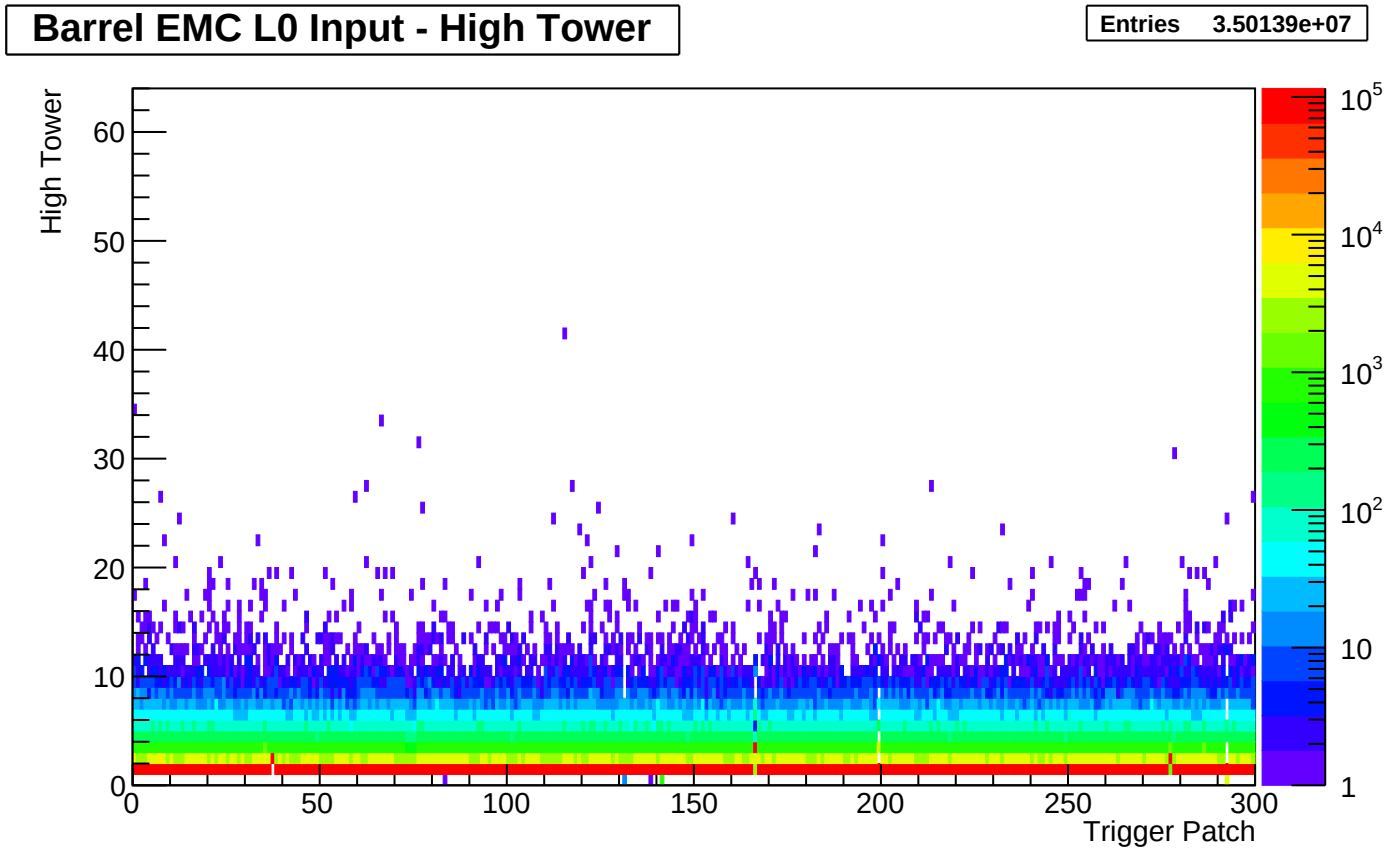
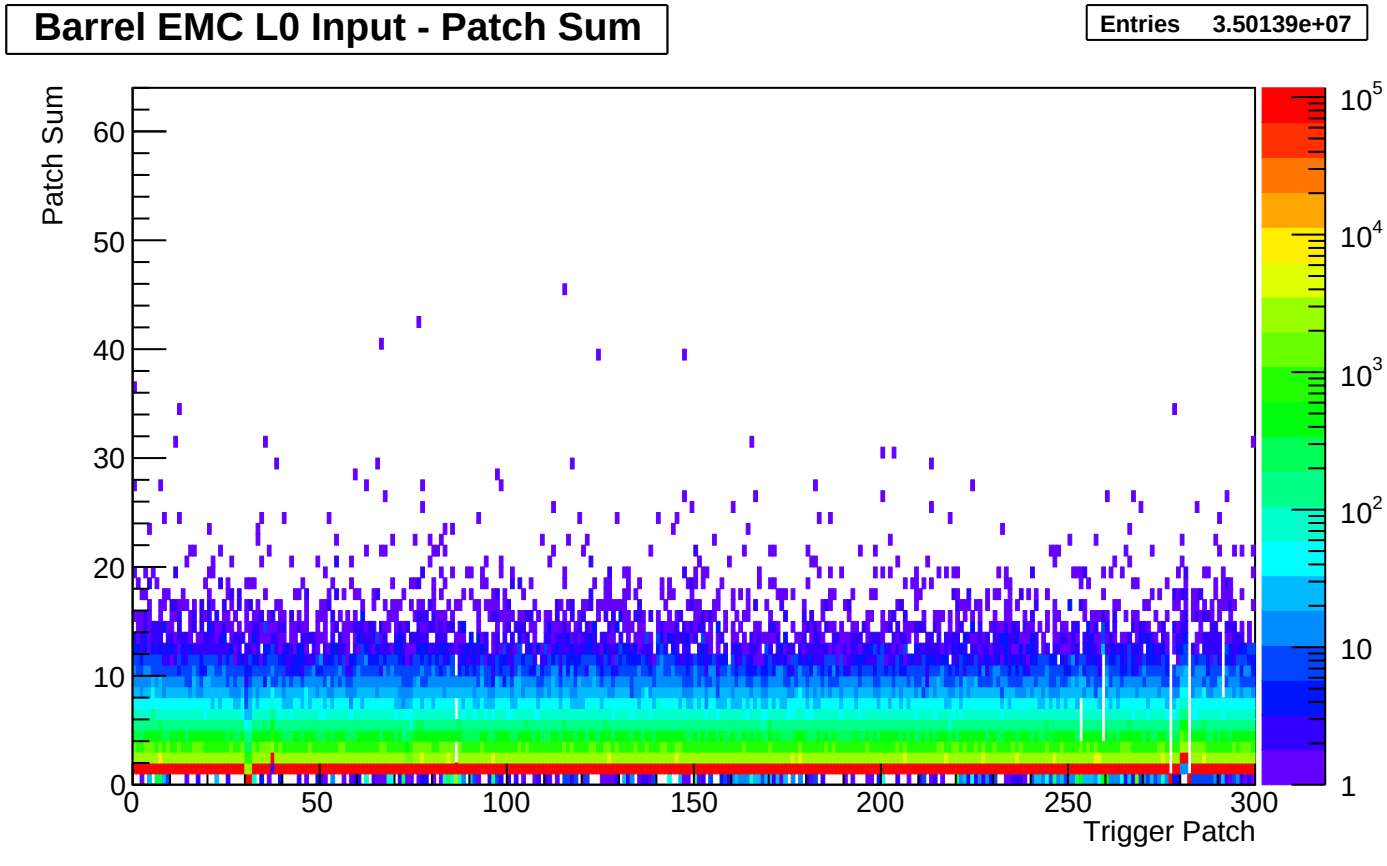
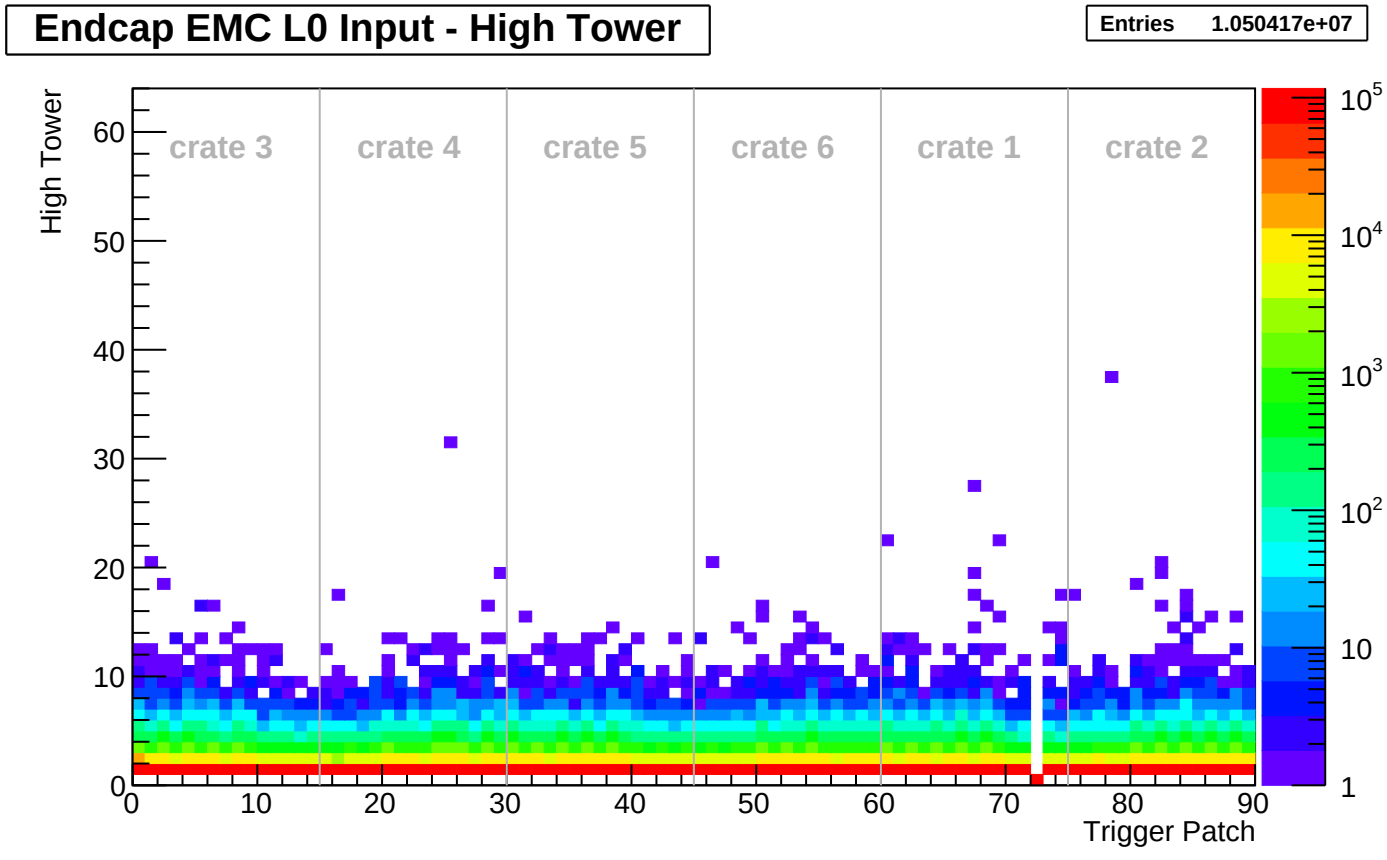
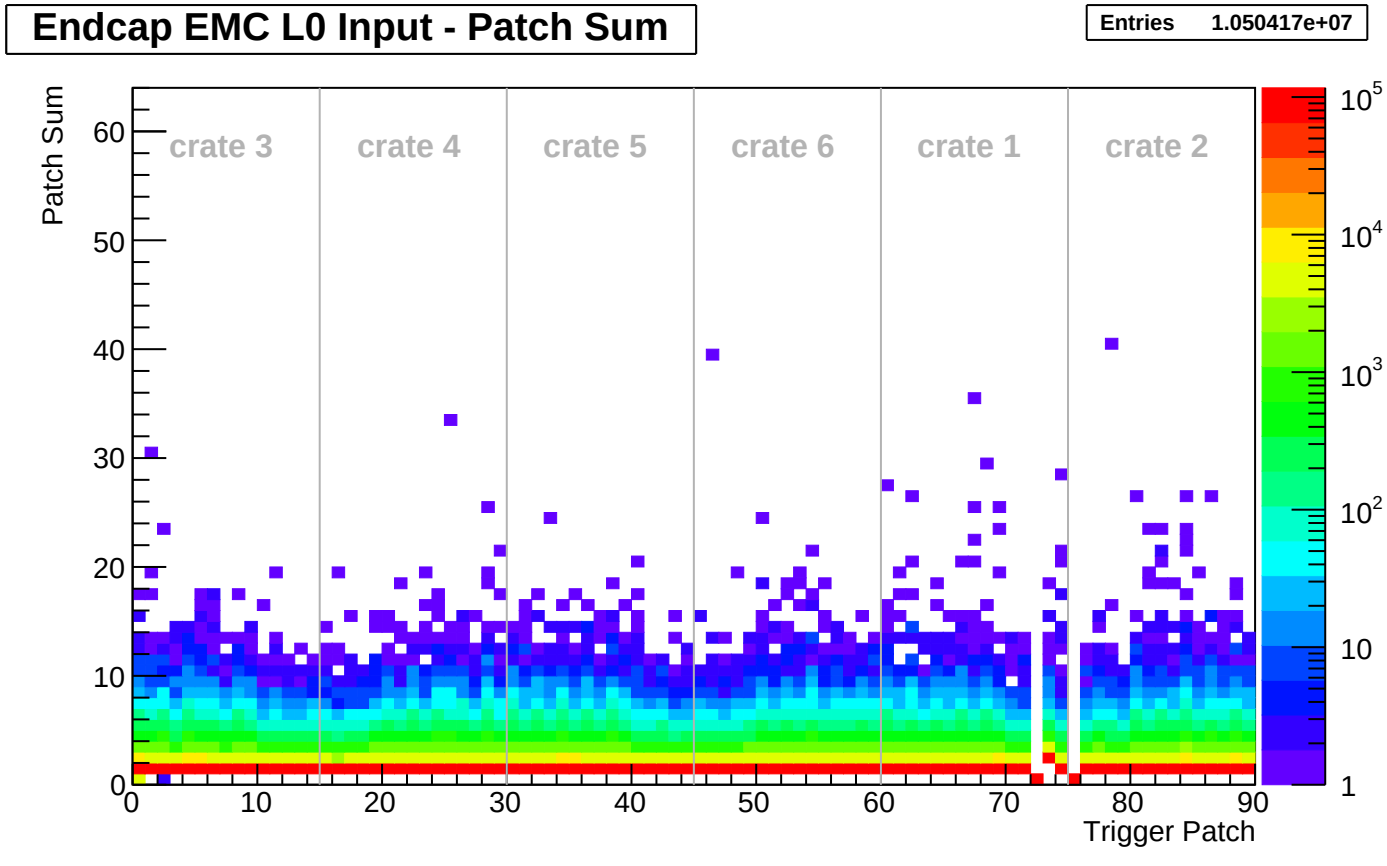
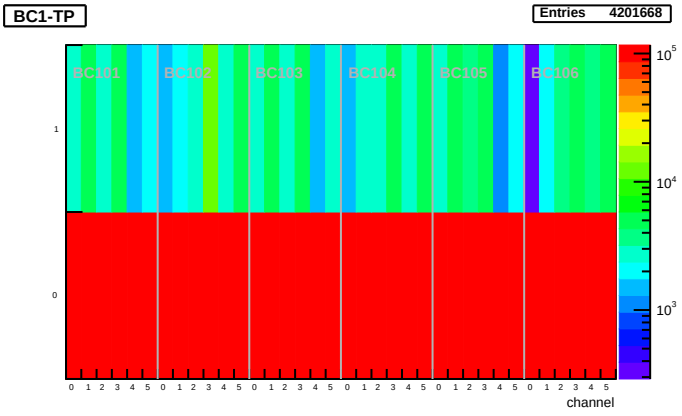
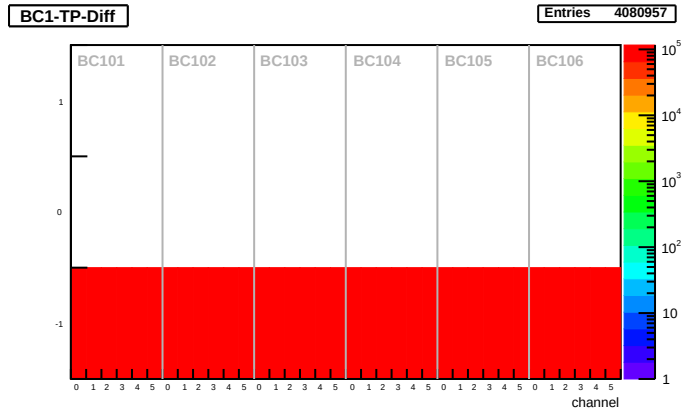

Barrel EMC L0 Input - High Tower
Entries 3.50139e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

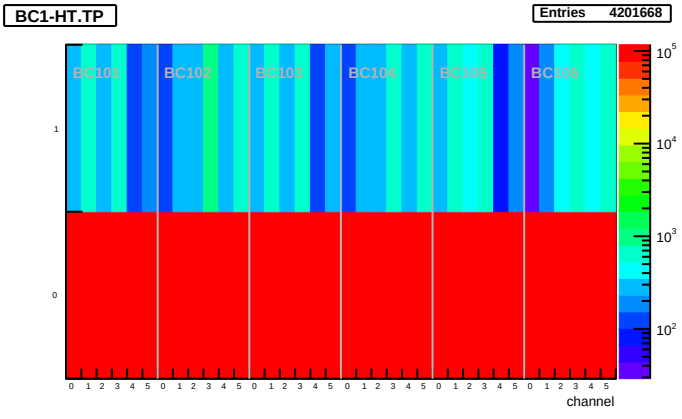

Barrel EMC L0 Input - Patch Sum
Entries 3.50139e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

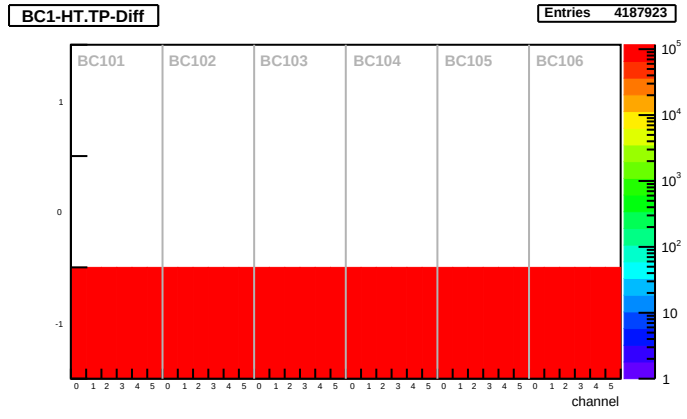

Endcap EMC L0 Input - High Tower
Entries 1.050417e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

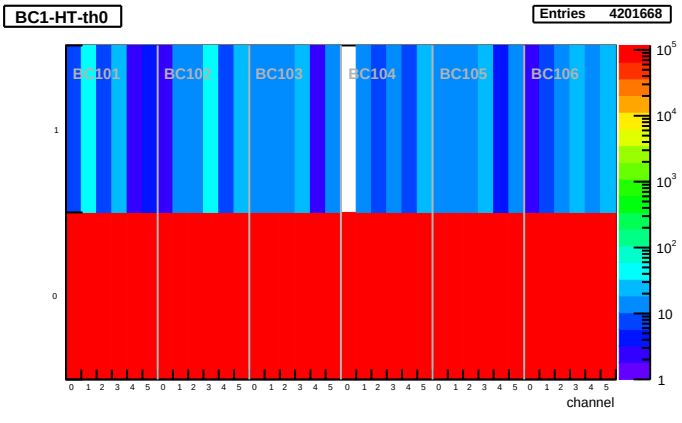

Endcap EMC L0 Input - Patch Sum
Entries 1.050417e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

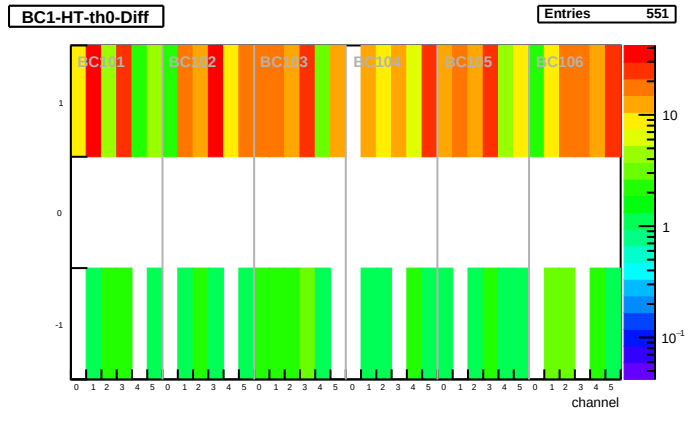

BC1-TP
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

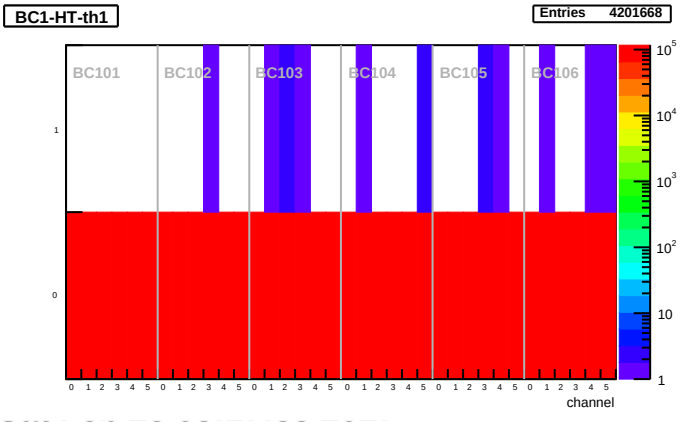

BC1-TP-Diff
Entries 4080957
BC101
BC102
BC103
BC104
BC105
BC106
channel

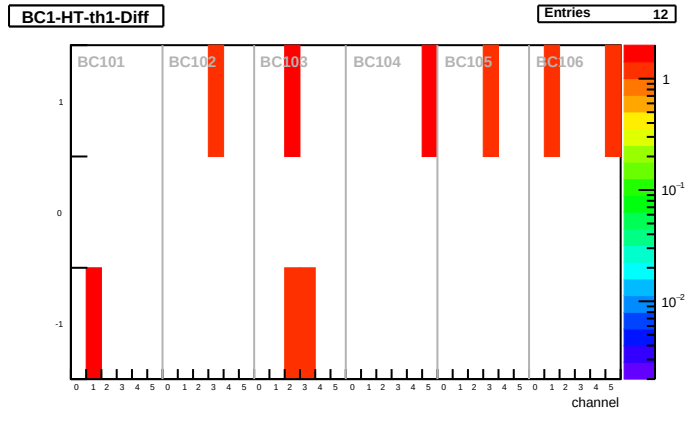

BC1-HT.TP
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

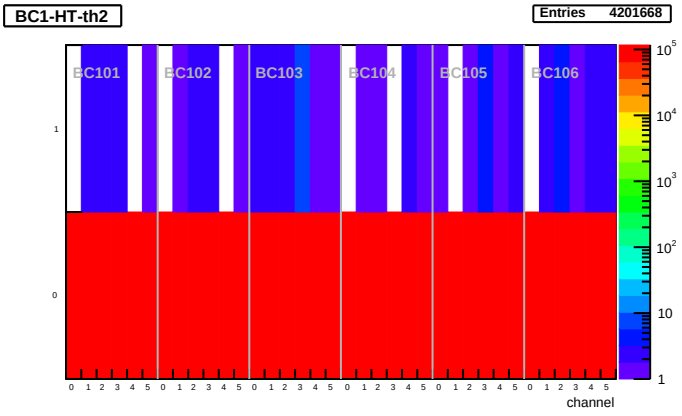

BC1-HT.TP-Diff
Entries 4187923
BC101
BC102
BC103
BC104
BC105
BC106
channel

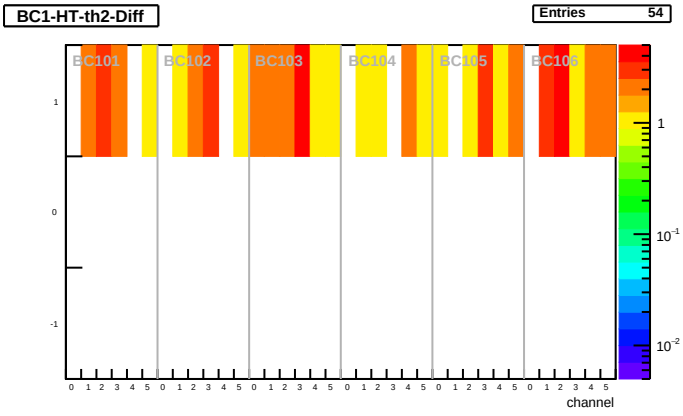

BC1-HT-th0
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

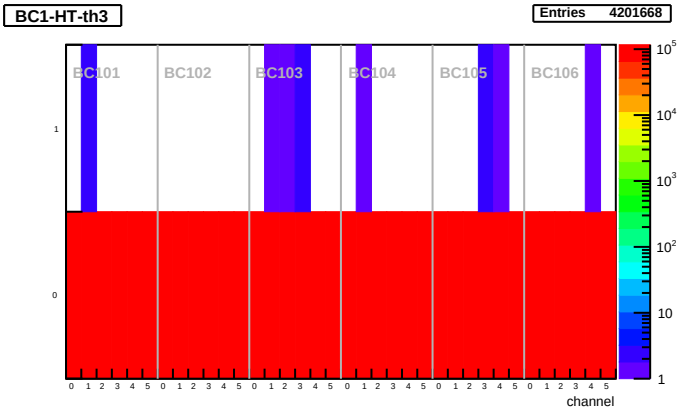

BC1-HT-th0-Diff
Entries 551
BC101
BC102
BC103
BC104
BC105
BC106
channel

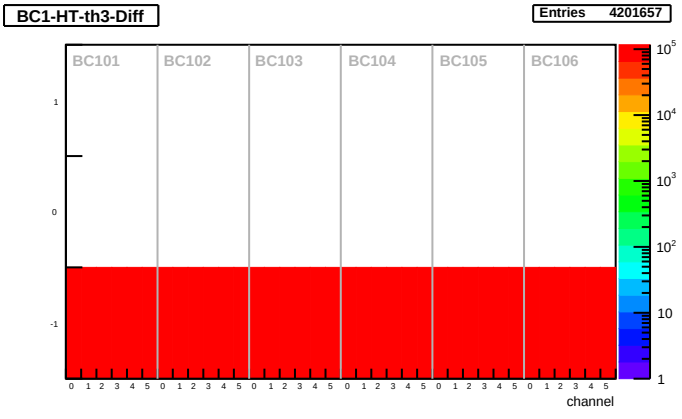

BC1-HT-th1
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

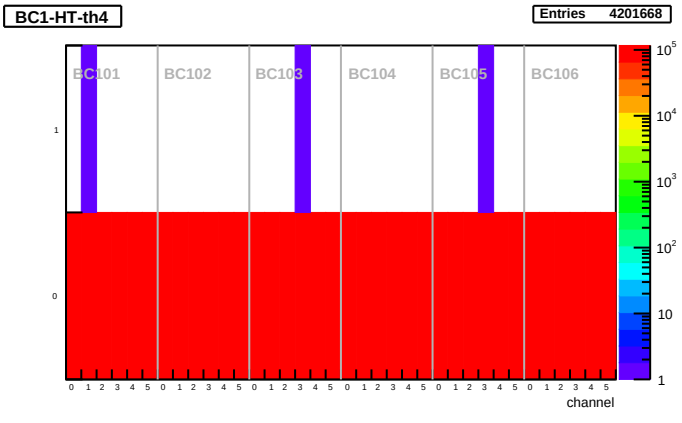

BC1-HT-th1-Diff
Entries 12
BC101
BC102
BC103
BC104
BC105
BC106
channel

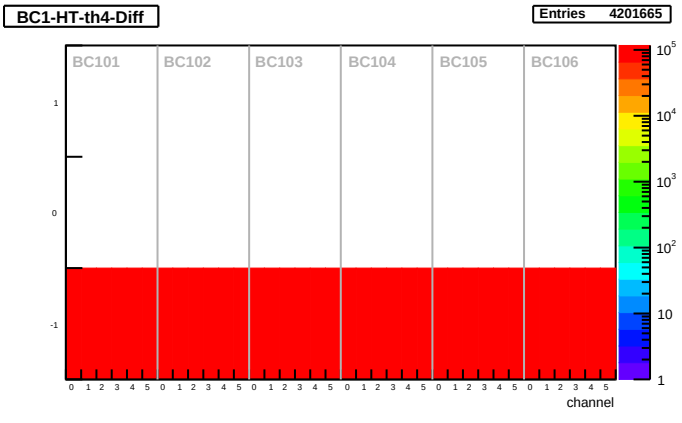

BC1-HT-th2
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

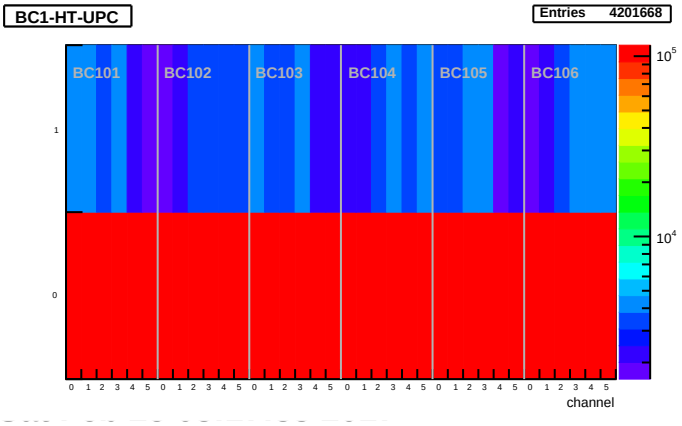

BC1-HT-th2-Diff
Entries 54
BC101
BC102
BC103
BC104
BC105
BC106
channel

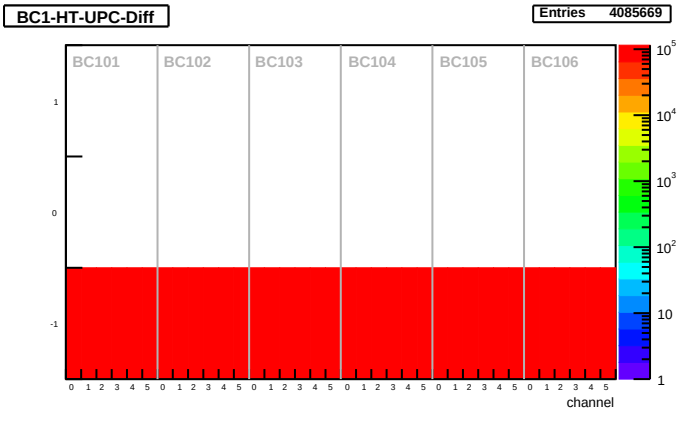

BC1-HT-th3
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

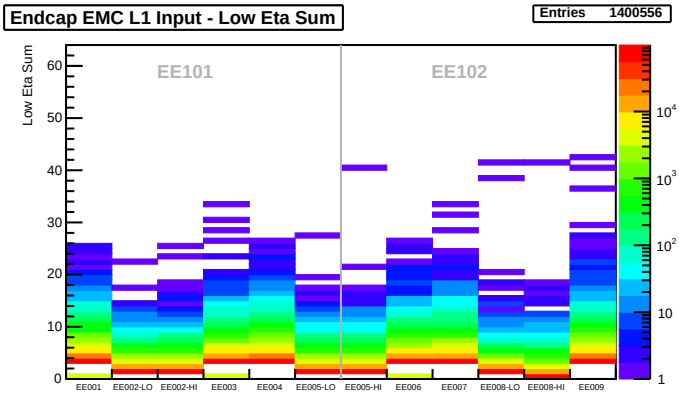

BC1-HT-th3-Diff
Entries 4201657
BC101
BC102
BC103
BC104
BC105
BC106
channel

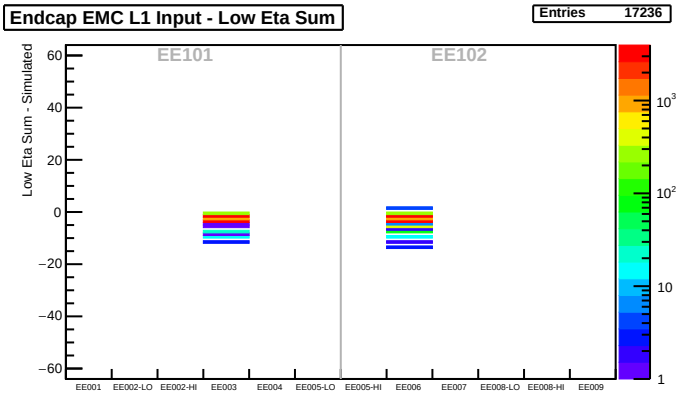

BC1-HT-th4
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

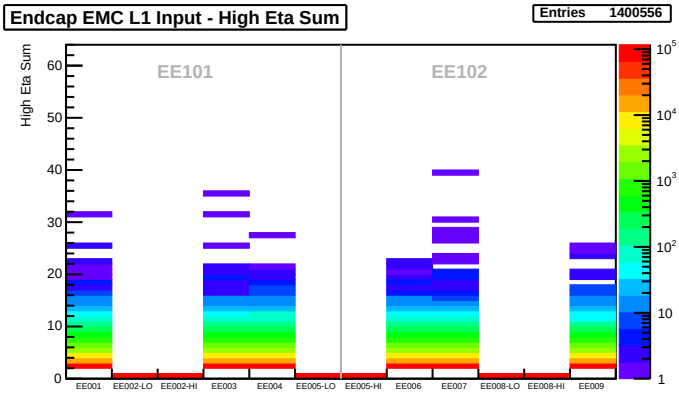

BC1-HT-th4-Diff
Entries 4201665
BC101
BC102
BC103
BC104
BC105
BC106
channel

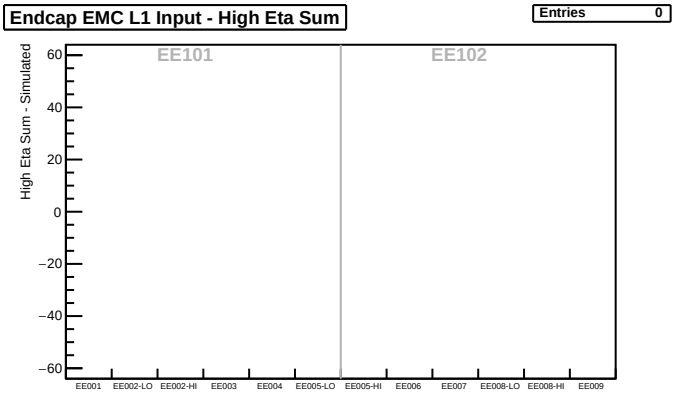

BC1-HT-UPC
Entries 4201668
BC101
BC102
BC103
BC104
BC105
BC106
channel

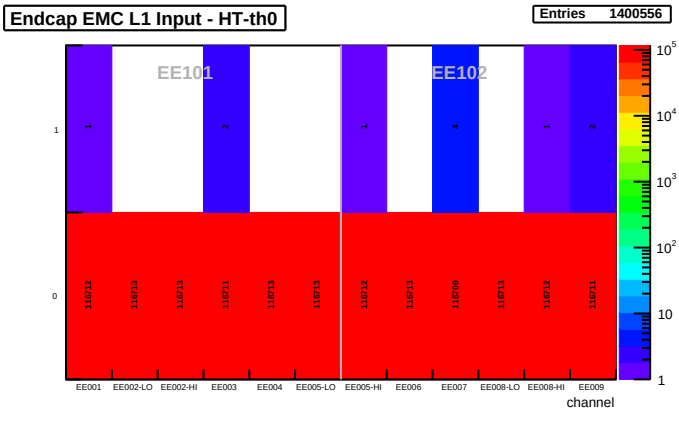

BC1-HT-UPC-Diff
Entries 4085669
BC101
BC102
BC103
BC104
BC105
BC106
channel

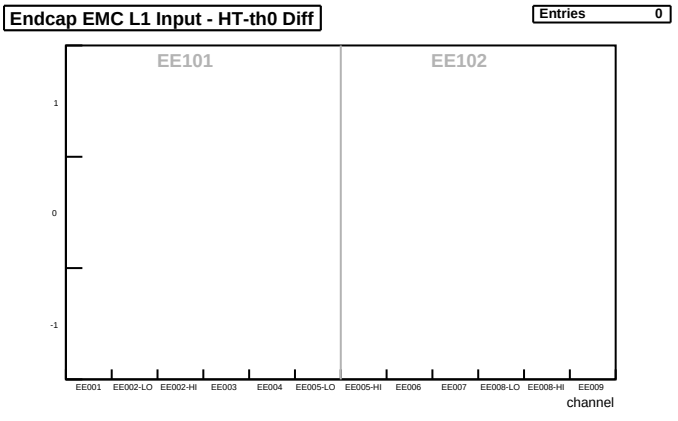

Endcap EMC L1 Input - Low Eta Sum
Entries 1400556
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

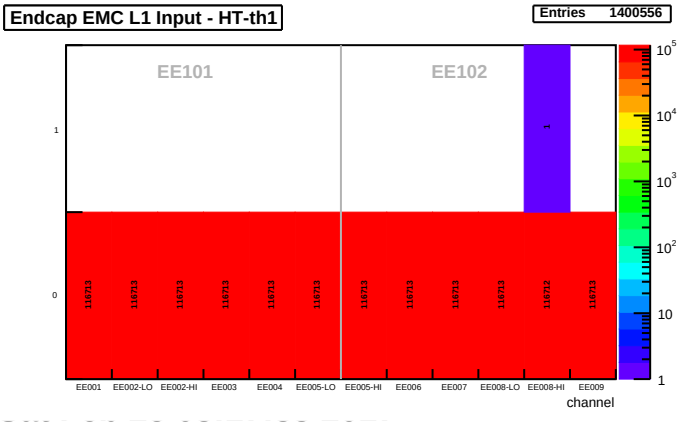

Endcap EMC L1 Input - Low Eta Sum
Entries 17236
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

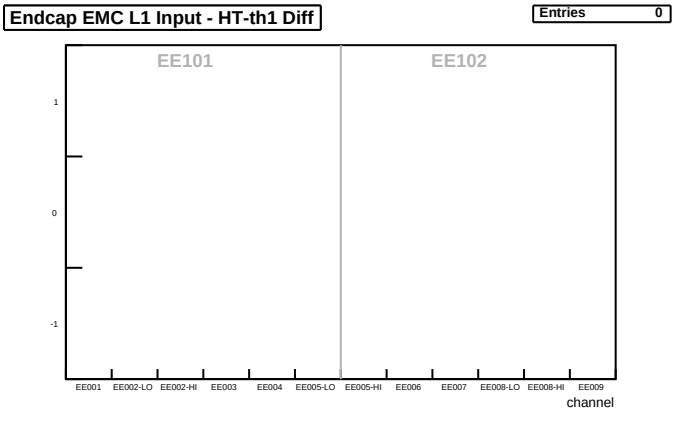

Endcap EMC L1 Input - High Eta Sum
Entries 1400556
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

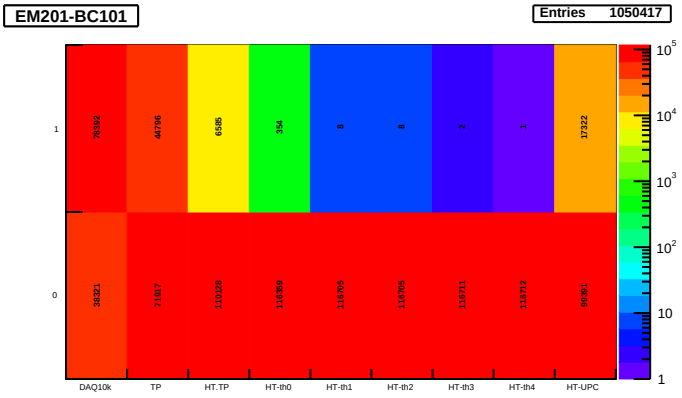

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

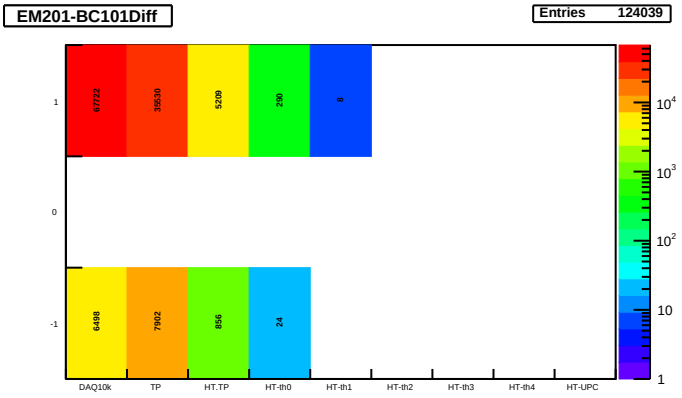

Endcap EMC L1 Input - HT-th0
Entries 1400556
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

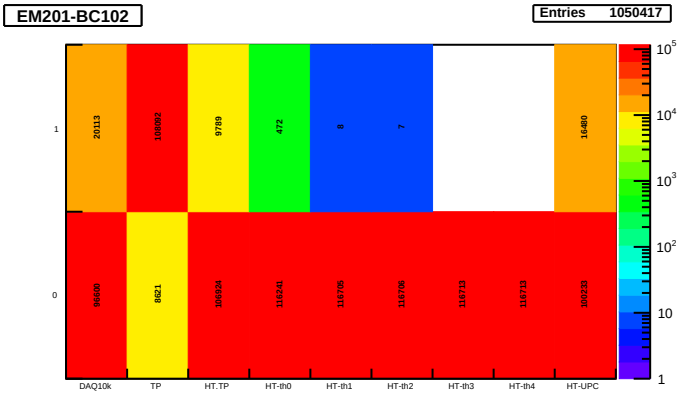

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

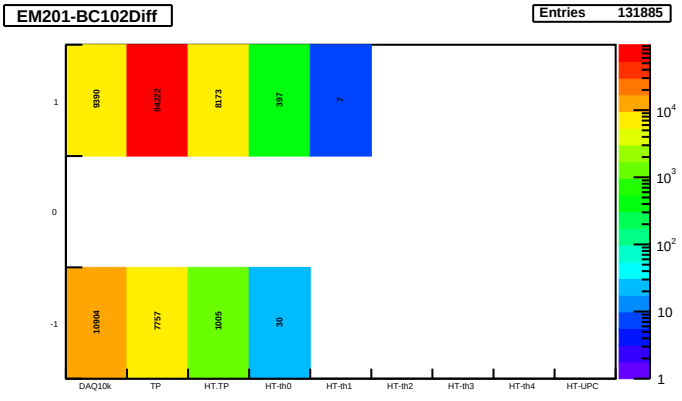

Endcap EMC L1 Input - HT-th1
Entries 1400556
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

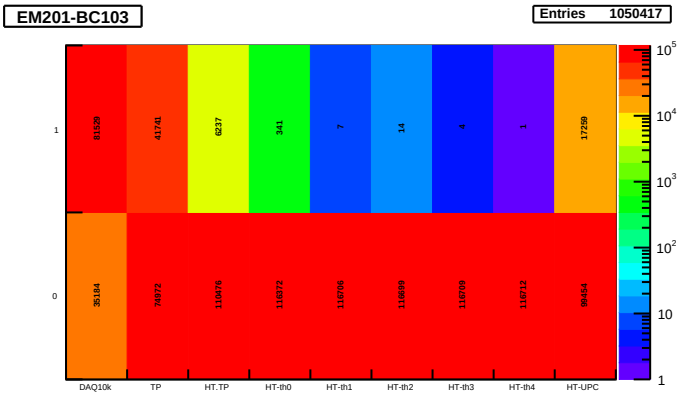

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

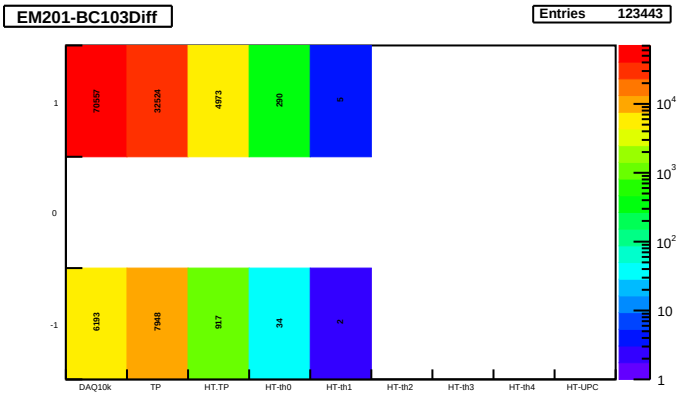

EM201-BC101
Entries 1050417
1
0
78392
44796
6585
394
8
8
2
1
17322
38321
71917
110128
116359
116705
116705
116711
116712
99391
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

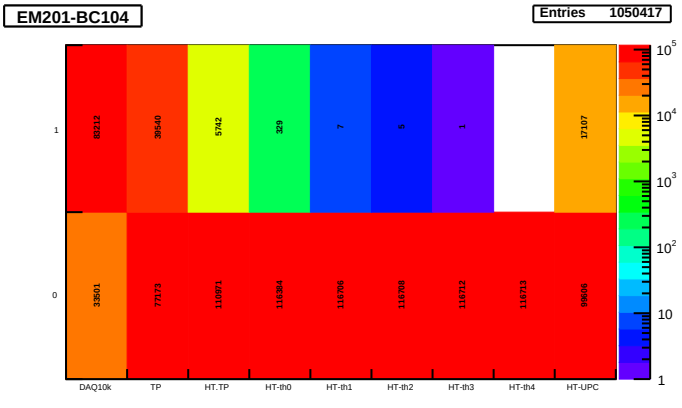

EM201-BC101Diff
Entries 124039
1
0
-1
67722
35530
5209
290
8
6498
7902
856
24
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

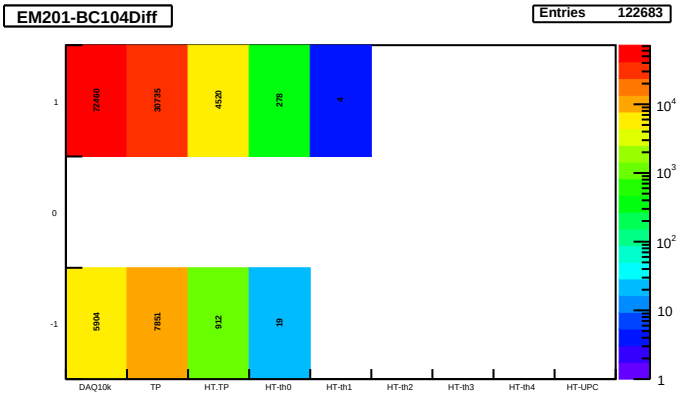

EM201-BC102
Entries 1050417
1
0
20113
103802
9789
472
8
7
16480
96600
8621
106934
116241
116705
116706
116713
116713
100233
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 131885
1
0
-1
9990
94222
8173
397
7
10904
7757
1005
30
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 1050417
1
0
81529
41741
6237
341
7
14
4
1
17239
35184
74972
119476
116372
116706
116699
116709
116712
99454
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

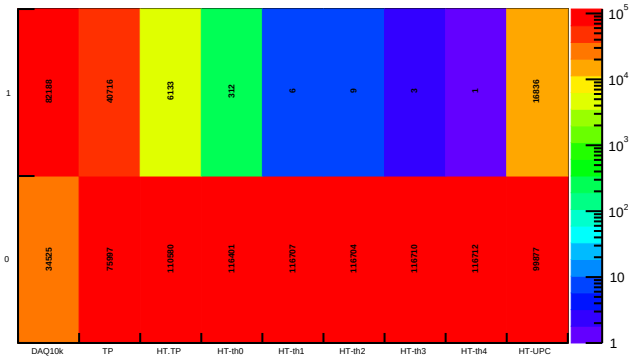

EM201-BC103Diff
Entries 123443
1
0
-1
70557
32534
4973
290
5
6193
7948
917
34
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104
Entries 1050417
1
0
82212
39540
5742
329
7
5
1
17107
35501
72173
110971
116384
116706
116708
116712
116713
99606
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 122683
1
0
-1
72460
30735
4520
278
4
5904
7851
912
19
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

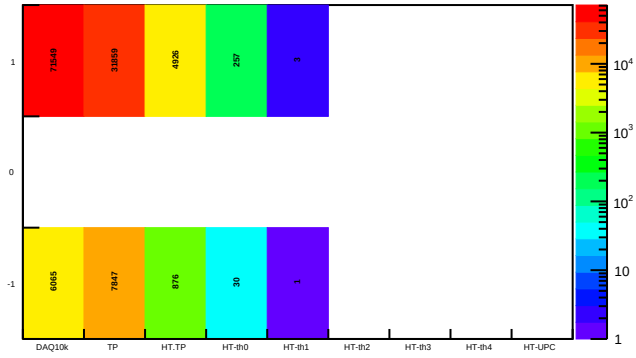
EM201-BC105

Entries 1050417



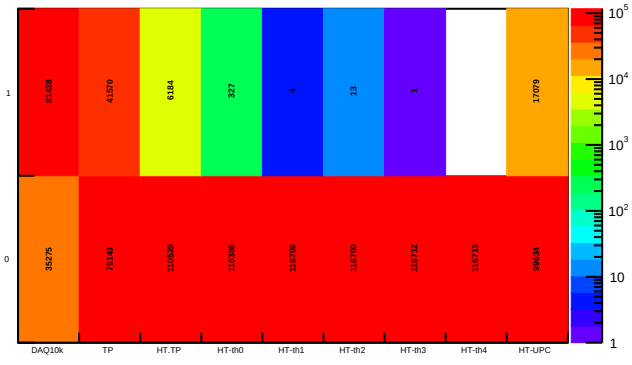
EM201-BC105Diff

Entries 123413



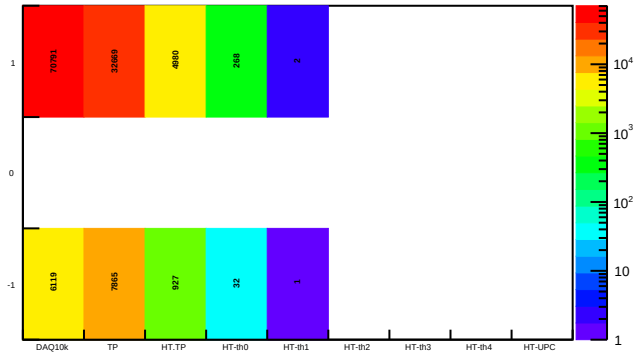
EM201-BC106

Entries 1050417



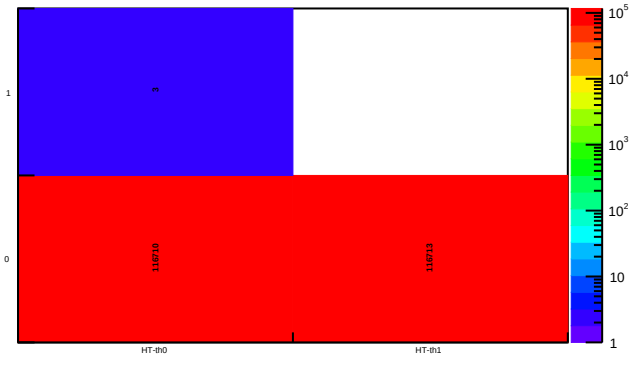
EM201-BC106Diff

Entries 123654



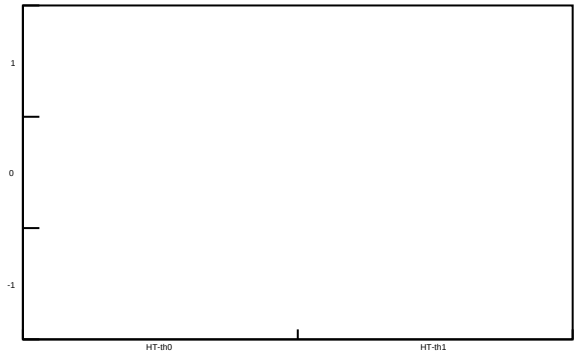
EM201-EE101

Entries 233426



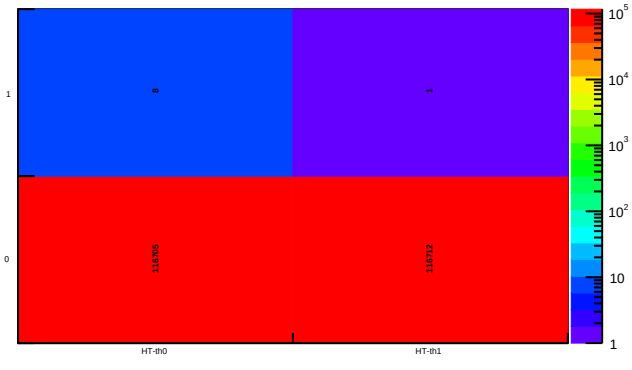
EM201-EE101Diff

Entries 0



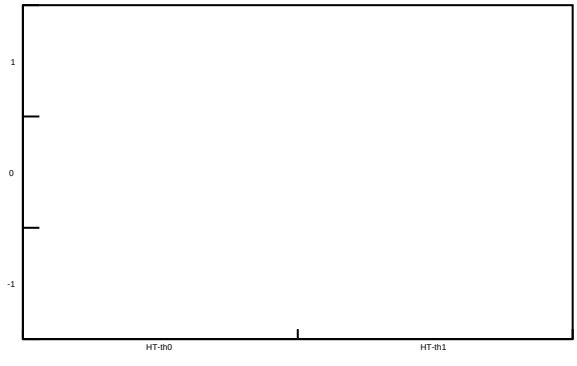
EM201-EE102

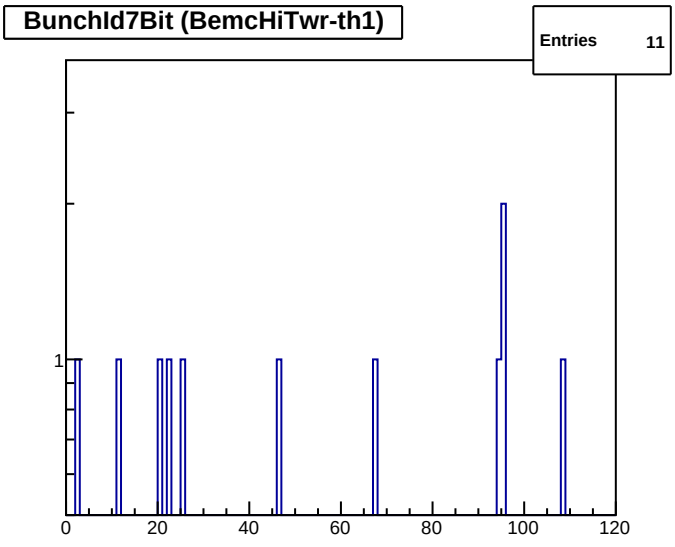
Entries 233426

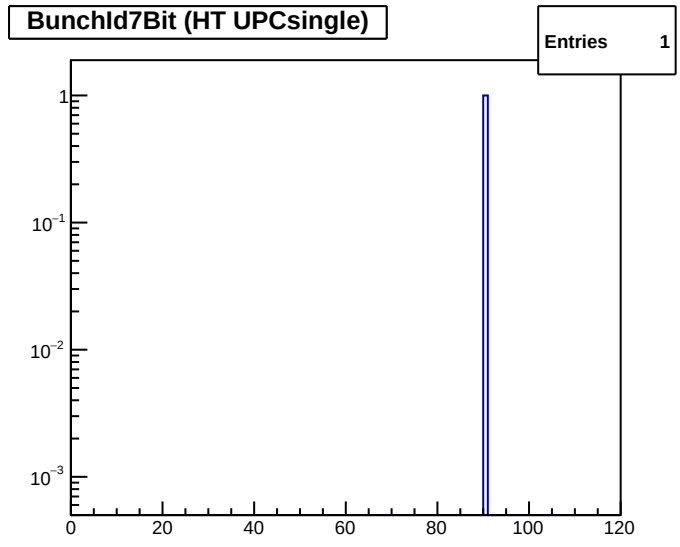


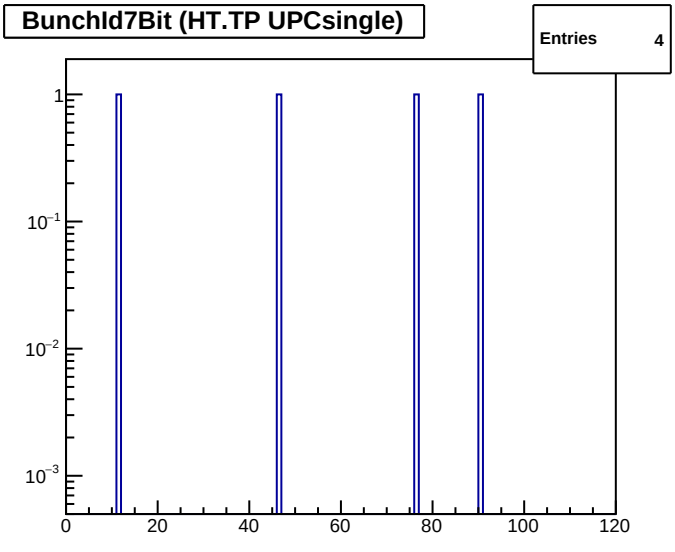
EM201-EE102Diff

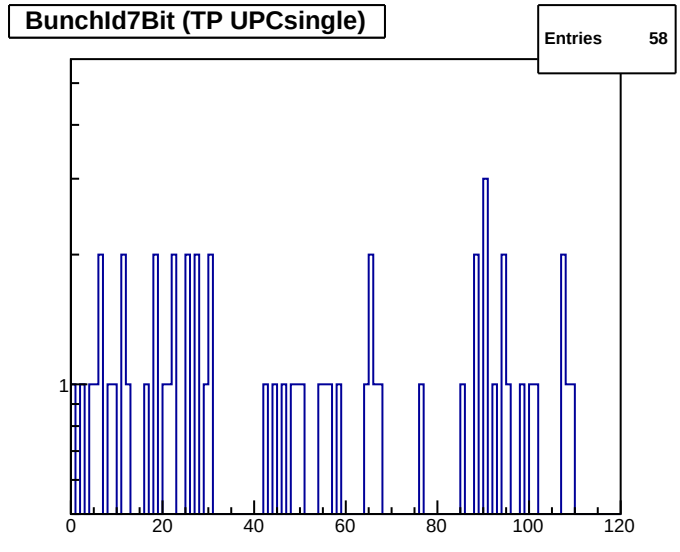
Entries 0

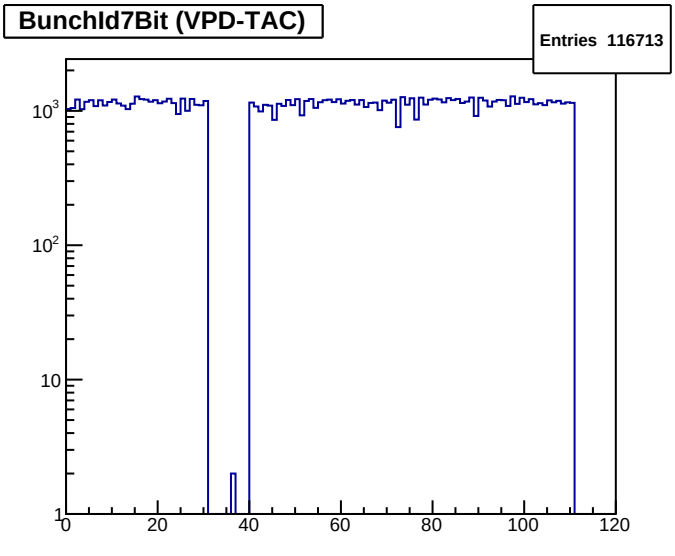


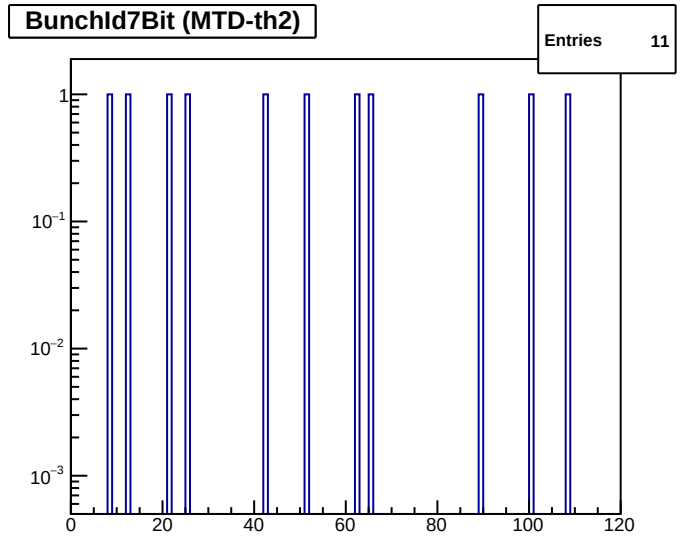

BunchId7Bit (BemcHiTwr-th1)
Entries 11
1
0 20 40 60 80 100 120

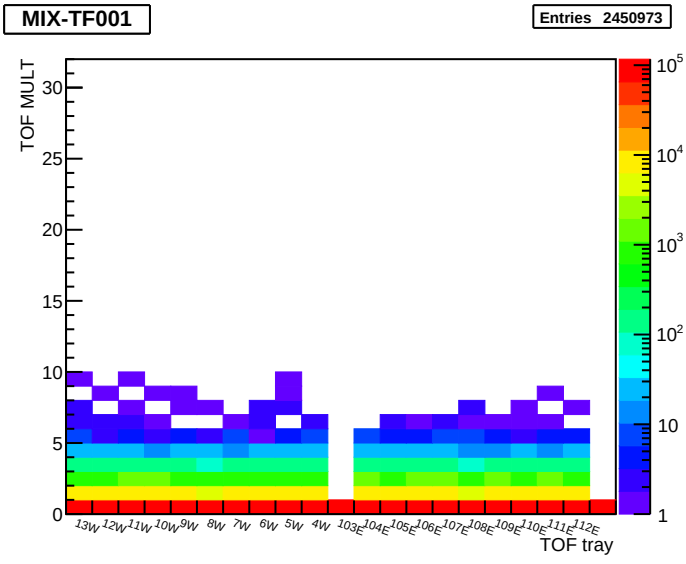

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

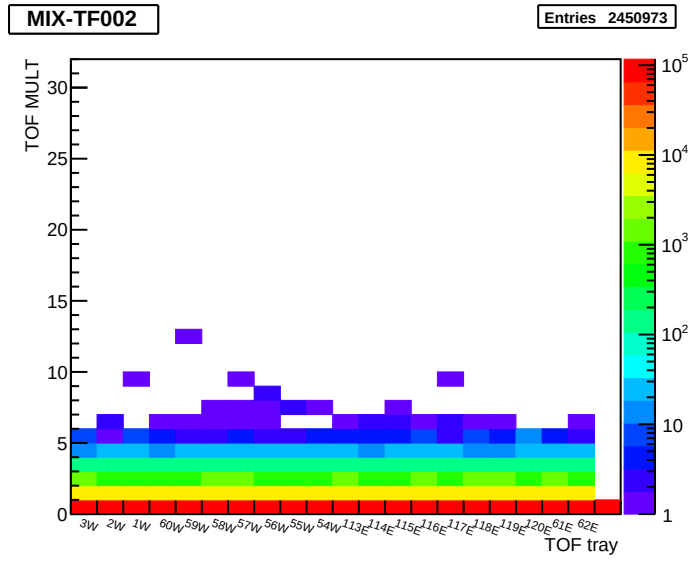

BunchId7Bit (HT.TP UPCsingle)
Entries 4
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

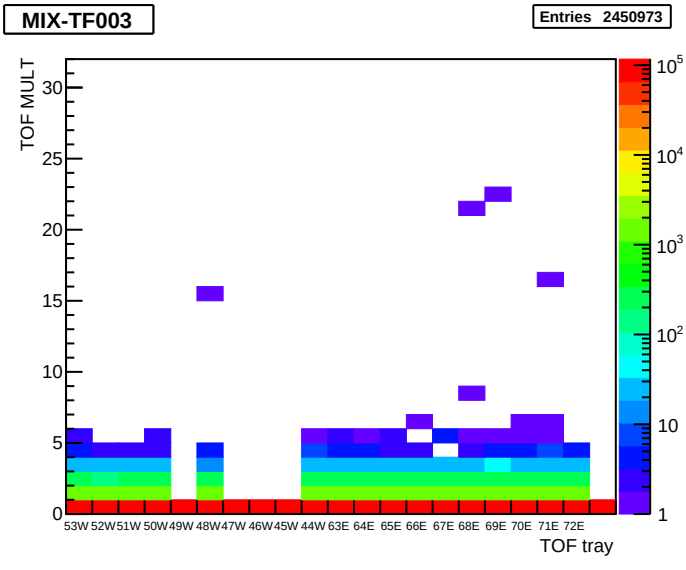

BunchId7Bit (TP UPCsingle)
Entries 58
1
0 20 40 60 80 100 120

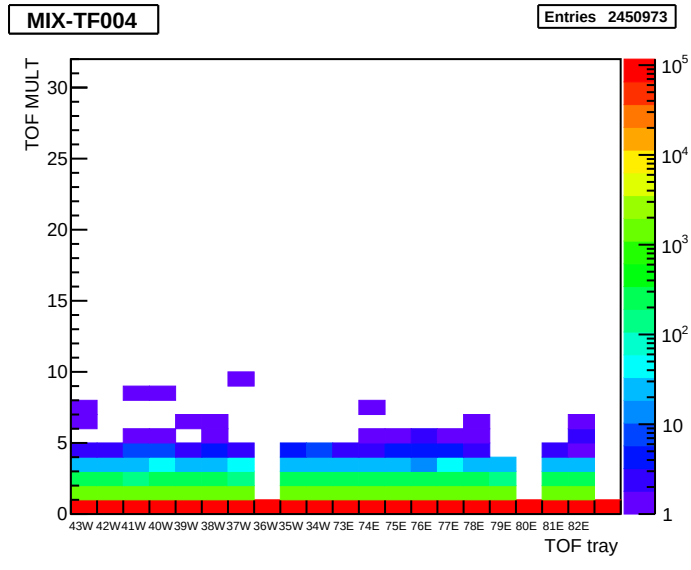

BunchId7Bit (VPD-TAC)
Entries 116713
10^3
10^2
10
1
0 20 40 60 80 100 120

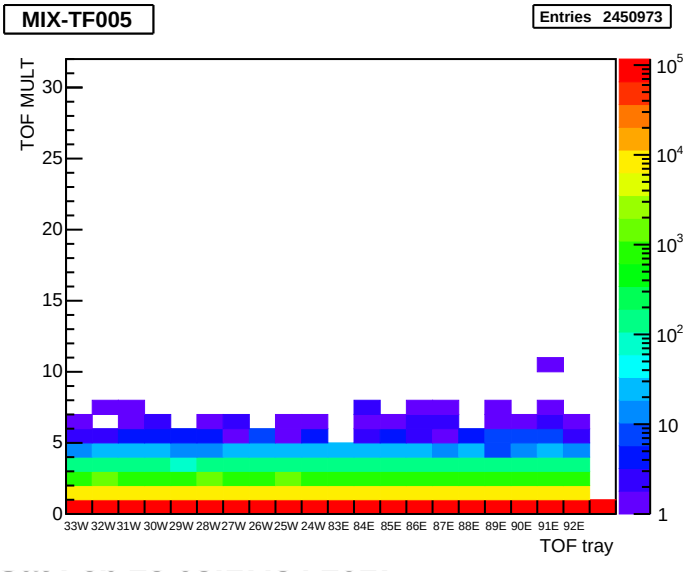

BunchId7Bit (MTD-th2)
Entries 11
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

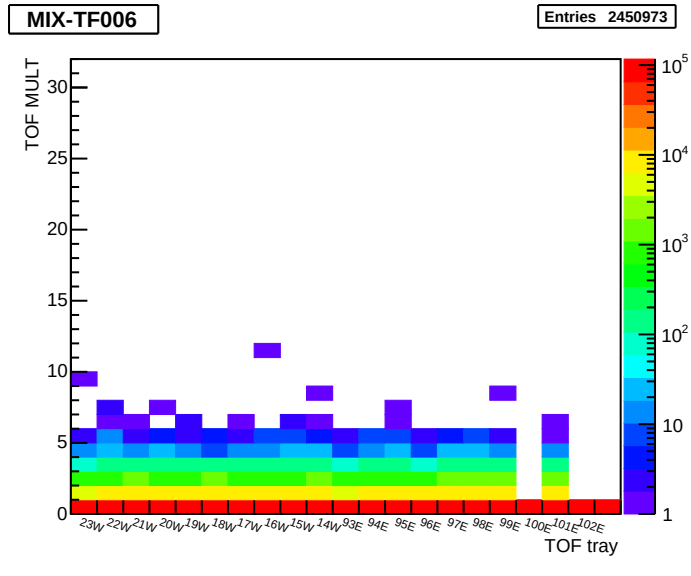

MIX-TF001
Entries 2450973
TOF MULT
TOF tray

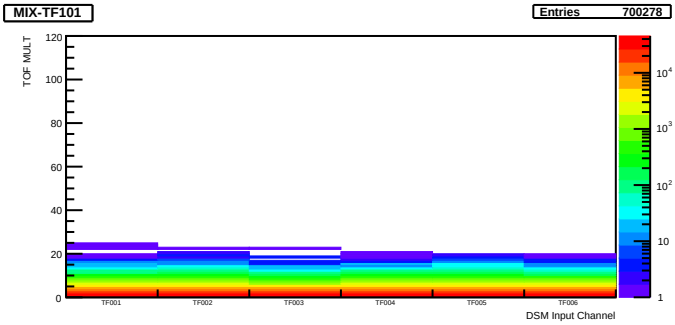

MIX-TF002
Entries 2450973
TOF MULT
TOF tray

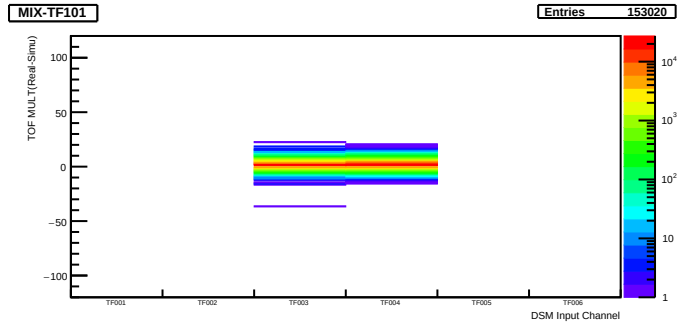

MIX-TF003
Entries 2450973
TOF MULT
TOF tray

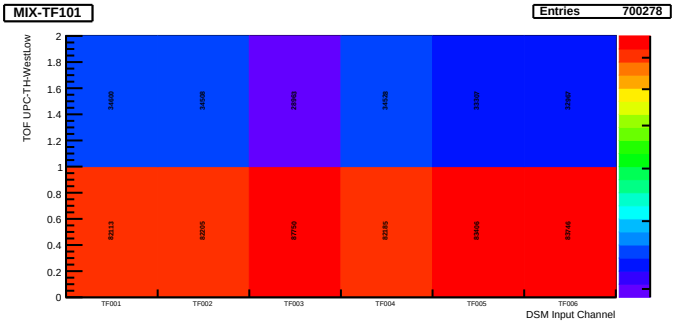

MIX-TF004
Entries 2450973
TOF MULT
TOF tray

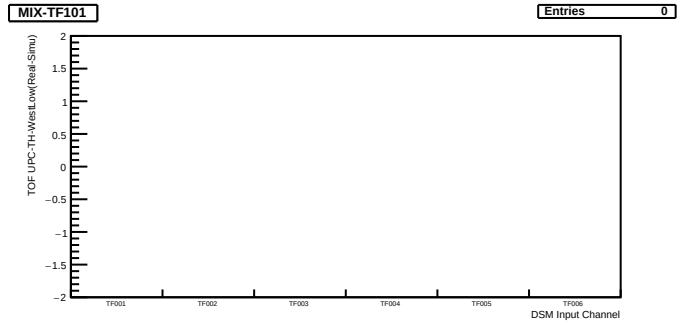

MIX-TF005
Entries 2450973
TOF MULT
TOF tray

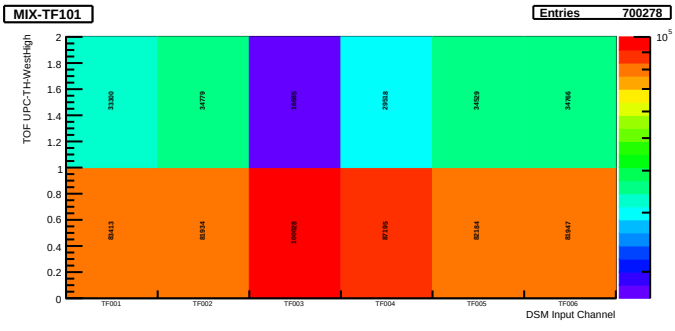

MIX-TF006
Entries 2450973
TOF MULT
TOF tray

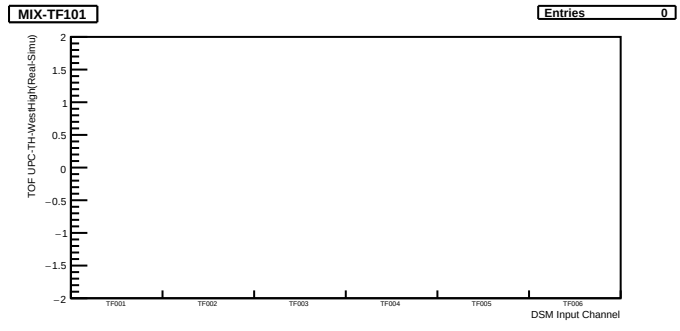

MIX-TF101
Entries 700278
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

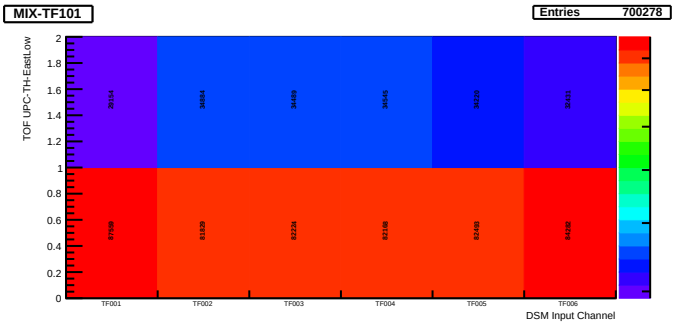

MIX-TF101
Entries 153020
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

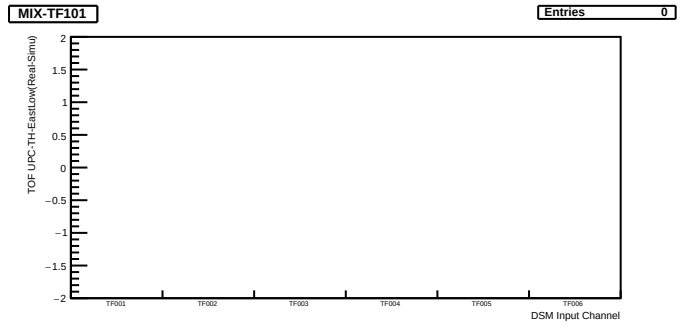

MIX-TF101
Entries 700278
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

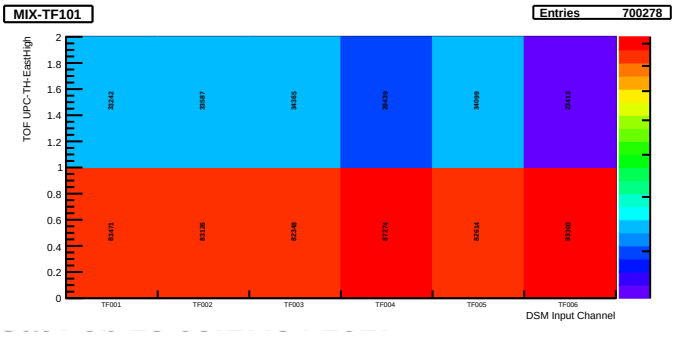

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

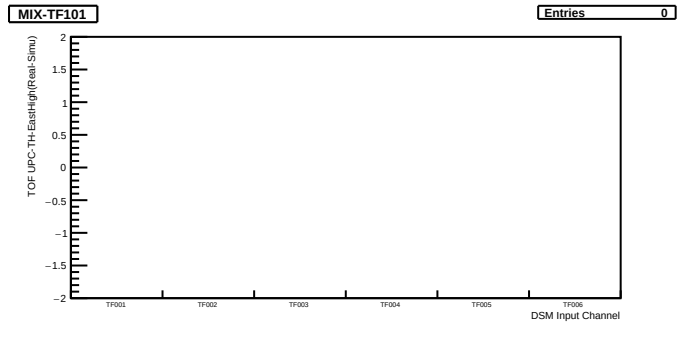

MIX-TF101
Entries 700278
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

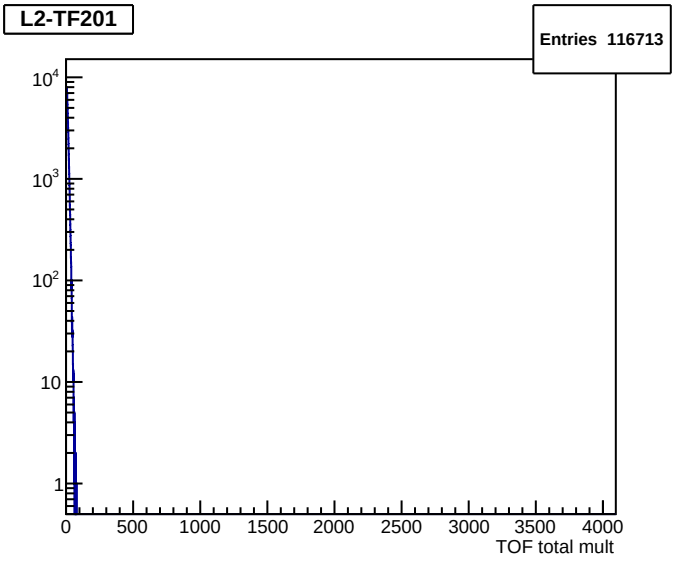

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

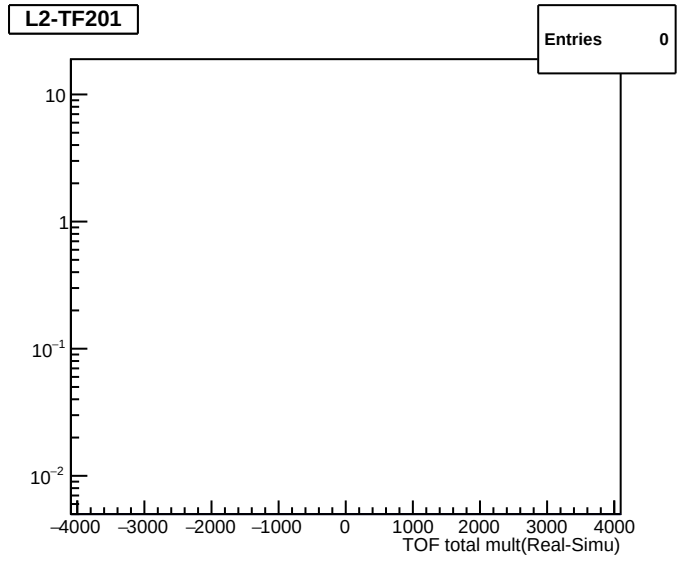

MIX-TF101
Entries 700278
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

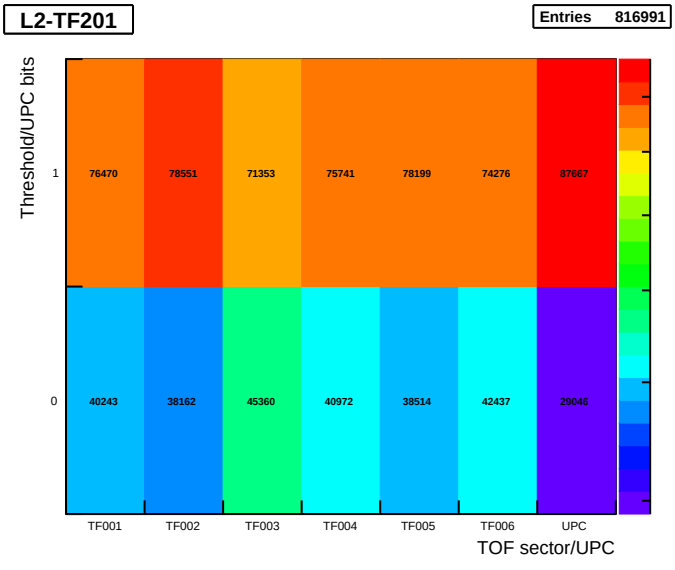

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

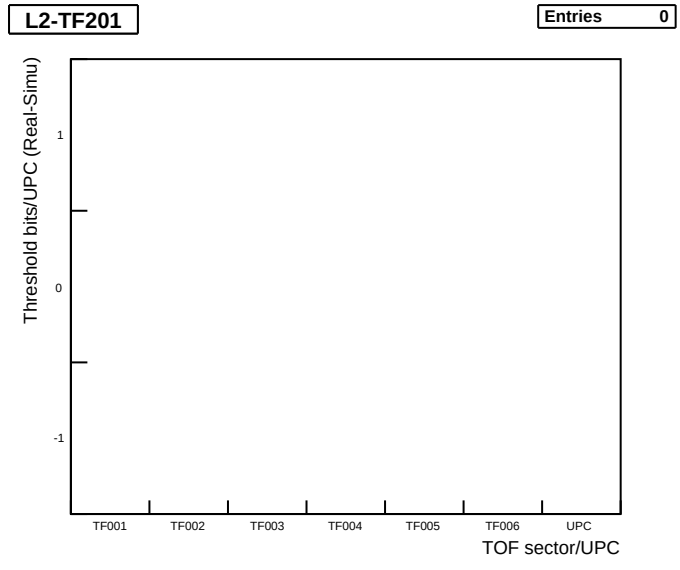

MIX-TF101
Entries 700278
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

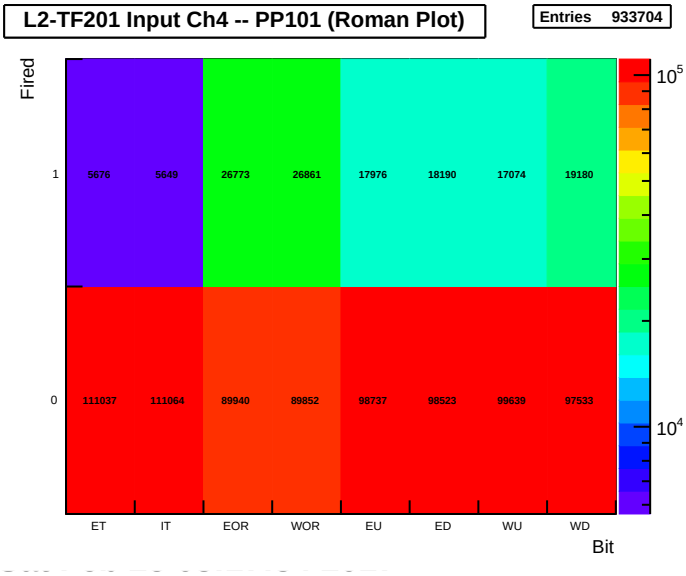

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

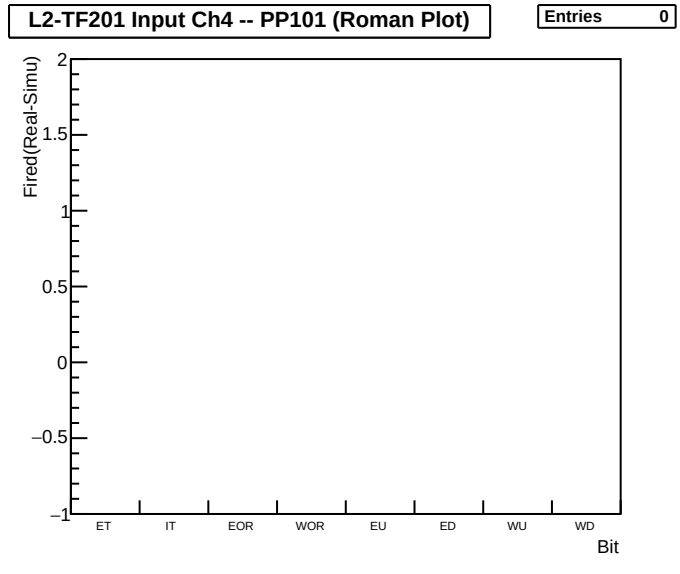

L2-TF201
Entries 116713
TOF total mult

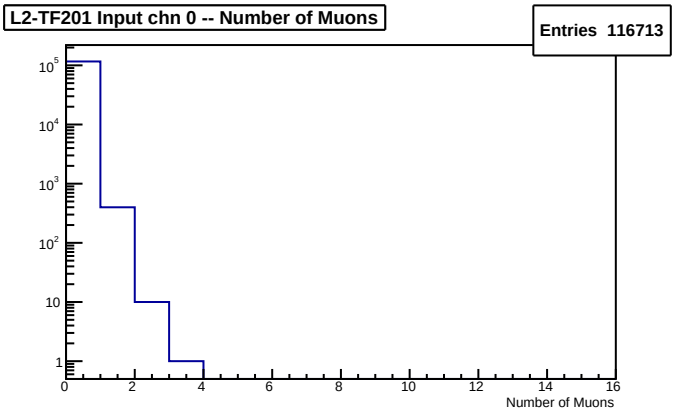

L2-TF201
Entries 0
TOF total mult(Real-Simu)

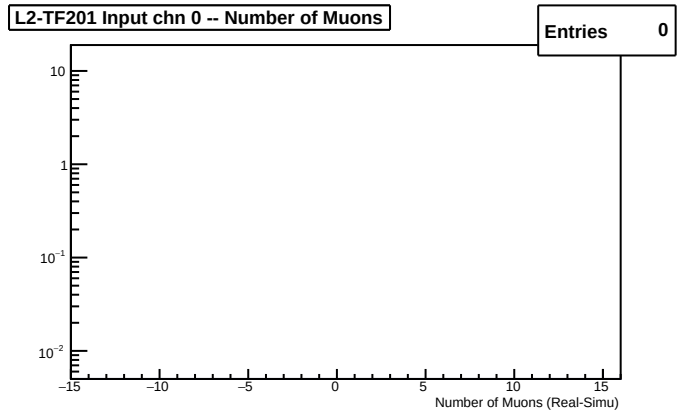

L2-TF201
Entries 816991
Threshold/UPC bits
76470
78551
71353
75741
78199
74276
87667
40243
38162
45360
40972
38514
42437
29046
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

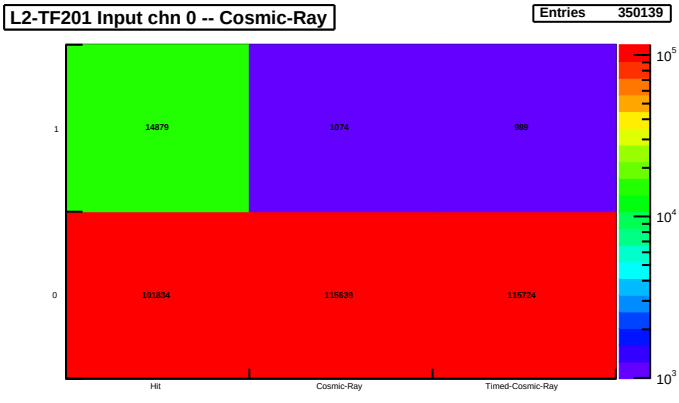

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

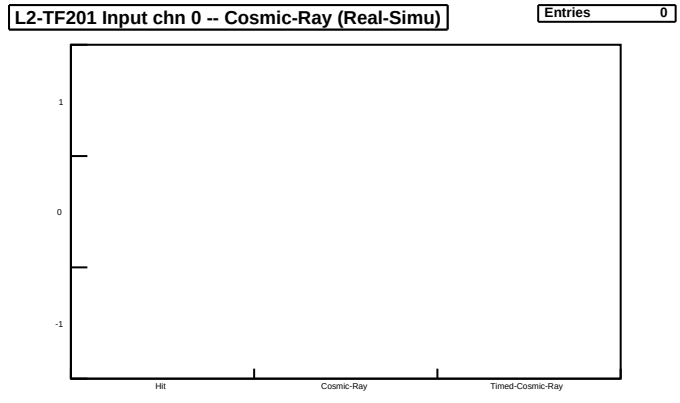

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 933704
Fired
5676
5649
26773
26861
17976
18190
17074
19180
111037
111064
89940
89852
98737
98523
99639
97533
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

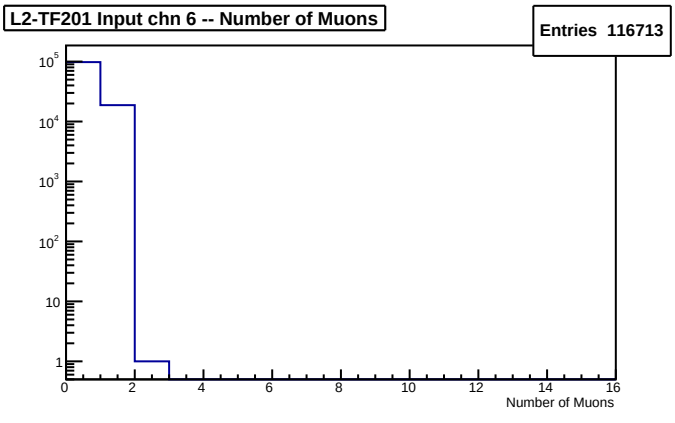

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

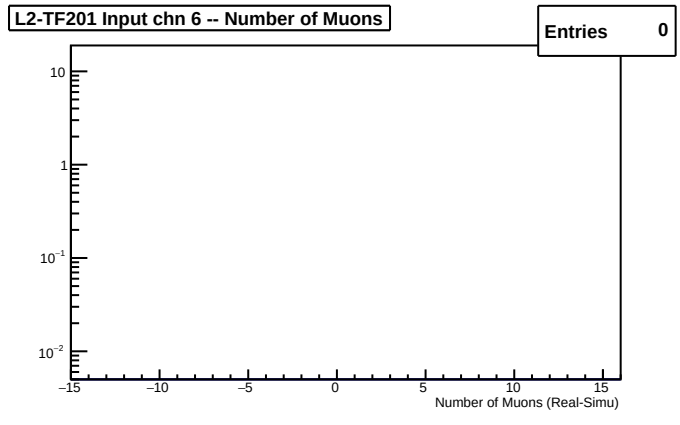

L2-TF201 Input chn 0 -- Number of Muons
Entries 116713
Number of Muons

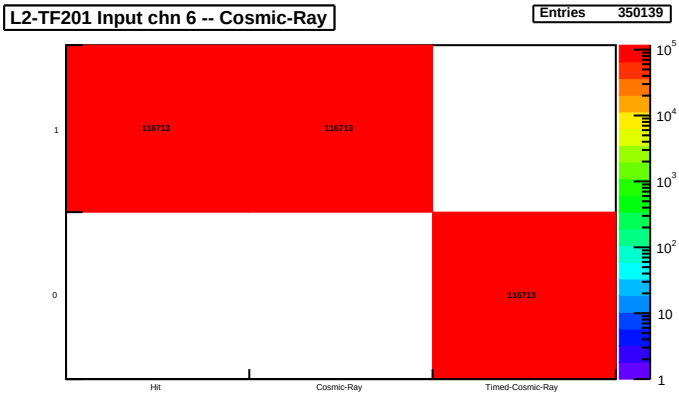

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

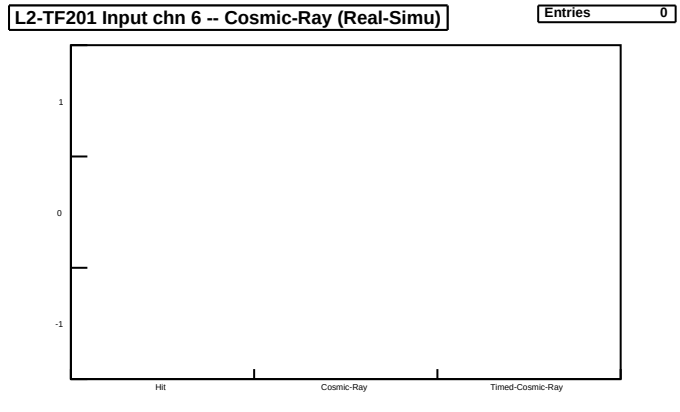

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 350139
14879
1074
989
101834
115639
115724
Hit
Cosmic-Ray
Timed-Cosmic-Ray

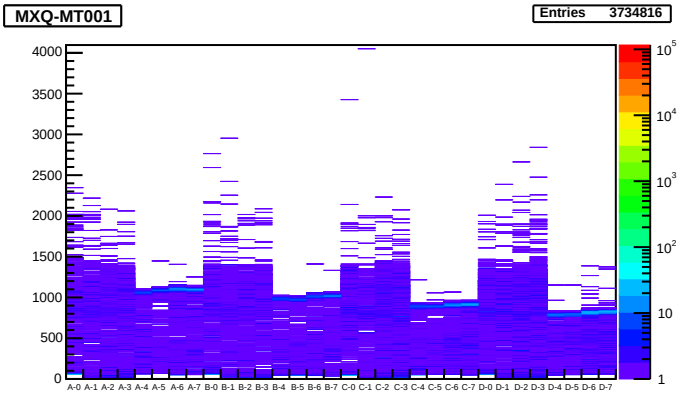

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

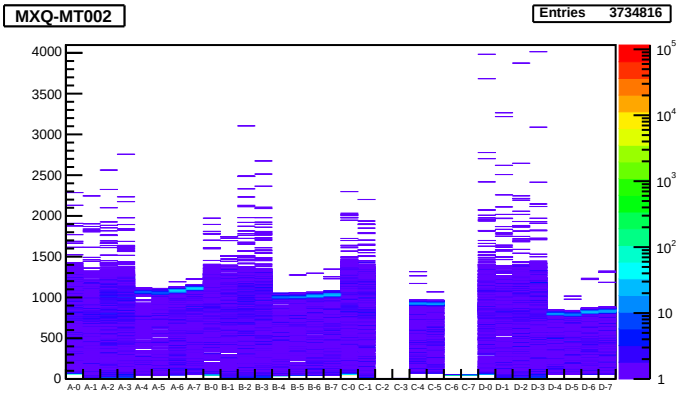

L2-TF201 Input chn 6 -- Number of Muons
Entries 116713
Number of Muons

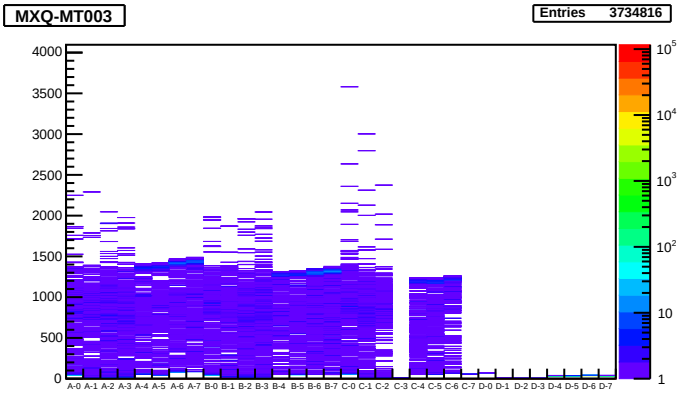

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

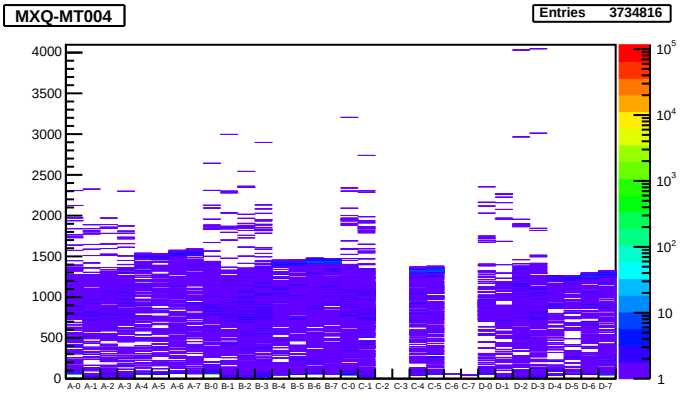

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 350139
116713
116713
116713
Hit
Cosmic-Ray
Timed-Cosmic-Ray

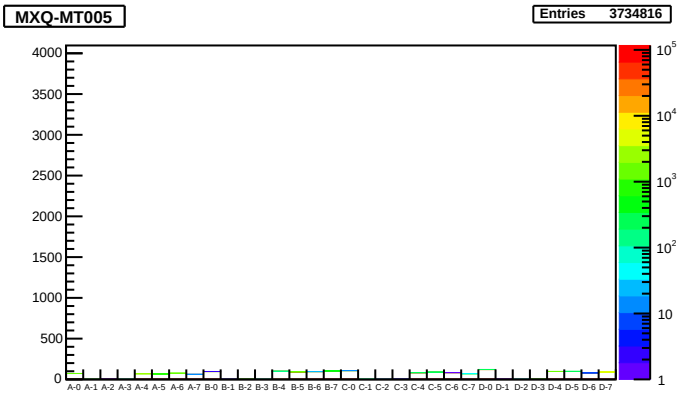

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

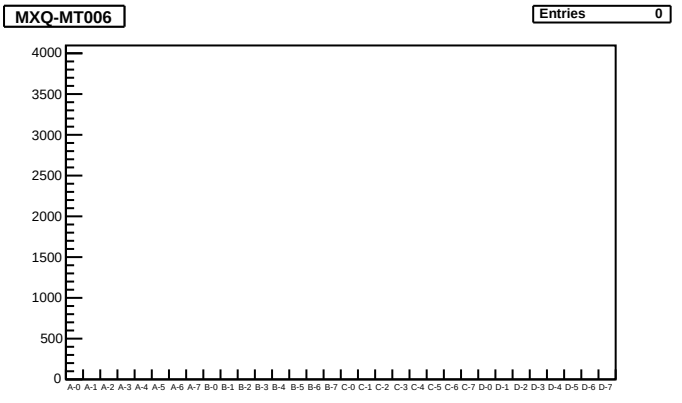

MXQ-MT001
Entries 3734816

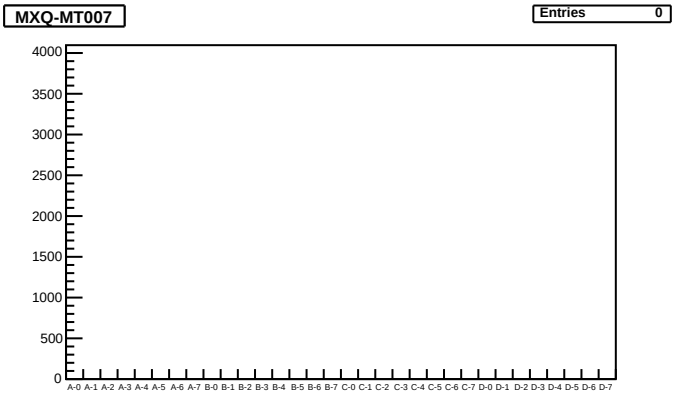

MXQ-MT002
Entries 3734816

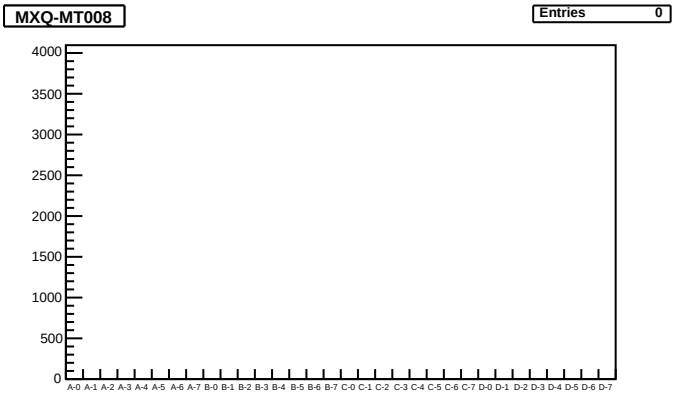

MXQ-MT003
Entries 3734816

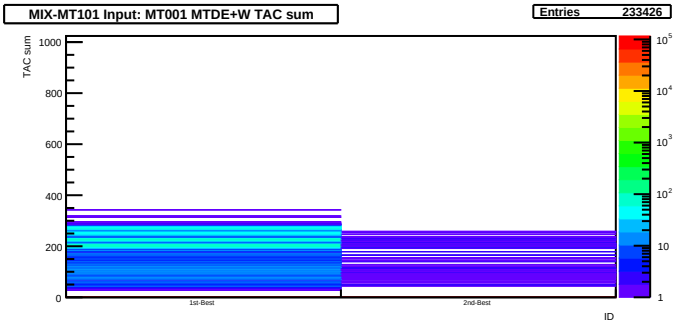

MXQ-MT004
Entries 3734816

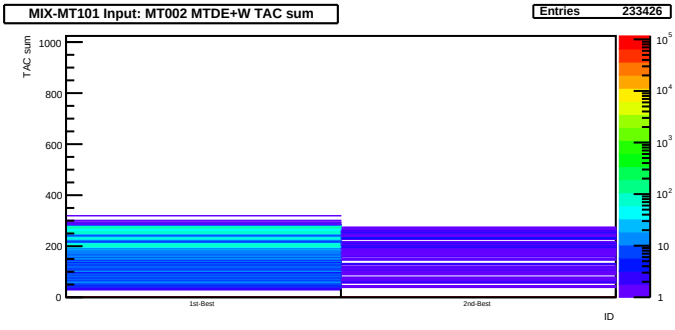

MXQ-MT005
Entries 3734816

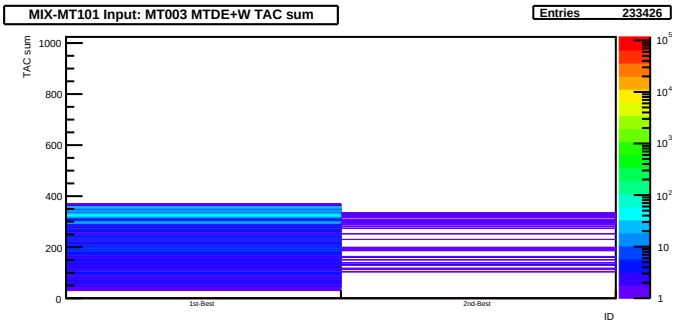

MXQ-MT006
Entries 0

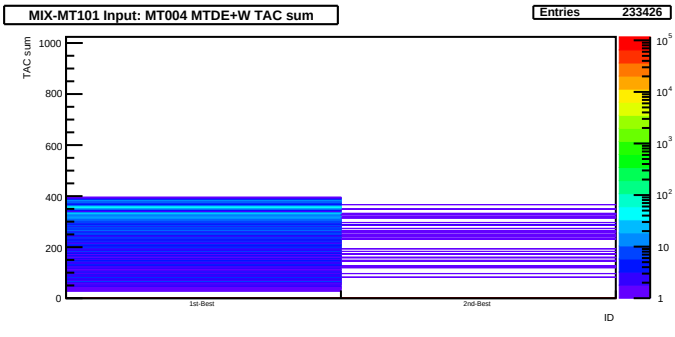

MXQ-MT007
Entries 0

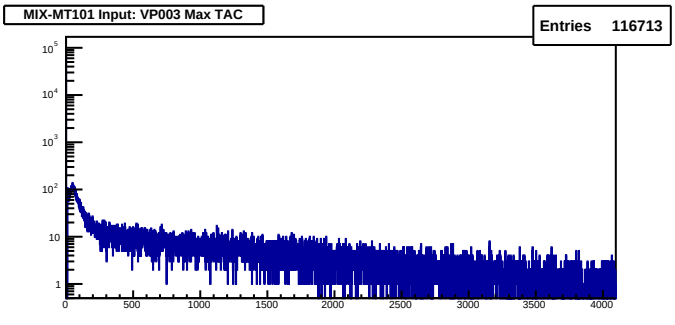

MXQ-MT008
Entries 0

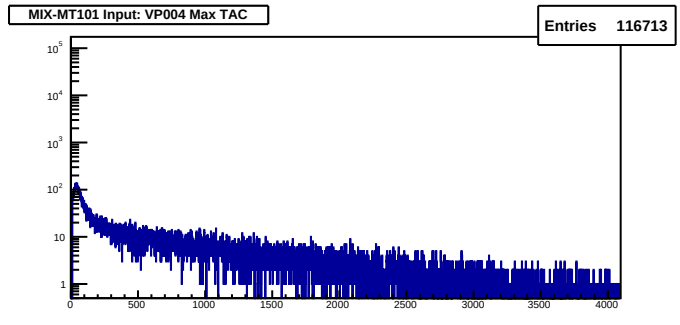

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

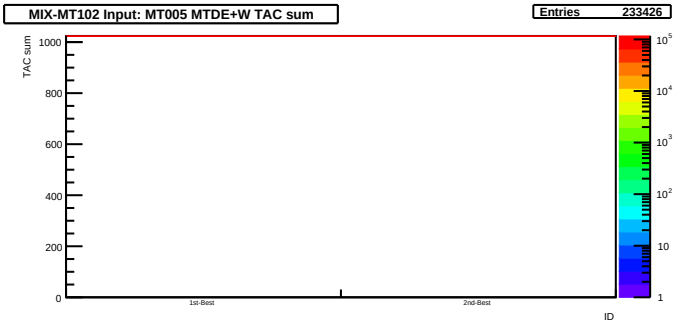

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

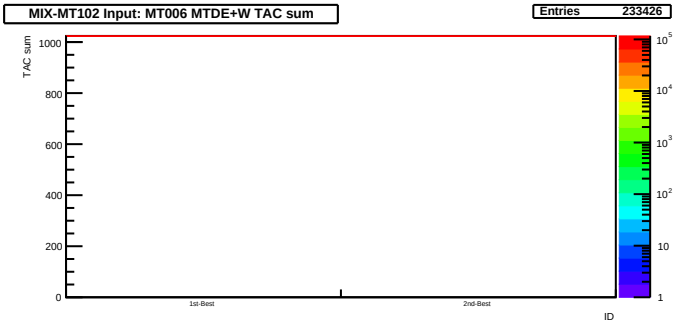

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

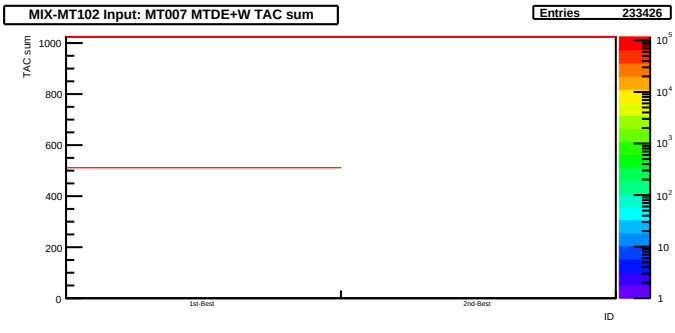

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

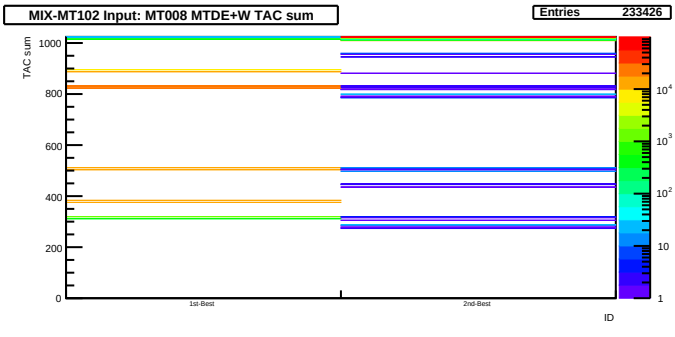

MIX-MT101 Input: VP003 Max TAC
Entries 116713

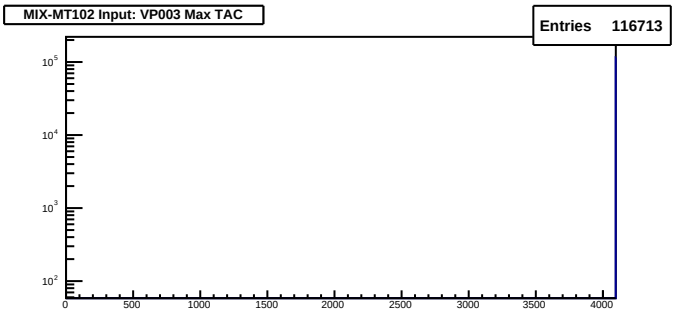

MIX-MT101 Input: VP004 Max TAC
Entries 116713

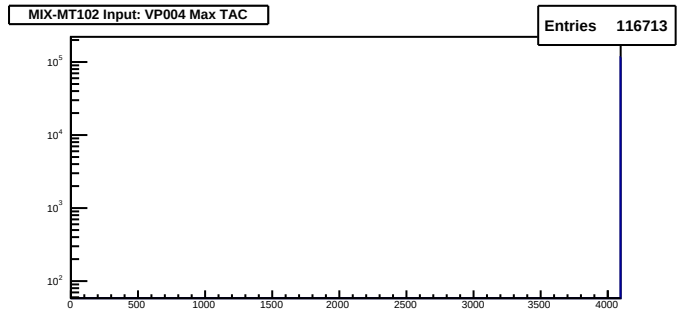

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

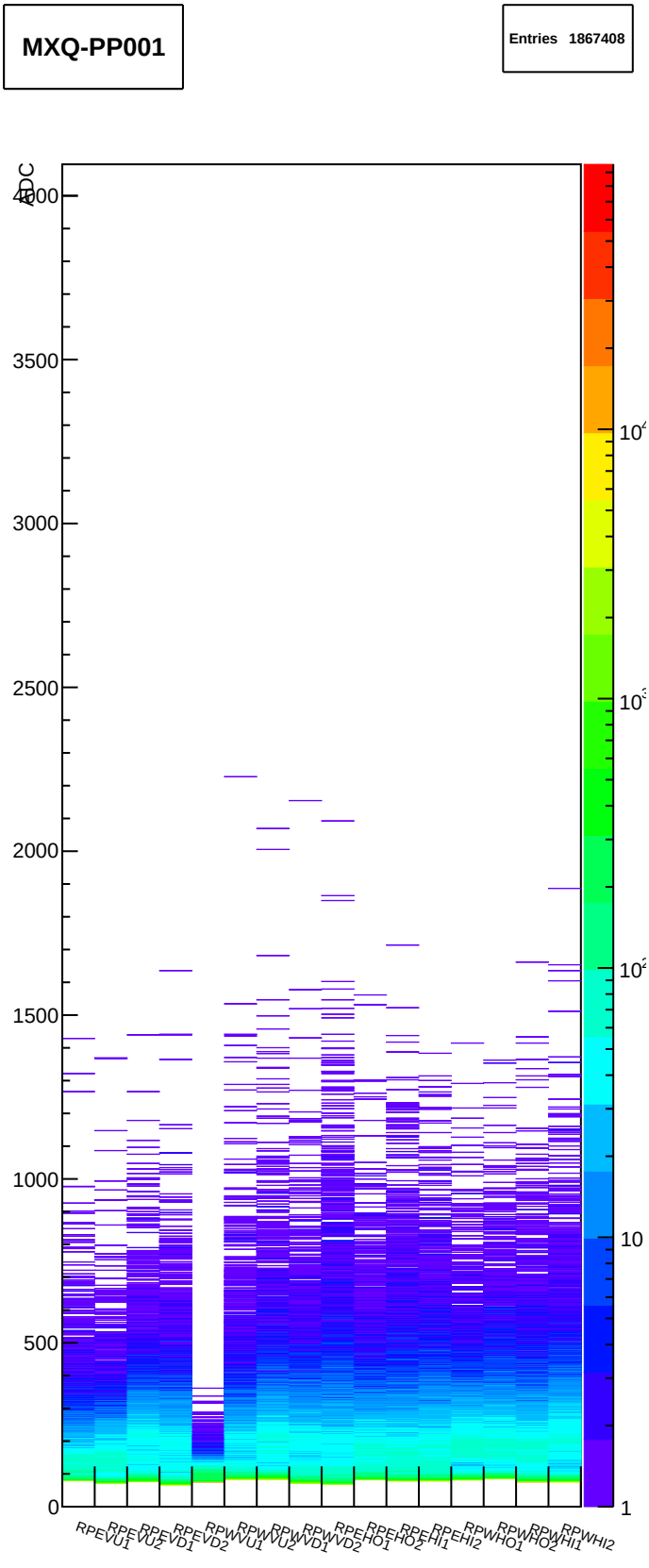

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

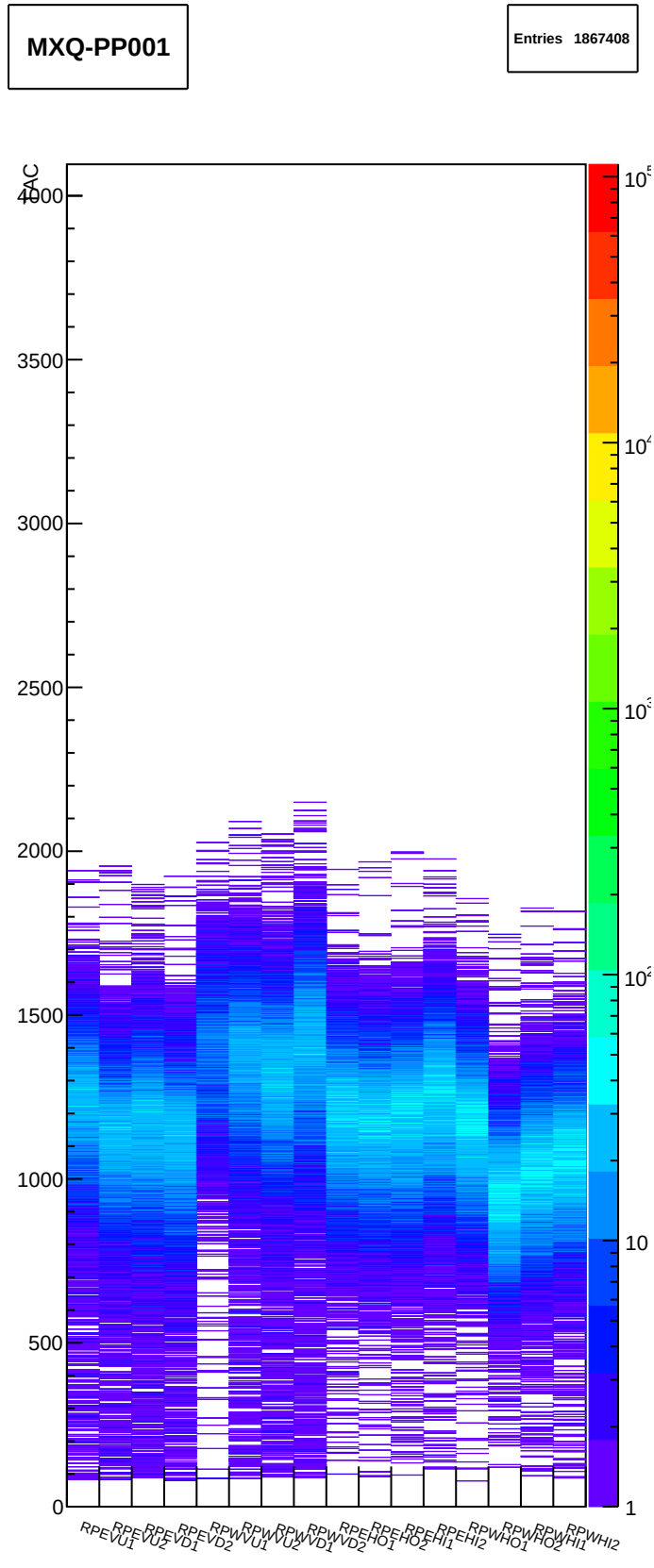

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

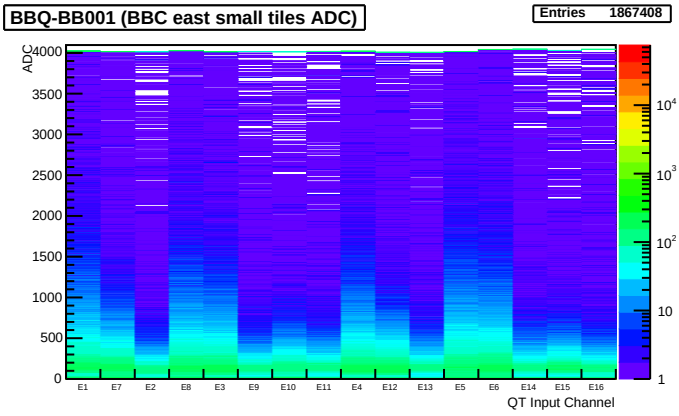

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 233426
TAC sum
1st-Best
2nd-Best
ID

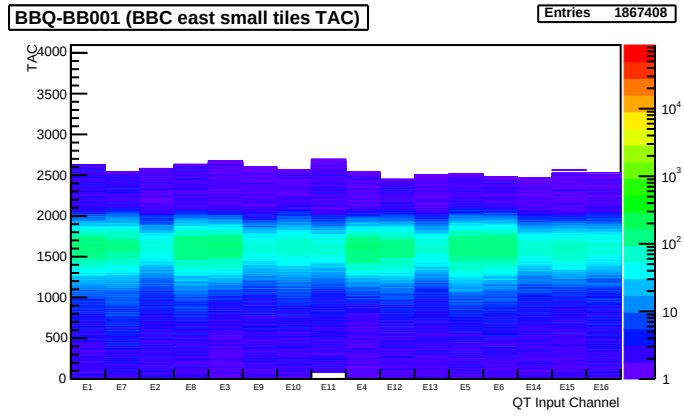

MIX-MT102 Input: VP003 Max TAC
Entries 116713

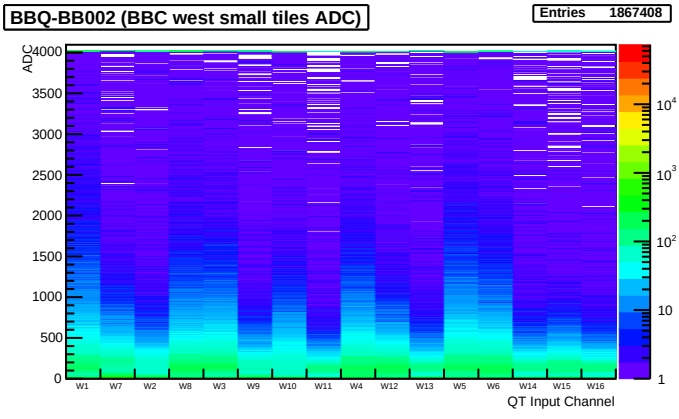

MIX-MT102 Input: VP004 Max TAC
Entries 116713

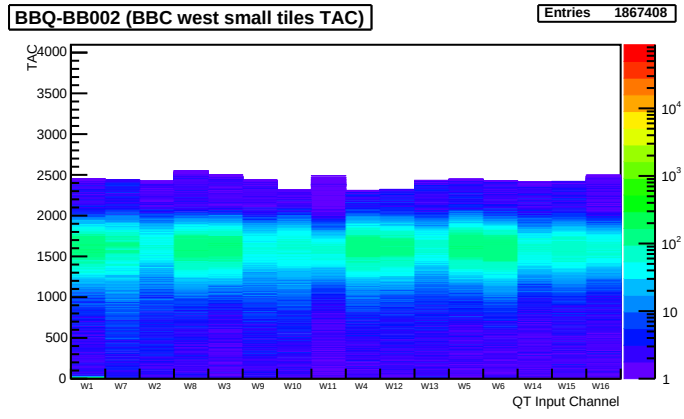

MXQ-PP001
Entries 1867408
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

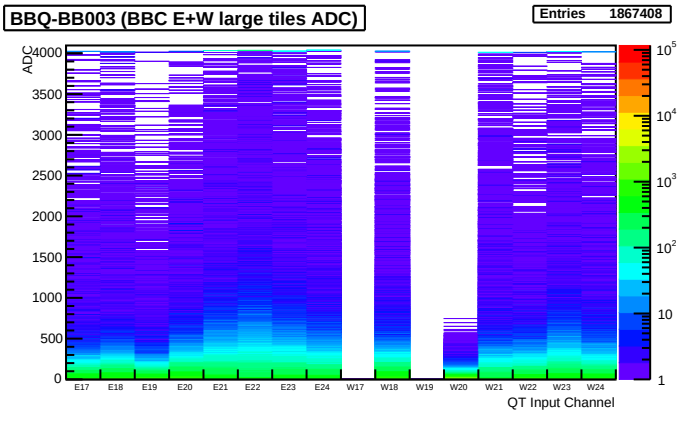

MXQ-PP001
Entries 1867408
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

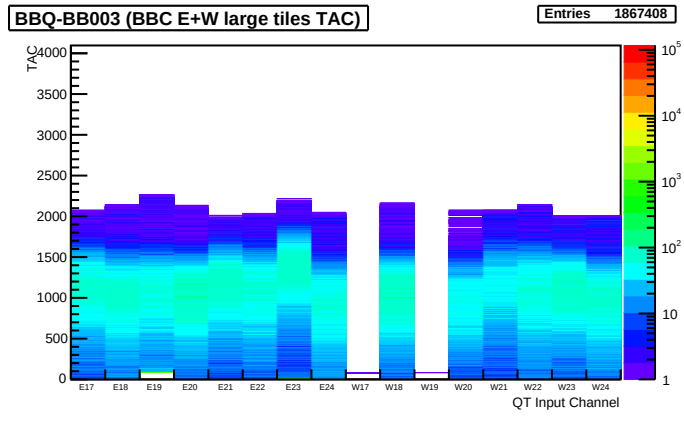

BBQ-BB001 (BBC east small tiles ADC)
Entries 1867408
ADC
QT Input Channel

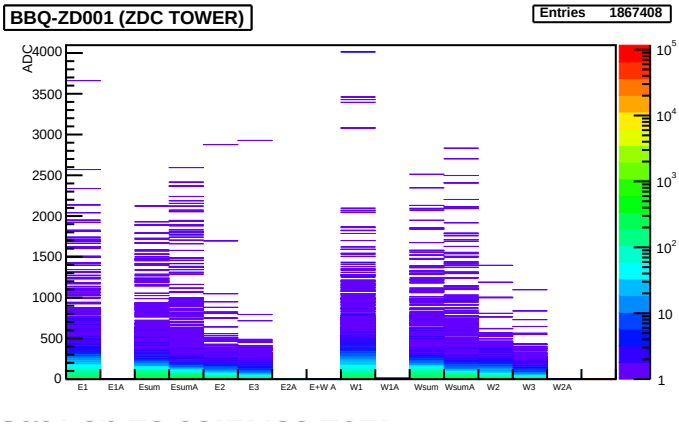

BBQ-BB001 (BBC east small tiles TAC)
Entries 1867408
TAC
QT Input Channel

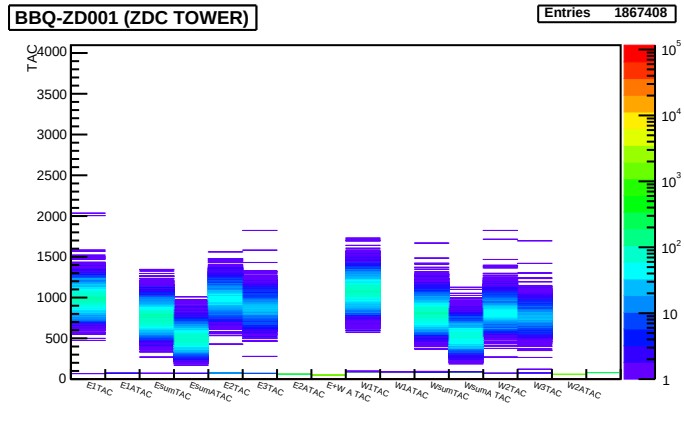

BBQ-BB002 (BBC west small tiles ADC)
Entries 1867408
ADC
QT Input Channel

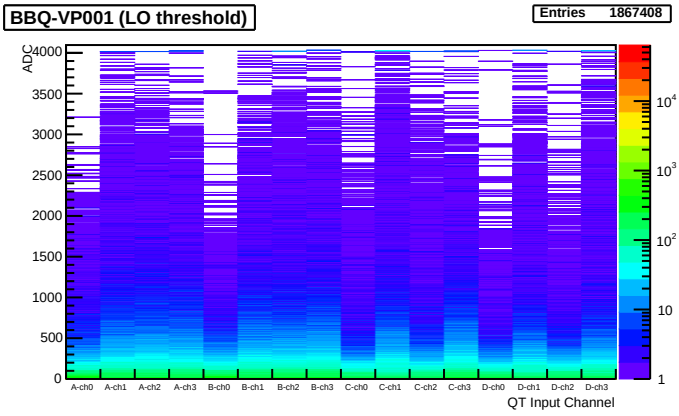

BBQ-BB002 (BBC west small tiles TAC)
Entries 1867408
TAC
QT Input Channel

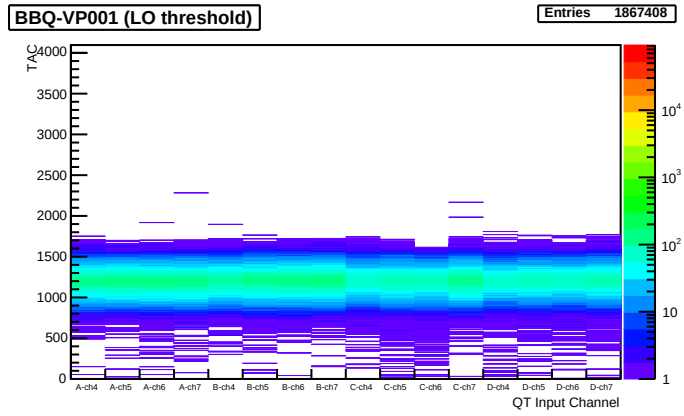

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1867408
ADC
QT Input Channel

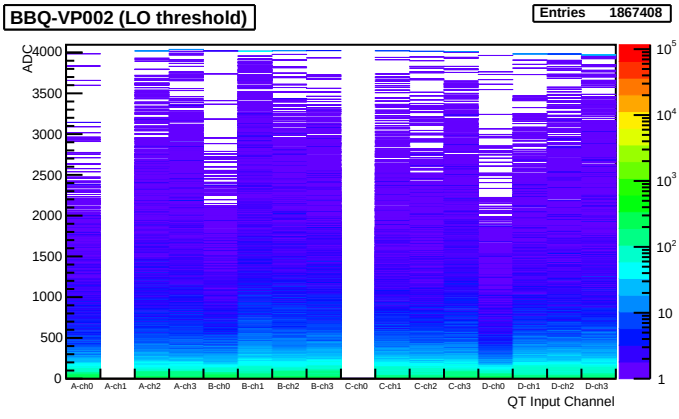

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1867408
TAC
QT Input Channel

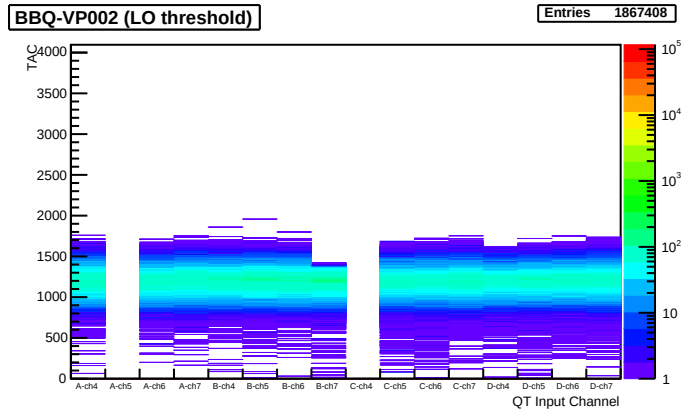

BBQ-ZD001 (ZDC TOWER)
Entries 1867408
ADC

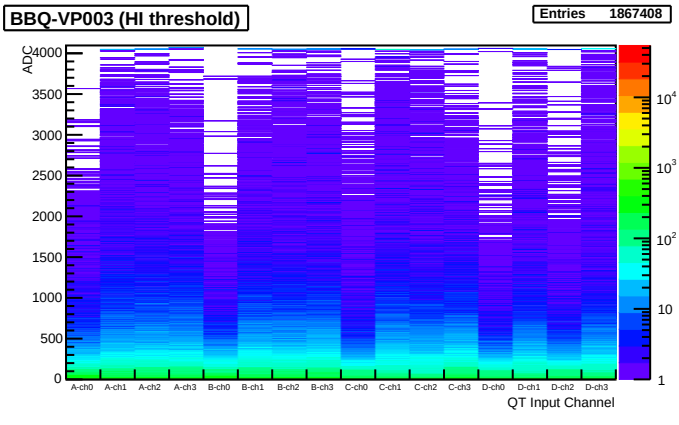

BBQ-ZD001 (ZDC TOWER)
Entries 1867408
TAC

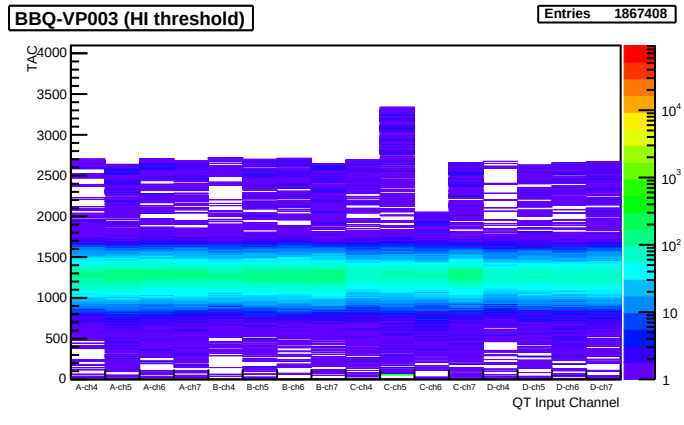

BBQ-VP001 (LO threshold)
Entries 1867408
ADC
QT Input Channel

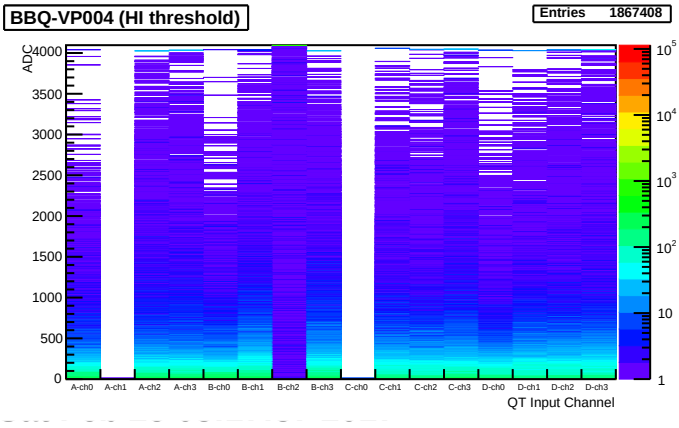

BBQ-VP001 (LO threshold)
Entries 1867408
TAC
QT Input Channel

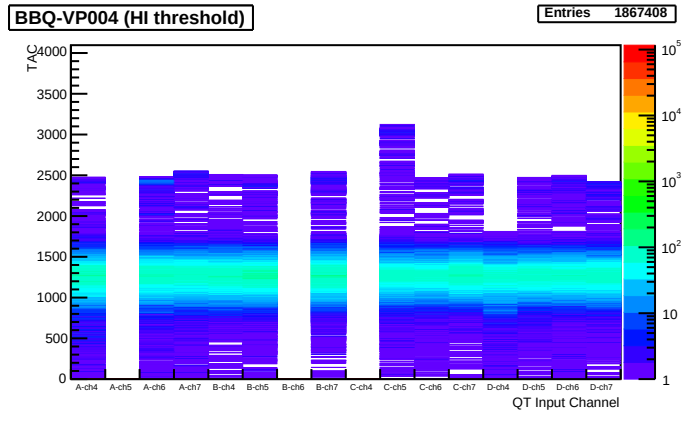

BBQ-VP002 (LO threshold)
Entries 1867408
ADC
QT Input Channel

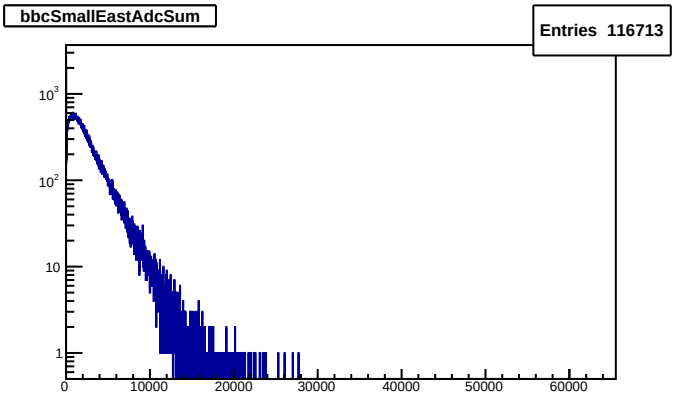

BBQ-VP002 (LO threshold)
Entries 1867408
TAC
QT Input Channel

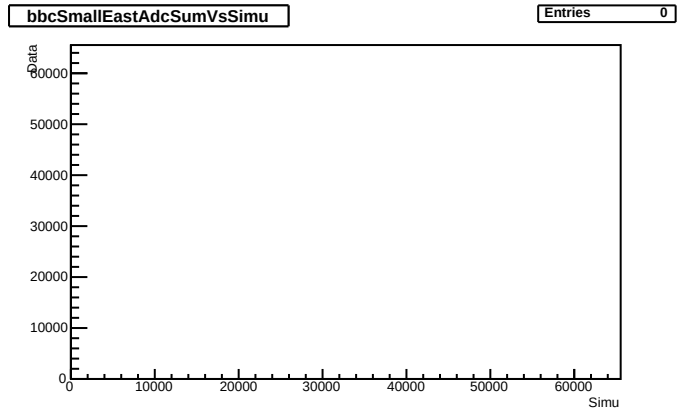

BBQ-VP003 (HI threshold)
Entries 1867408
ADC
QT Input Channel

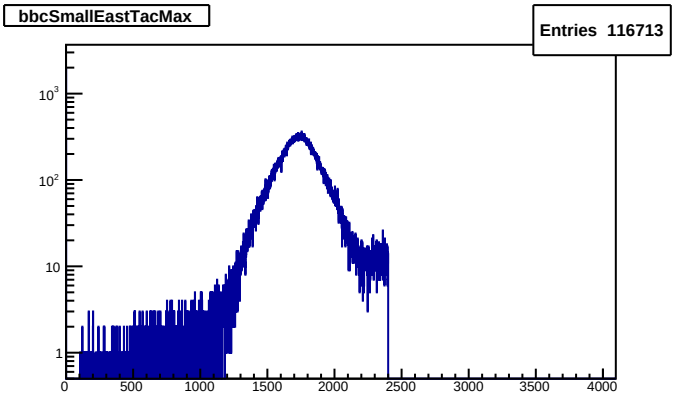

BBQ-VP003 (HI threshold)
Entries 1867408
TAC
QT Input Channel

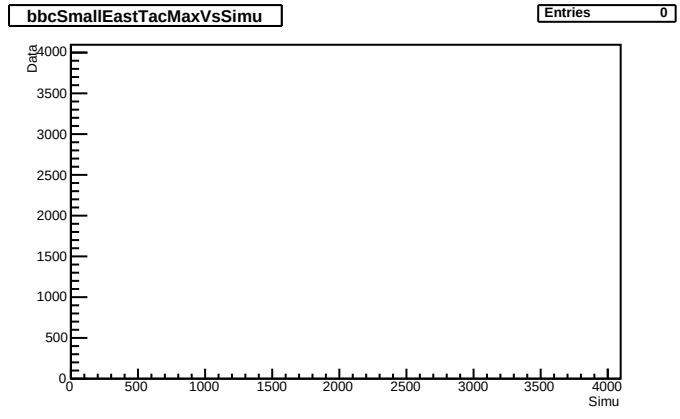

BBQ-VP004 (HI threshold)
Entries 1867408
ADC
QT Input Channel

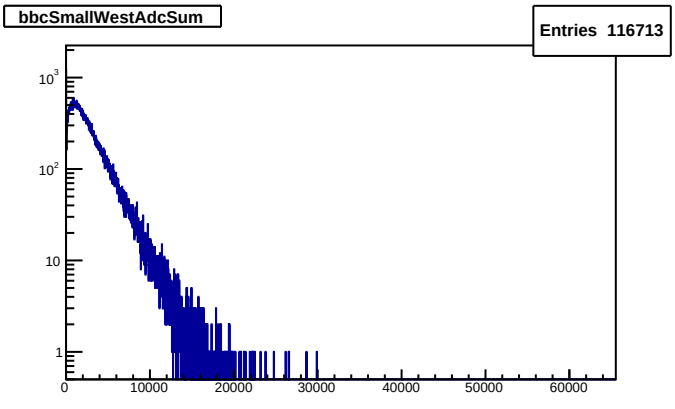

BBQ-VP004 (HI threshold)
Entries 1867408
TAC
QT Input Channel

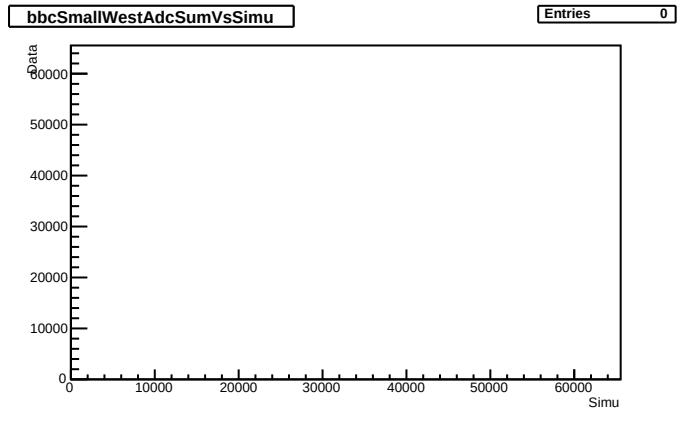

bbcSmallEastAdcSum
Entries 116713

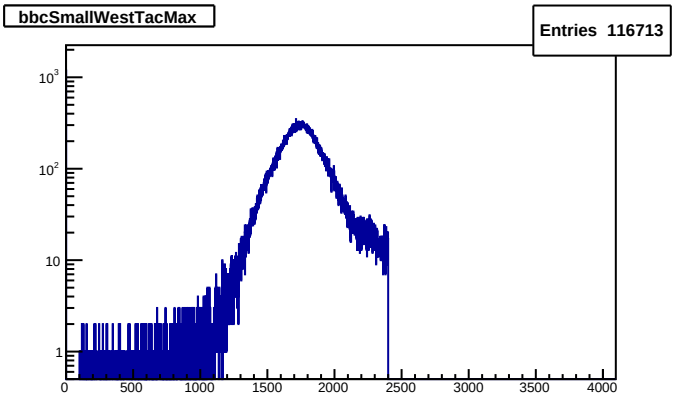

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

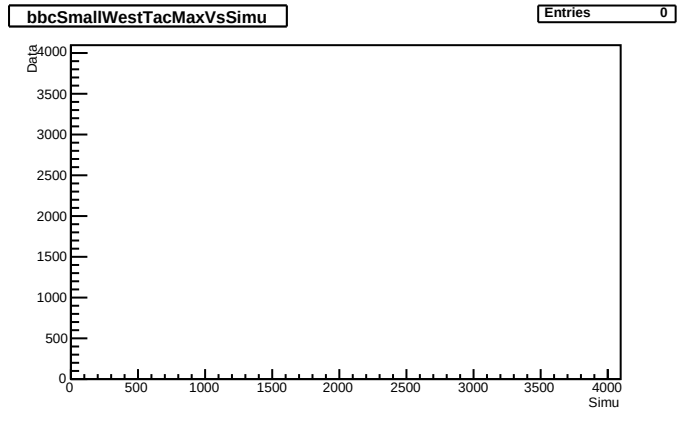

bbcSmallEastTacMax
Entries 116713

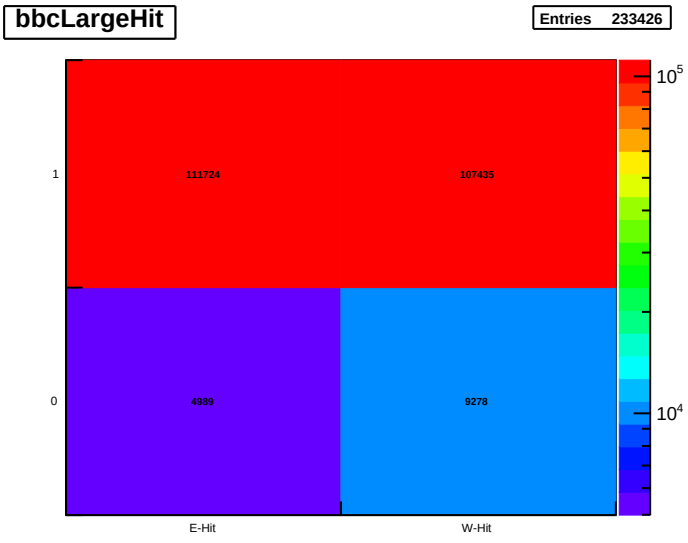

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

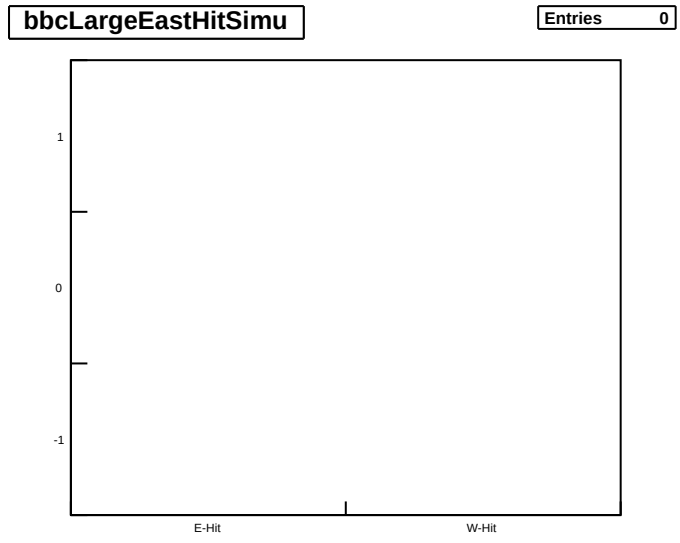

bbcSmallWestAdcSum
Entries 116713

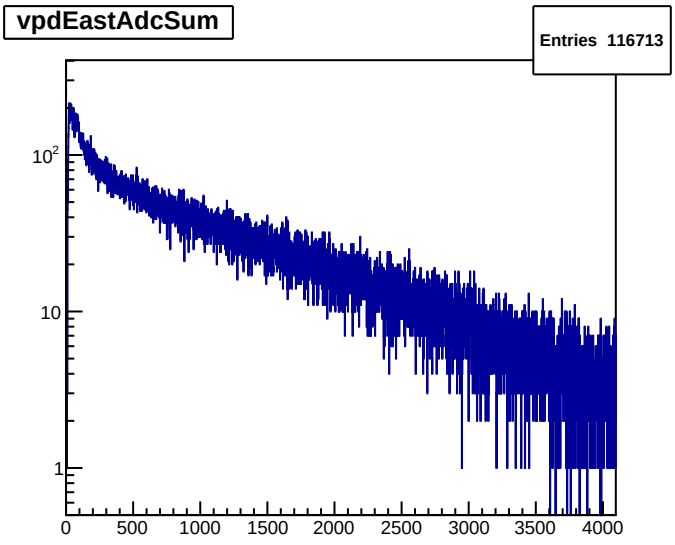

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

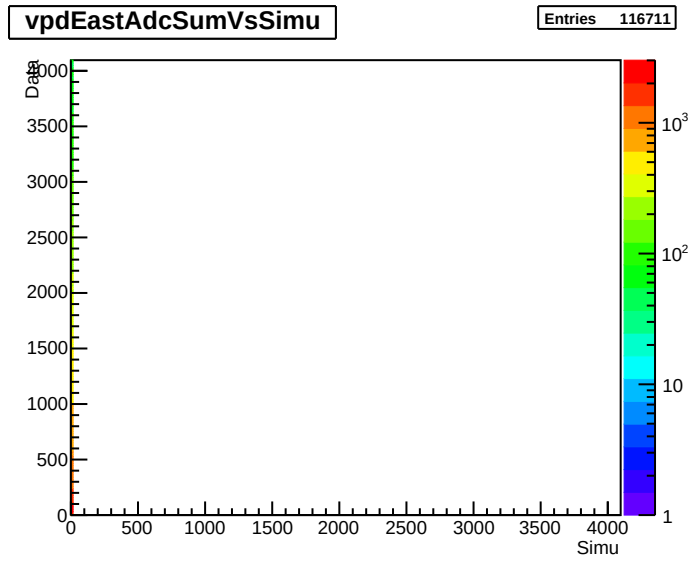

bbcSmallWestTacMax
Entries 116713

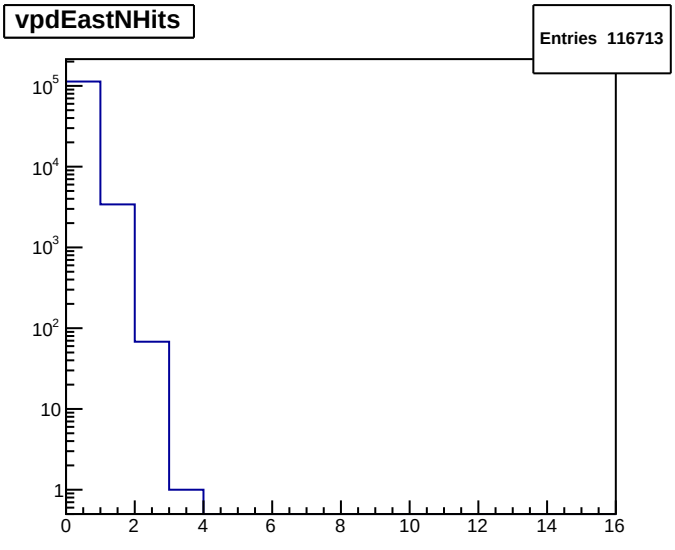

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

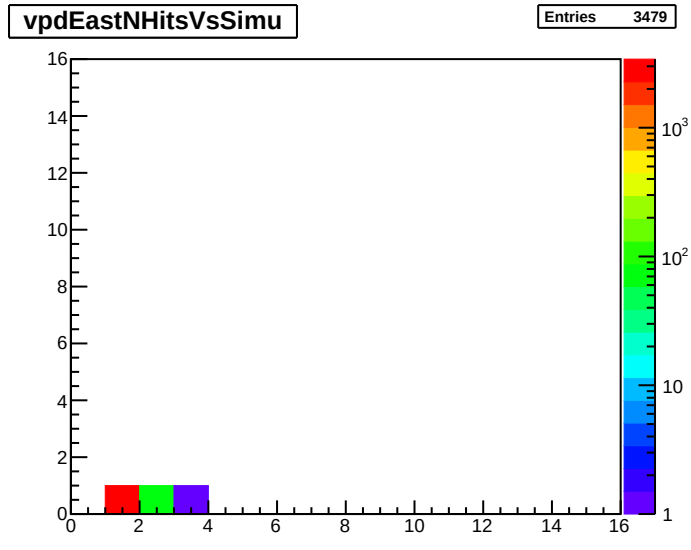

bbcLargeHit
Entries 233426
111724
107435
4989
9278
1
0
E-Hit
W-Hit
10^5
10^4

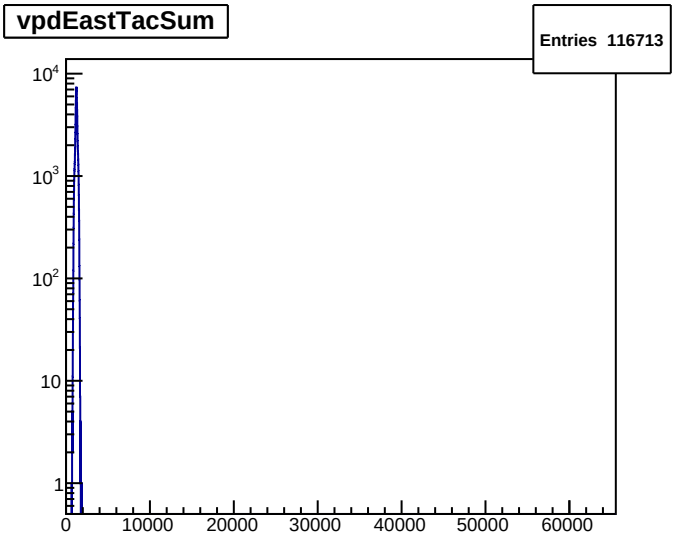

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

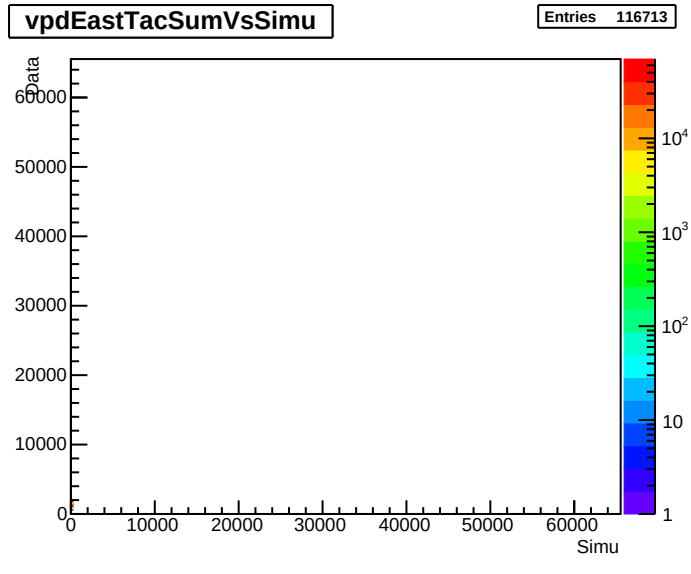

vpdEastAdcSum
Entries 116713

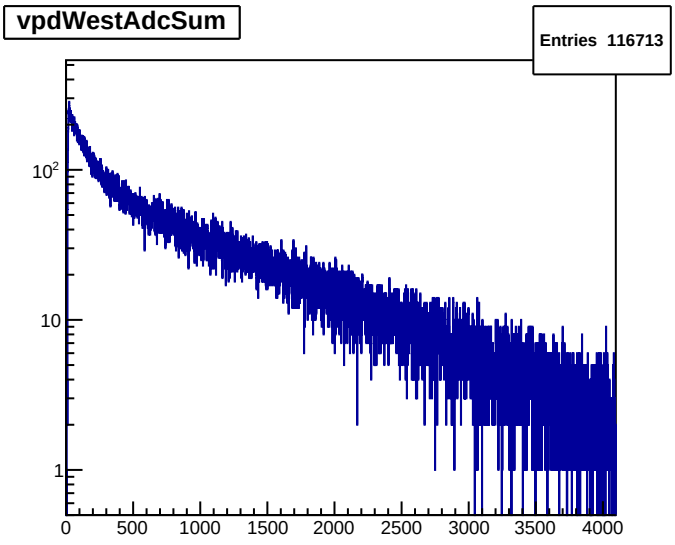

vpdEastAdcSumVsSimu
Entries 116711
Data
Simu

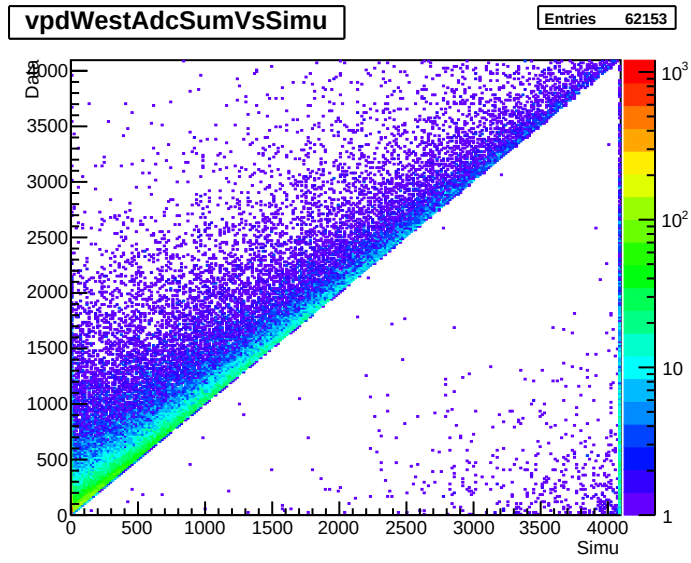

vpdEastNHits
Entries 116713

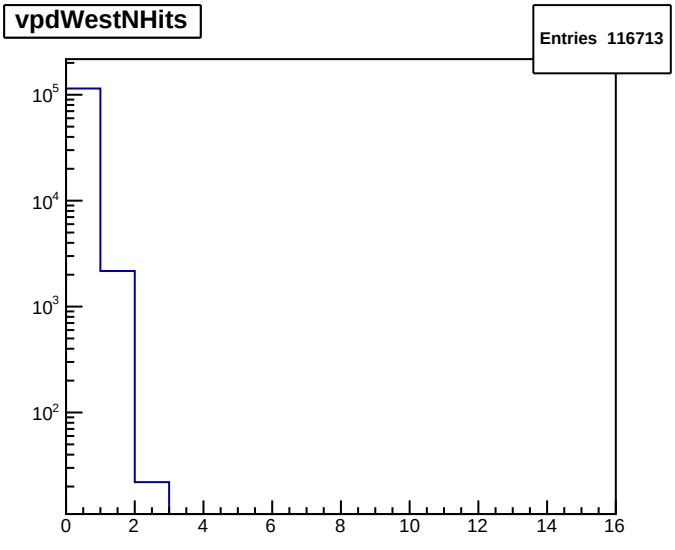

vpdEastNHitsVsSimu
Entries 3479

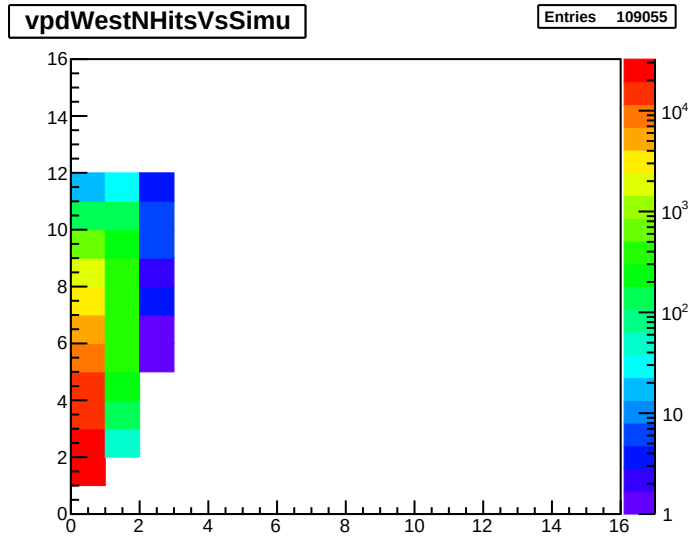

vpdEastTacSum
Entries 116713

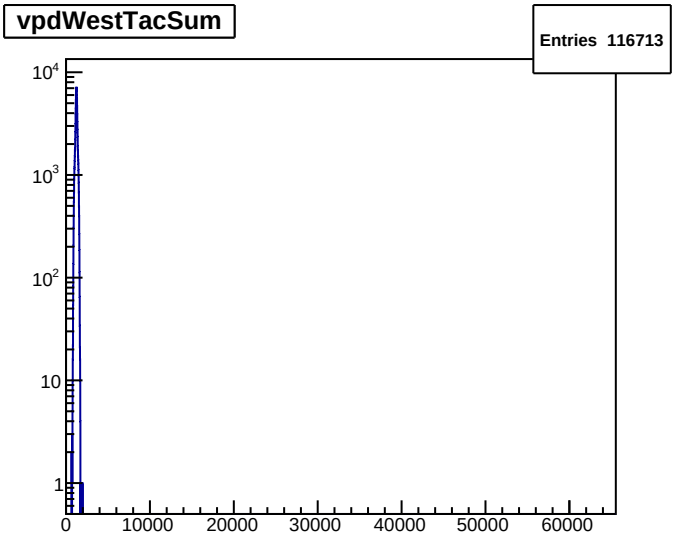

vpdEastTacSumVsSimu
Entries 116713
Data
Simu

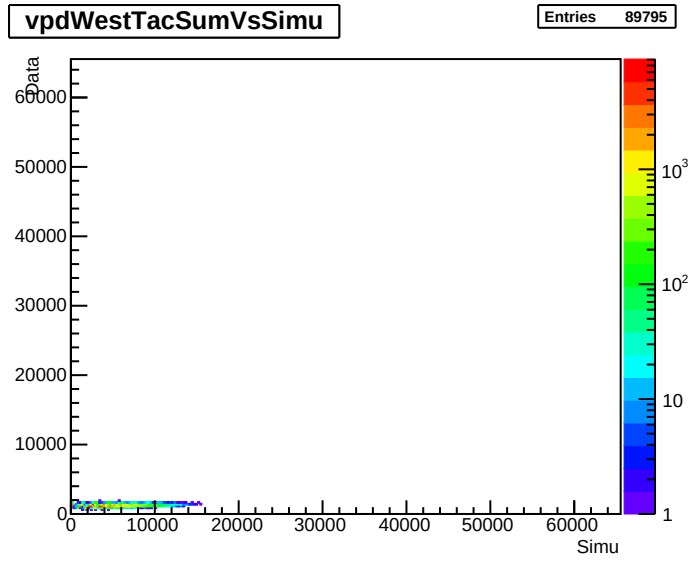

vpdWestAdcSum
Entries 116713

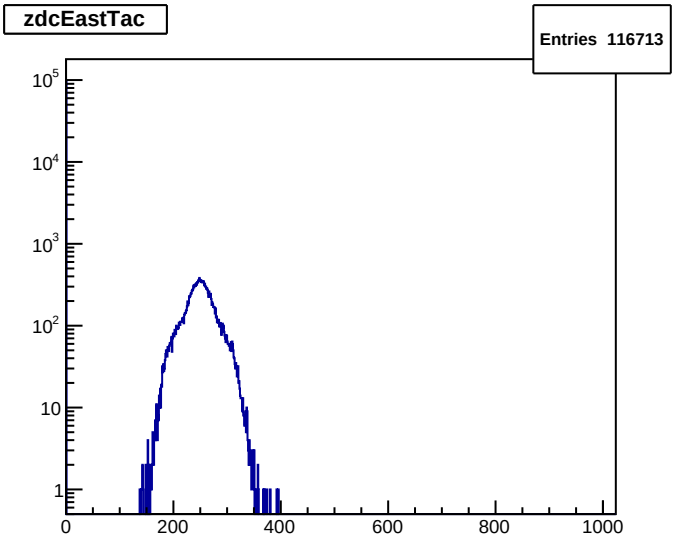

vpdWestAdcSumVsSimu
Entries 62153
Data
Simu

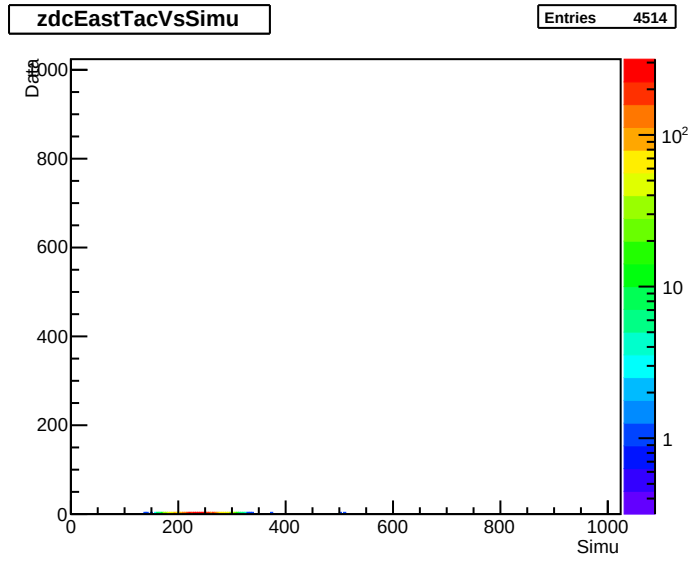

vpdWestNHits
Entries 116713

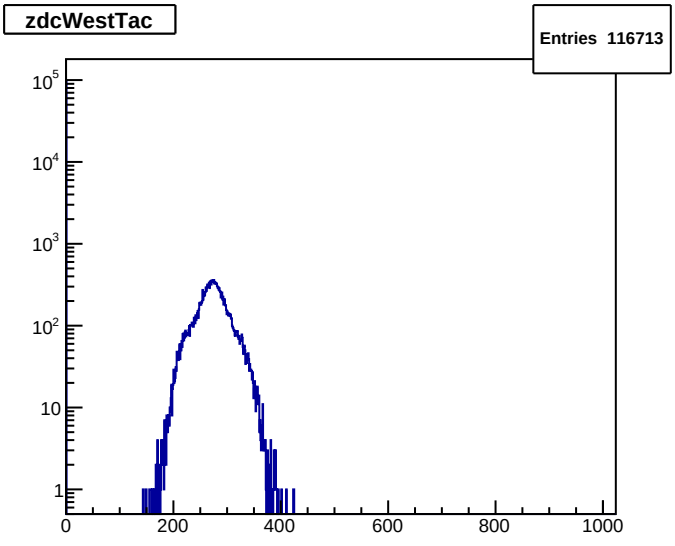

vpdWestNHitsVsSimu
Entries 109055

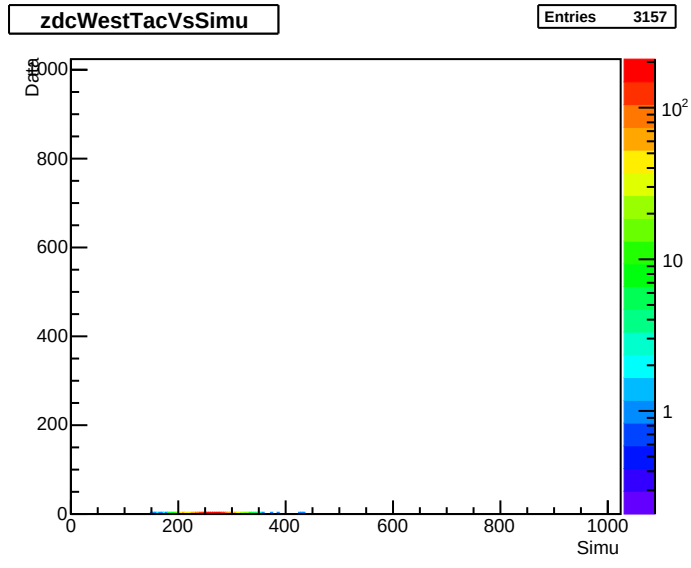

vpdWestTacSum
Entries 116713

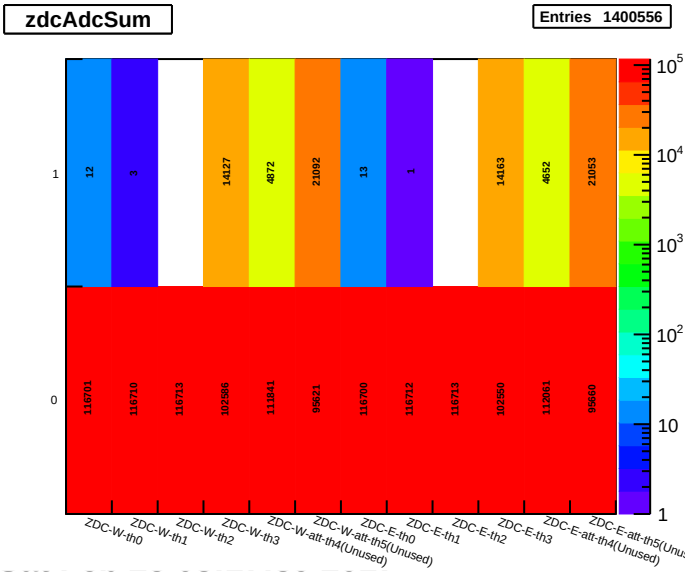

vpdWestTacSumVsSimu
Entries 89795
Data
Simu

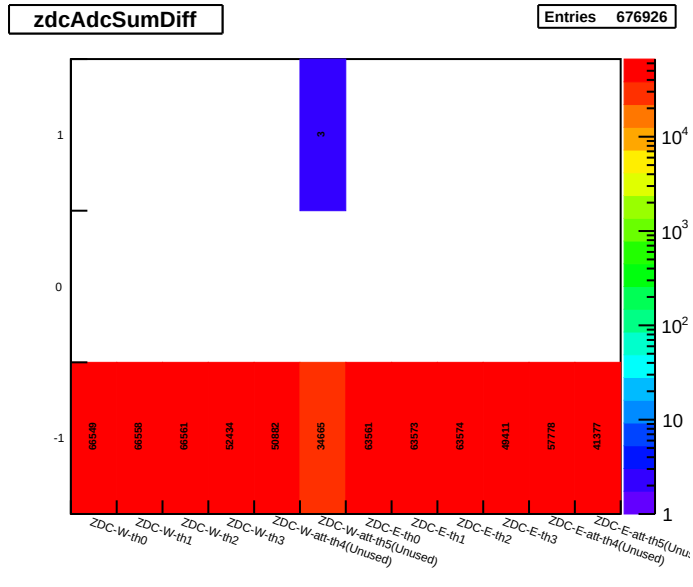

zdcEastTac
Entries 116713

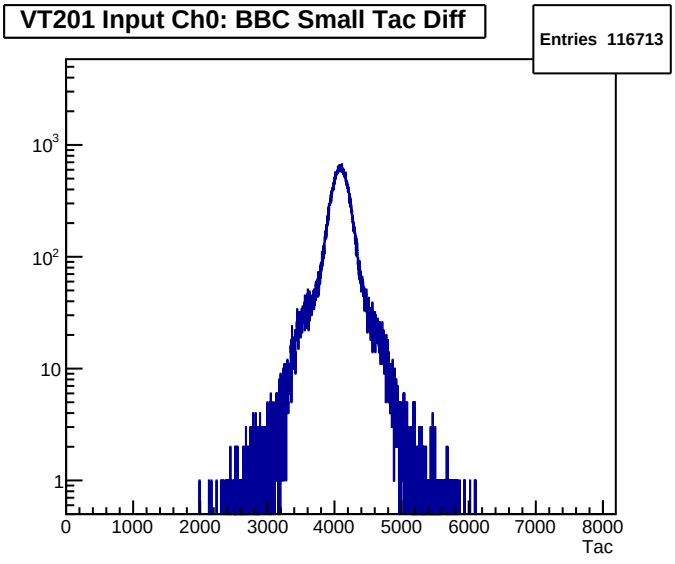

zdcEastTacVsSimu
Entries 4514
Data
Simu

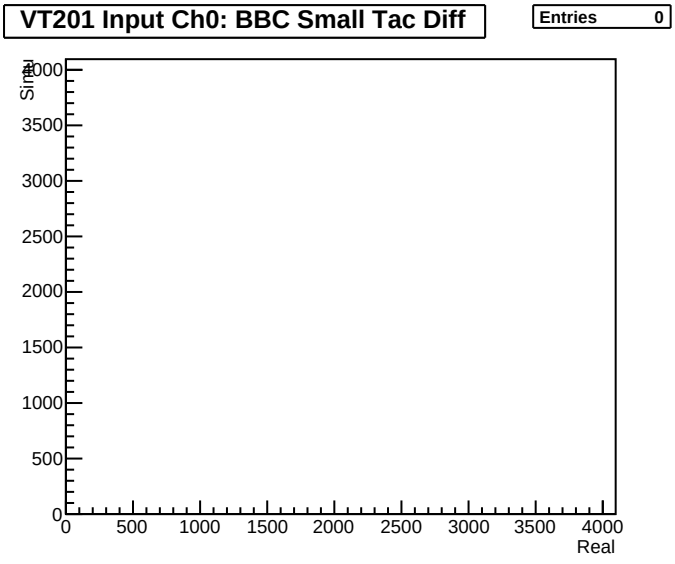

zdcWestTac
Entries 116713

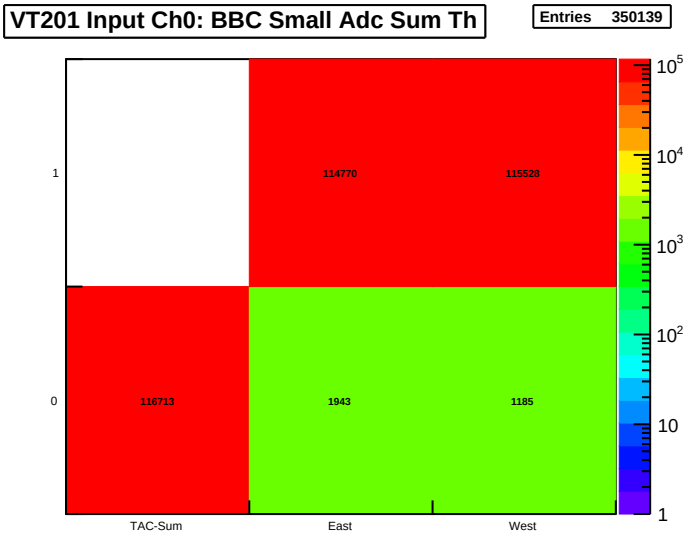

zdcWestTacVsSimu
Entries 3157
Data
Simu

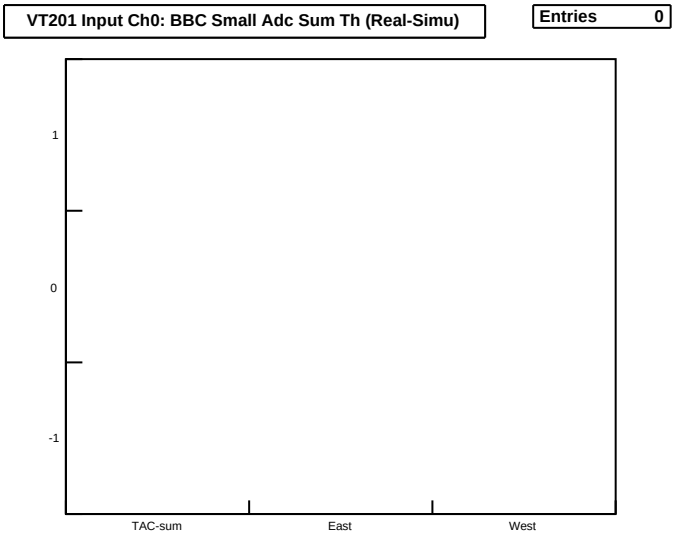

zdcAdcSum
Entries 1400556
12
3
14127
4872
21092
13
1
14163
4652
21053
116701
116710
116713
102586
111841
95621
116700
116712
116713
102550
112061
95660
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

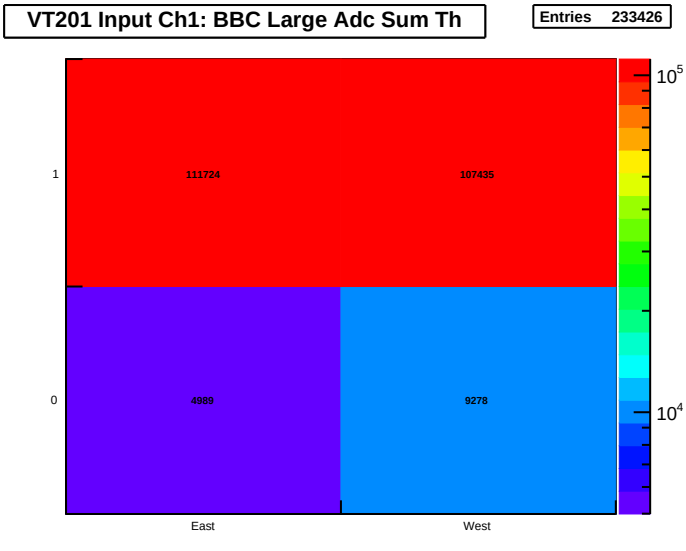

zdcAdcSumDiff
Entries 676926
3
66549
66558
66561
52434
50882
34665
63561
63573
63574
48411
57778
41377
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

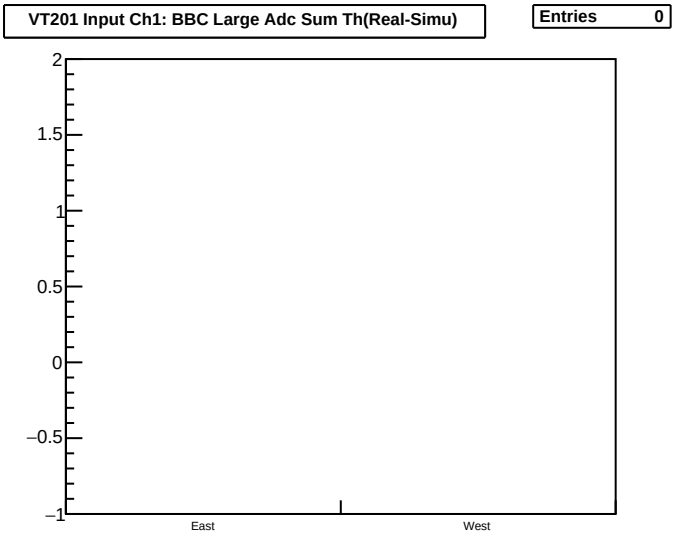

VT201 Input Ch0: BBC Small Tac Diff
Entries 116713
Tac


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

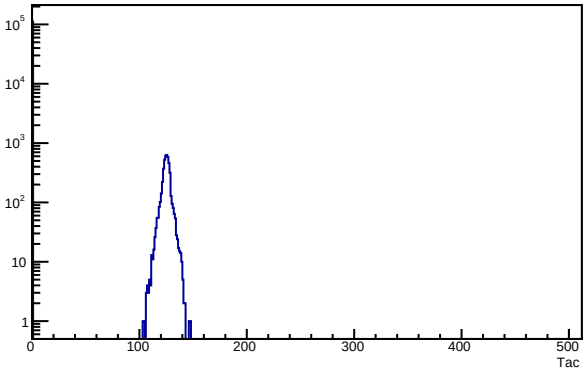

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 350139
114770
115528
116713
1943
1185
TAC-Sum
East
West


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

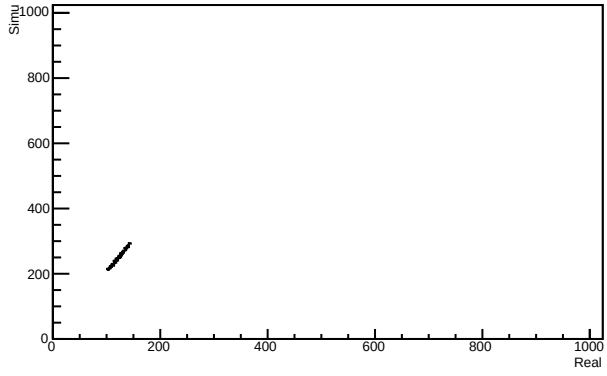

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 233426
111724
107435
4989
9278
East
West


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

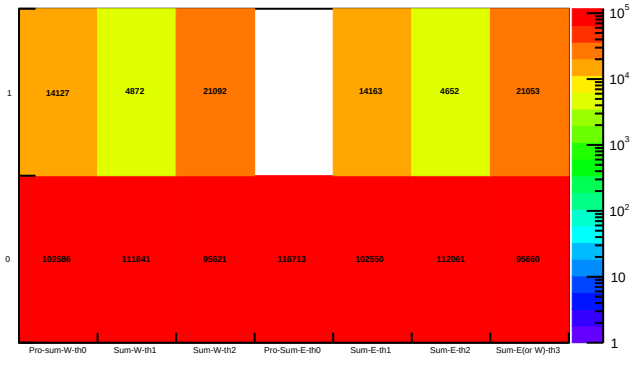
VT201 Input Ch2: ZDC Tac Diff



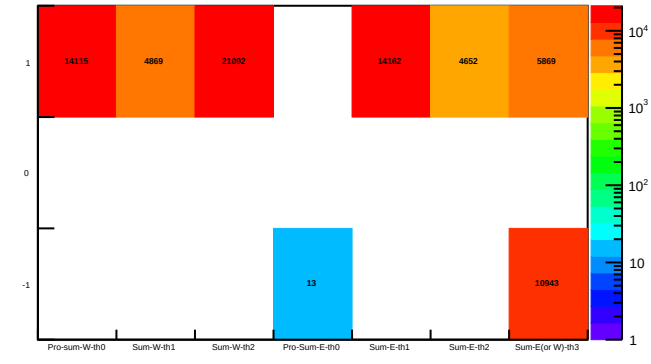
VT201 Input Ch2: ZDC Tac Diff



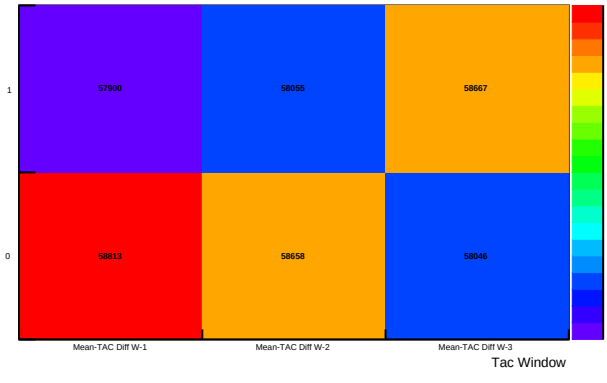
VT201 Input Ch2: ZDC Adc Sum Th



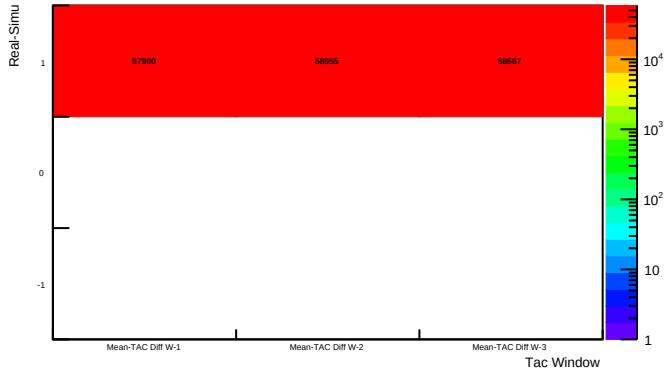
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



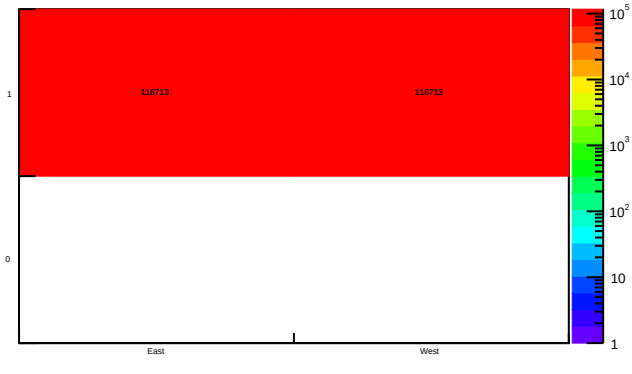
VT201 Input Ch4: VPD Tac Diff



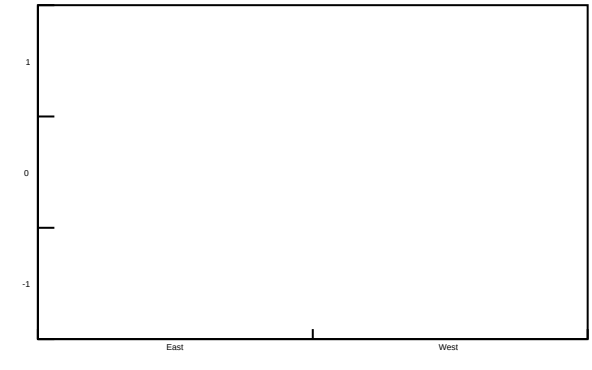
VT201 Input Ch4: VPD Tac Diff

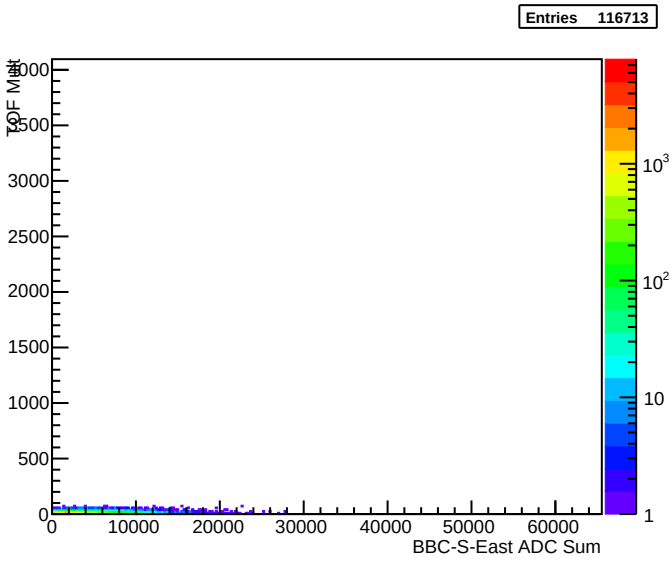


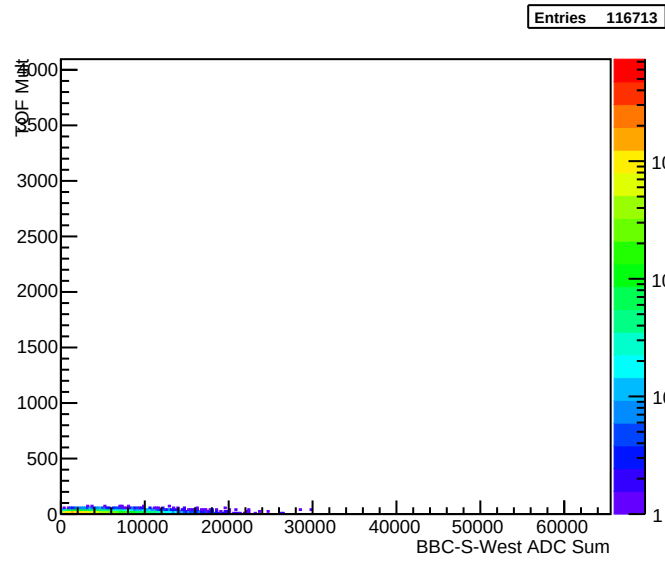
VT201 Input Ch4: VPD Adc Sum Th

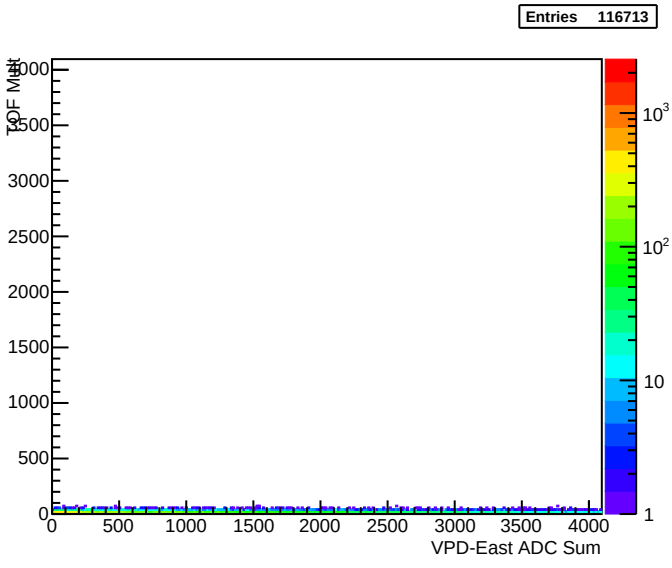


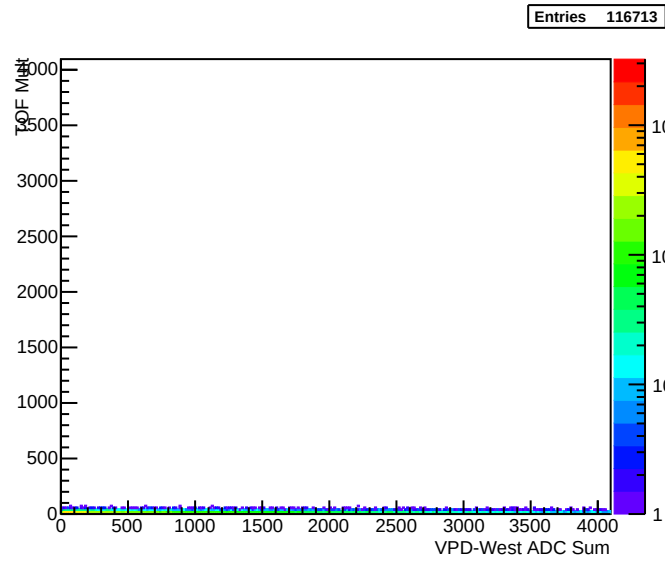
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

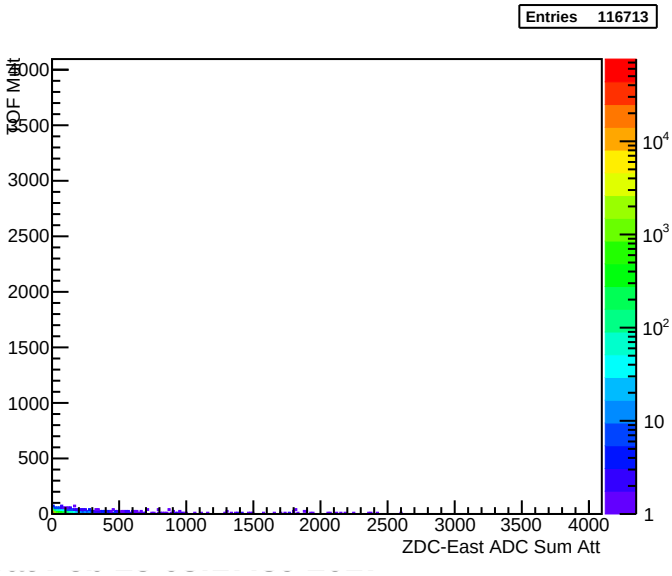


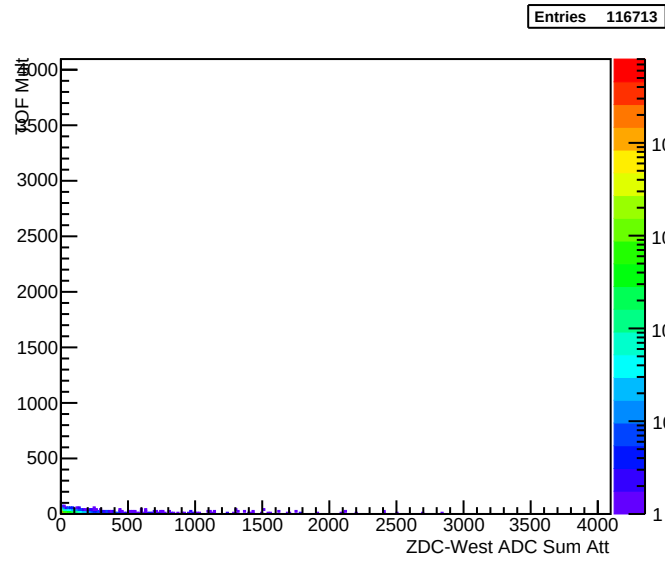

Entries 116713
TOF Mult
BBC-S-East ADC Sum

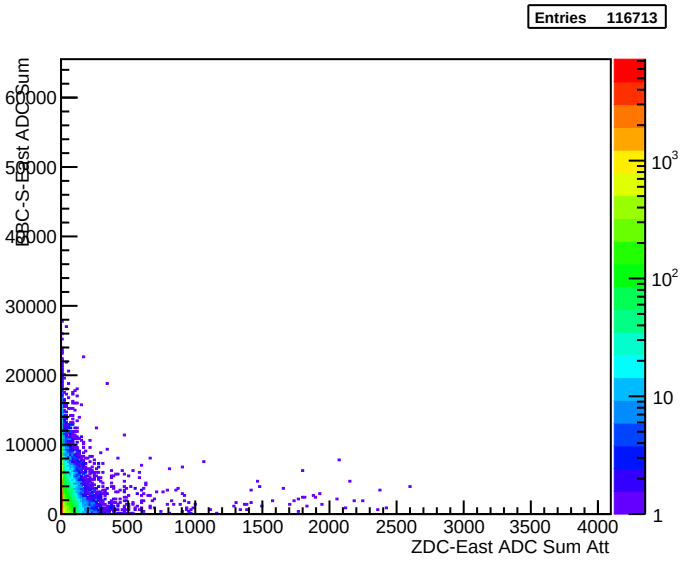

Entries 116713
TOF Mult
BBC-S-West ADC Sum

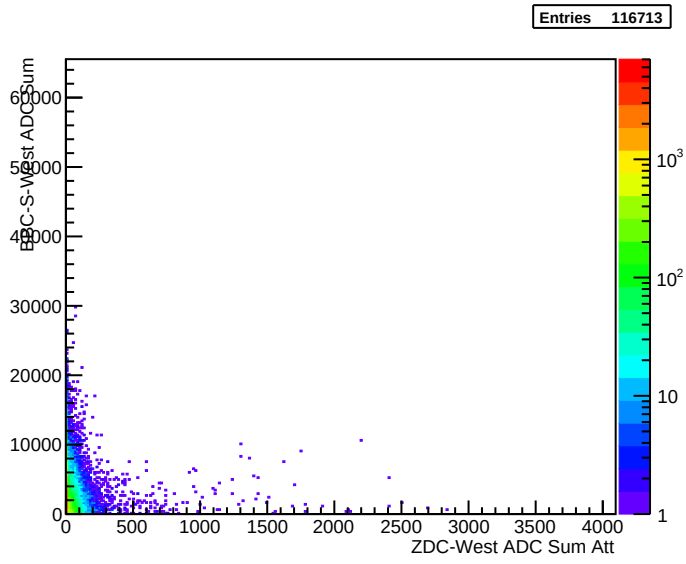

Entries 116713
TOF Mult
VPD-East ADC Sum

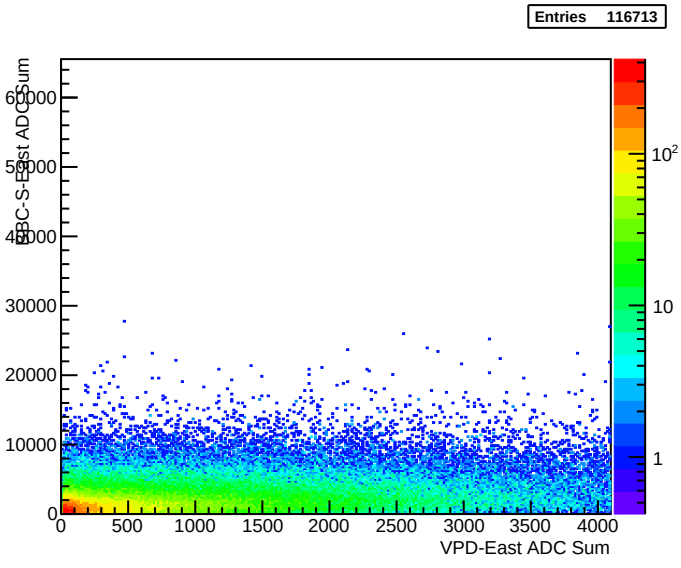

Entries 116713
TOF Mult
VPD-West ADC Sum

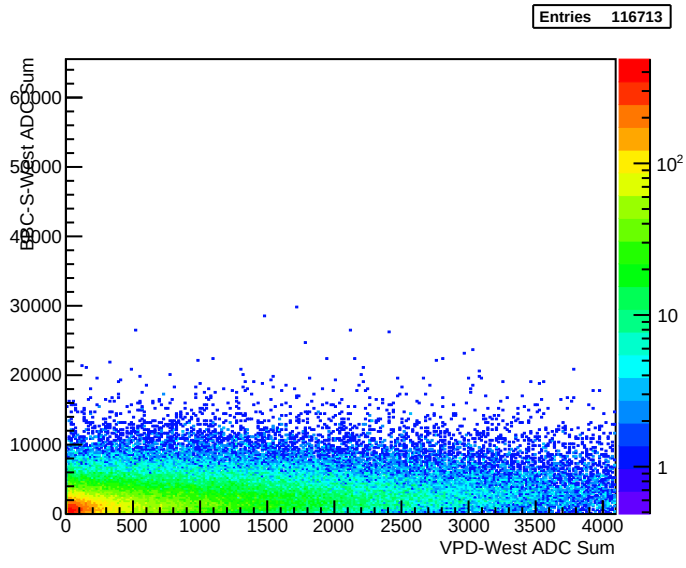

Entries 116713
TOF Mult
ZDC-East ADC Sum Att

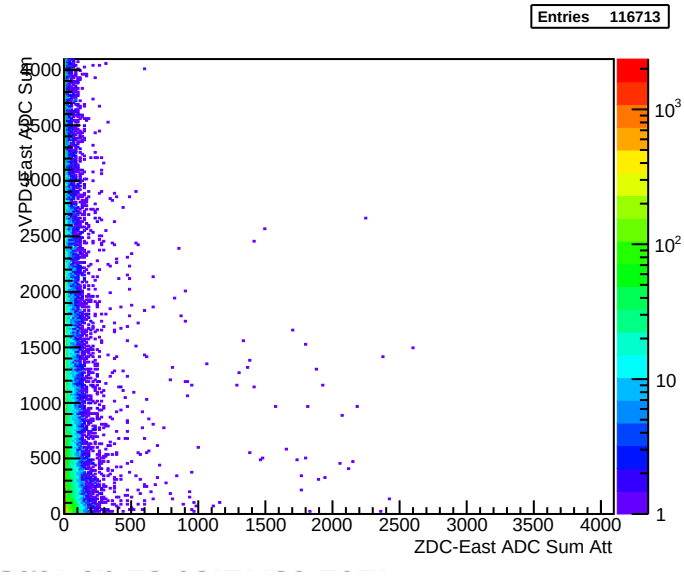

Entries 116713
TOF Mult
ZDC-West ADC Sum Att

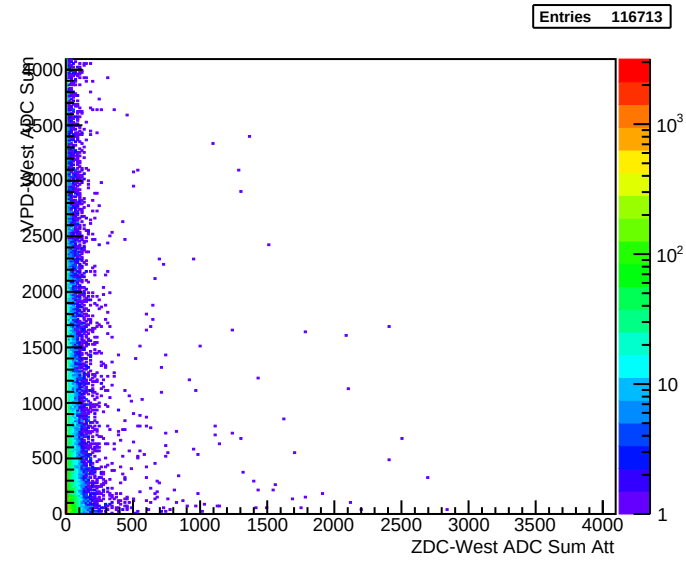

Entries 116713
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

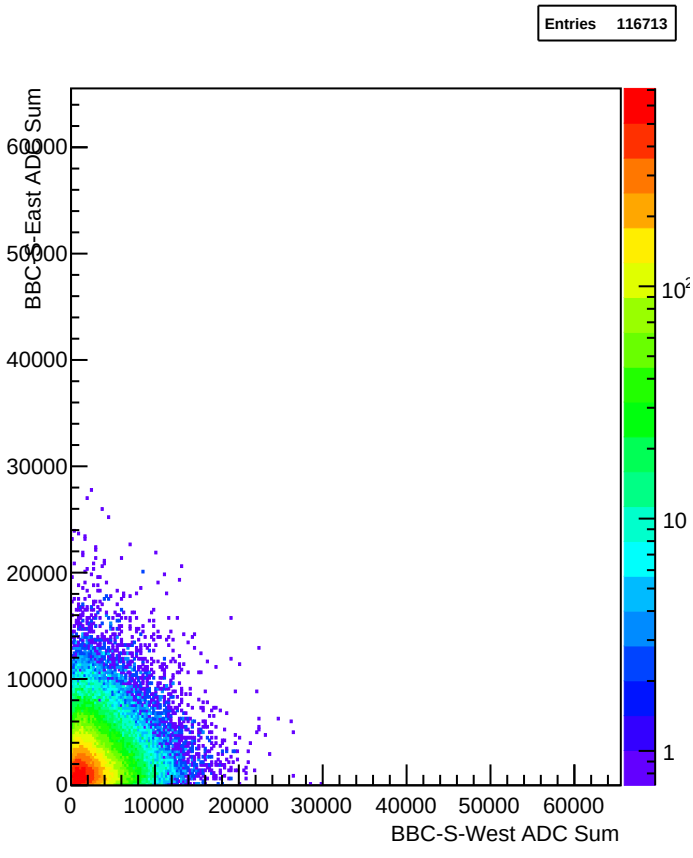

Entries 116713
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

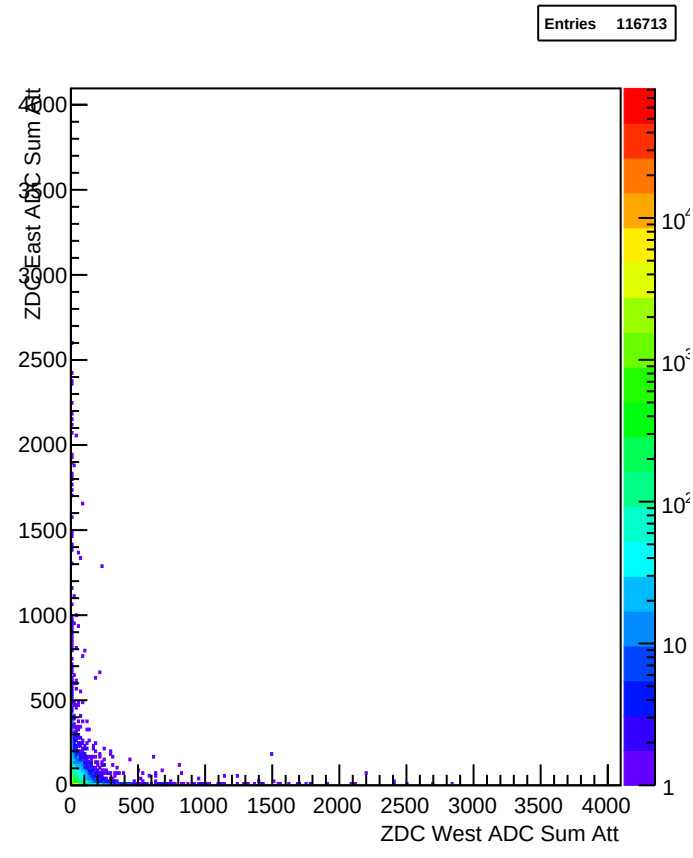

Entries 116713
BBC-S-East ADC Sum
VPD-East ADC Sum

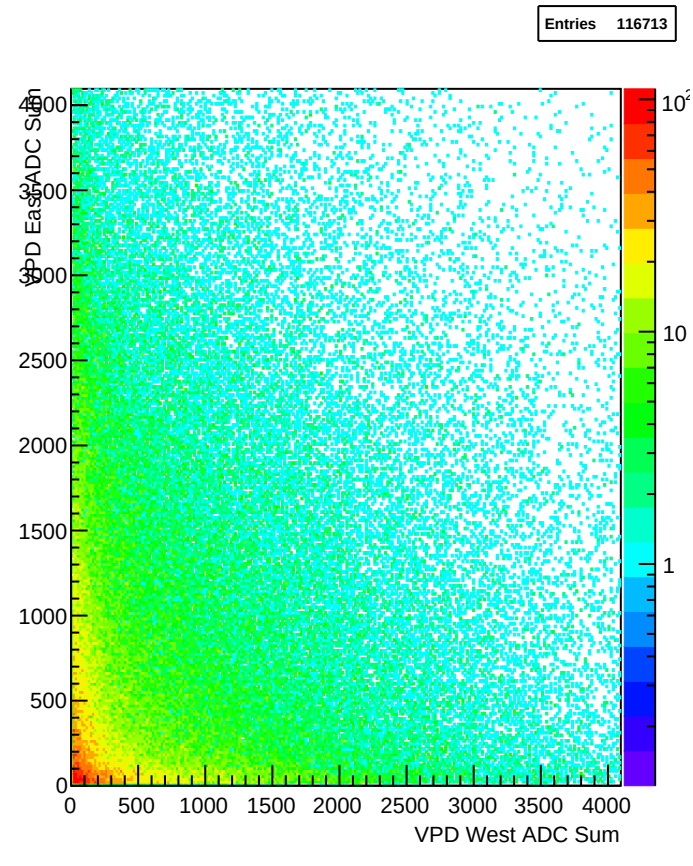

Entries 116713
BBC-S-West ADC Sum
VPD-West ADC Sum

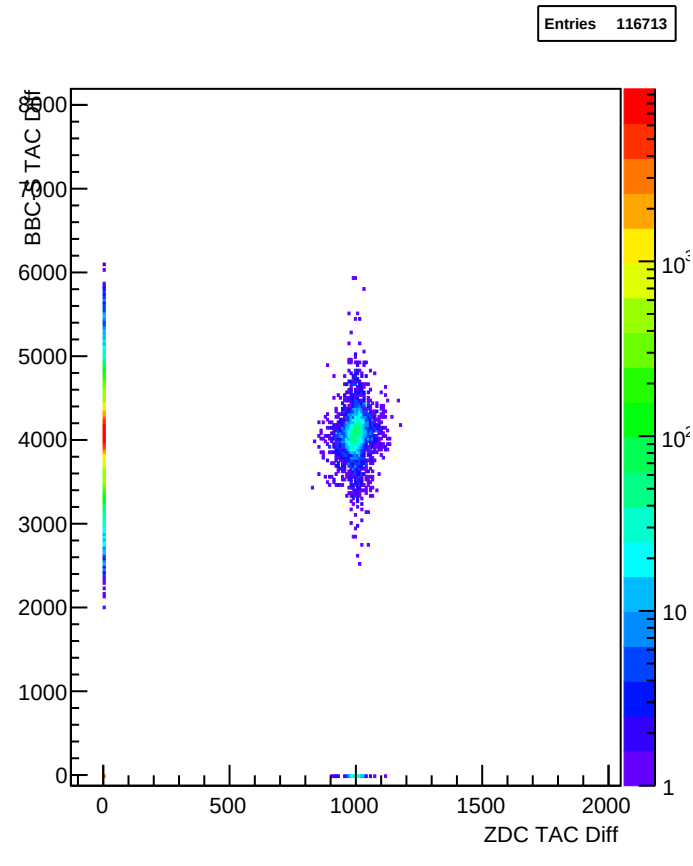

Entries 116713
VPD-East ADC Sum
ZDC-East ADC Sum Att

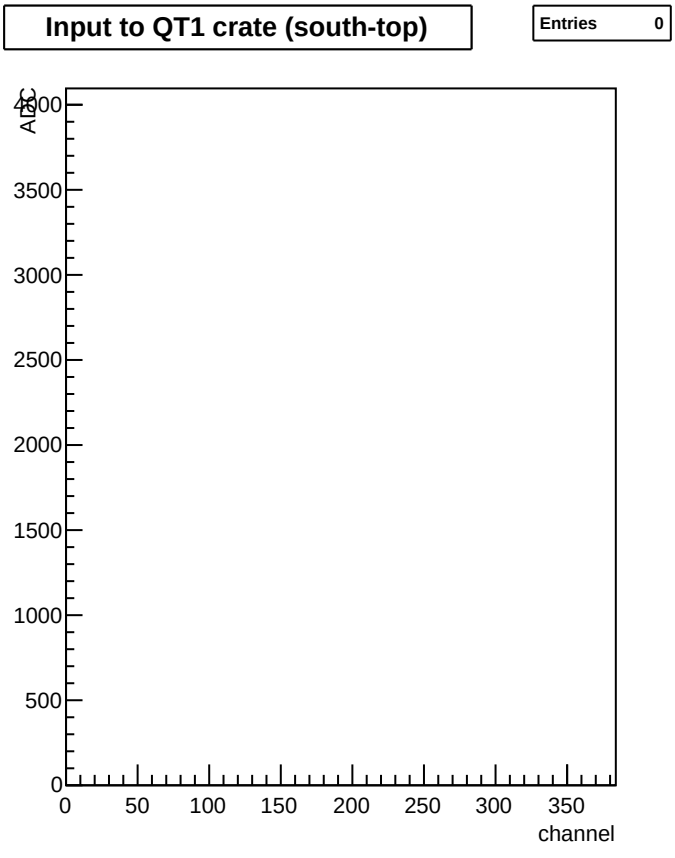

Entries 116713
VPD-West ADC Sum
ZDC-West ADC Sum Att

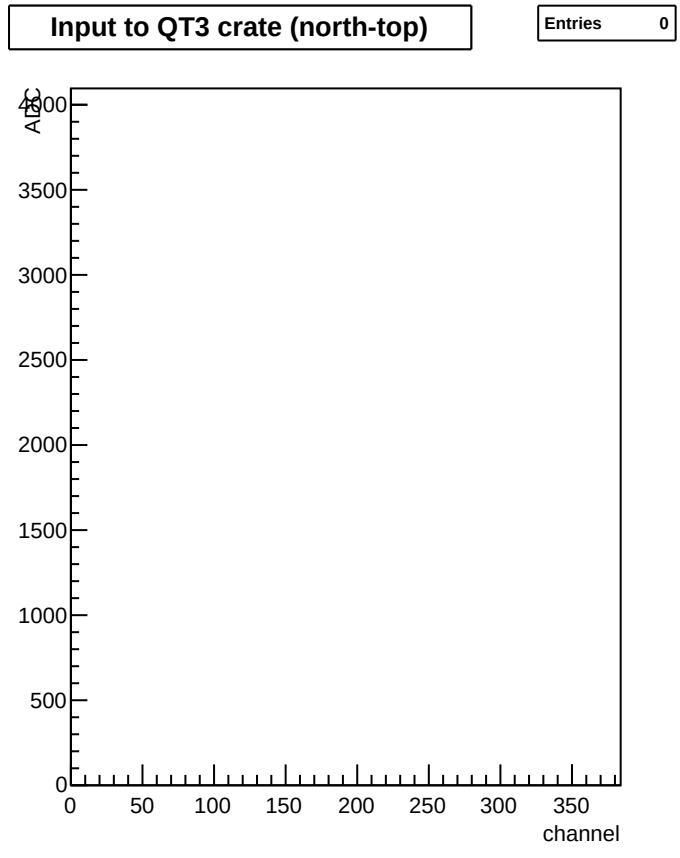

Entries 116713
BBC-S-East ADC Sum
BBC-S-West ADC Sum

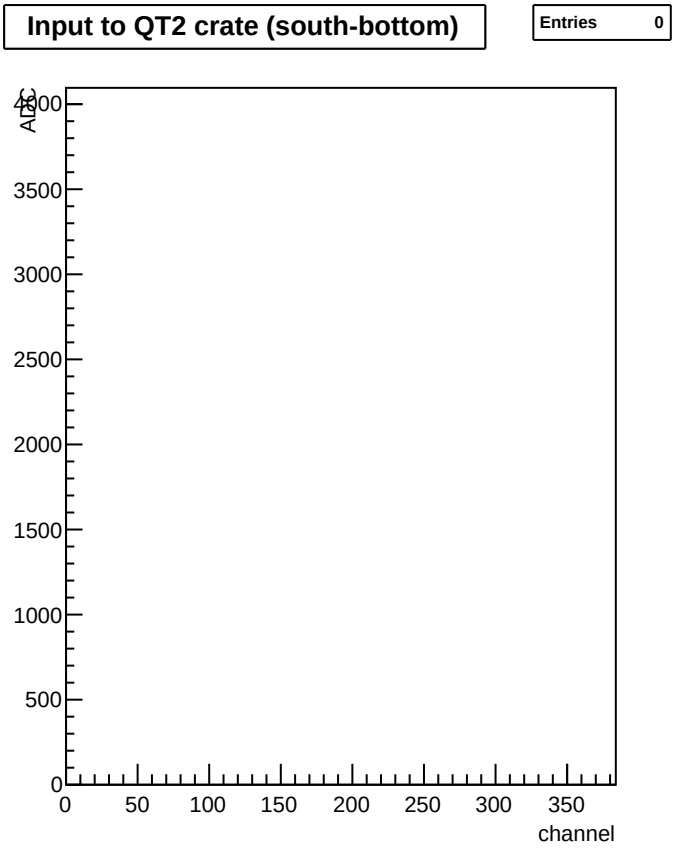

Entries 116713
ZDC East ADC Sum Att
ZDC West ADC Sum Att

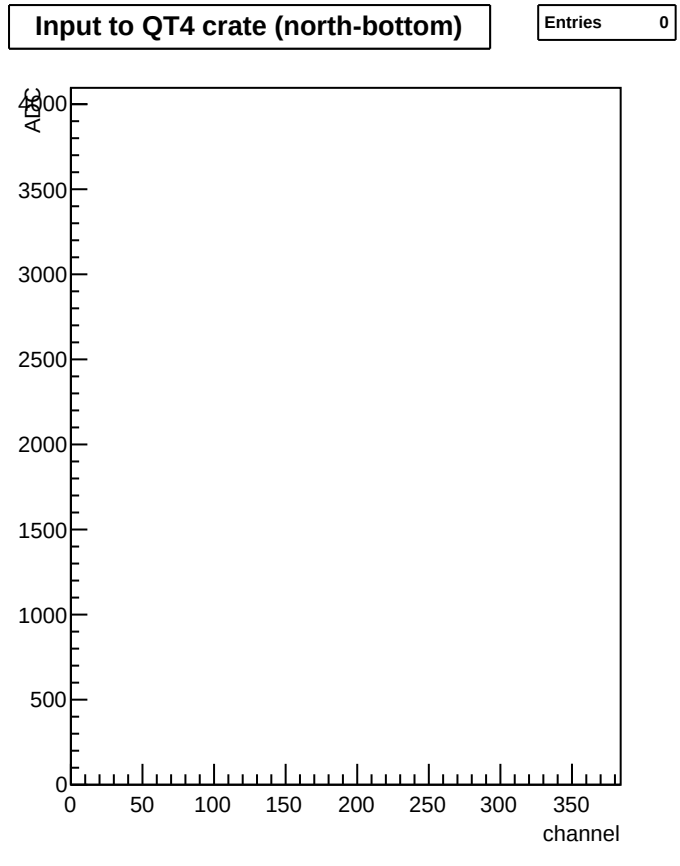

Entries 116713
VPD East ADC Sum
VPD West ADC Sum

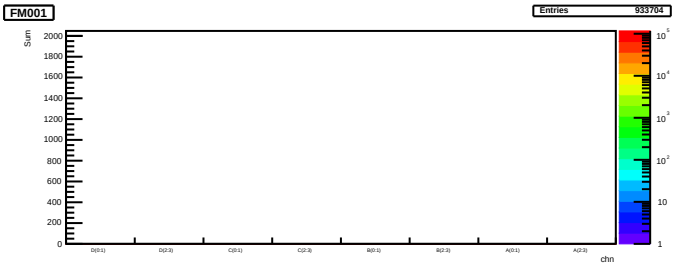

Entries 116713
BBC-S TAC Diff
ZDC TAC Diff

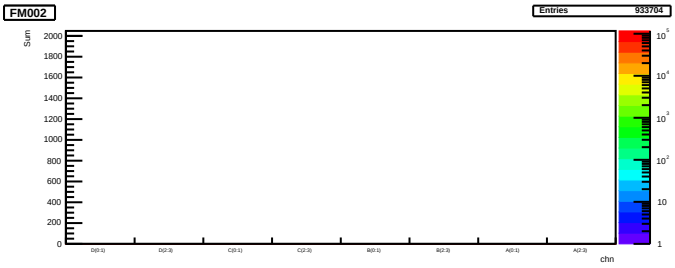

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

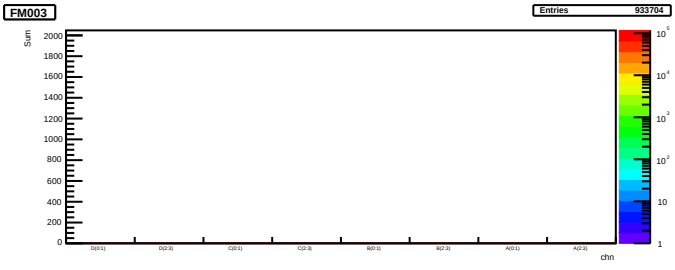

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

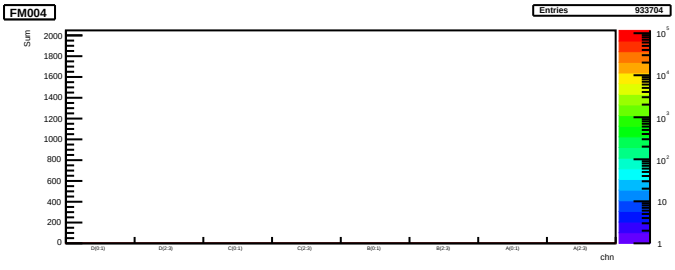

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

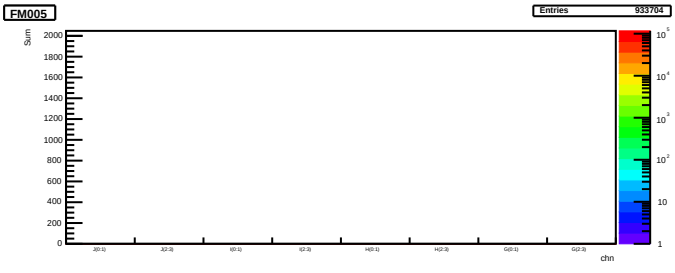

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

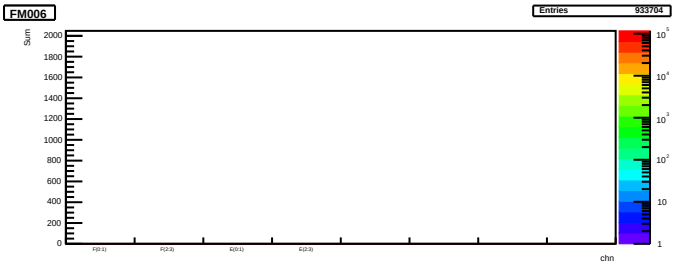

FM001
Entries 933704
Sum
chn

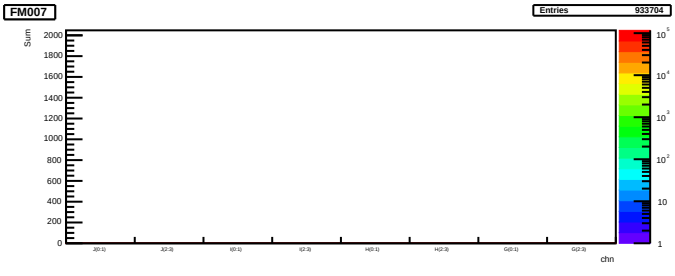

FM002
Entries 933704
Sum
chn

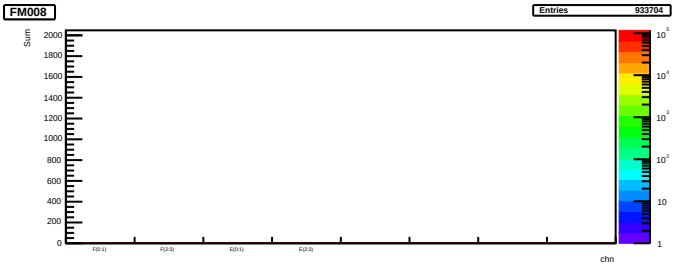

FM003
Entries 933704
Sum
chn

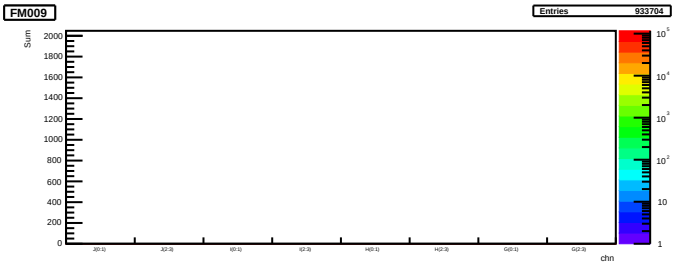

FM004
Entries 933704
Sum
chn

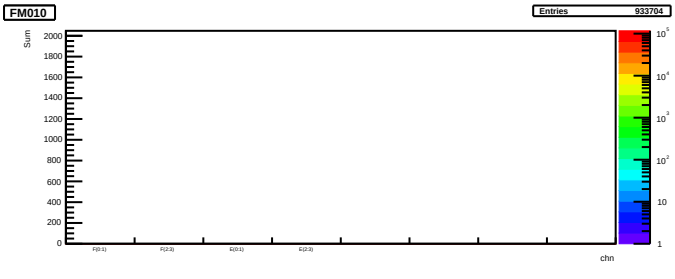

FM005
Entries 933704
Sum
chn

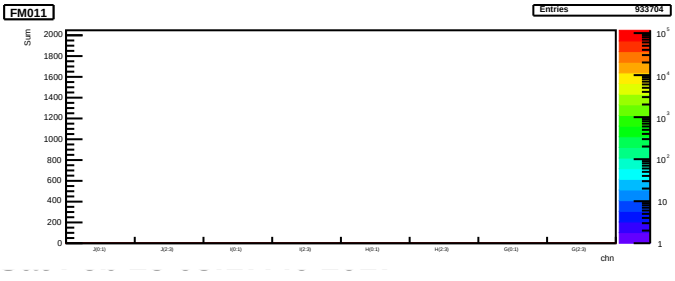

FM006
Entries 933704
Sum
chn

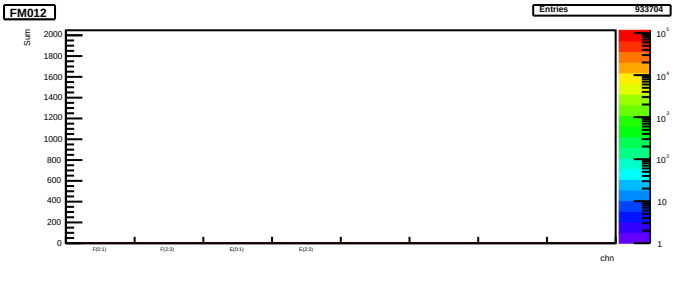

FM007
Entries 933704
Sum
chn

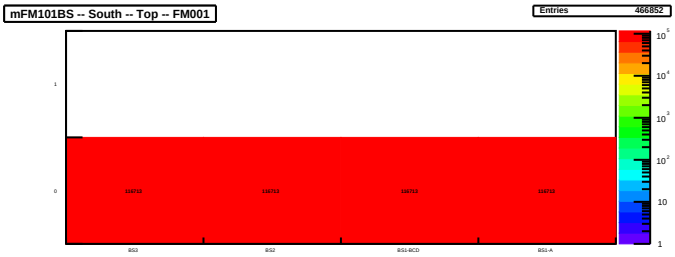

FM008
Entries 933704
Sum
chn


FM009
Entries 933704
Sum
chn


FM010
Entries 933704
Sum
chn


FM011
Entries 933704
Sum
chn


FM012
Entries 933704
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 466852
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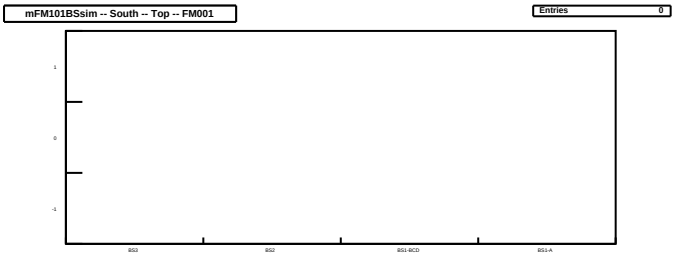
BS3
BS2
BS1-BCD
BS1-A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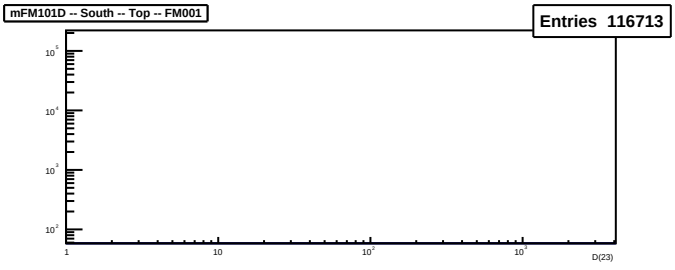
BS2
BS1-BCD
BS1-A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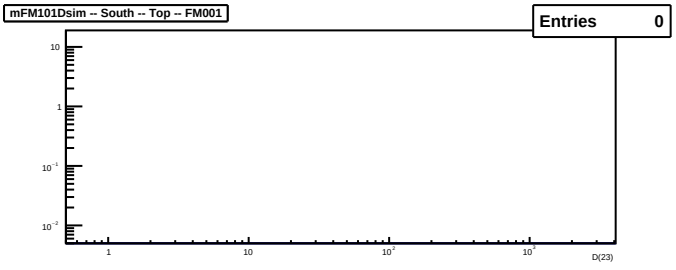
Entries 116713
D(23)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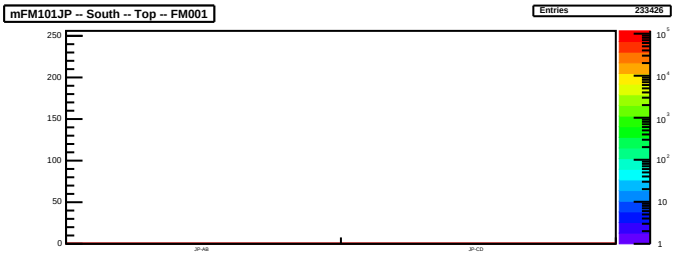
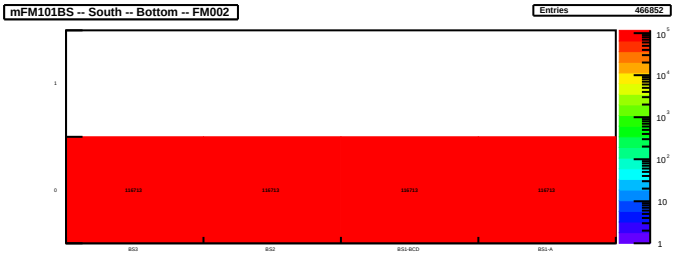
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 233426
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 466852
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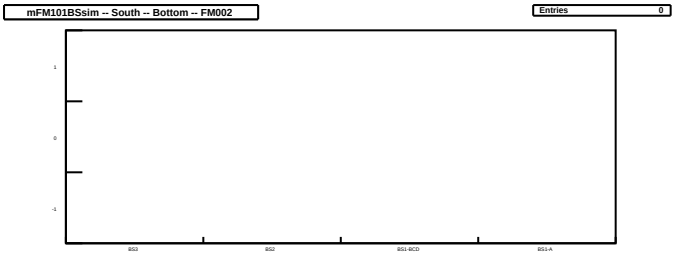
116713
116713
116713
BS3
BS2
BS1-BCD
BS1-A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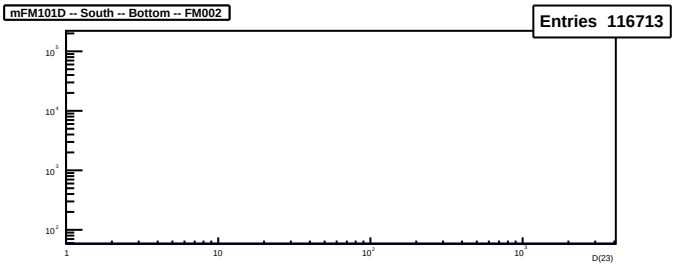
Entries 0
BS3
BS2
BS1-BCD
BS1-A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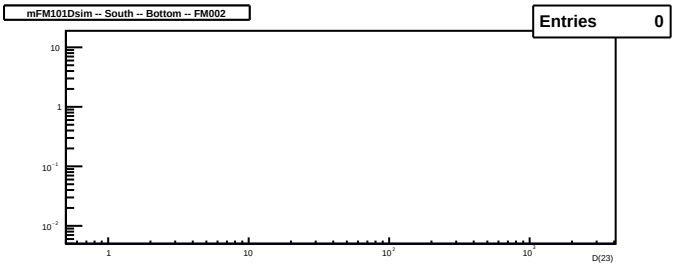
Entries 116713
D(23)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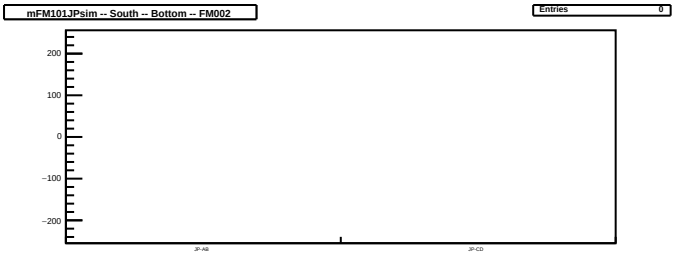
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 233426
JP-AB
JP-CD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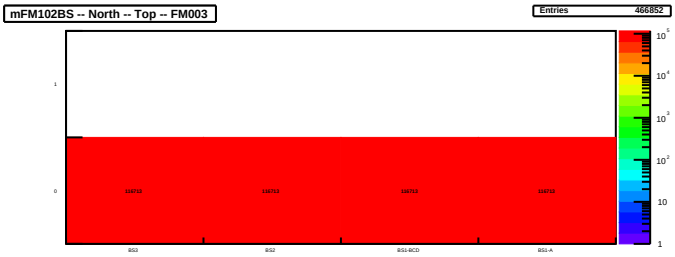
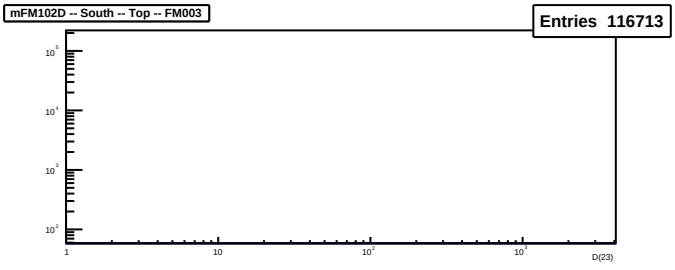
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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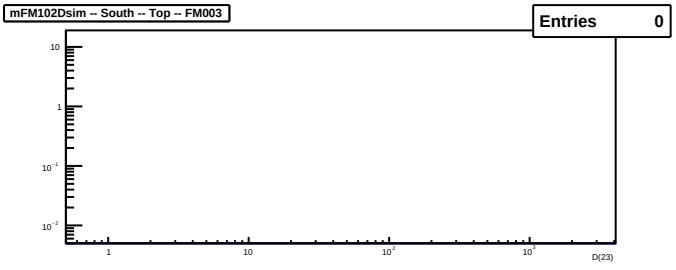
Entries 116713
D(23)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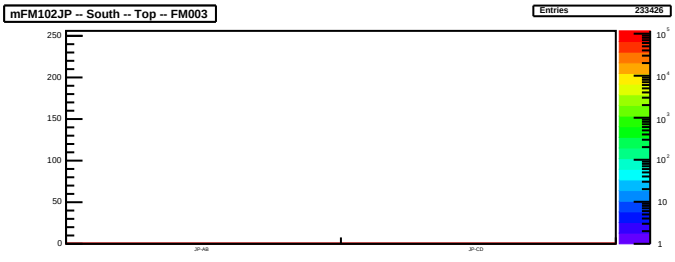
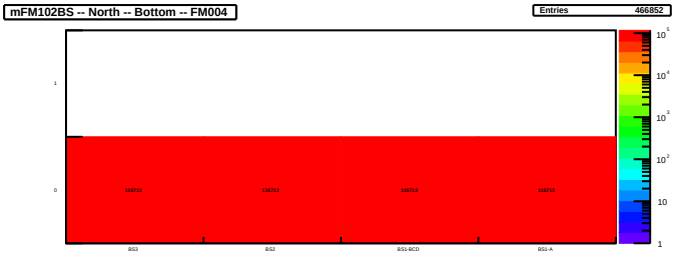
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 233426
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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Entries 466852
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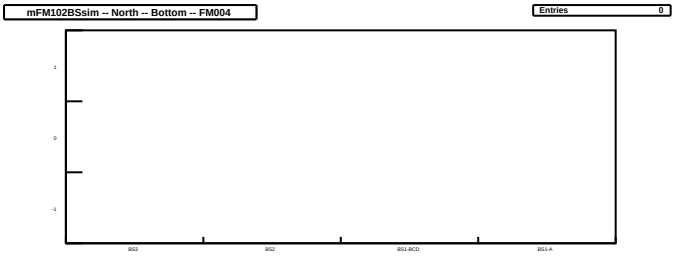
116713
116713
BS3
BS2
BS1-BCD
BS1-A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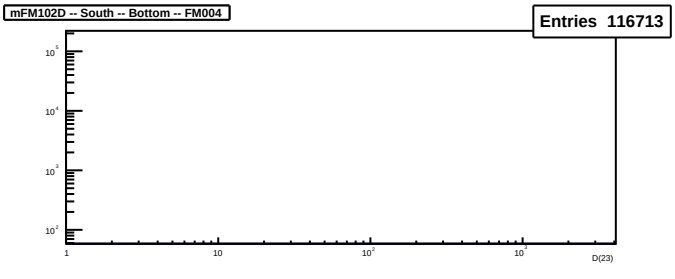
Entries 0
BS3
BS2
BS1-BCD
BS1-A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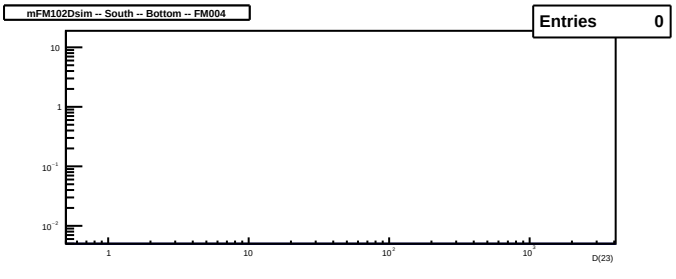
Entries 116713
D(23)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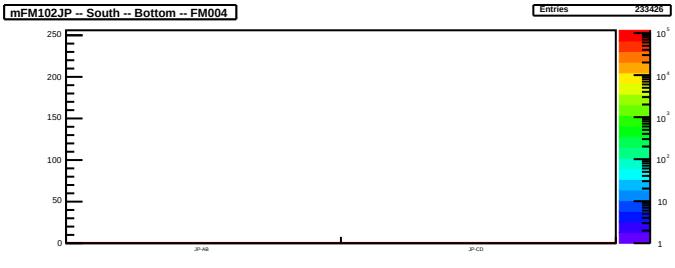
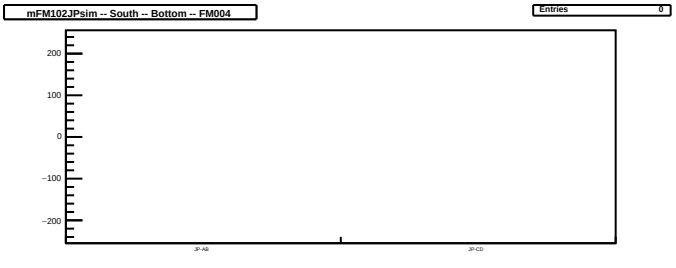
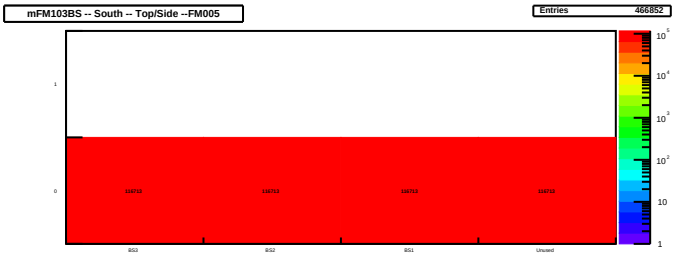
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 233426
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD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Entries 466852
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116713
116713
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BS3
BS2
BS1
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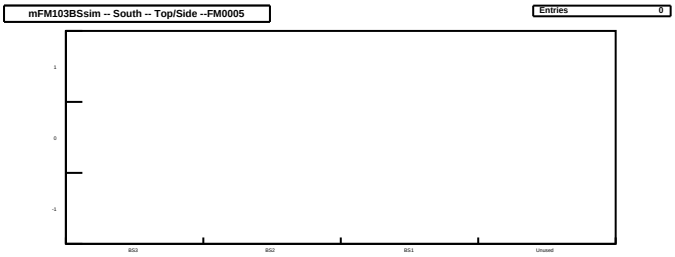
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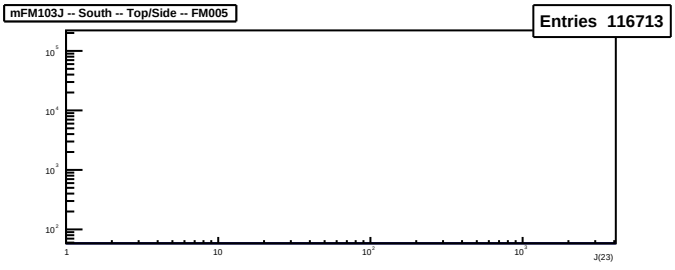
Entries 0
BS3
BS2
BS1
Unused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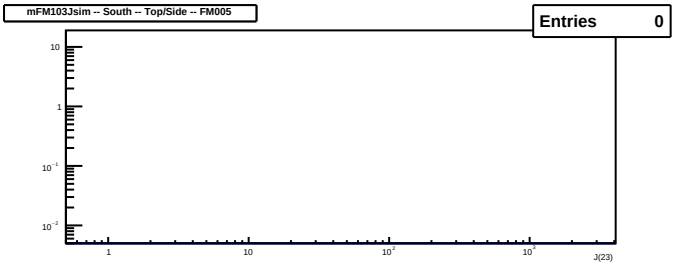
Entries 116713
J(23)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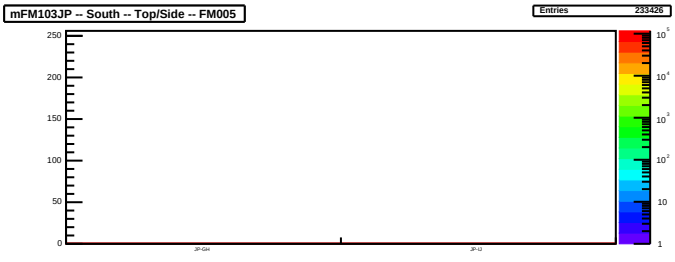
Entries 0
J(23)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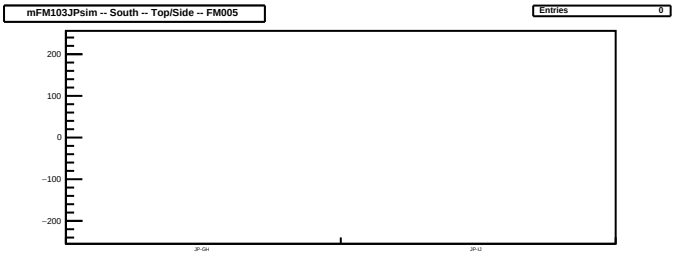
Entries 233426
JP-GH
JP-U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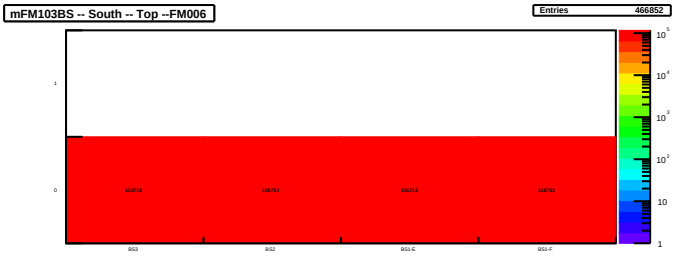
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Top --FM006
Entries 466852
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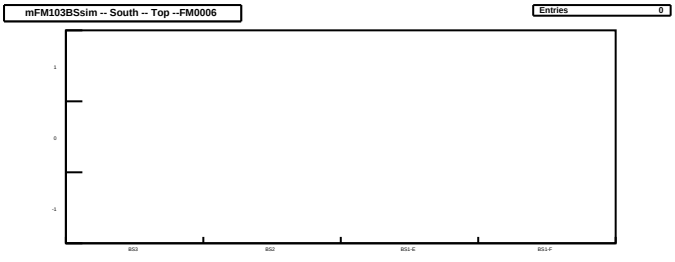
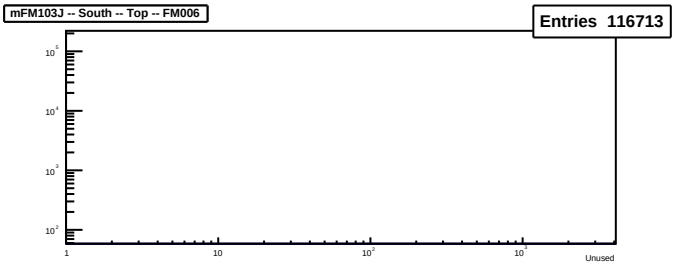
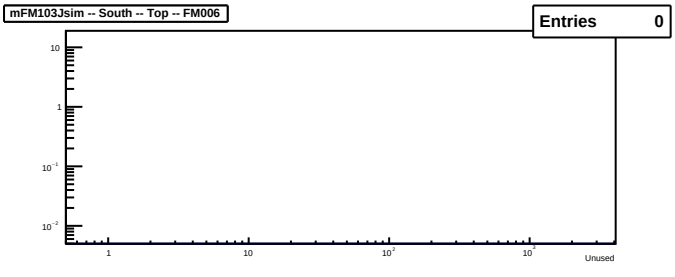
116713
116713
116713
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 116713
Unused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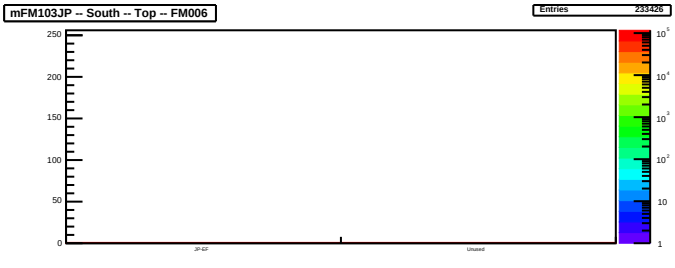
Entries 0
Unused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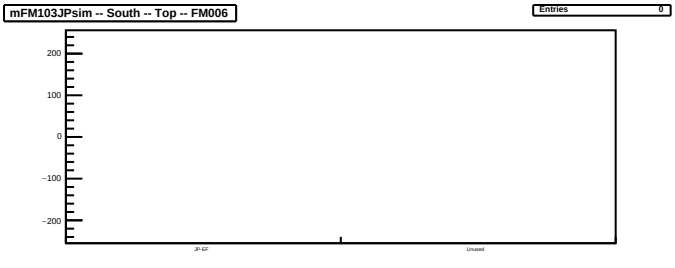
Entries 233426
JP-EF
Unused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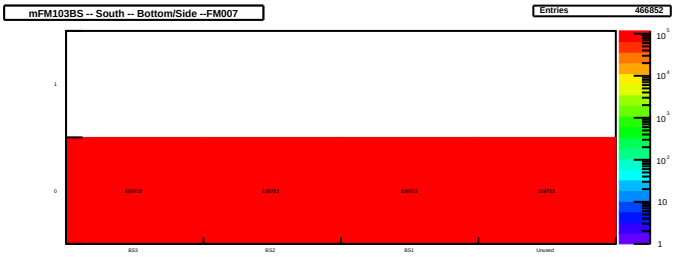
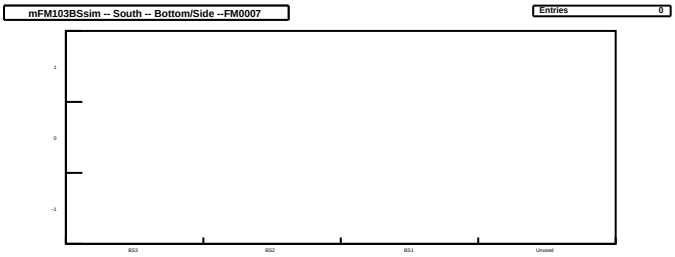
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1
Unused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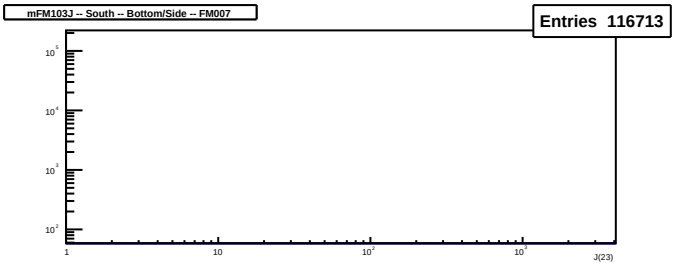
Entries 0
BS3
BS2
BS1
Unused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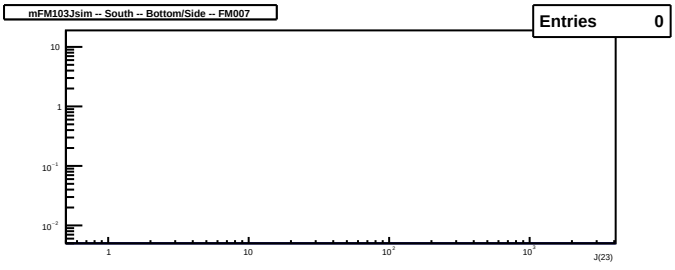
Entries 116713
J(23)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Entries 0
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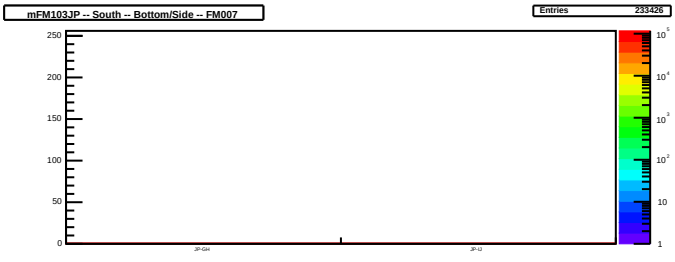
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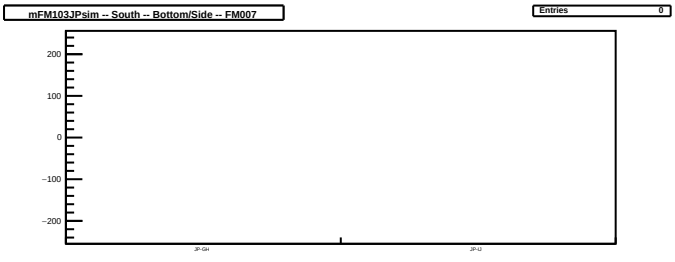
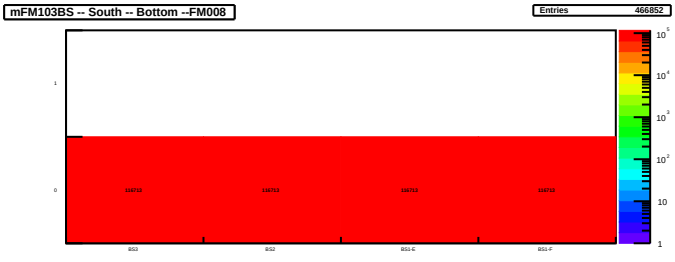
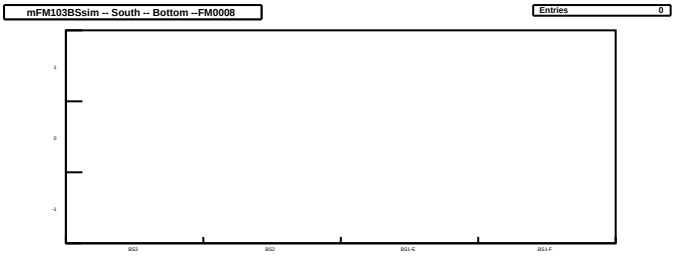
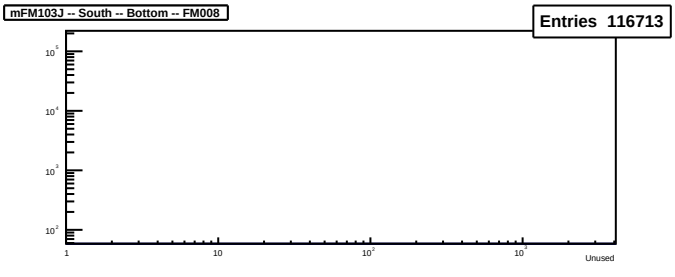
Entries 233426
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 116713
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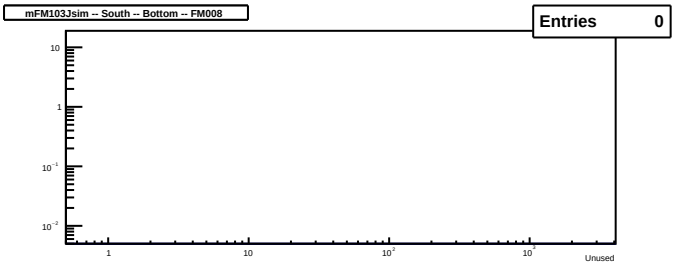
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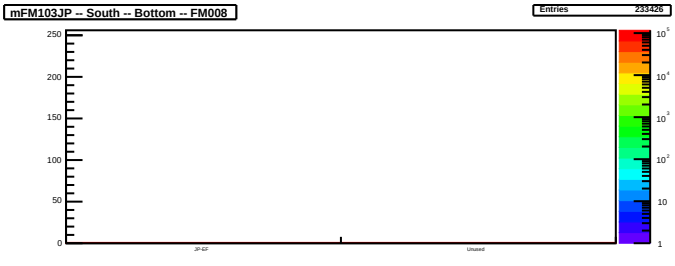
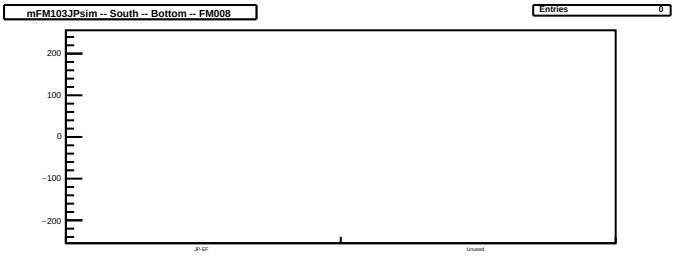
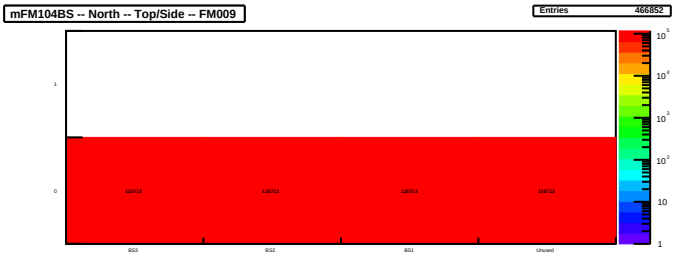
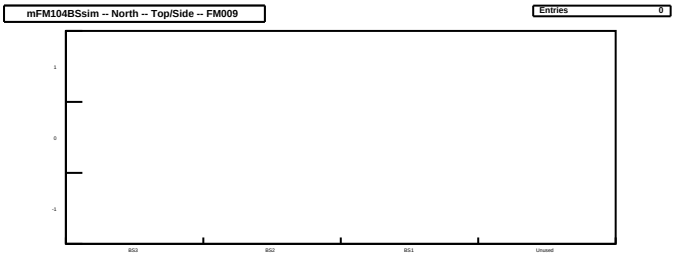
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 233426
JP-EF
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1
Unused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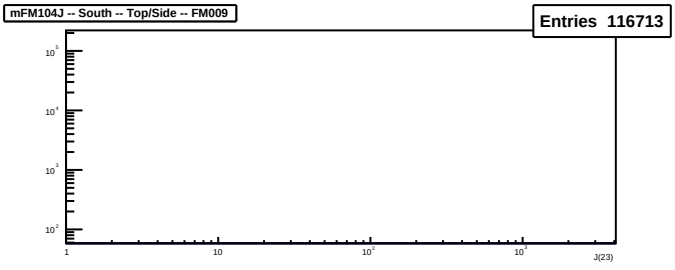
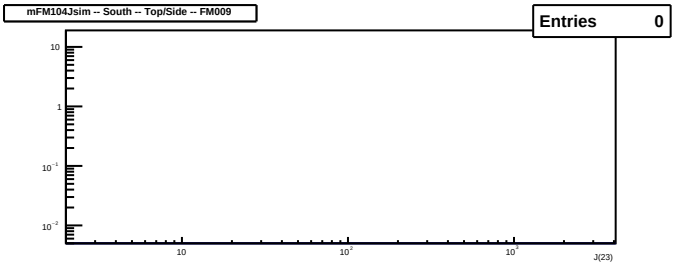
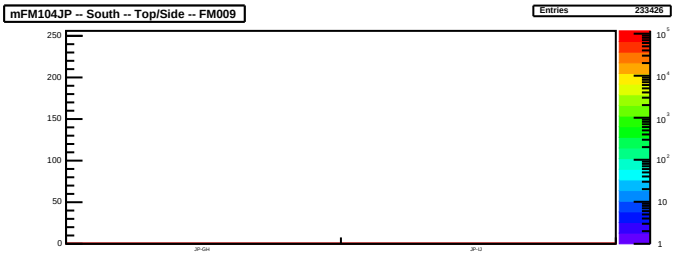
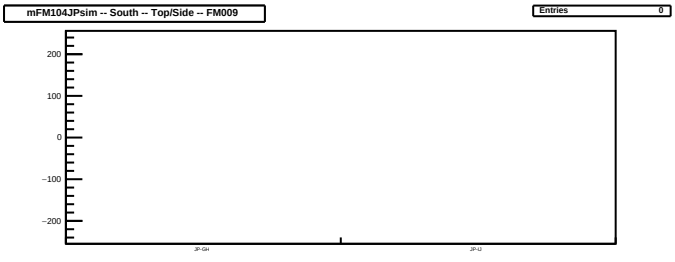
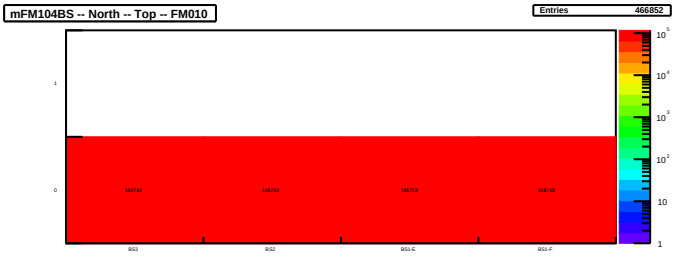
Entries 0
BS3
BS2
BS1
Unused

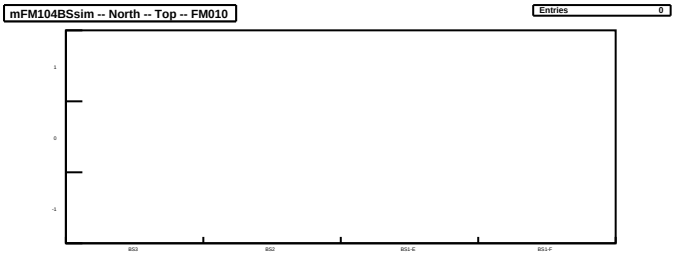

mFM104J -- South -- Top/Side -- FM009
Entries 116713
J(23)

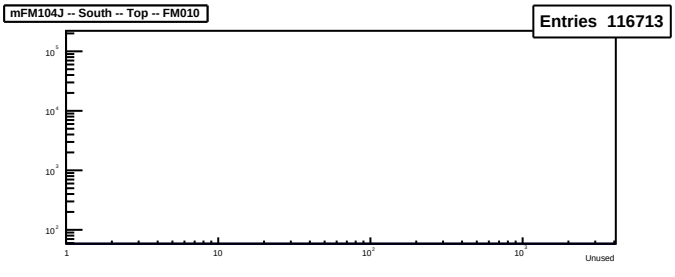

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

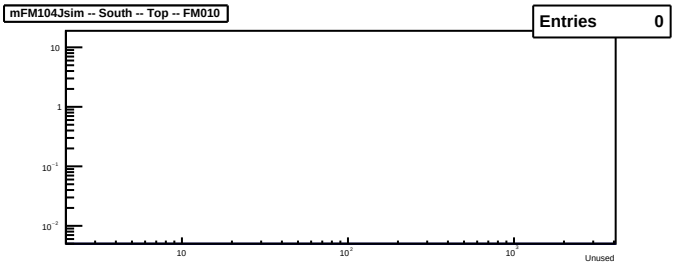

mFM104JP -- South -- Top/Side -- FM009
Entries 233426
JP-GH
JP-IJ

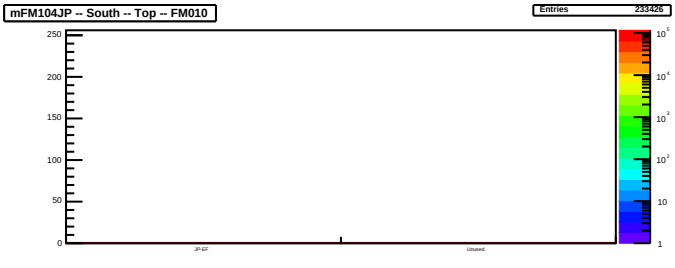

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ

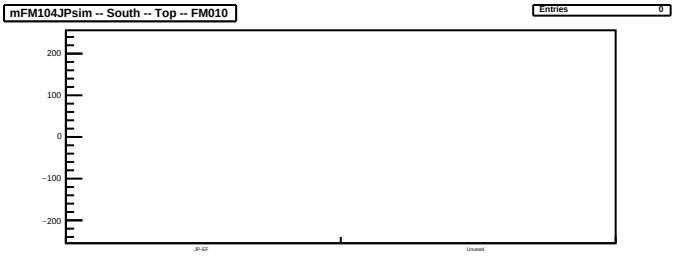

mFM104BS -- North -- Top -- FM010
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1-E
BS1-F

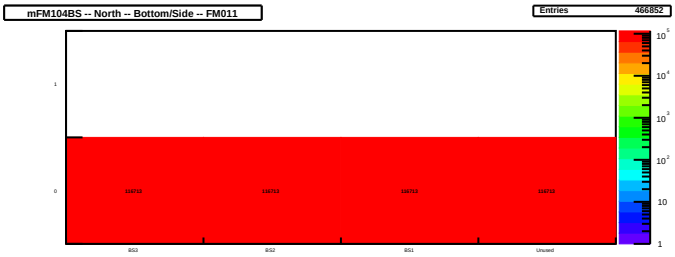

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

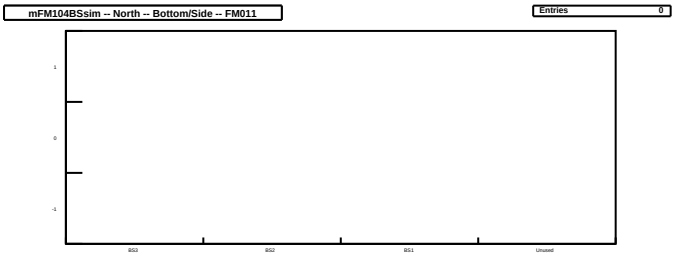

mFM104J -- South -- Top -- FM010
Entries 116713
Unused

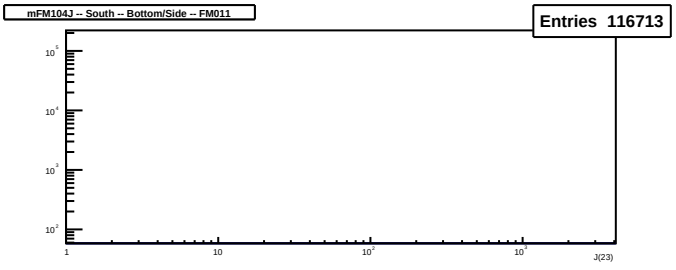

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

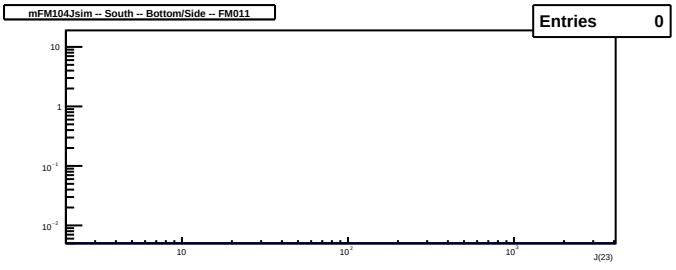

mFM104JP -- South -- Top -- FM010
Entries 233426
JP-EF
Unused

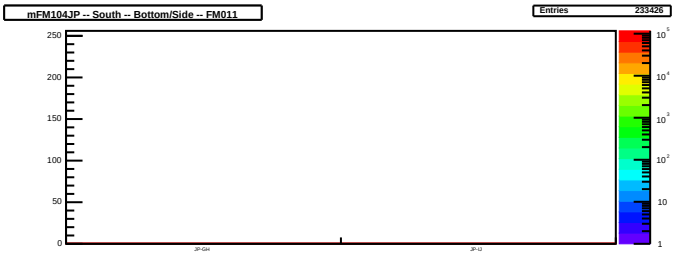

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

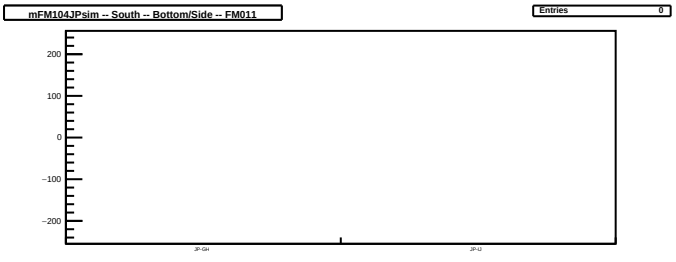

mFM104BS -- North -- Bottom/Side -- FM011
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1
Unused

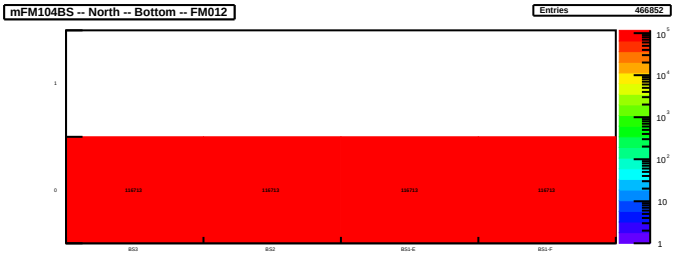

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

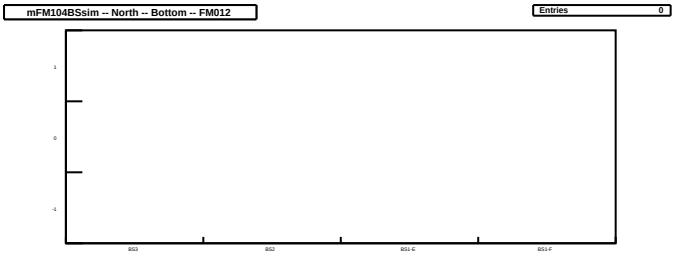

mFM104J -- South -- Bottom/Side -- FM011
Entries 116713
J(23)

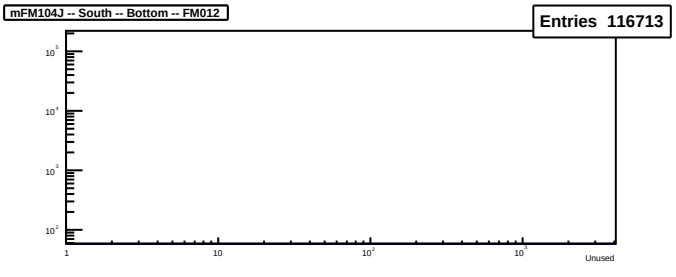

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

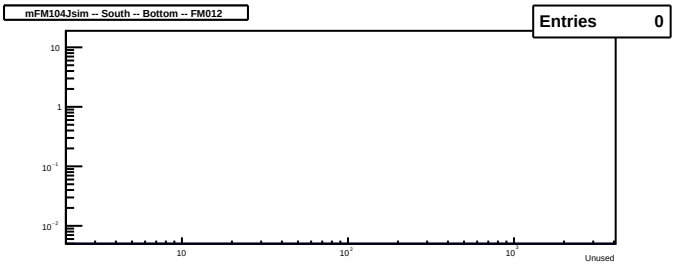

mFM104JP -- South -- Bottom/Side -- FM011
Entries 233426
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 466852
116713
116713
116713
116713
BS3
BS2
BS1-E
BS1-F

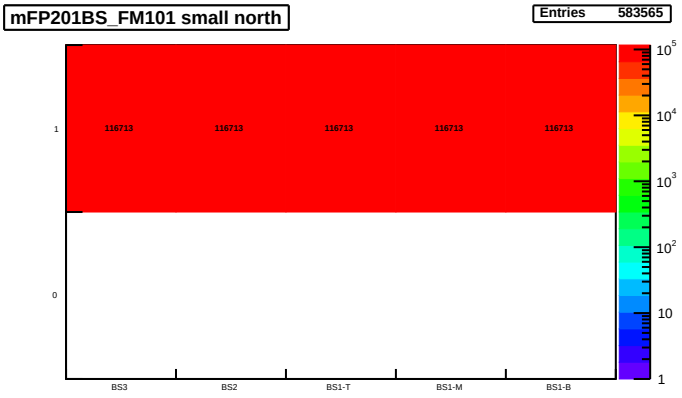

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

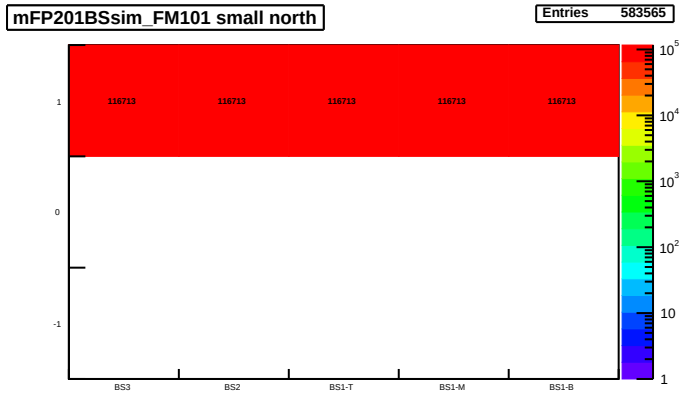

mFM104J -- South -- Bottom -- FM012
Entries 116713
Unused

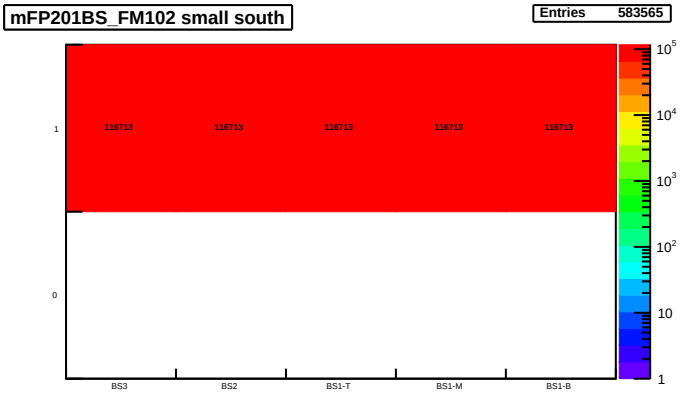

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

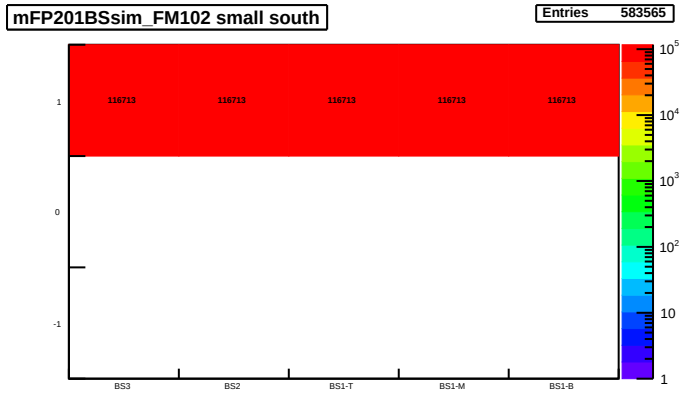
mFM104JP -- South -- Bottom -- FM012
Entries 233426
JP-EF
Unused

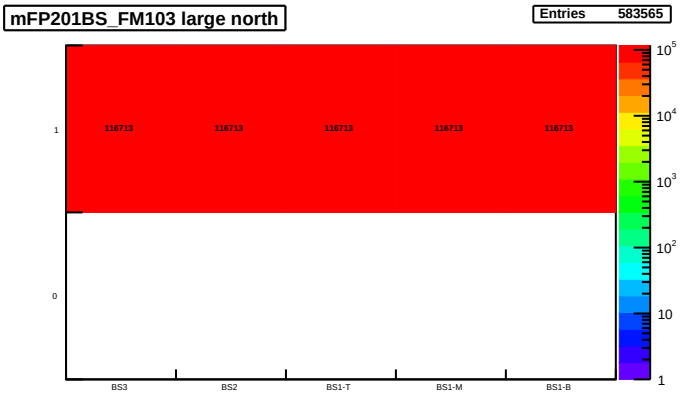
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

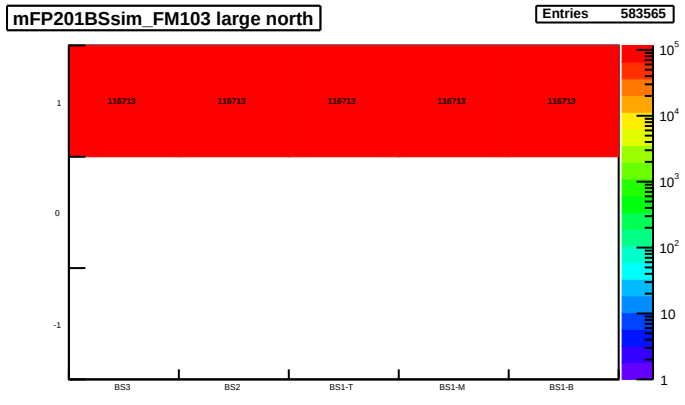

mFP201BS_FM101 small north
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

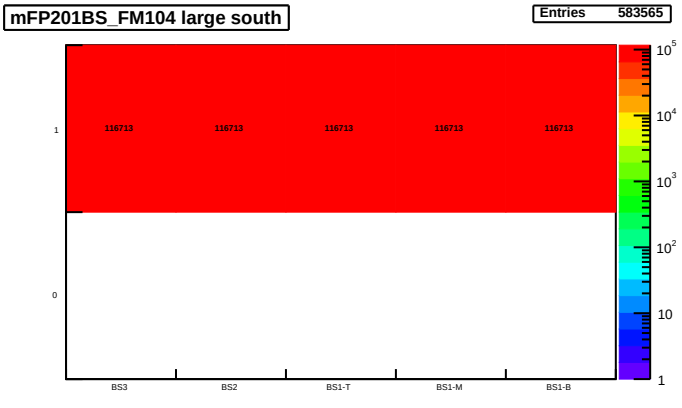

mFP201BSsim_FM101 small north
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

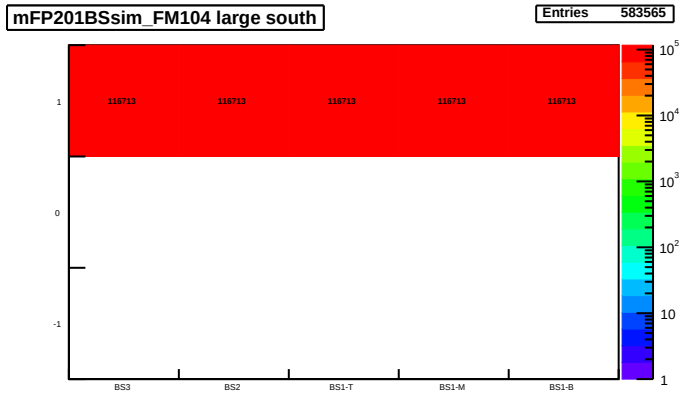

mFP201BS_FM102 small south
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

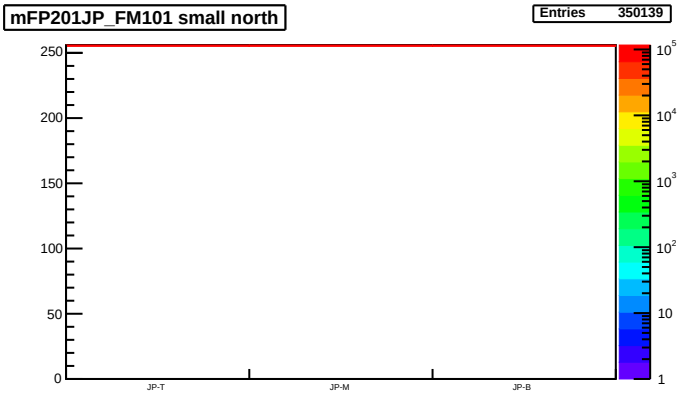

mFP201BSsim_FM102 small south
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

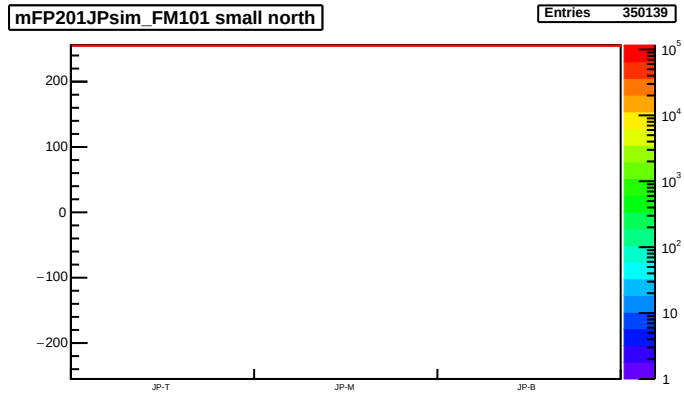

mFP201BS_FM103 large north
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

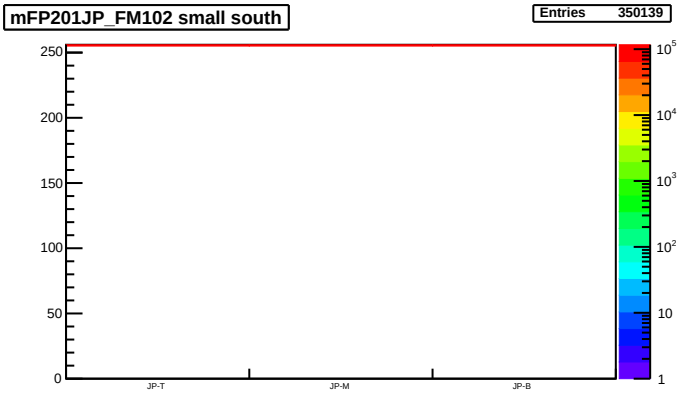

mFP201BSsim_FM103 large north
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

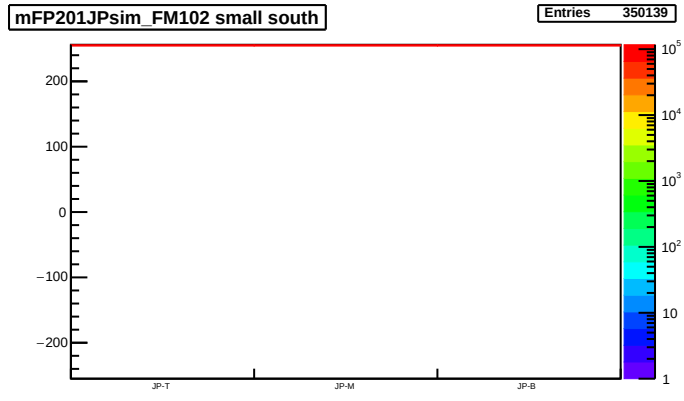

mFP201BS_FM104 large south
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

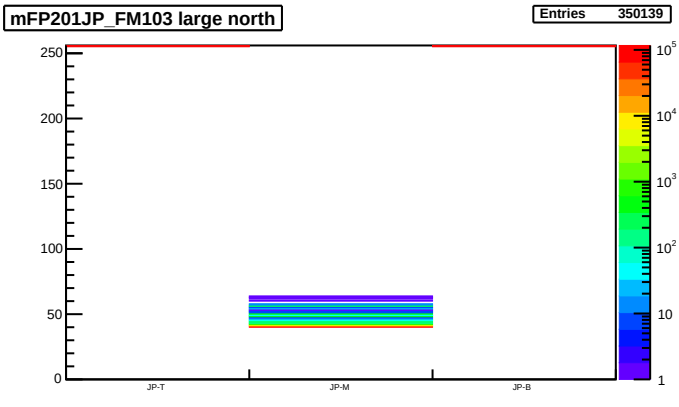

mFP201BSsim_FM104 large south
Entries 583565
116713
BS3
BS2
BS1-T
BS1-M
BS1-B

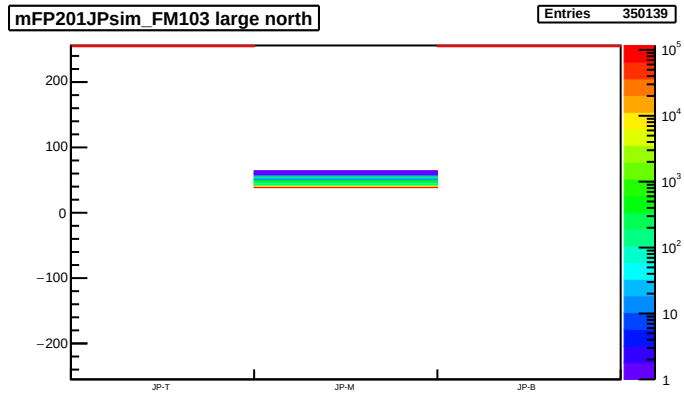

mFP201JP_FM101 small north
Entries 350139
JP-T
JP-M
JP-B

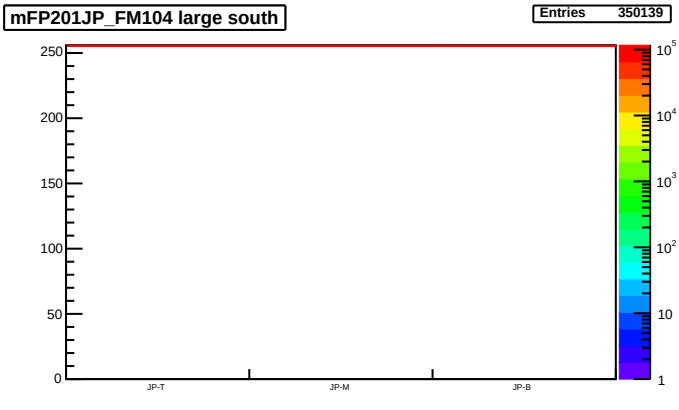

mFP201JPsim_FM101 small north
Entries 350139
JP-T
JP-M
JP-B

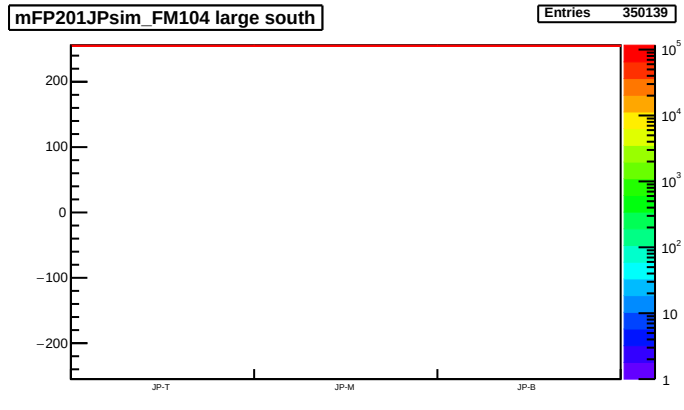

mFP201JP_FM102 small south
Entries 350139
JP-T
JP-M
JP-B

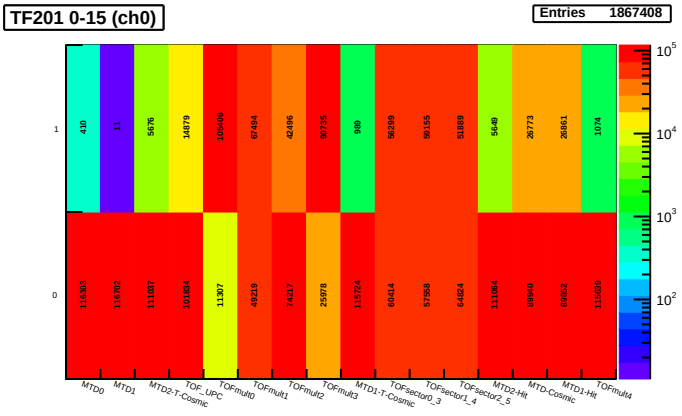

mFP201JPsim_FM102 small south
Entries 350139
JP-T
JP-M
JP-B

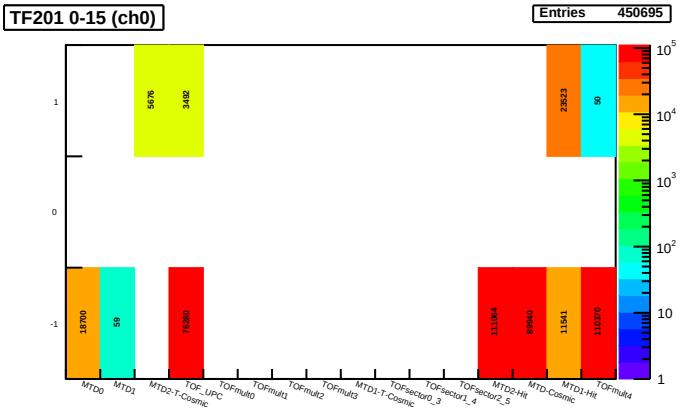

mFP201JP_FM103 large north
Entries 350139
JP-T
JP-M
JP-B

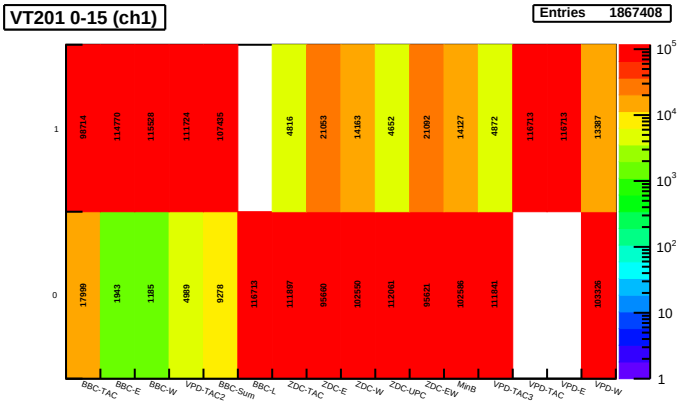

mFP201JPsim_FM103 large north
Entries 350139
JP-T
JP-M
JP-B

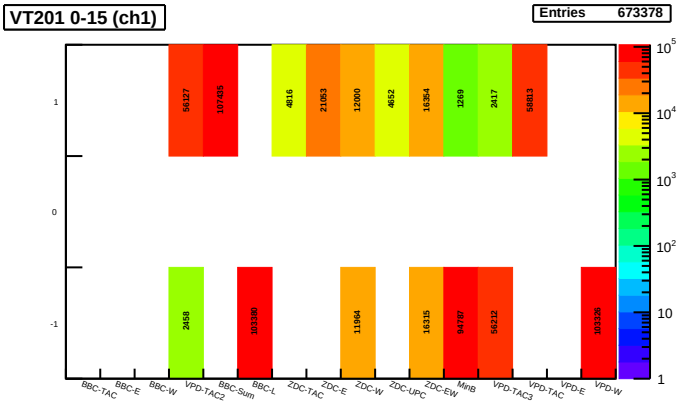

mFP201JP_FM104 large south
Entries 350139
JP-T
JP-M
JP-B

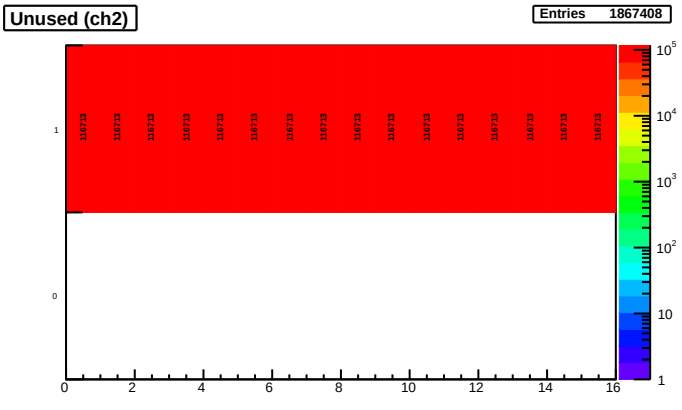

mFP201JPsim_FM104 large south
Entries 350139
JP-T
JP-M
JP-B

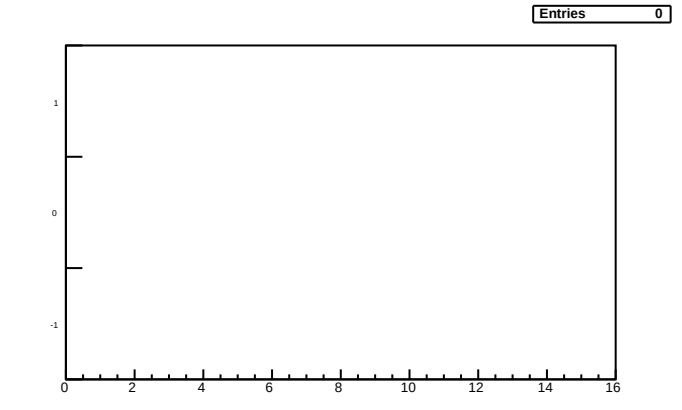

TF201 0-15 (ch0)
Entries 1867408
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

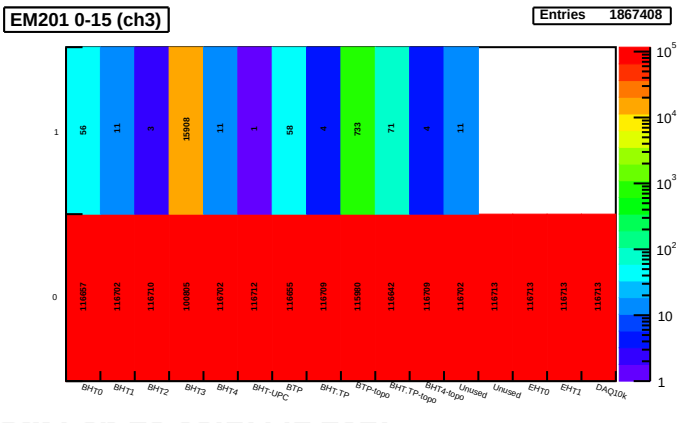

TF201 0-15 (ch0)
Entries 450695
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

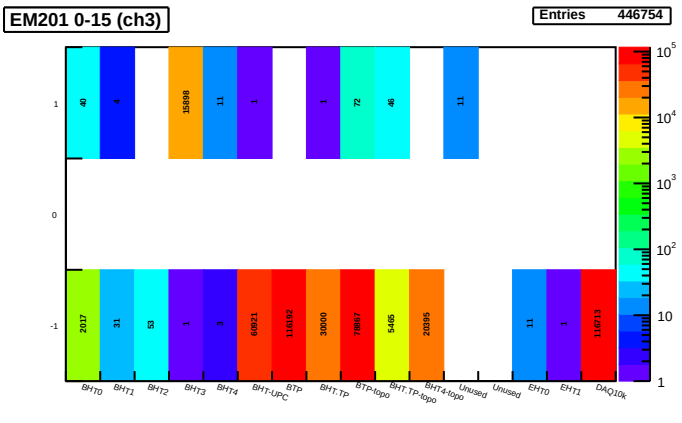

VT201 0-15 (ch1)
Entries 1867408
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

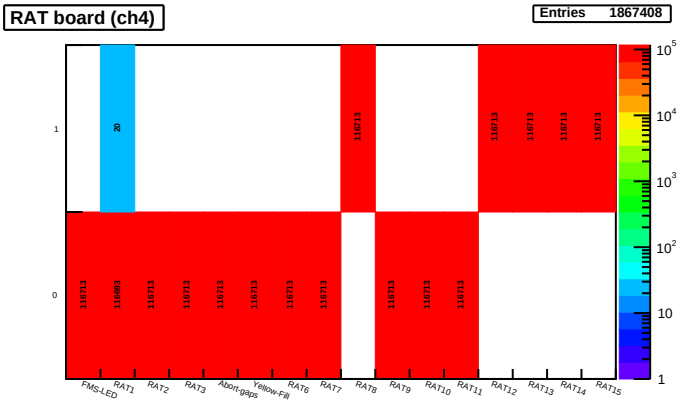

VT201 0-15 (ch1)
Entries 673378
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

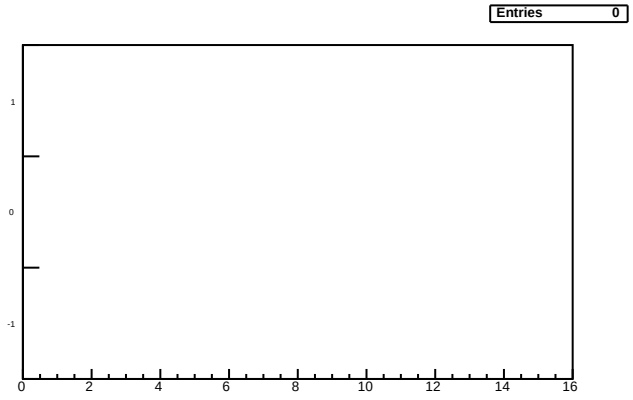

Unused (ch2)
Entries 1867408

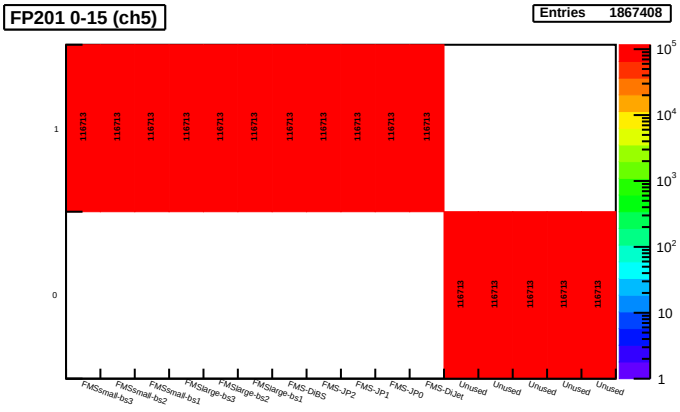

Entries 0

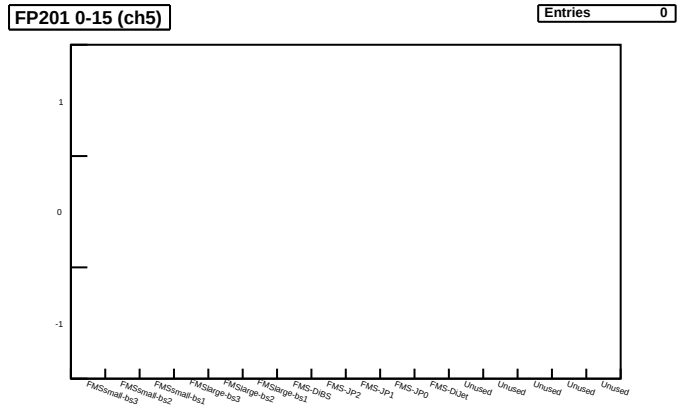

EM201 0-15 (ch3)
Entries 1867408
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

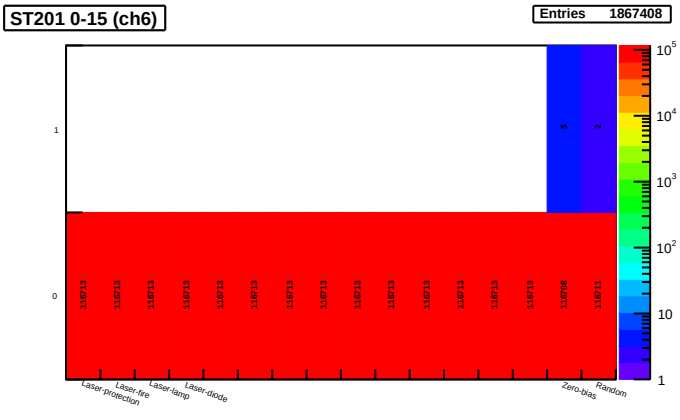

EM201 0-15 (ch3)
Entries 446754
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

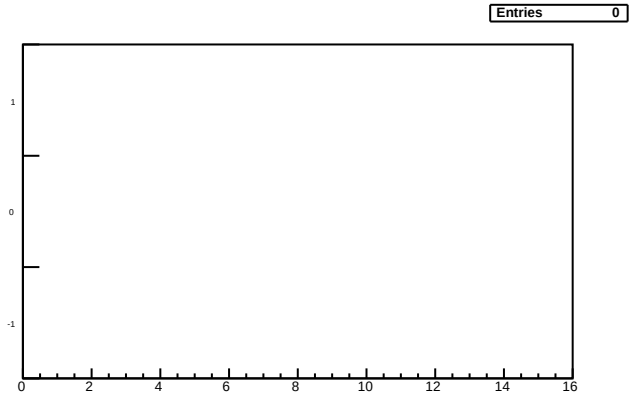

RAT board (ch4)
Entries 1867408
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1867408
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 1867408
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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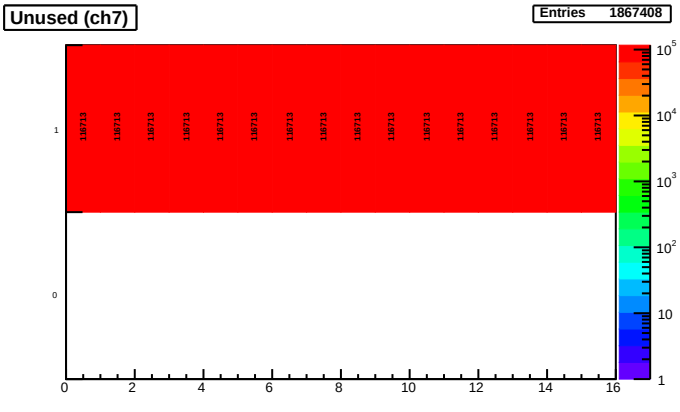
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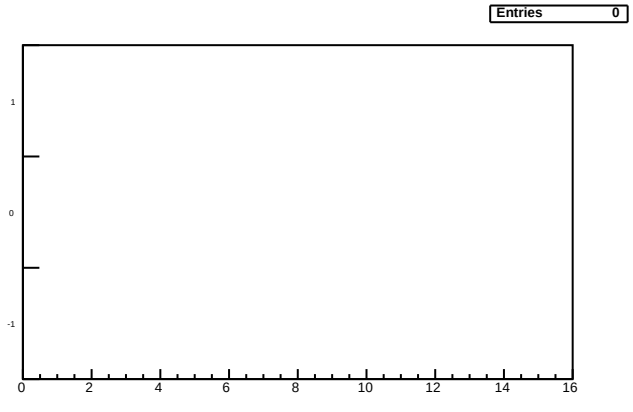
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