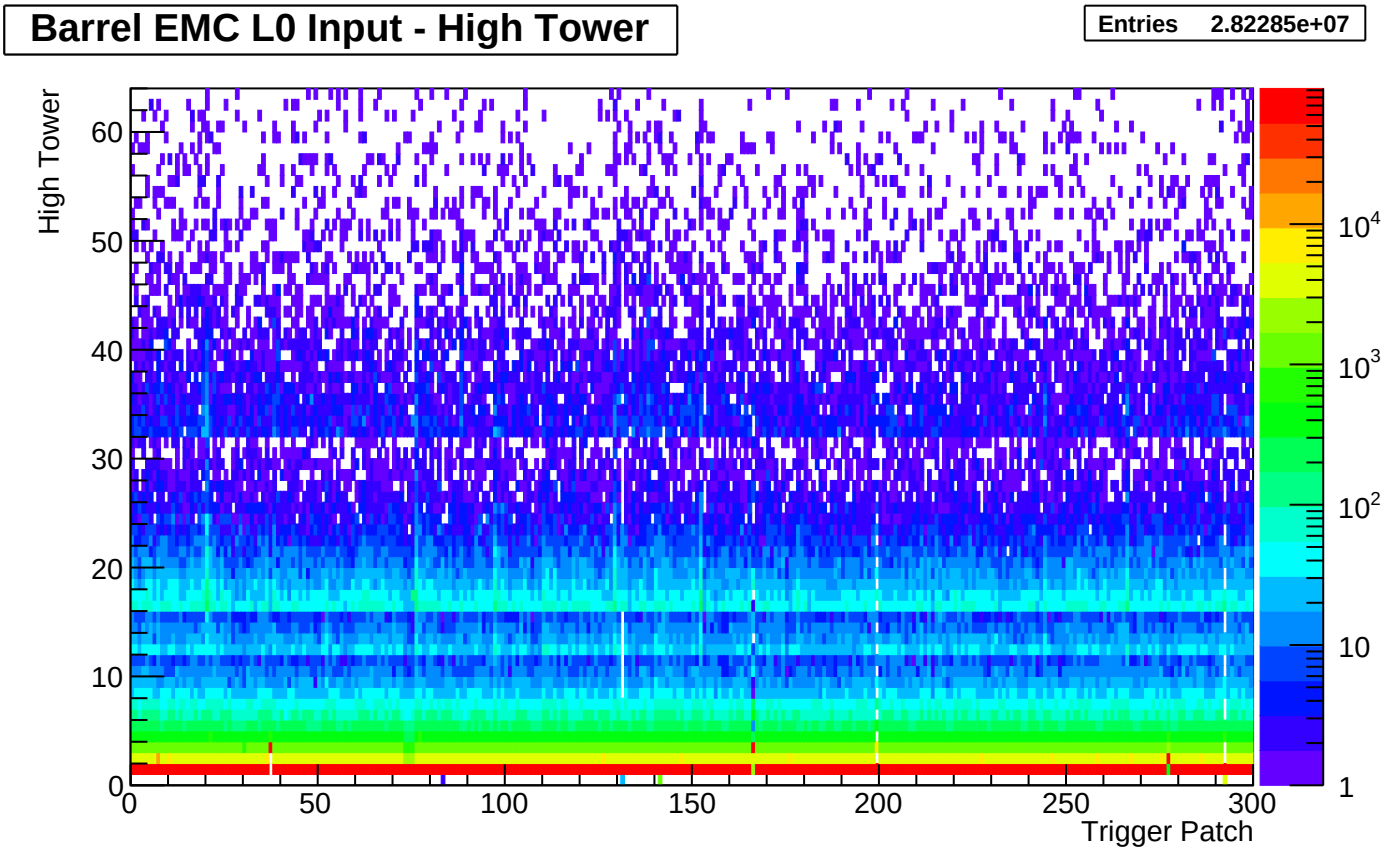
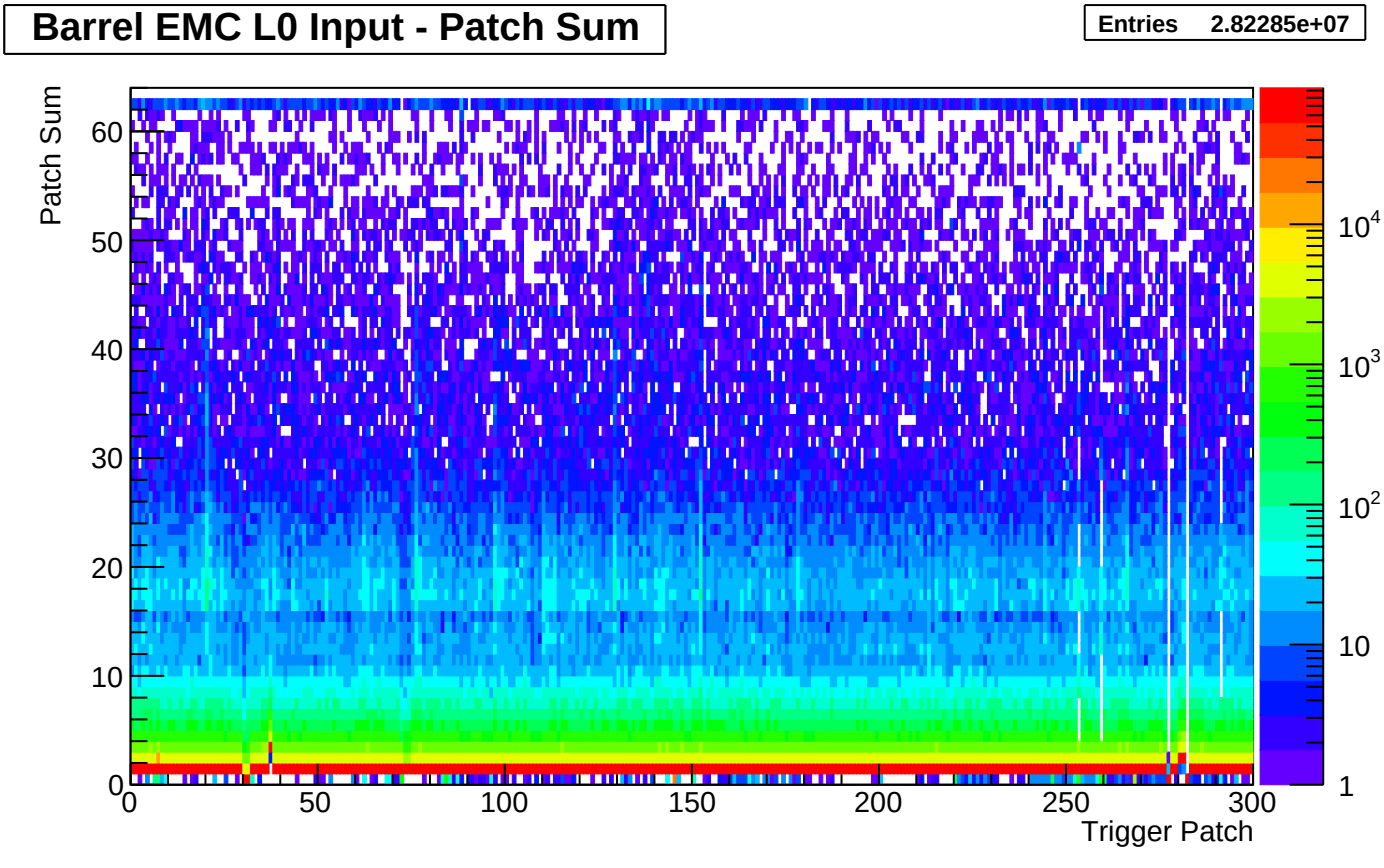
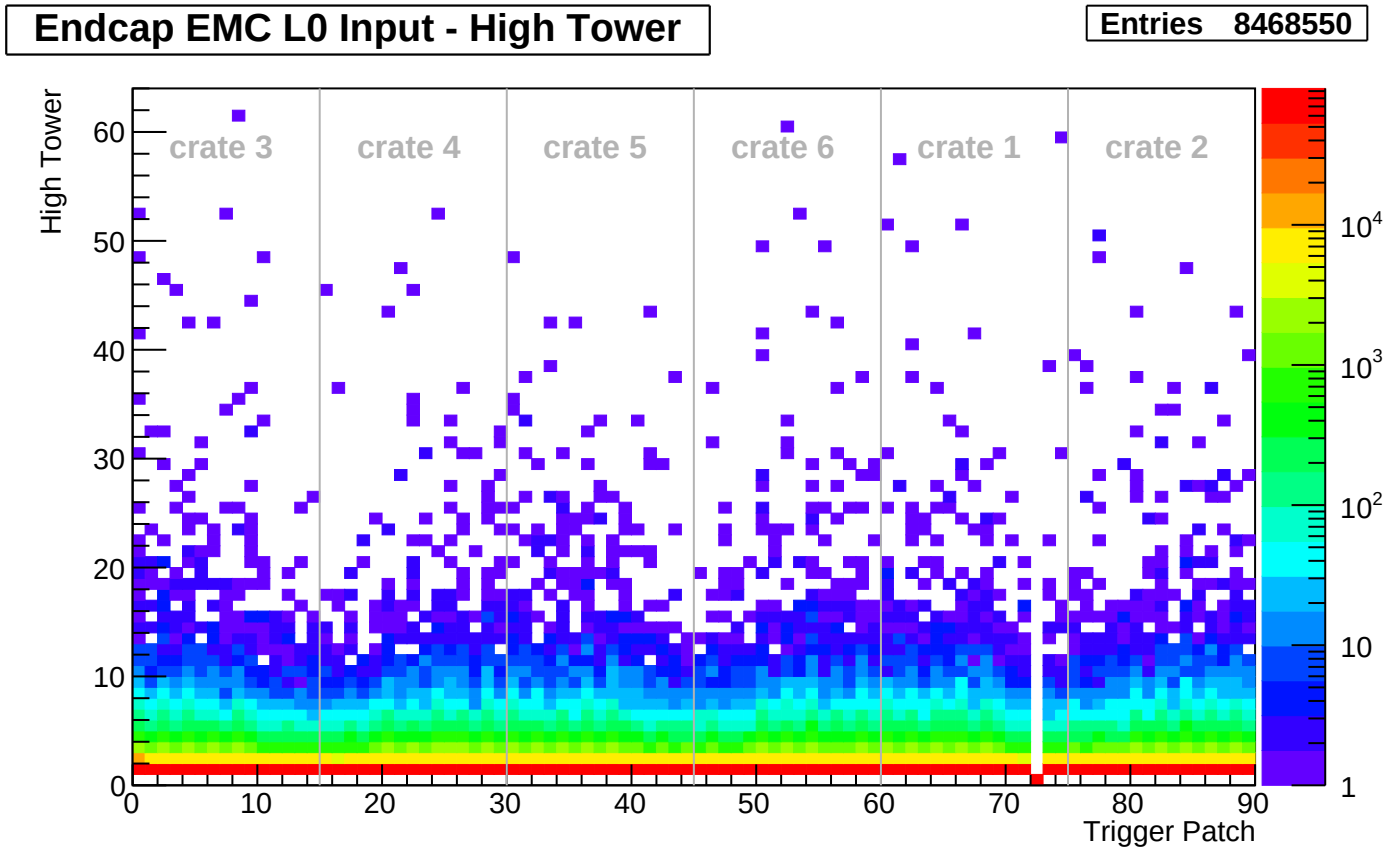
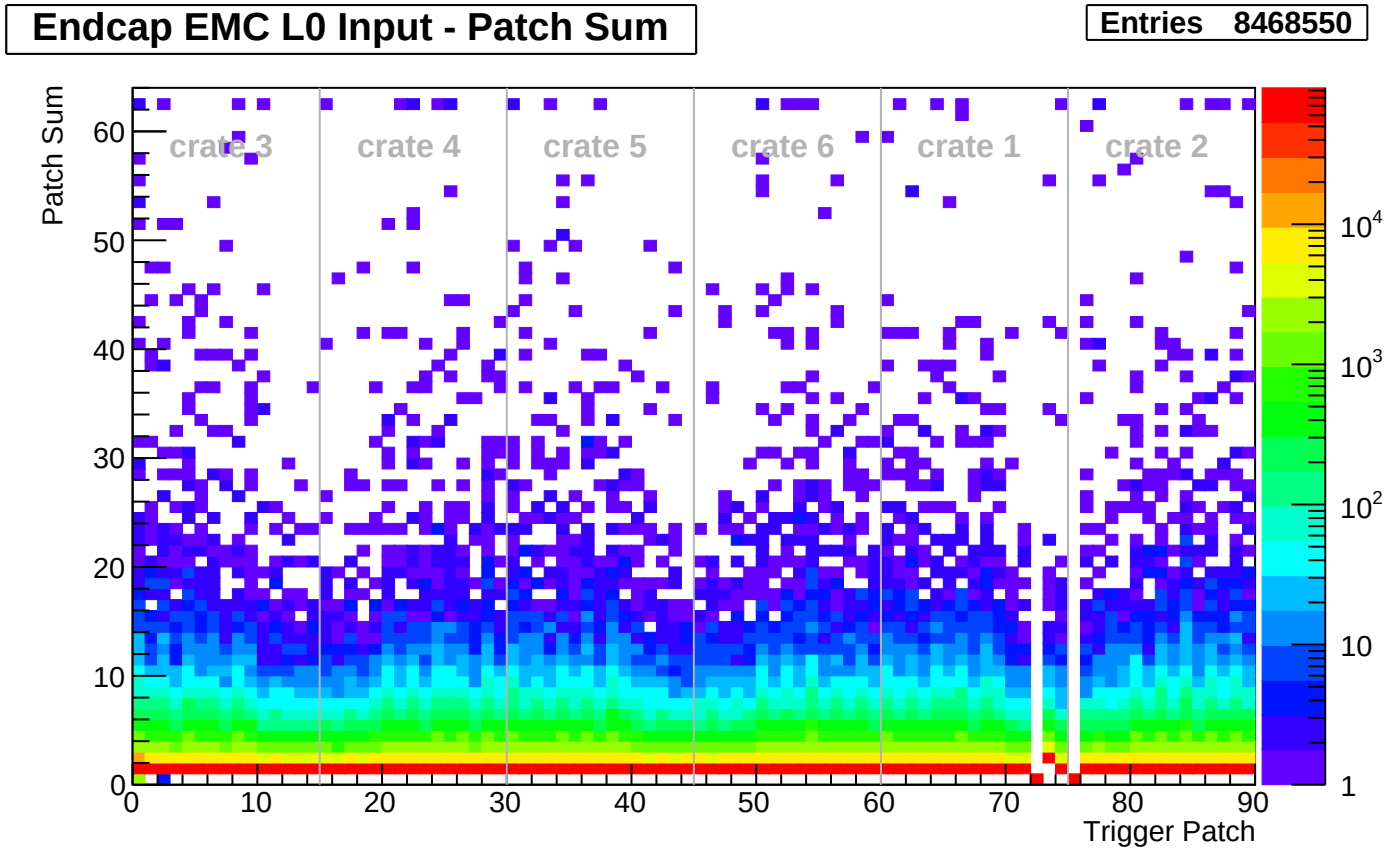
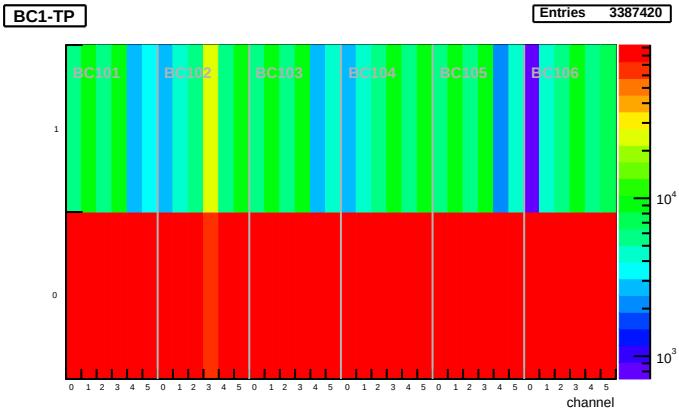
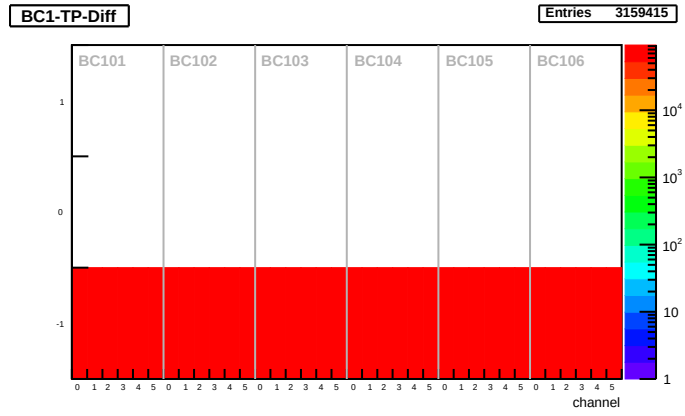

Barrel EMC L0 Input - High Tower
Entries 2.82285e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

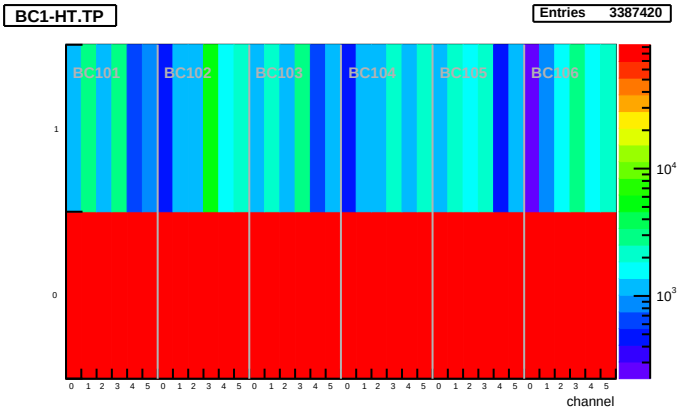

Barrel EMC L0 Input - Patch Sum
Entries 2.82285e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

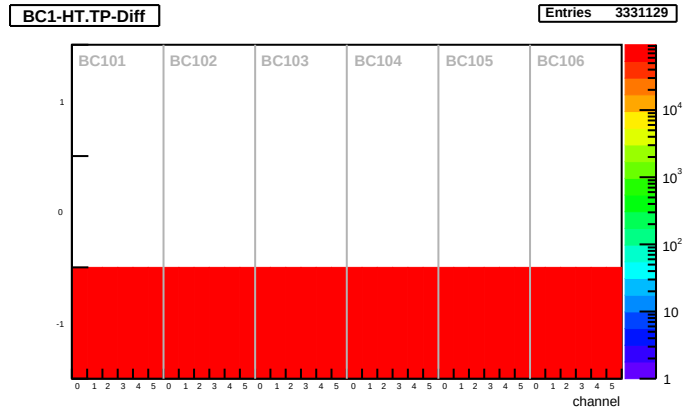

Endcap EMC L0 Input - High Tower
Entries 8468550
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

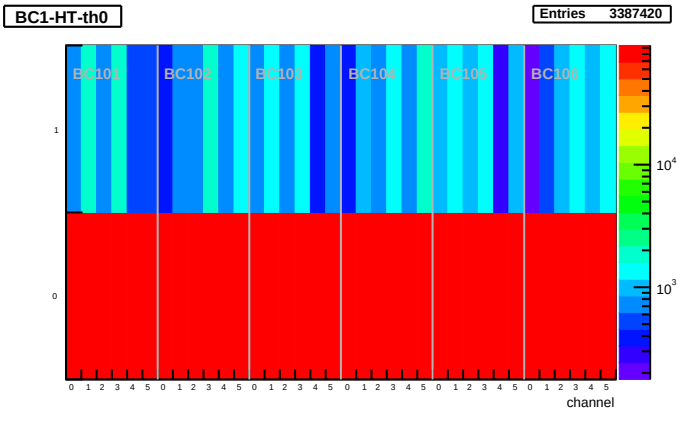

Endcap EMC L0 Input - Patch Sum
Entries 8468550
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

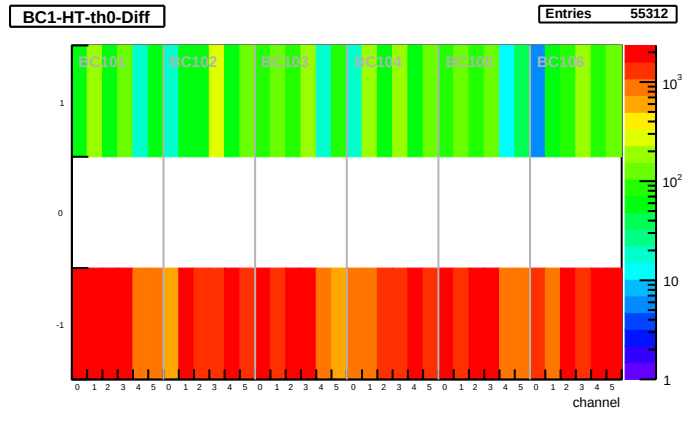

BC1-TP
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

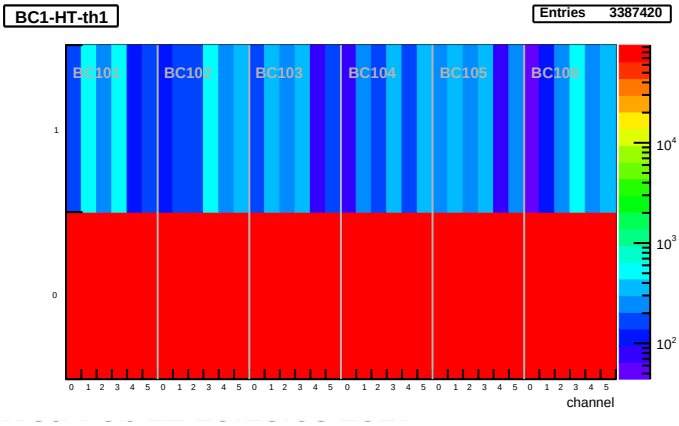

BC1-TP-Diff
Entries 3159415
BC101
BC102
BC103
BC104
BC105
BC106
channel

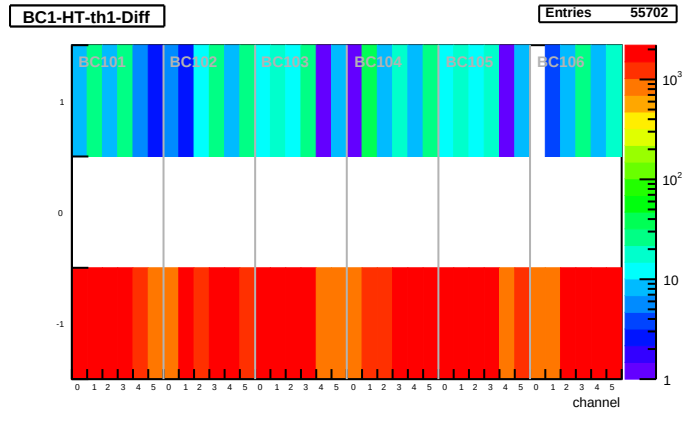

BC1-HT.TP
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

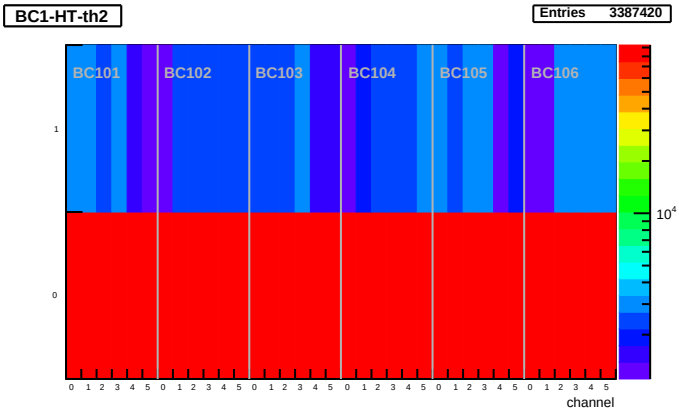

BC1-HT.TP-Diff
Entries 3331129
BC101
BC102
BC103
BC104
BC105
BC106
channel

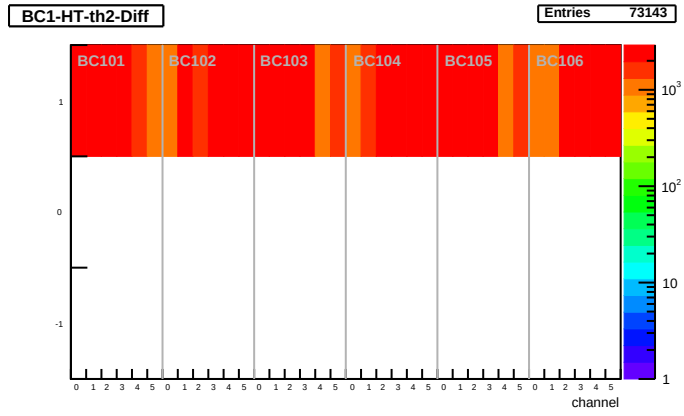

BC1-HT-th0
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

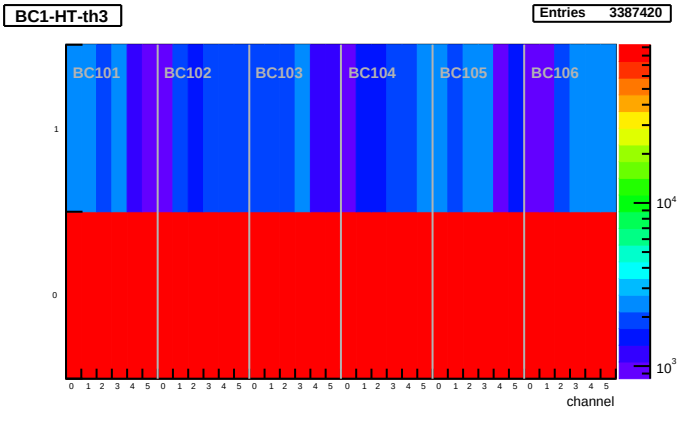

BC1-HT-th0-Diff
Entries 55312
BC101
BC102
BC103
BC104
BC105
BC106
channel

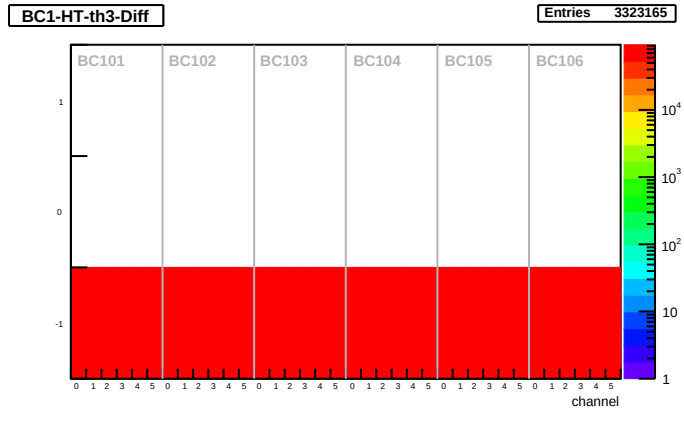

BC1-HT-th1
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

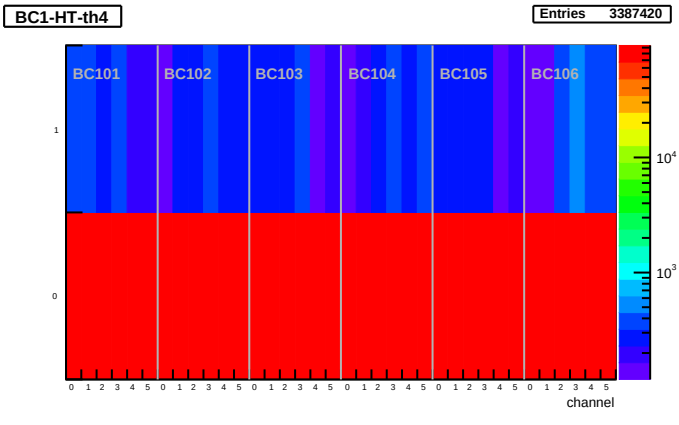

BC1-HT-th1-Diff
Entries 55702
BC101
BC102
BC103
BC104
BC105
BC106
channel

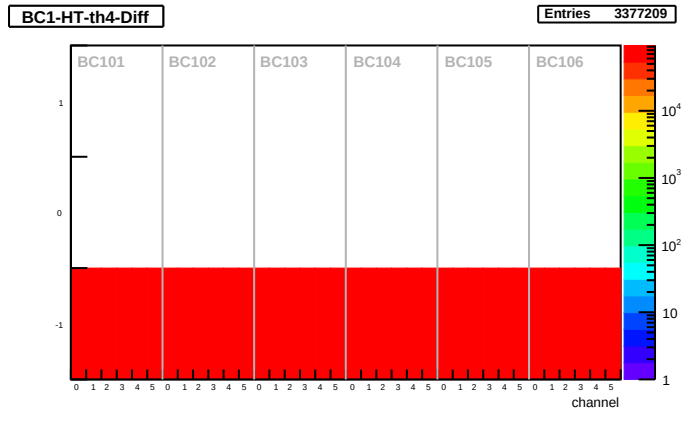

BC1-HT-th2
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

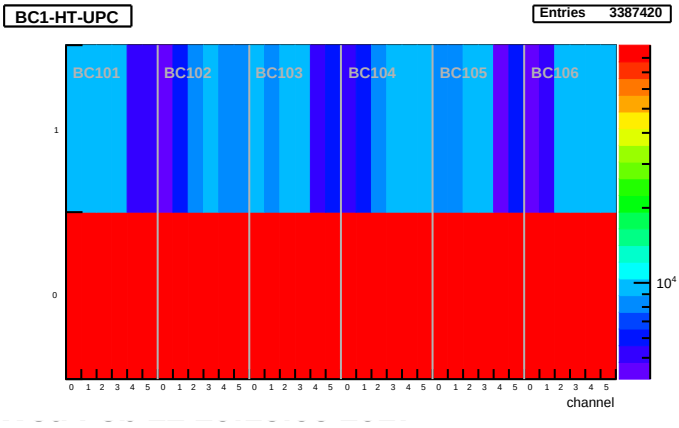

BC1-HT-th2-Diff
Entries 73143
BC101
BC102
BC103
BC104
BC105
BC106
channel

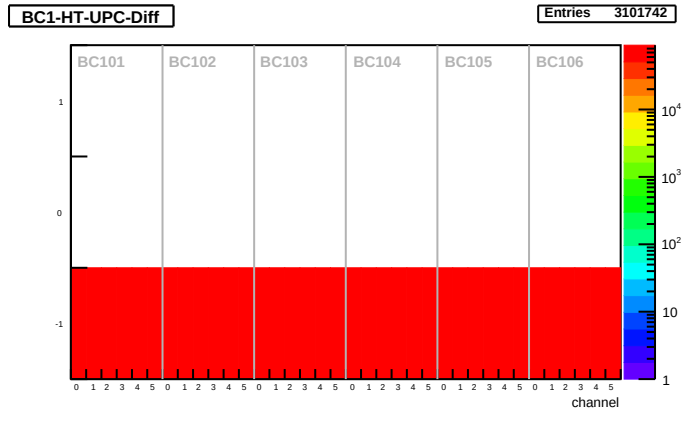

BC1-HT-th3
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

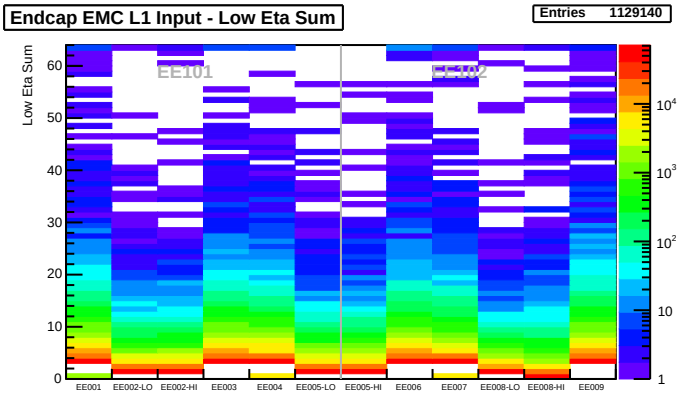

BC1-HT-th3-Diff
Entries 3323165
BC101
BC102
BC103
BC104
BC105
BC106
channel

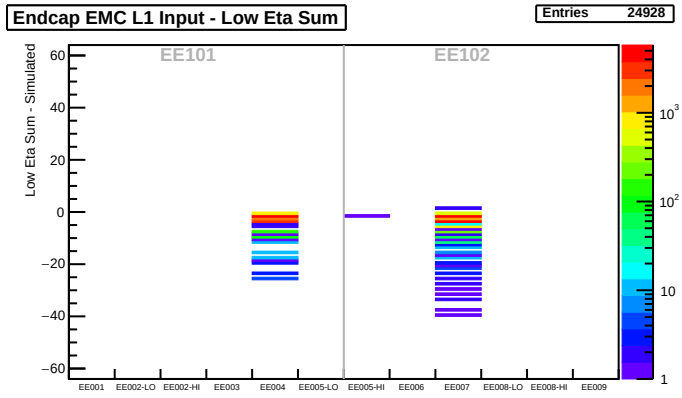

BC1-HT-th4
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

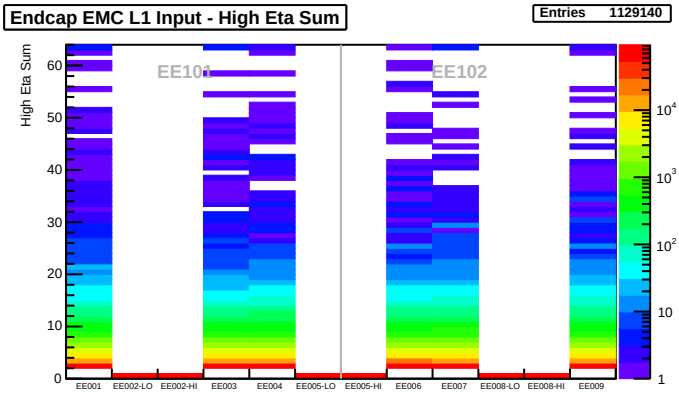

BC1-HT-th4-Diff
Entries 3377209
BC101
BC102
BC103
BC104
BC105
BC106
channel

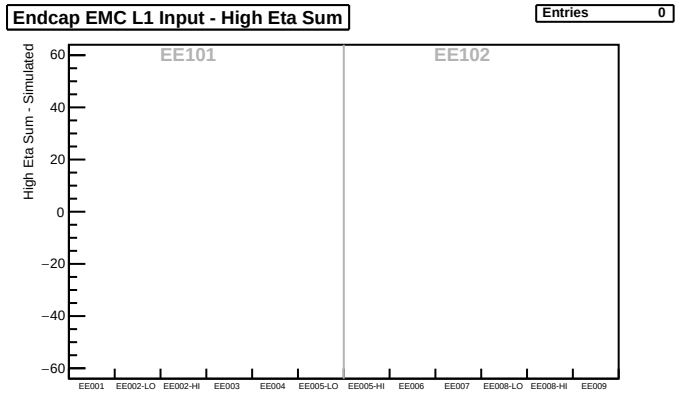

BC1-HT-UPC
Entries 3387420
BC101
BC102
BC103
BC104
BC105
BC106
channel

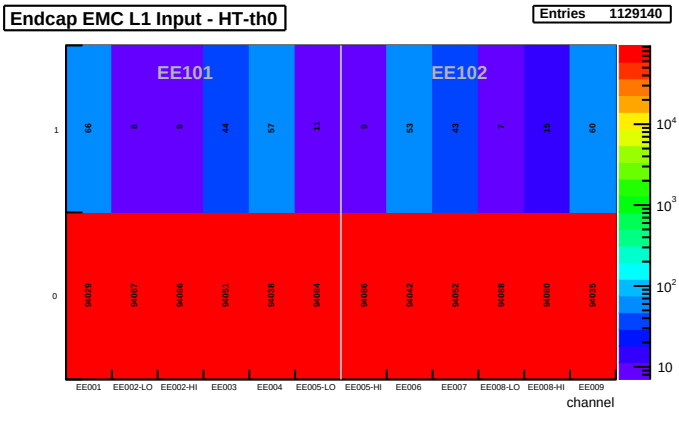

BC1-HT-UPC-Diff
Entries 3101742
BC101
BC102
BC103
BC104
BC105
BC106
channel

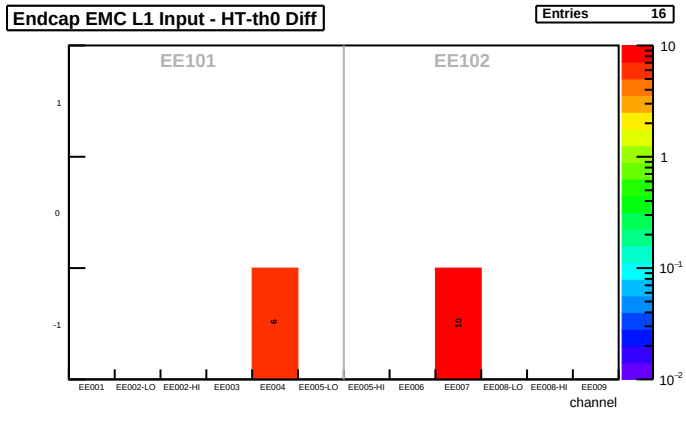

Endcap EMC L1 Input - Low Eta Sum
Entries 1129140
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

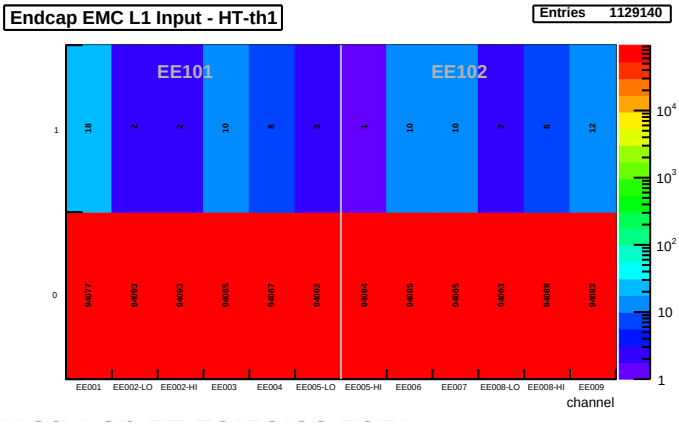

Endcap EMC L1 Input - Low Eta Sum
Entries 24928
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

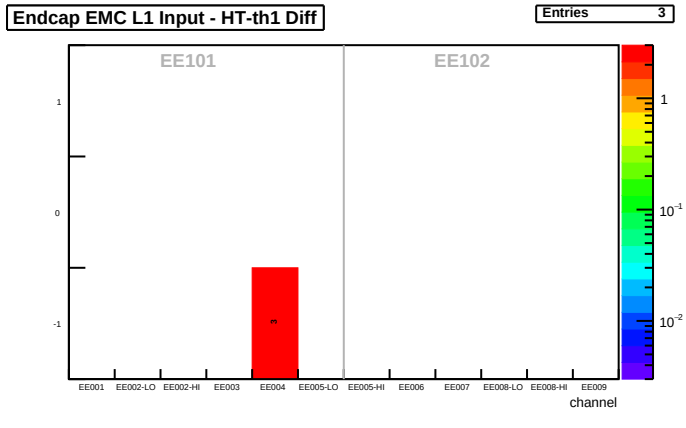

Endcap EMC L1 Input - High Eta Sum
Entries 1129140
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

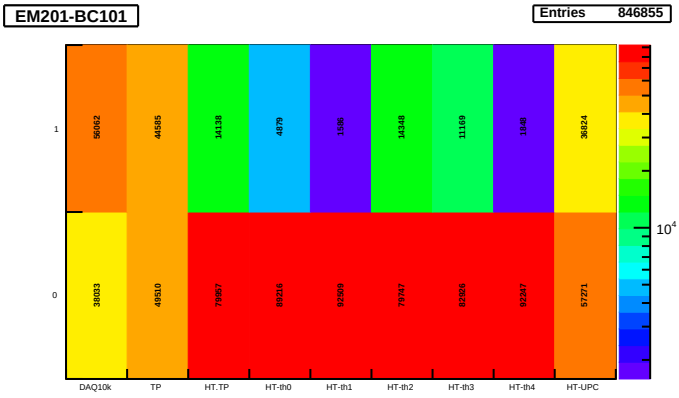

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

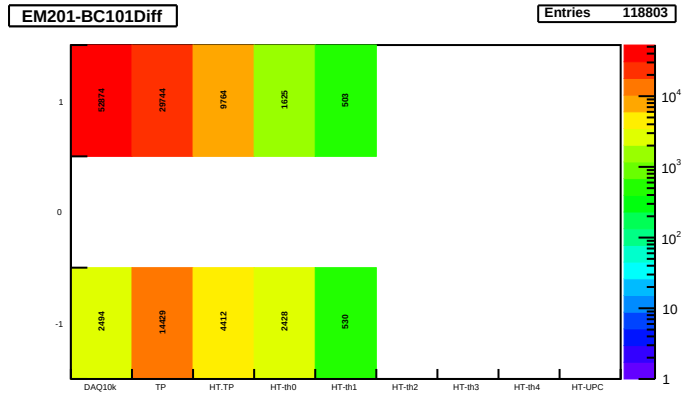

Endcap EMC L1 Input - HT-th0
Entries 1129140
EE101
EE102
66 8 9 44 57 11 9 53 43 7 15 60
94029 94037 94056 94051 94038 94024 94066 94042 94052 94068 94080 94035
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

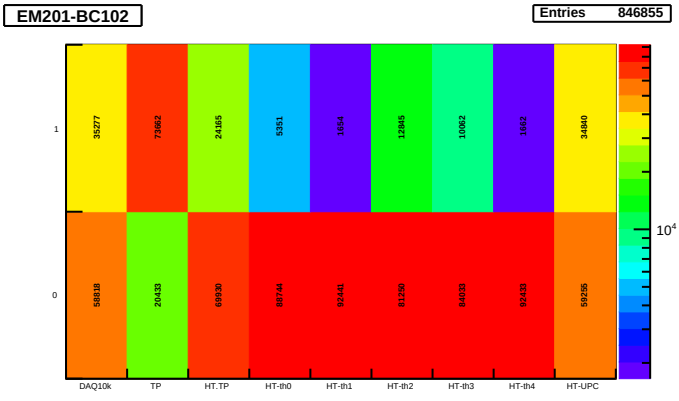

Endcap EMC L1 Input - HT-th0 Diff
Entries 16
EE101
EE102
6
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

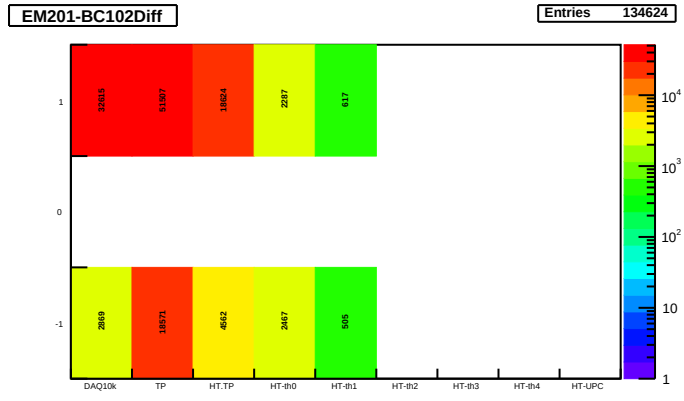

Endcap EMC L1 Input - HT-th1
Entries 1129140
EE101
EE102
18 2 2 10 8 3 1 10 10 2 6 12
94077 94093 94083 94095 94097 94092 94094 94095 94095 94093 94089 94083
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

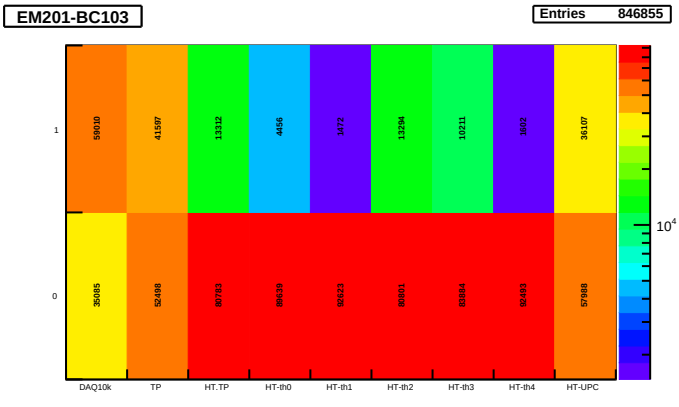

Endcap EMC L1 Input - HT-th1 Diff
Entries 3
EE101
EE102
3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

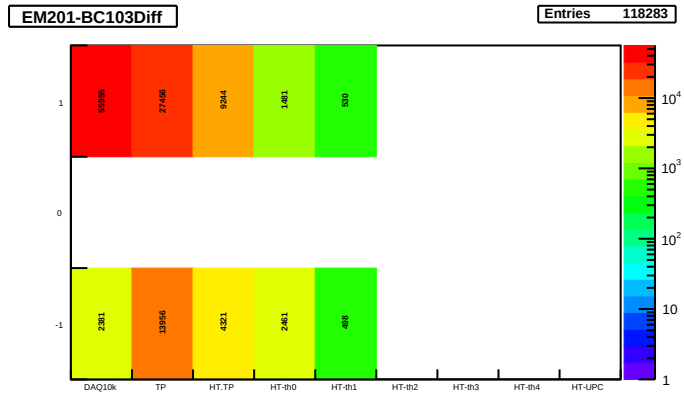

EM201-BC101
Entries 846855
1
0
50062
44585
14138
4879
1586
14348
11169
1848
36824
39033
49510
79957
89216
92509
79347
82926
92247
57271
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

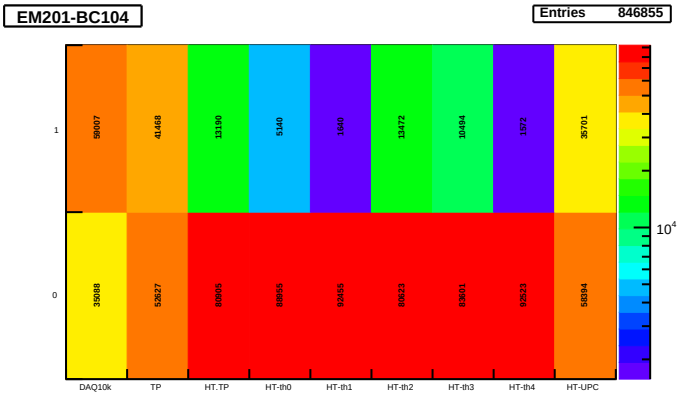

EM201-BC101Diff
Entries 118803
1
0
-1
32874
29744
9764
1625
503
2494
14429
4412
2428
530
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

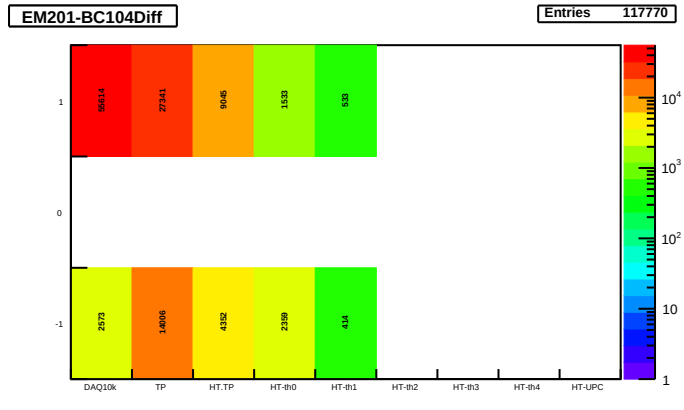

EM201-BC102
Entries 846855
1
0
35277
73662
24165
5351
1654
12845
10062
1662
34940
58818
20433
69930
88744
92441
81290
84033
92433
59285
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC102Diff
Entries 134624
1
0
-1
32615
51597
19824
2287
617
2869
18571
4562
2467
505
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

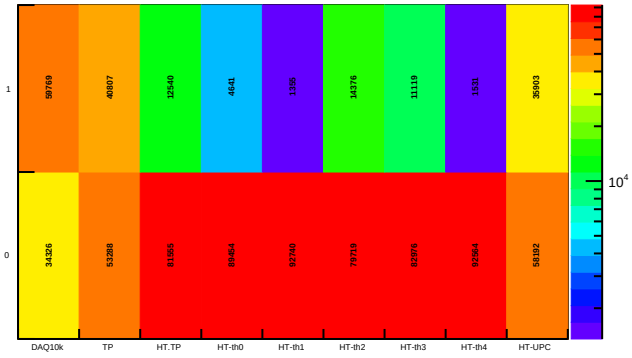

EM201-BC103
Entries 846855
1
0
59910
41597
13312
4456
1672
13294
10211
1602
36107
35085
52498
80733
88639
92523
80801
83884
92493
57988
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC103Diff
Entries 118283
1
0
-1
55955
27456
9244
1481
530
2381
13956
4221
2461
498
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

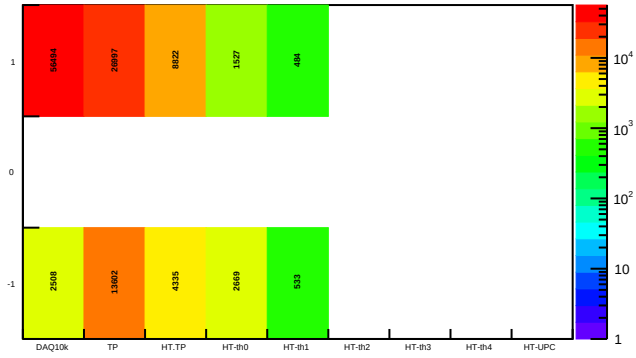

EM201-BC104
Entries 846855
1
0
59007
41468
13190
5140
1640
13472
10484
1572
36701
39088
52627
80905
88955
92455
80623
83601
92523
58394
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC104Diff
Entries 117770
1
0
-1
55614
27341
9045
1533
533
2573
14006
4352
2359
414
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

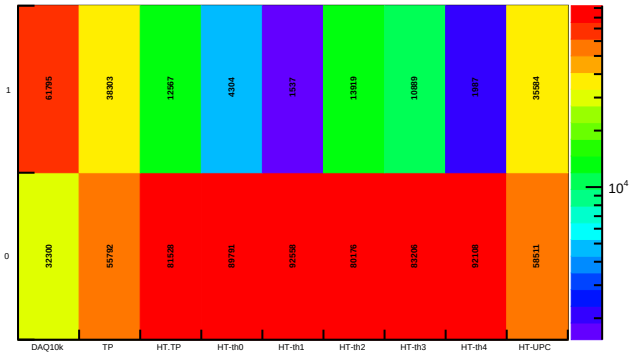
EM201-BC105 Entries 846855



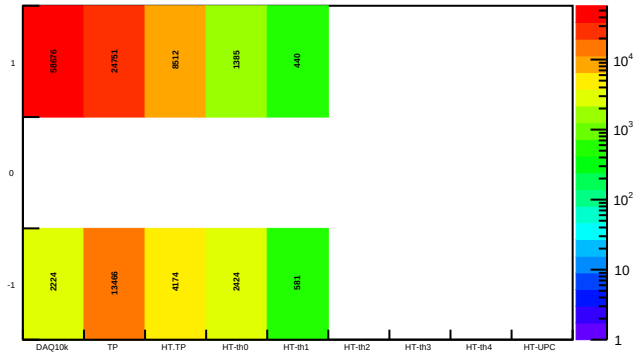
EM201-BC105Diff Entries 117971



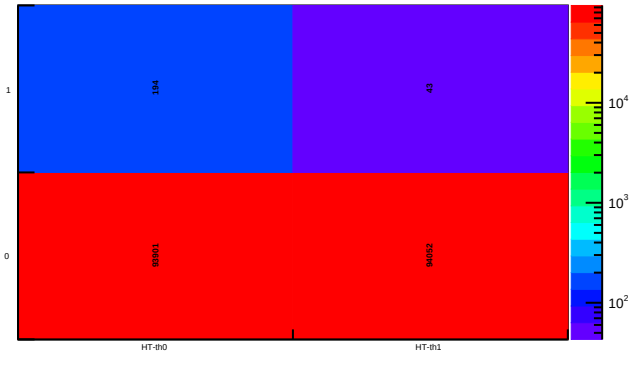
EM201-BC106 Entries 846855



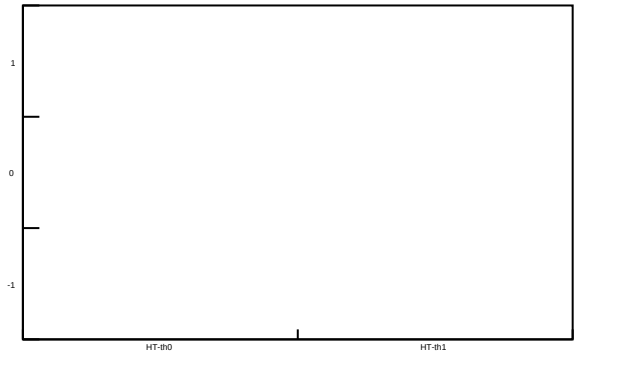
EM201-BC106Diff Entries 116633



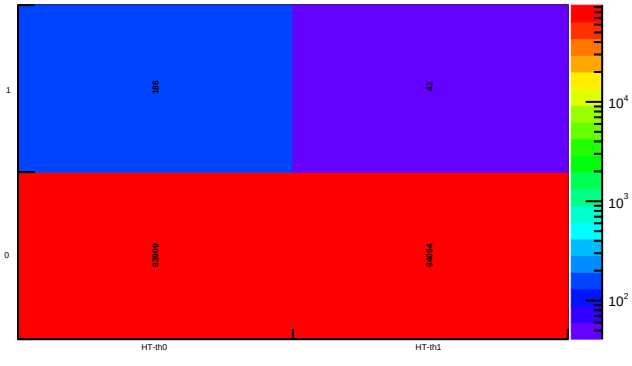
EM201-EE101 Entries 188190



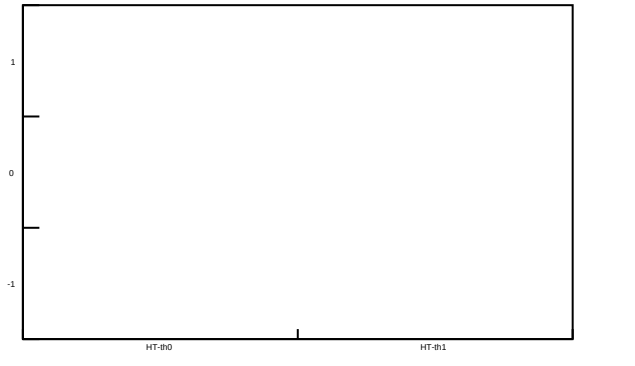
EM201-EE101Diff Entries 0

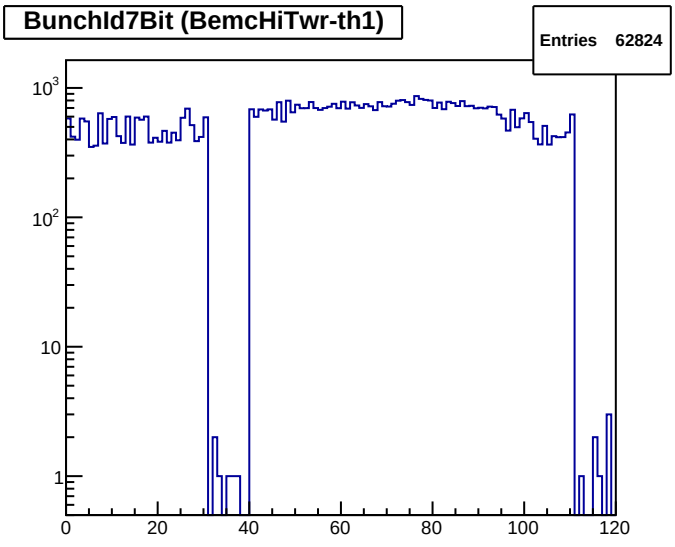


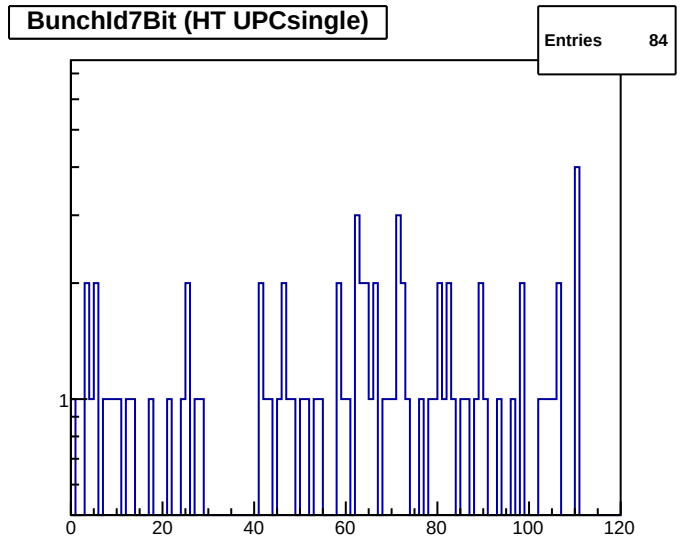
EM201-EE102 Entries 188190

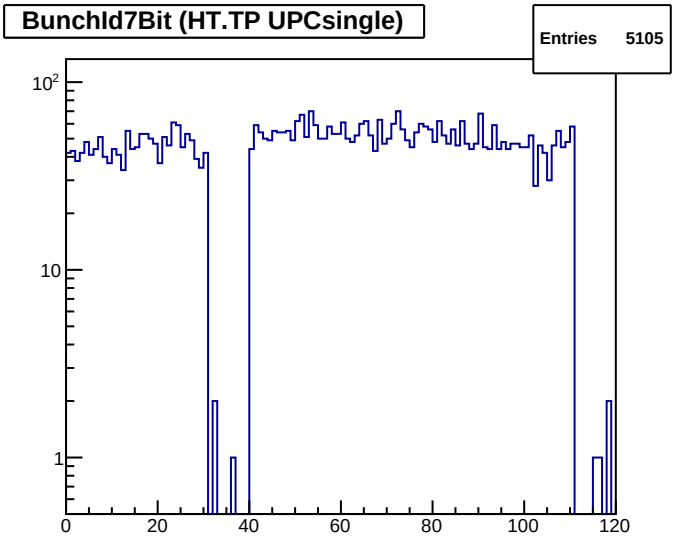


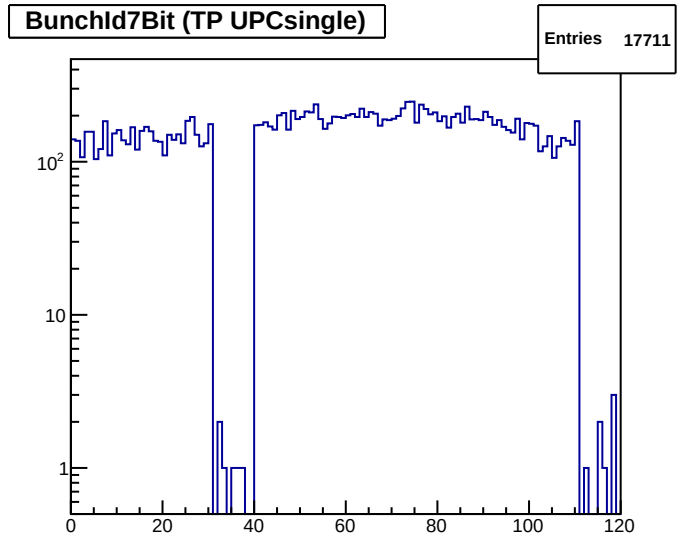
EM201-EE102Diff Entries 0

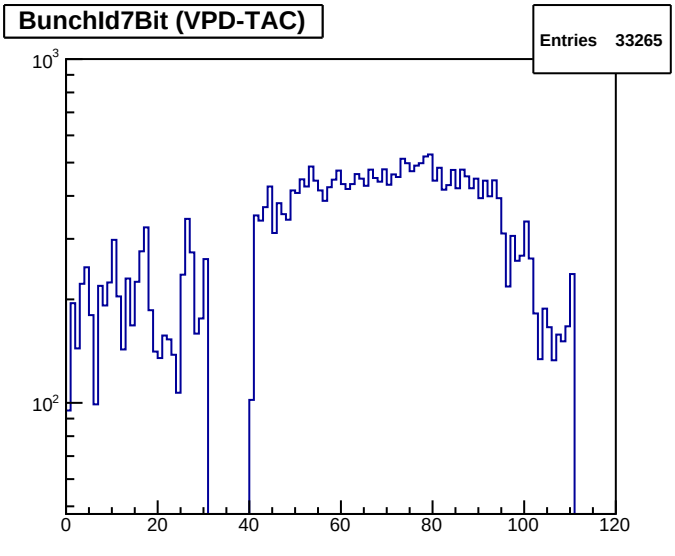


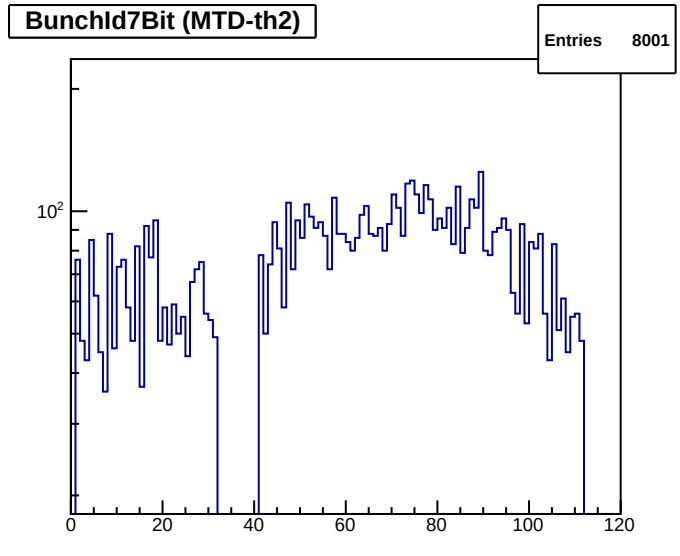

BunchId7Bit (BemcHiTwr-th1)
Entries 62824
10^3
10^2
10
1
0 20 40 60 80 100 120

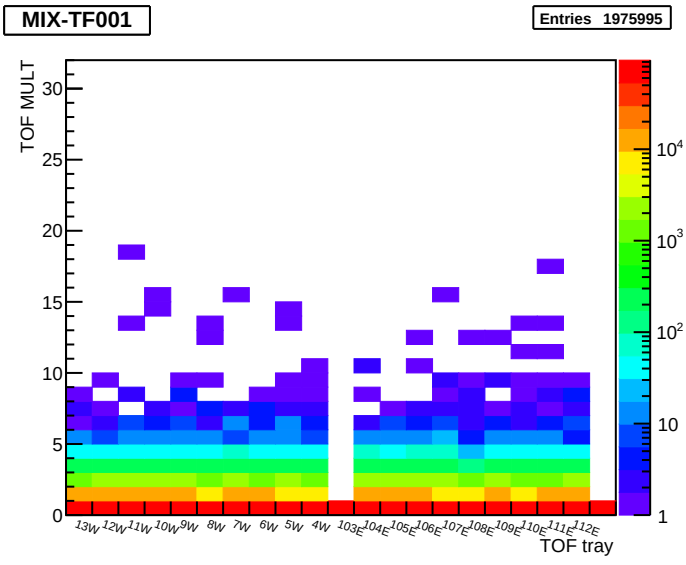

BunchId7Bit (HT UPCsingle)
Entries 84
1
0 20 40 60 80 100 120

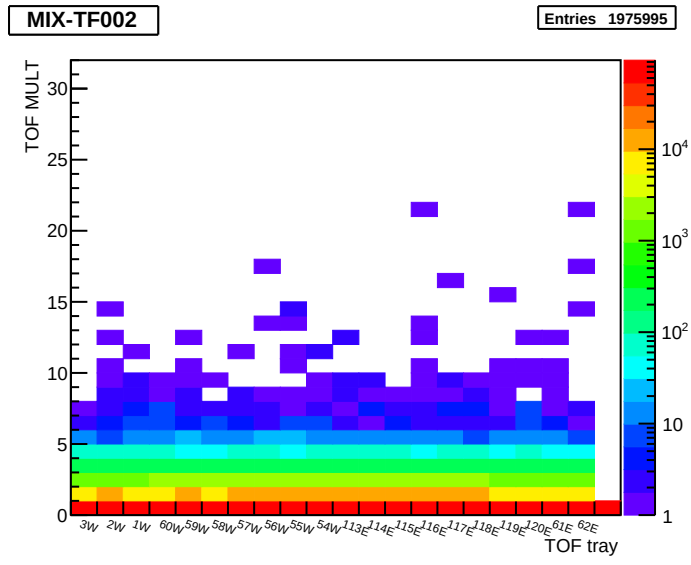

BunchId7Bit (HT.TP UPCsingle)
Entries 5105
10^2
10
1
0 20 40 60 80 100 120

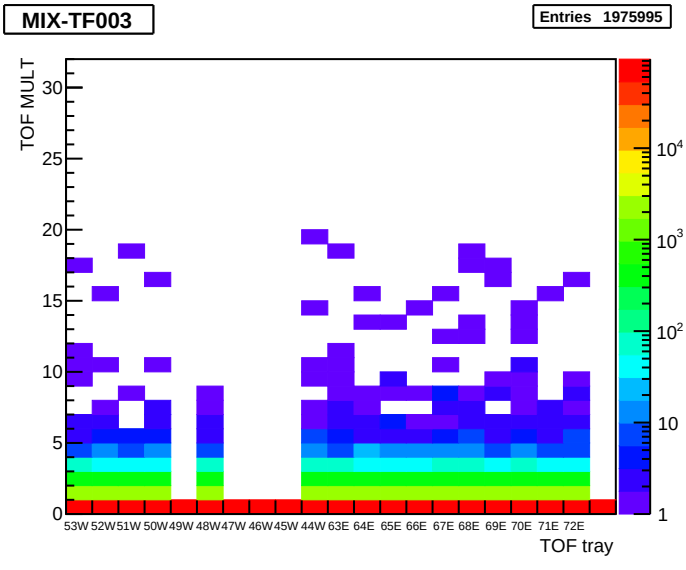

BunchId7Bit (TP UPCsingle)
Entries 17711
10^2
10
1
0 20 40 60 80 100 120

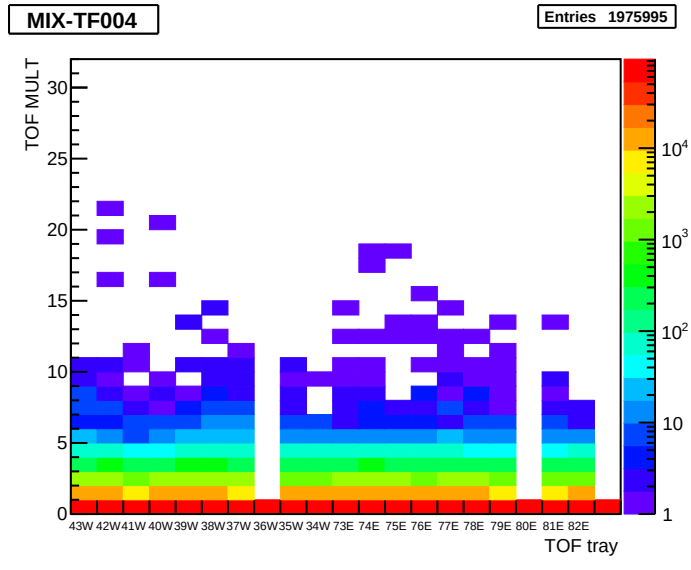

BunchId7Bit (VPD-TAC)
Entries 33265
10^3
10^2
0 20 40 60 80 100 120

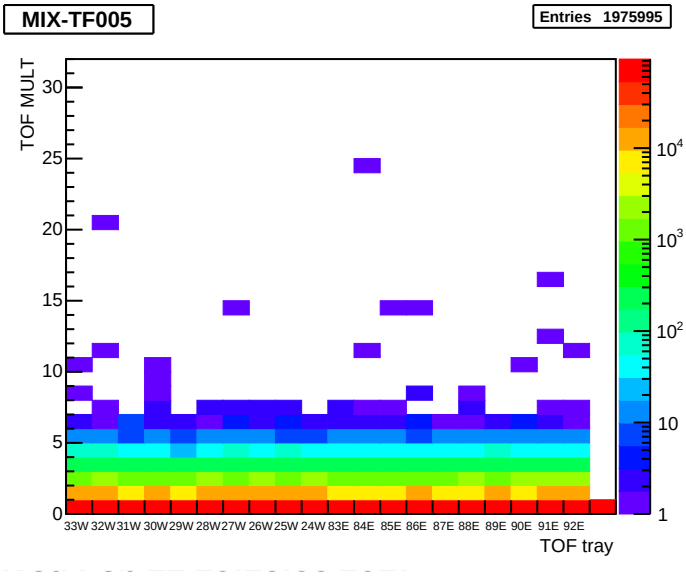

BunchId7Bit (MTD-th2)
Entries 8001
10^2
0 20 40 60 80 100 120

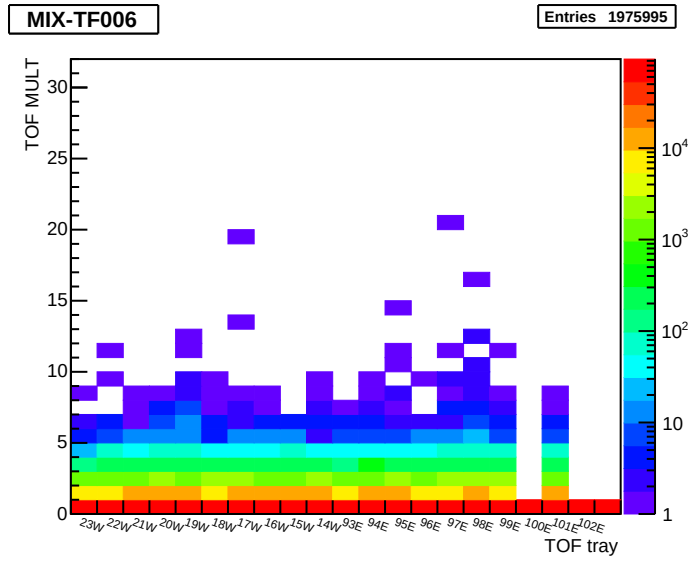

MIX-TF001
Entries 1975995
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

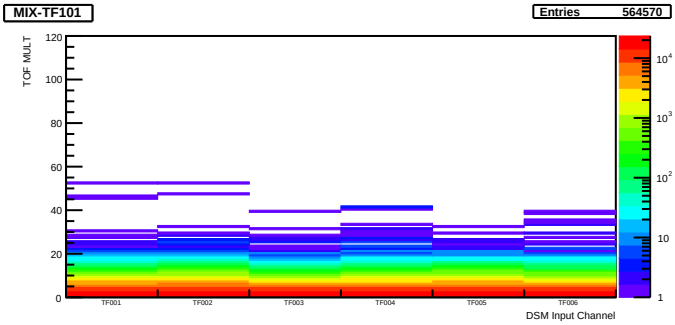

MIX-TF002
Entries 1975995
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

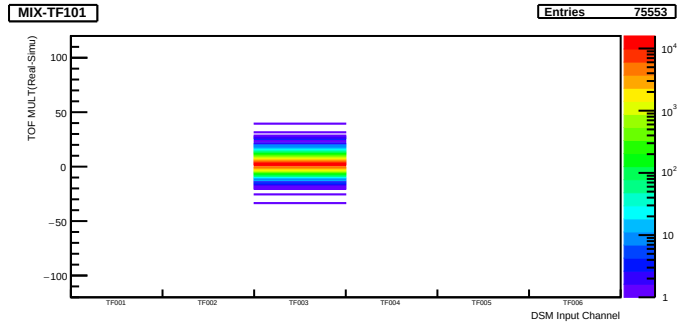

MIX-TF003
Entries 1975995
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

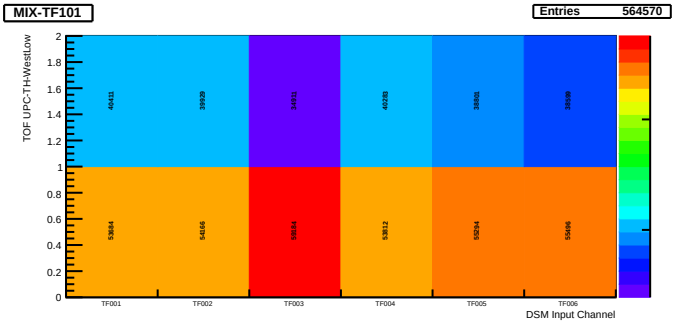

MIX-TF004
Entries 1975995
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

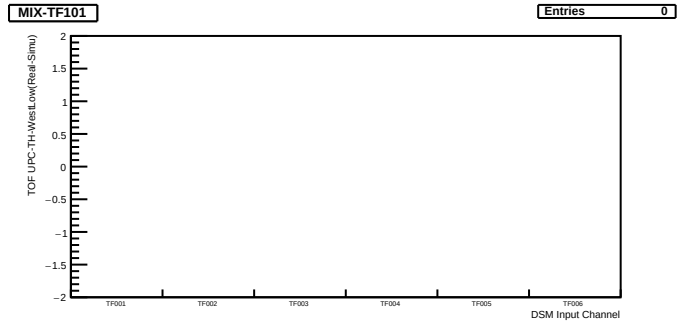

MIX-TF005
Entries 1975995
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

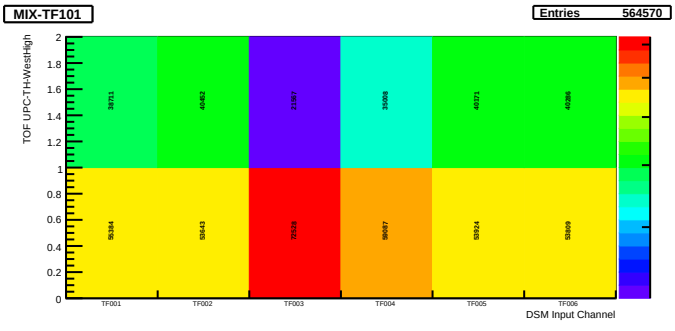

MIX-TF006
Entries 1975995
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

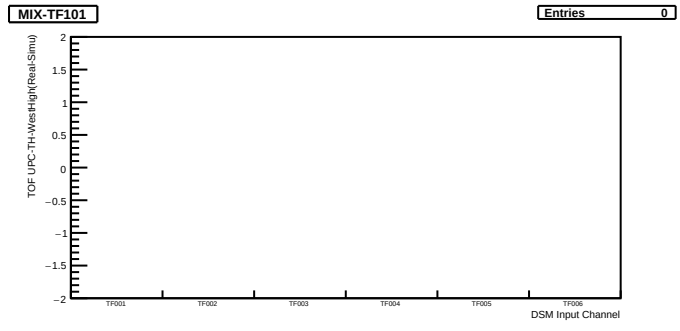

MIX-TF101
Entries 564570
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

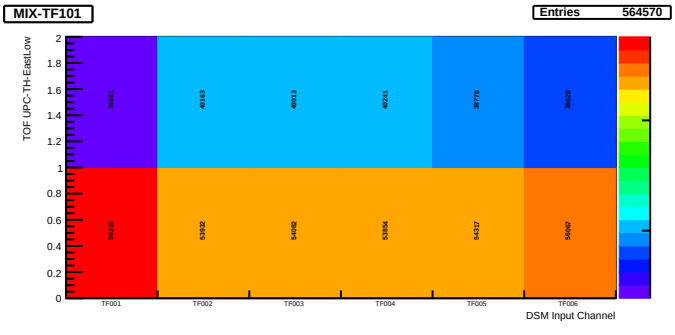

MIX-TF101
Entries 75553
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

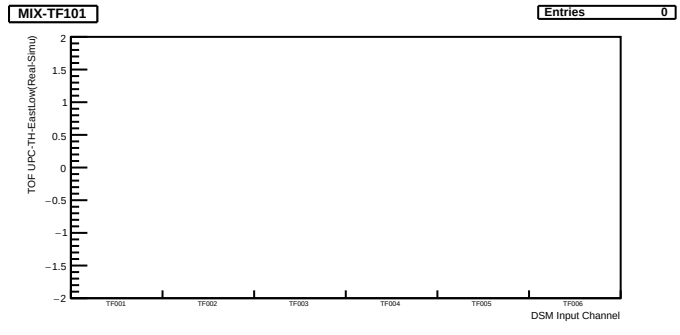

MIX-TF101
Entries 564570
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

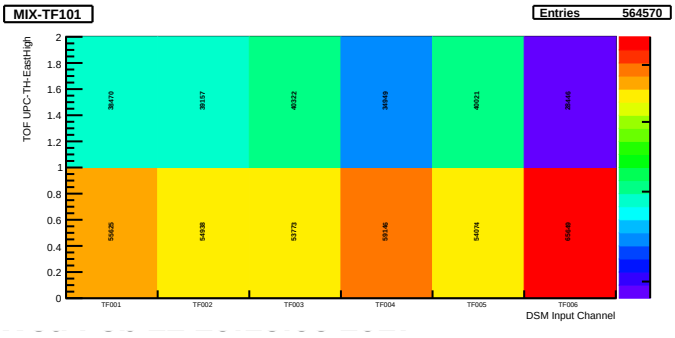

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

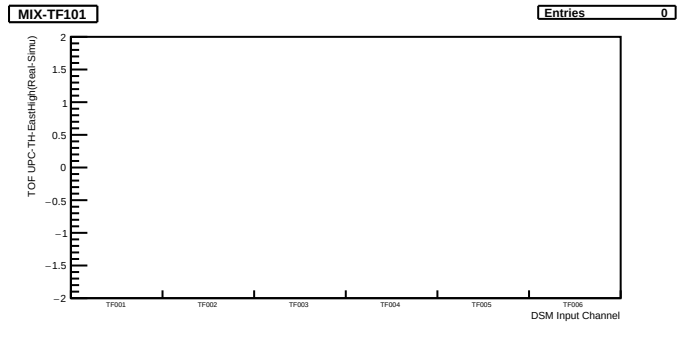

MIX-TF101
Entries 564570
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

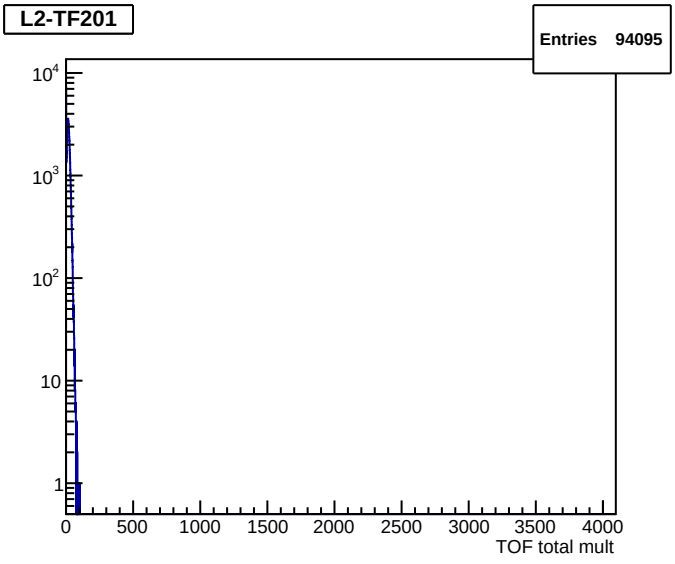

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

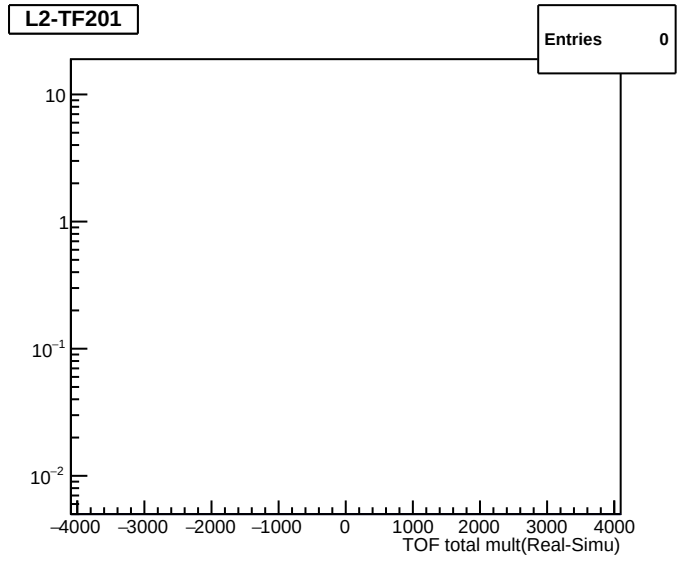

MIX-TF101
Entries 564570
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

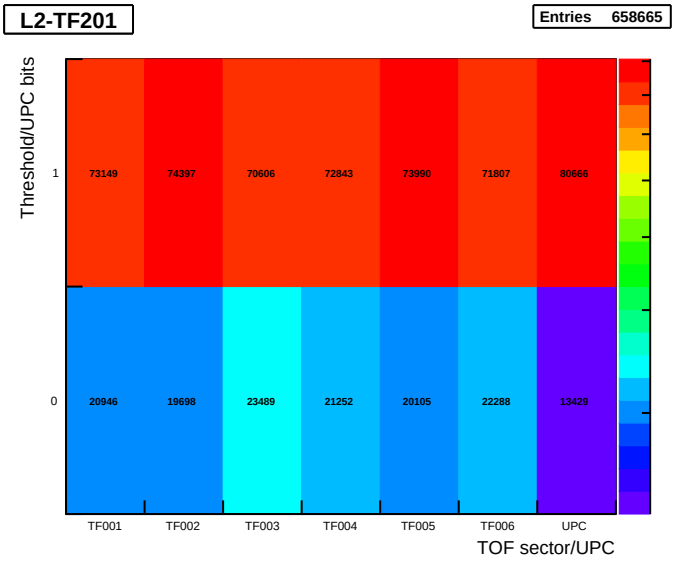

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

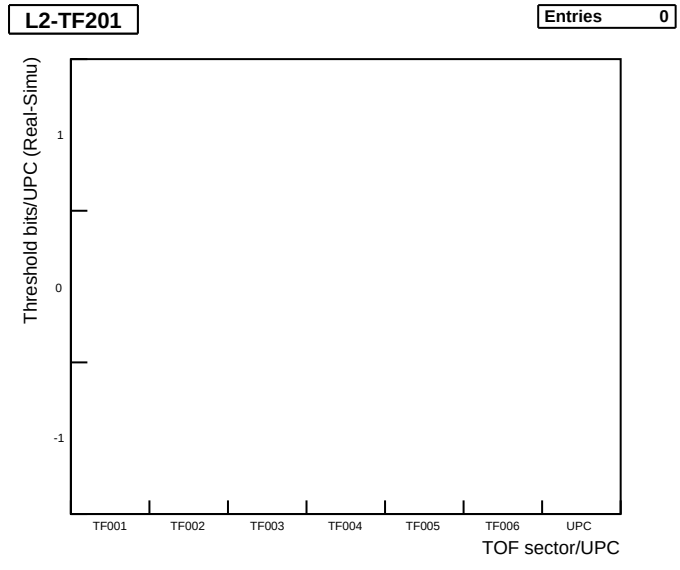

MIX-TF101
Entries 564570
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

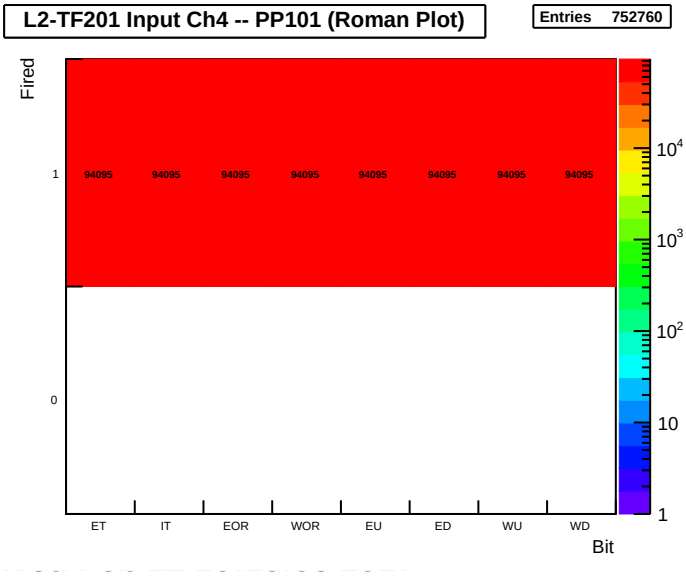

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

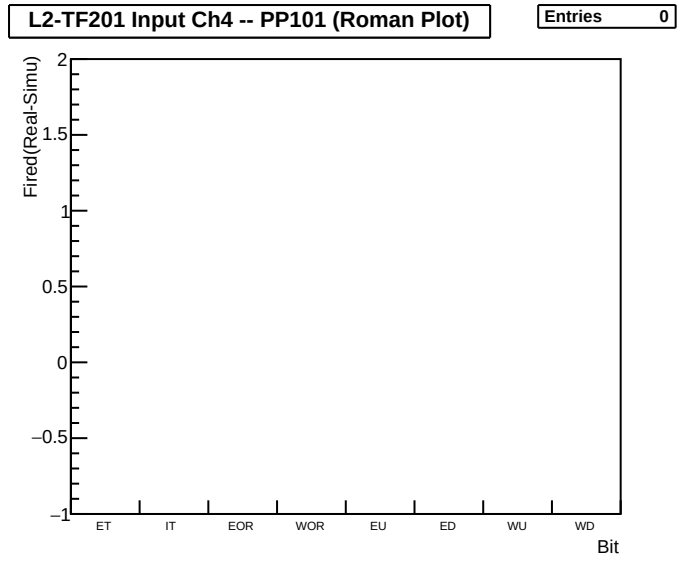

L2-TF201
Entries 94095
TOF total mult

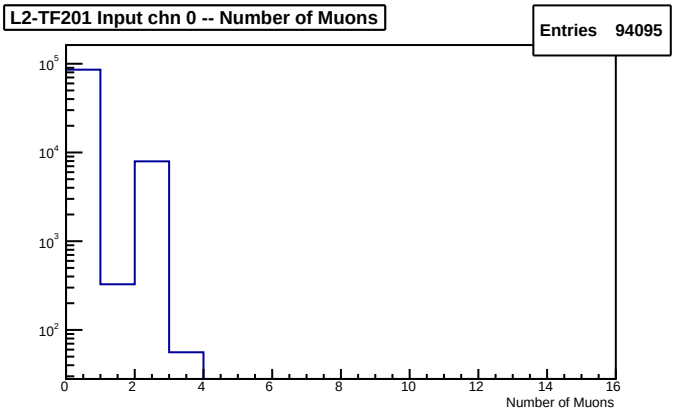

L2-TF201
Entries 0
TOF total mult(Real-Simu)

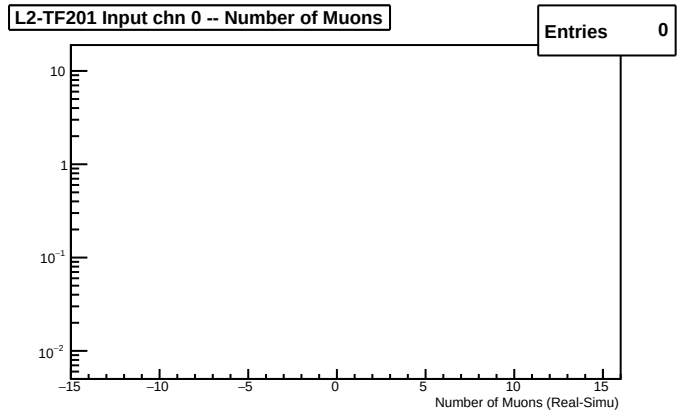

L2-TF201
Entries 658665
Threshold/UPC bits
73149
74397
70606
72843
73990
71807
80666
20946
19698
23489
21252
20105
22288
13429
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

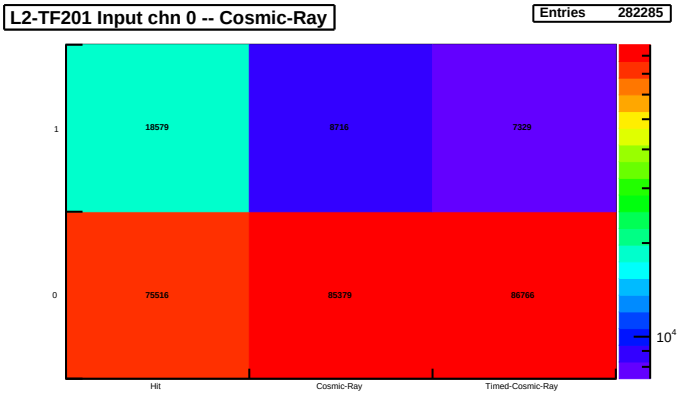

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

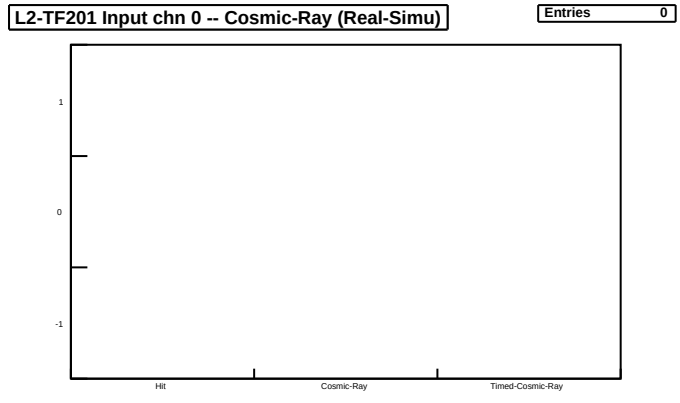

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 752760
Fired
94095
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

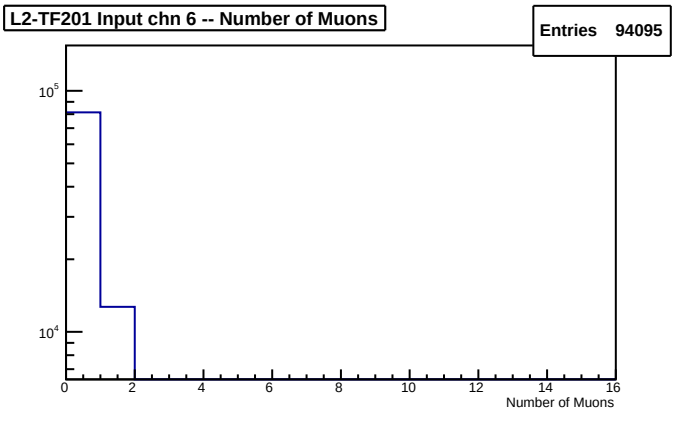

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

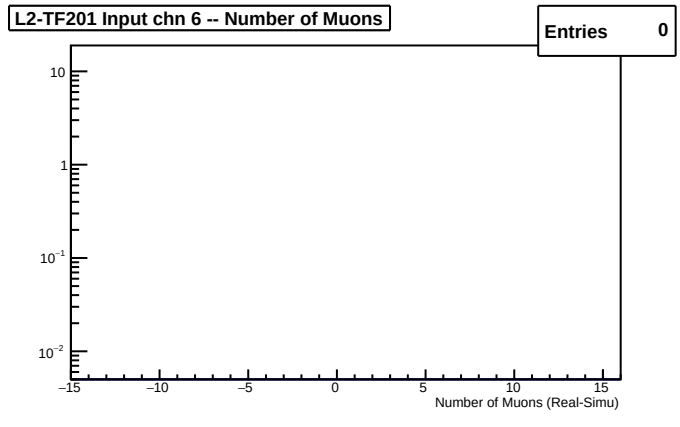

L2-TF201 Input chn 0 -- Number of Muons
Entries 94095
Number of Muons

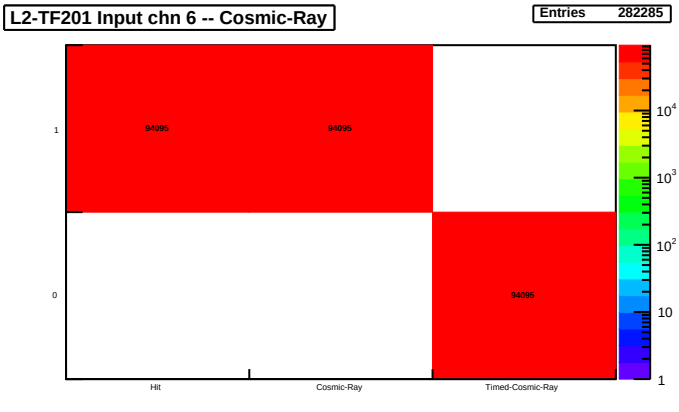

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

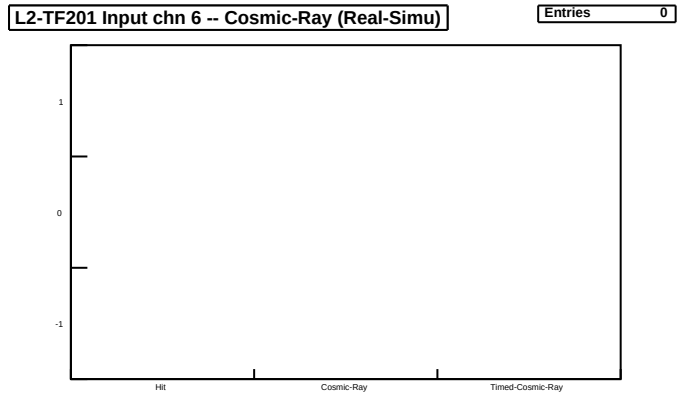

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 282285
18579
8716
7329
75516
85379
86766
Hit
Cosmic-Ray
Timed-Cosmic-Ray

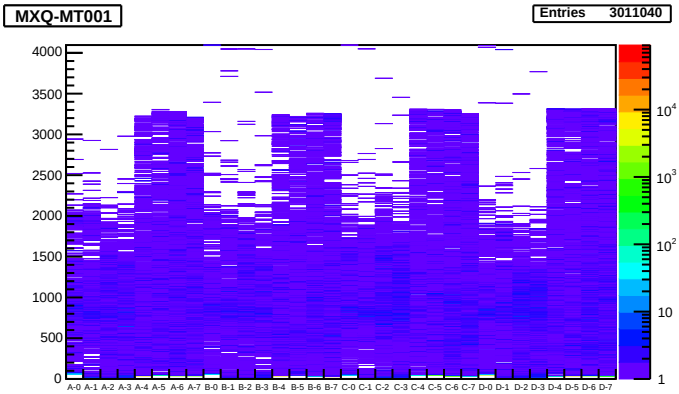

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

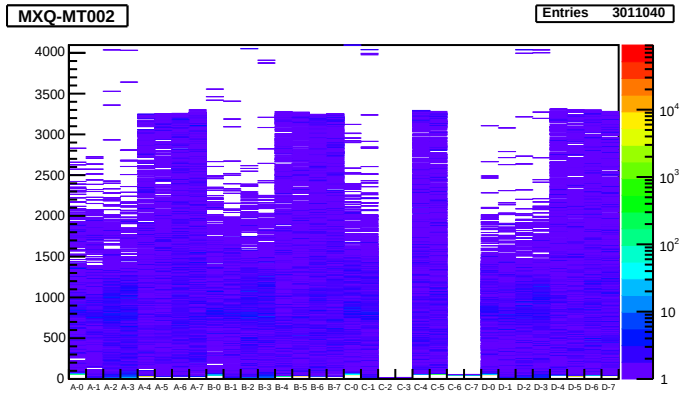

L2-TF201 Input chn 6 -- Number of Muons
Entries 94095
Number of Muons

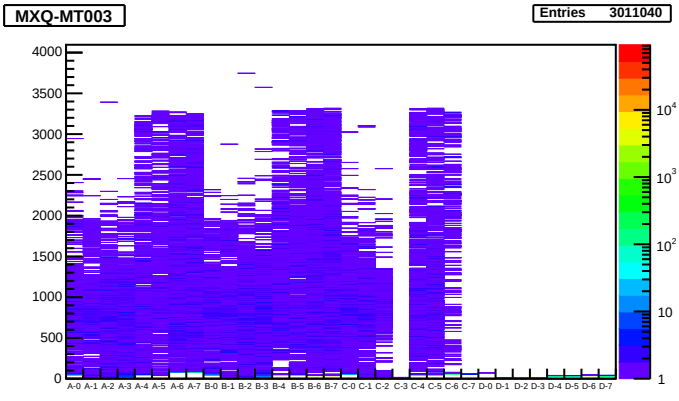

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

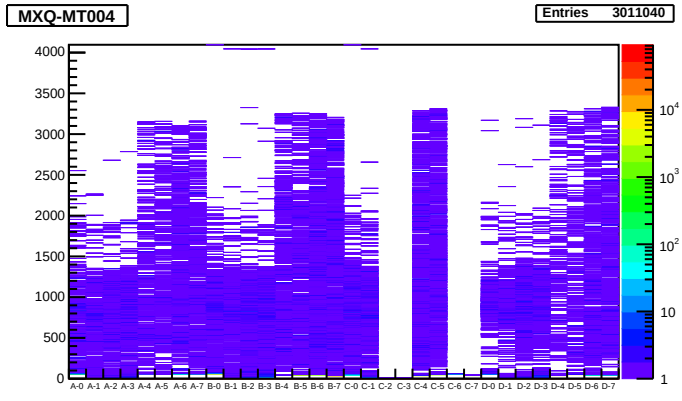

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 282285
94095
94095
94095
Hit
Cosmic-Ray
Timed-Cosmic-Ray

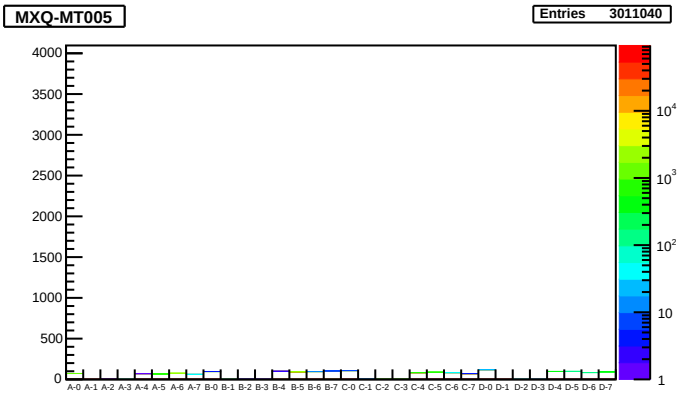

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

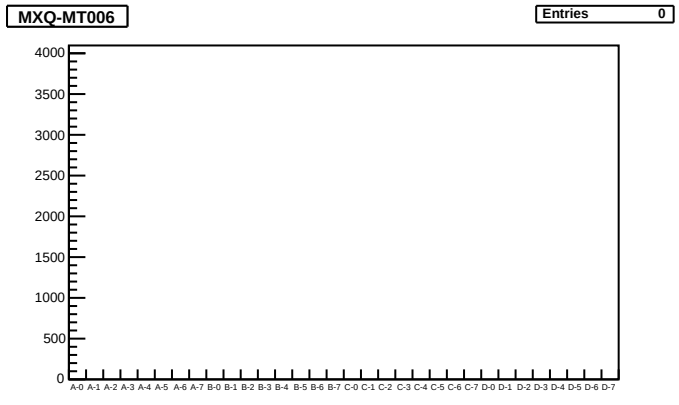

MXQ-MT001
Entries 3011040

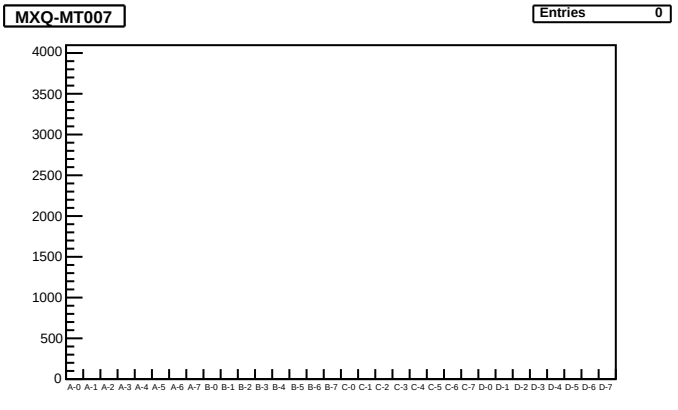

MXQ-MT002
Entries 3011040

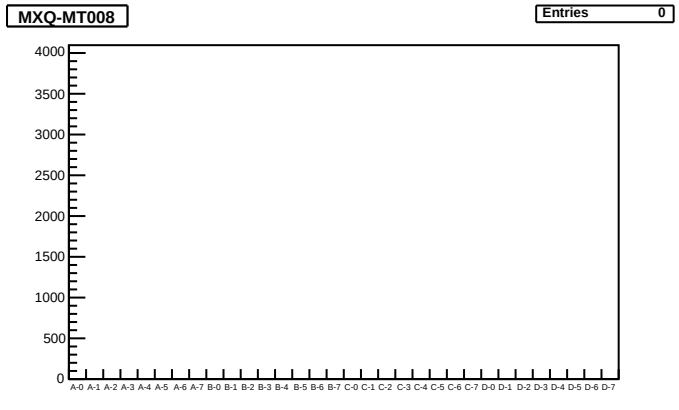

MXQ-MT003
Entries 3011040

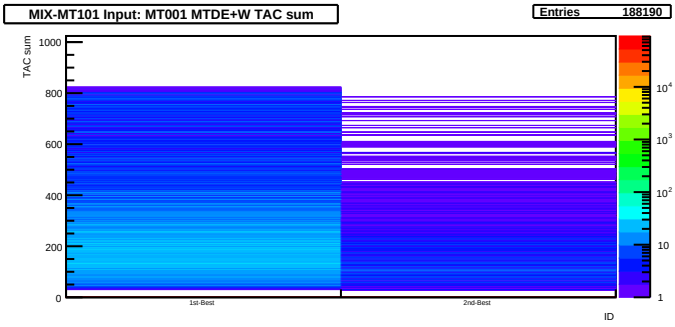

MXQ-MT004
Entries 3011040

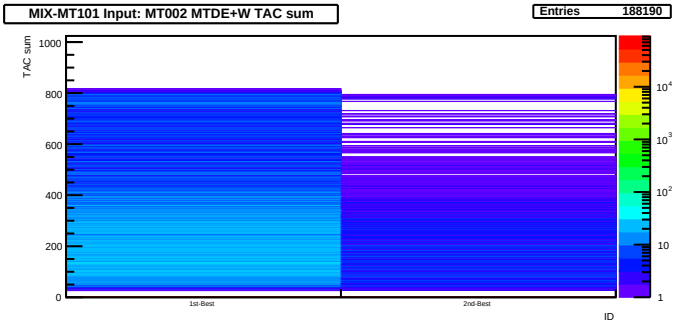

MXQ-MT005
Entries 3011040

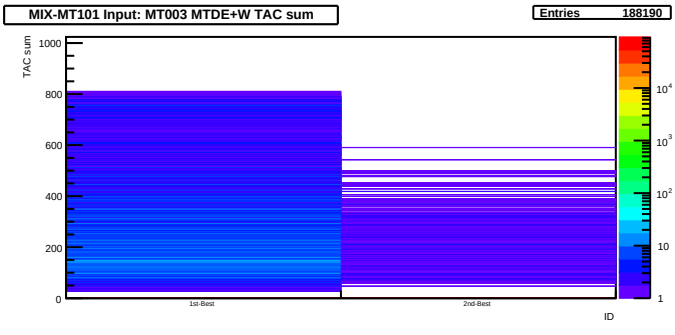

MXQ-MT006
Entries 0

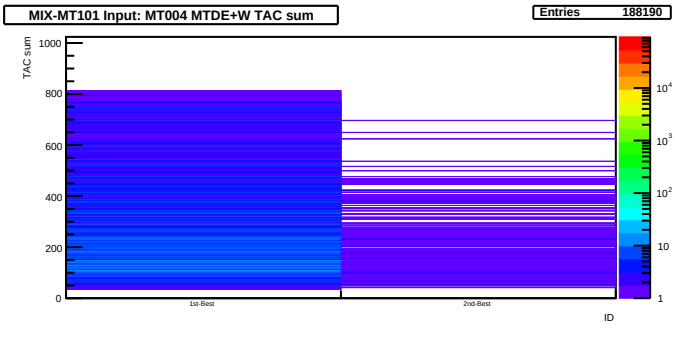

MXQ-MT007
Entries 0

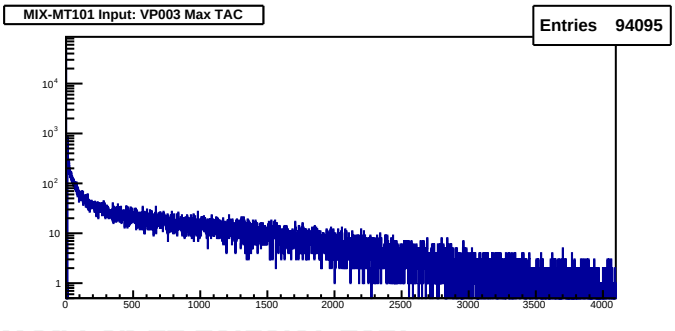

MXQ-MT008
Entries 0

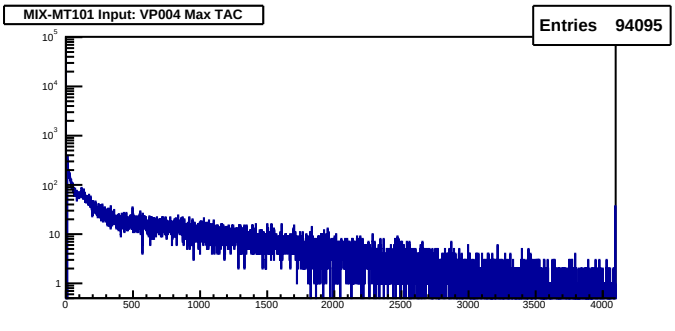

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

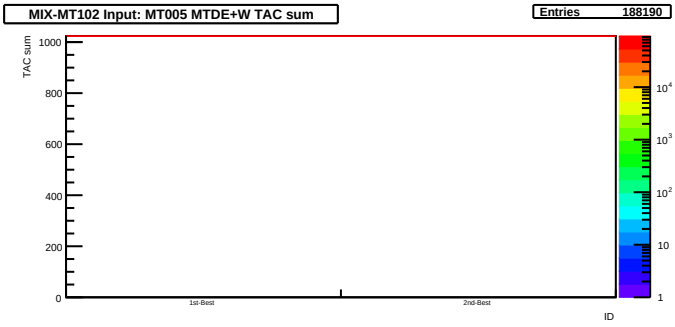

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

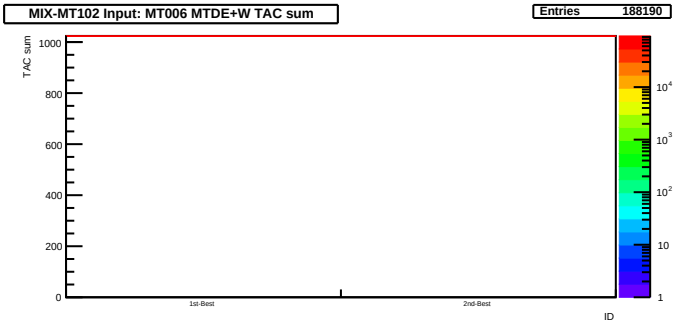

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

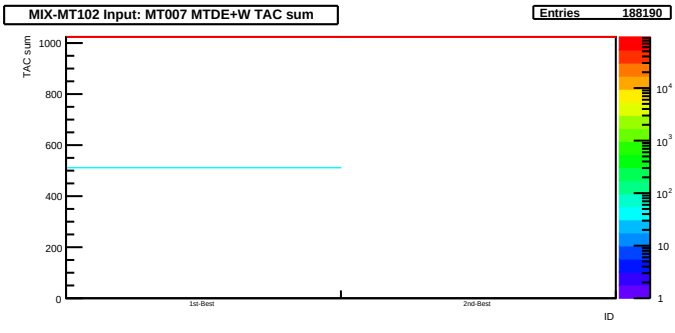

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

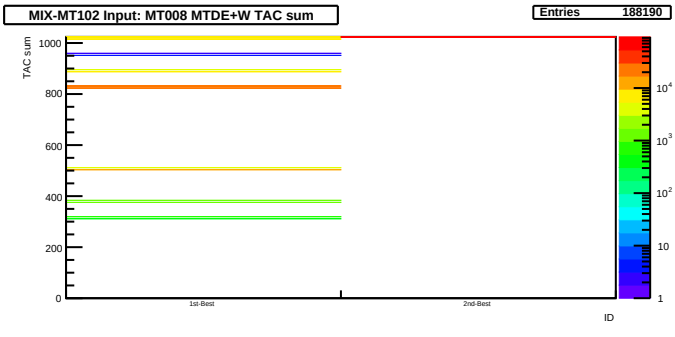

MIX-MT101 Input: VP003 Max TAC
Entries 94095

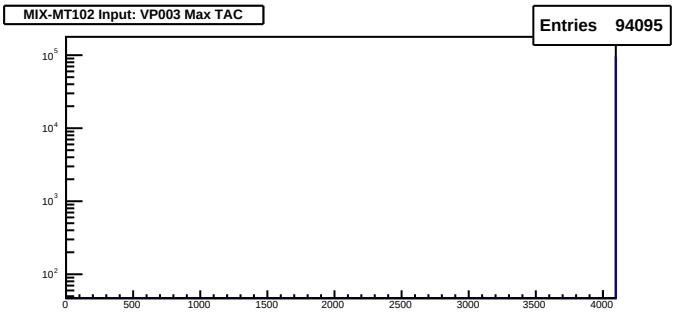

MIX-MT101 Input: VP004 Max TAC
Entries 94095

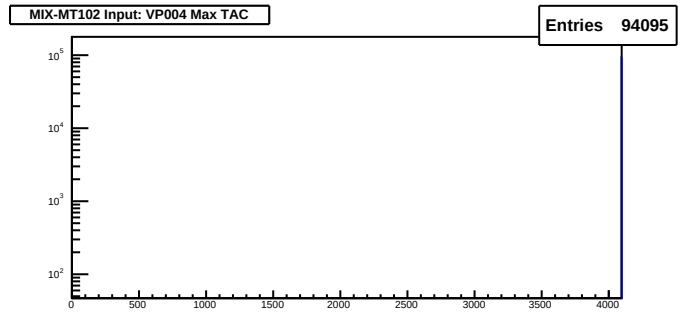

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

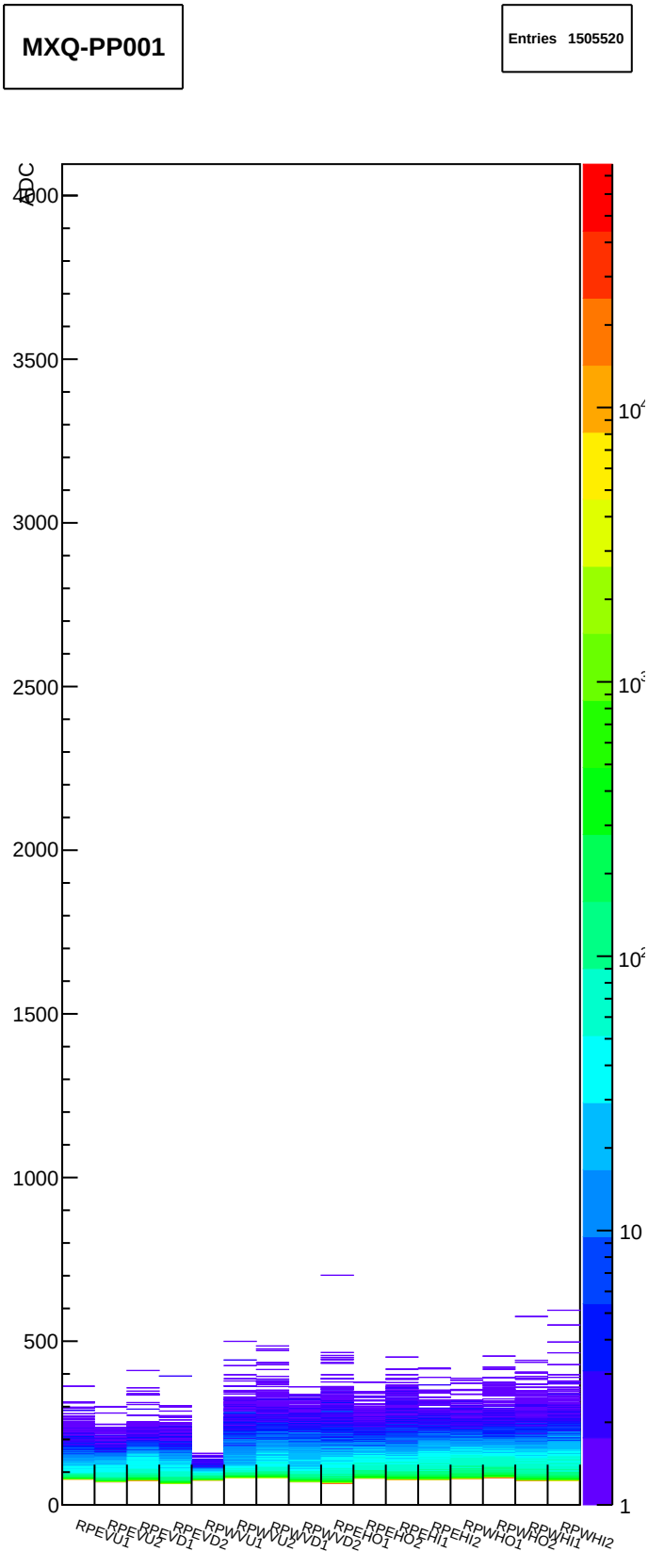

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

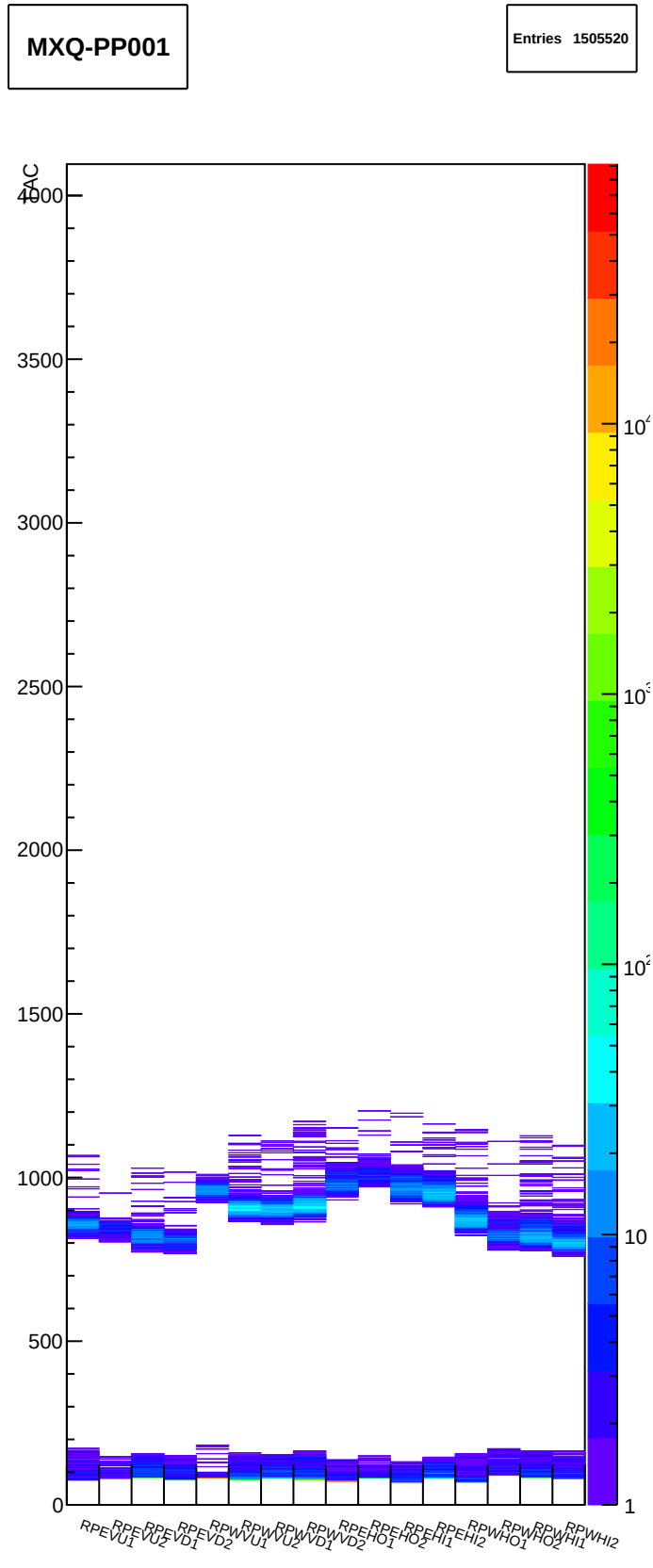

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

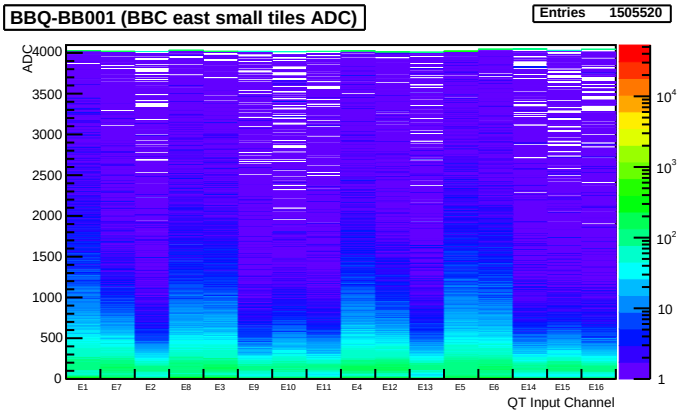

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 188190
TAC sum
1st-Best
2nd-Best
ID

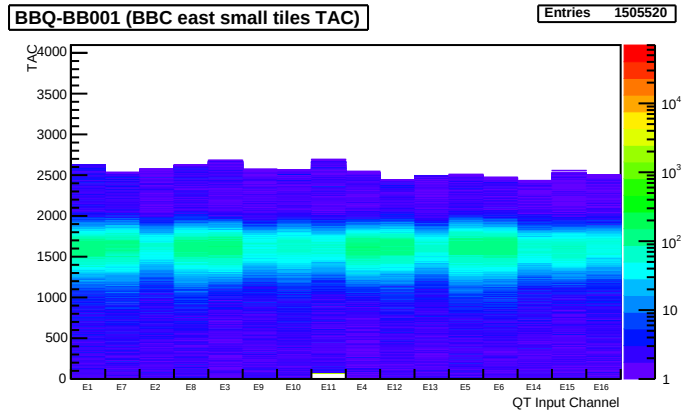

MIX-MT102 Input: VP003 Max TAC
Entries 94095

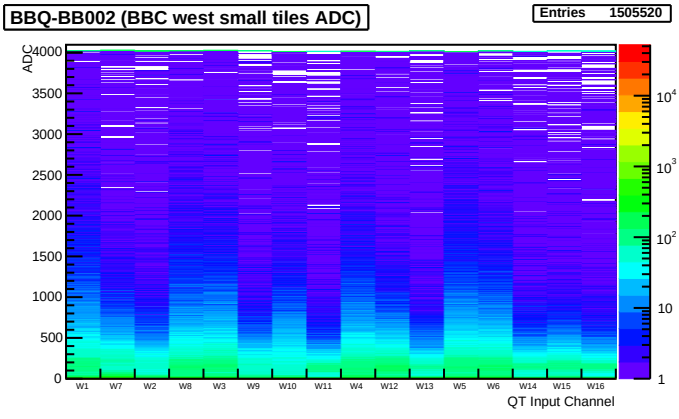

MIX-MT102 Input: VP004 Max TAC
Entries 94095

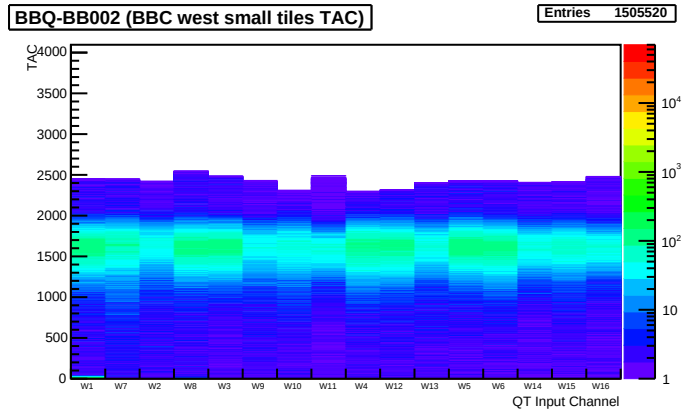

MXQ-PP001
Entries 1505520
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

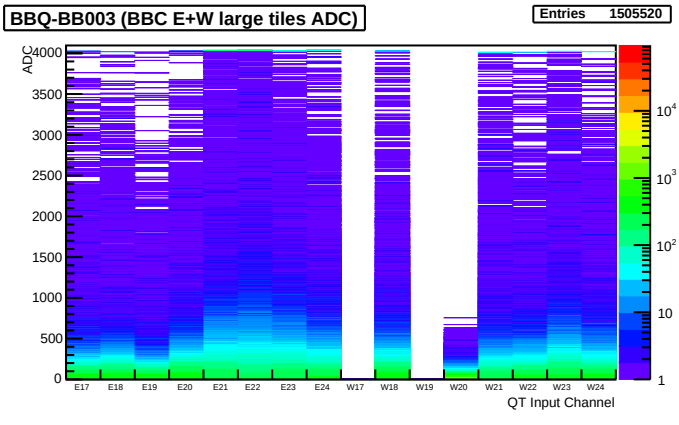

MXQ-PP001
Entries 1505520
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

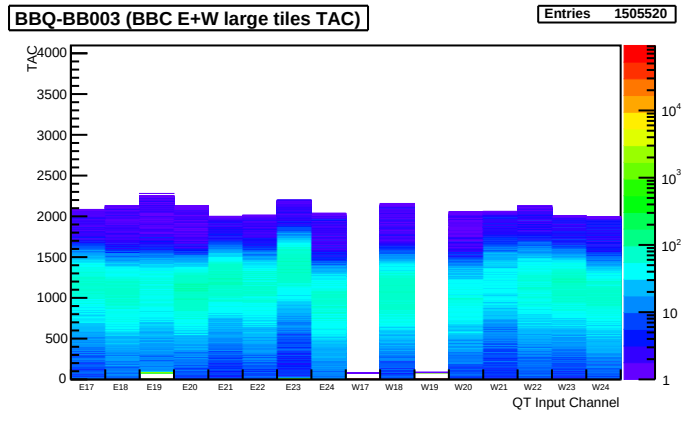

BBQ-BB001 (BBC east small tiles ADC)
Entries 1505520
ADC
QT Input Channel

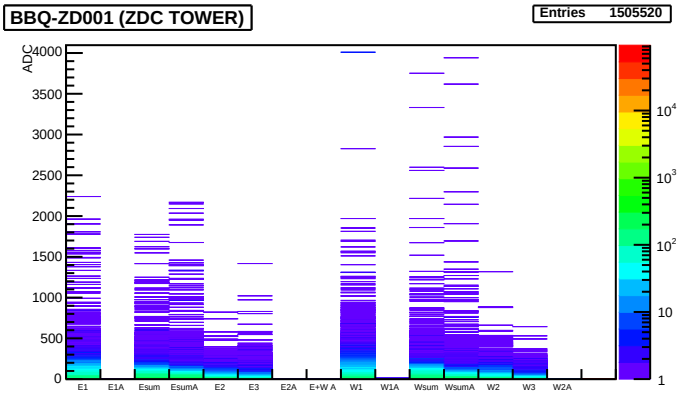

BBQ-BB001 (BBC east small tiles TAC)
Entries 1505520
TAC
QT Input Channel

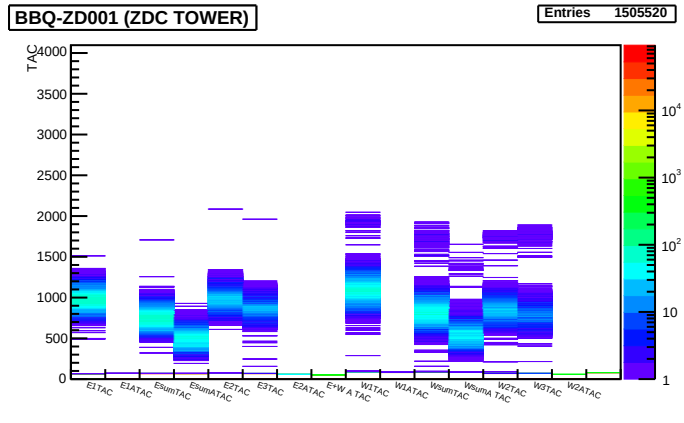

BBQ-BB002 (BBC west small tiles ADC)
Entries 1505520
ADC
QT Input Channel

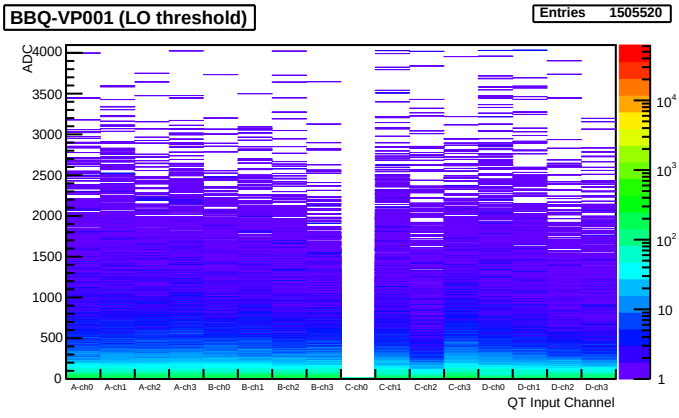

BBQ-BB002 (BBC west small tiles TAC)
Entries 1505520
TAC
QT Input Channel

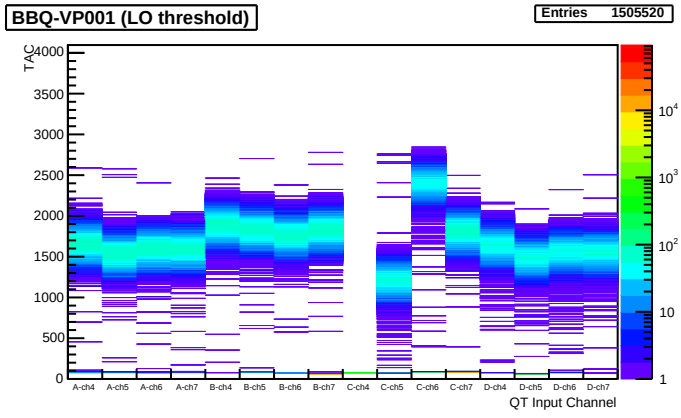

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1505520
ADC
QT Input Channel

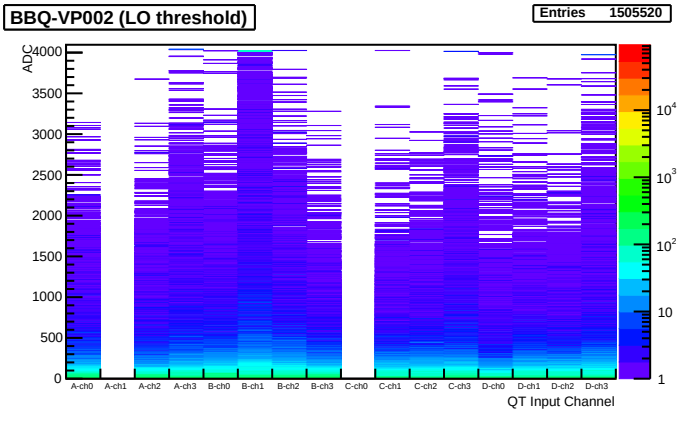

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1505520
TAC
QT Input Channel

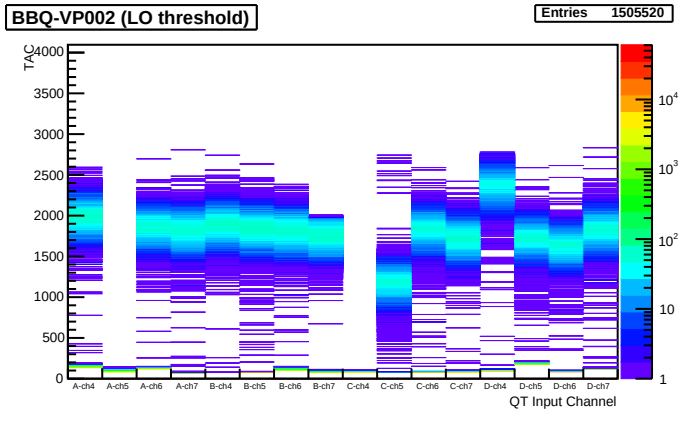

BBQ-ZD001 (ZDC TOWER)
Entries 1505520
ADC

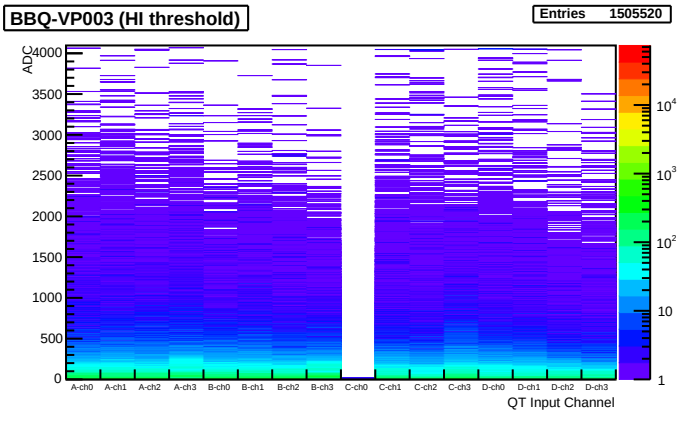

BBQ-ZD001 (ZDC TOWER)
Entries 1505520
TAC

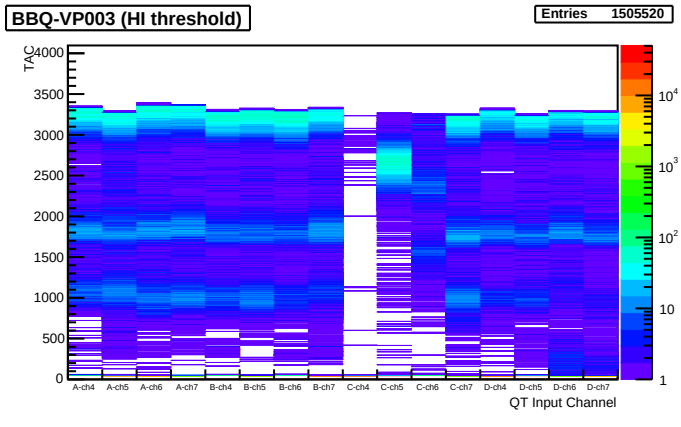

BBQ-VP001 (LO threshold)
Entries 1505520
ADC
QT Input Channel

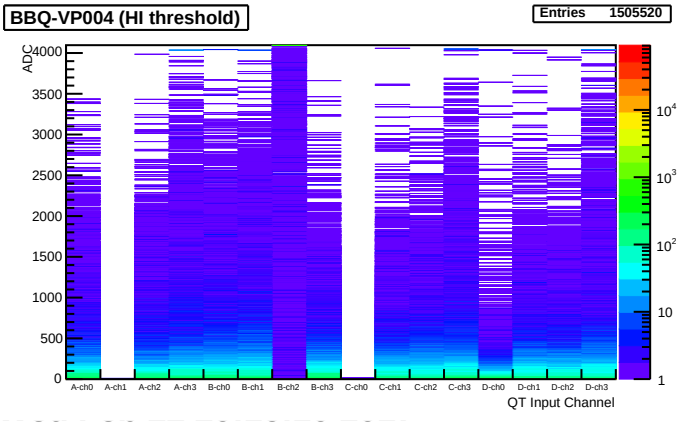

BBQ-VP001 (LO threshold)
Entries 1505520
TAC
QT Input Channel

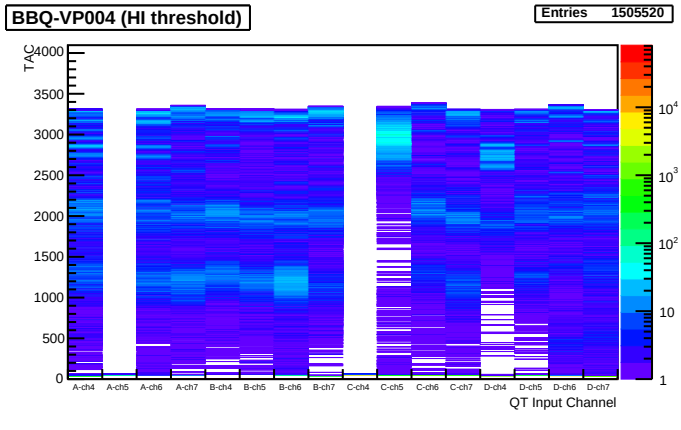

BBQ-VP002 (LO threshold)
Entries 1505520
ADC
QT Input Channel

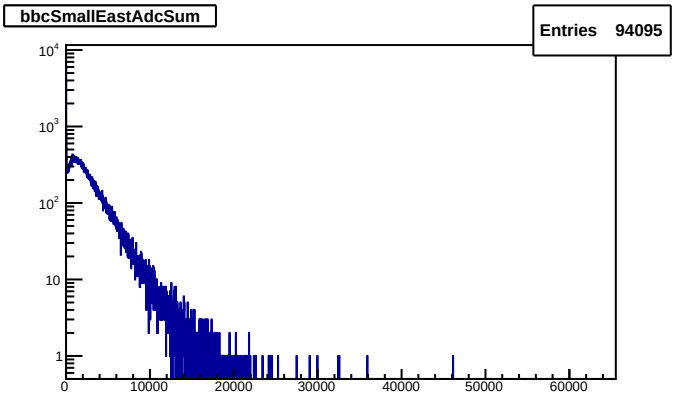

BBQ-VP002 (LO threshold)
Entries 1505520
TAC
QT Input Channel

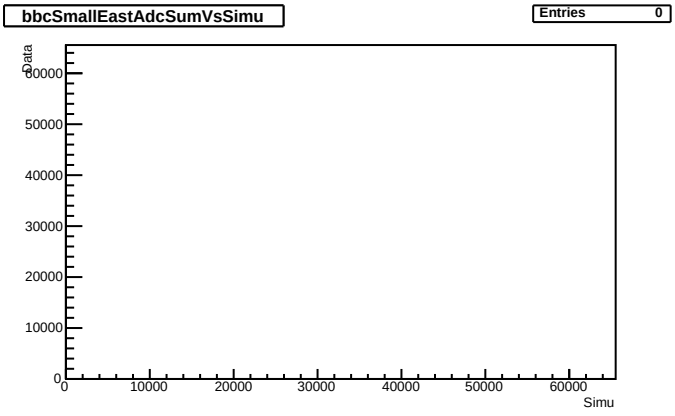

BBQ-VP003 (HI threshold)
Entries 1505520
ADC
QT Input Channel

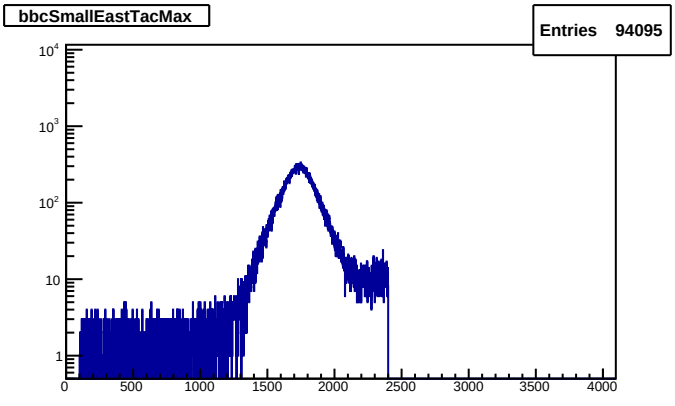

BBQ-VP003 (HI threshold)
Entries 1505520
TAC
QT Input Channel

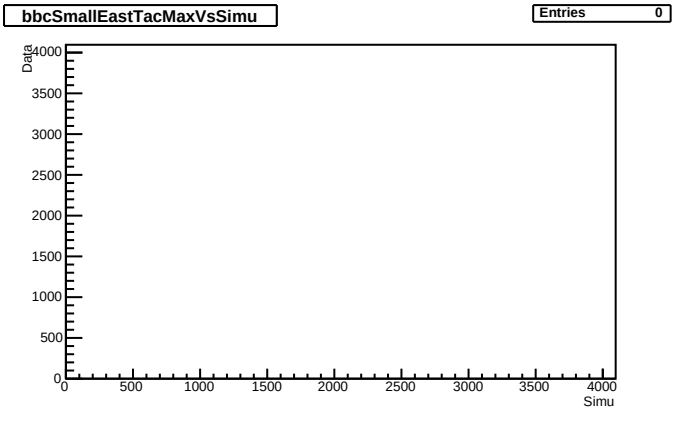

BBQ-VP004 (HI threshold)
Entries 1505520
ADC
QT Input Channel

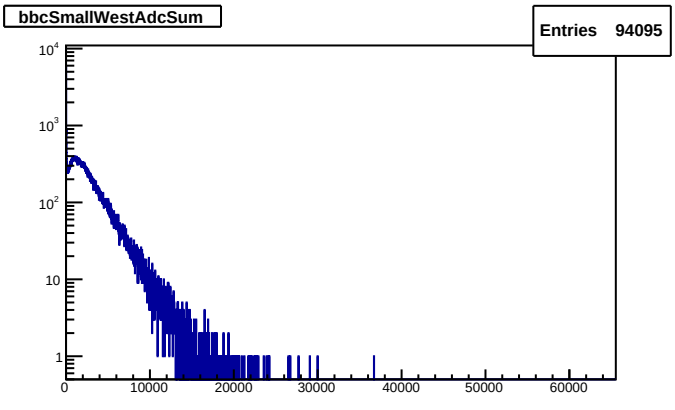

BBQ-VP004 (HI threshold)
Entries 1505520
TAC
QT Input Channel

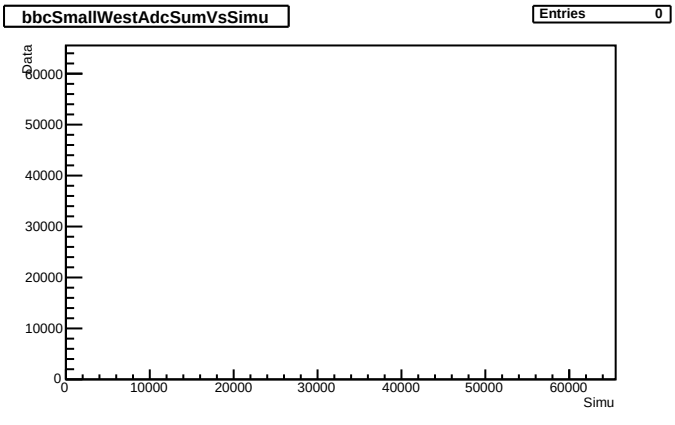

bbcSmallEastAdcSum
Entries 94095

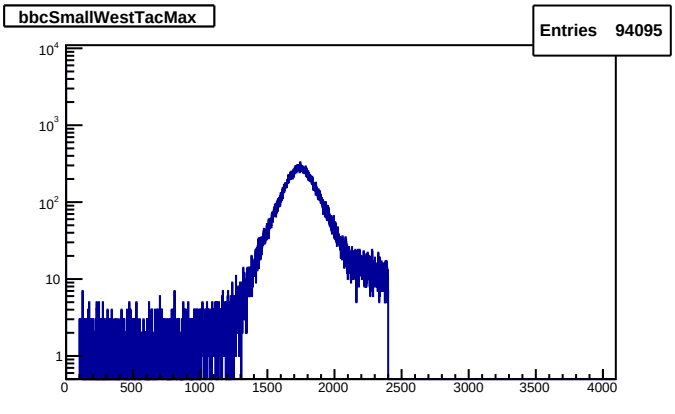

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

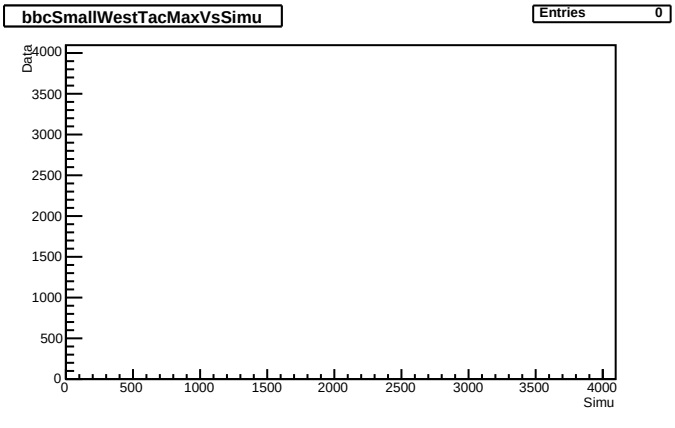

bbcSmallEastTacMax
Entries 94095

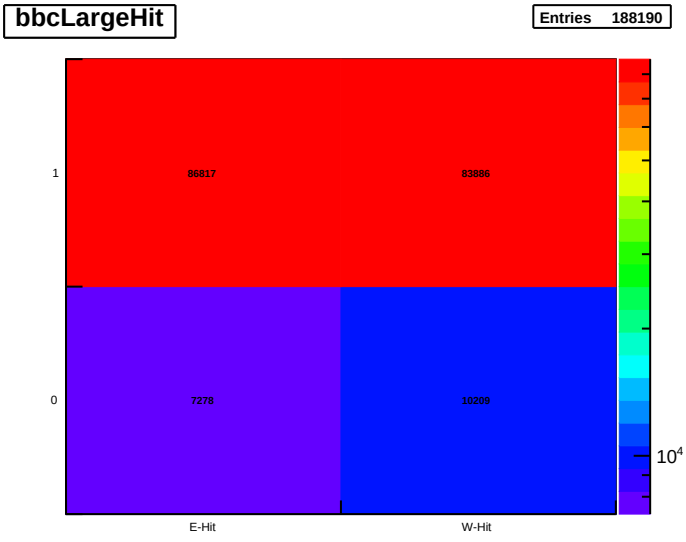

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

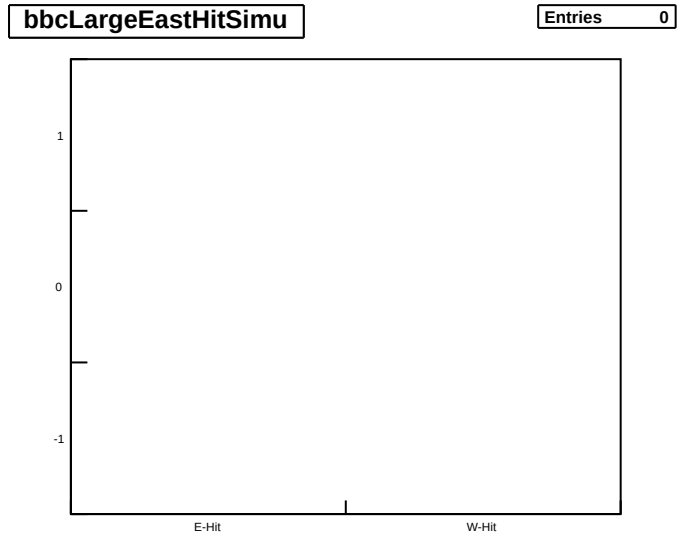

bbcSmallWestAdcSum
Entries 94095

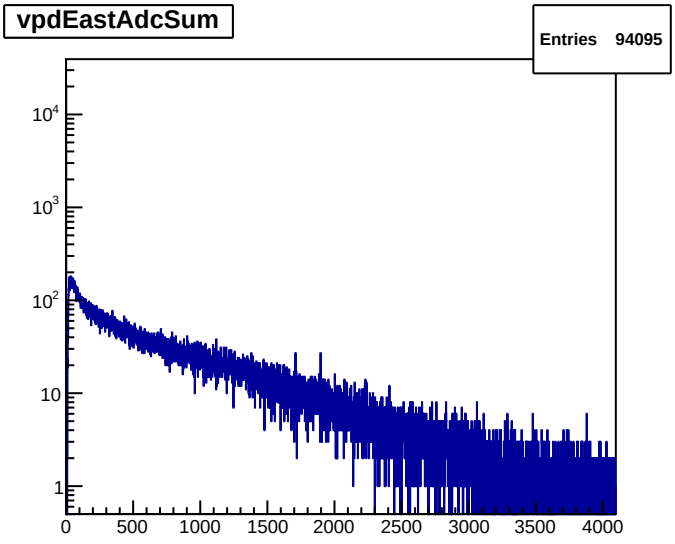

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

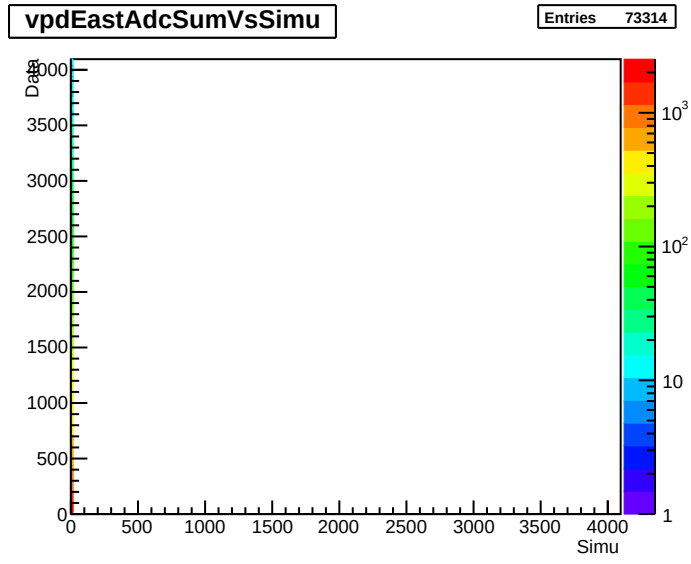

bbcSmallWestTacMax
Entries 94095

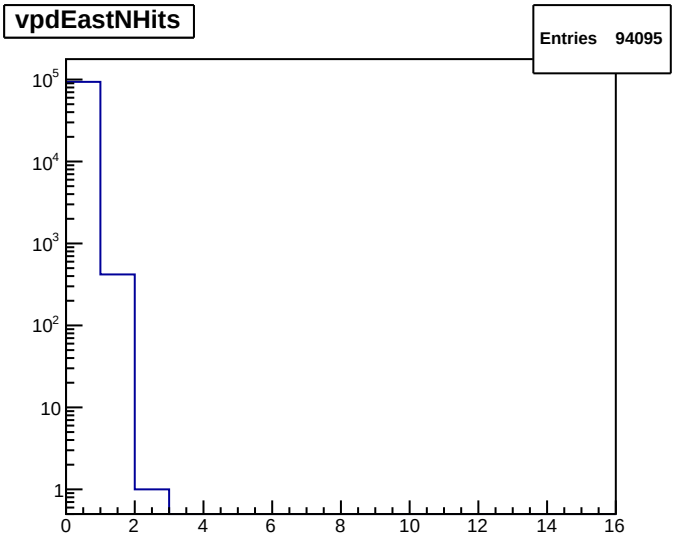

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

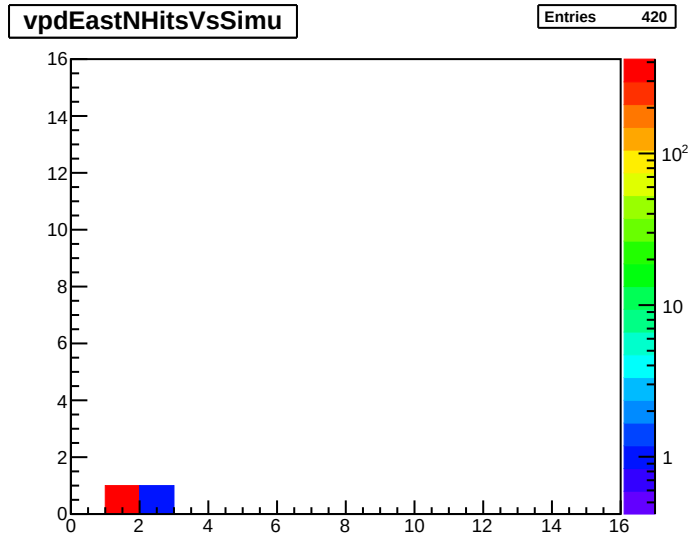

bbcLargeHit
Entries 188190
1
0
86817
83886
7278
10209
10^4
E-Hit
W-Hit

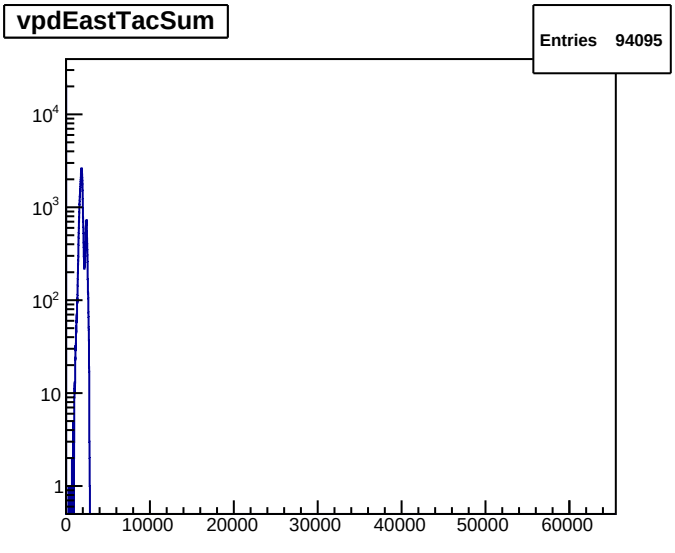

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

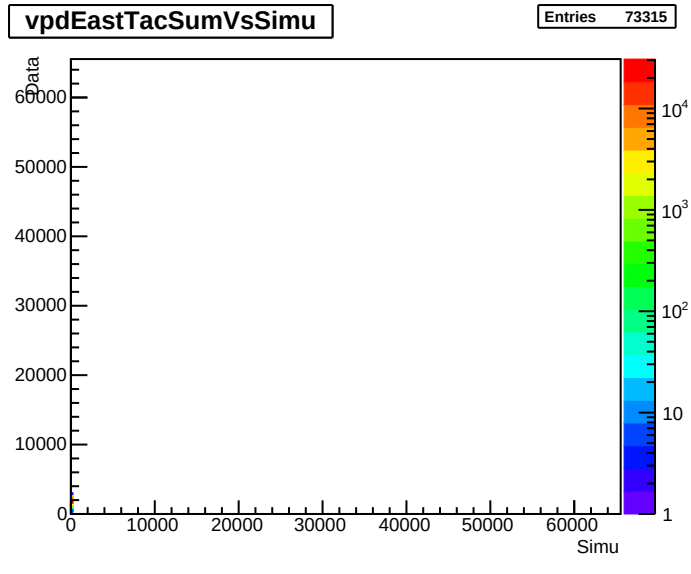

vpdEastAdcSum
Entries 94095

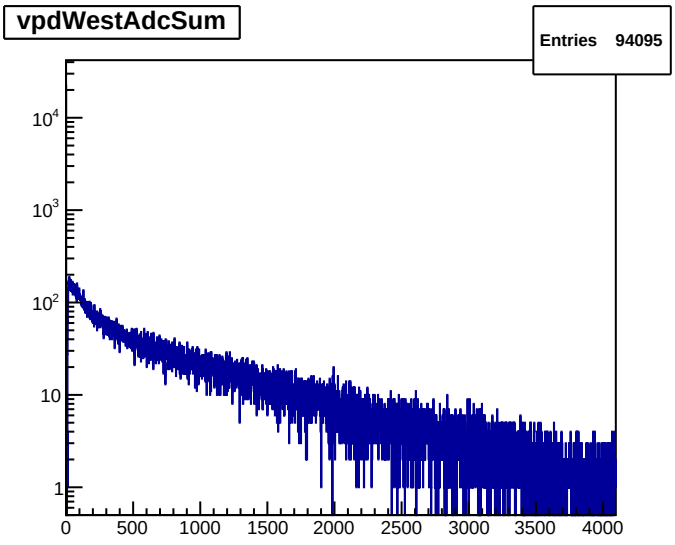

vpdEastAdcSumVsSimu
Entries 73314
Data
Simu

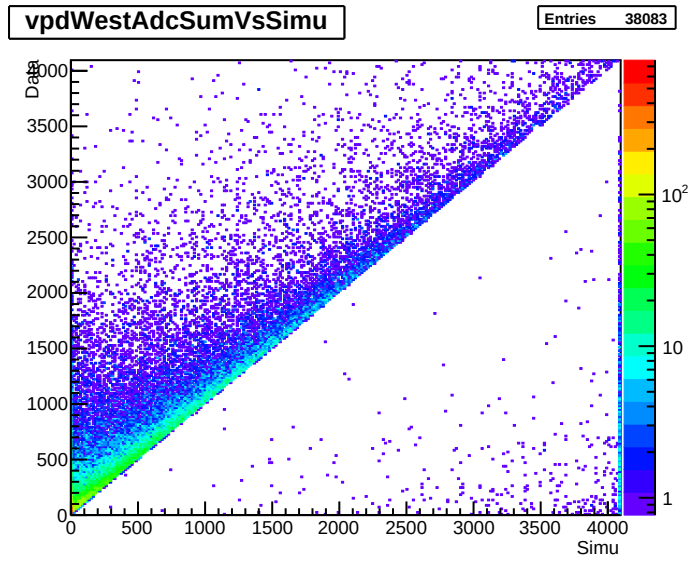

vpdEastNHits
Entries 94095

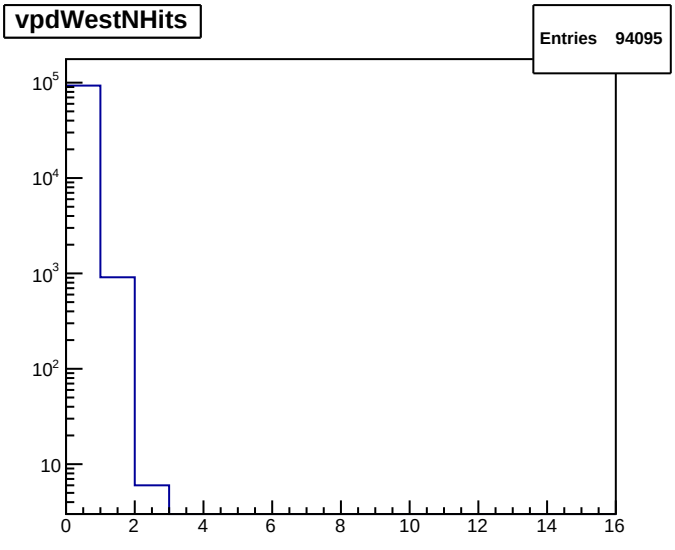

vpdEastNHitsVsSimu
Entries 420

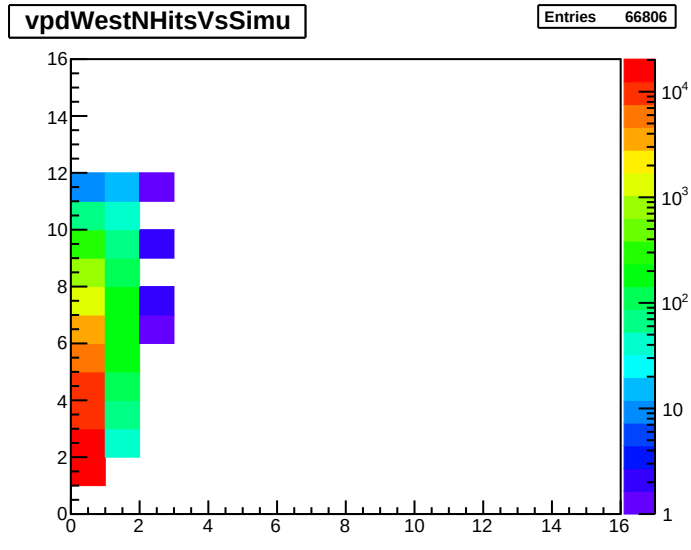

vpdEastTacSum
Entries 94095

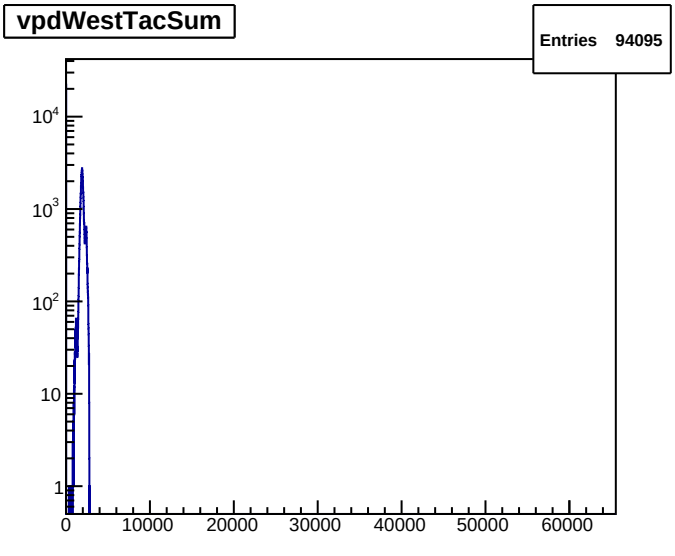

vpdEastTacSumVsSimu
Entries 73315
Data
Simu

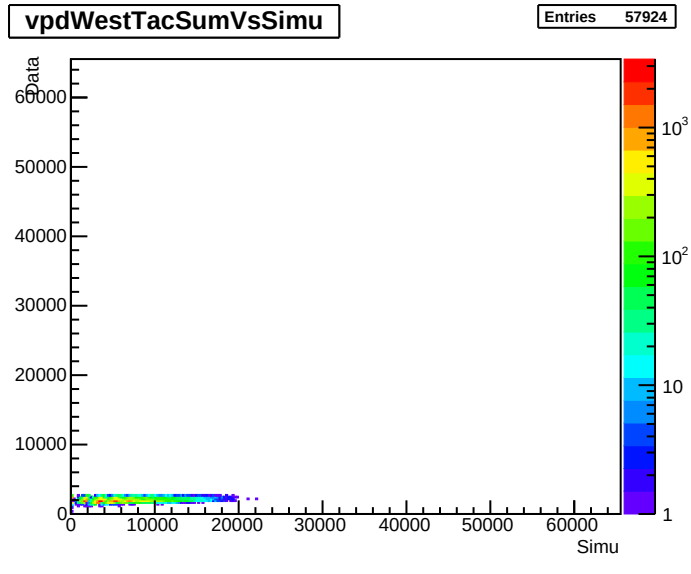

vpdWestAdcSum
Entries 94095

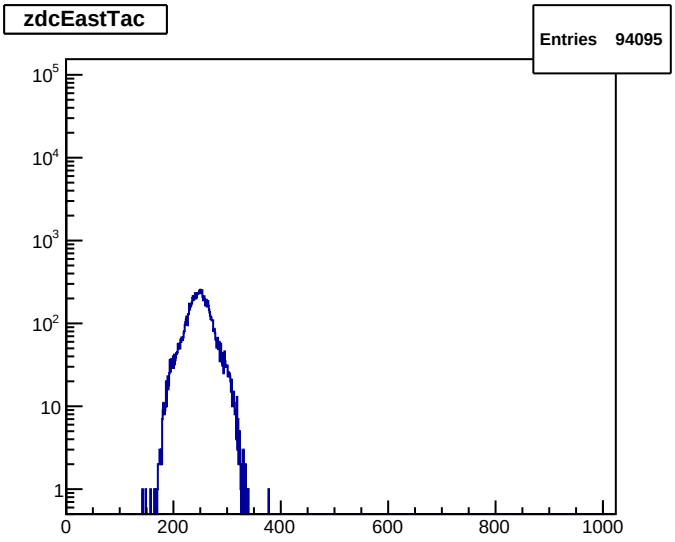

vpdWestAdcSumVsSimu
Entries 38083
Data
Simu

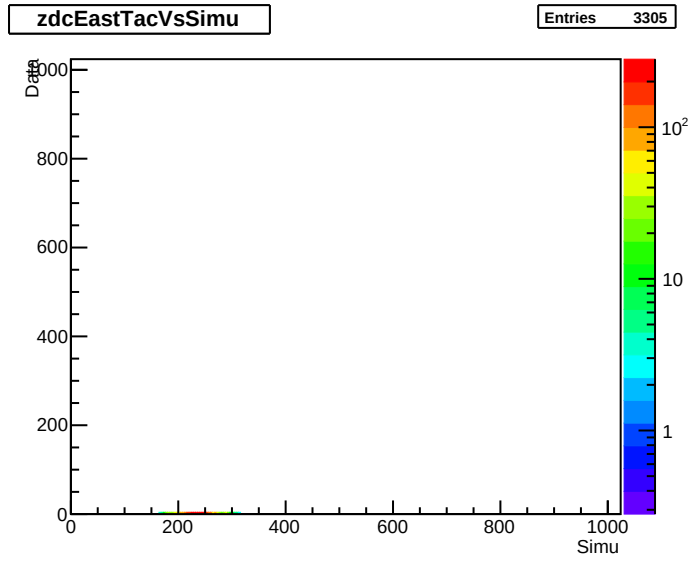

vpdWestNHits
Entries 94095

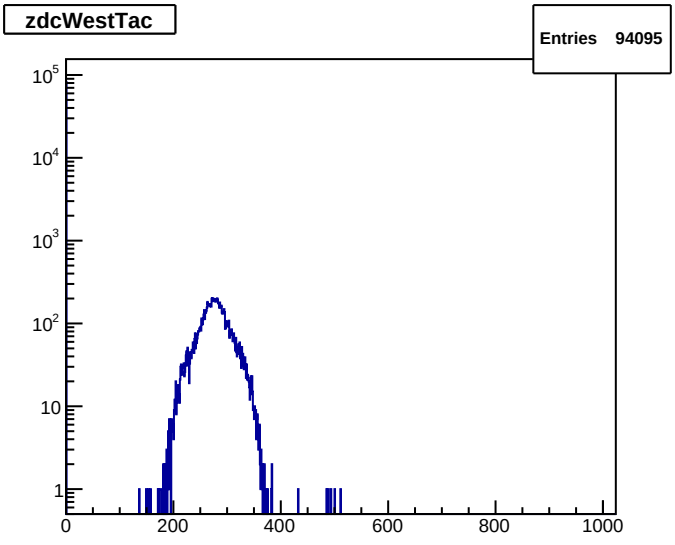

vpdWestNHitsVsSimu
Entries 66806

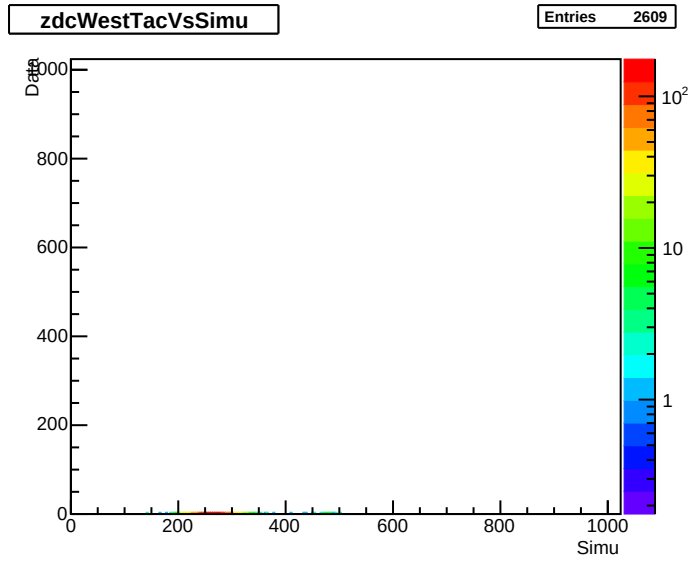

vpdWestTacSum
Entries 94095

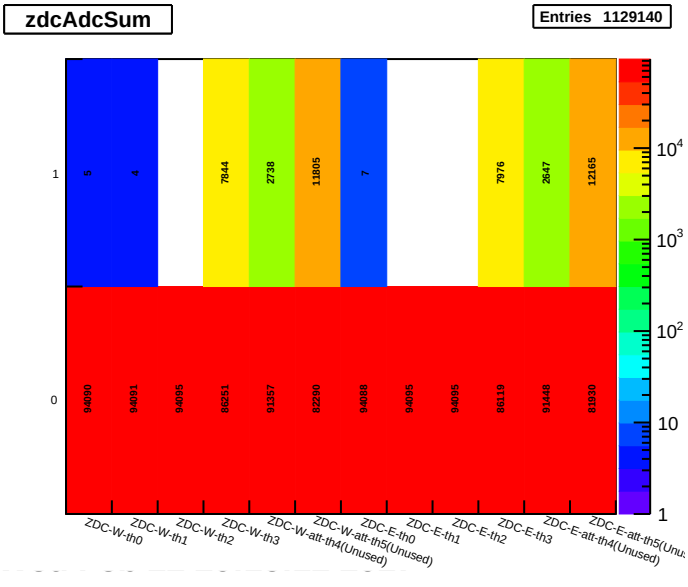

vpdWestTacSumVsSimu
Entries 57924
Data
Simu

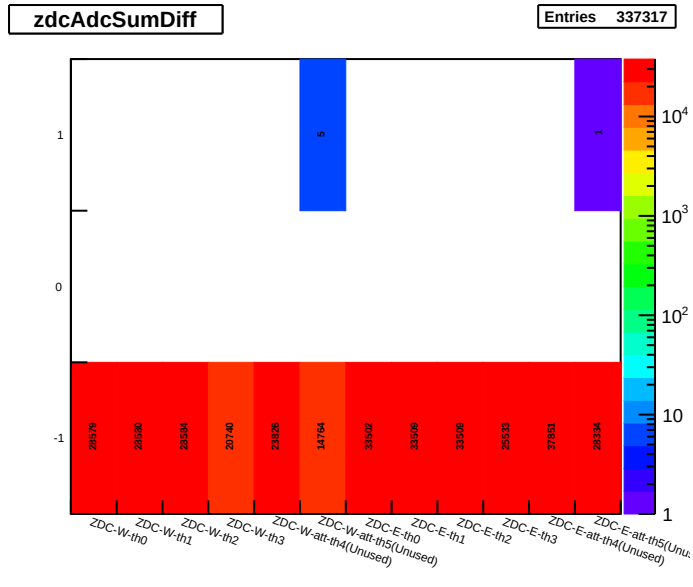

zdcEastTac
Entries 94095

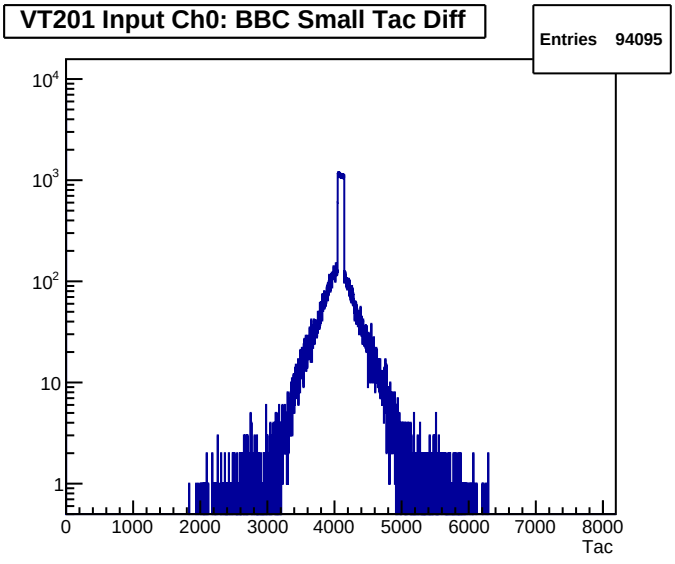

zdcEastTacVsSimu
Entries 3305
Data
Simu

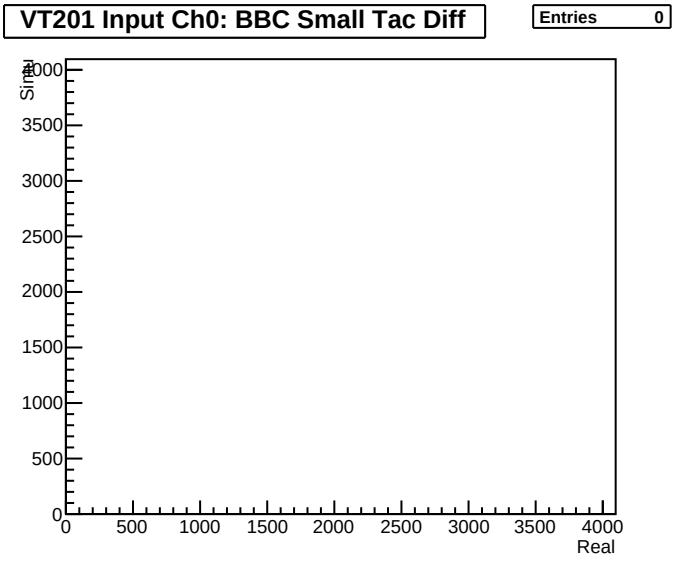

zdcWestTac
Entries 94095

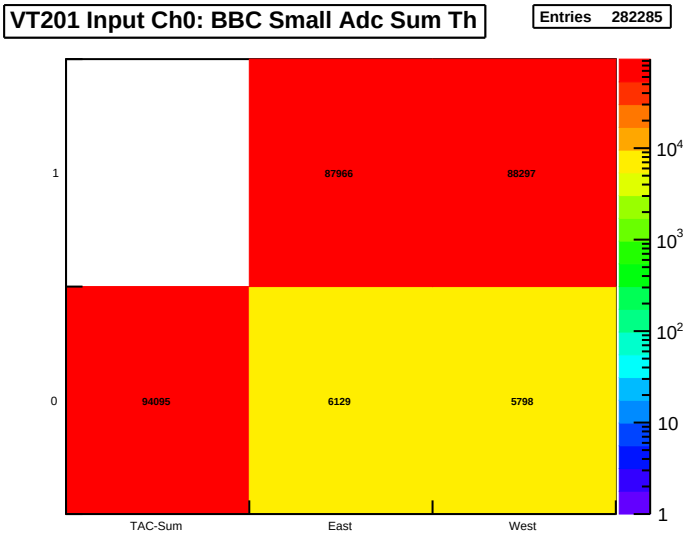

zdcWestTacVsSimu
Entries 2609
Data
Simu

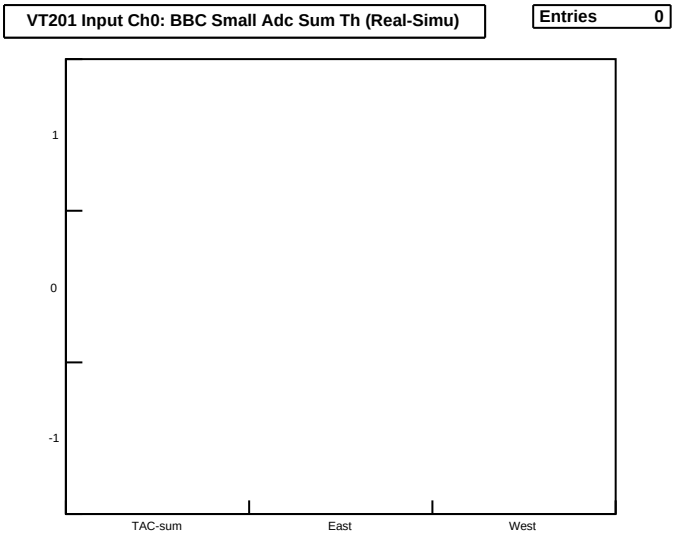

zdcAdcSum
Entries 1129140
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

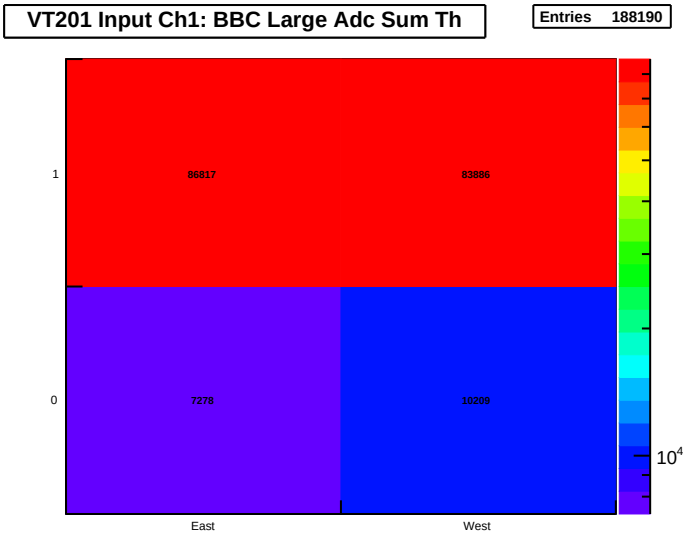

zdcAdcSumDiff
Entries 337317
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

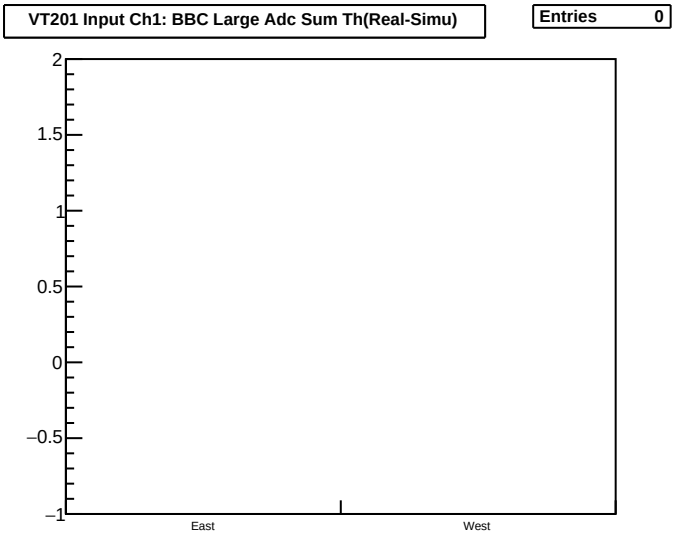

VT201 Input Ch0: BBC Small Tac Diff
Entries 94095
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

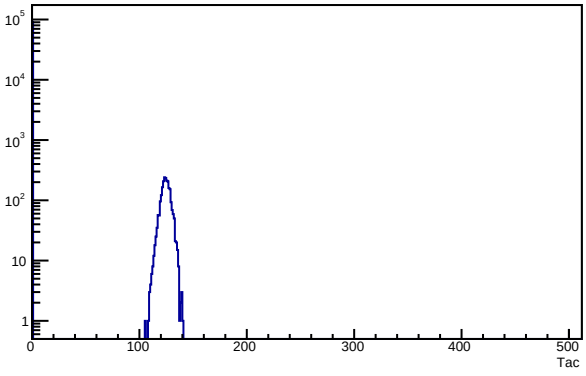

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 282285
87966
88297
94095
6129
5798
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

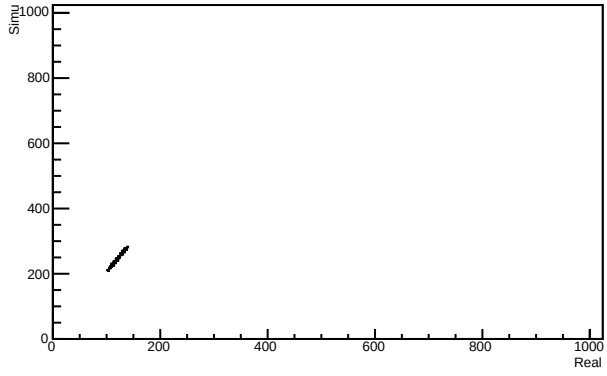

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 188190
86817
83886
7278
10209
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

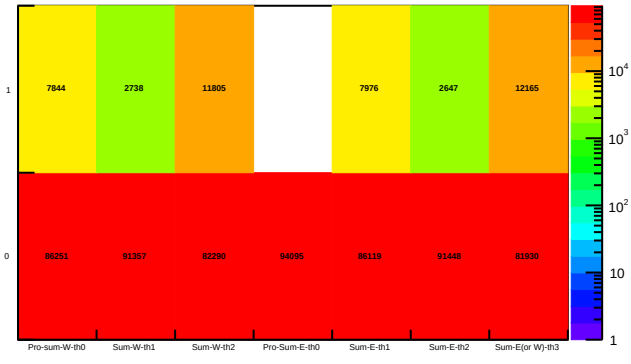
VT201 Input Ch2: ZDC Tac Diff



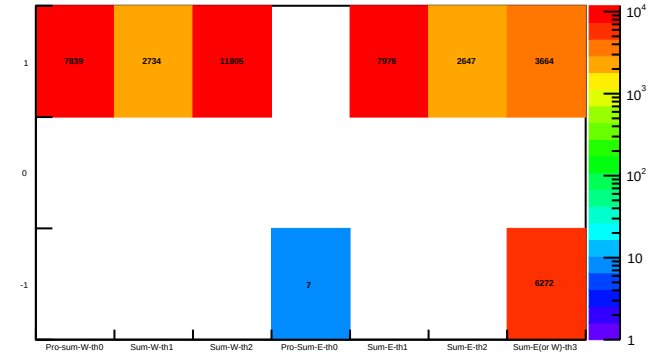
VT201 Input Ch2: ZDC Tac Diff



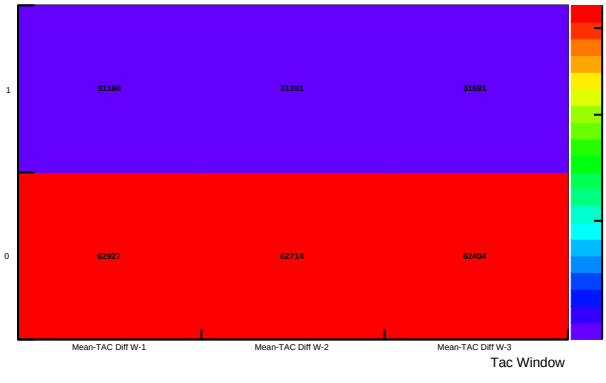
VT201 Input Ch2: ZDC Adc Sum Th



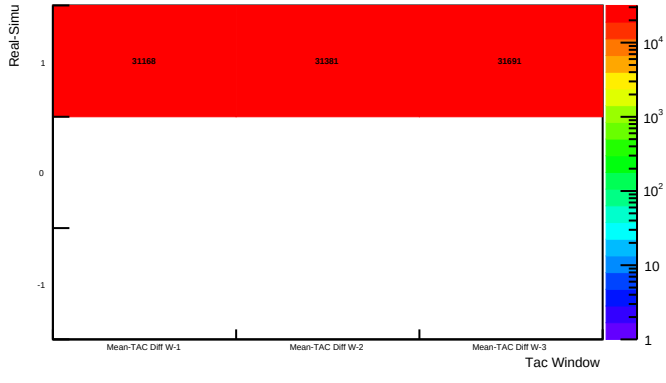
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



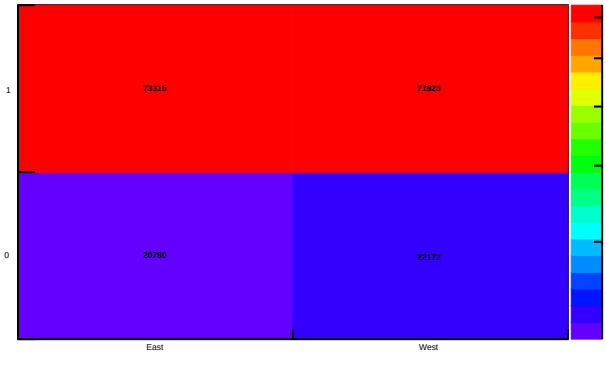
VT201 Input Ch4: VPD Tac Diff



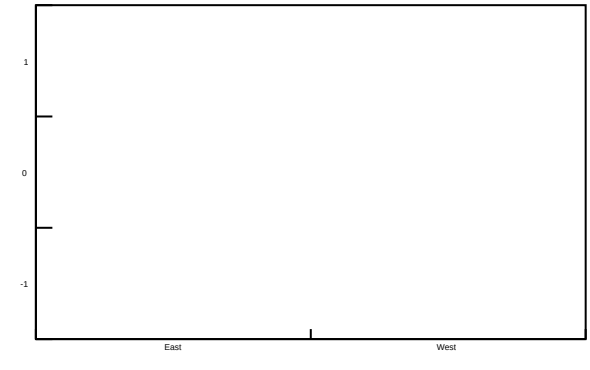
VT201 Input Ch4: VPD Tac Diff

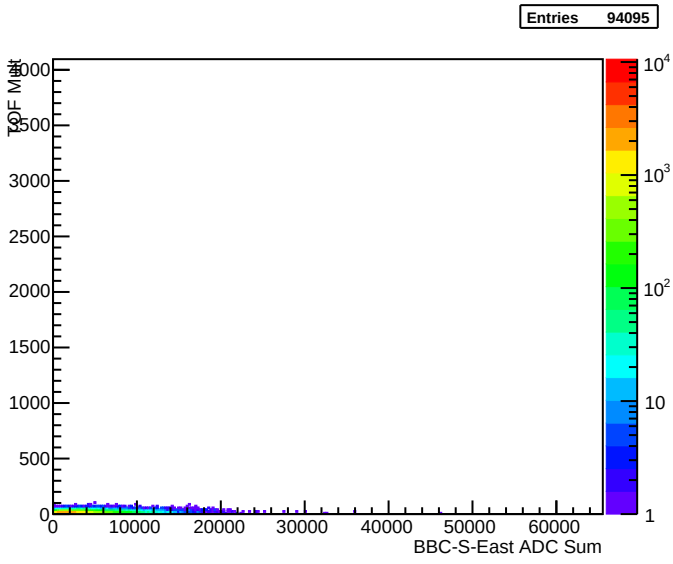


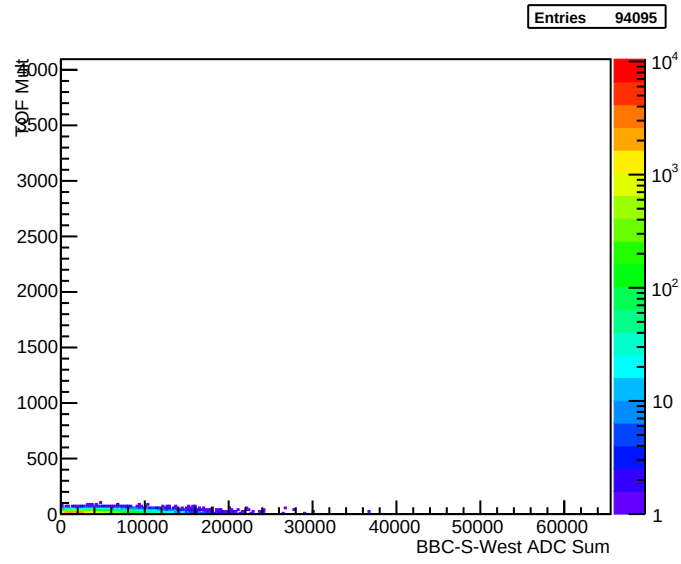
VT201 Input Ch4: VPD Adc Sum Th

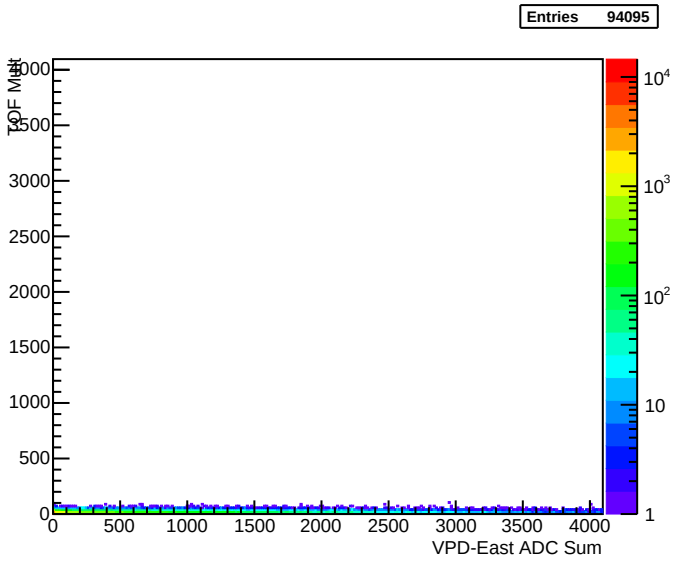


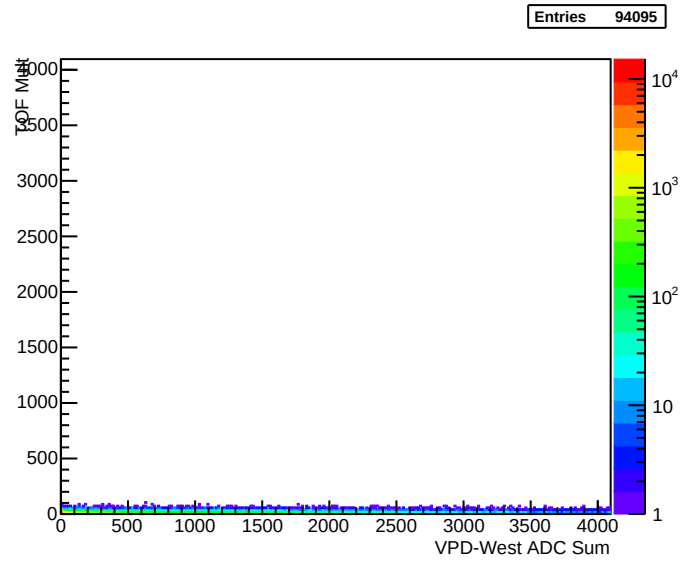
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

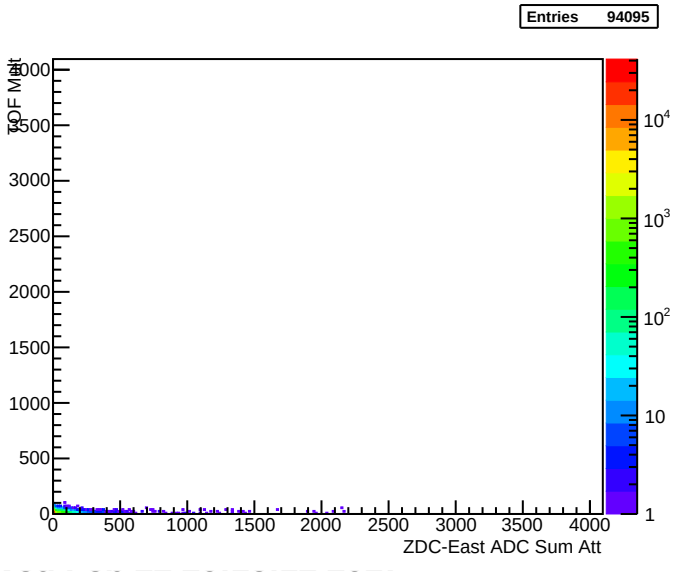


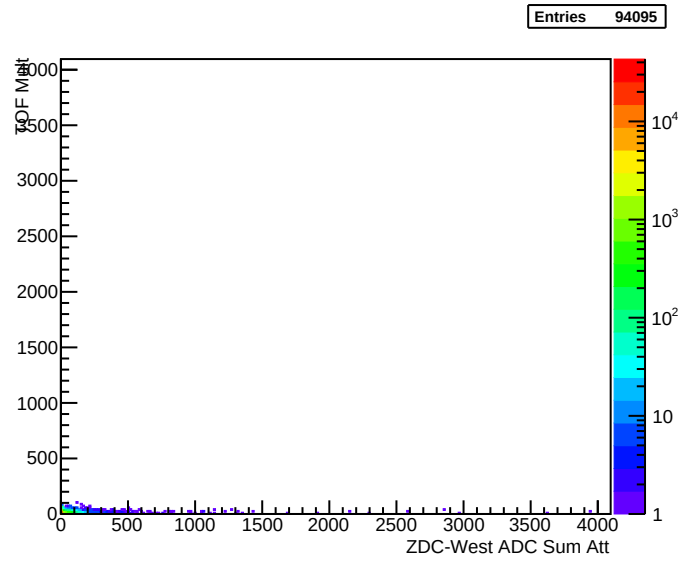

Entries 94095
TOF Mult
BBC-S-East ADC Sum

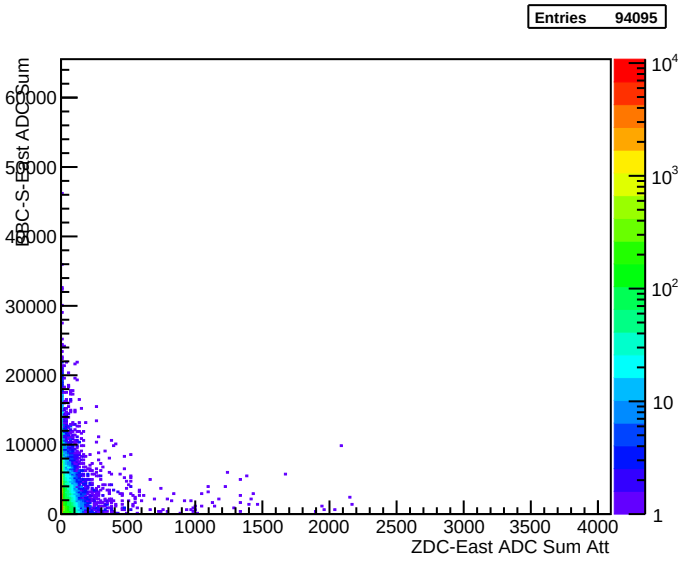

Entries 94095
TOF Mult
BBC-S-West ADC Sum

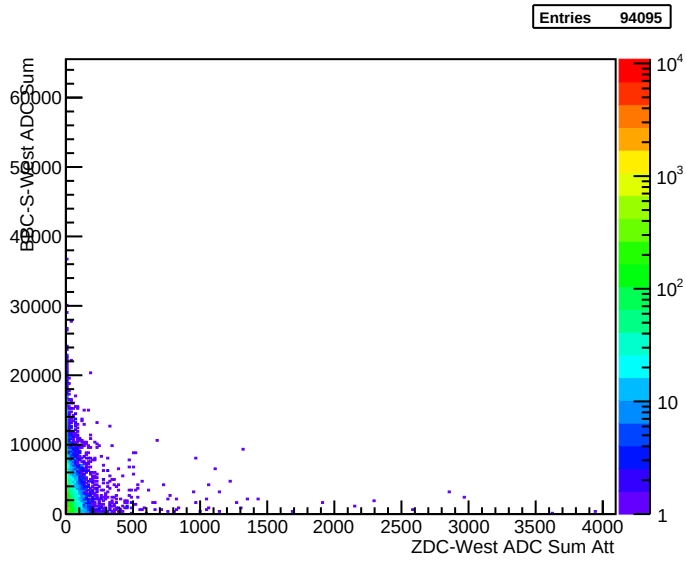

Entries 94095
TOF Mult
VPD-East ADC Sum

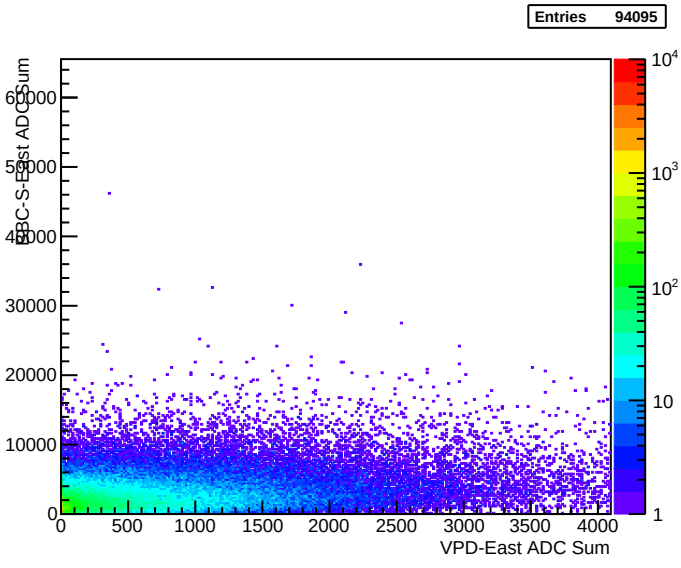

Entries 94095
TOF Mult
VPD-West ADC Sum

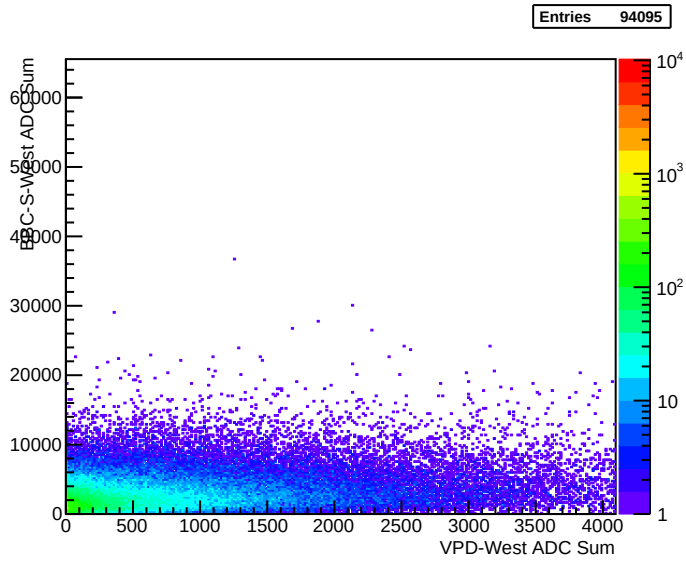

Entries 94095
TOF Mult
ZDC-East ADC Sum Att

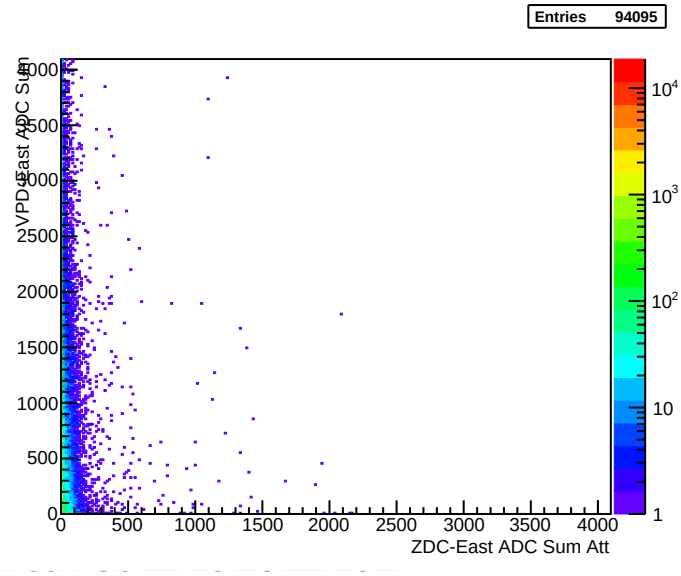

Entries 94095
TOF Mult
ZDC-West ADC Sum Att

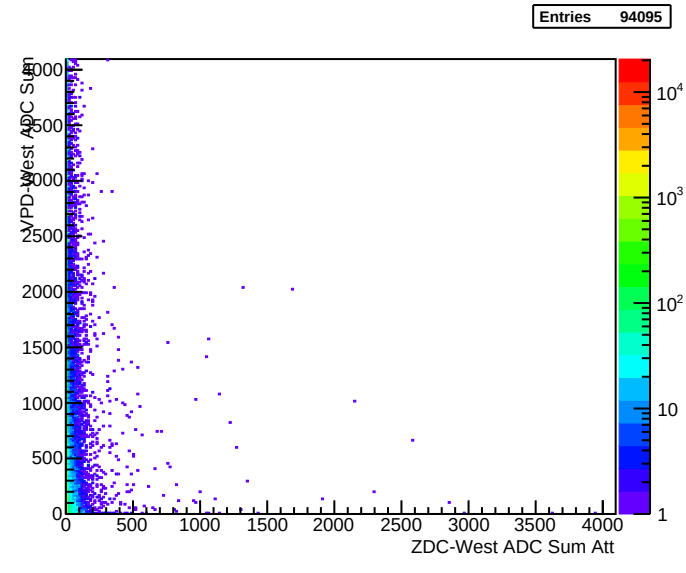

Entries 94095
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

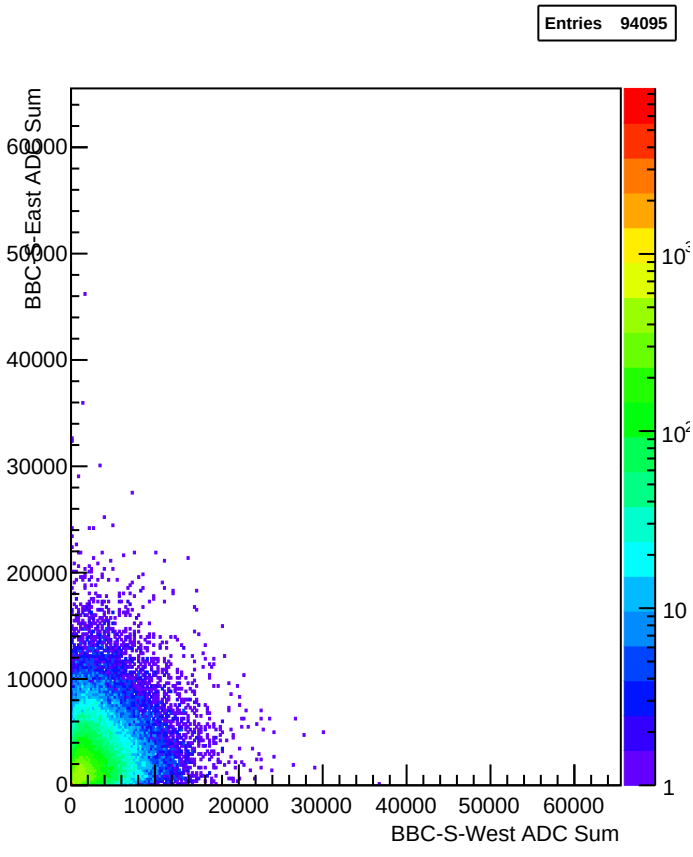

Entries 94095
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

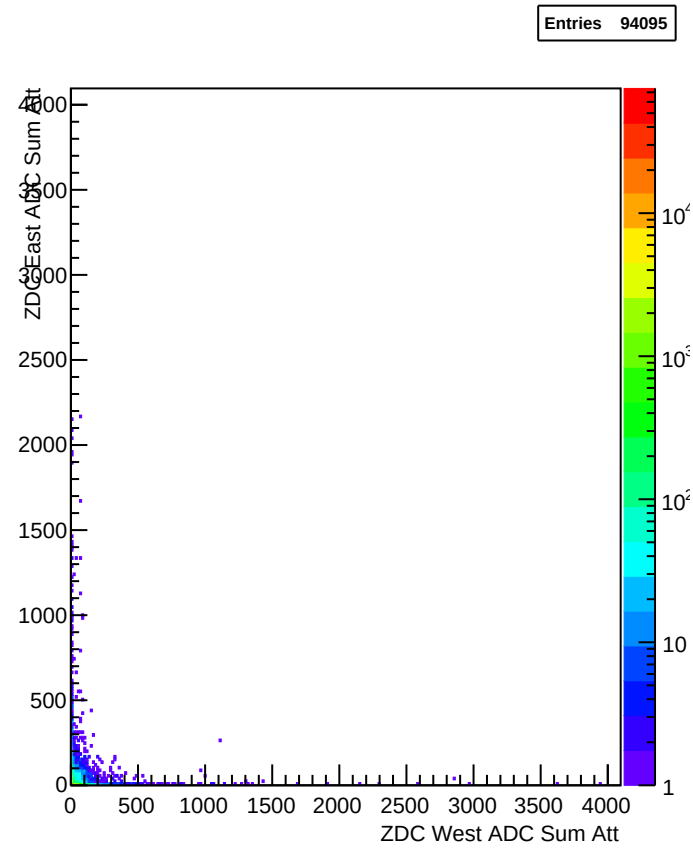

Entries 94095
BBC-S-East ADC Sum
VPD-East ADC Sum

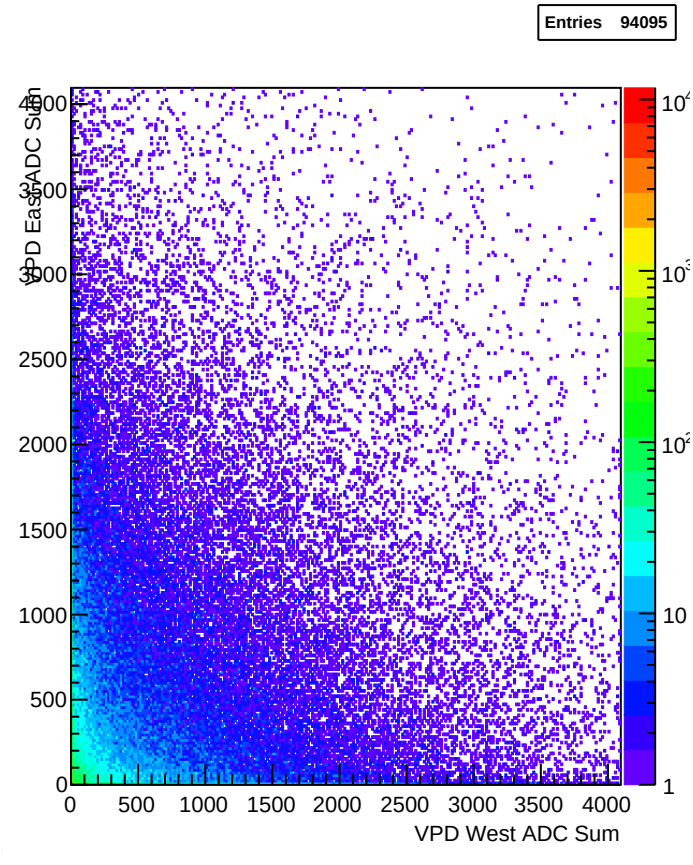

Entries 94095
BBC-S-West ADC Sum
VPD-West ADC Sum

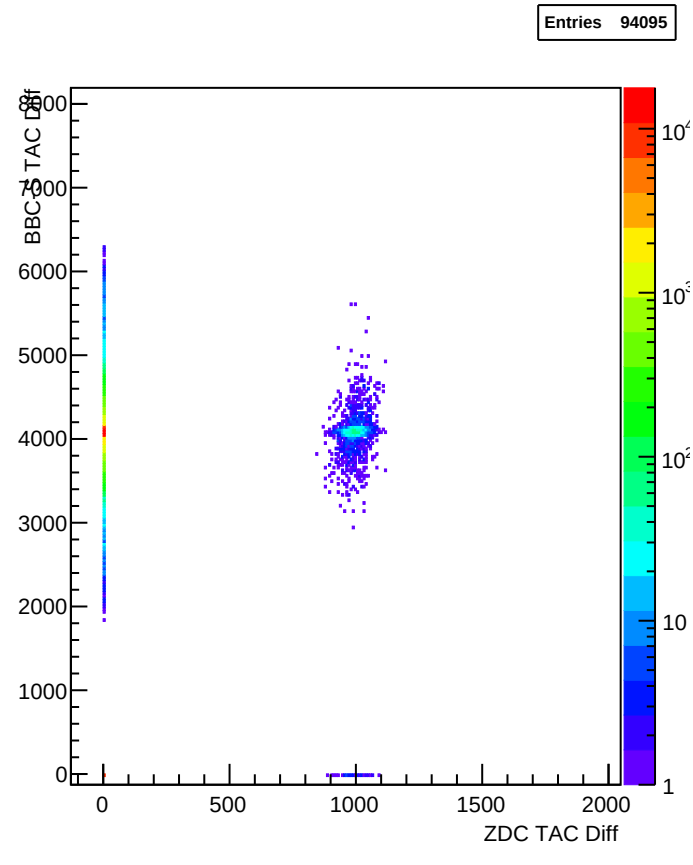

Entries 94095
VPD-East ADC Sum
ZDC-East ADC Sum Att

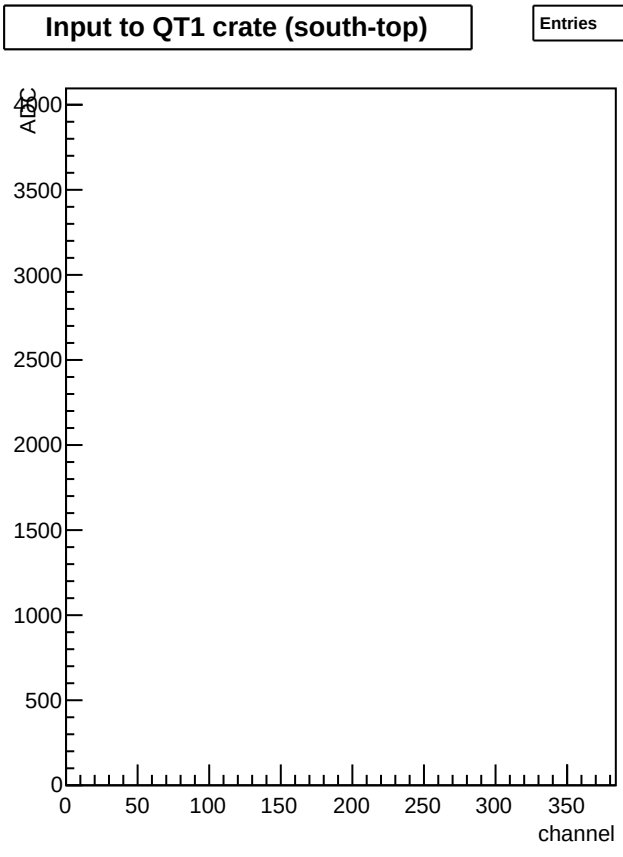

Entries 94095
VPD-West ADC Sum
ZDC-West ADC Sum Att

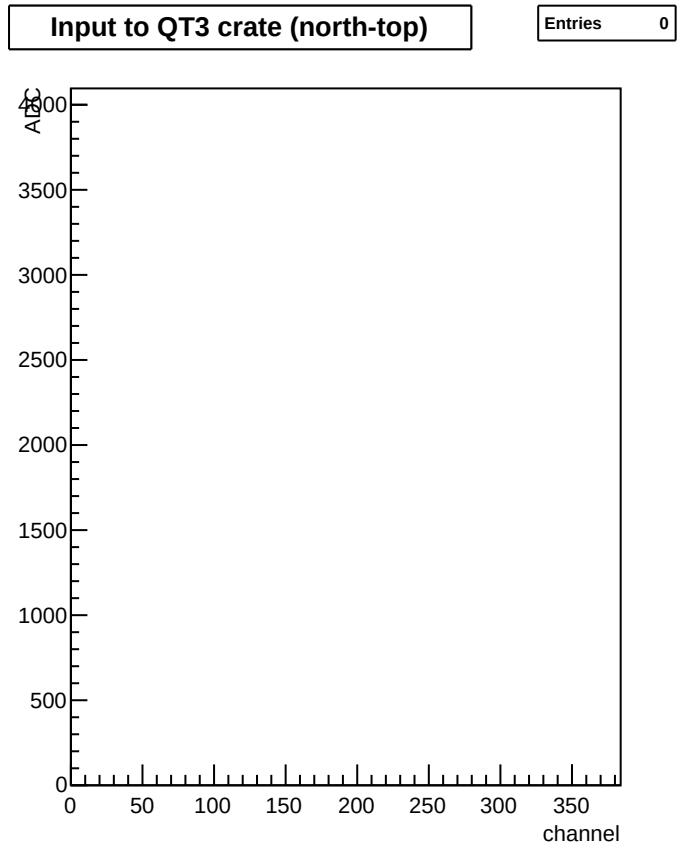

Entries 94095
BBC-S-East ADC Sum
BBC-S-West ADC Sum

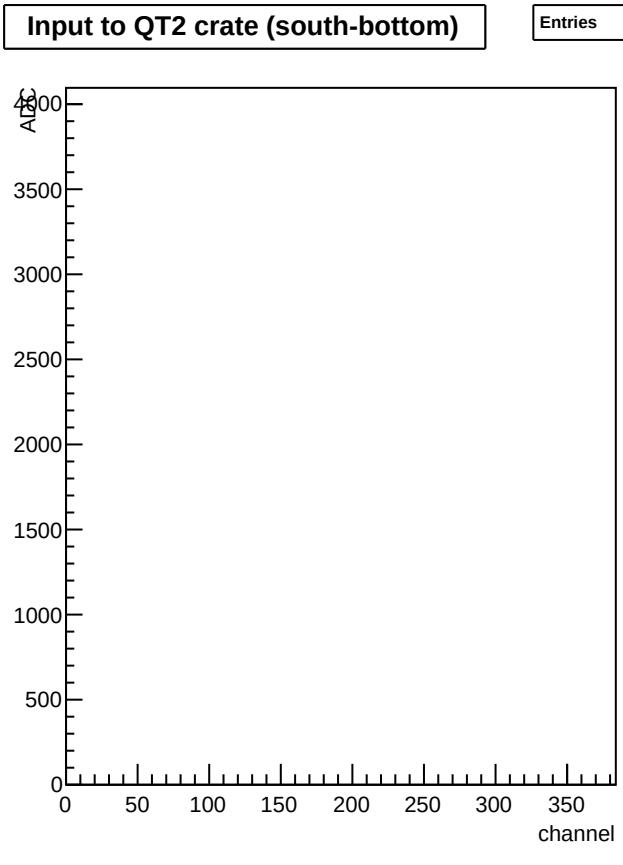

Entries 94095
ZDC East ADC Sum Att
ZDC West ADC Sum Att

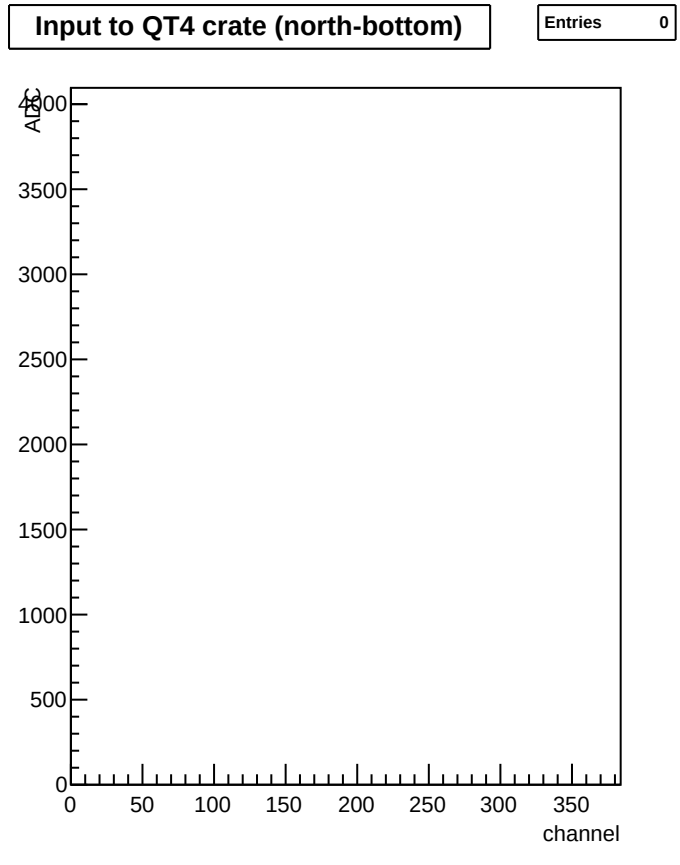

Entries 94095
VPD East ADC Sum
VPD West ADC Sum

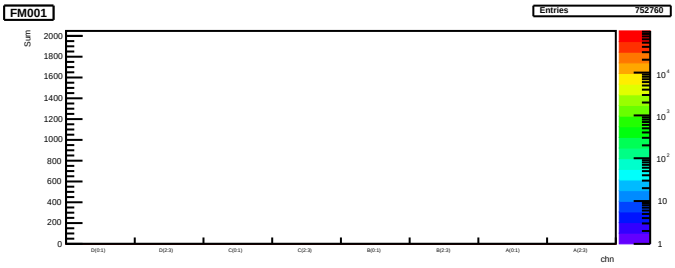

Entries 94095
BBC-S TAC Diff
ZDC TAC Diff

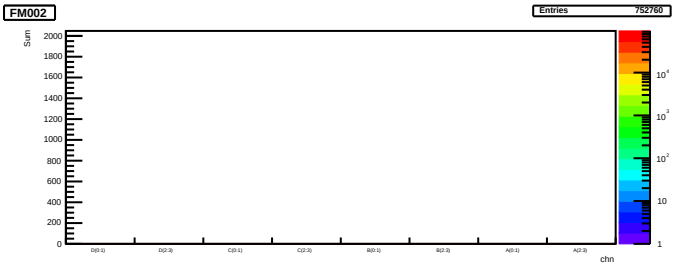

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

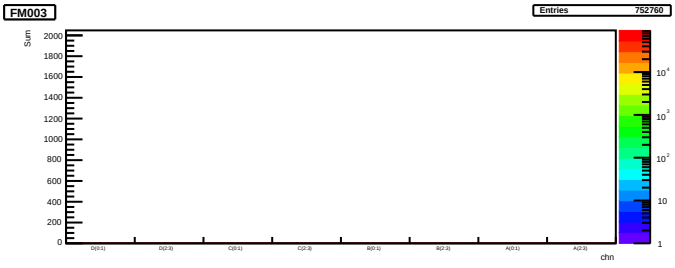

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

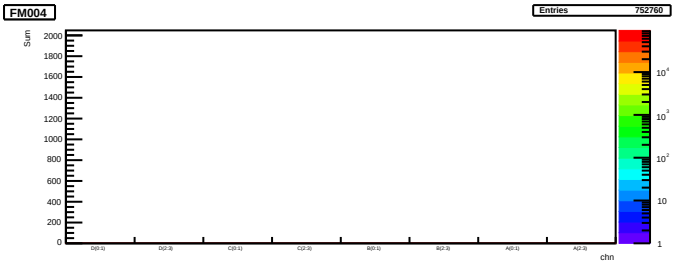

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

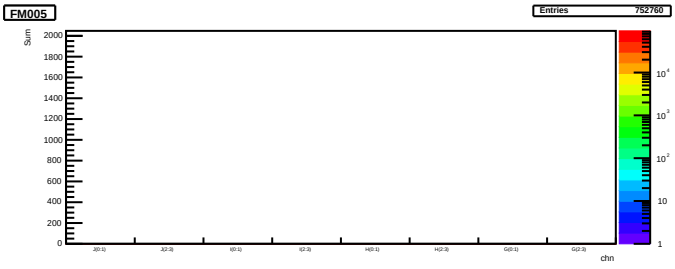

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

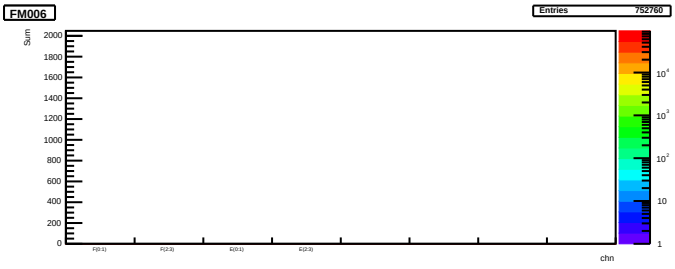

FM001
Entries 752760
Sum
chn

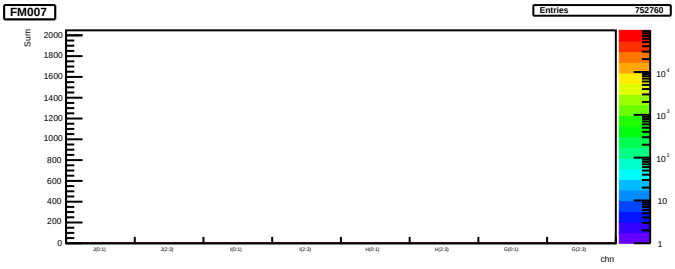

FM002
Entries 752760
Sum
chn

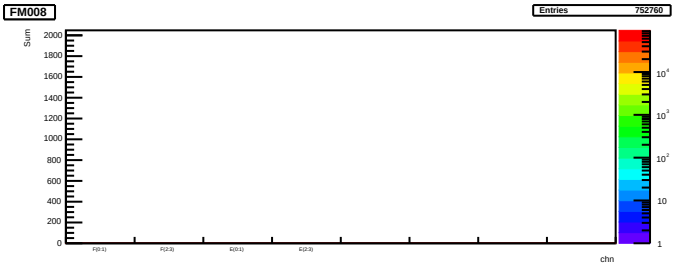

FM003
Entries 752760
Sum
chn

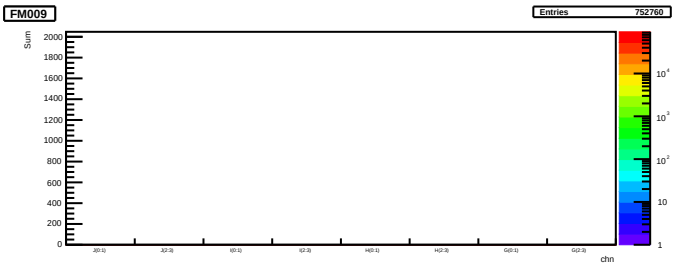

FM004
Entries 752760
Sum
chn

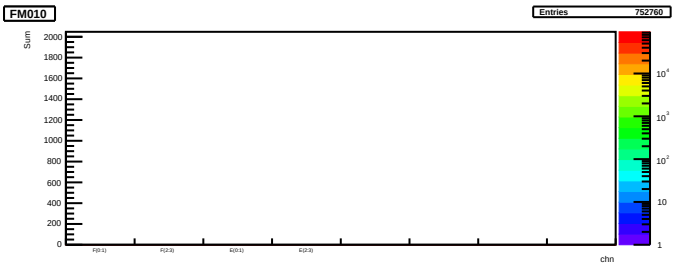

FM005
Entries 752760
Sum
chn

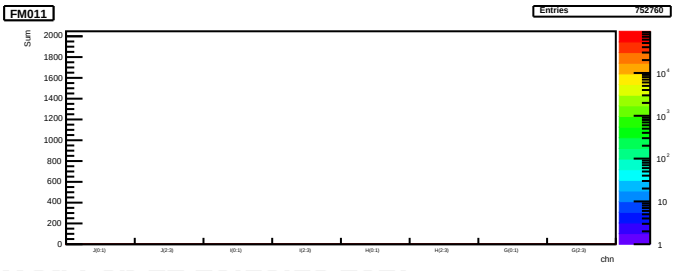

FM006
Entries 752760
Sum
chn

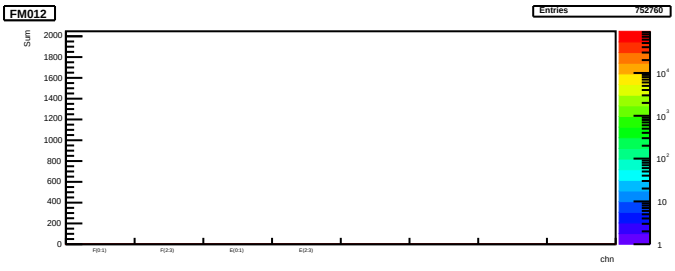

FM007
Entries 752760
Sum
chn


FM008
Entries 752760
Sum
chn


FM009
Entries 752760
Sum
chn


FM010
Entries 752760
Sum
chn


FM011
Entries 752760
Sum
chn


FM012
Entries 752760
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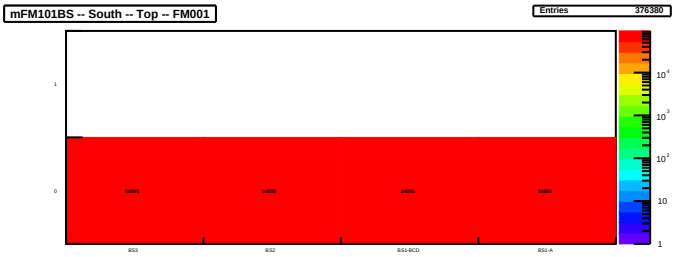
mFM101BS -- South -- Top -- FM001
Entries 376380
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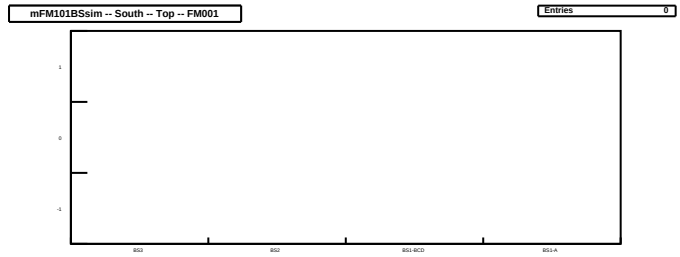
BS2
BS1-BCD
BS1-A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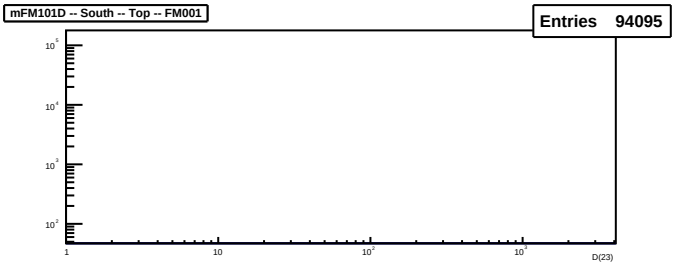
BS3
BS2
BS1-BCD
BS1-A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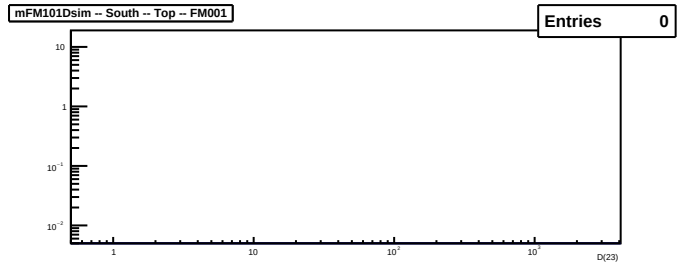
Entries 94095
D(23)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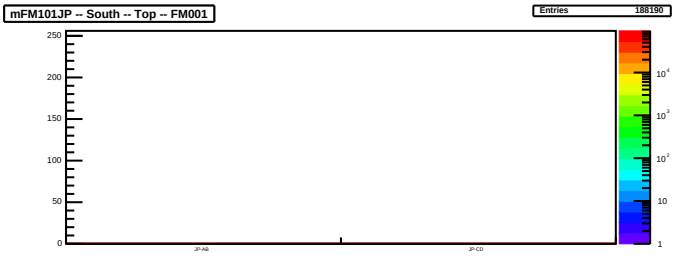
D(23)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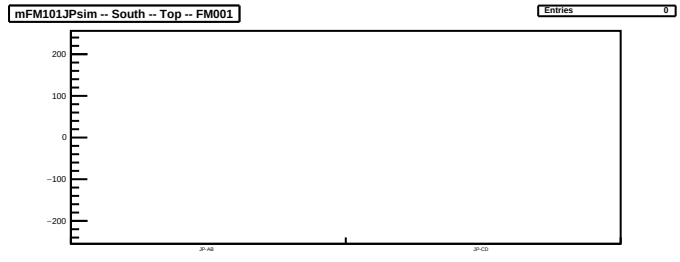
Entries 188190
JP-AB
JP-CD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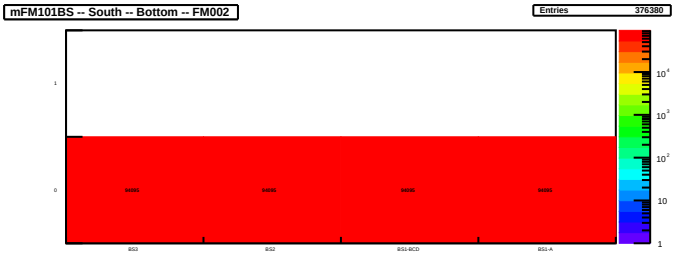
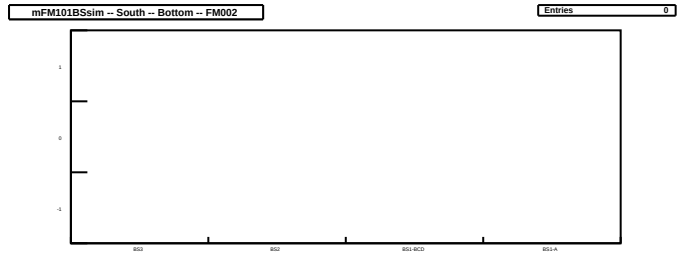
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 376380
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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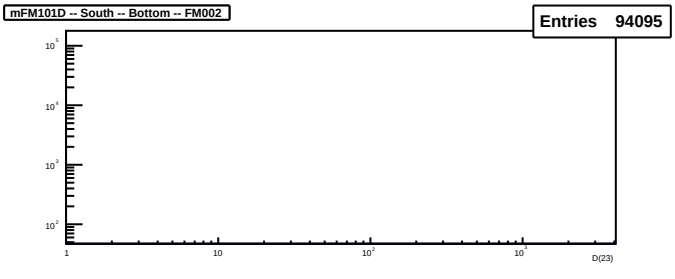
BS2
BS1-BCD
BS1-A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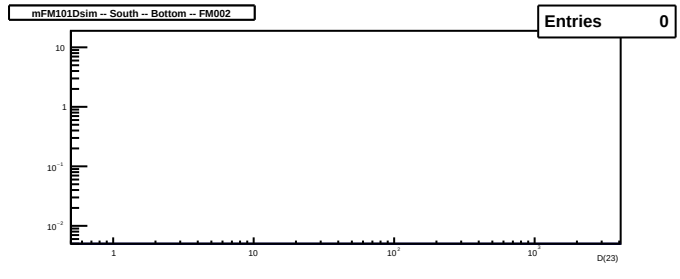
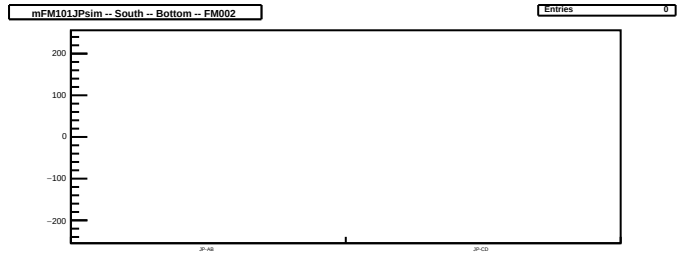
Entries 94095
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 188190
JP-AB
JP-CD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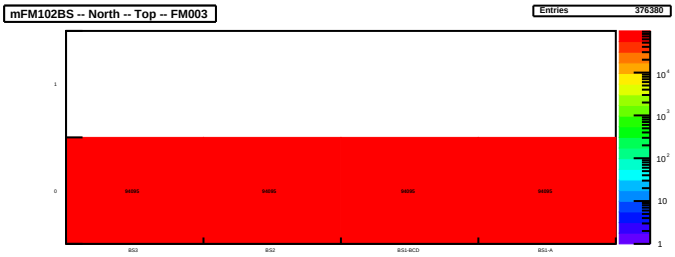
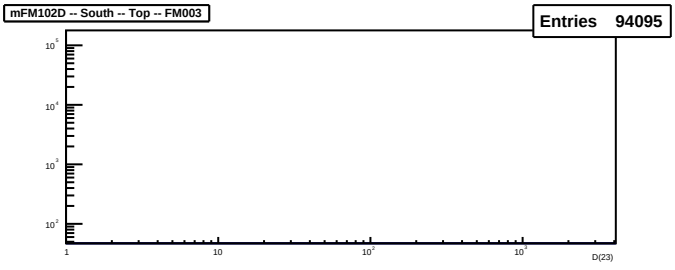
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 376380
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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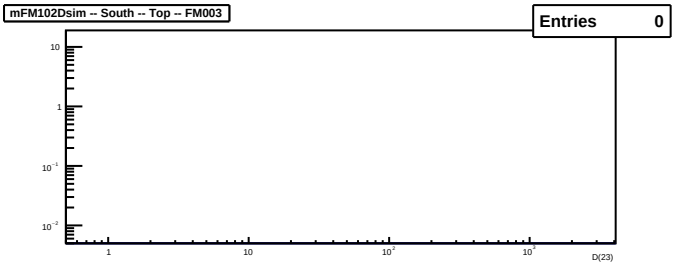
Entries 94095
D(23)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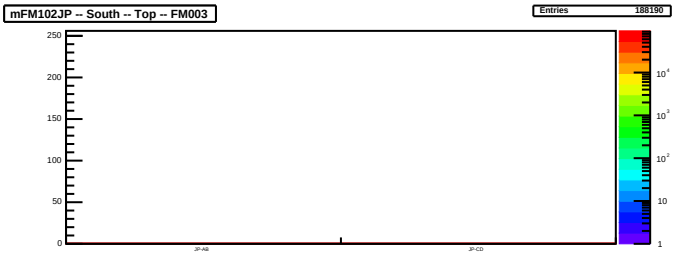
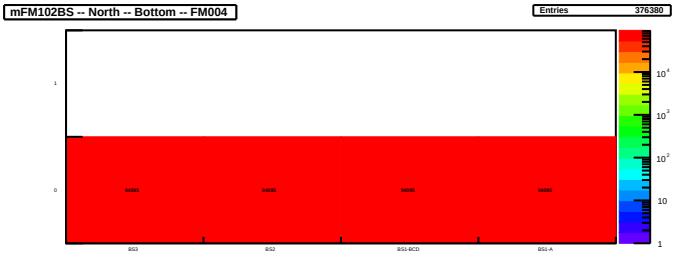
D(23)


mFM102JP -- South -- Top -- FM003
Entries 188190
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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Entries 376380
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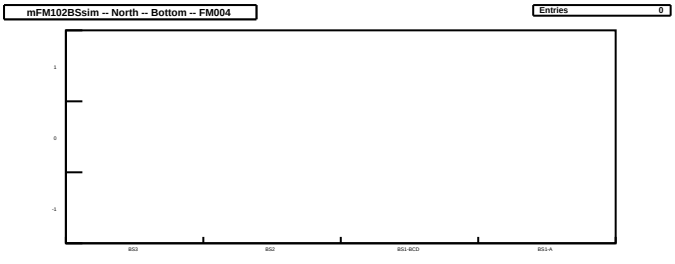
BS2
BS1-BCD
BS1-A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Entries 0
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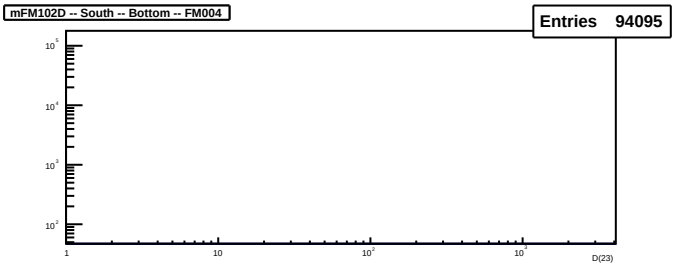
BS2
BS1-BCD
BS1-A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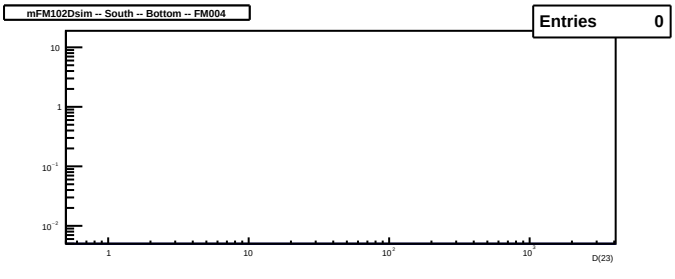
Entries 94095
D(23)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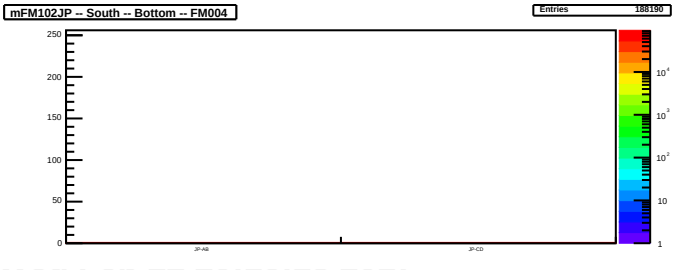
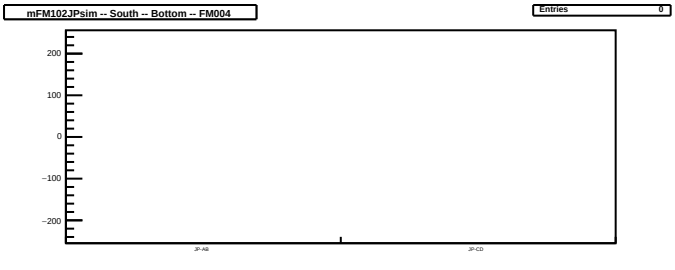
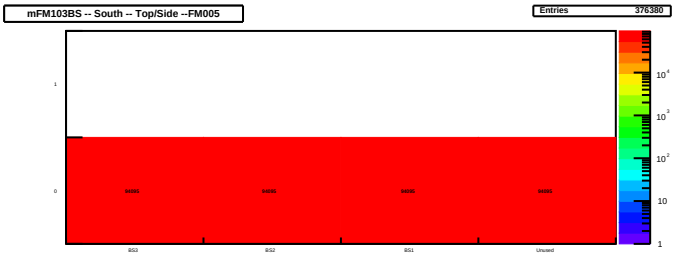
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 188190
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 376380
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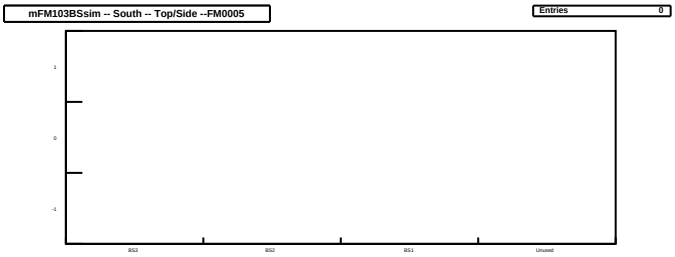
94095
94095
94095
BS3
BS2
BS1
Unused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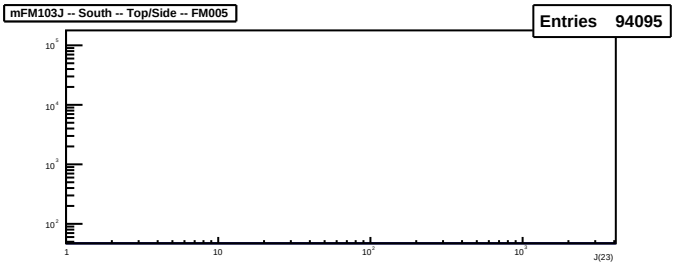
Entries 0
BS3
BS2
BS1
Unused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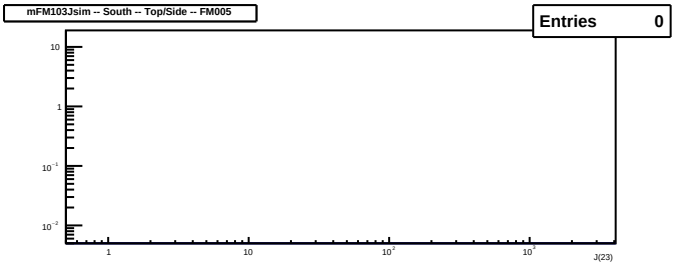
Entries 94095
J(23)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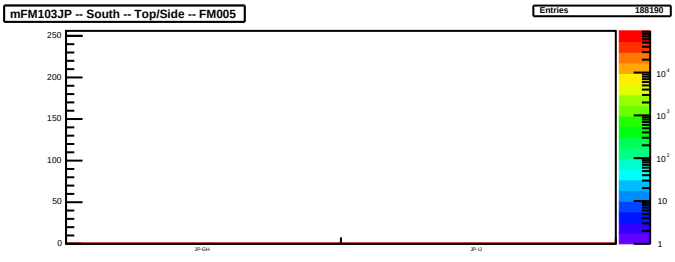
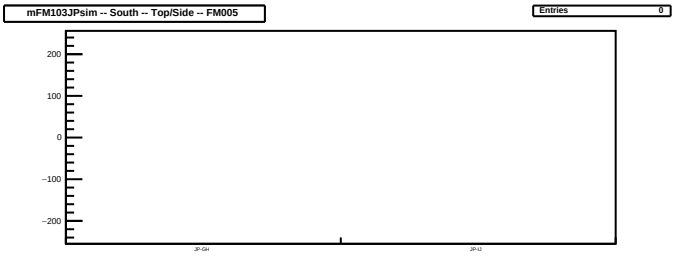
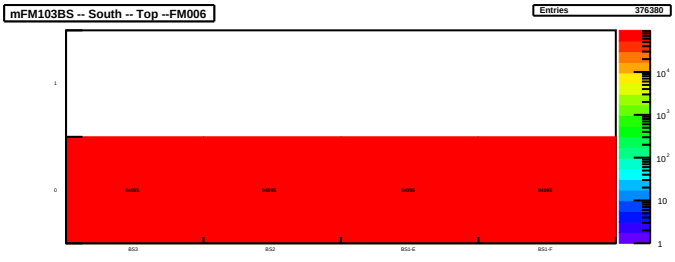
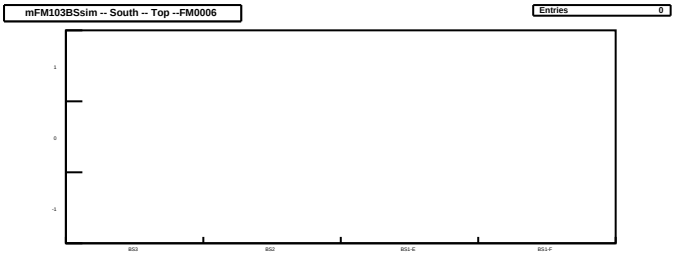
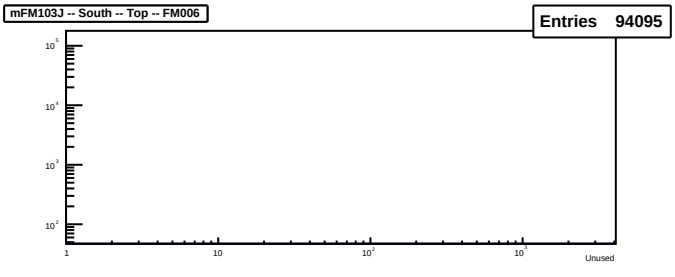
Entries 0
J(23)

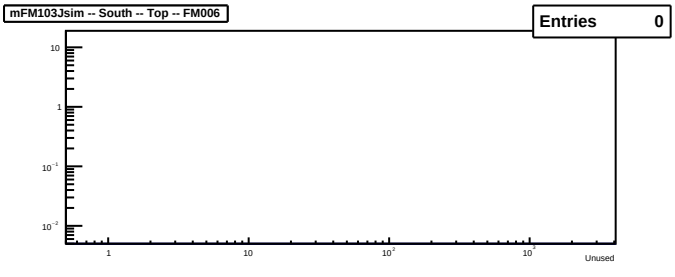

mFM103JP -- South -- Top/Side -- FM005
Entries 188190
JP-GH
JP-U


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Top --FM006
Entries 376380
94095
94095
94095
94095
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 94095
Unused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Entries 0
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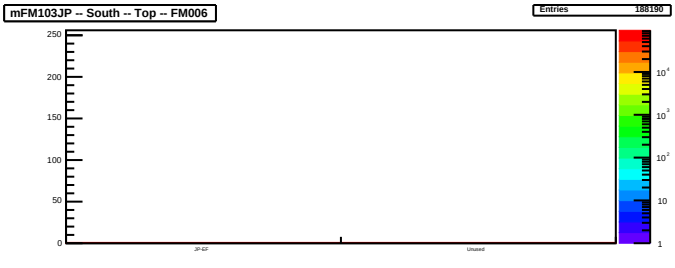
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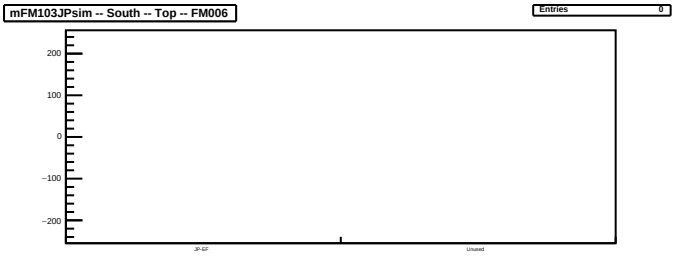
Entries 188190
JP-EF
Unused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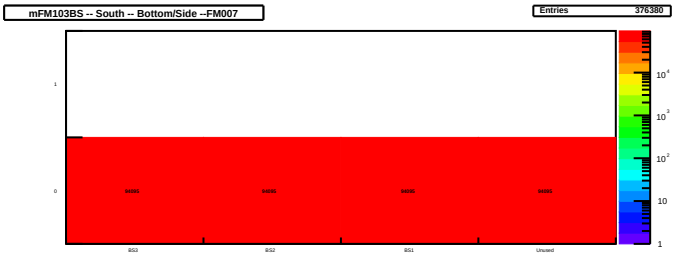
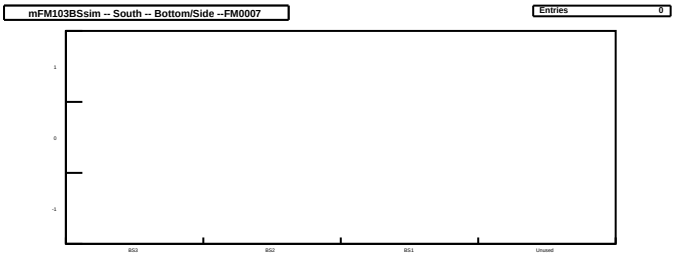
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 376380
94095
94095
94095
94095
BS3
BS2
BS1
Unused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Entries 0
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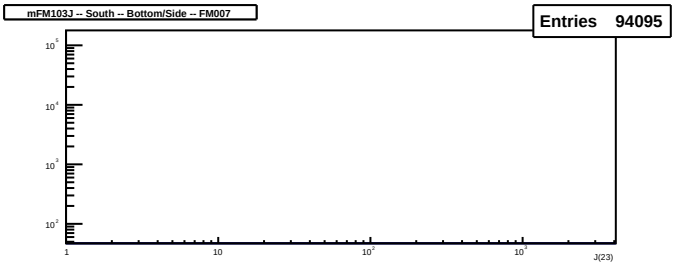
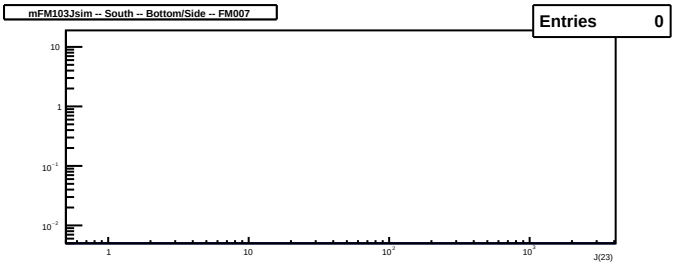
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 94095
J(23)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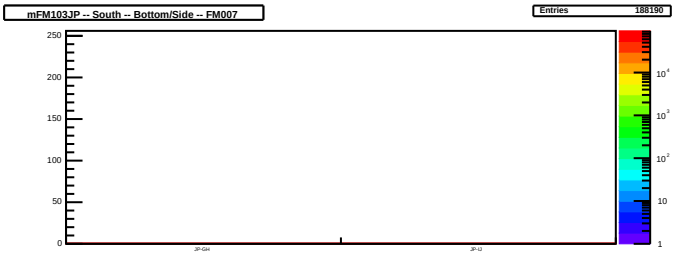
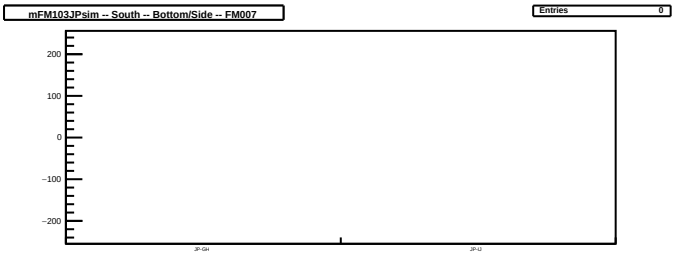
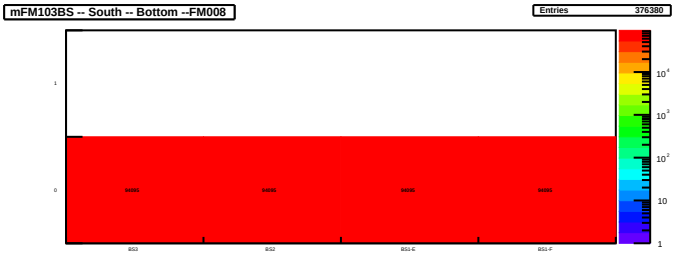
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 188190
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 376380
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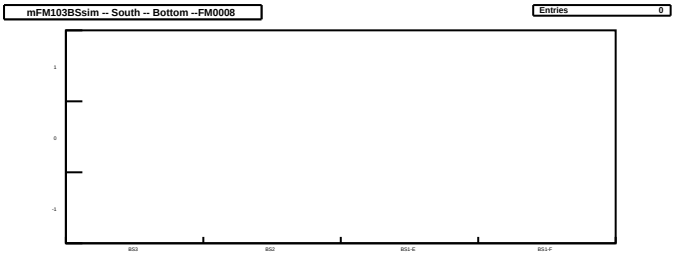
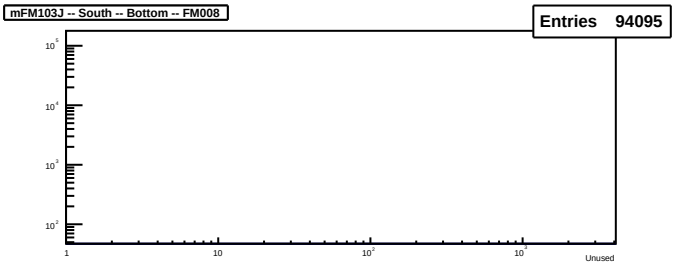
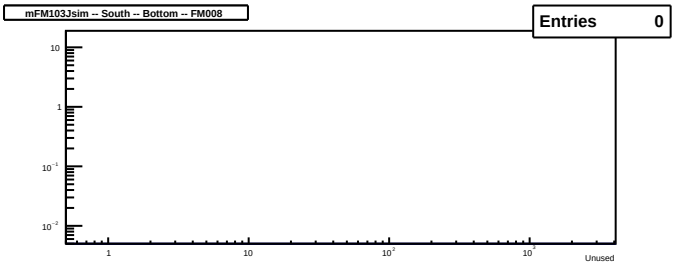
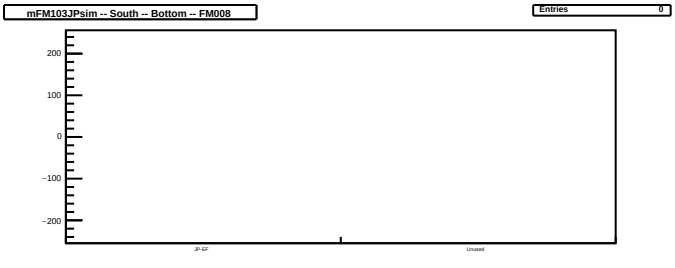
94095
94095
94095
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 94095
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

mFM103JP -- South -- Bottom -- FM008
Entries 188190
JP-EF
Unused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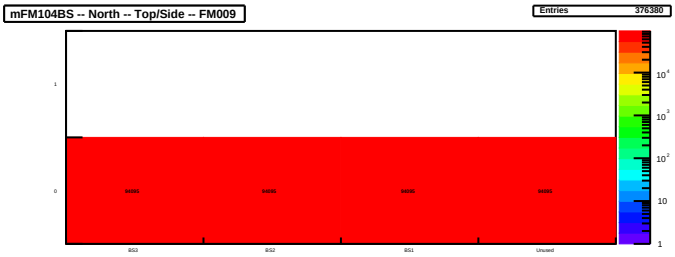
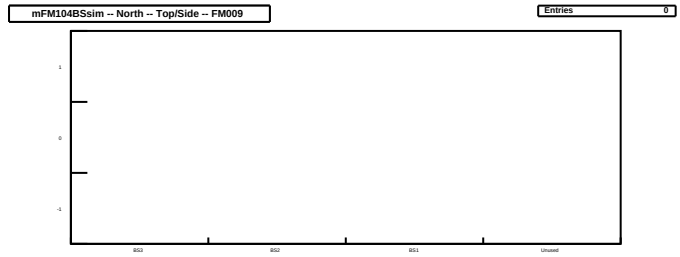
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 376380
BS3
BS2
BS1
Unused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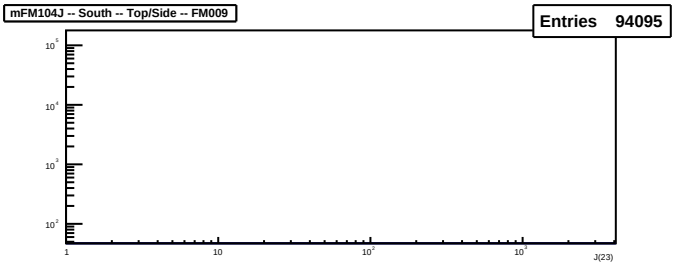
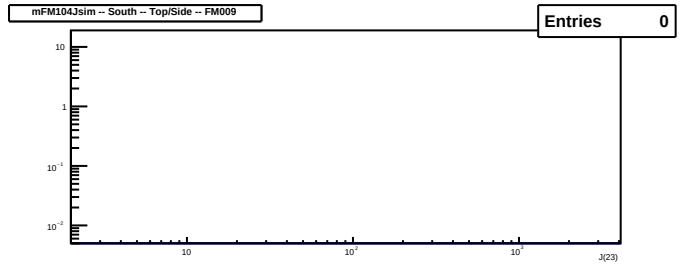
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 94095
J(23)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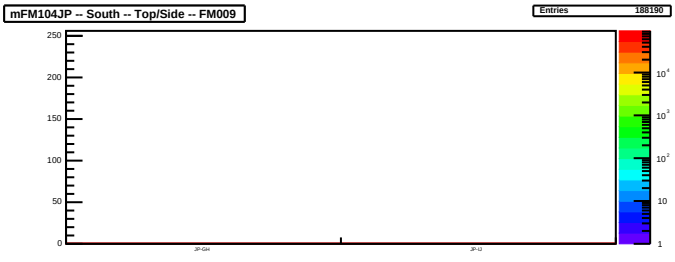
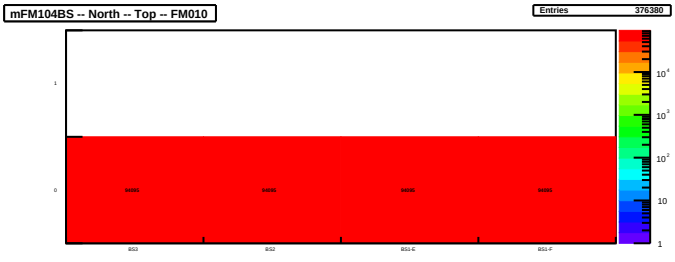
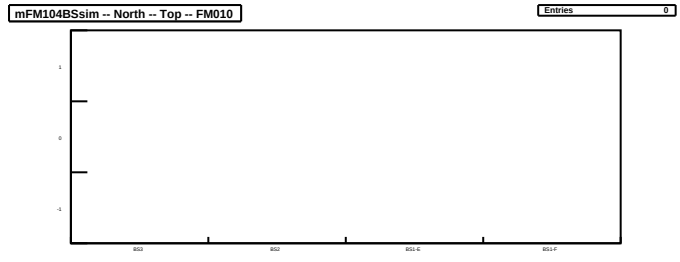
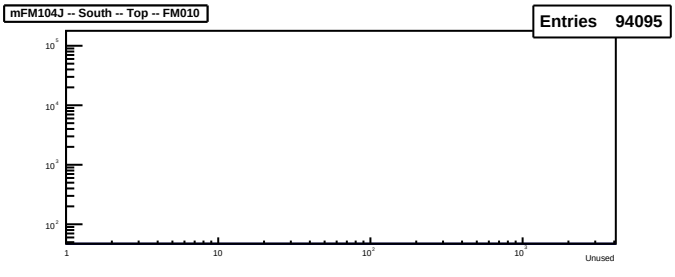
Entries 0
J(23)

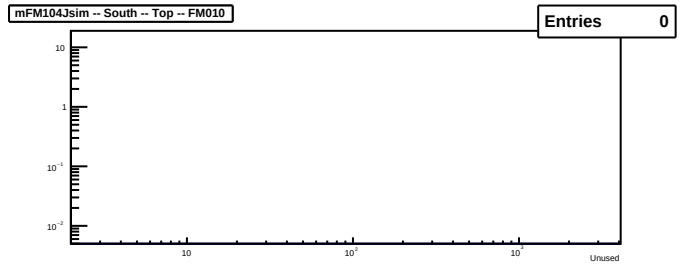

mFM104JP -- South -- Top/Side -- FM009
Entries 188190
JP-GH
JP-U

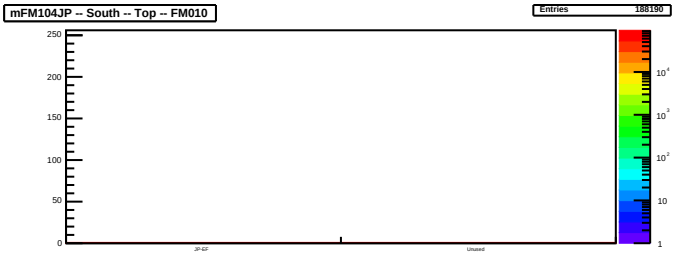
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 376380
BS3
BS2
BS1-E
BS1-F

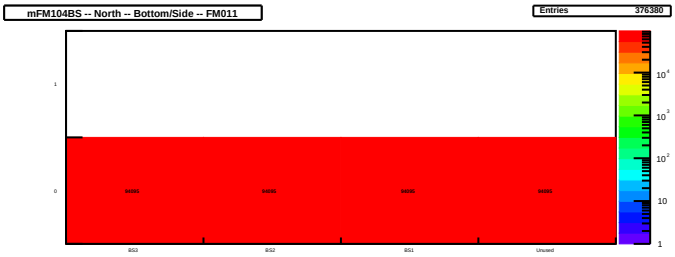

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

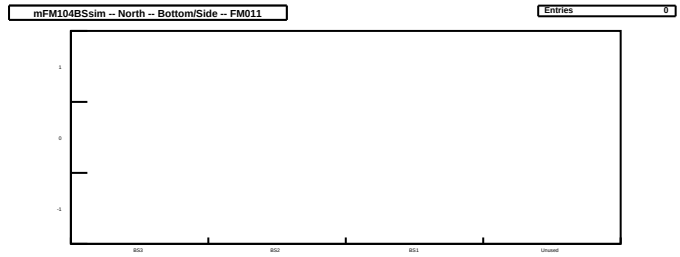

mFM104J -- South -- Top -- FM010
Entries 94095
Unused

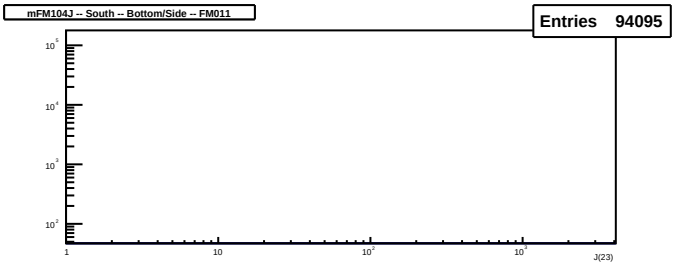

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

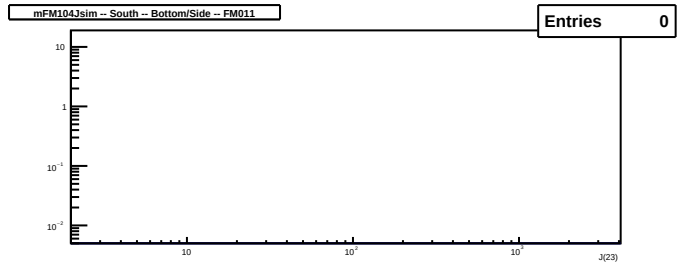

mFM104JP -- South -- Top -- FM010
Entries 188190
JP-EF
Unused

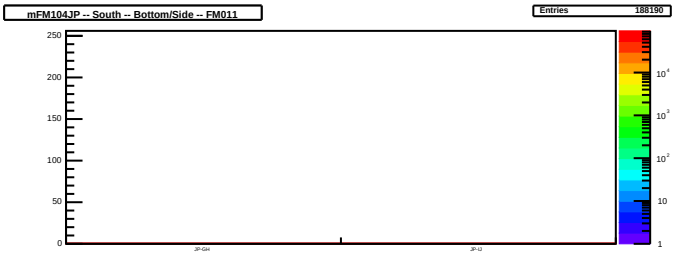
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

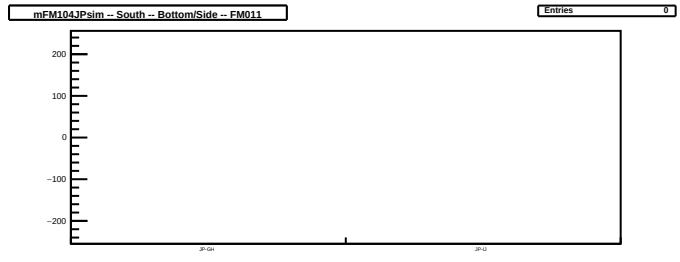

mFM104BS -- North -- Bottom/Side -- FM011
Entries 376380
94095
94095
94095
94095
BS3
BS2
BS1
Unused

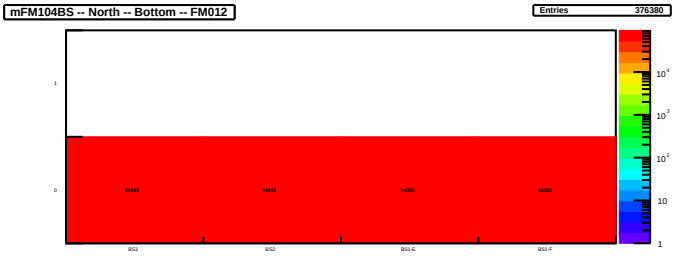

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

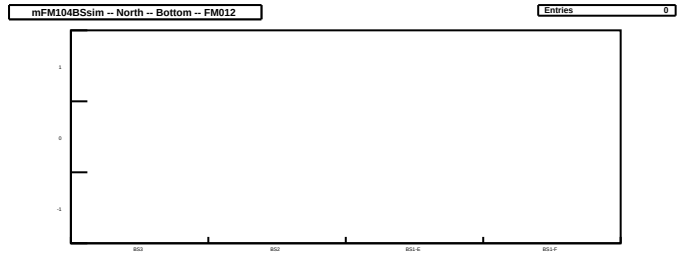

mFM104J -- South -- Bottom/Side -- FM011
Entries 94095
J(23)

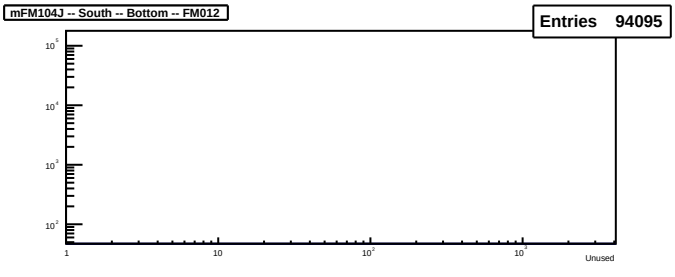

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

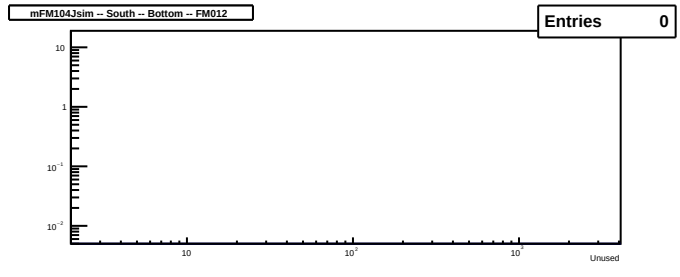

mFM104JP -- South -- Bottom/Side -- FM011
Entries 188190
JP-GH
JP-IJ


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

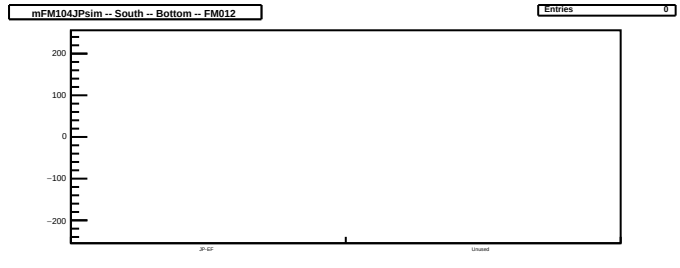

mFM104BS -- North -- Bottom -- FM012
Entries 376380
94095
94095
94095
94095
BS3
BS2
BS1-E
BS1-F

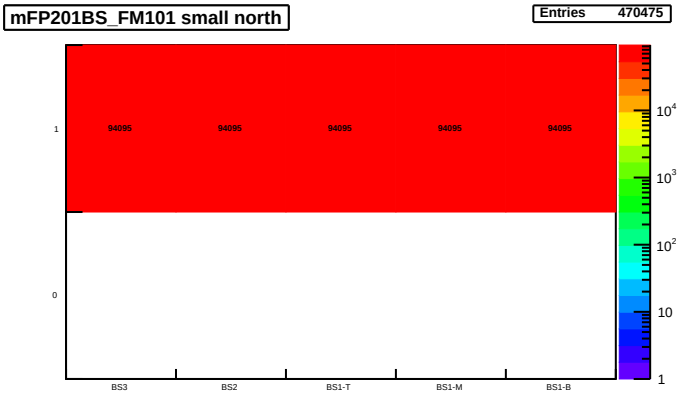

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

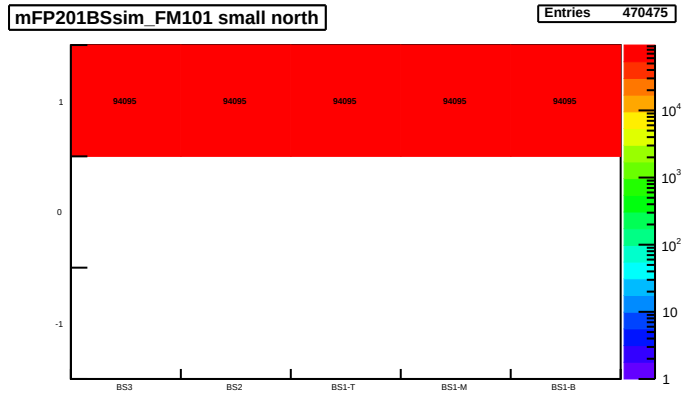

mFM104J -- South -- Bottom -- FM012
Entries 94095
Unused

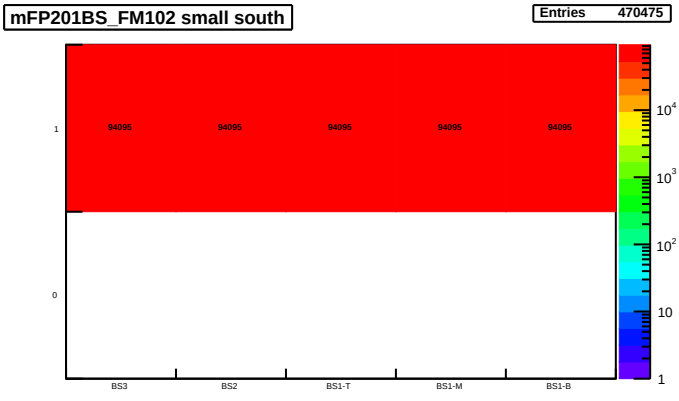

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

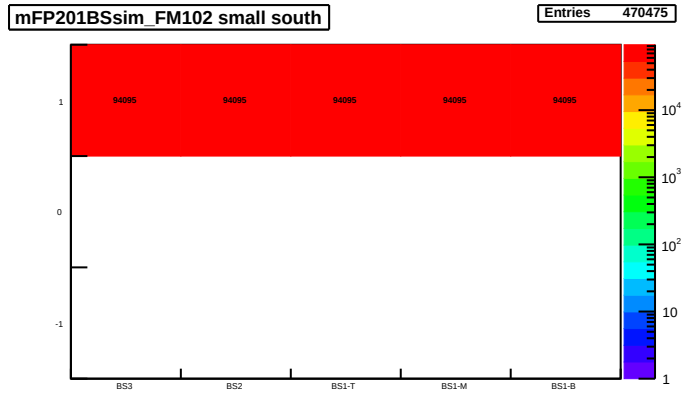
mFM104JP -- South -- Bottom -- FM012
Entries 188190
JP-EF
Unused

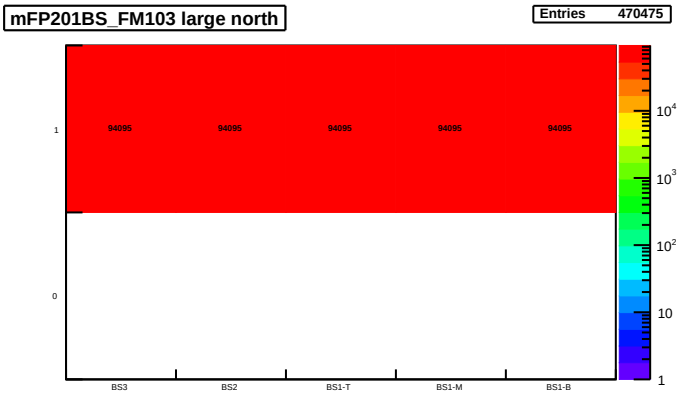

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

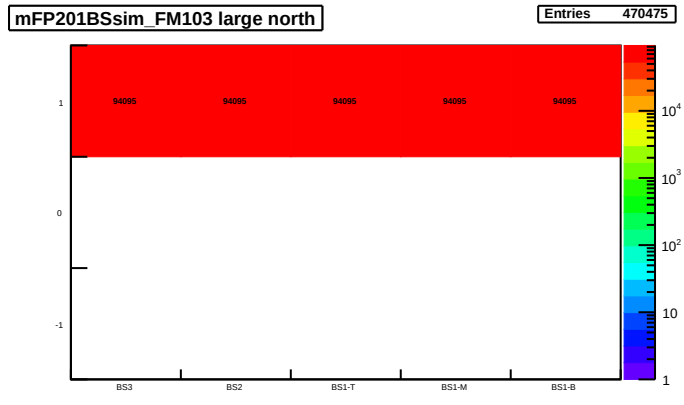

mFP201BS_FM101 small north
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

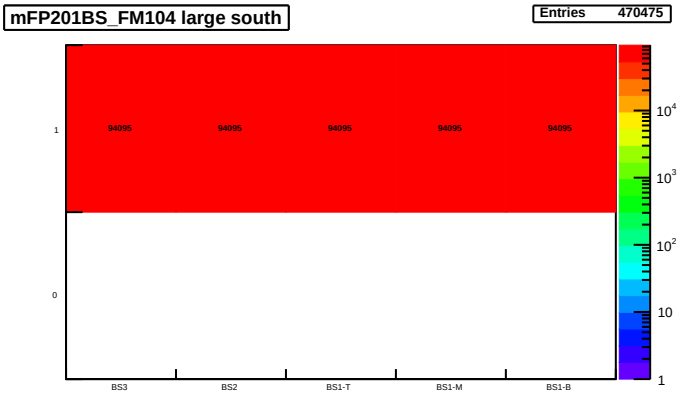

mFP201BSsim_FM101 small north
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

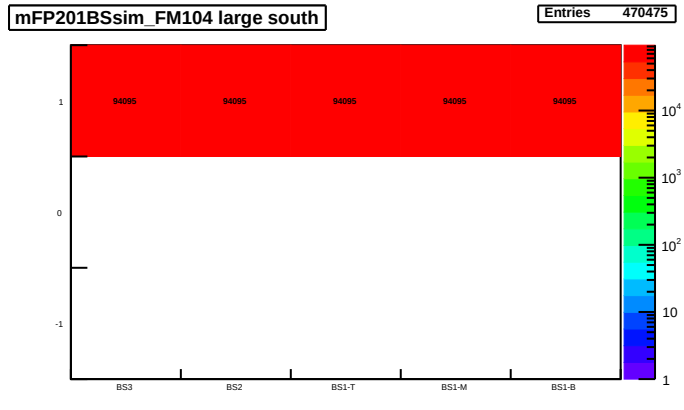

mFP201BS_FM102 small south
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

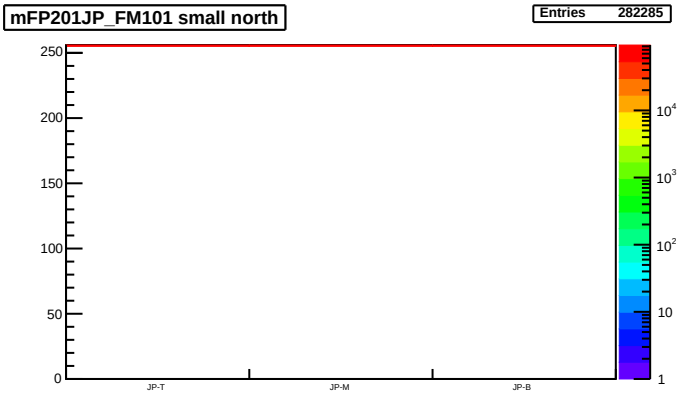

mFP201BSsim_FM102 small south
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

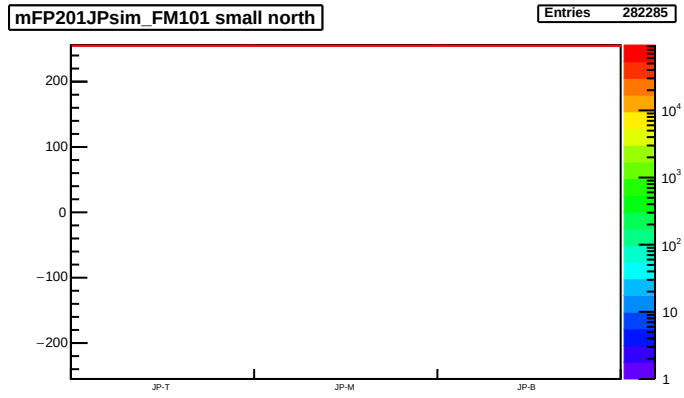

mFP201BS_FM103 large north
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

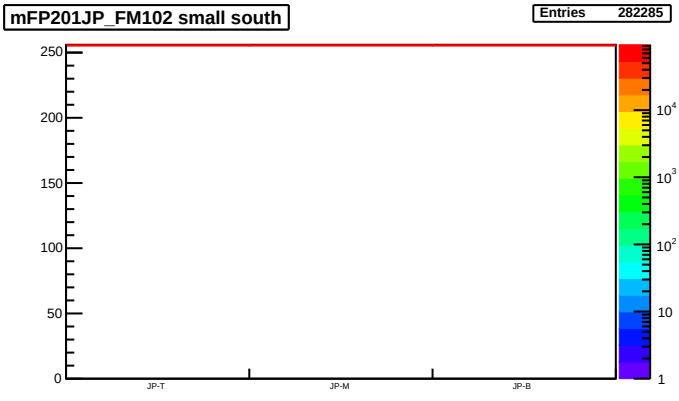

mFP201BSsim_FM103 large north
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

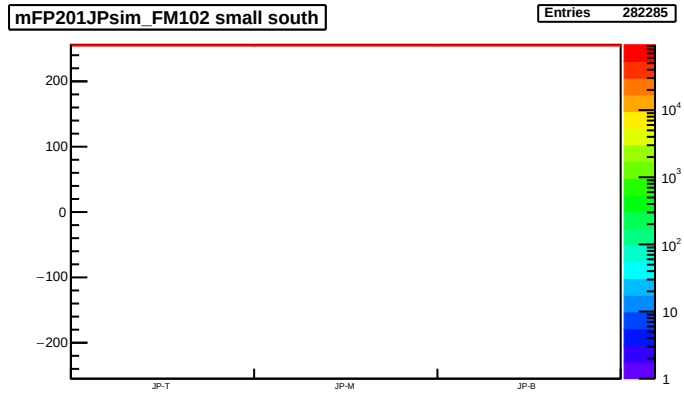

mFP201BS_FM104 large south
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

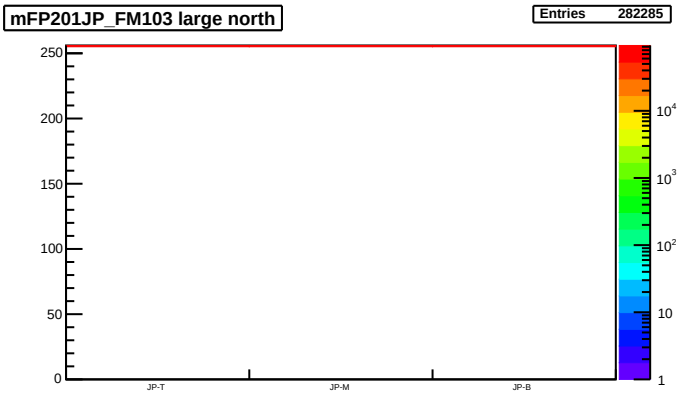

mFP201BSsim_FM104 large south
Entries 470475
94095
BS3
BS2
BS1-T
BS1-M
BS1-B

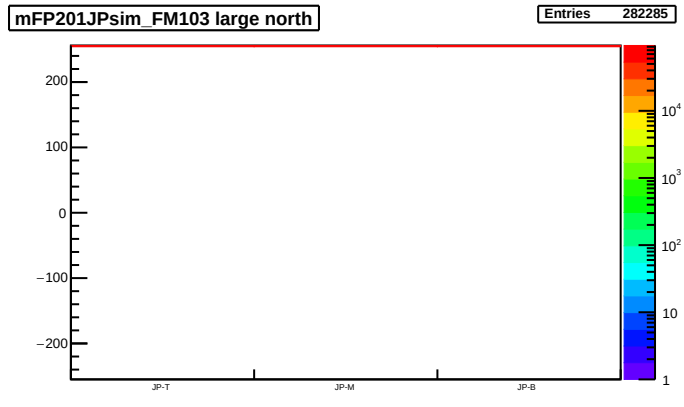

mFP201JP_FM101 small north
Entries 282285
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

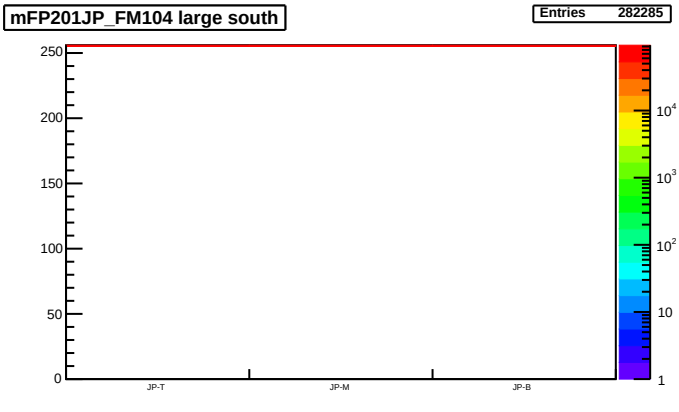

mFP201JPsim_FM101 small north
Entries 282285
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

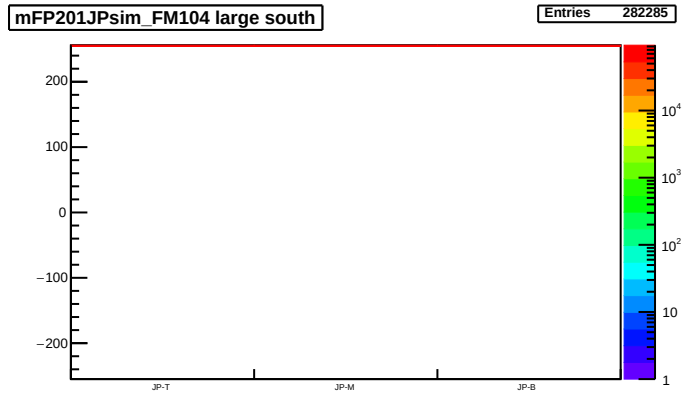

mFP201JP_FM102 small south
Entries 282285
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

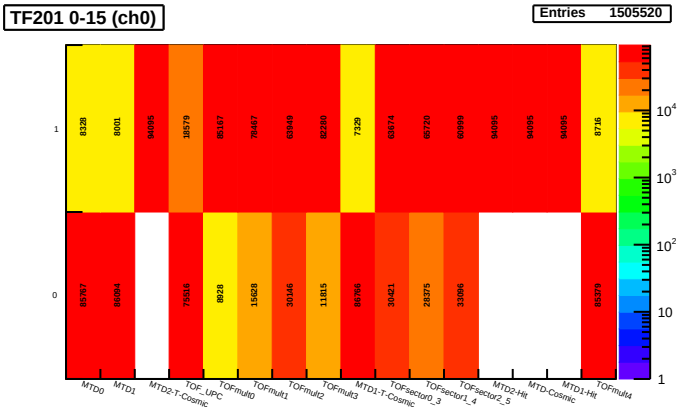

mFP201JPsim_FM102 small south
Entries 282285
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

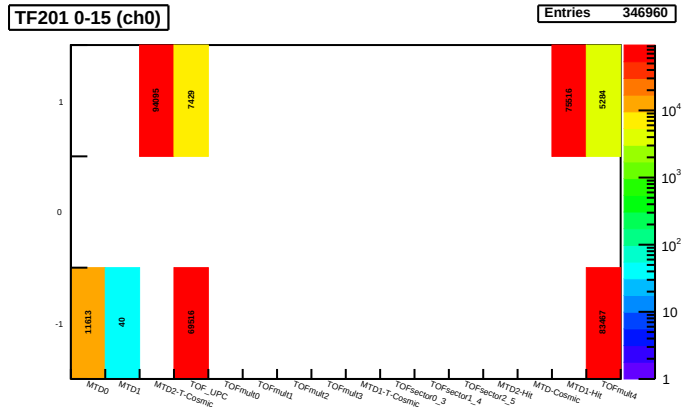

mFP201JP_FM103 large north
Entries 282285
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

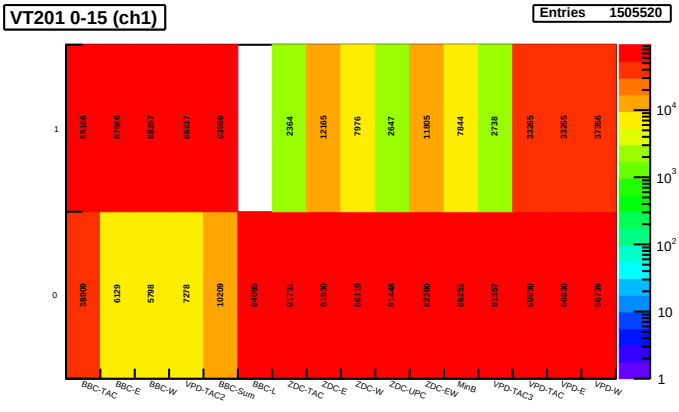

mFP201JPsim_FM103 large north
Entries 282285
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

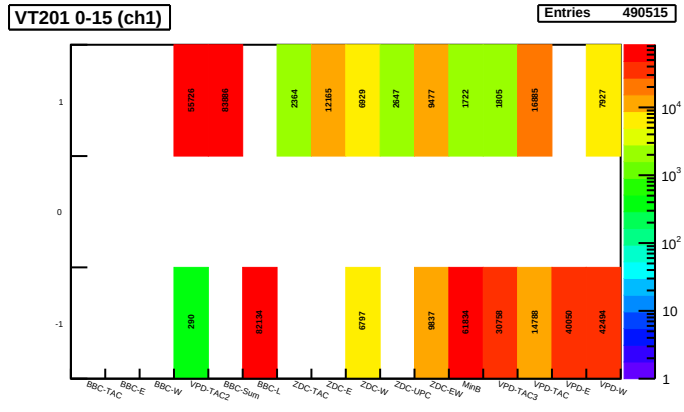

mFP201JP_FM104 large south
Entries 282285
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

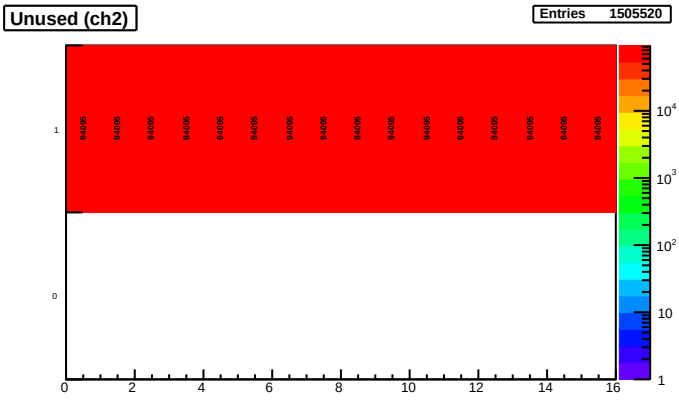

mFP201JPsim_FM104 large south
Entries 282285
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

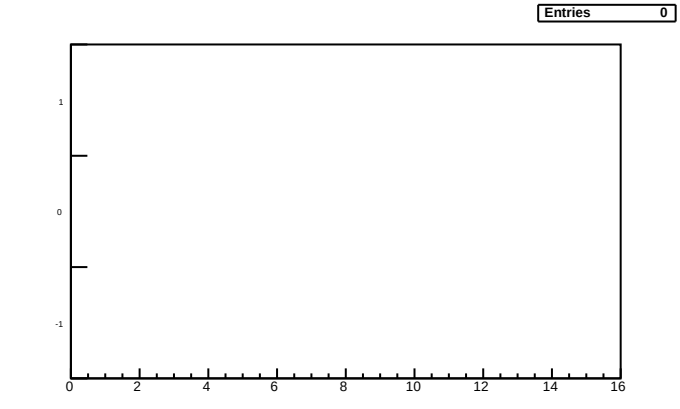

TF201 0-15 (ch0)
Entries 1505520
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

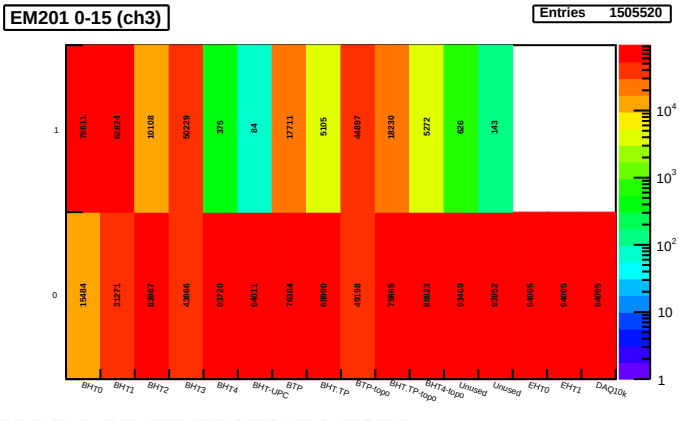

TF201 0-15 (ch0)
Entries 346960
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

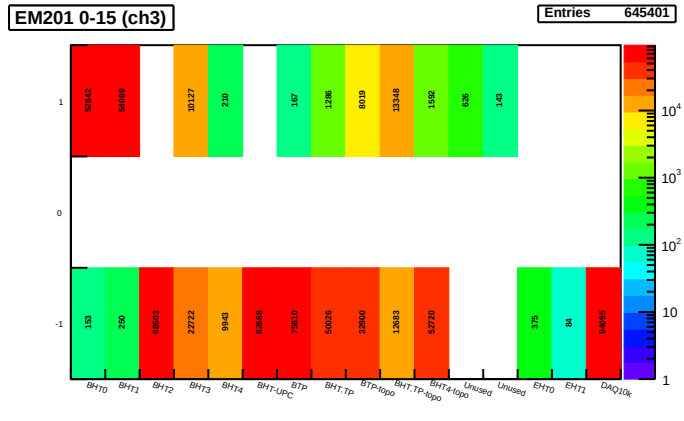

VT201 0-15 (ch1)
Entries 1505520
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

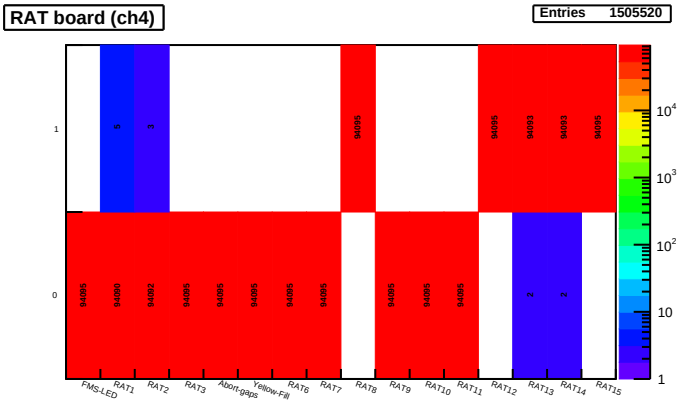

VT201 0-15 (ch1)
Entries 490515
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

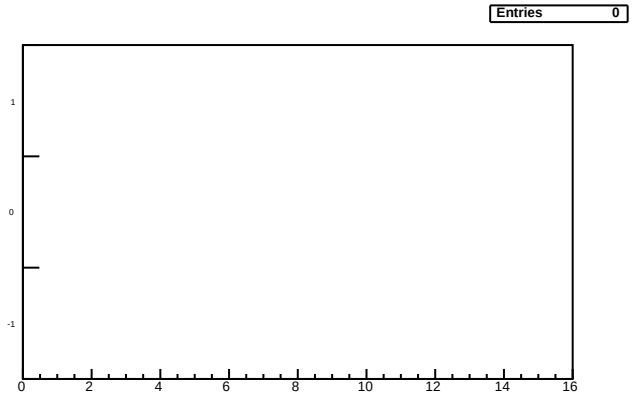

Unused (ch2)
Entries 1505520

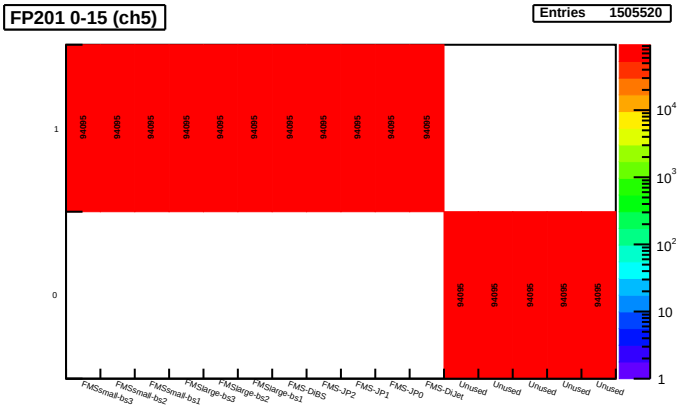

Entries 0

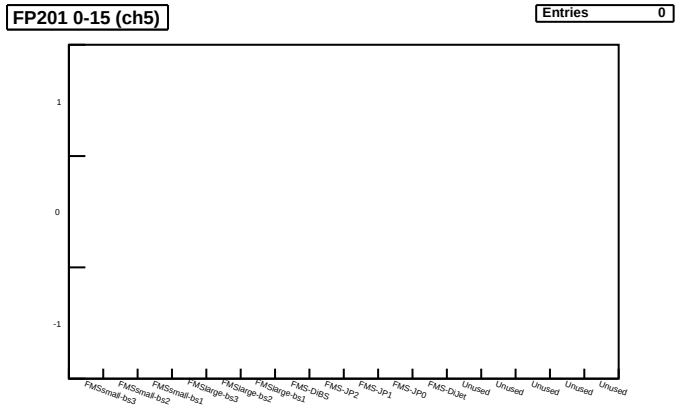

EM201 0-15 (ch3)
Entries 1505520
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

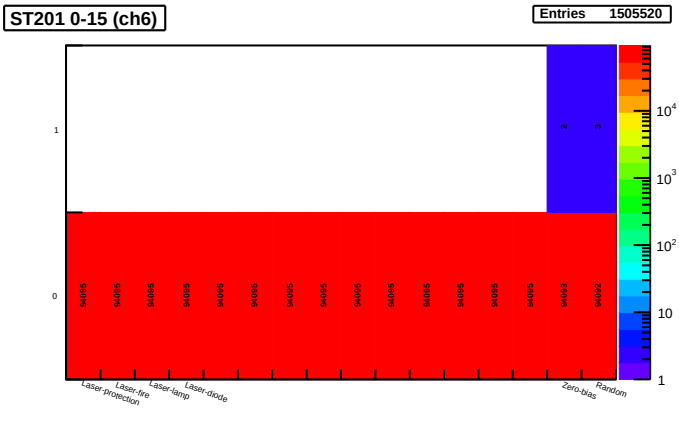

EM201 0-15 (ch3)
Entries 645401
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

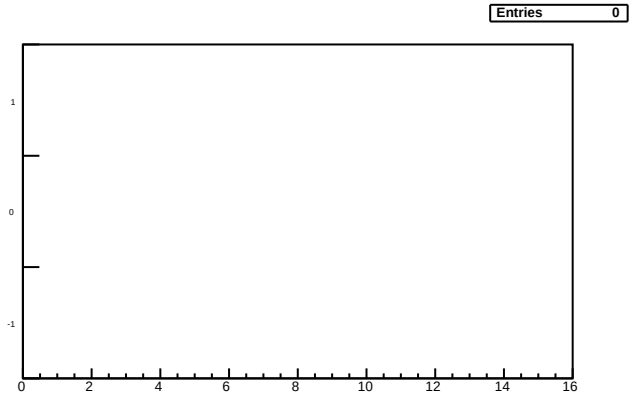

RAT board (ch4)
Entries 1505520
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

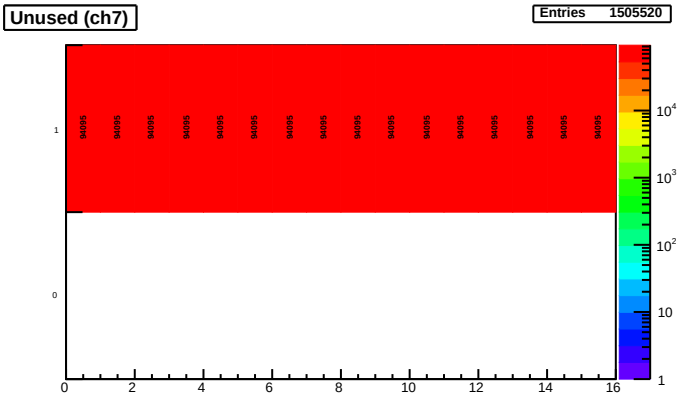

Entries 0


FP201 0-15 (ch5)
Entries 1505520
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 1505520
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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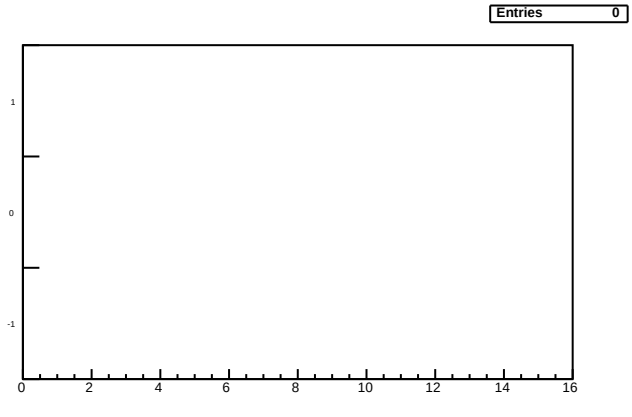
Entries 1505520


Entries 0