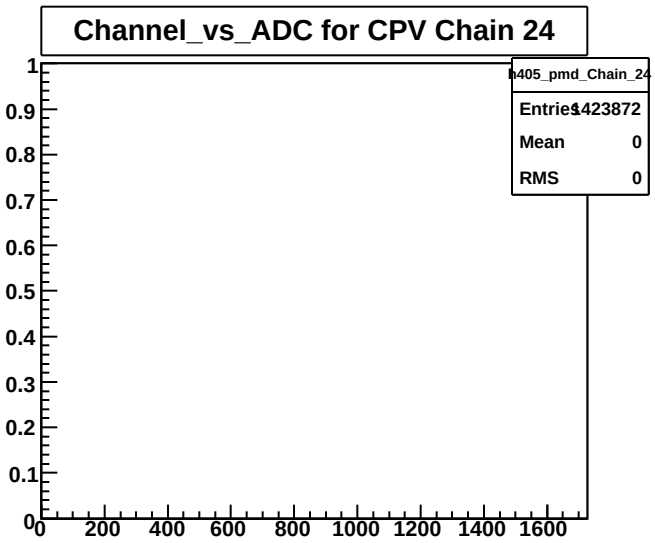

Channel_vs_ADC for CPV Chain 19
h400_pmd_Chain_19
Entries 1423872
Mean 0
RMS 0

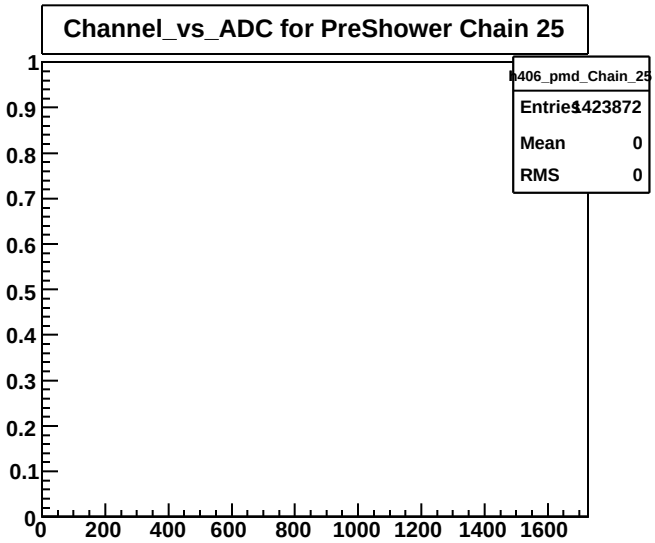

Channel_vs_ADC for CPV Chain 20
h401_pmd_Chain_20
Entries 1423872
Mean 0
RMS 0

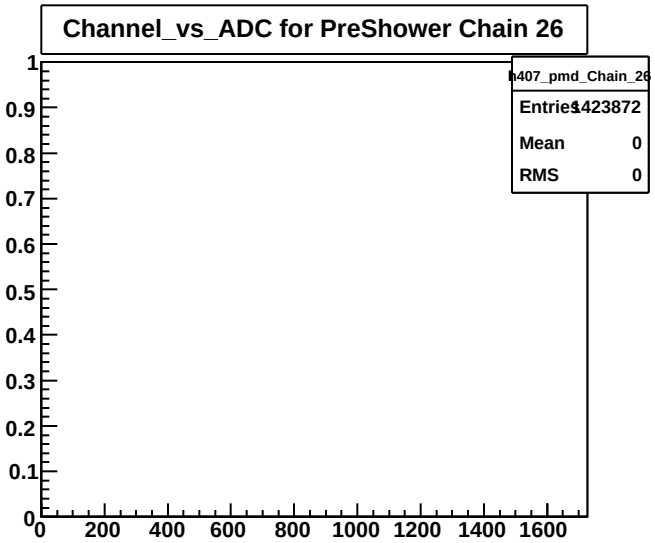

Channel_vs_ADC for CPV Chain 21
h402_pmd_Chain_21
Entries 1423872
Mean 0
RMS 0

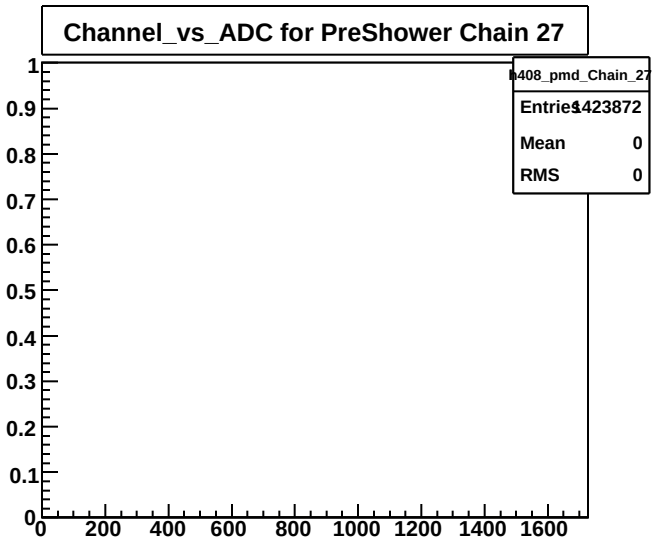

Channel_vs_ADC for CPV Chain 22
h403_pmd_Chain_22
Entries 1423872
Mean 0
RMS 0

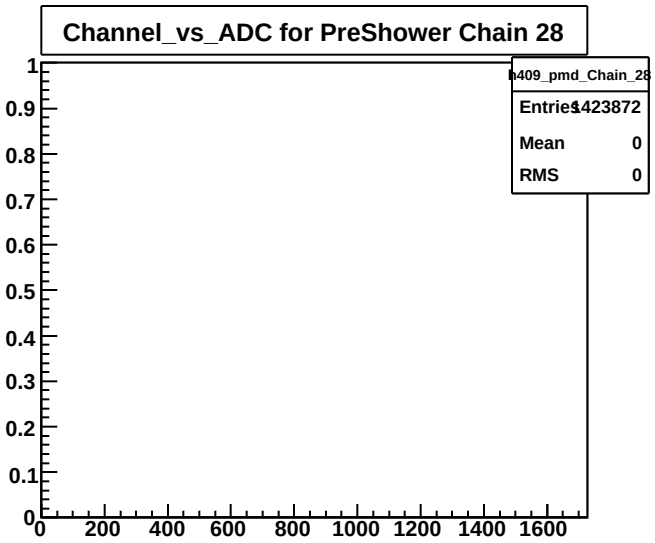

Channel_vs_ADC for CPV Chain 23
h404_pmd_Chain_23
Entries 1423872
Mean 0
RMS 0

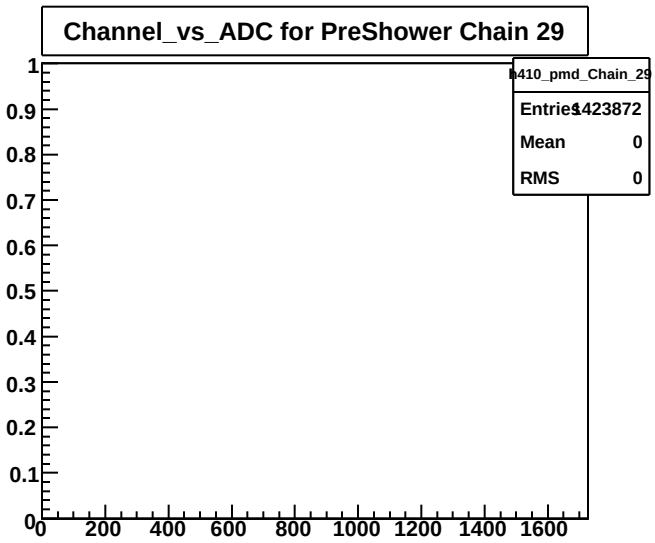

Channel_vs_ADC for CPV Chain 24
h405_pmd_Chain_24
Entries 1423872
Mean 0
RMS 0

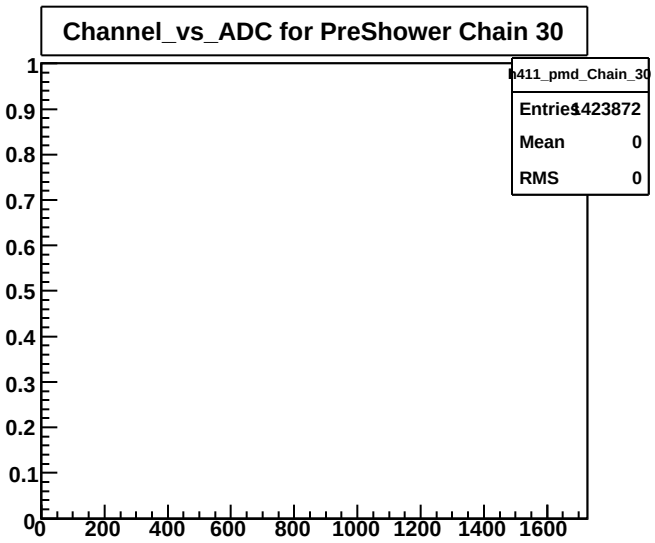

Channel_vs_ADC for PreShower Chain 25
h406_pmd_Chain_25
Entries 1423872
Mean 0
RMS 0

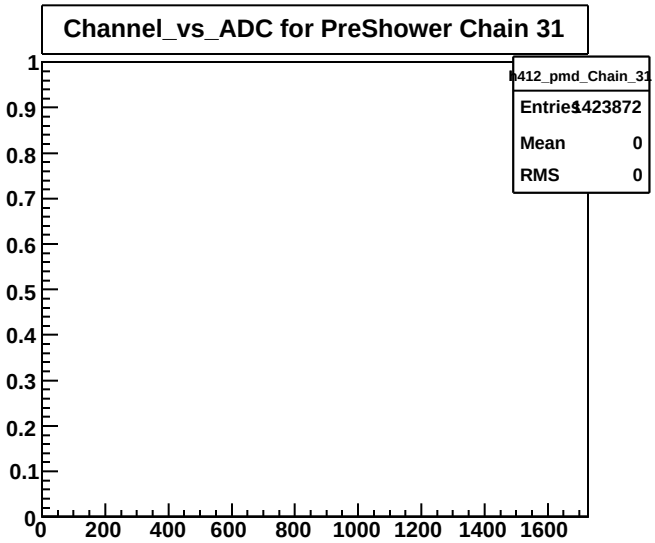

Channel_vs_ADC for PreShower Chain 26
h407_pmd_Chain_26
Entries 1423872
Mean 0
RMS 0

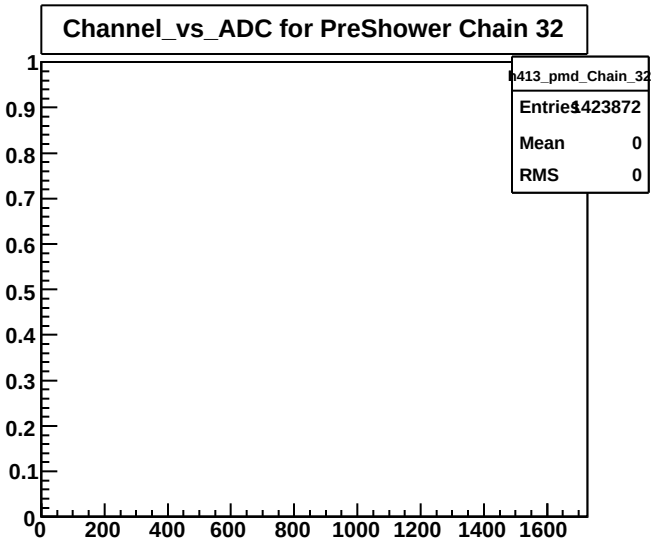

Channel_vs_ADC for PreShower Chain 27
h408_pmd_Chain_27
Entries 1423872
Mean 0
RMS 0

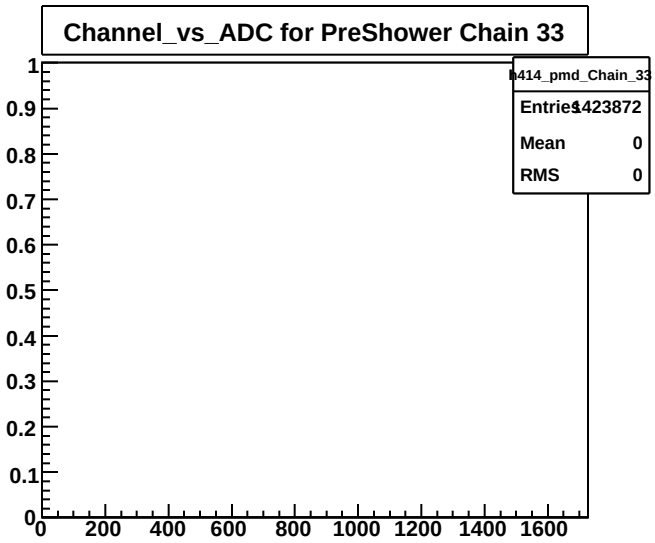

Channel_vs_ADC for PreShower Chain 28
h409_pmd_Chain_28
Entries 1423872
Mean 0
RMS 0

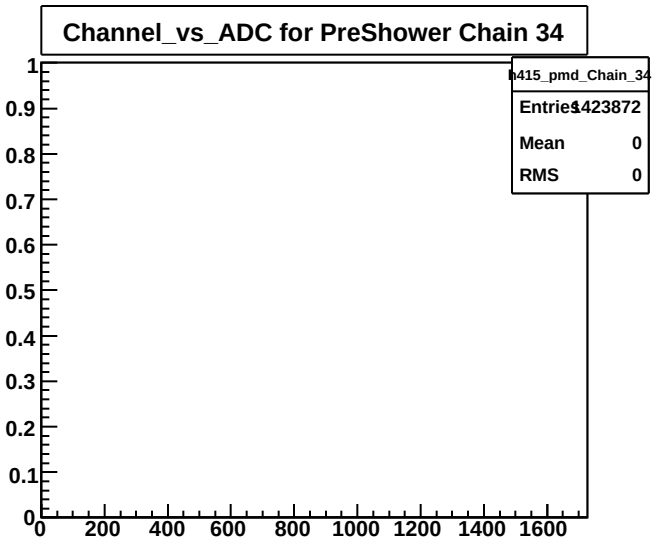

Channel_vs_ADC for PreShower Chain 29
h410_pmd_Chain_29
Entries 1423872
Mean 0
RMS 0

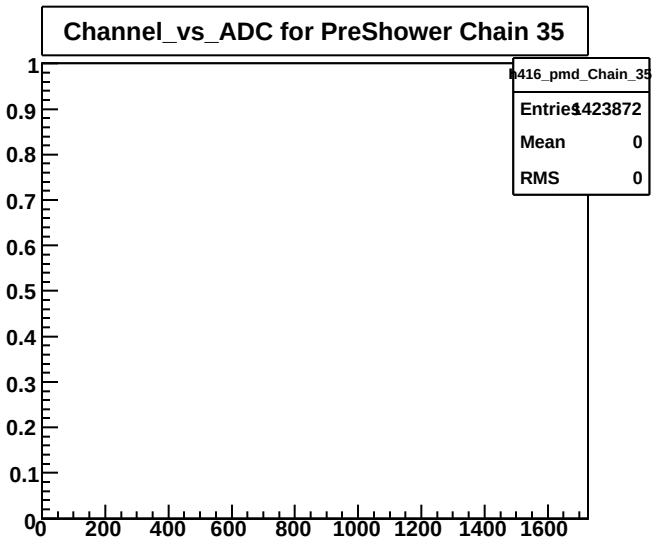

Channel_vs_ADC for PreShower Chain 30
h411_pmd_Chain_30
Entries 1423872
Mean 0
RMS 0

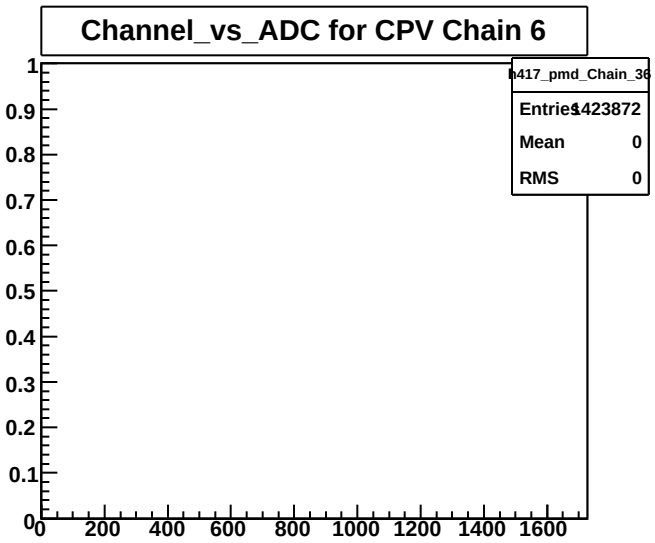

Channel_vs_ADC for PreShower Chain 31
h412_pmd_Chain_31
Entries 1423872
Mean 0
RMS 0

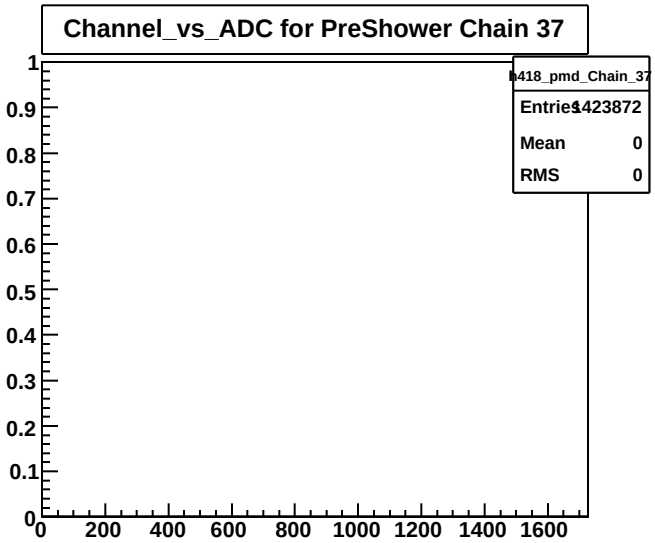

Channel_vs_ADC for PreShower Chain 32
h413_pmd_Chain_32
Entries 1423872
Mean 0
RMS 0

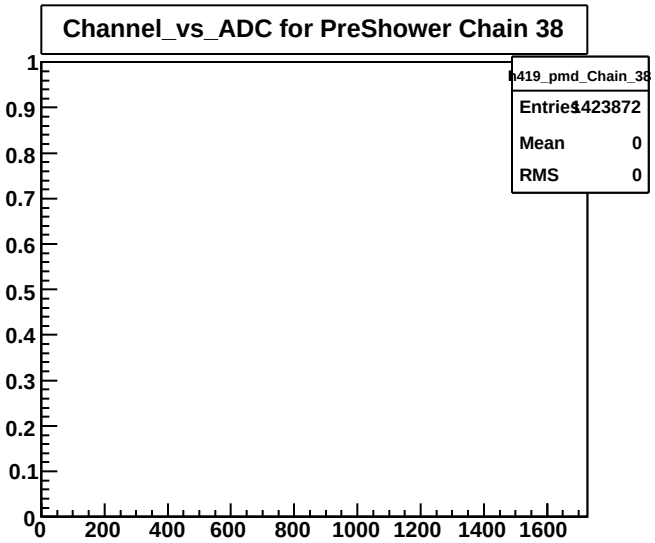

Channel_vs_ADC for PreShower Chain 33
h414_pmd_Chain_33
Entries 1423872
Mean 0
RMS 0

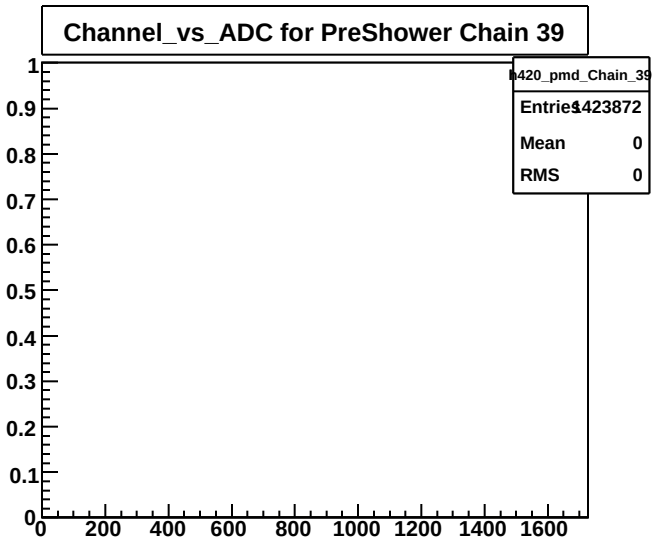

Channel_vs_ADC for PreShower Chain 34
h415_pmd_Chain_34
Entries 1423872
Mean 0
RMS 0

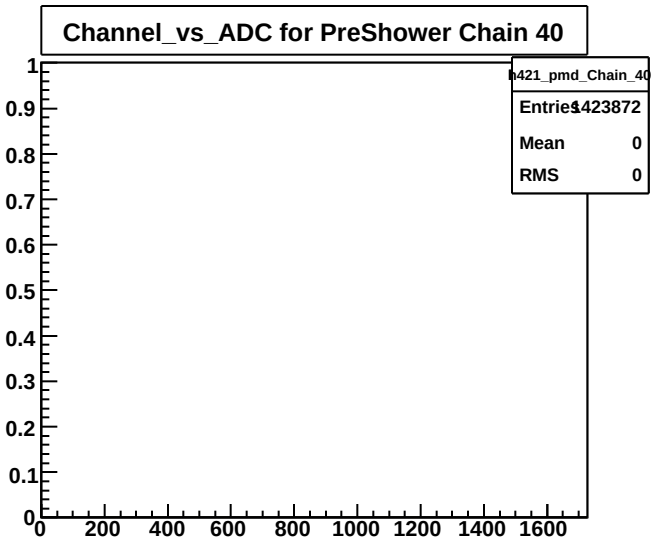

Channel_vs_ADC for PreShower Chain 35
h416_pmd_Chain_35
Entries 1423872
Mean 0
RMS 0

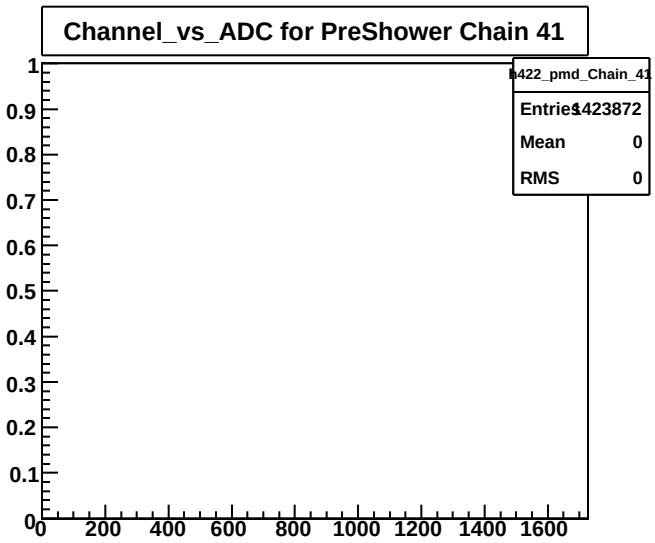

Channel_vs_ADC for CPV Chain 6
h417_pmd_Chain_36
Entries 1423872
Mean 0
RMS 0

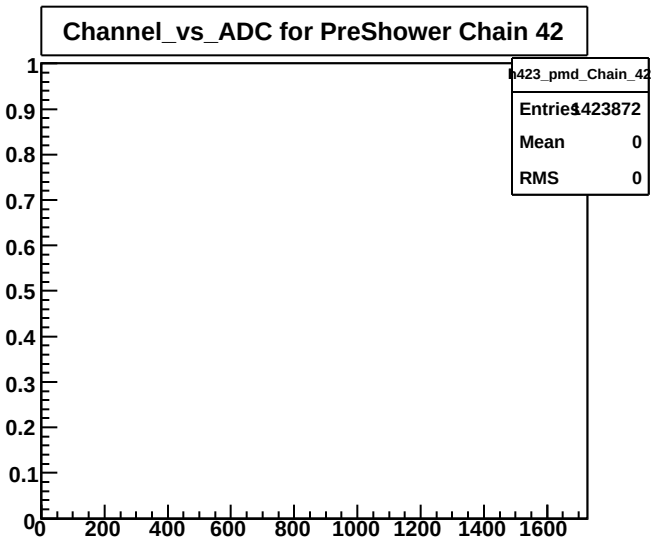

Channel_vs_ADC for PreShower Chain 37
h418_pmd_Chain_37
Entries 1423872
Mean 0
RMS 0

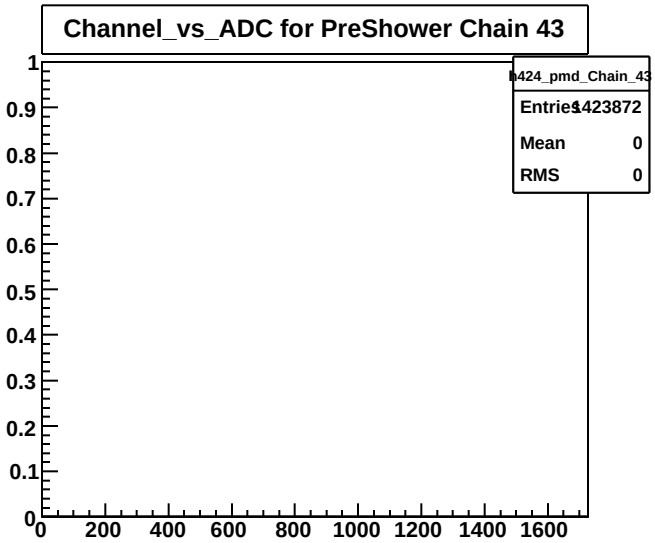

Channel_vs_ADC for PreShower Chain 38
h419_pmd_Chain_38
Entries 1423872
Mean 0
RMS 0

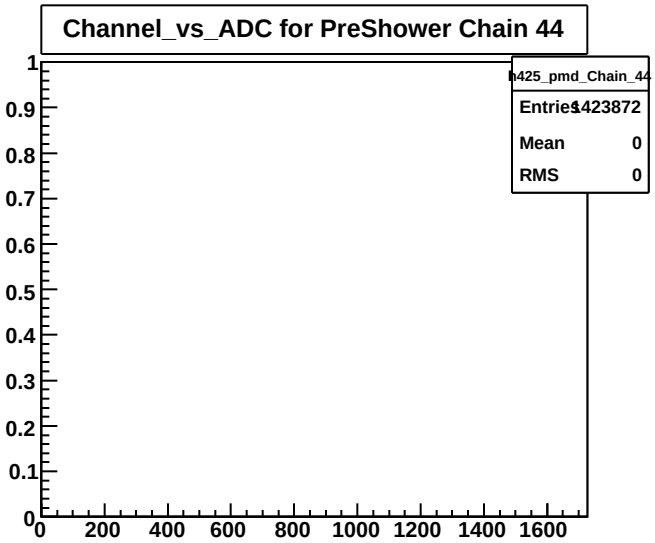

Channel_vs_ADC for PreShower Chain 39
h420_pmd_Chain_39
Entries 1423872
Mean 0
RMS 0

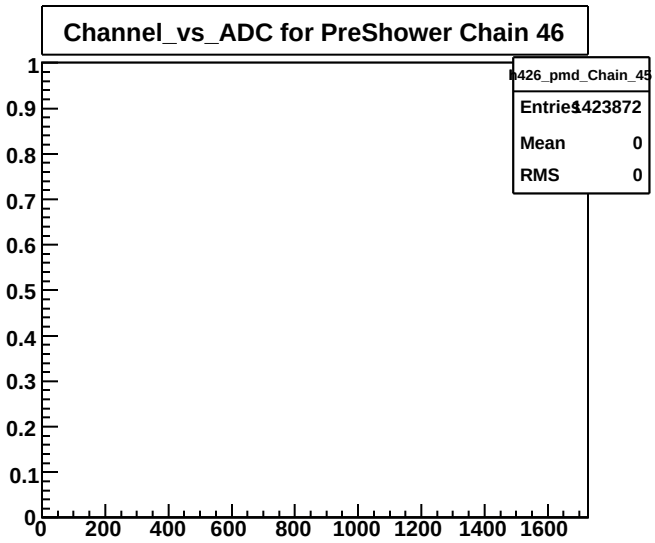

Channel_vs_ADC for PreShower Chain 40
h421_pmd_Chain_40
Entries 1423872
Mean 0
RMS 0

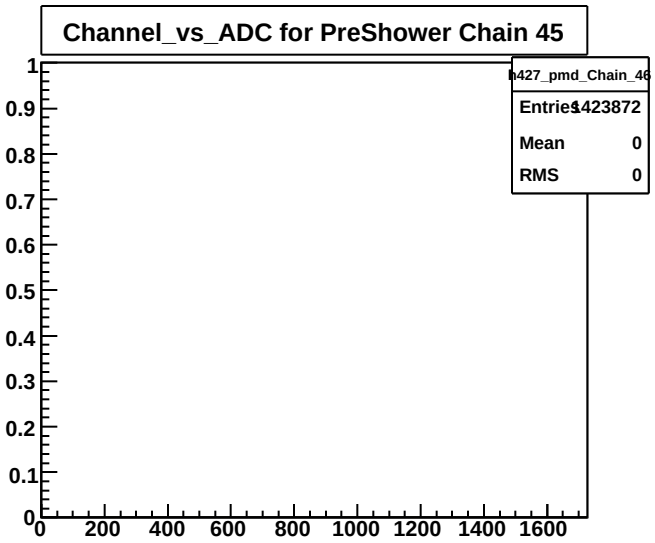

Channel_vs_ADC for PreShower Chain 41
h422_pmd_Chain_41
Entries 1423872
Mean 0
RMS 0

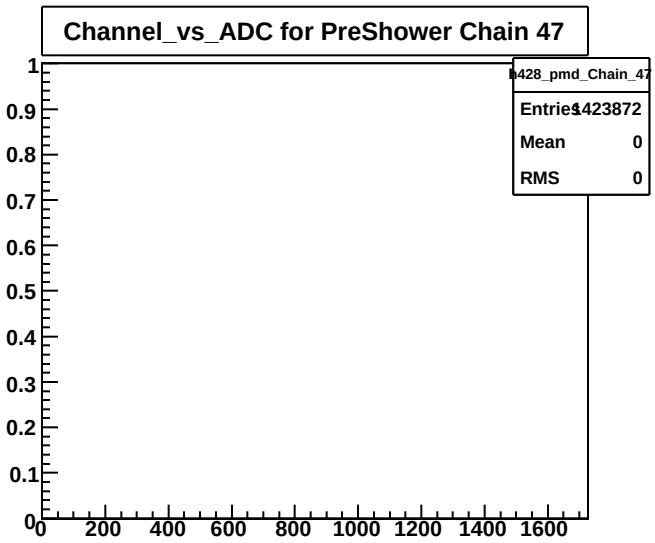

Channel_vs_ADC for PreShower Chain 42
h423_pmd_Chain_42
Entries 1423872
Mean 0
RMS 0

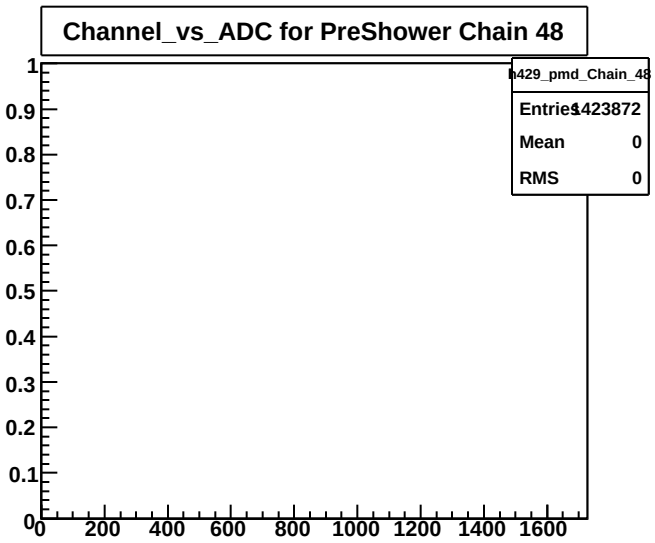

Channel_vs_ADC for PreShower Chain 43
h424_pmd_Chain_43
Entries 1423872
Mean 0
RMS 0

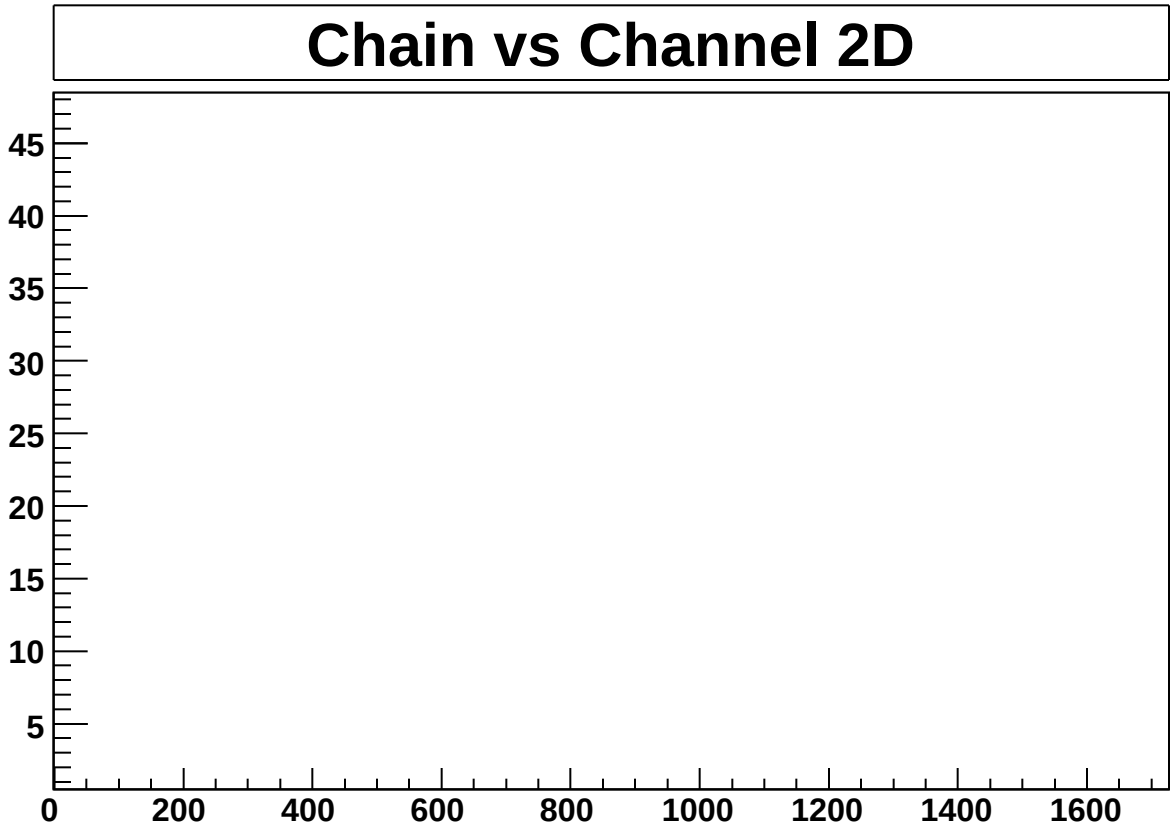

Channel_vs_ADC for PreShower Chain 44
h425_pmd_Chain_44
Entries 1423872
Mean 0
RMS 0

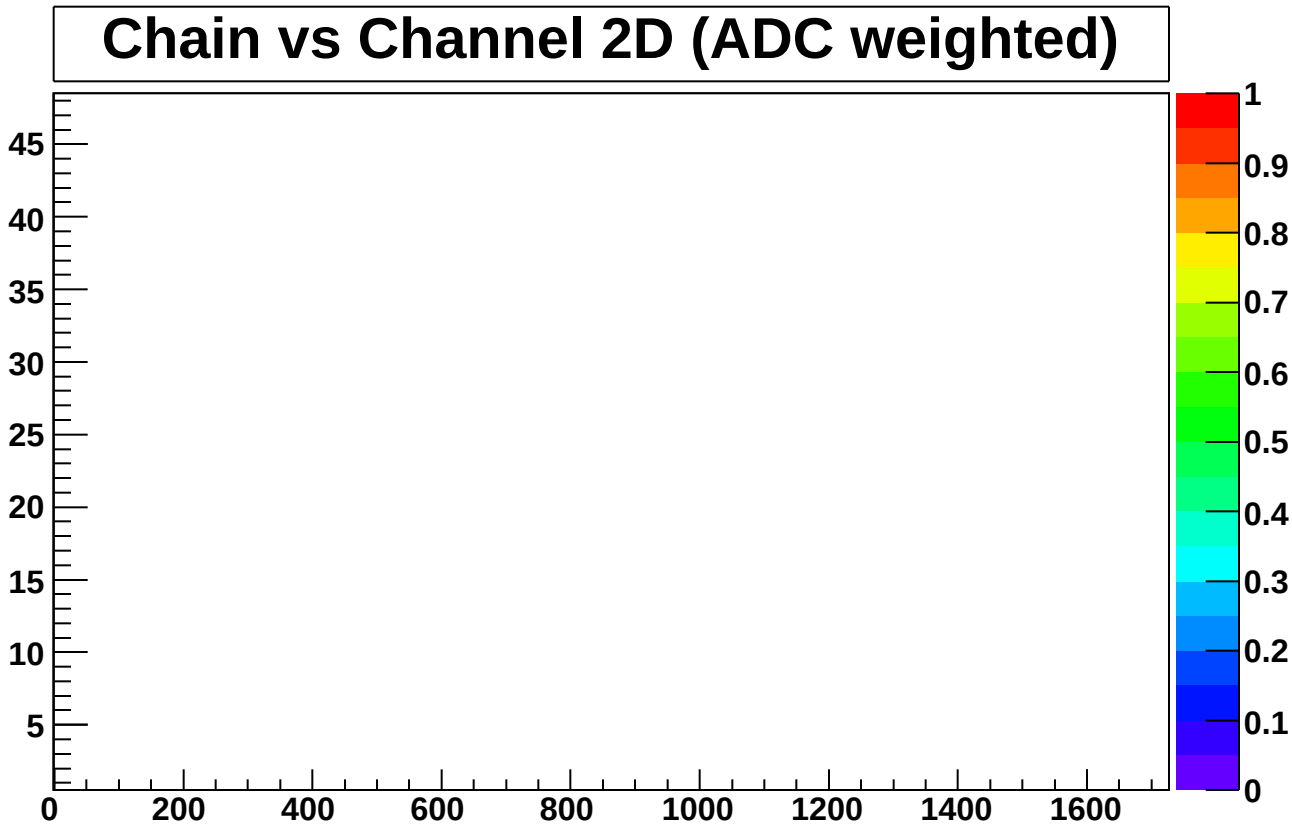

Channel_vs_ADC for PreShower Chain 46
h426_pmd_Chain_45
Entries 1423872
Mean 0
RMS 0


Channel_vs_ADC for PreShower Chain 45
h427_pmd_Chain_46
Entries 1423872
Mean 0
RMS 0

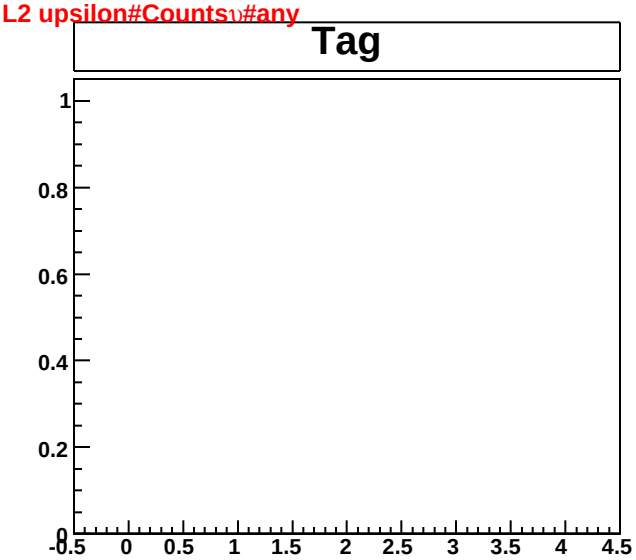

Channel_vs_ADC for PreShower Chain 47
h428_pmd_Chain_47
Entries 1423872
Mean 0
RMS 0

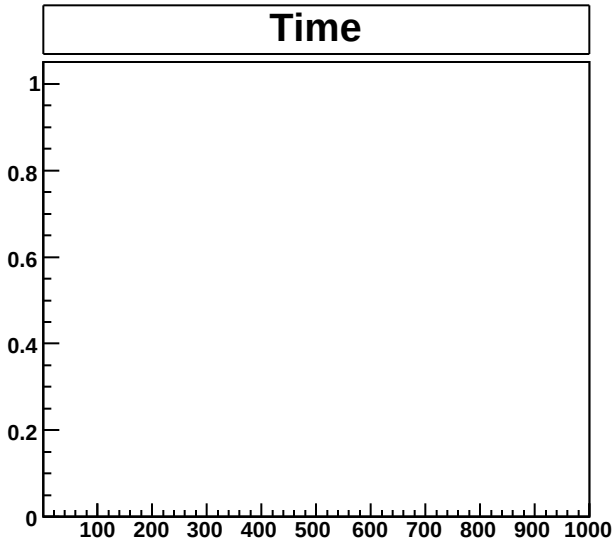

Channel_vs_ADC for PreShower Chain 48
h429_pmd_Chain_48
Entries 1423872
Mean 0
RMS 0

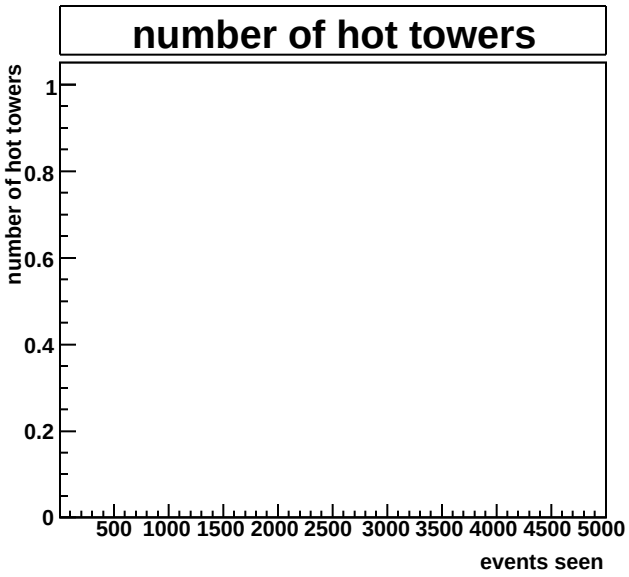

Chain vs Channel 2D
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
1200
1400
1600

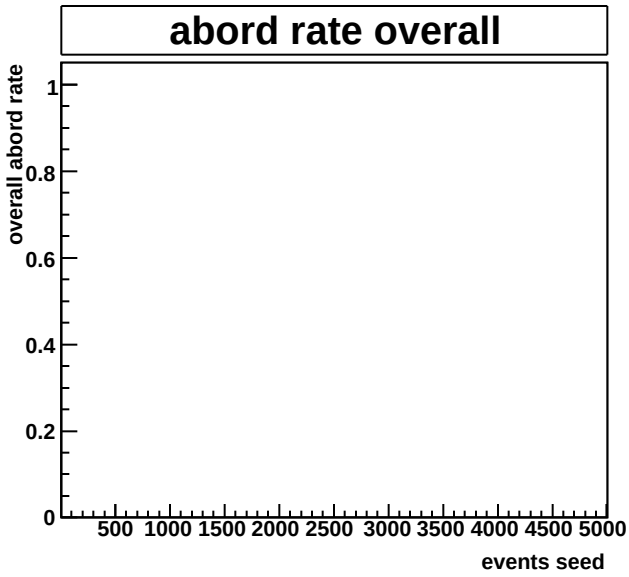

Chain vs Channel 2D (ADC weighted)
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
1200
1400
1600
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

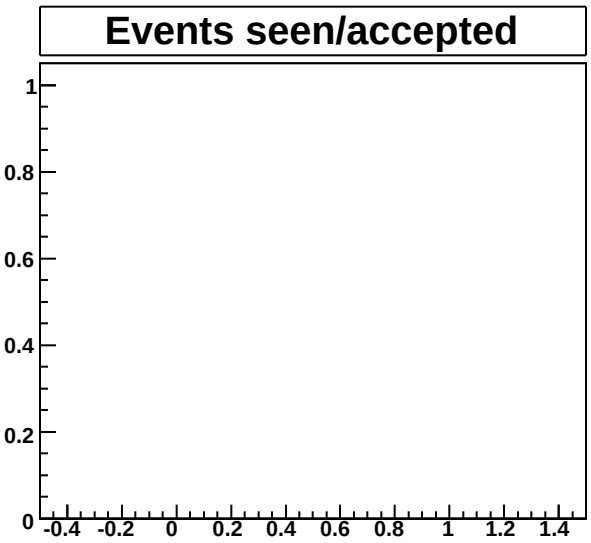
L2 upsilon#Countsυ#any

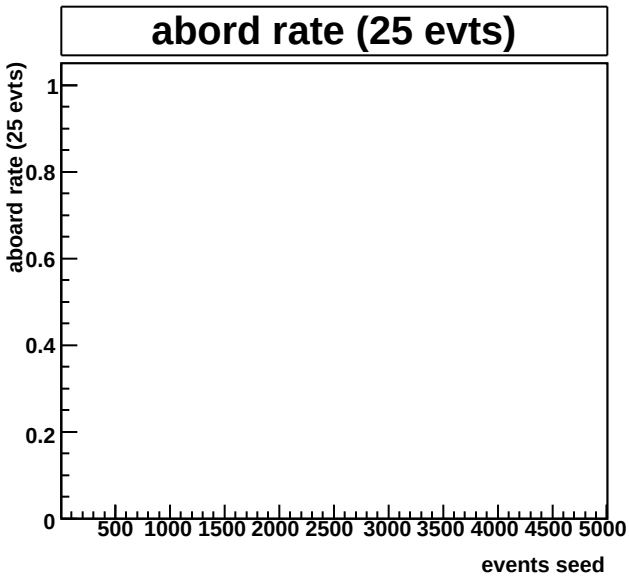




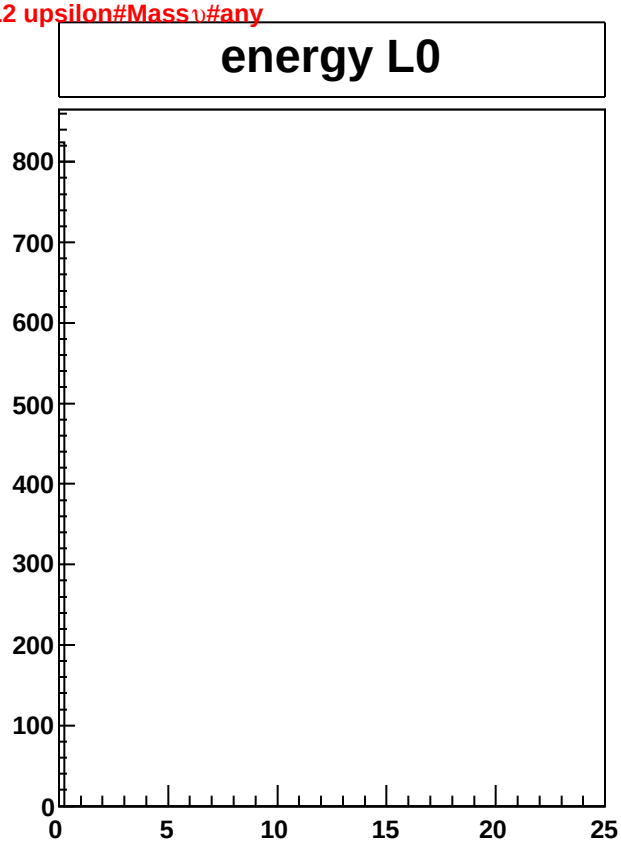


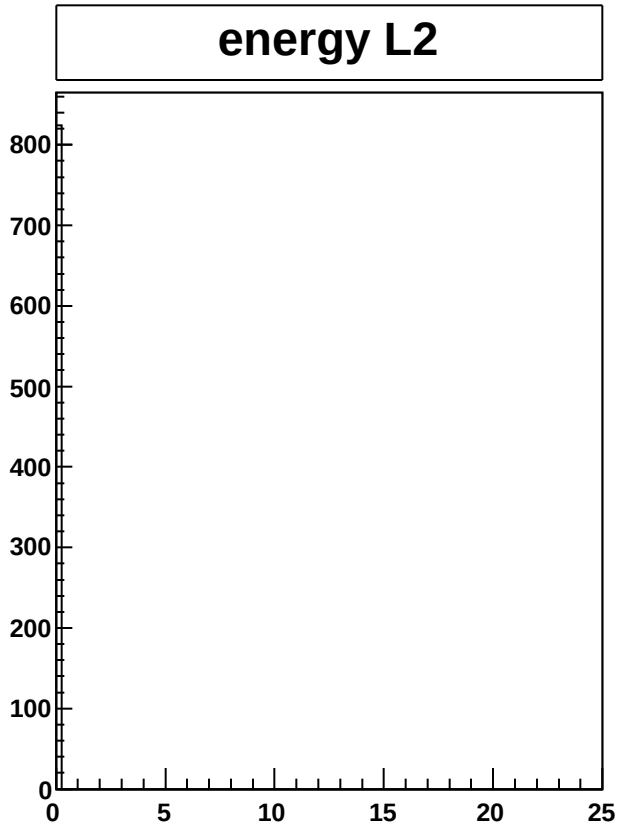


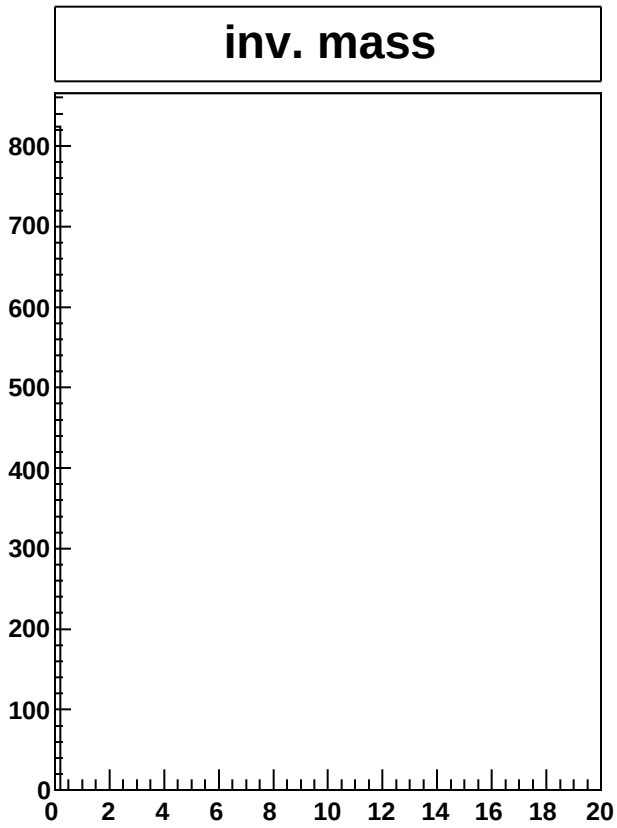


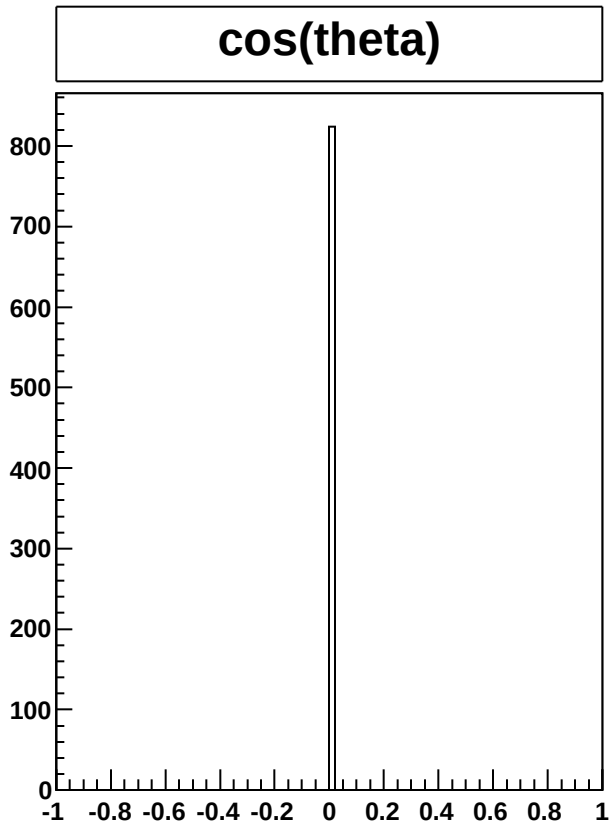


L2 upsilon#Massυ#any

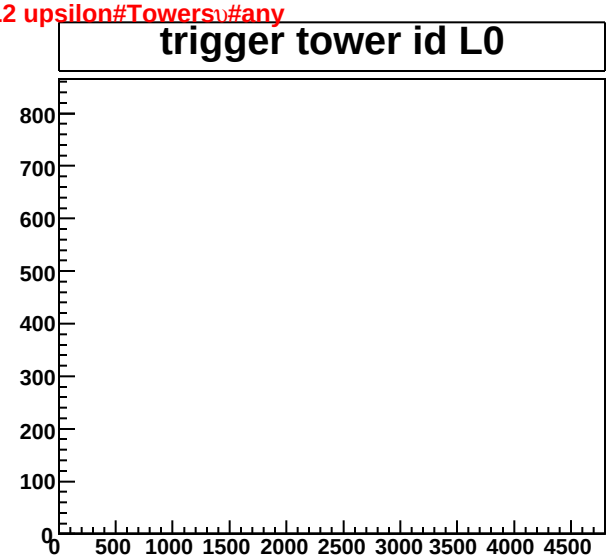


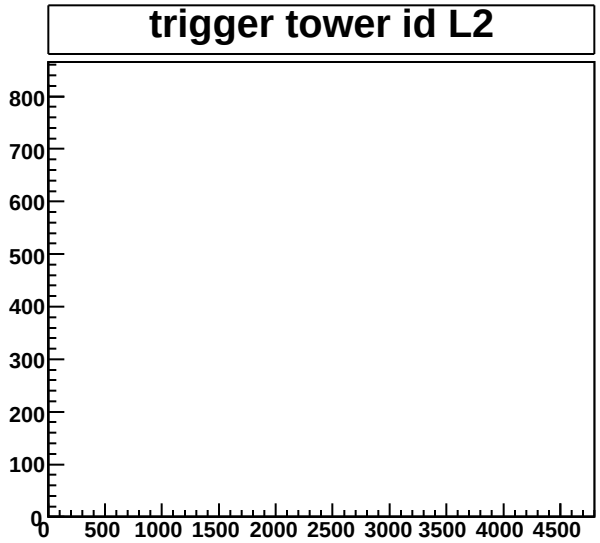


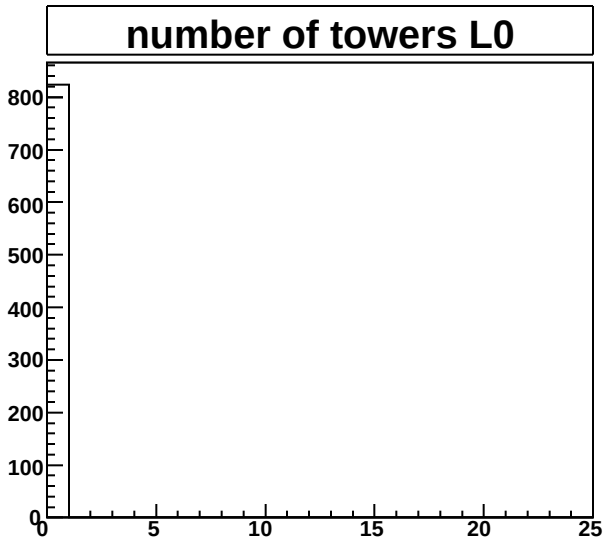


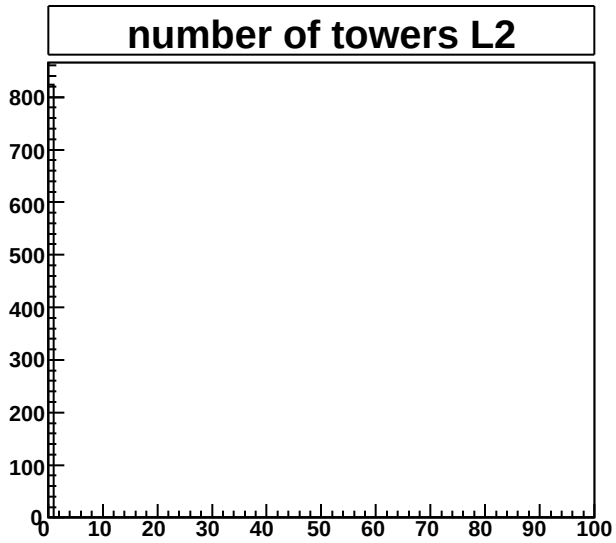


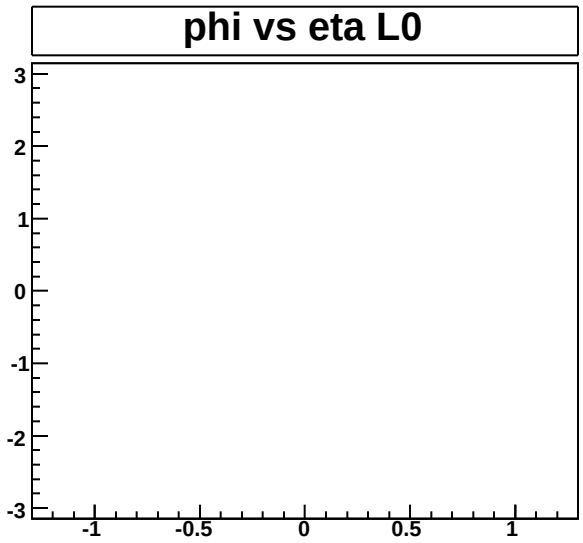
L2 upsilon#Towersυ#any

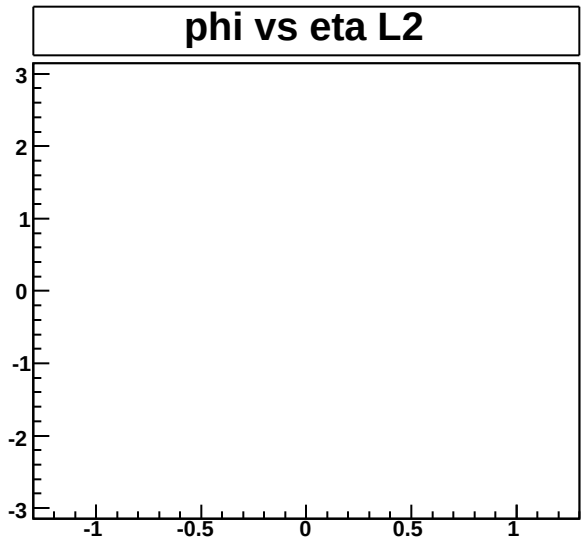












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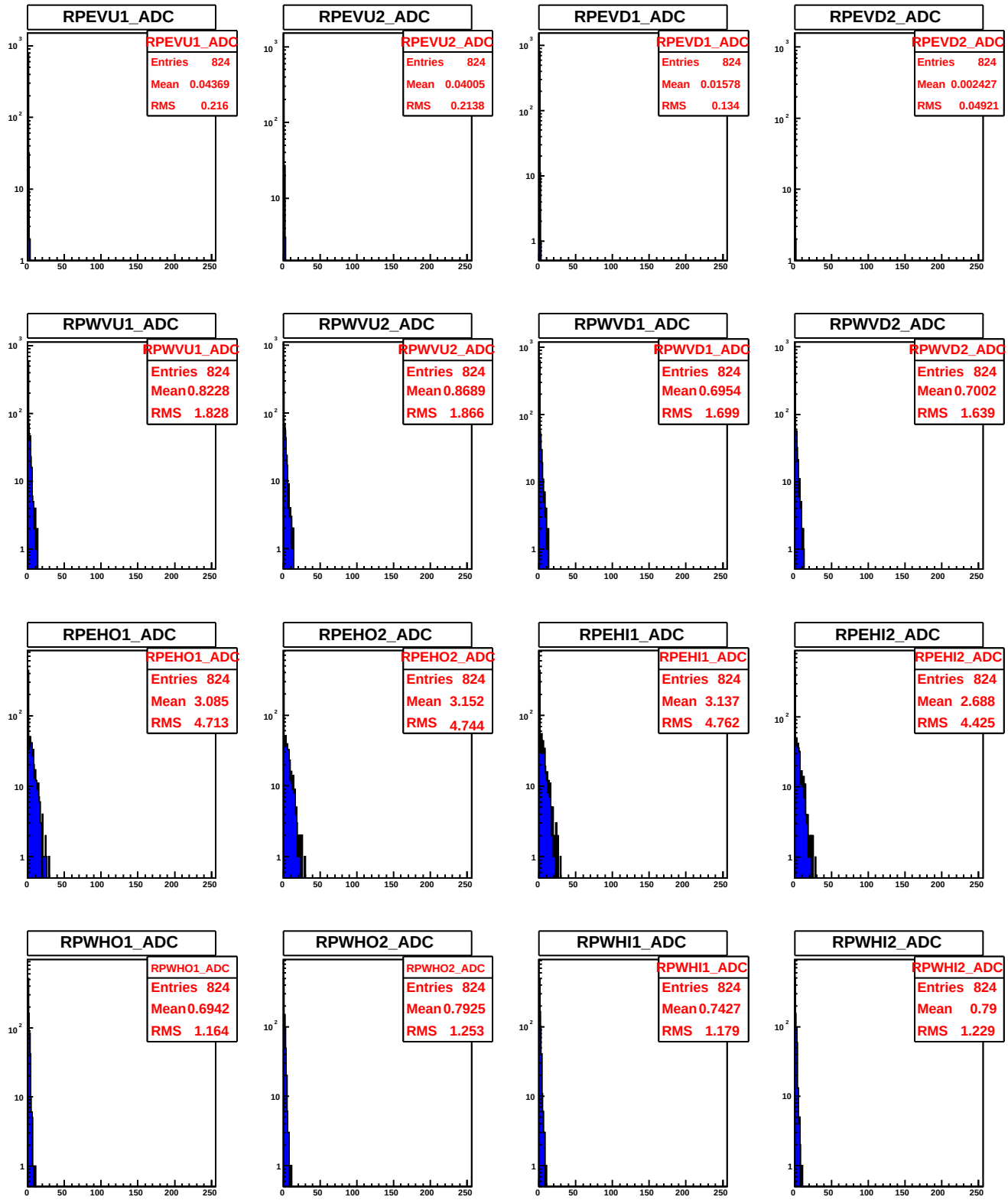
Run: #12058062



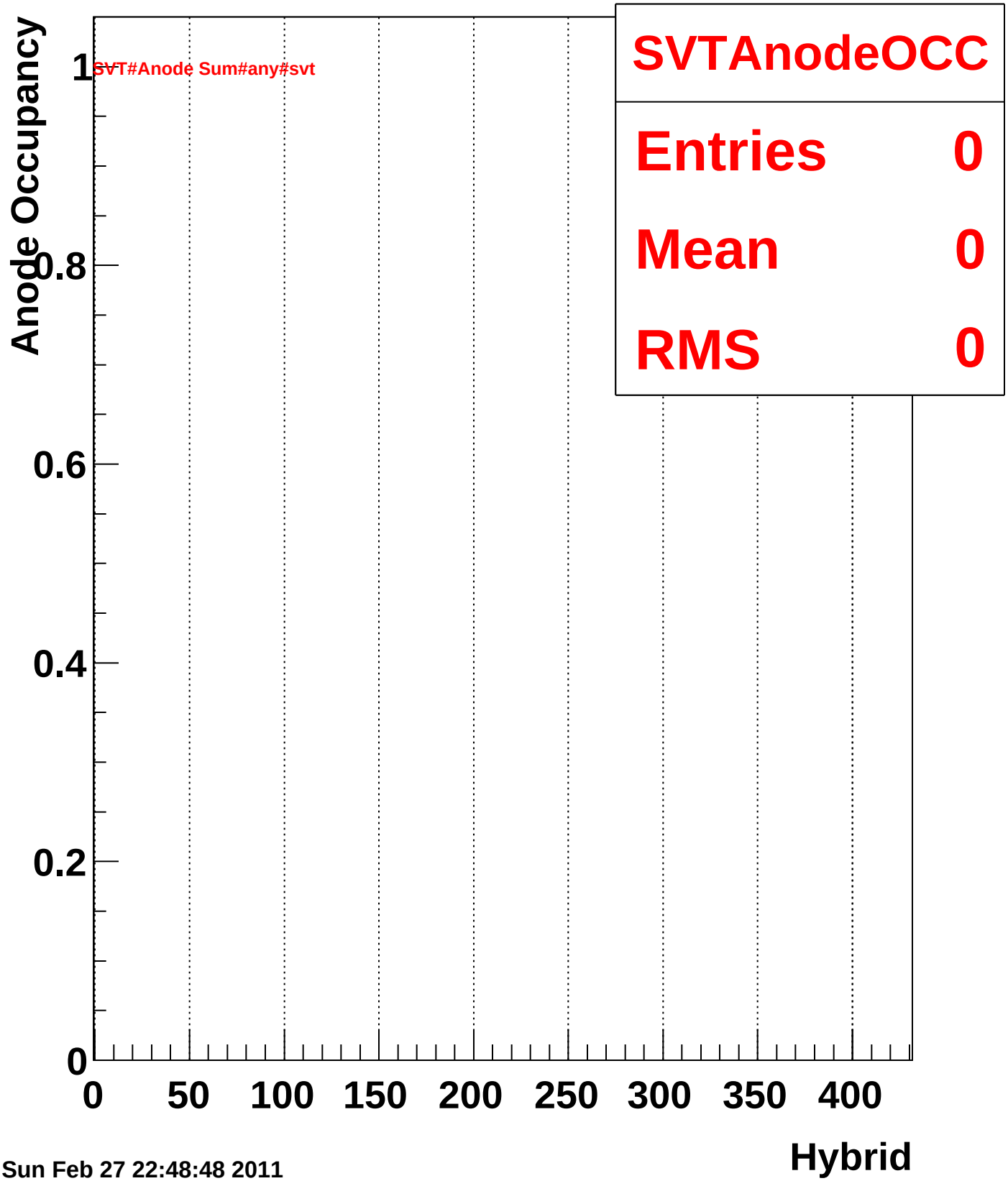
Sun Feb 27 22:48:48 2011

P2P#Trg17-32#any#trg

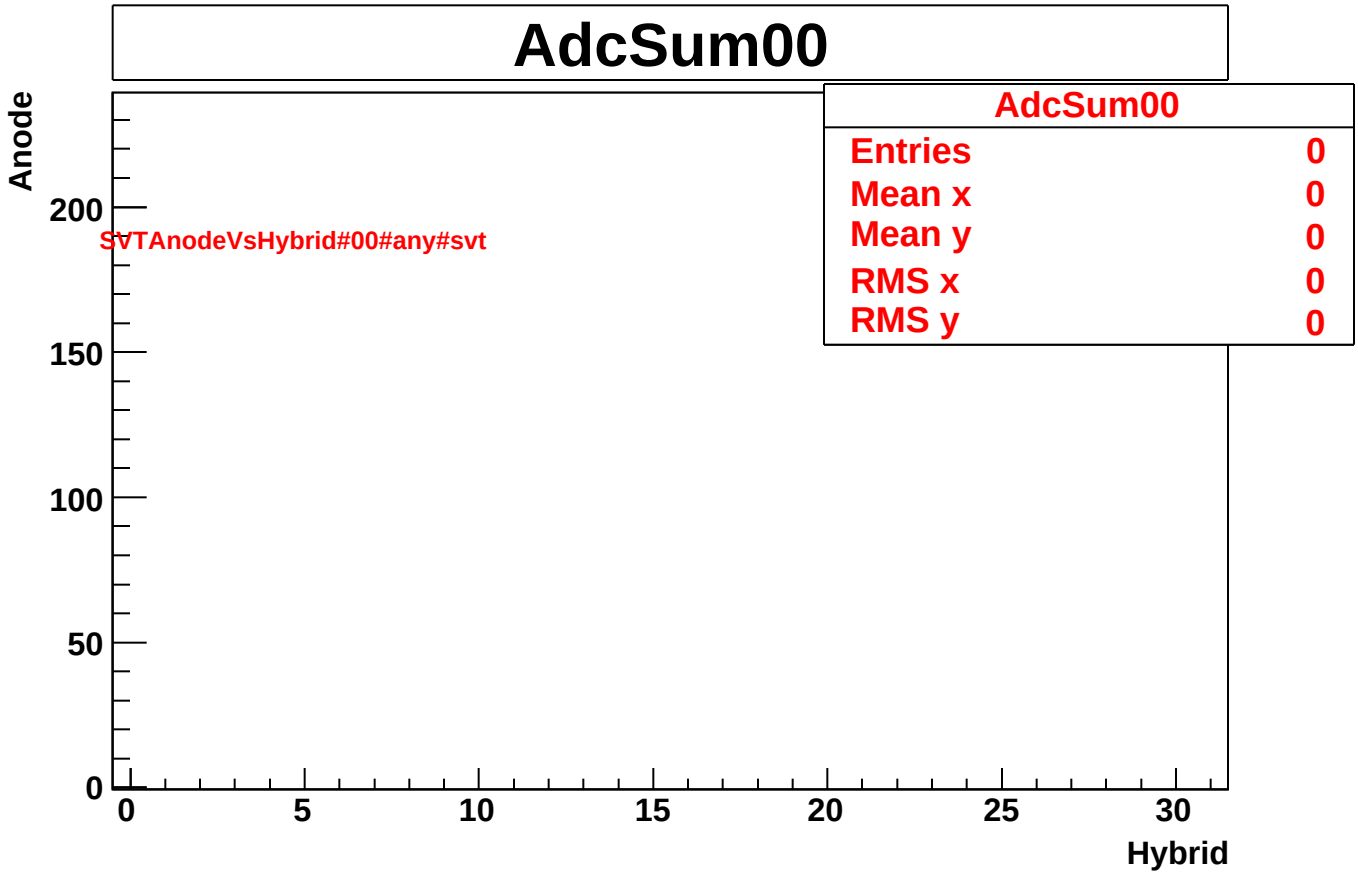
Run: #12058062

Sun Feb 27 22:48:48 2011

SVTAnodeOCC



Sun Feb 27 22:48:48 2011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Anode
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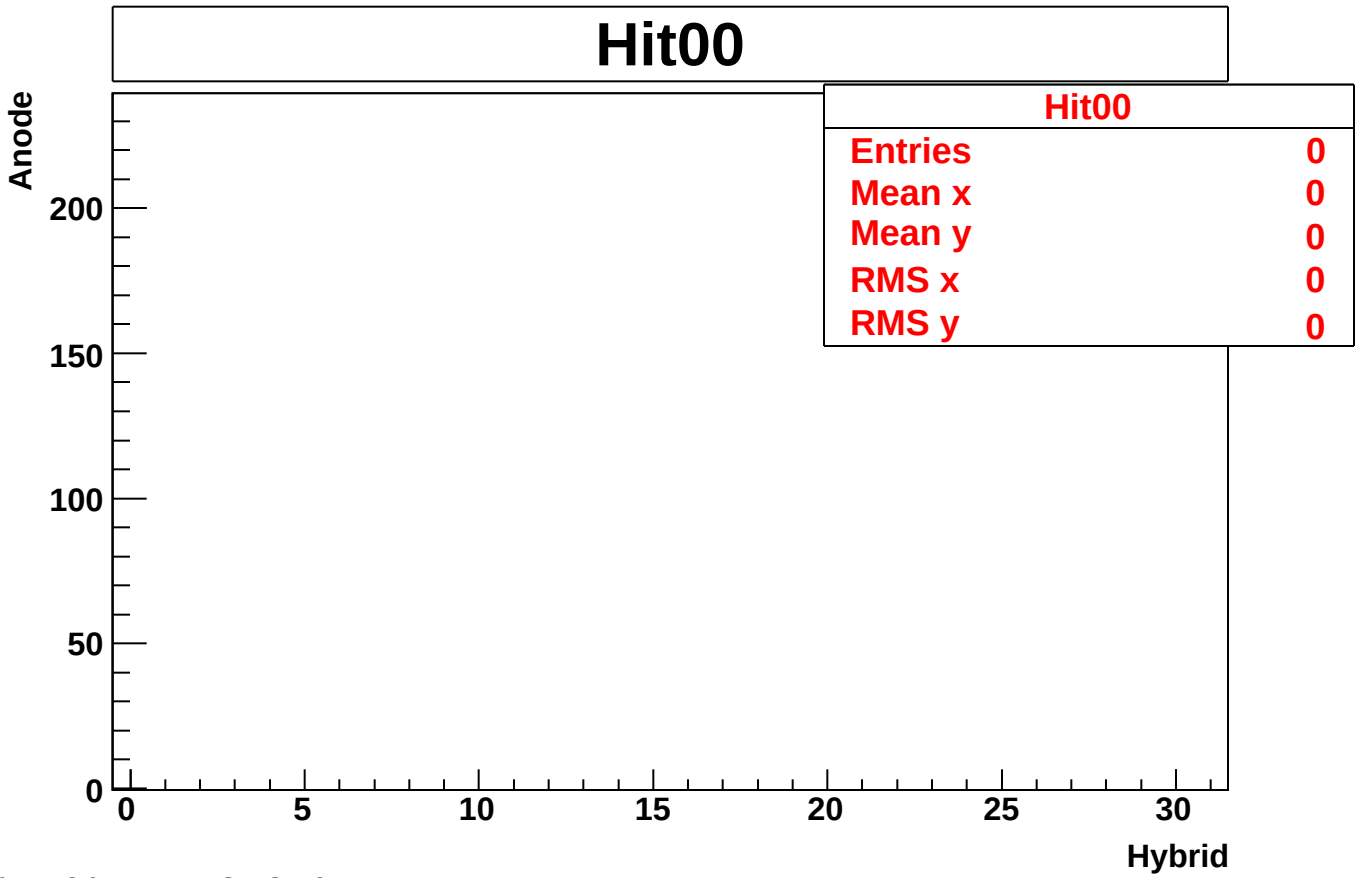
20
25
30
Hybrid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Hit00
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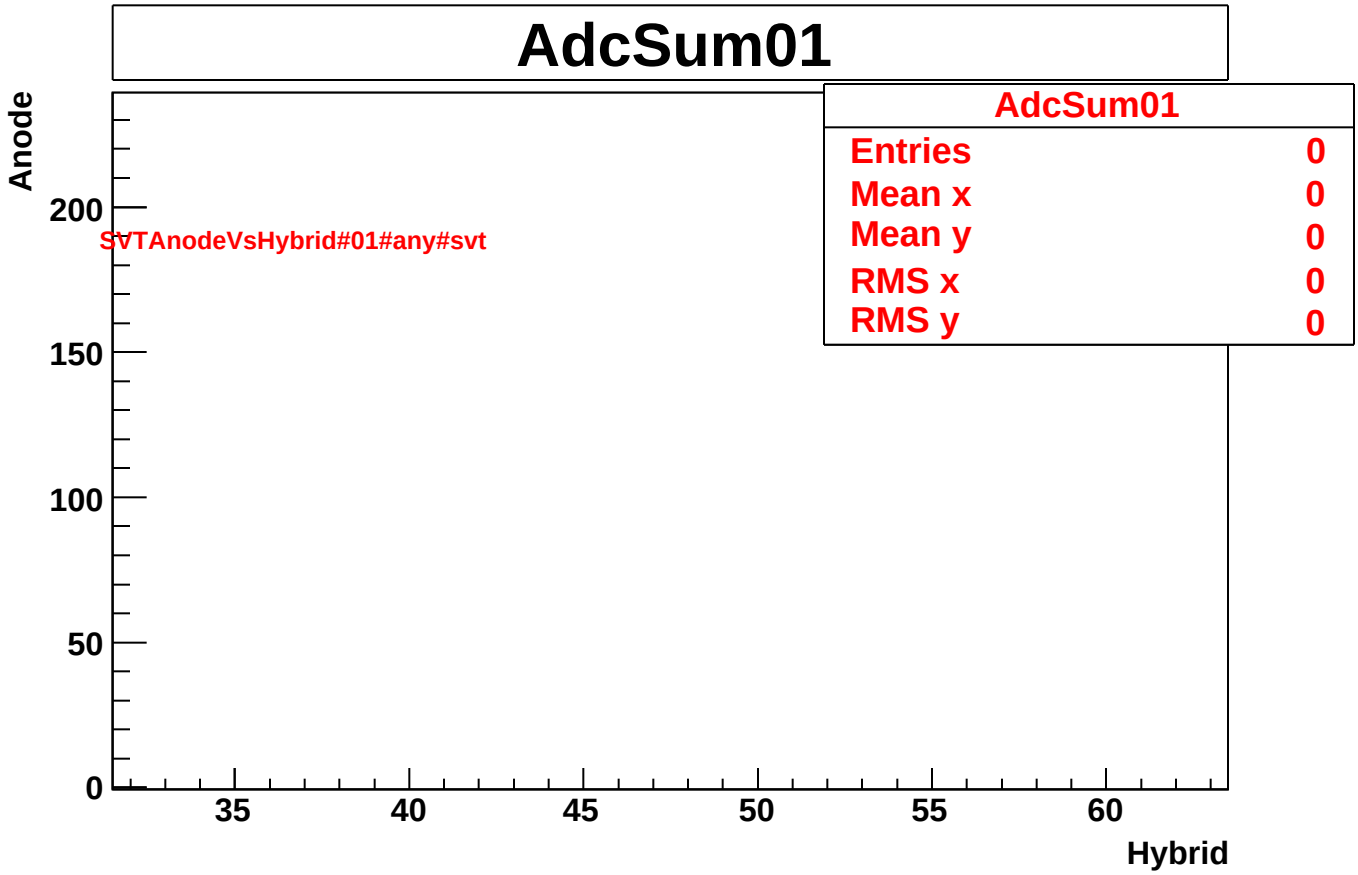
Hybrid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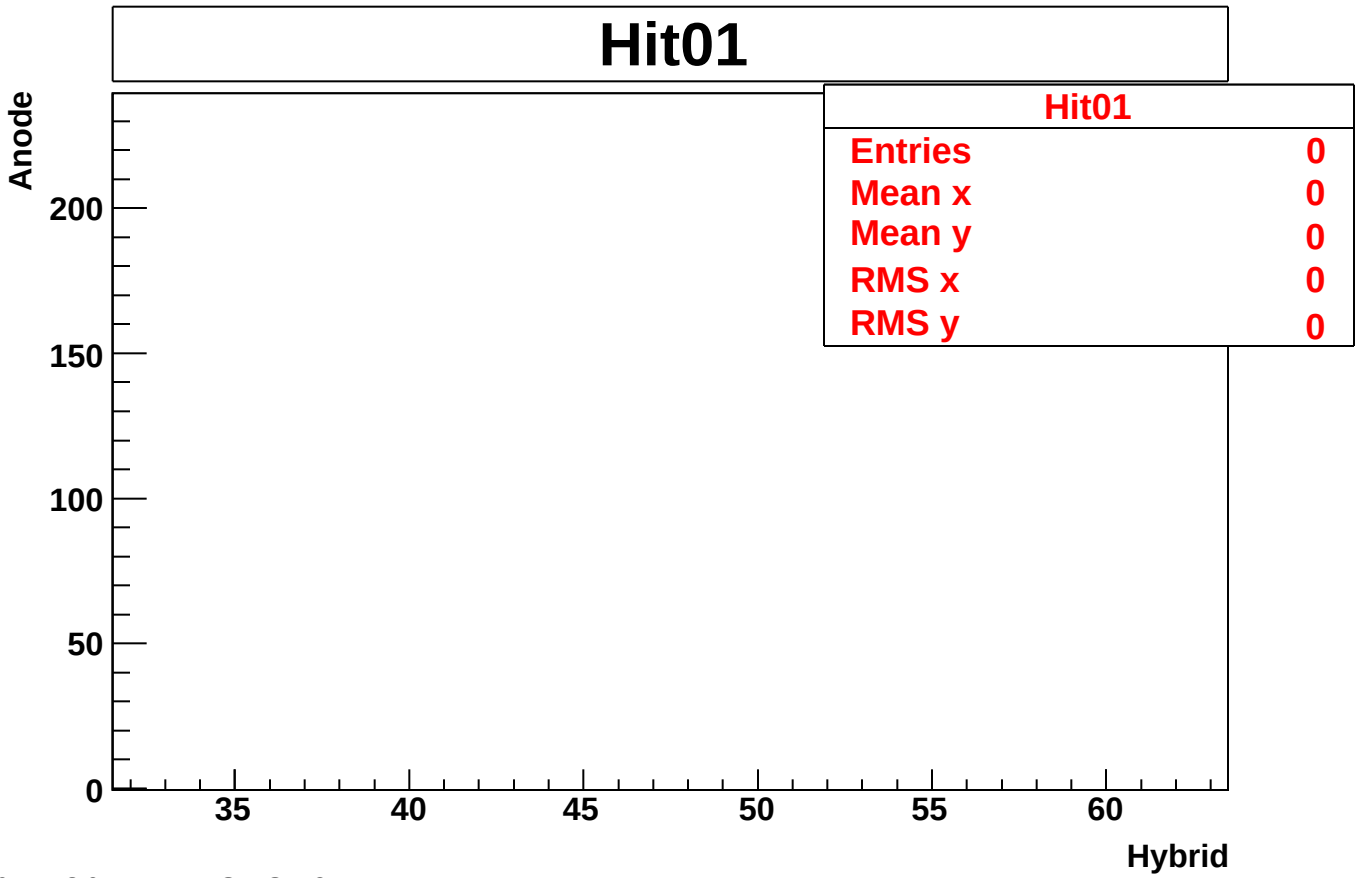
Hybrid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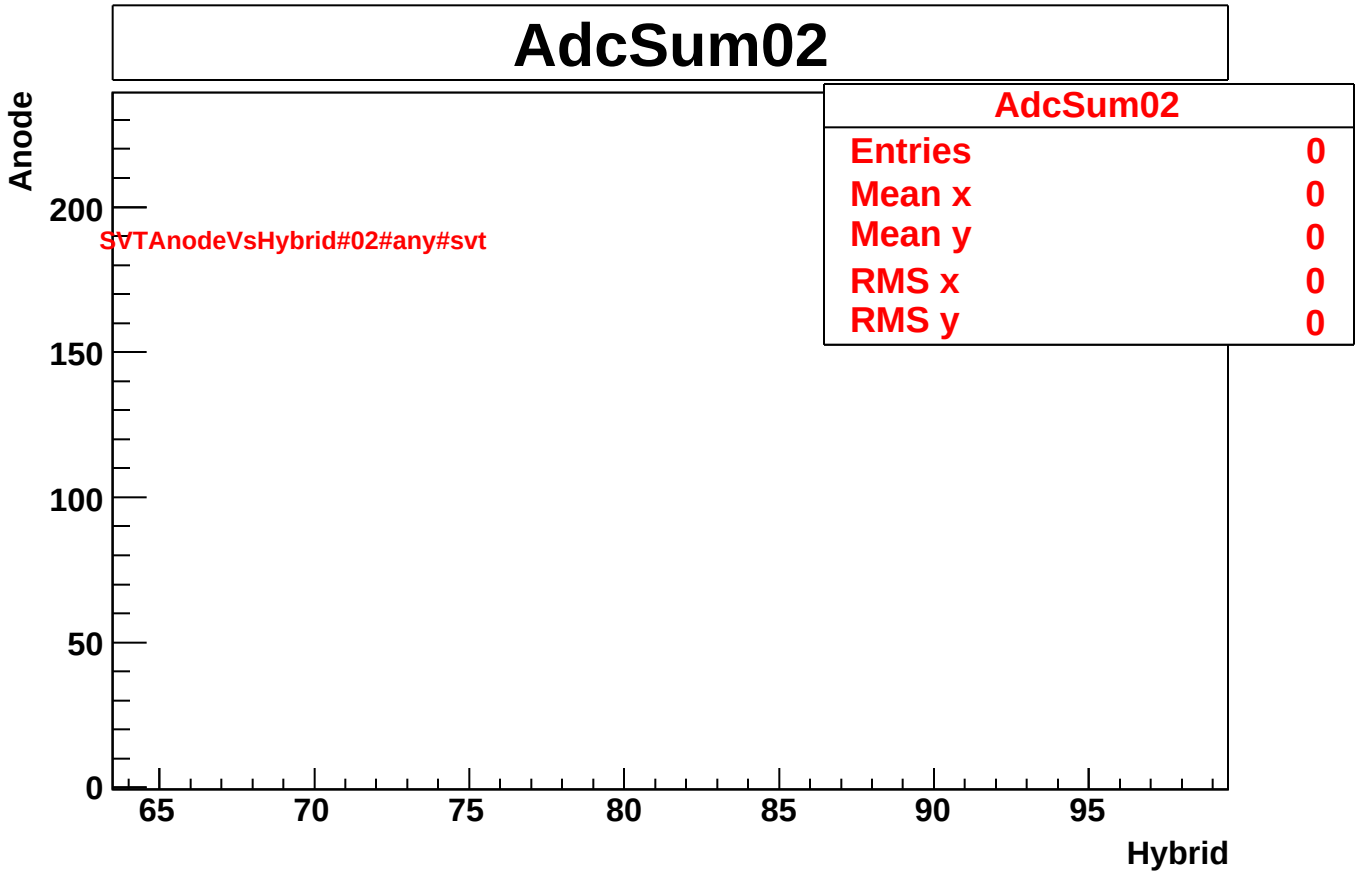
60
Hybrid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100
150
200
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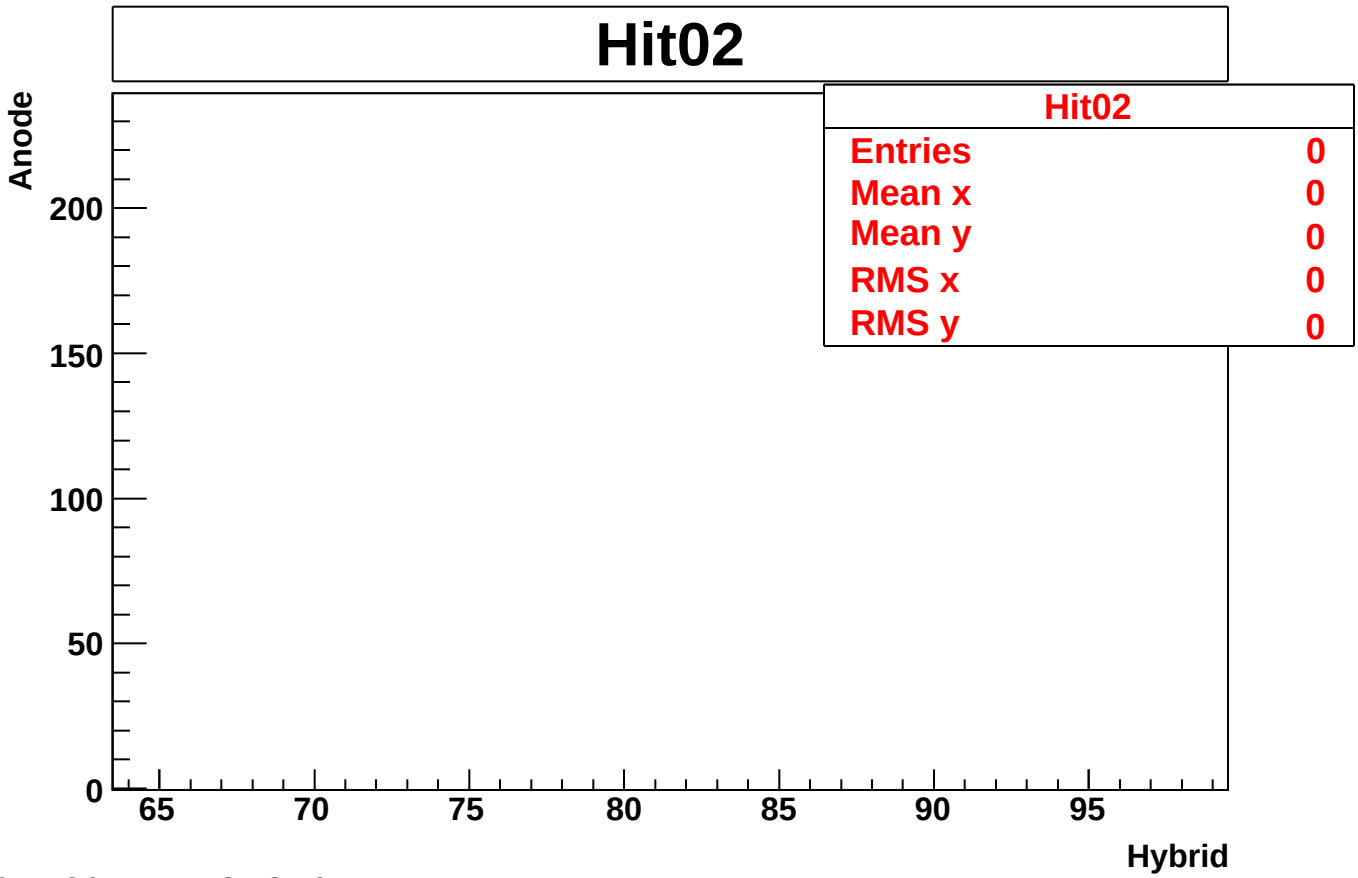
70
75
80
85
90
95
Hybrid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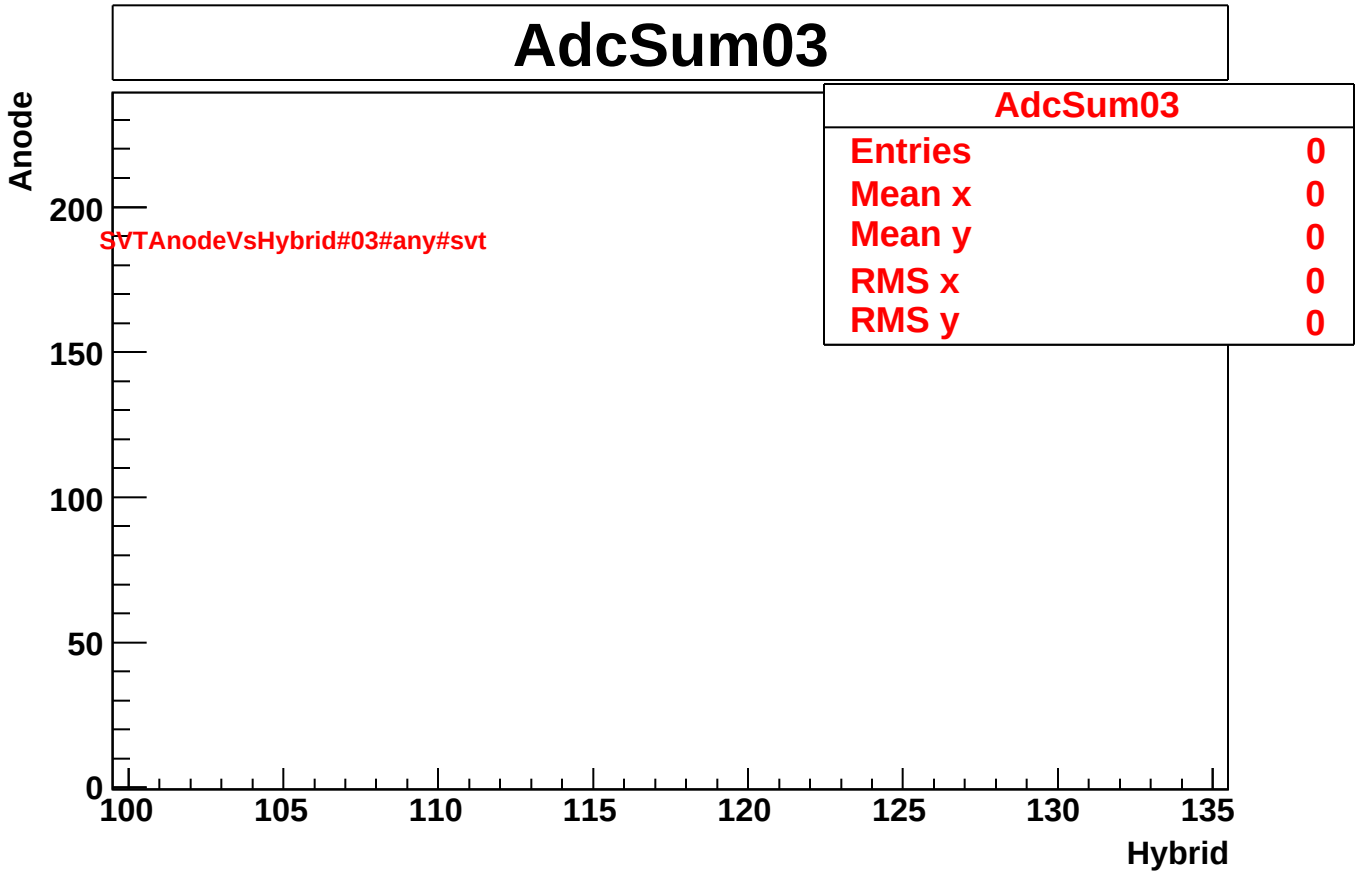
90
95
Hybrid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105
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125
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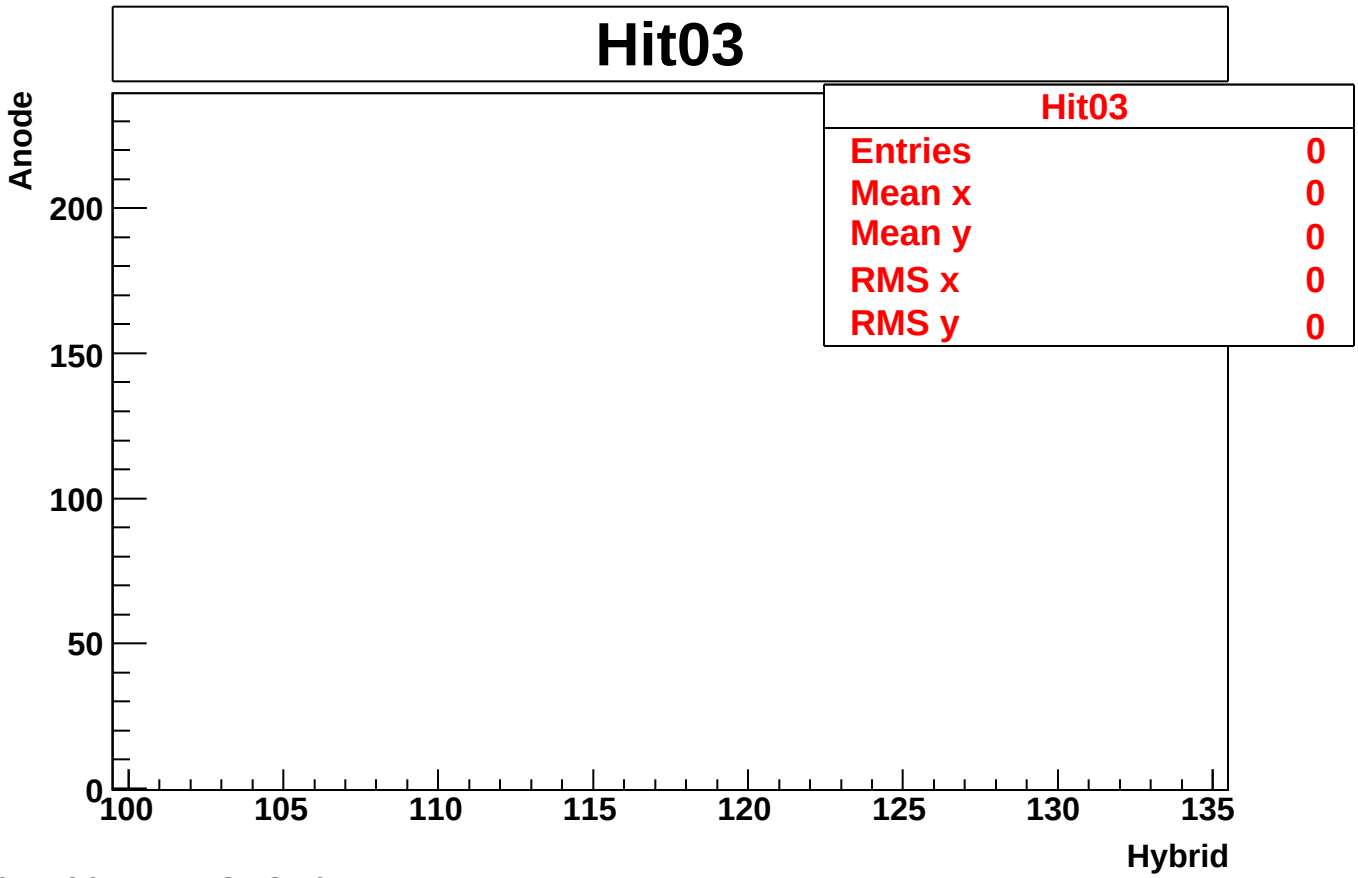
Hybrid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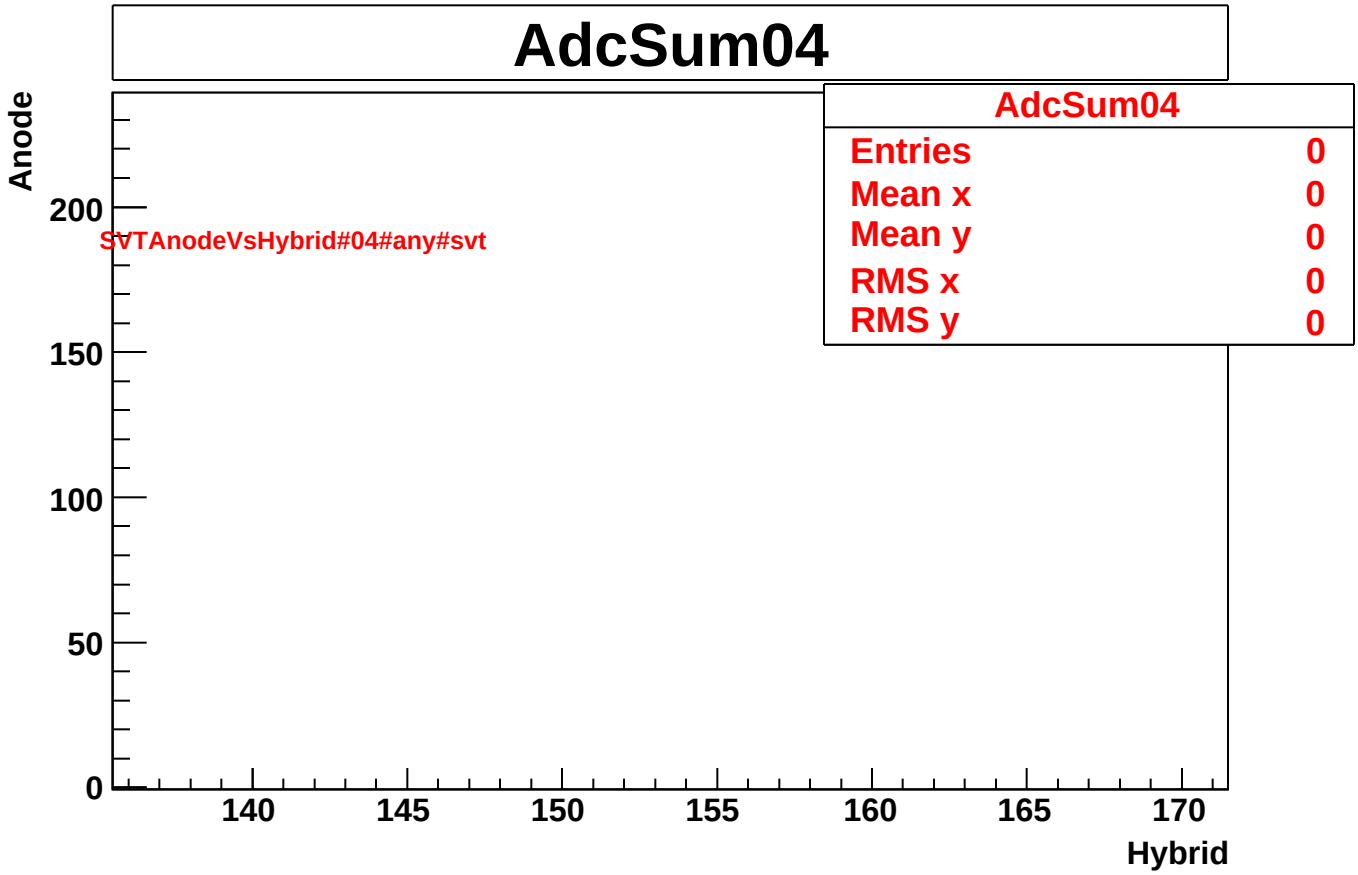
Hybrid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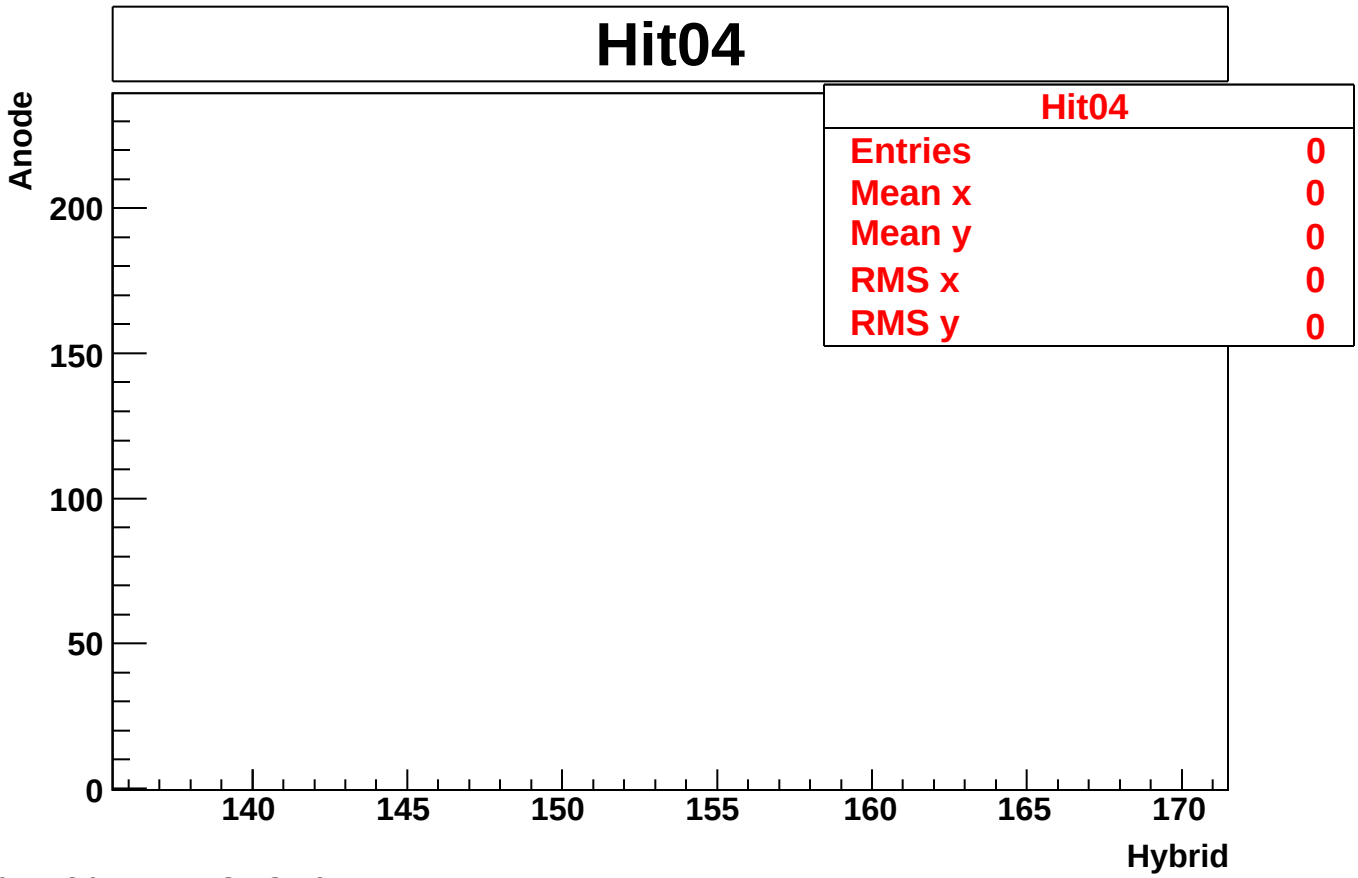
160
165
170
Hybrid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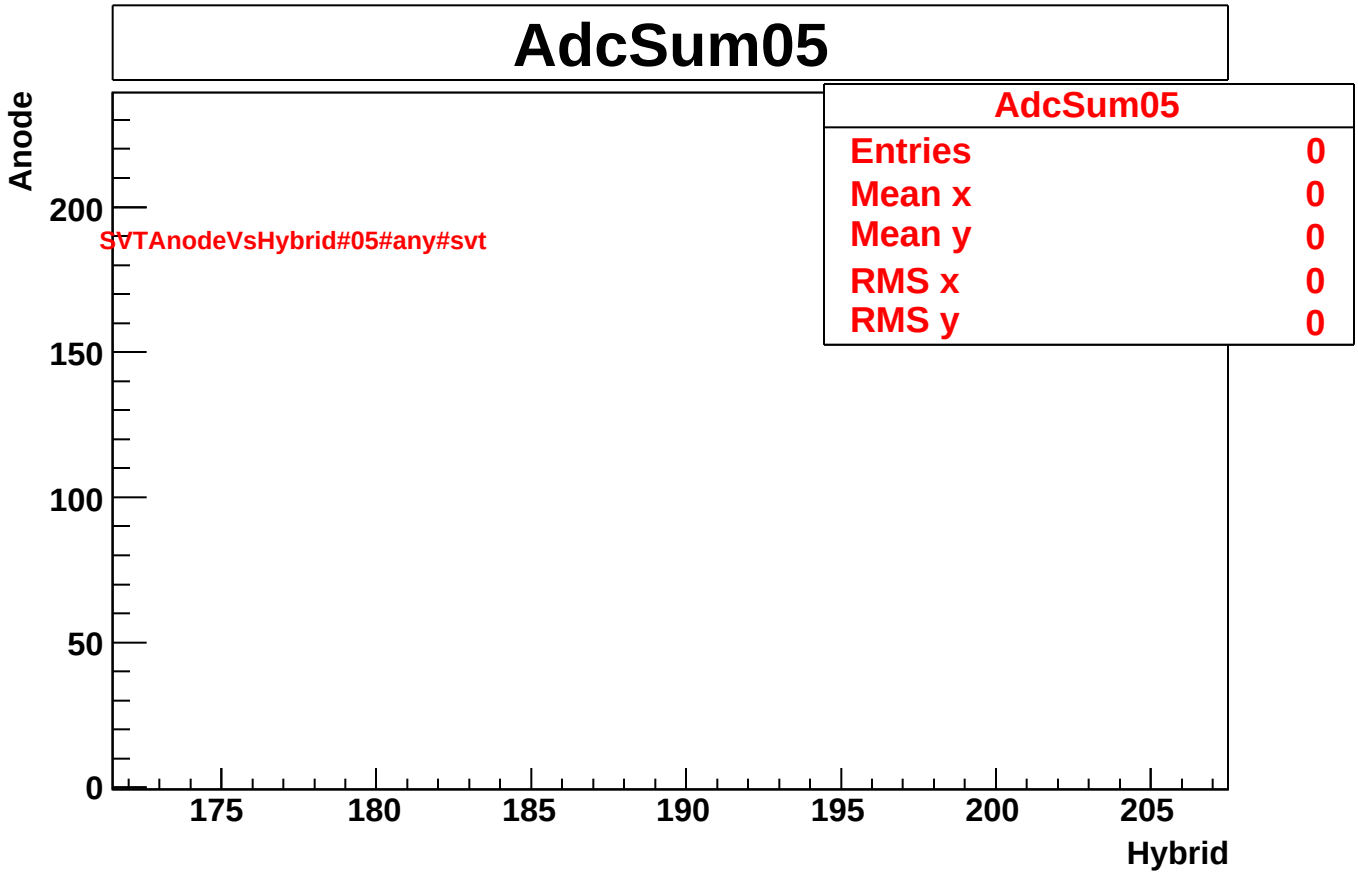
170
Hybrid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195
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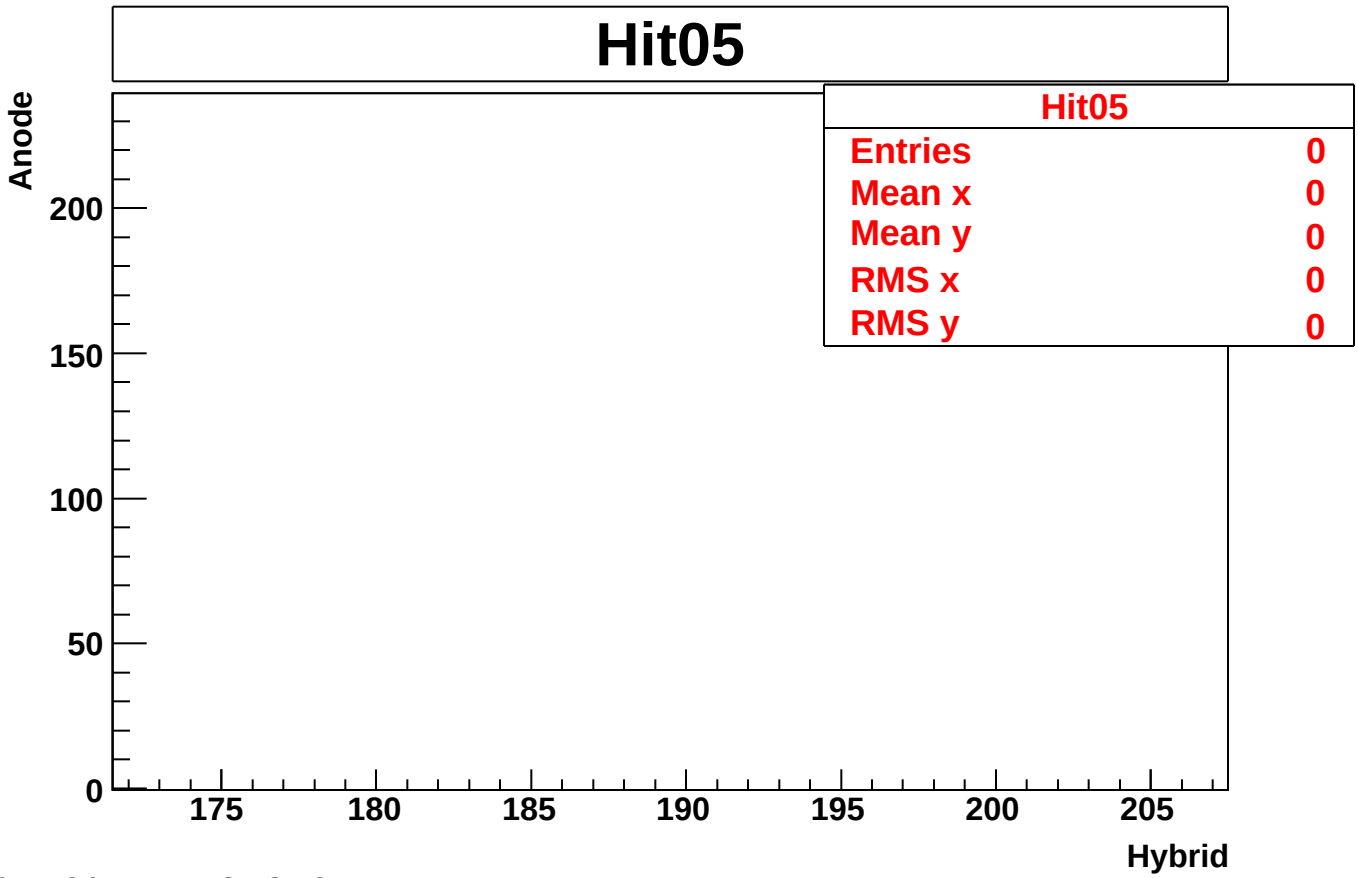
205
Hybrid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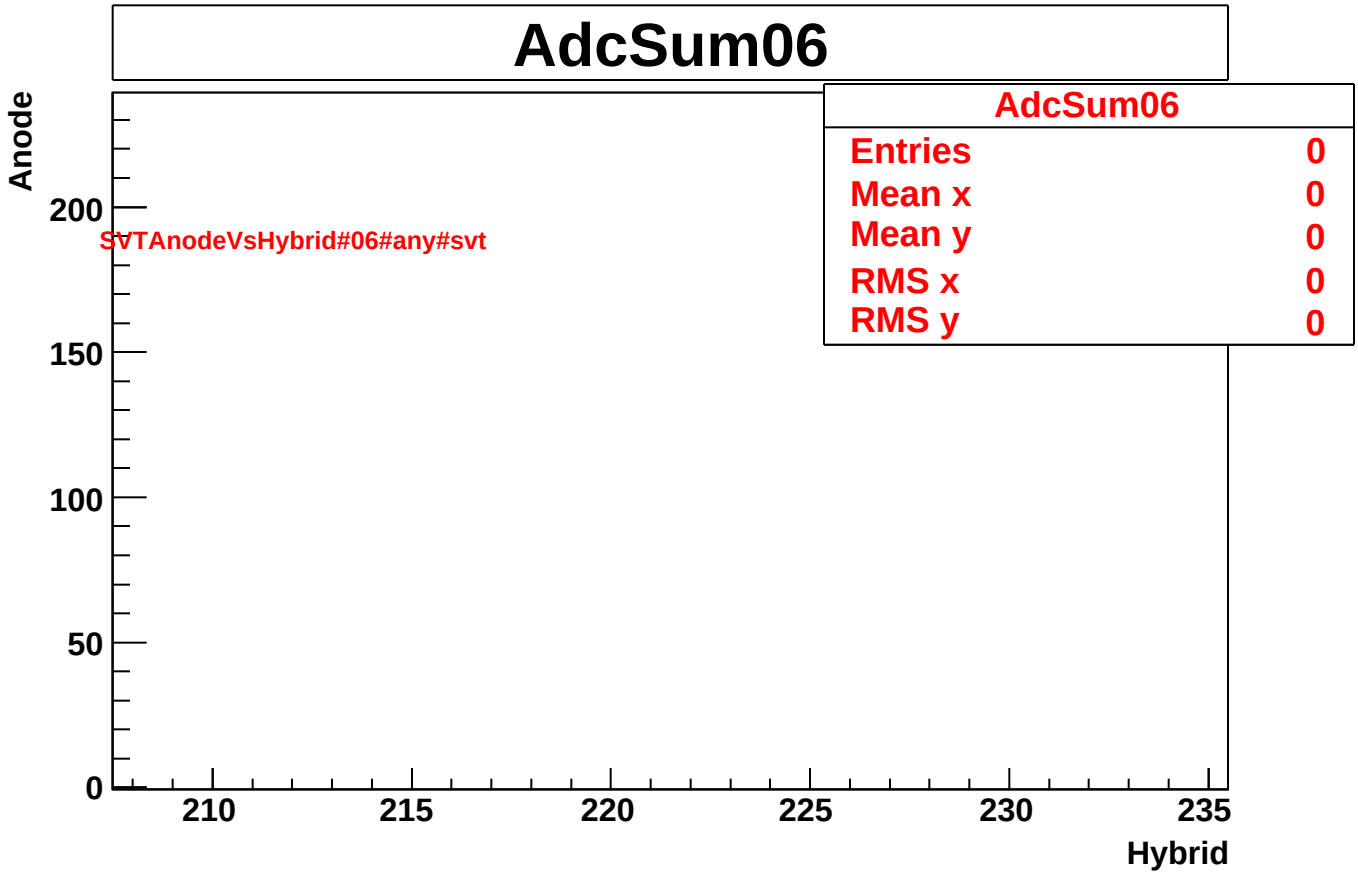
Hybrid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200
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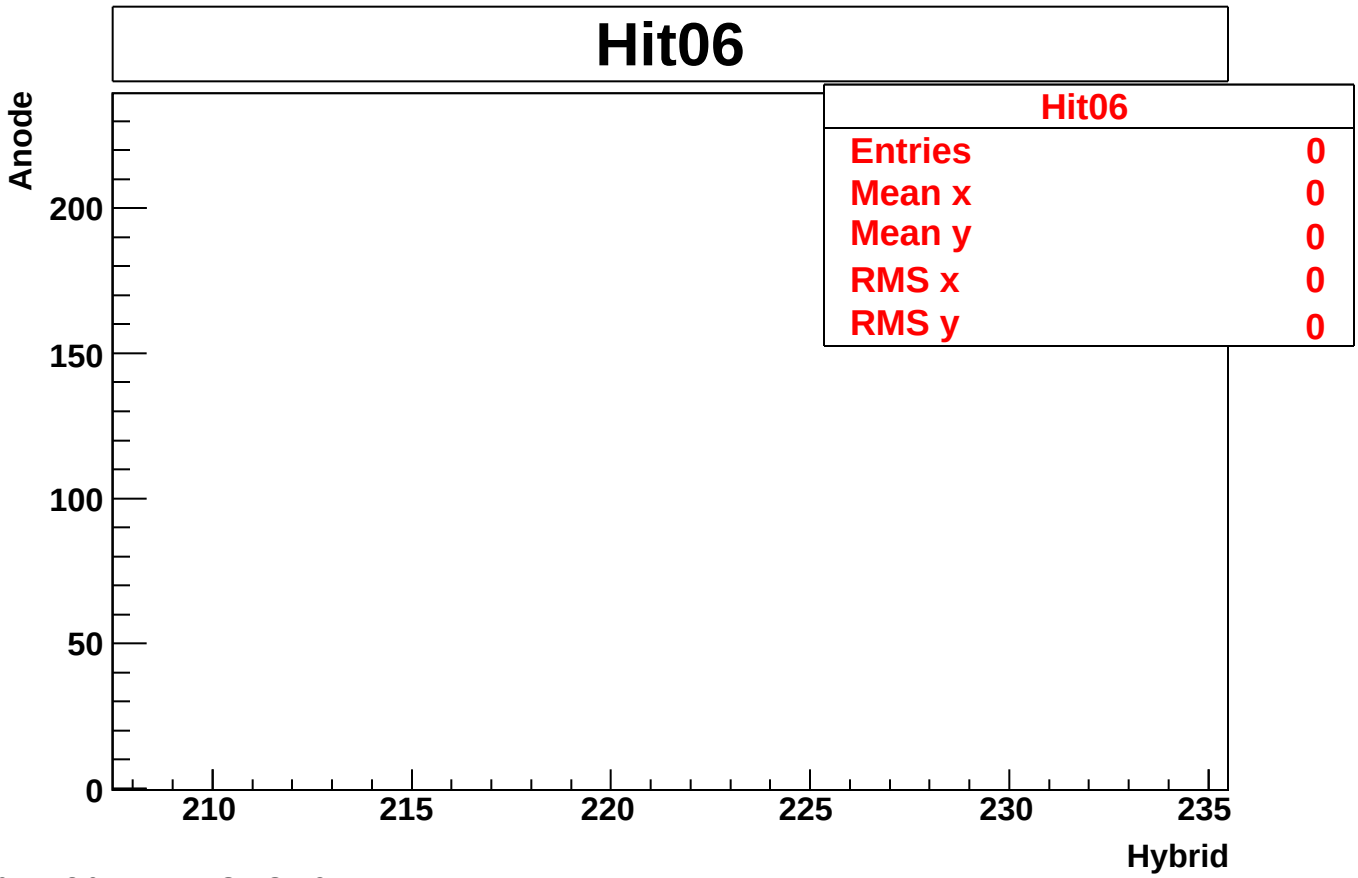
215
220
225
230
235
Hybrid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100
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225
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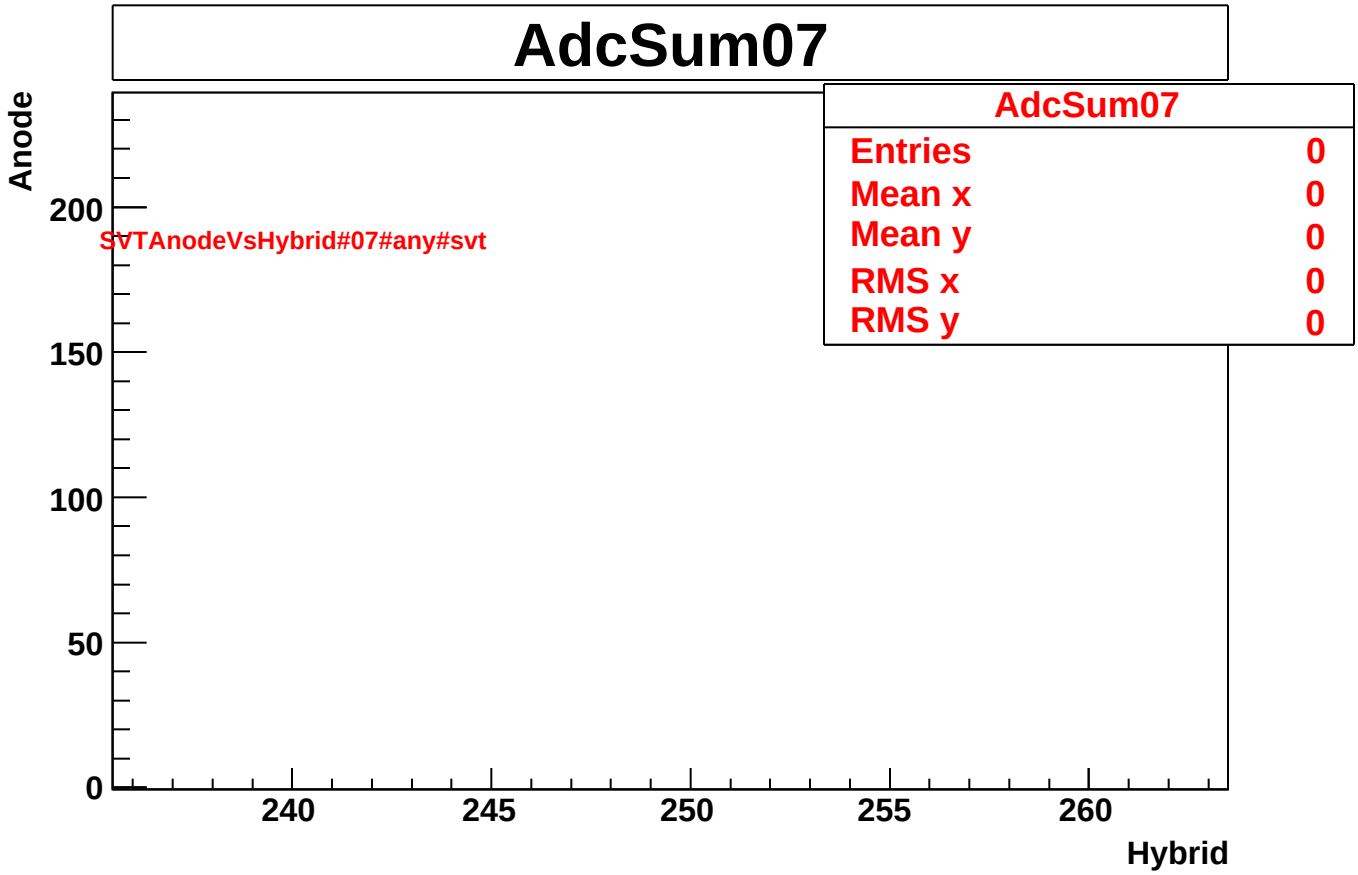
235
Hybrid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AdcSum07
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RMS x 0
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Anode
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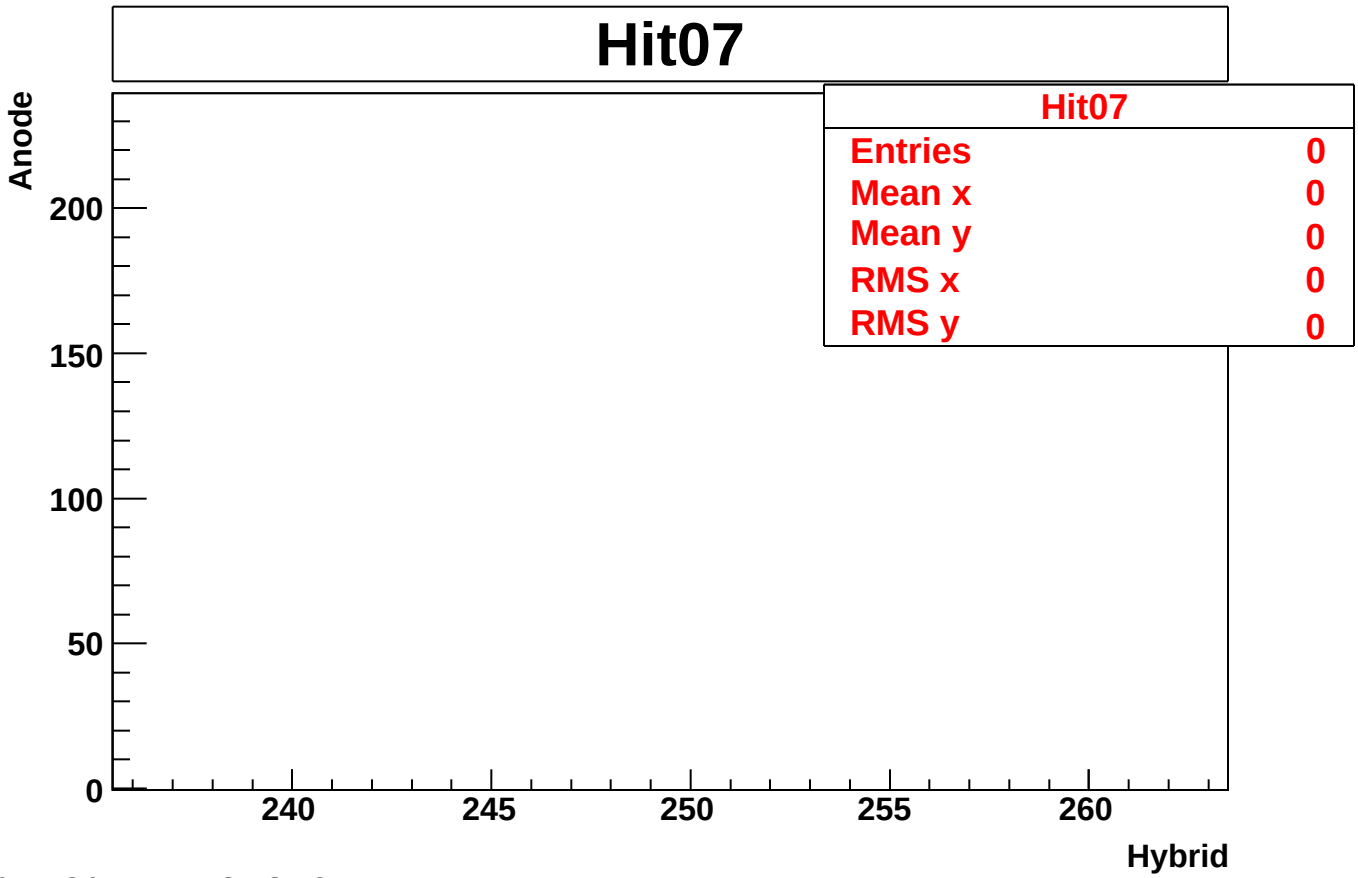
260
Hybrid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Hit07
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RMS y 0
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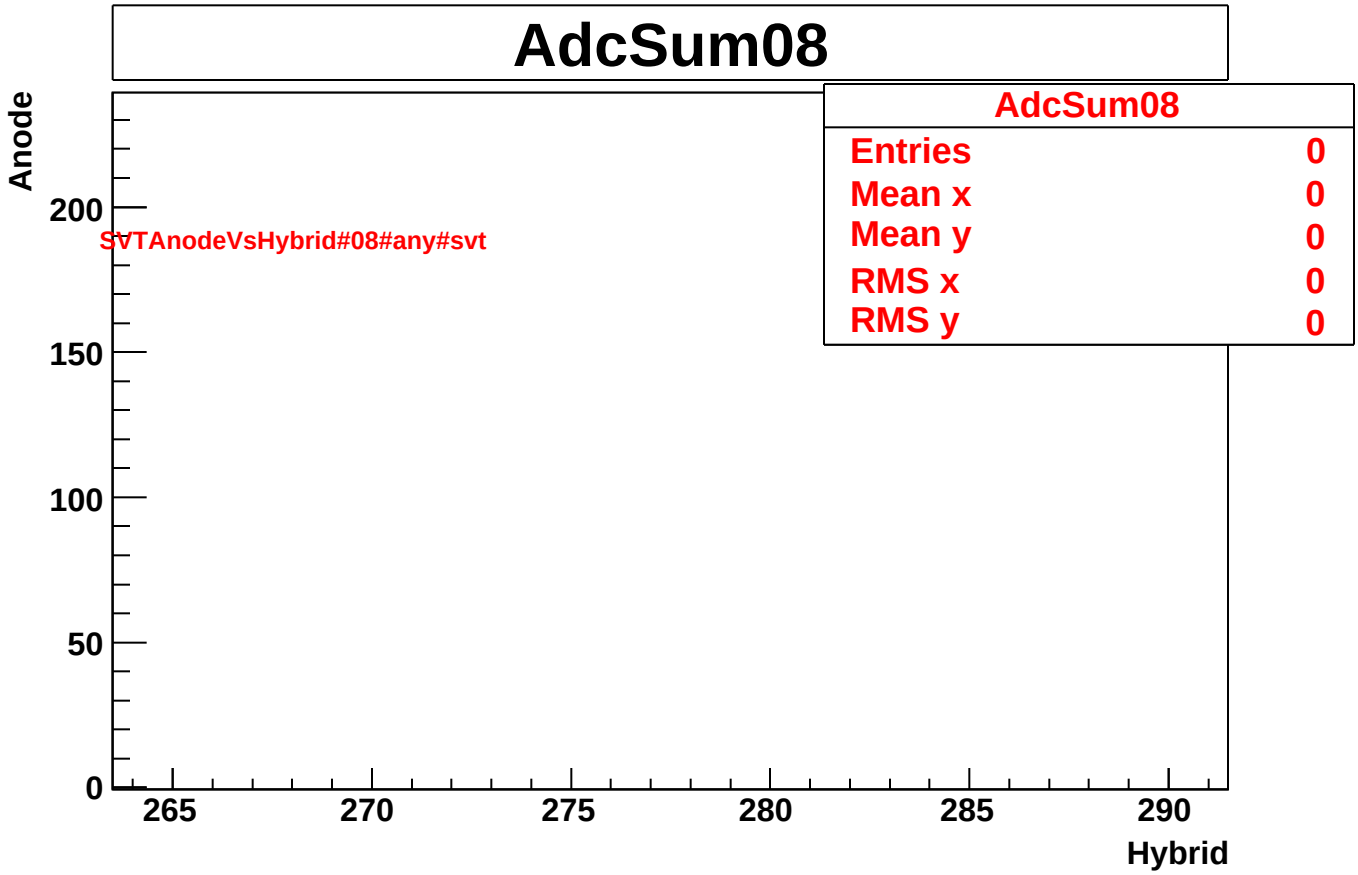
Hybrid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RMS x 0
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SVTAnodeVsHybrid#08#any#svt
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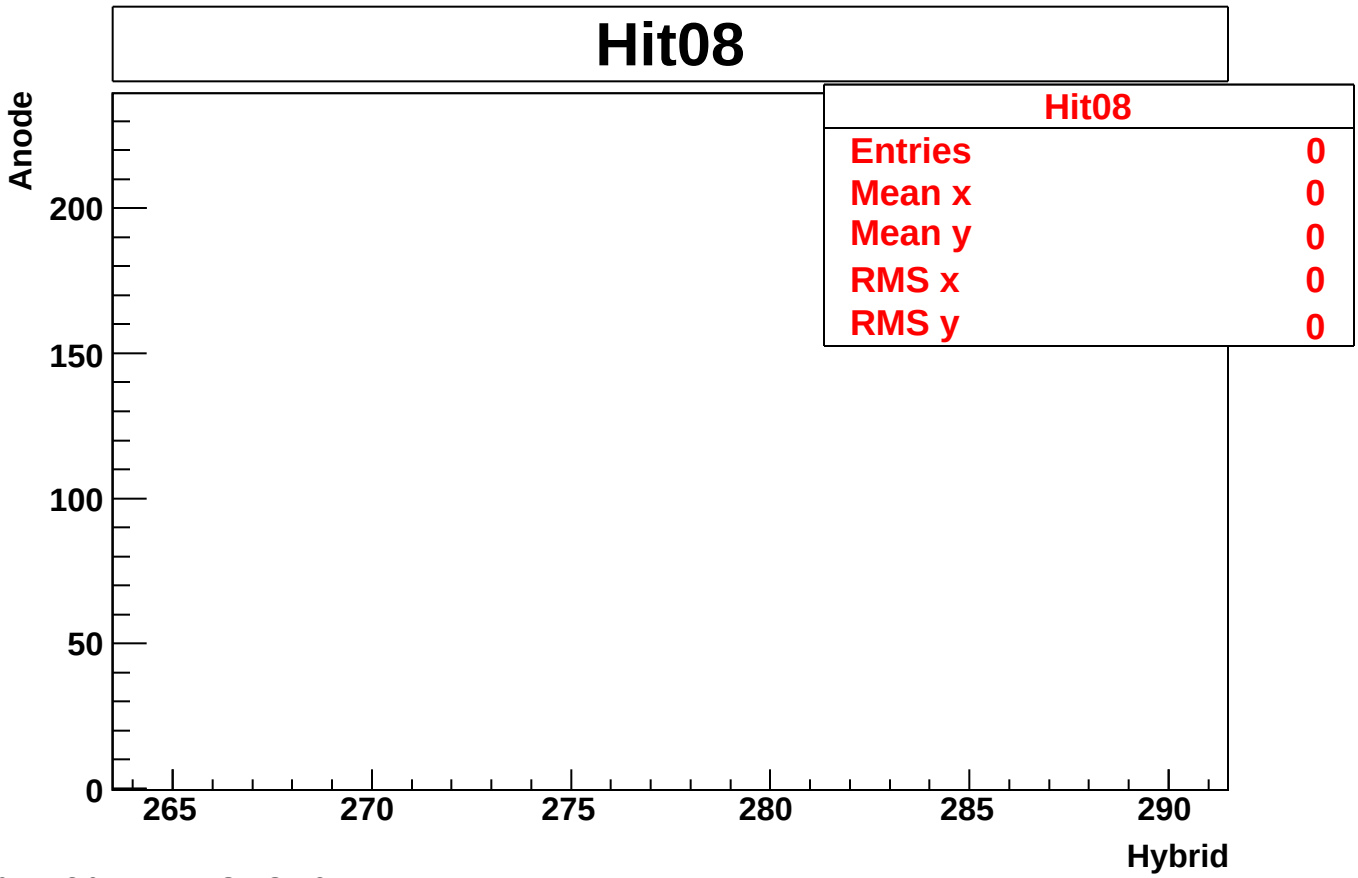
280
285
290
Hybrid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Hit08
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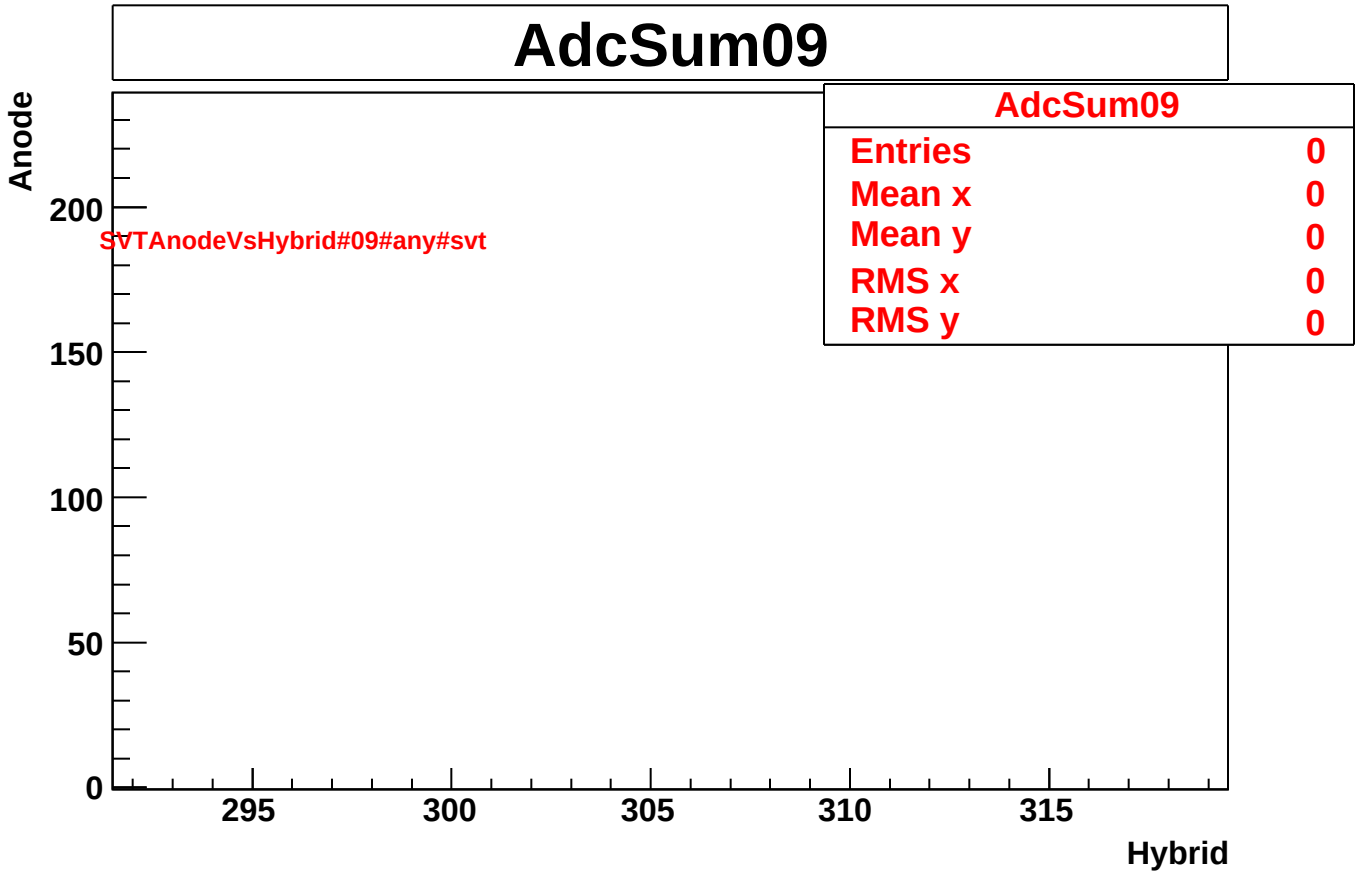
Hybrid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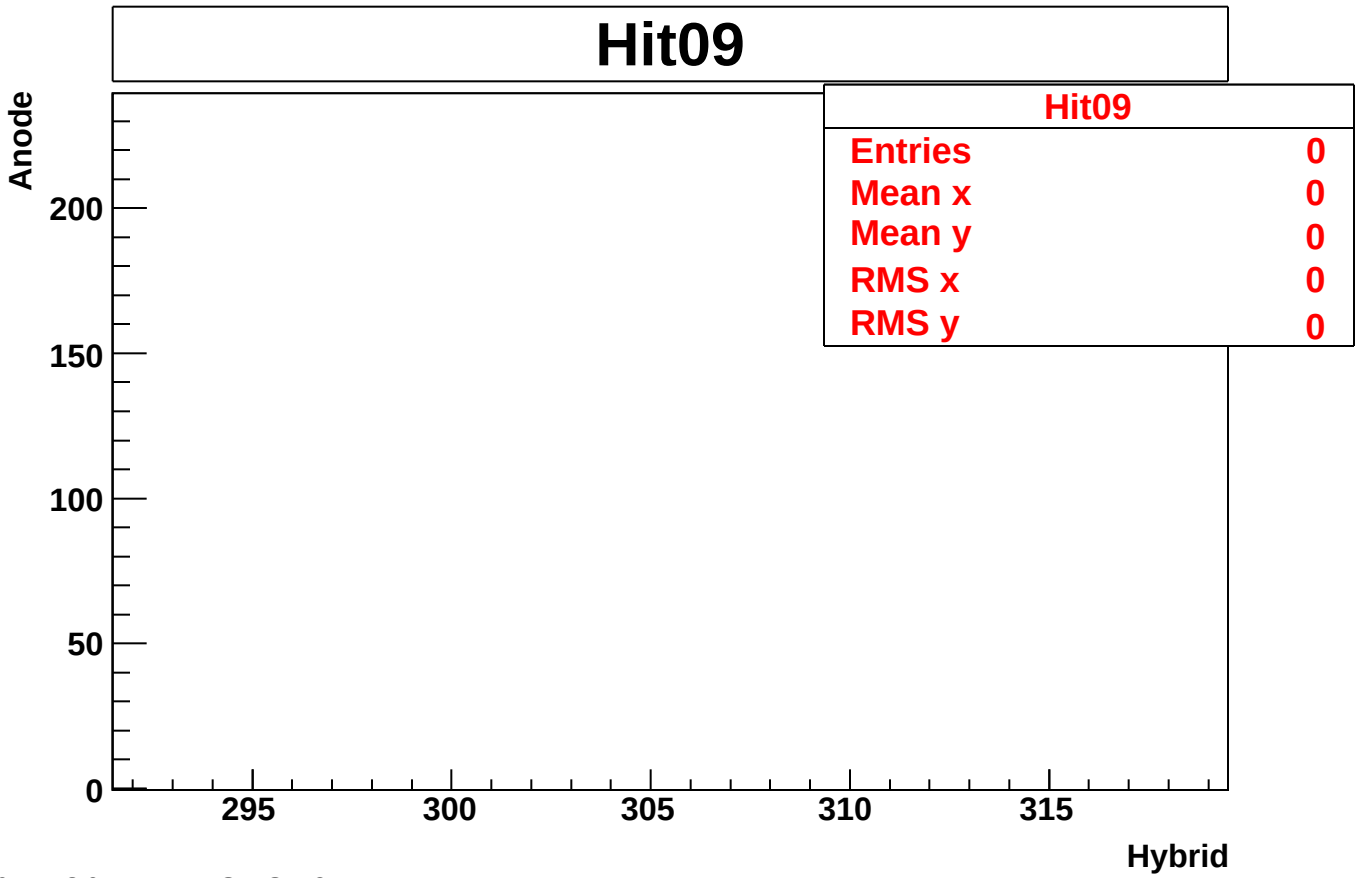
315
Hybrid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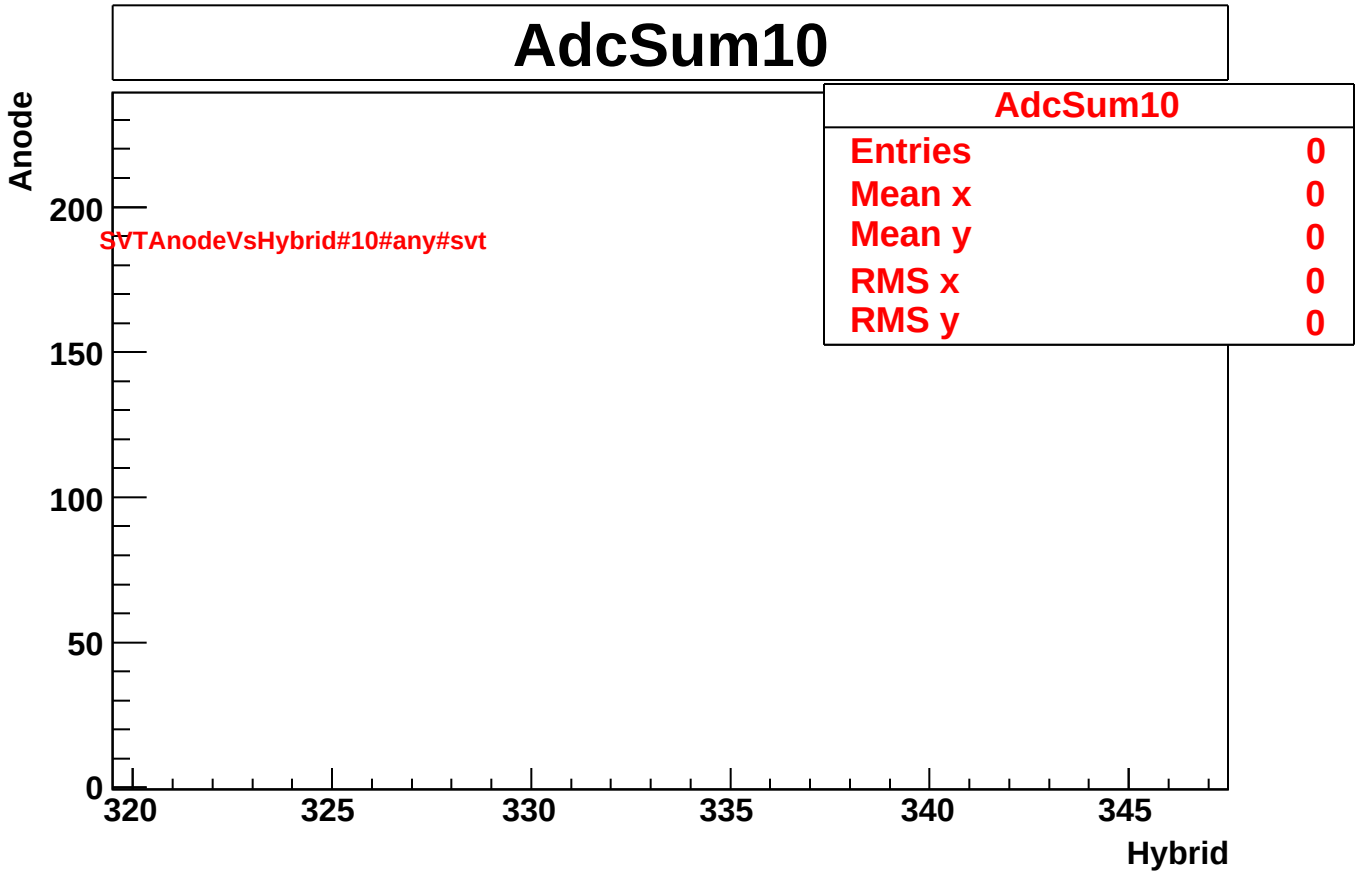
315
Hybrid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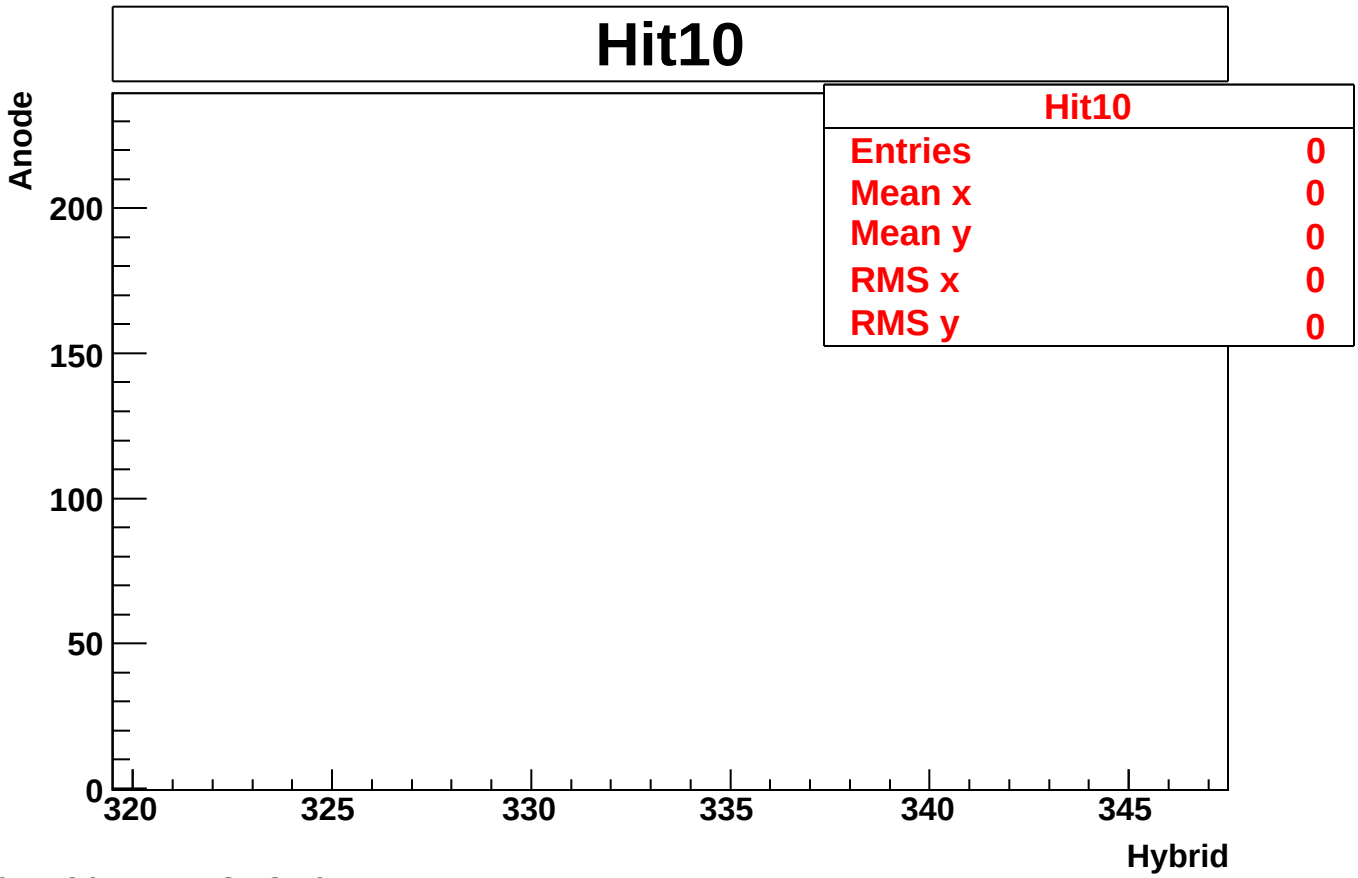
335
340
345
Hybrid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Hit10
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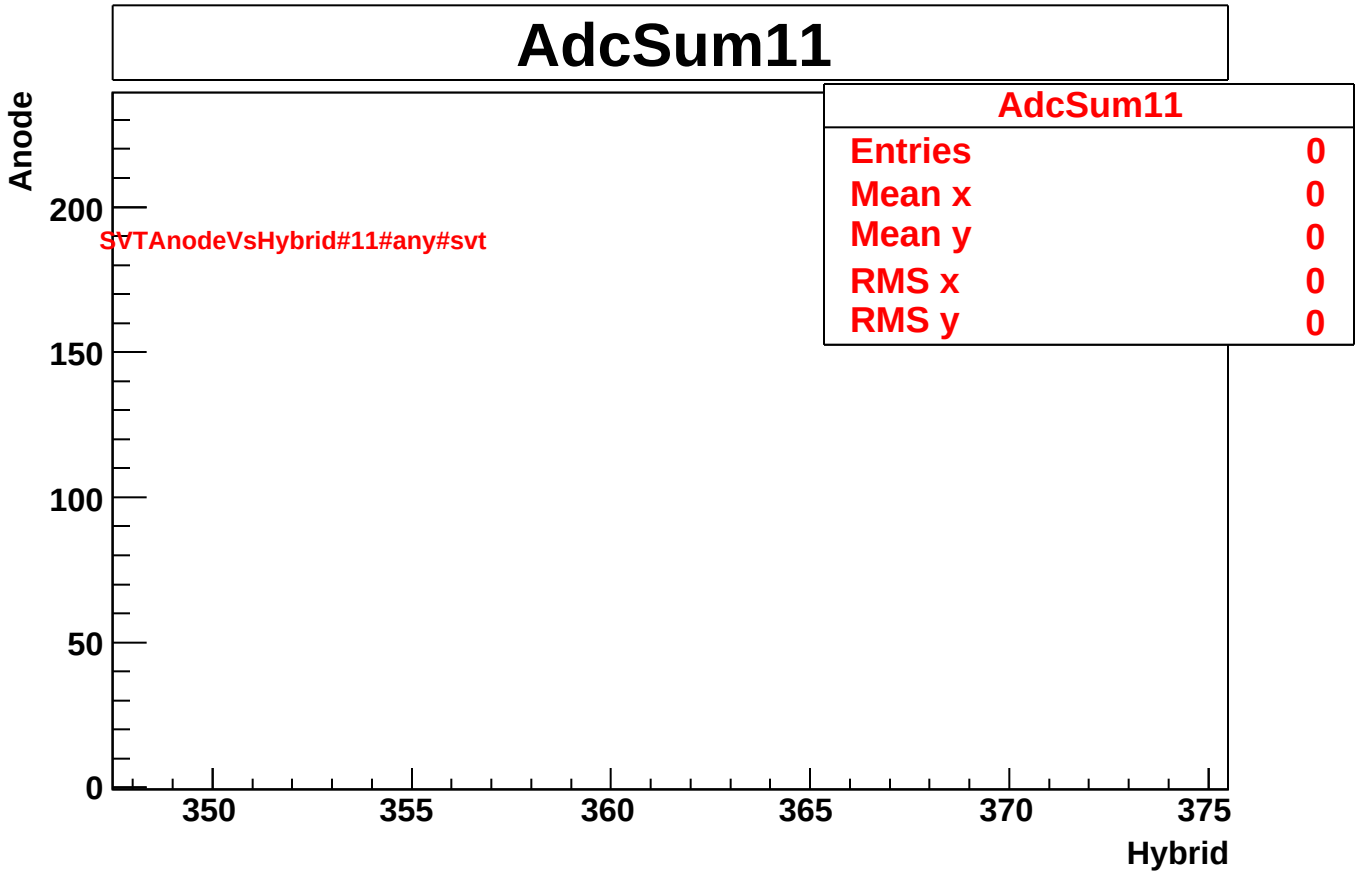
345
Hybrid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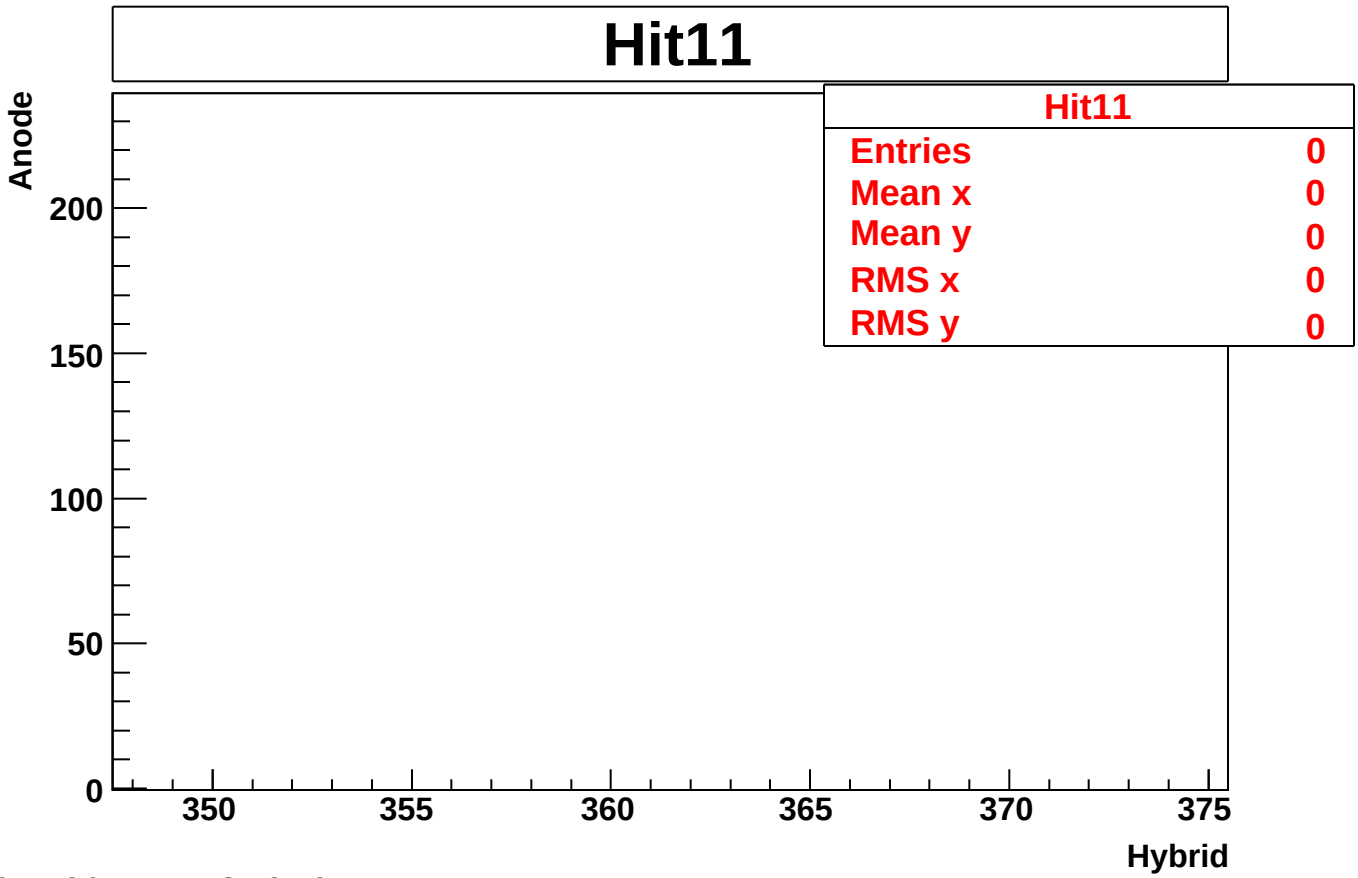
365
370
375
Hybrid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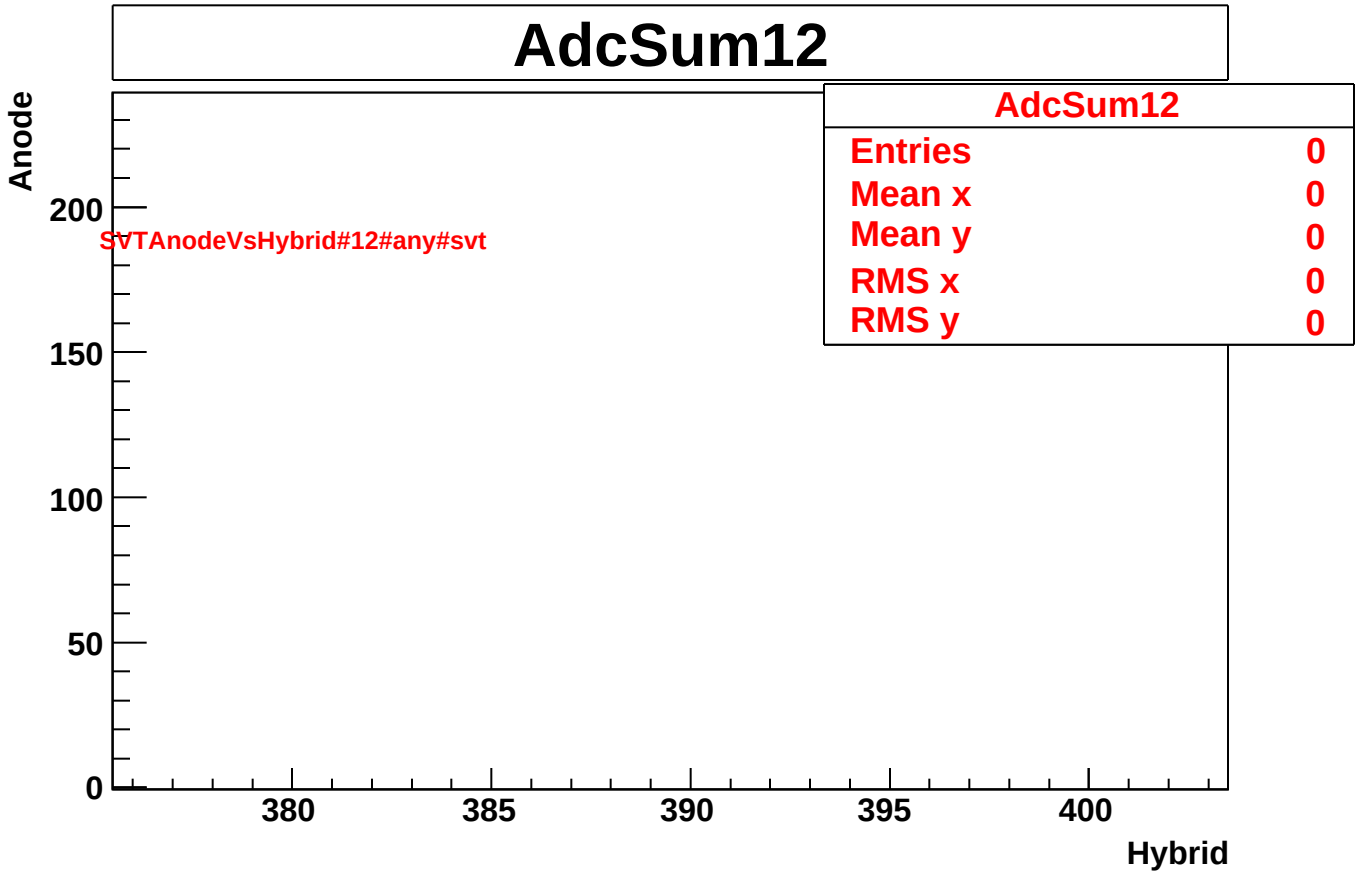
375
Hybrid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Mean y 0
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385
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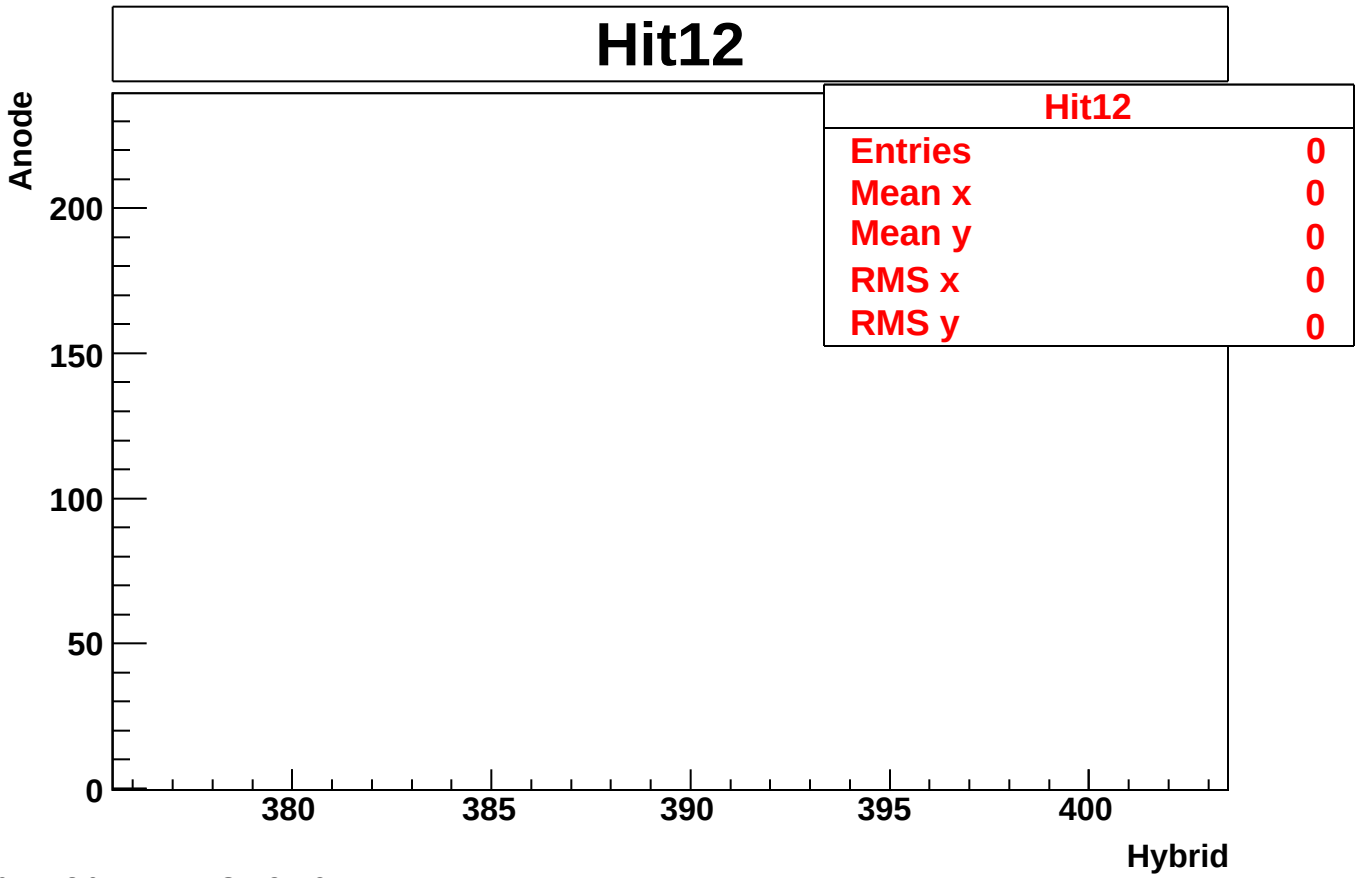
395
400
Hybrid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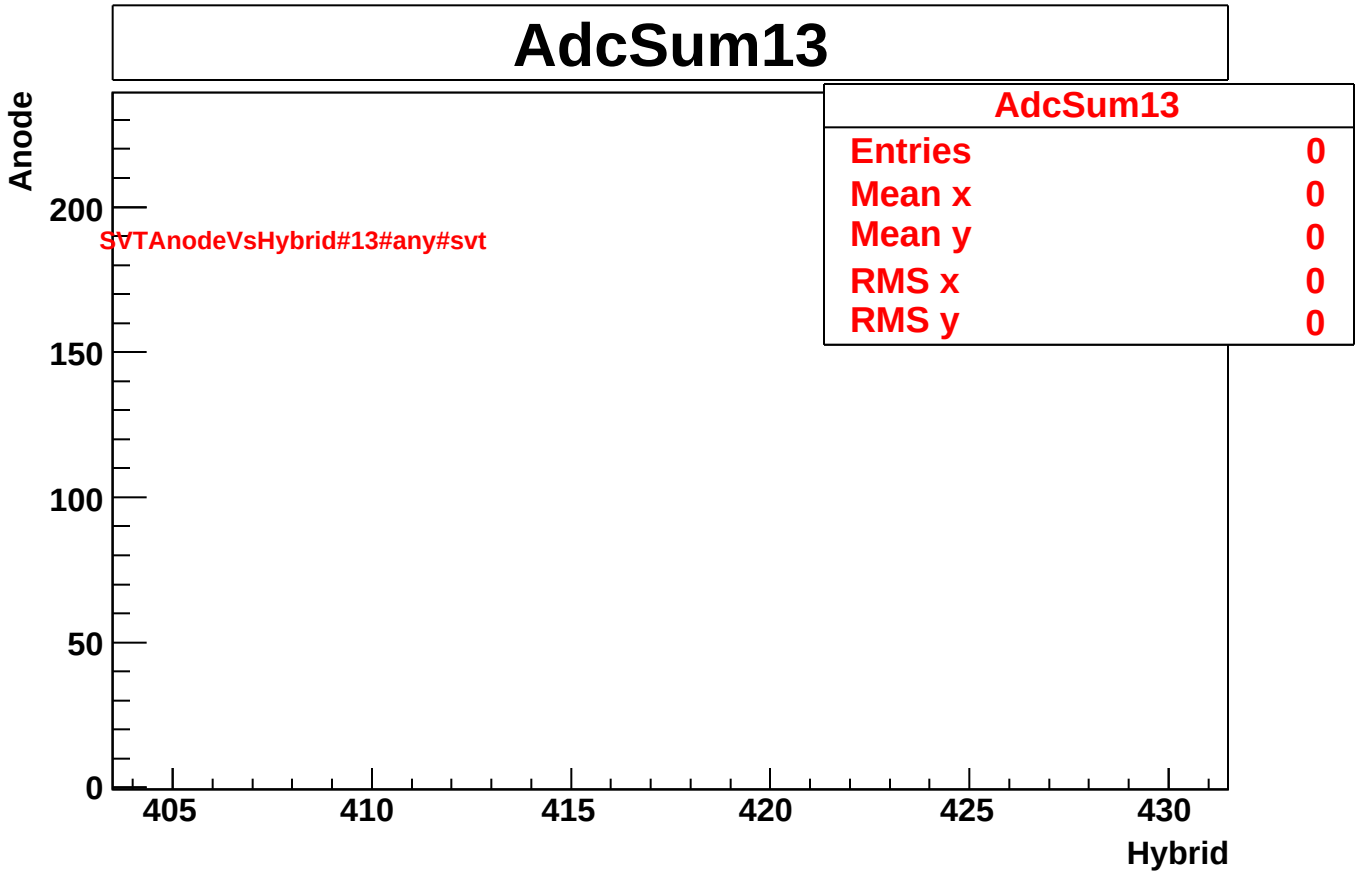
395
400
Hybrid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AdcSum13
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Mean y 0
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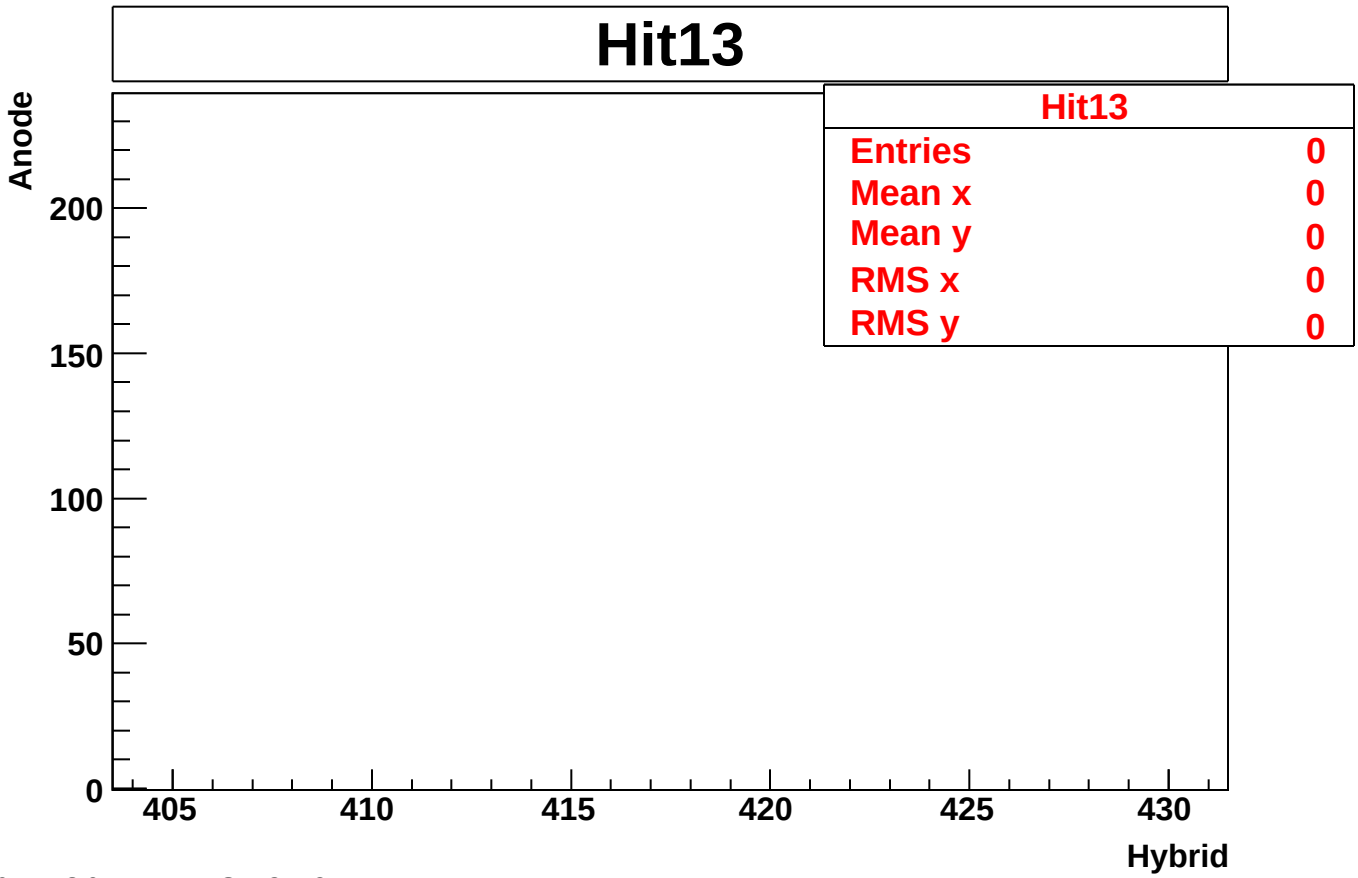
420
425
430
Hybrid


Hit13
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Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Anode
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405
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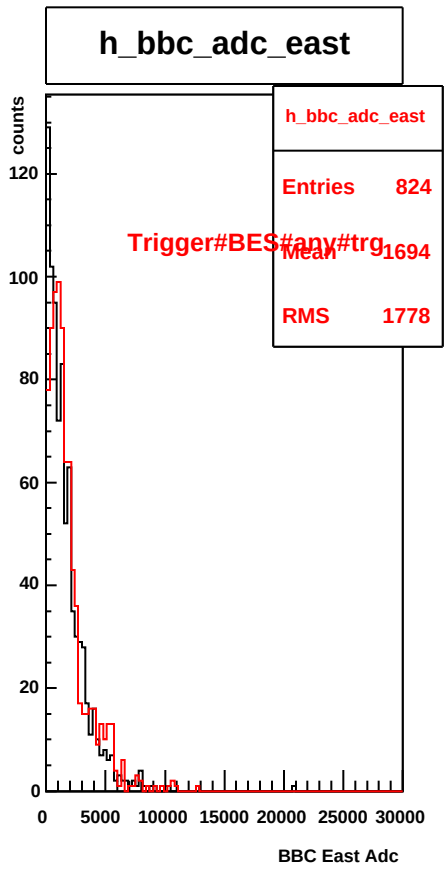
415
420
425
430
Hybrid

Ssd#Pedestal#pedestal#ssd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h_bbc_adc_east
Entries 824
Mean 1694
RMS 1778
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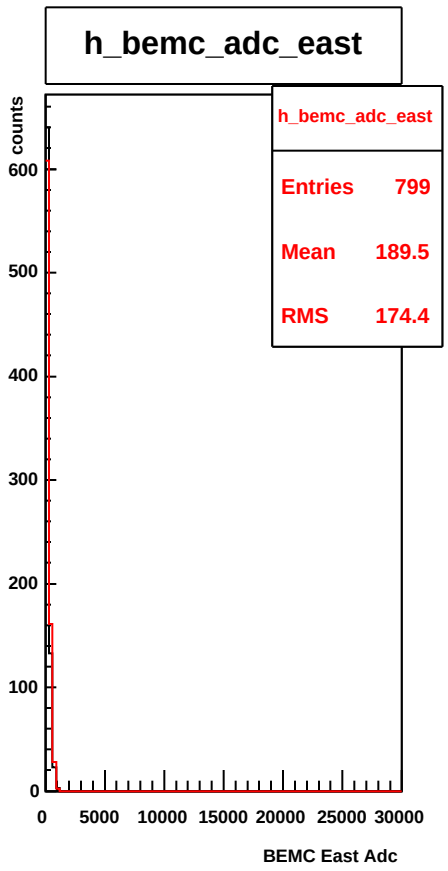
counts
BBC East Adc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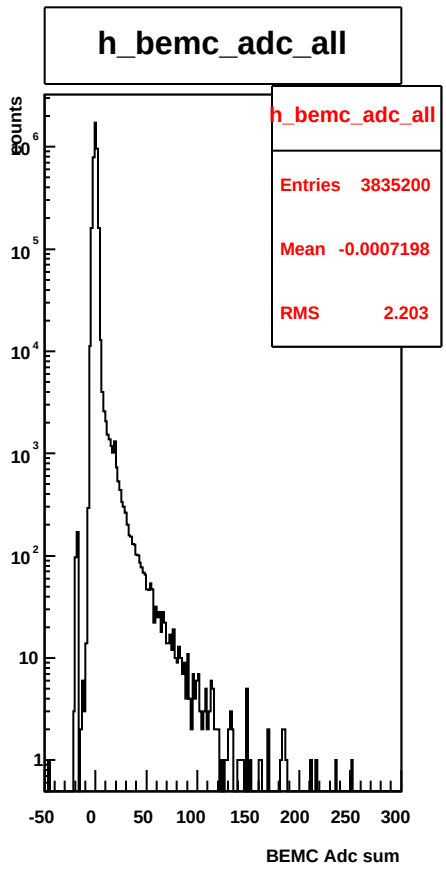
Mean 189.5
RMS 174.4
counts
BEMC East Adc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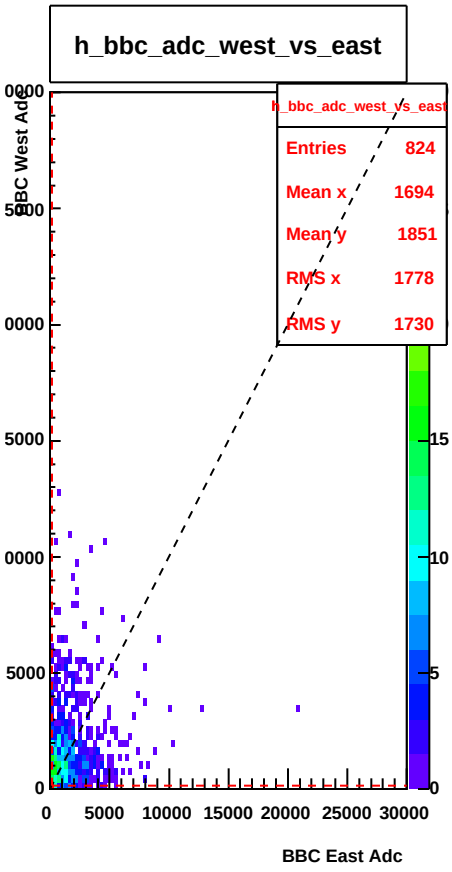
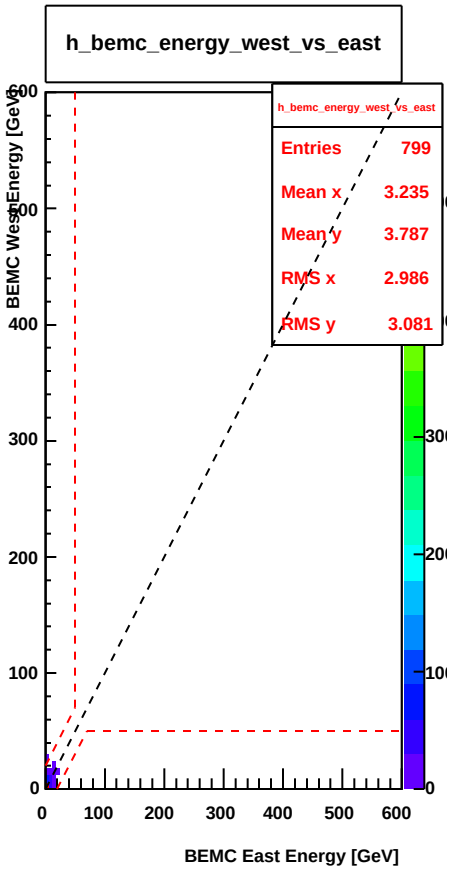
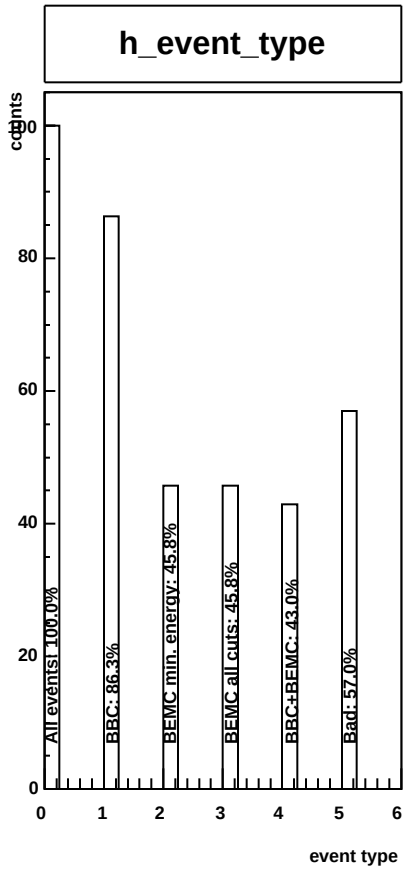
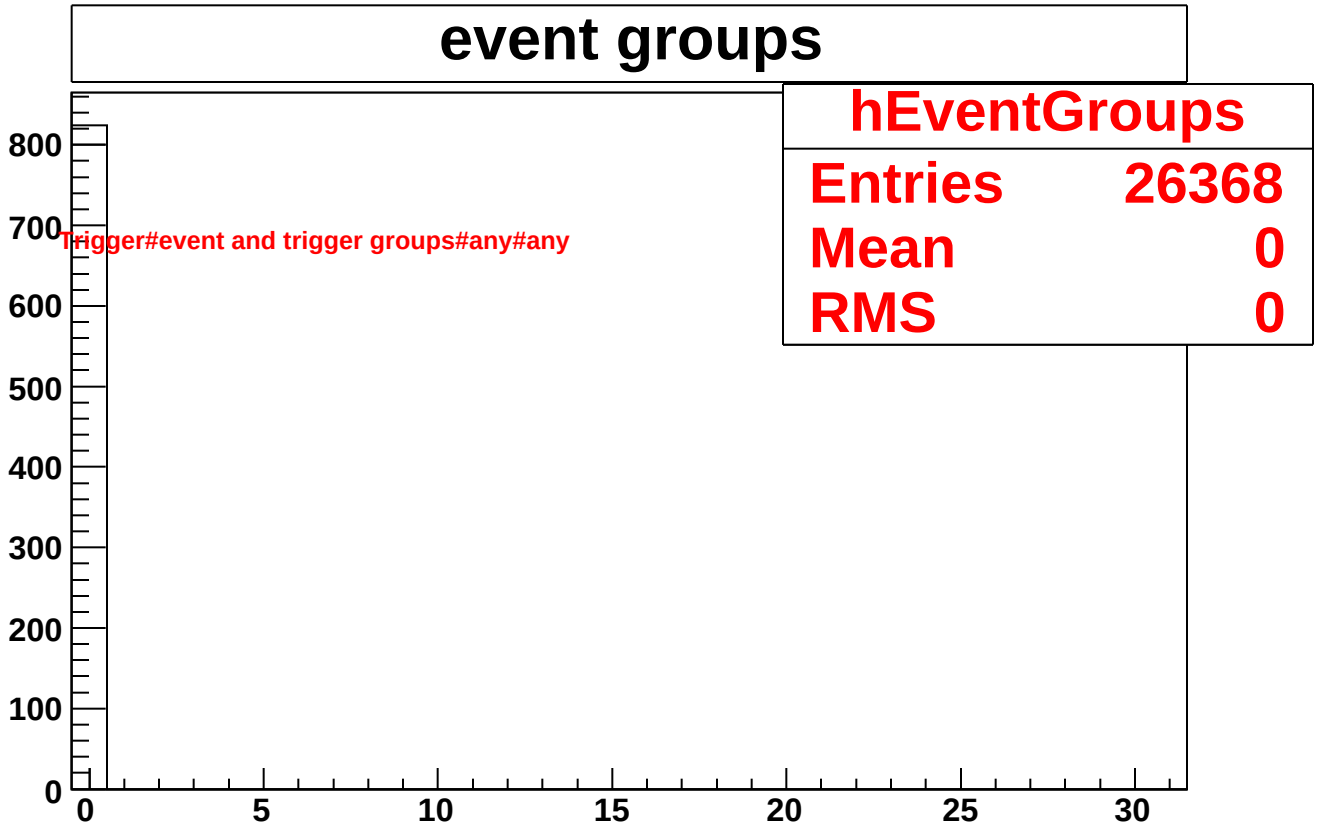
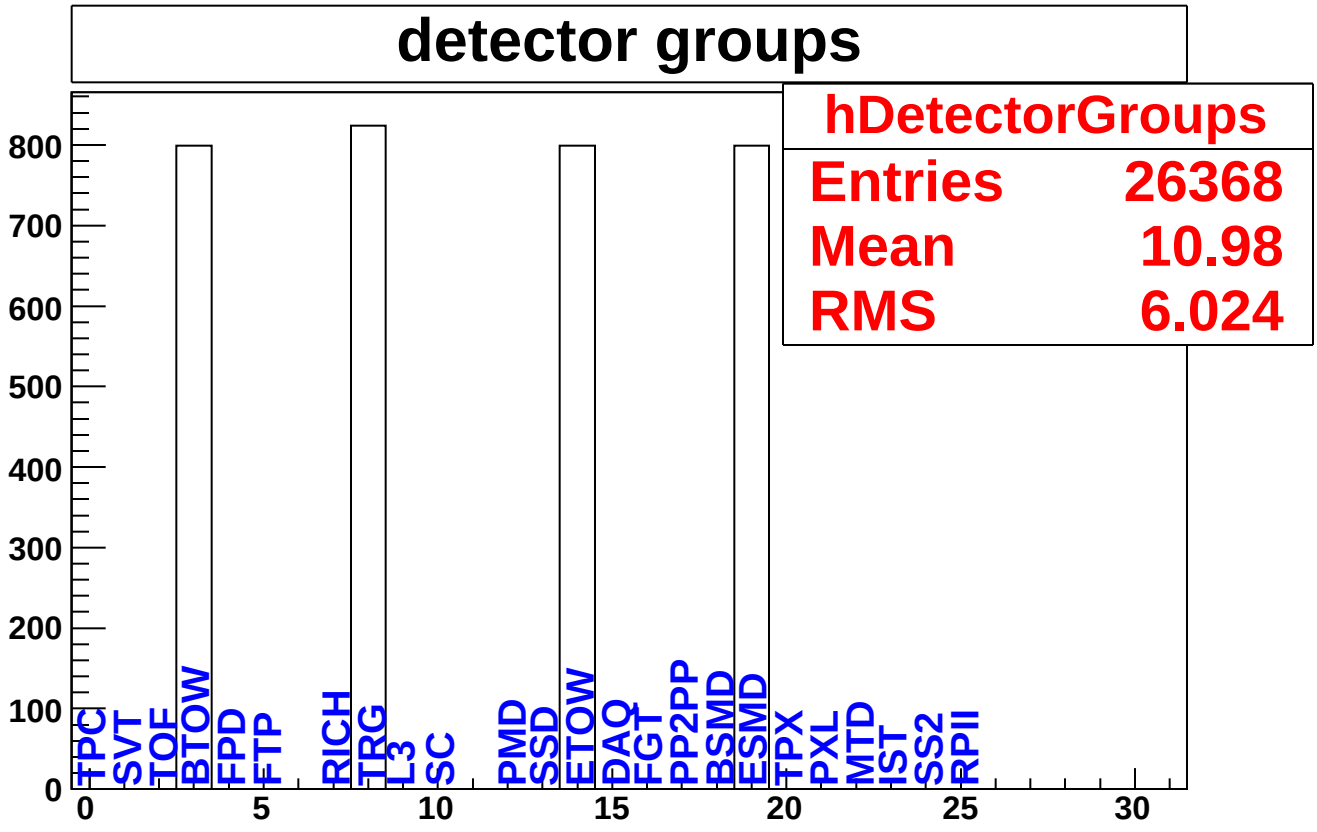
h_bemc_adc_all
Entries 3835200
Mean -0.0007198
RMS 2.203
counts
BEMC Adc sum

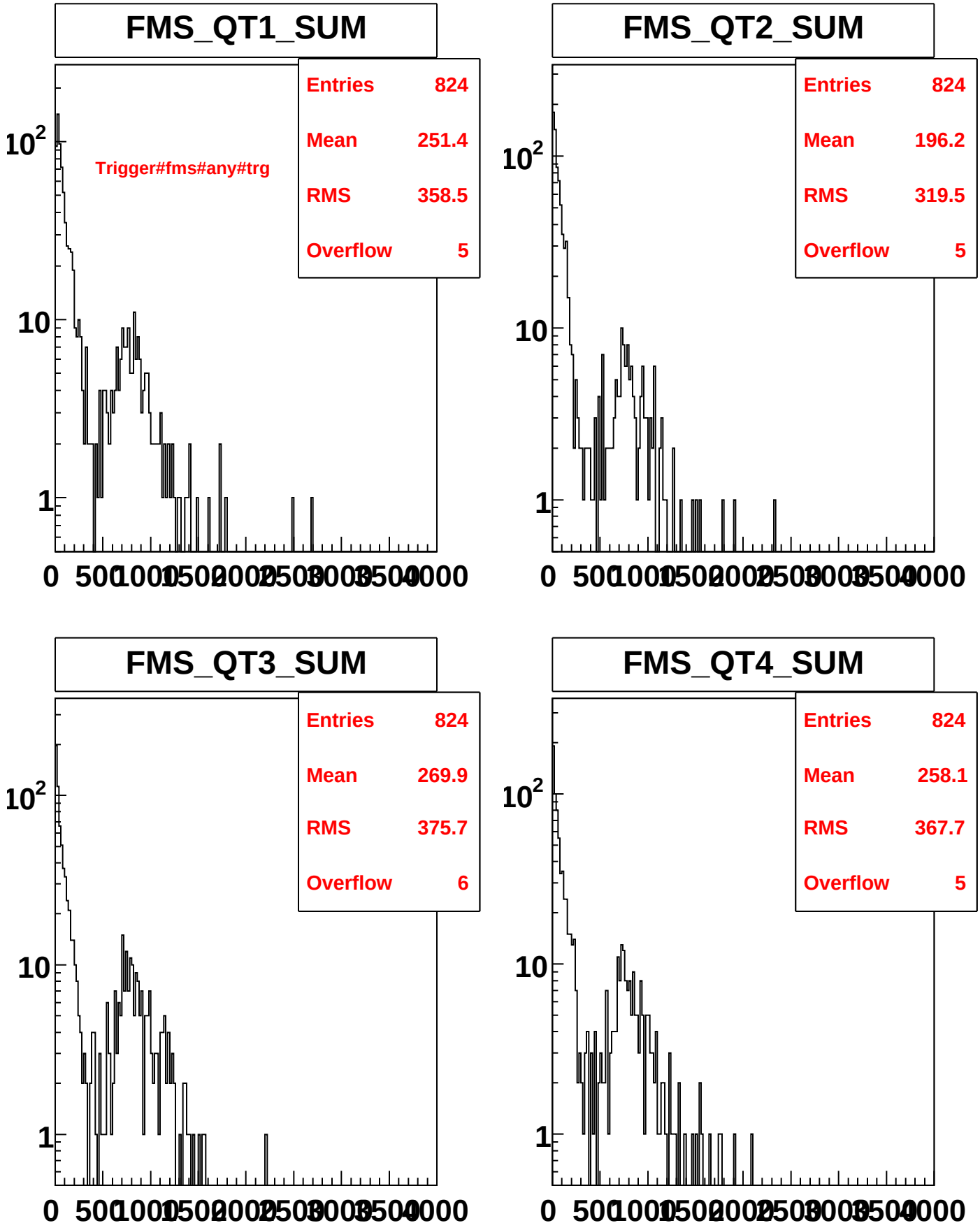

h_bbc_adc_west_vs_east
h_bbc_adc_west_vs_east
Entries 824
Mean x 1694
Mean y 1851
RMS x 1778
RMS y 1730
BBC West Adc
BBC East Adc

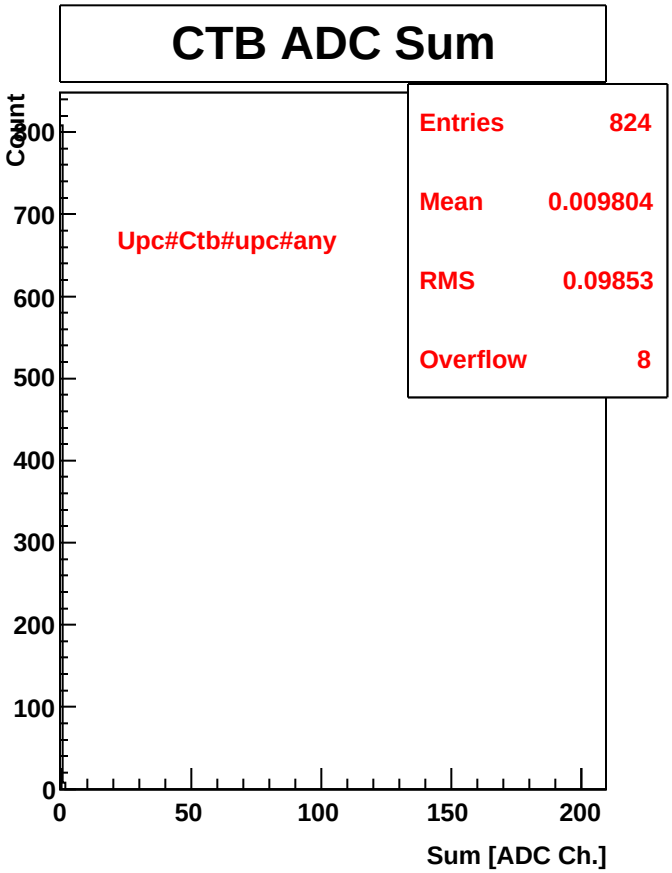

h_bemc_energy_west_vs_east
h_bemc_energy_west_vs_east
Entries 799
Mean x 3.235
Mean y 3.787
RMS x 2.986
RMS y 3.081
BEMC West Energy [GeV]
BEMC East Energy [GeV]

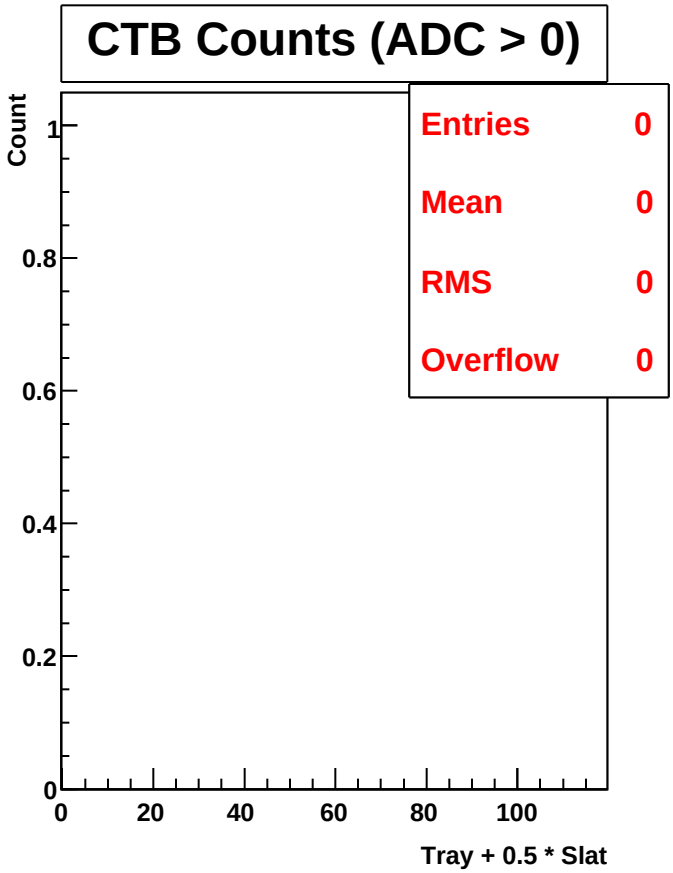

h_event_type
counts
All events: 100.0%
BBC: 86.3%
BEMC min. energy: 45.8%
BEMC all cuts: 45.8%
BBC+BEMC: 43.0%
Bad: 57.0%
event type

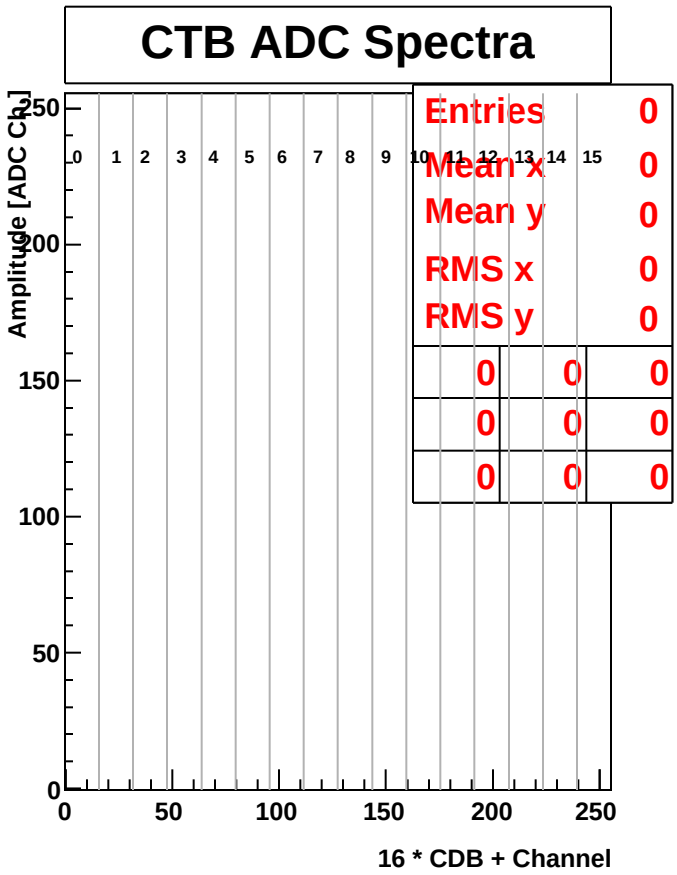

event groups
hEventGroups
Entries 26368
Mean 0
RMS 0
Trigger#event and trigger groups#any#any
0
100
200
300
400
500
600
700
800
0
5
10
15
20
25
30

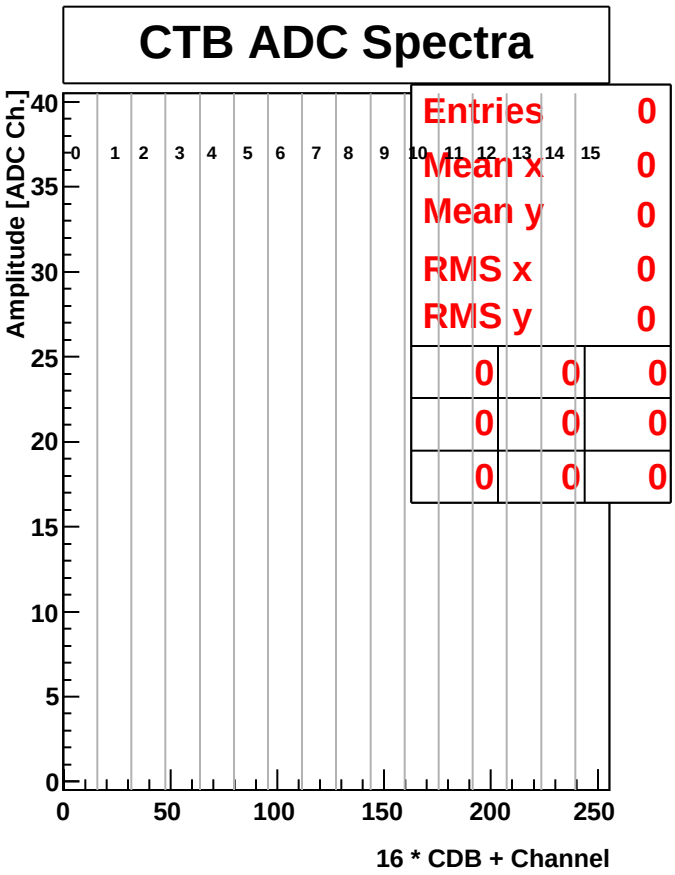

detector groups
hDetectorGroups
Entries 26368
Mean 10.98
RMS 6.024
TPC
SVT
TOF
BTOW
FPD
FTP
RICH
TRG
L3
SC
PMD
SSD
ETOW
DAQ
FGT
PP2PP
BSMD
ESMD
TPX
PXL
MTD
IST
SS2
RPII
0
100
200
300
400
500
600
700
800
0
5
10
15
20
25
30

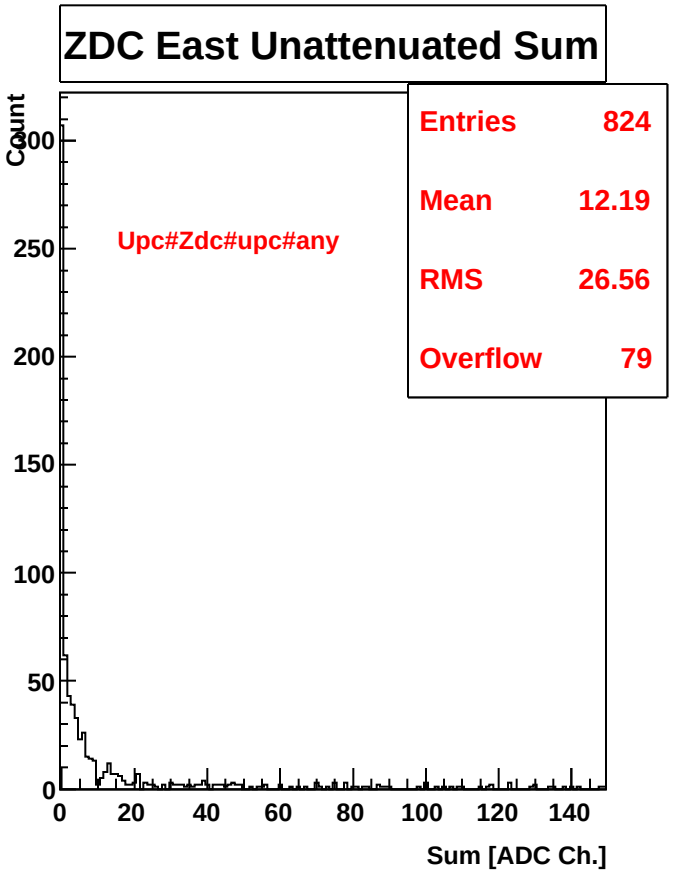

FMS_QT1_SUM
Entries 824
Mean 251.4
RMS 358.5
Overflow 5
Trigger#fms#any#trg
FMS_QT2_SUM
Entries 824
Mean 196.2
RMS 319.5
Overflow 5
FMS_QT3_SUM
Entries 824
Mean 269.9
RMS 375.7
Overflow 6
FMS_QT4_SUM
Entries 824
Mean 258.1
RMS 367.7
Overflow 5

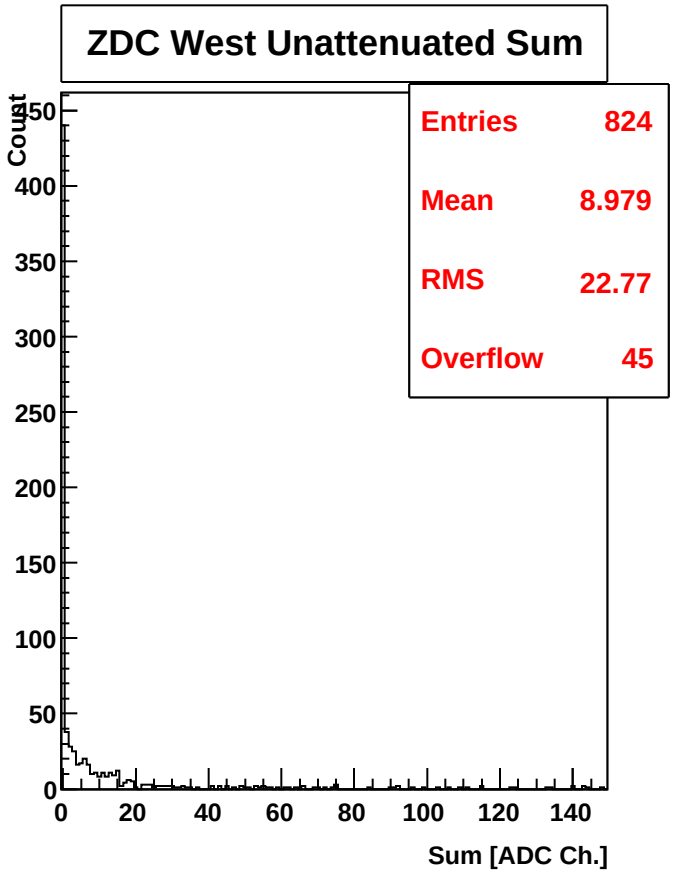

CTB ADC Sum
Entries 824
Mean 0.009804
RMS 0.09853
Overflow 8
Upc#Ctb#upc#any
Count
Sum [ADC Ch.]

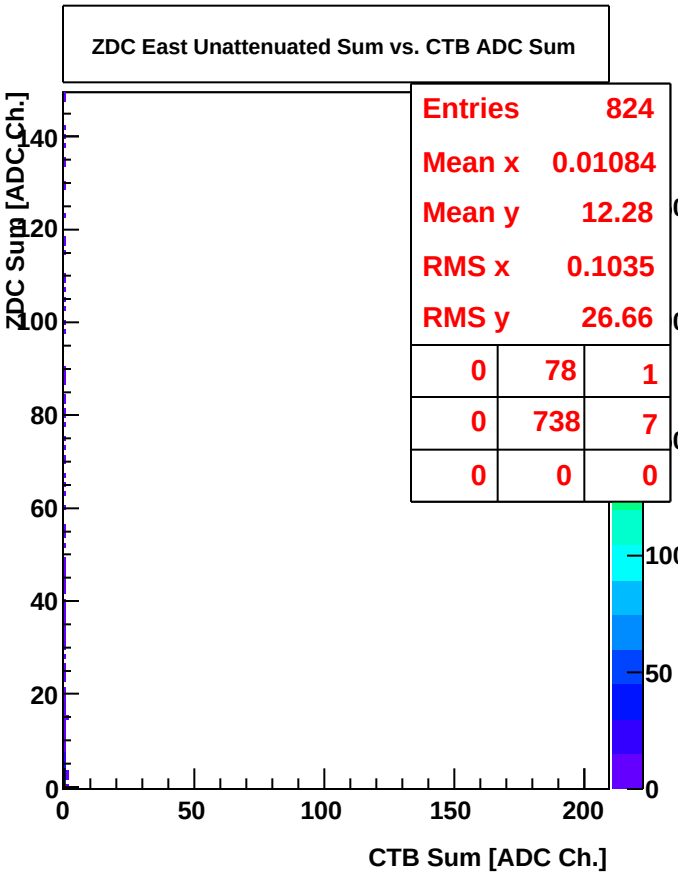

CTB Counts (ADC > 0)
Entries 0
Mean 0
RMS 0
Overflow 0
Count
Tray + 0.5 * Slat

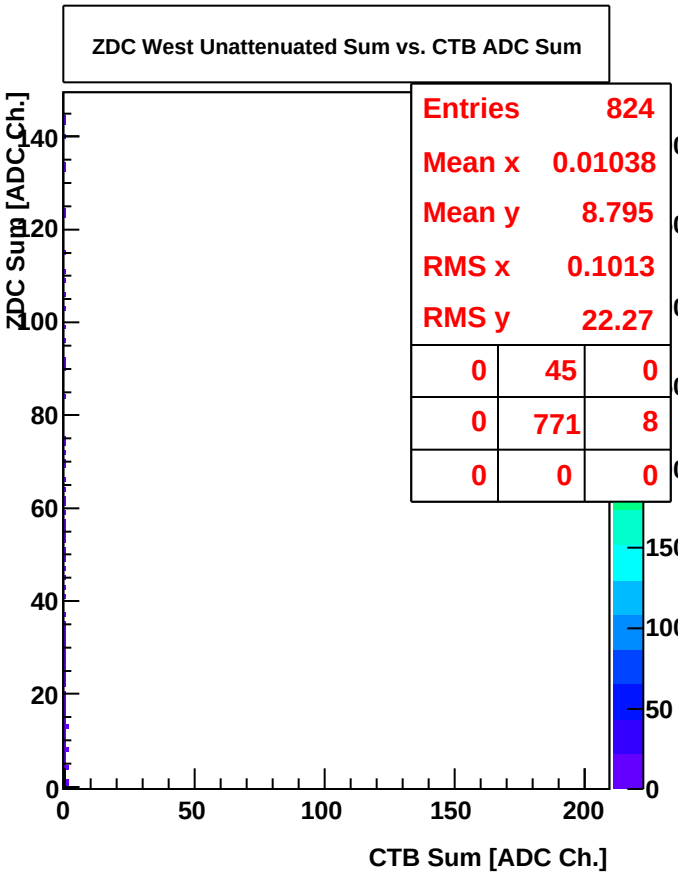

CTB ADC Spectra
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
Amplitude [ADC Ch.]
16 * CDB + Channel


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 824
Mean 12.19
RMS 26.56
Overflow 79
Upc#Zdc#upc#any
Count
Sum [ADC Ch.]


ZDC West Unattenuated Sum
Entries 824
Mean 8.979
RMS 22.77
Overflow 45
Count
Sum [ADC Ch.]


ZDC East Unattenuated Sum vs. CTB ADC Sum
Entries 824
Mean x 0.01084
Mean y 12.28
RMS x 0.1035
RMS y 26.66
0 78 1
0 738 7
0 0 0
ZDC Sum [ADC Ch.]
CTB Sum [ADC Ch.]


ZDC West Unattenuated Sum vs. CTB ADC Sum
Entries 824
Mean x 0.01038
Mean y 8.795
RMS x 0.1013
RMS y 22.27
0 45 0
0 771 8
0 0 0
ZDC Sum [ADC Ch.]
CTB Sum [ADC Ch.]