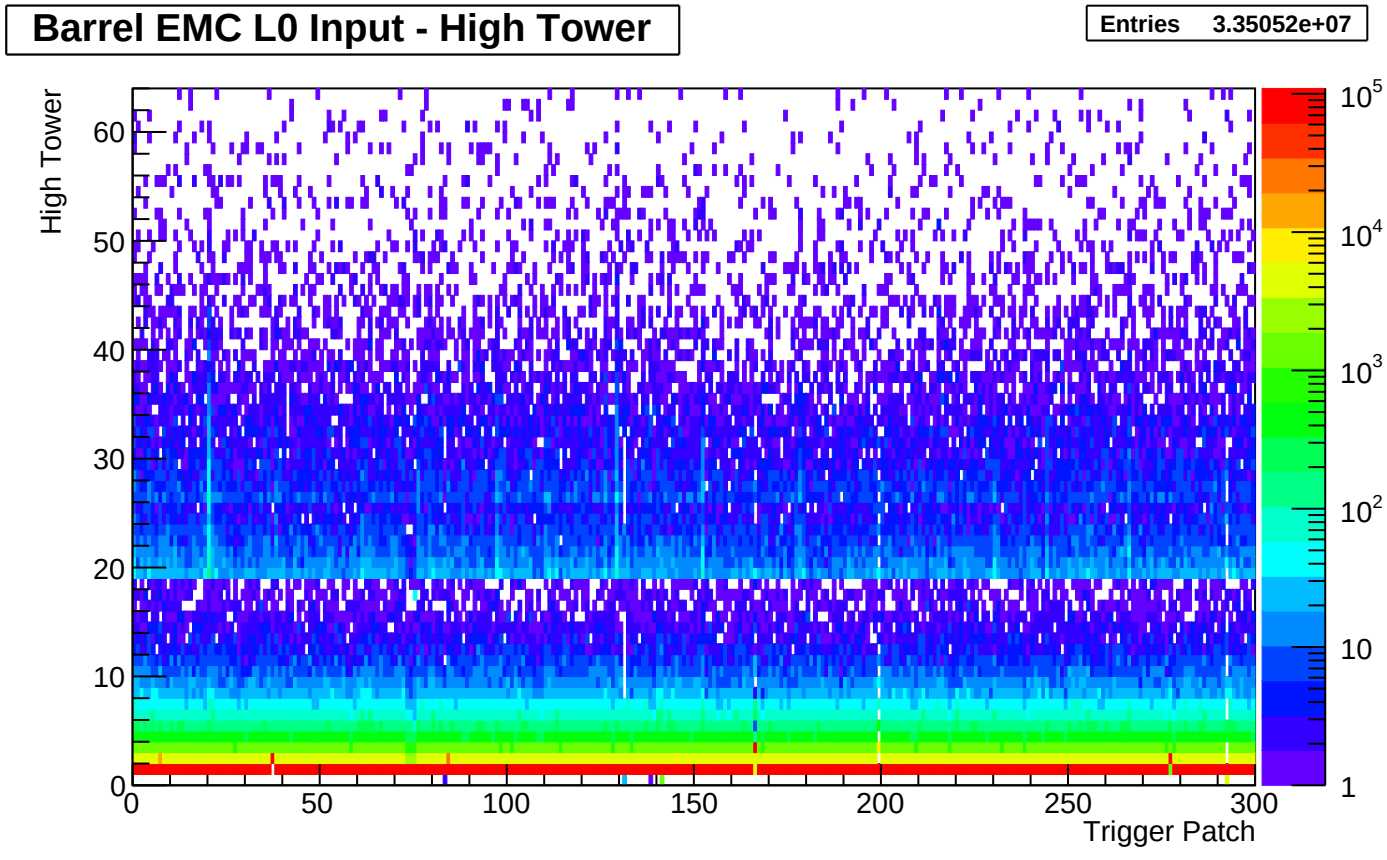
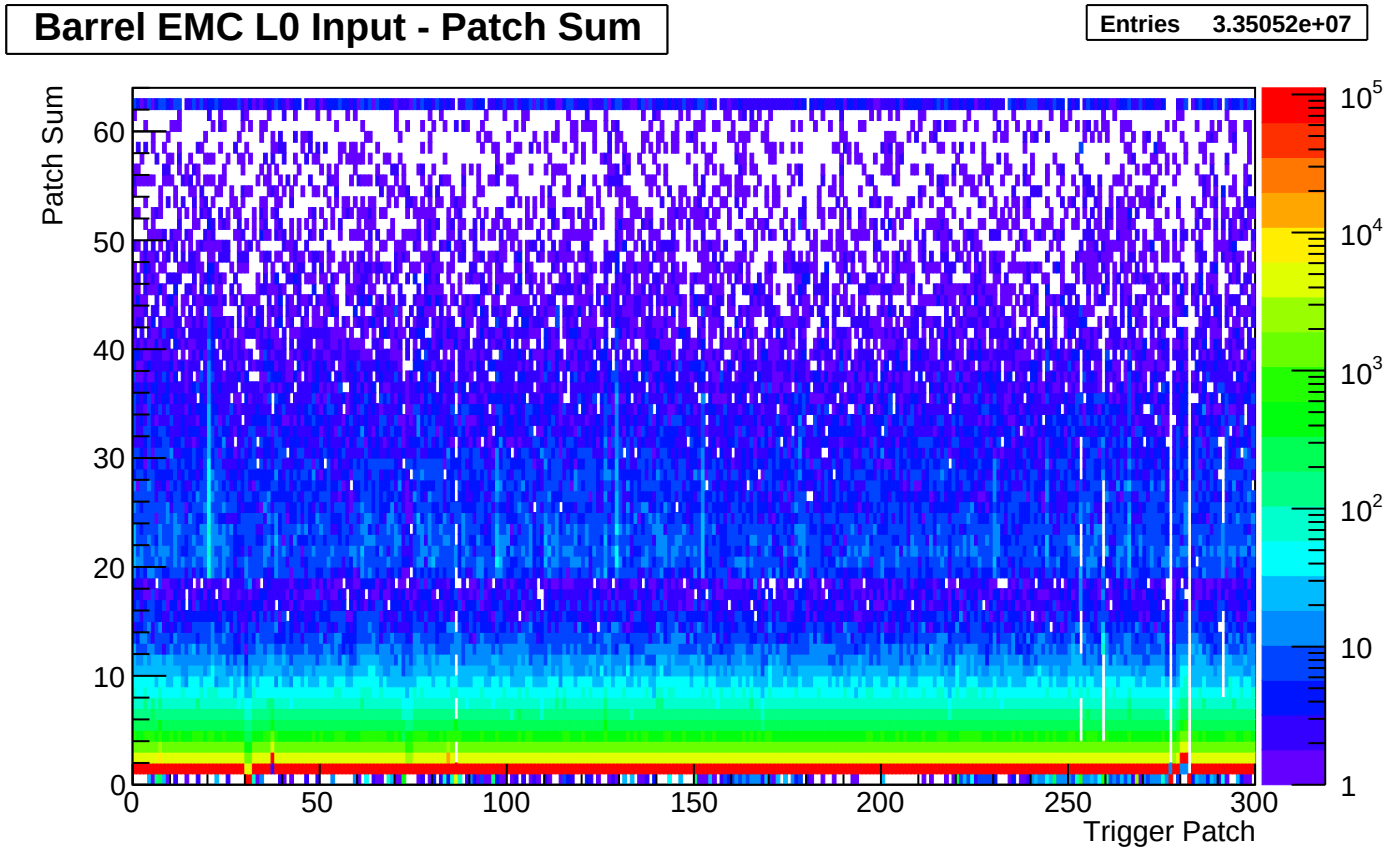
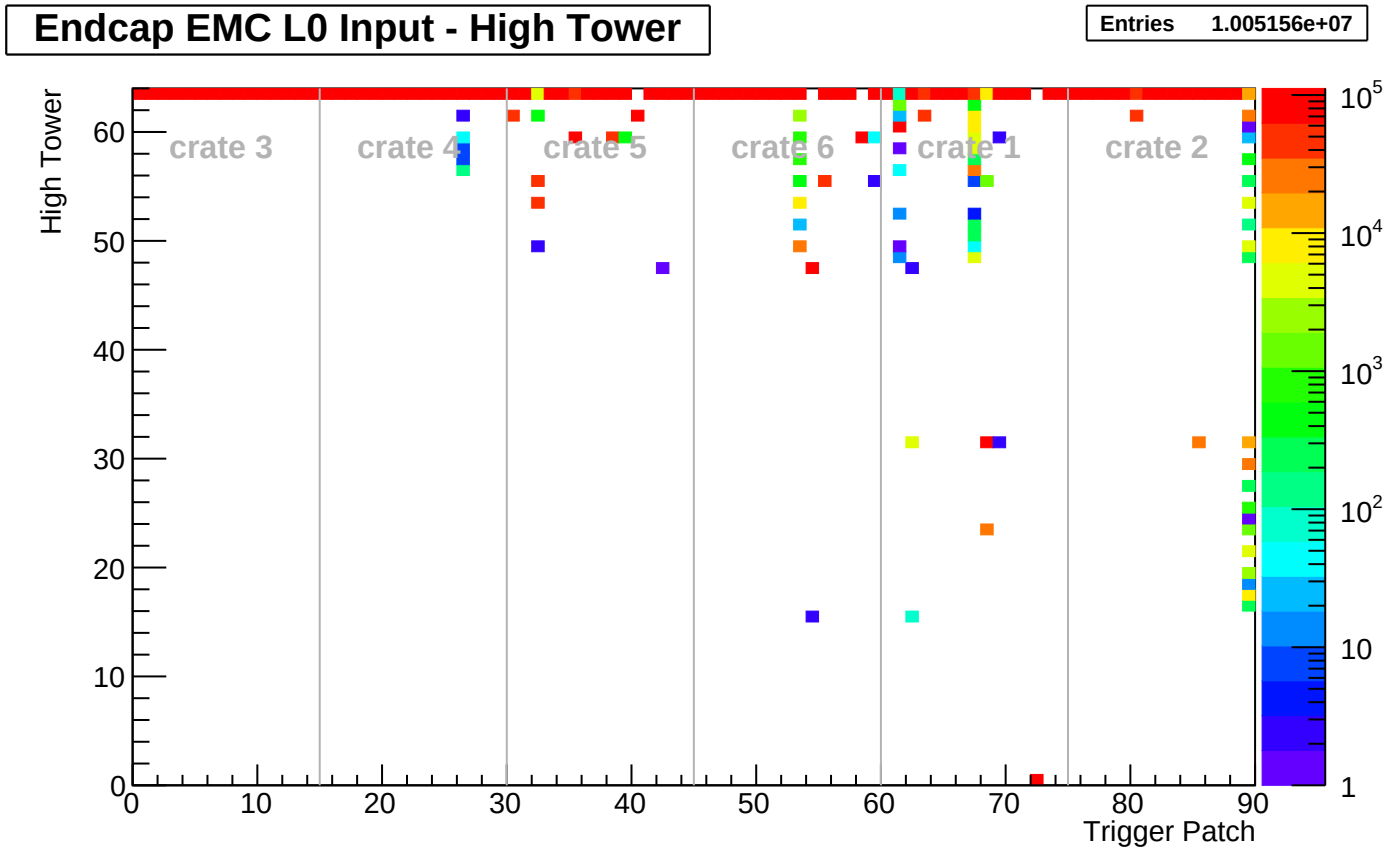
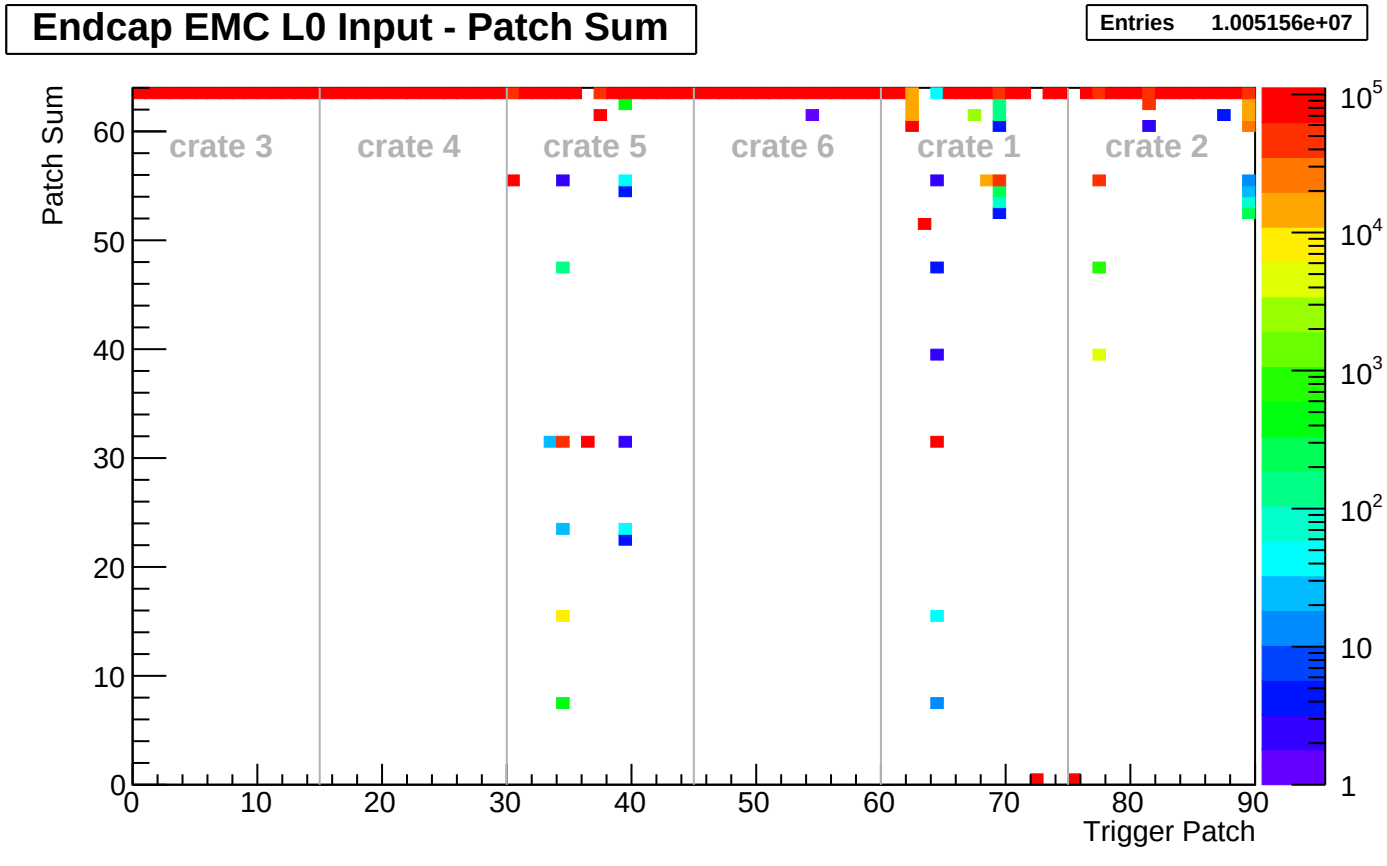
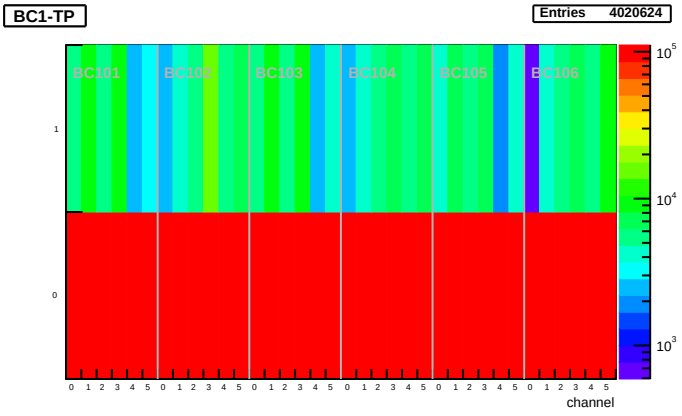
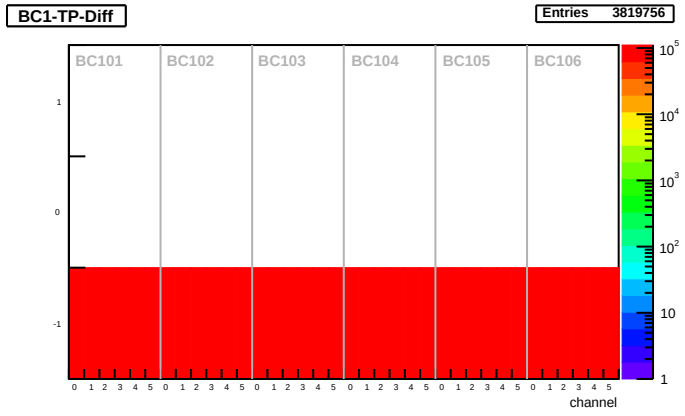

Barrel EMC L0 Input - High Tower
Entries 3.35052e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

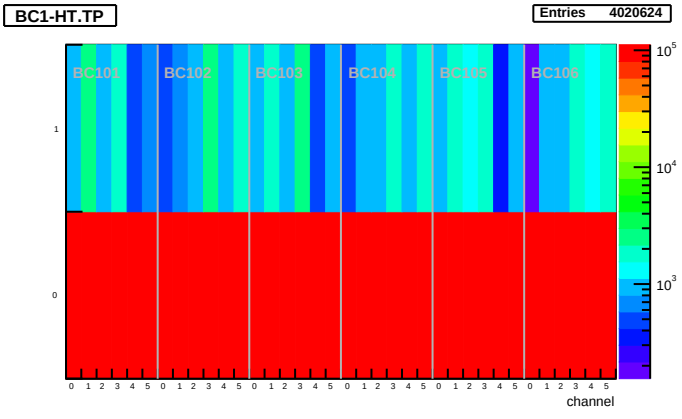

Barrel EMC L0 Input - Patch Sum
Entries 3.35052e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

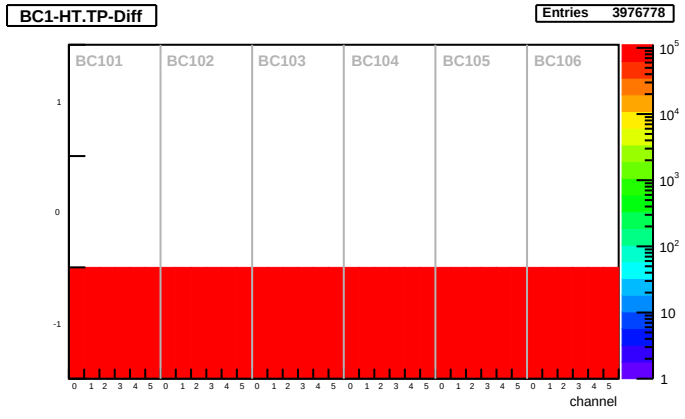

Endcap EMC L0 Input - High Tower
Entries 1.005156e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

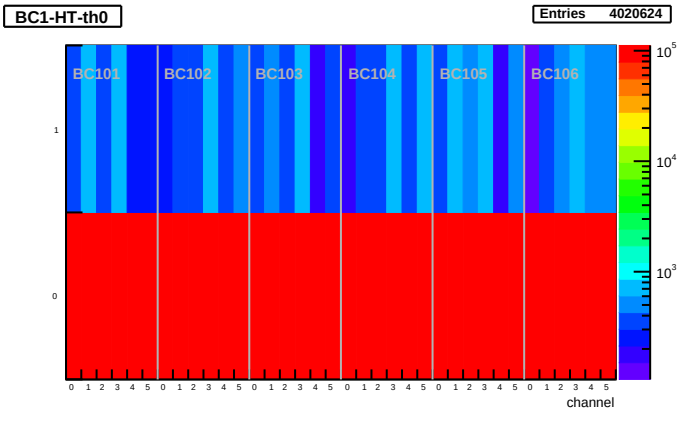

Endcap EMC L0 Input - Patch Sum
Entries 1.005156e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

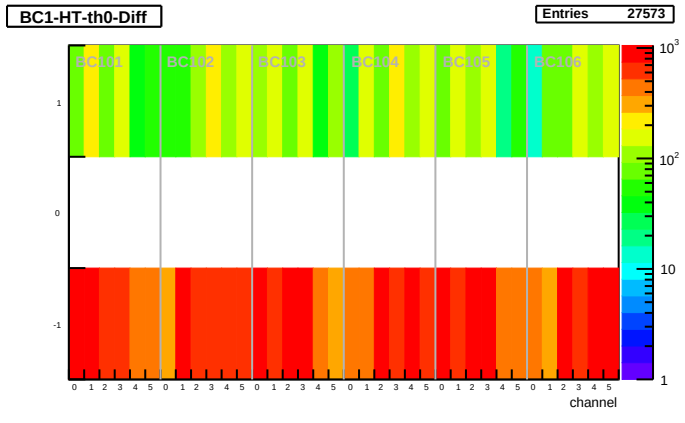

BC1-TP
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

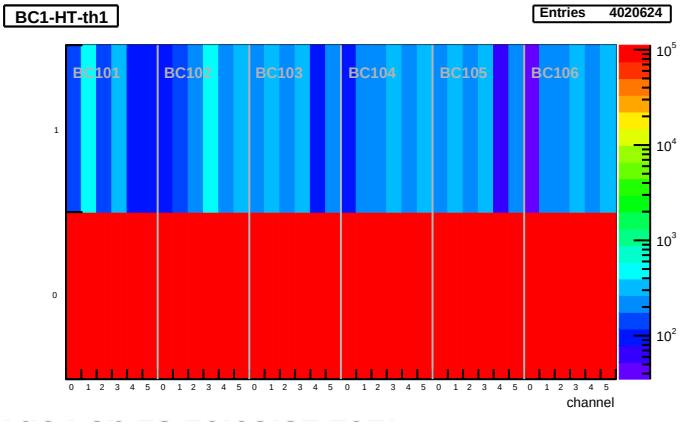

BC1-TP-Diff
Entries 3819756
BC101
BC102
BC103
BC104
BC105
BC106
channel

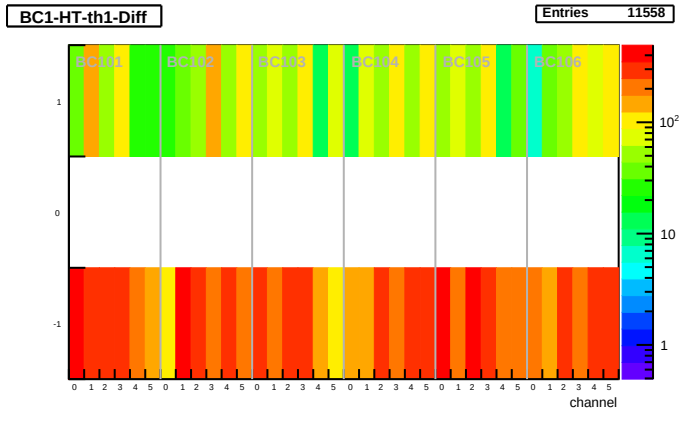

BC1-HT.TP
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

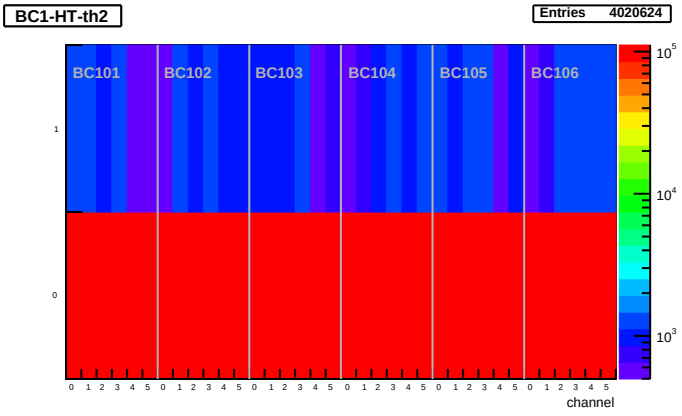

BC1-HT.TP-Diff
Entries 3976778
BC101
BC102
BC103
BC104
BC105
BC106
channel

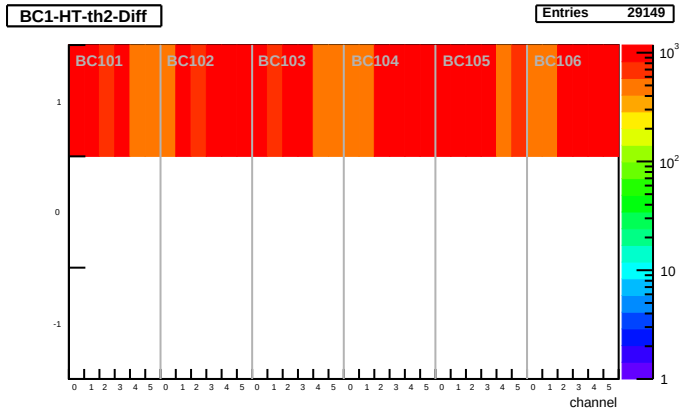

BC1-HT-th0
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

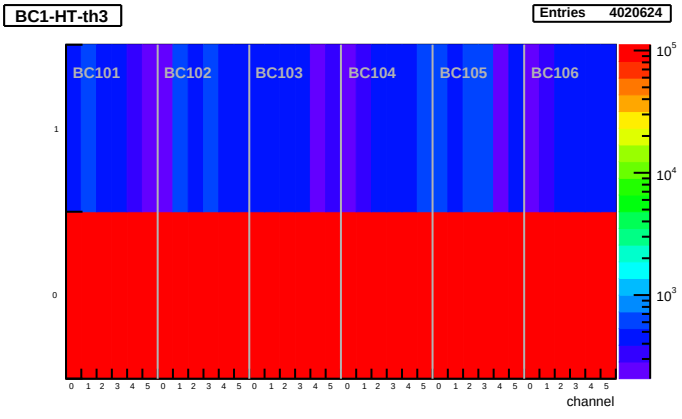

BC1-HT-th0-Diff
Entries 27573
BC101
BC102
BC103
BC104
BC105
BC106
channel

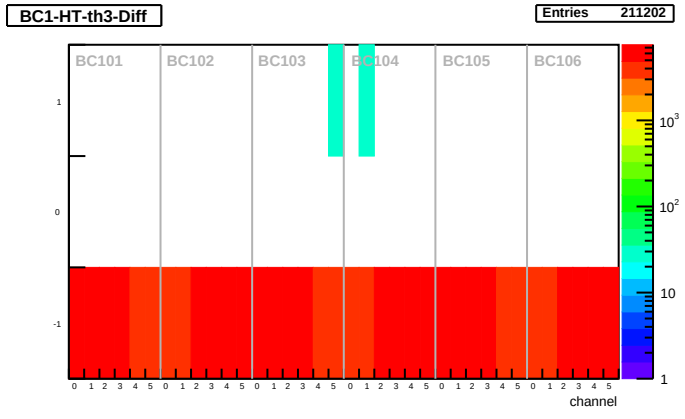

BC1-HT-th1
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

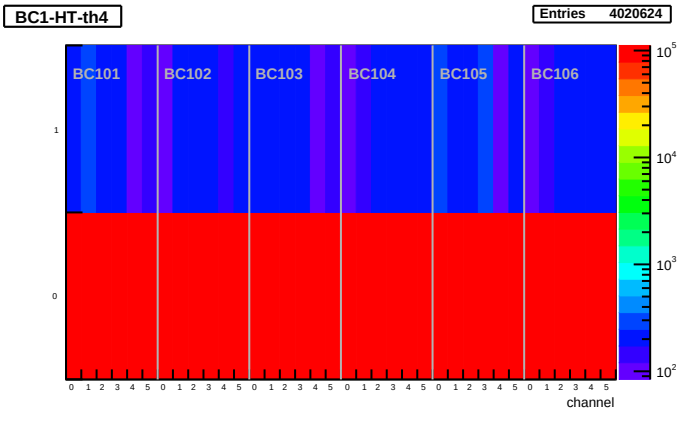

BC1-HT-th1-Diff
Entries 11558
BC101
BC102
BC103
BC104
BC105
BC106
channel

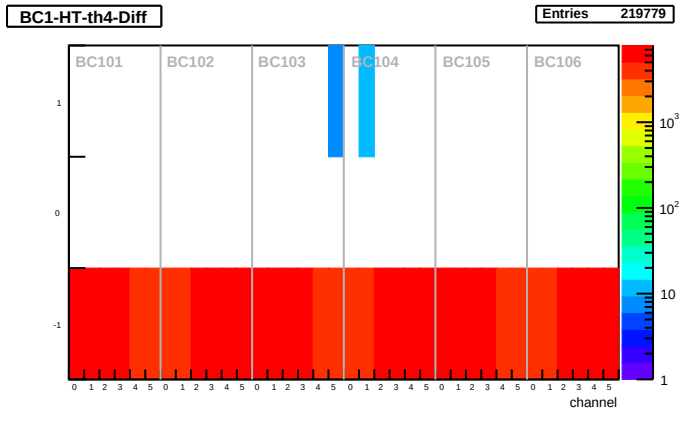

BC1-HT-th2
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

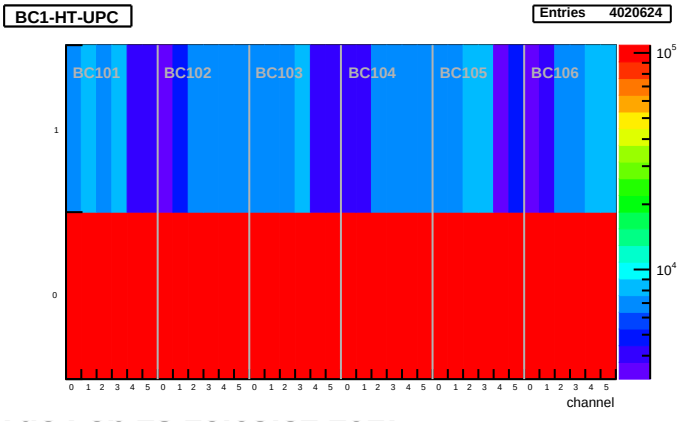

BC1-HT-th2-Diff
Entries 29149
BC101
BC102
BC103
BC104
BC105
BC106
channel

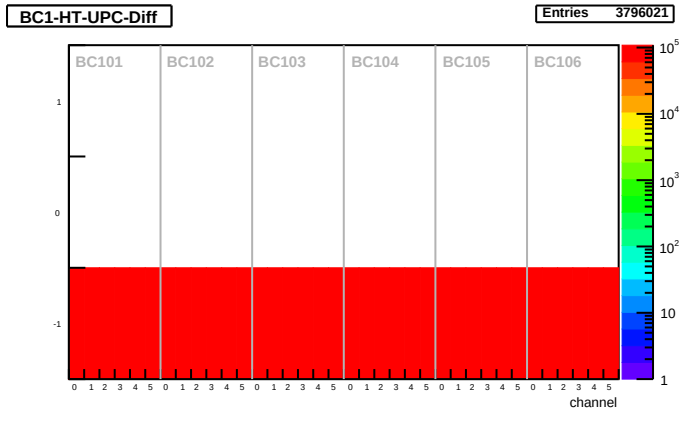

BC1-HT-th3
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

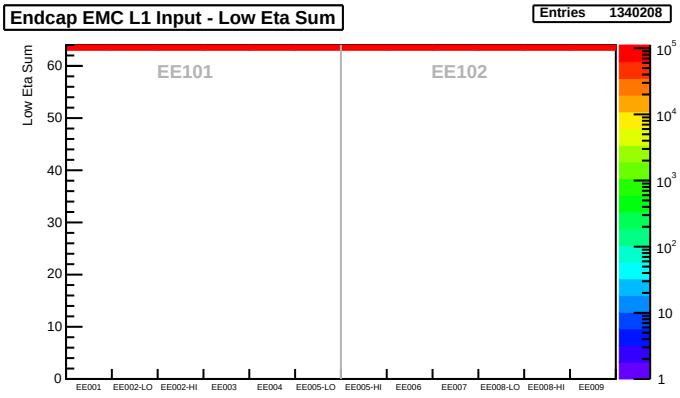

BC1-HT-th3-Diff
Entries 211202
BC101
BC102
BC103
BC104
BC105
BC106
channel

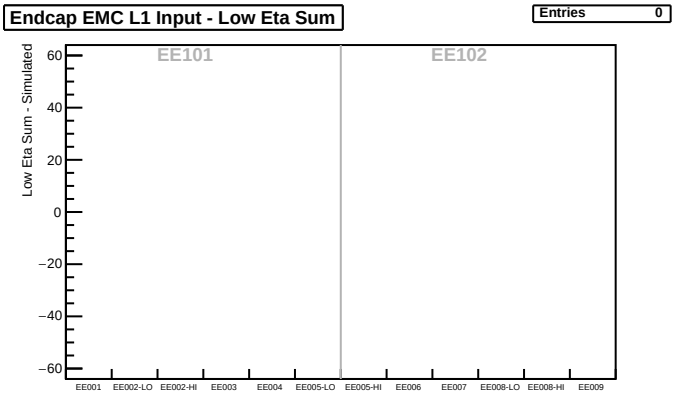

BC1-HT-th4
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

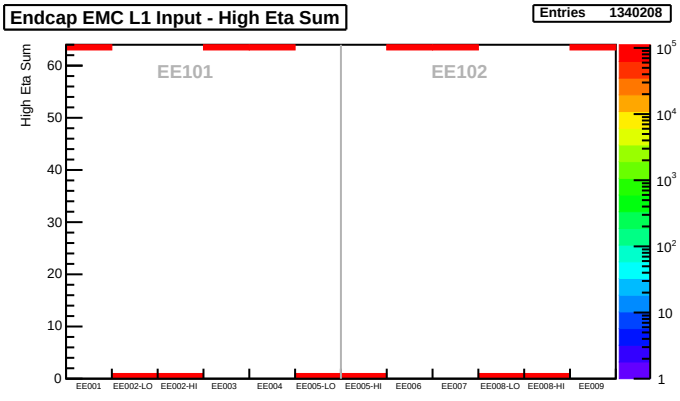

BC1-HT-th4-Diff
Entries 219779
BC101
BC102
BC103
BC104
BC105
BC106
channel

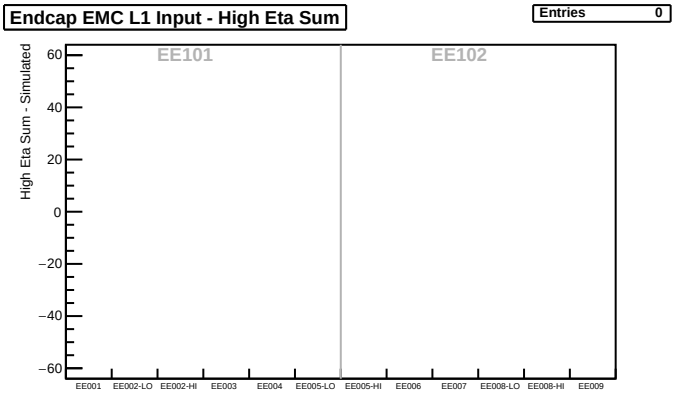

BC1-HT-UPC
Entries 4020624
BC101
BC102
BC103
BC104
BC105
BC106
channel

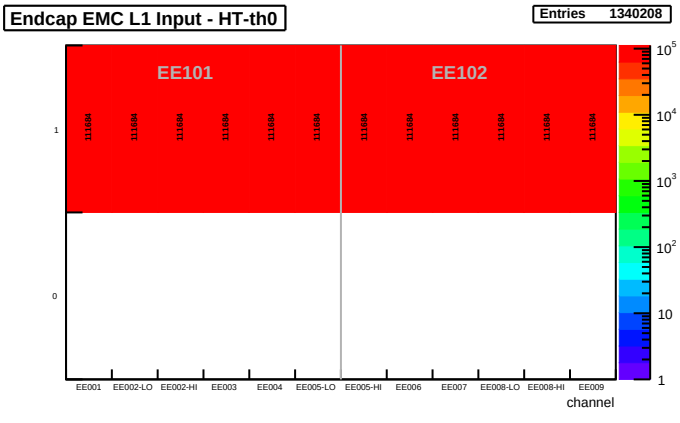

BC1-HT-UPC-Diff
Entries 3796021
BC101
BC102
BC103
BC104
BC105
BC106
channel

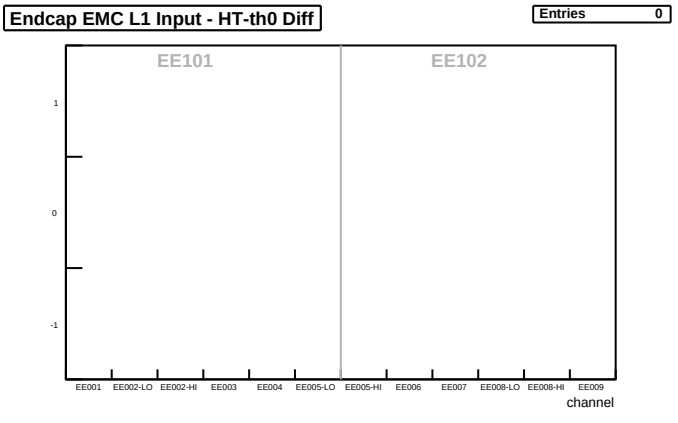

Endcap EMC L1 Input - Low Eta Sum
Entries 1340208
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

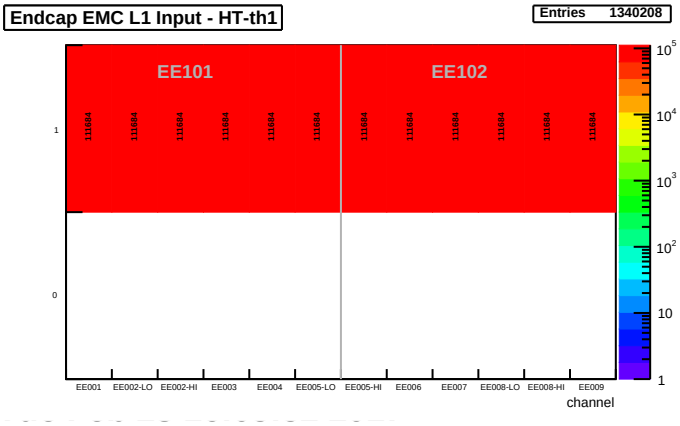

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

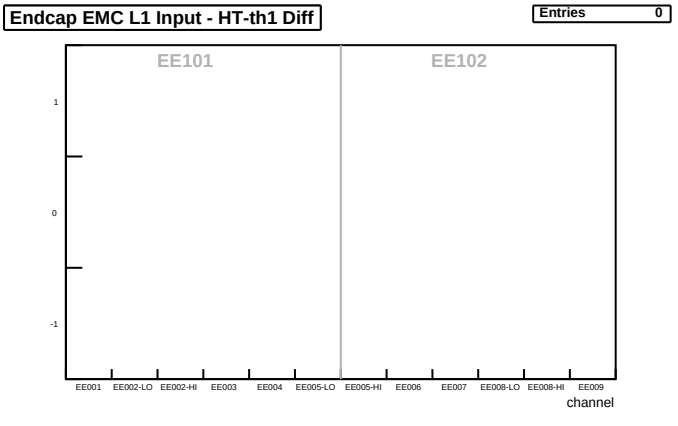

Endcap EMC L1 Input - High Eta Sum
Entries 1340208
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

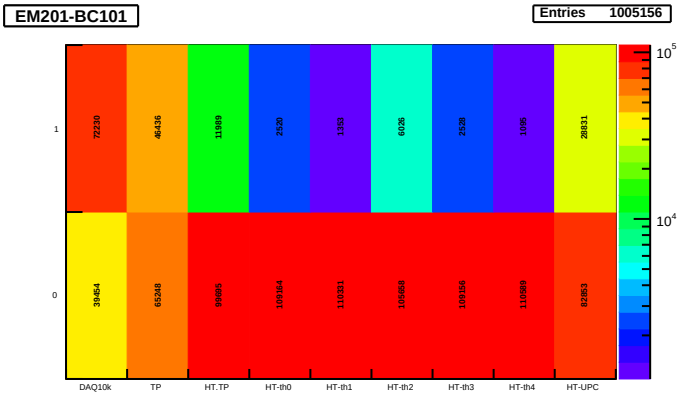

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

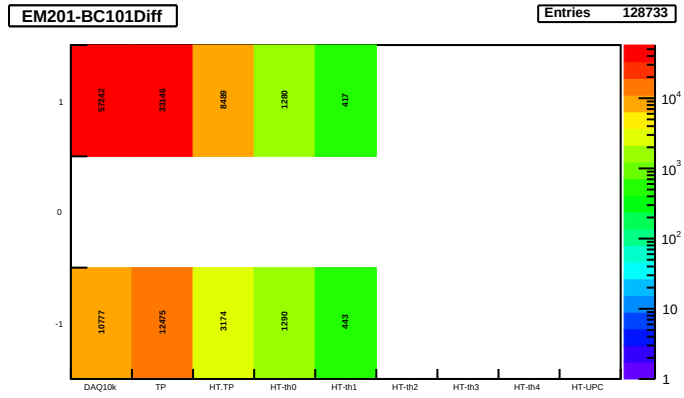

Endcap EMC L1 Input - HT-th0
Entries 1340208
EE101
EE102
111684
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

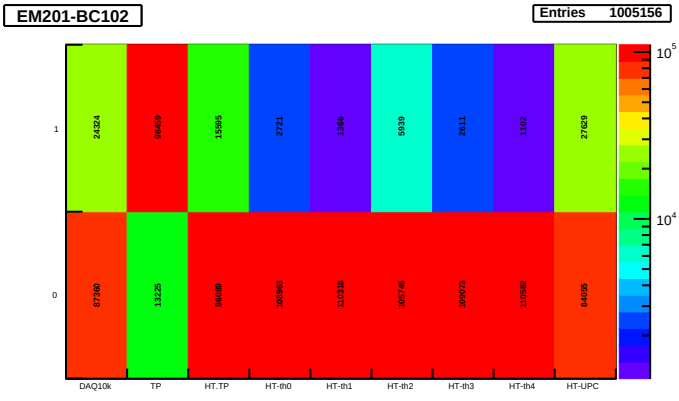

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

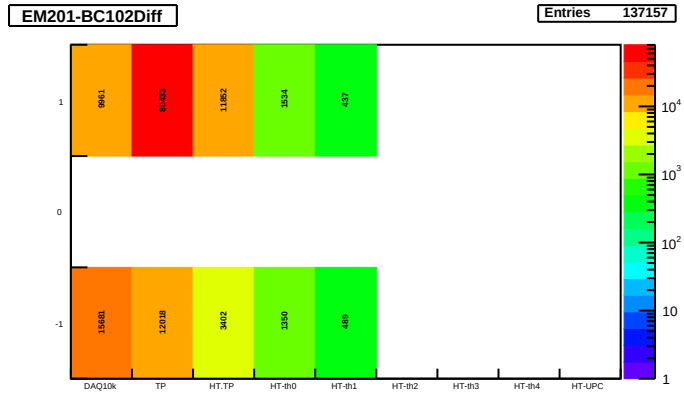

Endcap EMC L1 Input - HT-th1
Entries 1340208
EE101
EE102
111684
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

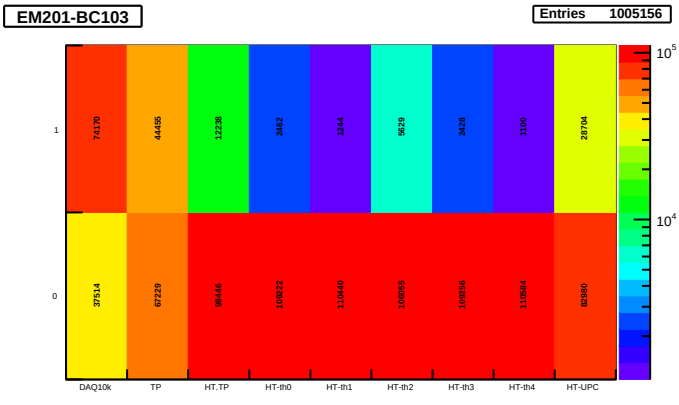

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

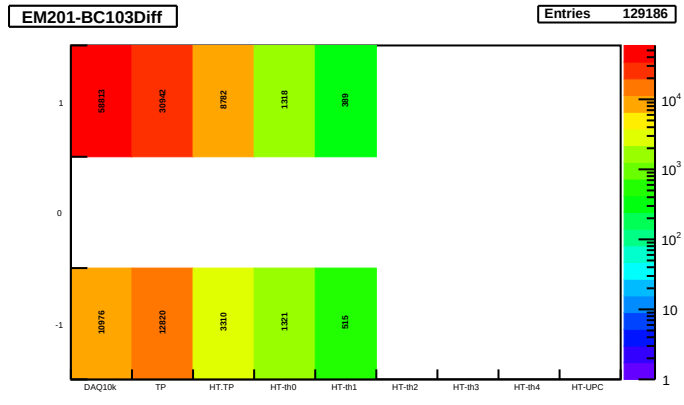

EM201-BC101
Entries 1005156
1
0
72230
46436
11989
2520
1333
6026
2528
1095
28831
39464
65248
99905
109164
110331
105658
109156
110989
82853
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

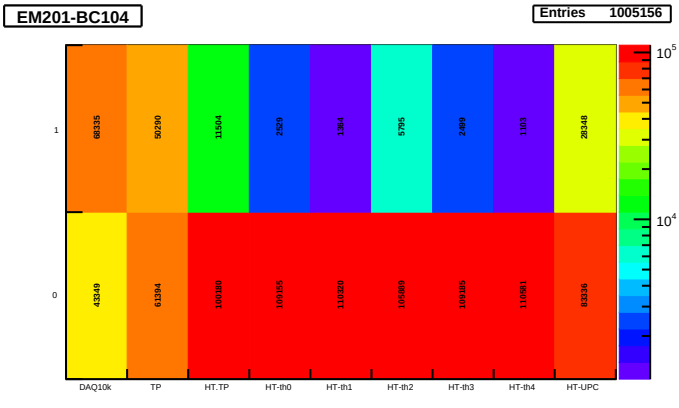

EM201-BC101Diff
Entries 128733
1
0
-1
57242
33146
8489
1280
417
10777
12475
3174
1290
443
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

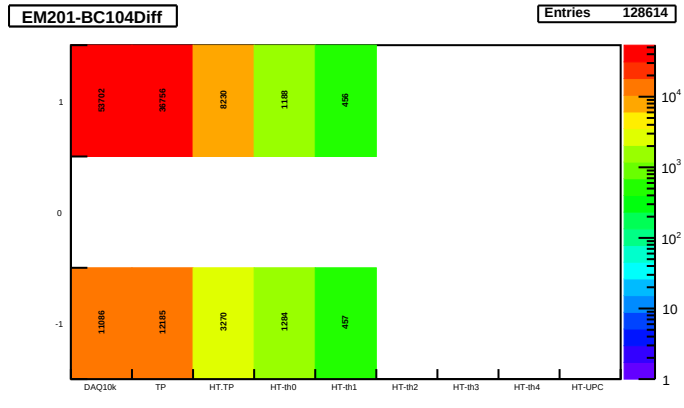

EM201-BC102
Entries 1005156
1
0
24324
99459
15995
2721
1366
5939
2611
1102
27629
87360
13225
96089
108963
110318
105745
109073
110582
84095
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 137157
1
0
-1
9961
80433
11862
1534
437
15681
12018
3402
1350
489
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

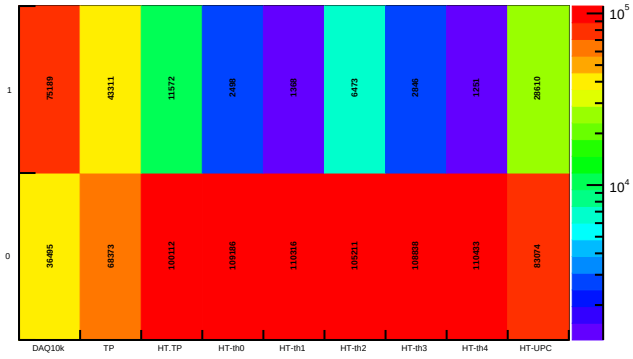

EM201-BC103
Entries 1005156
1
0
74170
44455
12238
2462
1244
5629
2428
1100
28704
37514
67239
99446
108222
110440
108055
108256
110884
82880
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 129186
1
0
-1
58513
30942
8782
1318
389
10976
12820
3310
1321
515
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

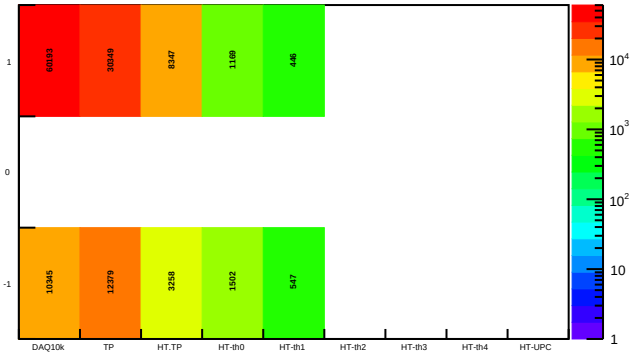

EM201-BC104
Entries 1005156
1
0
68335
50290
11504
2529
1364
5795
2489
1103
28348
43349
61394
100180
109155
110320
106889
109385
110931
82336
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 128614
1
0
-1
53702
36756
8230
1188
456
11086
12185
2270
1284
457
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

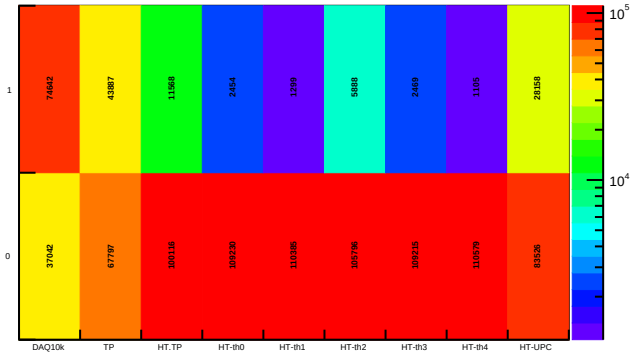
EM201-BC105 Entries 1005156



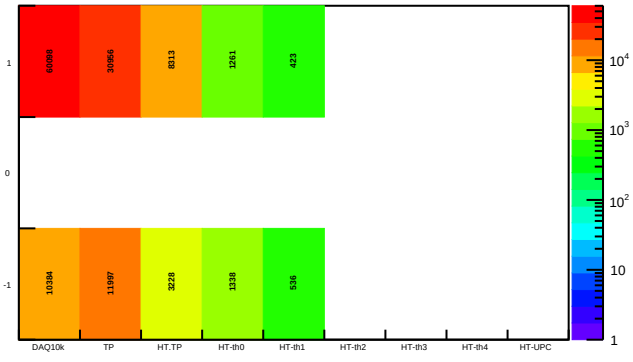
EM201-BC105Diff Entries 128535



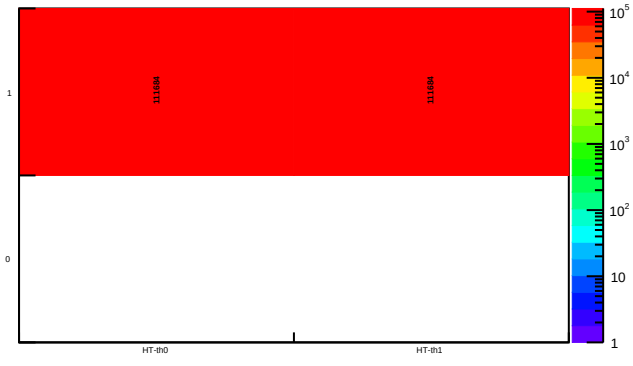
EM201-BC106 Entries 1005156



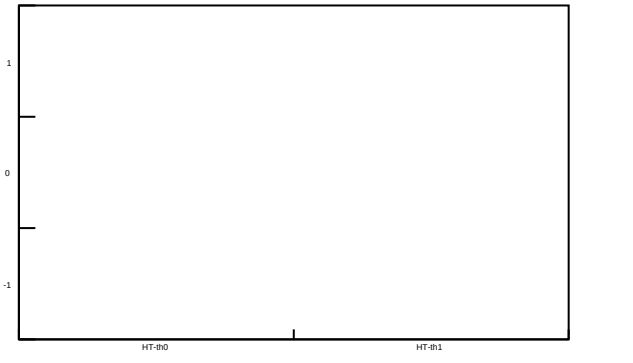
EM201-BC106Diff Entries 128534



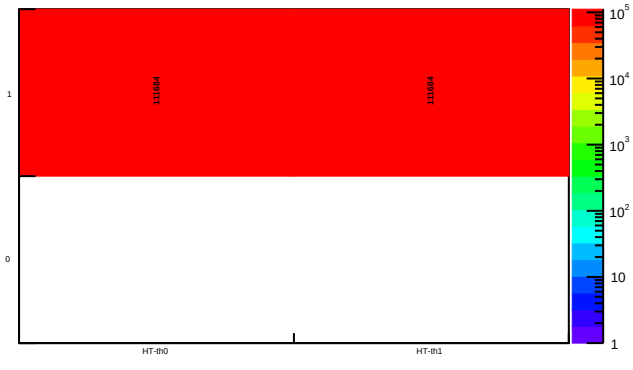
EM201-EE101 Entries 223368



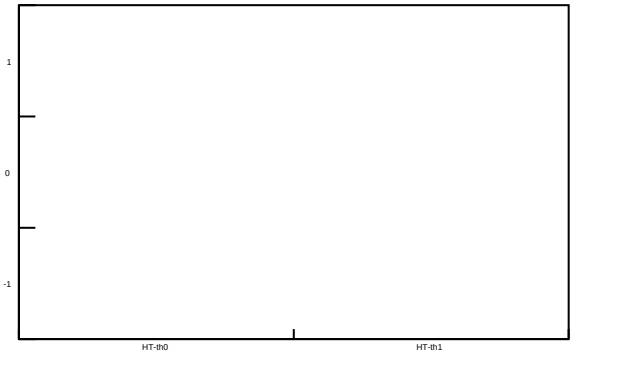
EM201-EE101Diff Entries 0

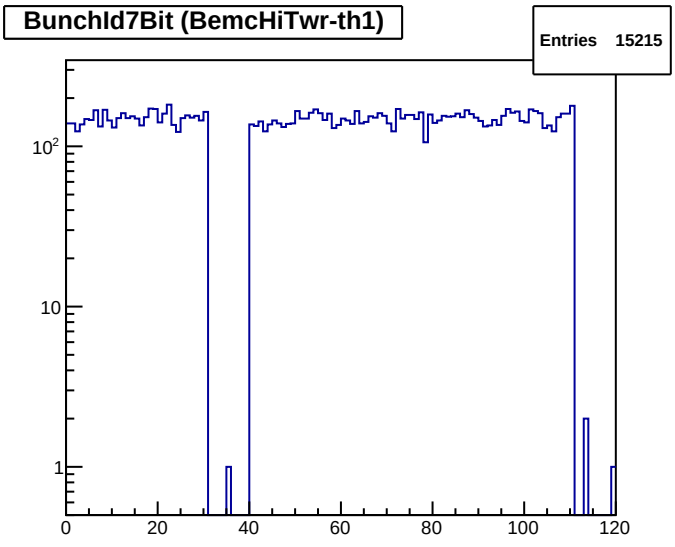


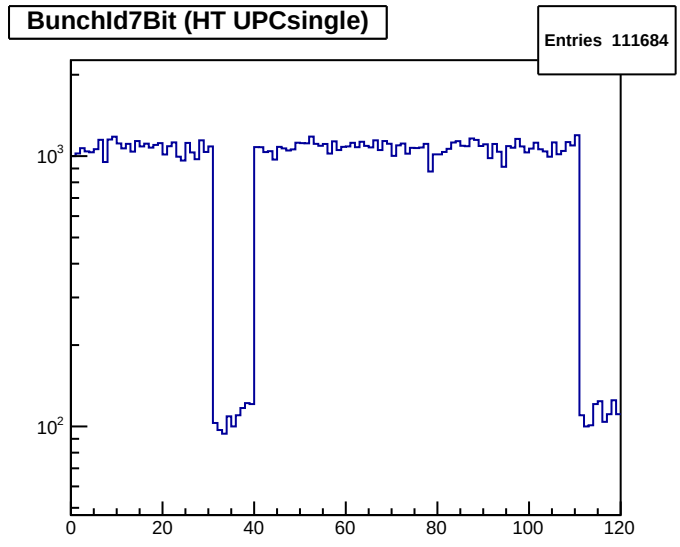
EM201-EE102 Entries 223368

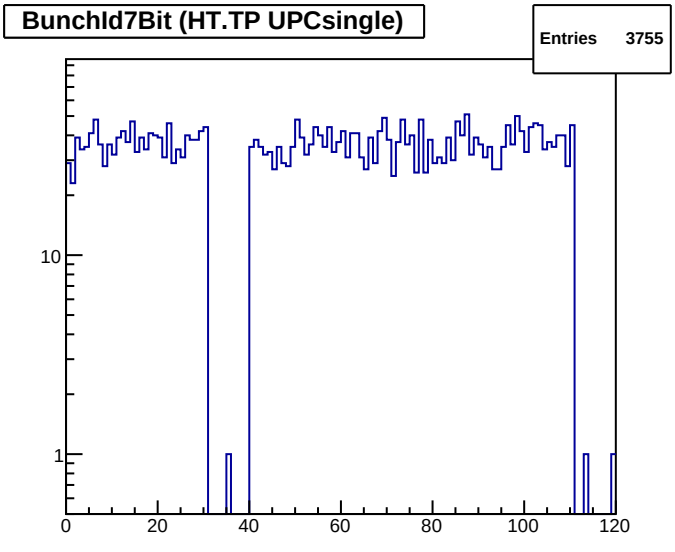


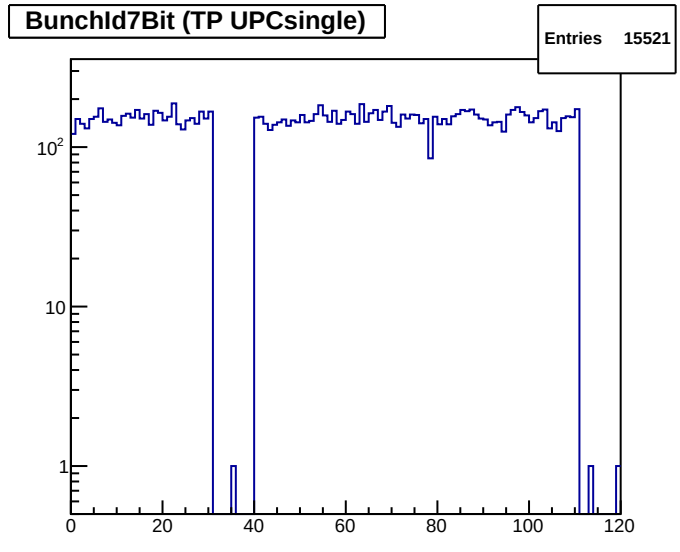
EM201-EE102Diff Entries 0

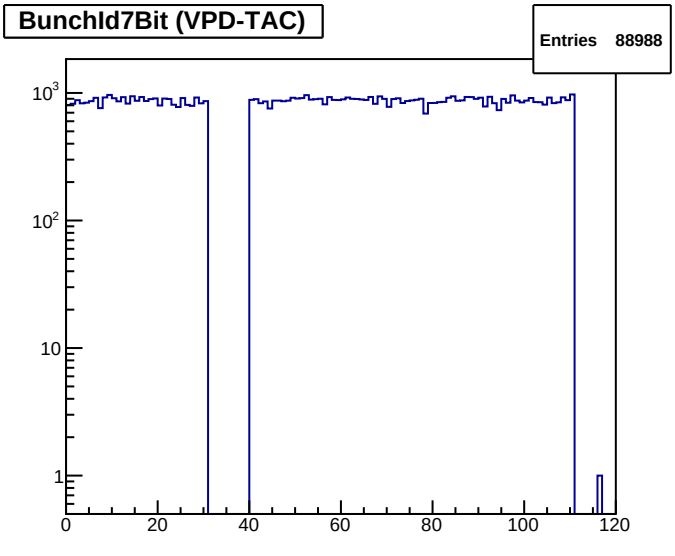


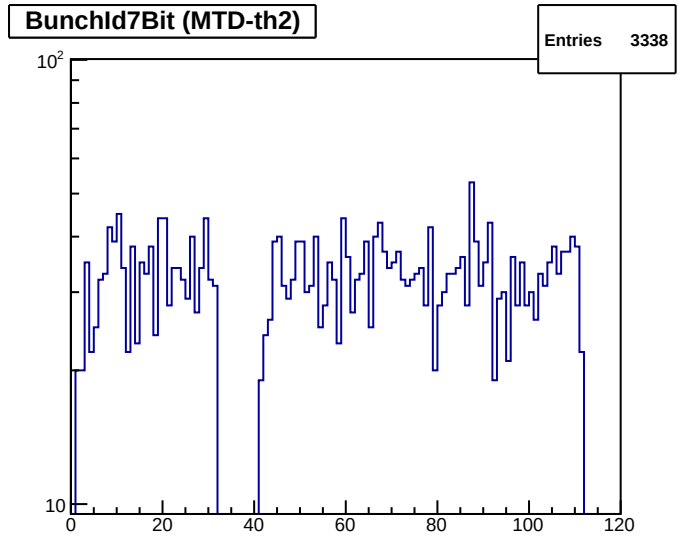

BunchId7Bit (BemcHiTwr-th1)
Entries 15215
10^2
10
1
0
20
40
60
80
100
120

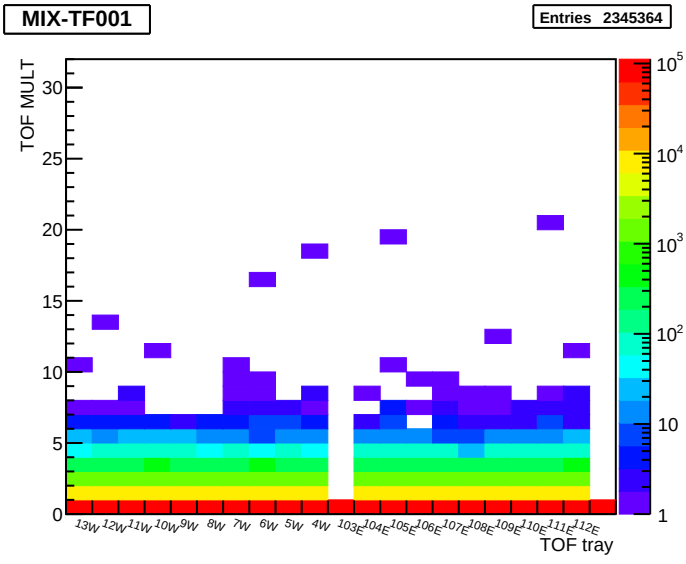

BunchId7Bit (HT UPCsingle)
Entries 111684
10^3
10^2
0
20
40
60
80
100
120

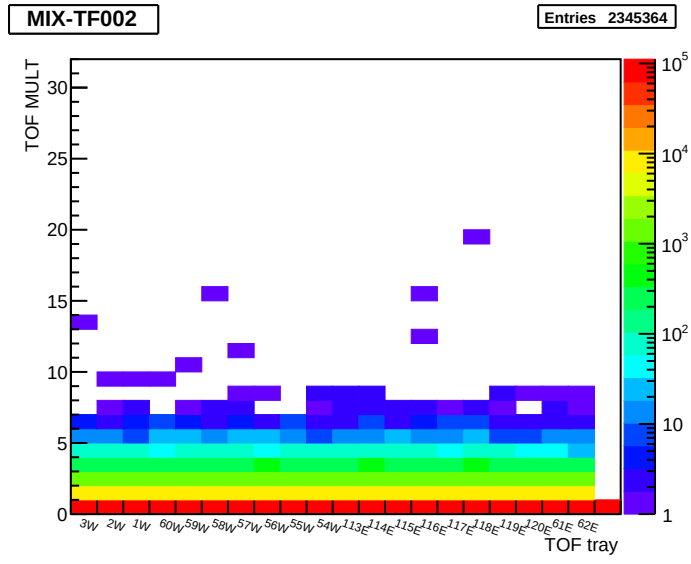

BunchId7Bit (HT.TP UPCsingle)
Entries 3755
10
1
0
20
40
60
80
100
120

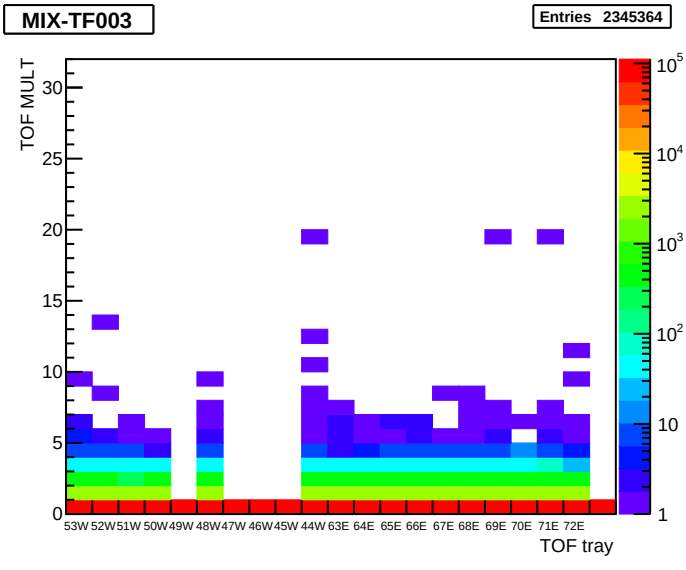

BunchId7Bit (TP UPCsingle)
Entries 15521
10^2
10
1
0
20
40
60
80
100
120

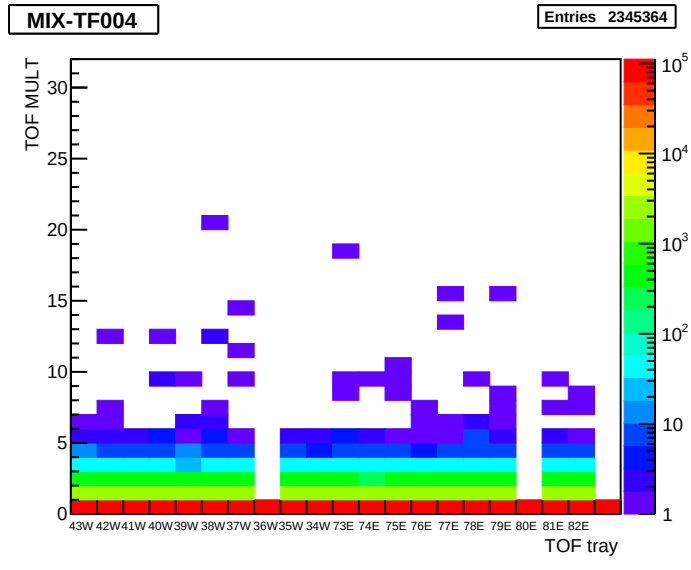

BunchId7Bit (VPD-TAC)
Entries 88988
10^3
10^2
10
1
0
20
40
60
80
100
120

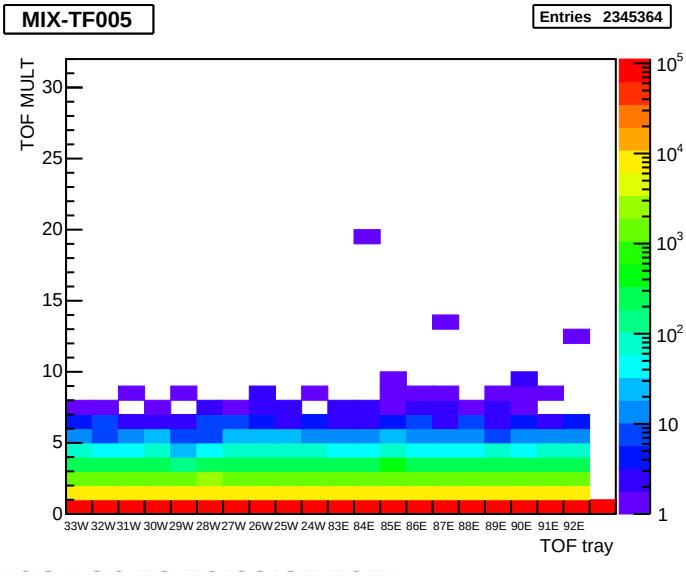

BunchId7Bit (MTD-th2)
Entries 3338
10^2
10
0
20
40
60
80
100
120

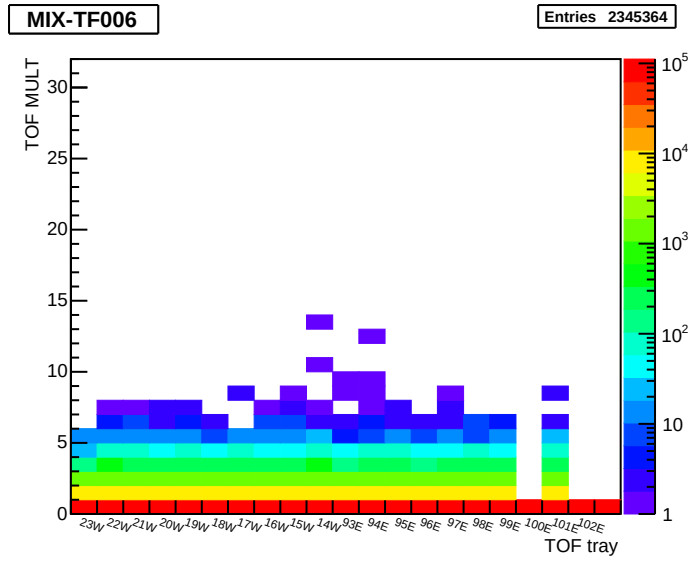

MIX-TF001
Entries 2345364
TOF MULT
TOF tray

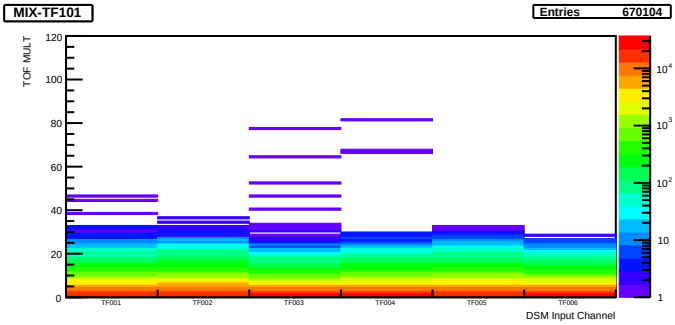

MIX-TF002
Entries 2345364
TOF MULT
TOF tray

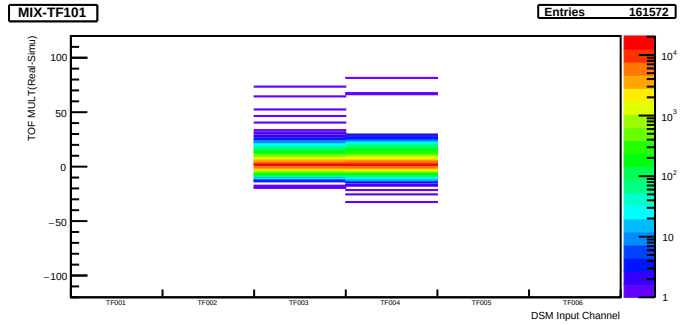

MIX-TF003
Entries 2345364
TOF MULT
TOF tray

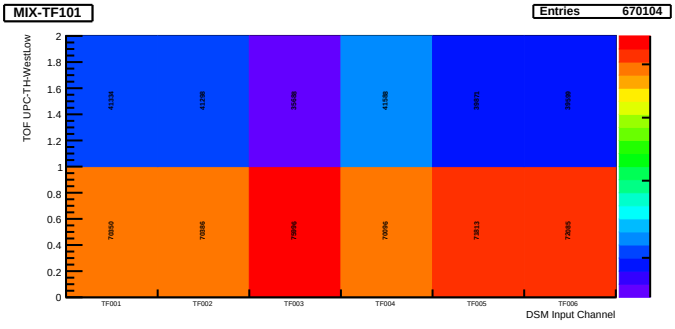

MIX-TF004
Entries 2345364
TOF MULT
TOF tray

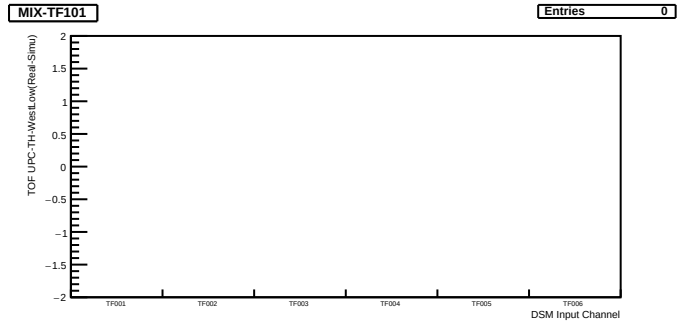

MIX-TF005
Entries 2345364
TOF MULT
TOF tray

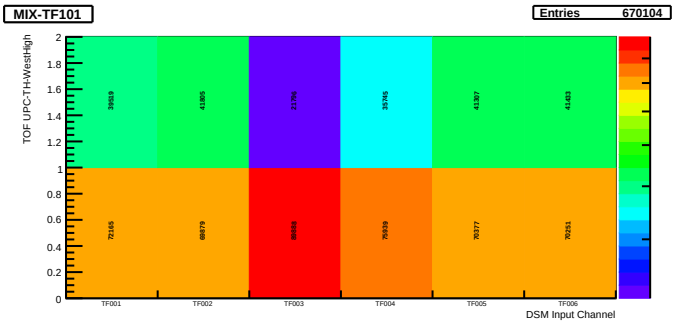

MIX-TF006
Entries 2345364
TOF MULT
TOF tray

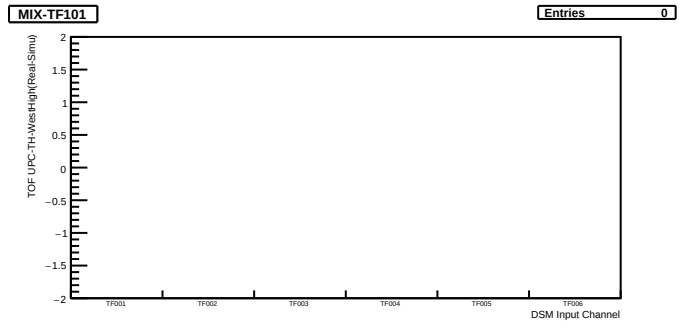

MIX-TF101
Entries 670104
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

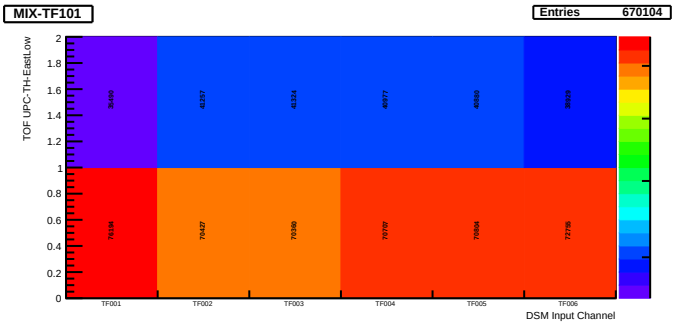

MIX-TF101
Entries 161572
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

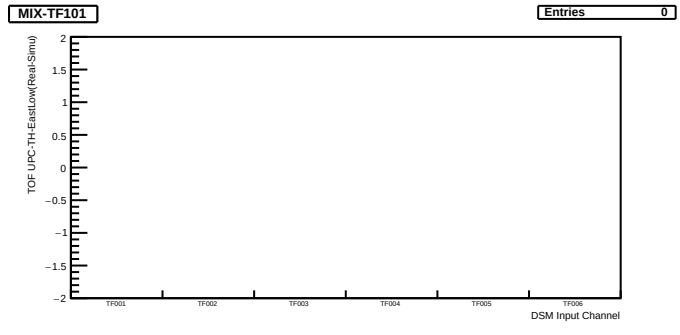

MIX-TF101
Entries 670104
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

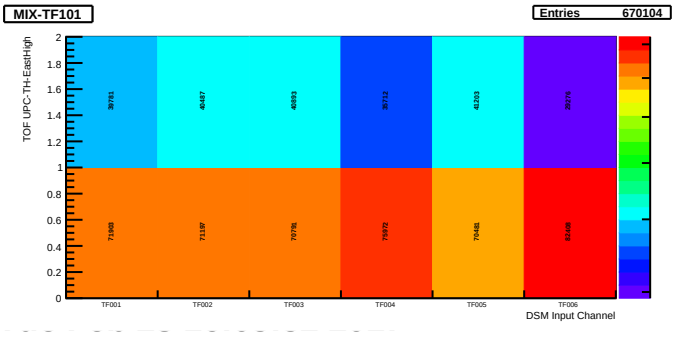

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

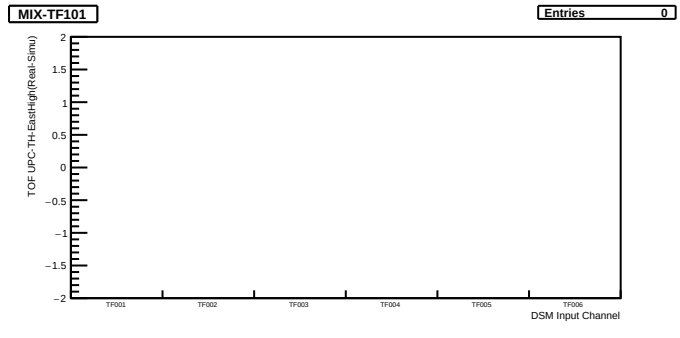

MIX-TF101
Entries 670104
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

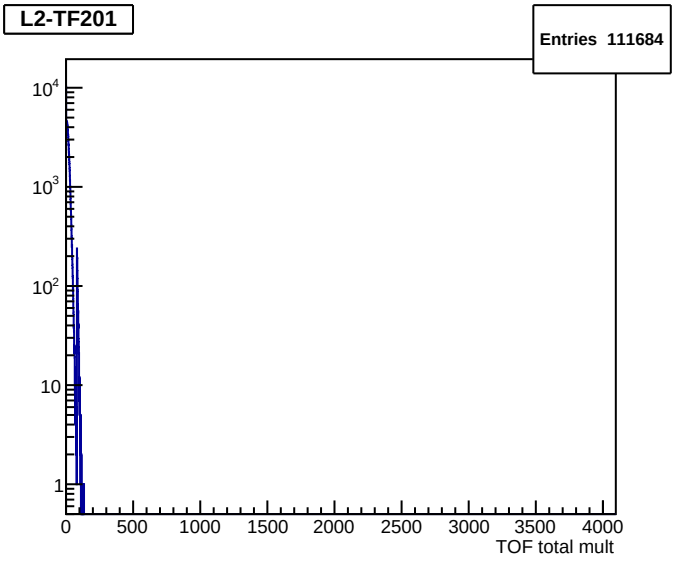

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

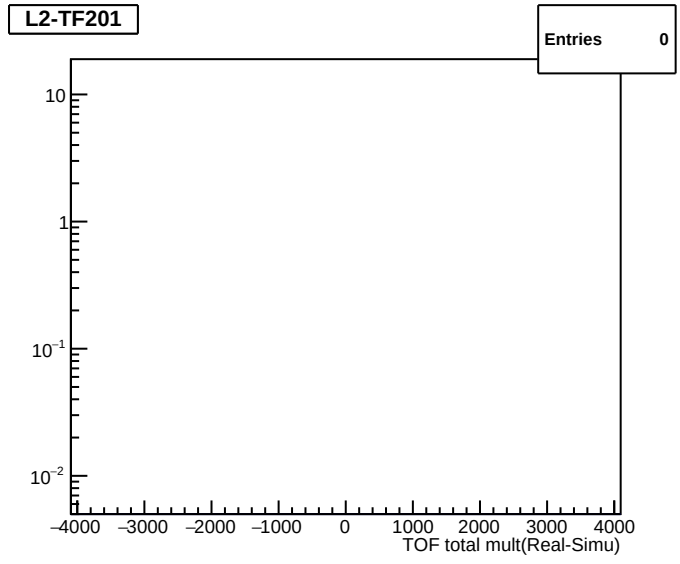

MIX-TF101
Entries 670104
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

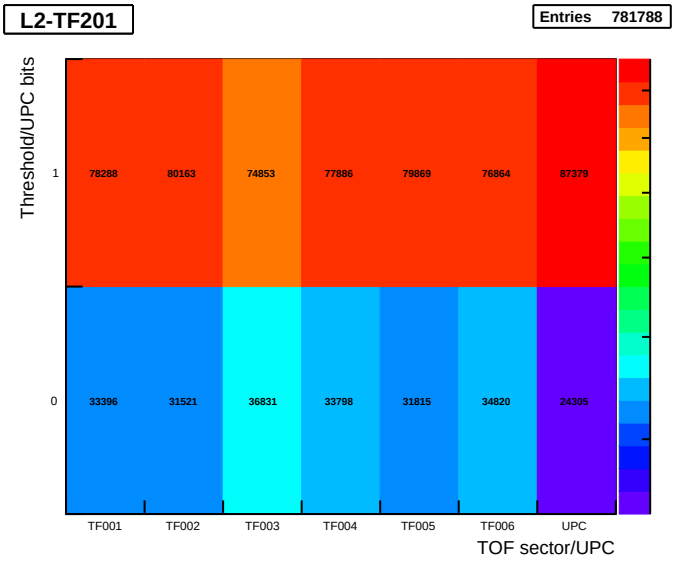

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

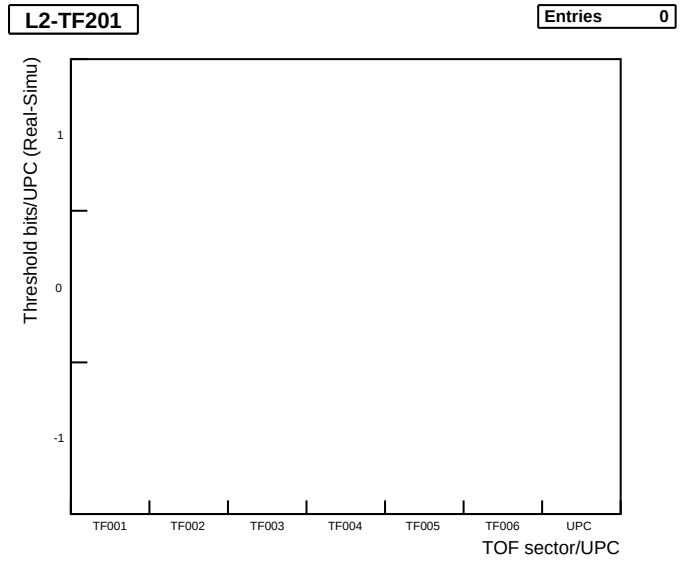

MIX-TF101
Entries 670104
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

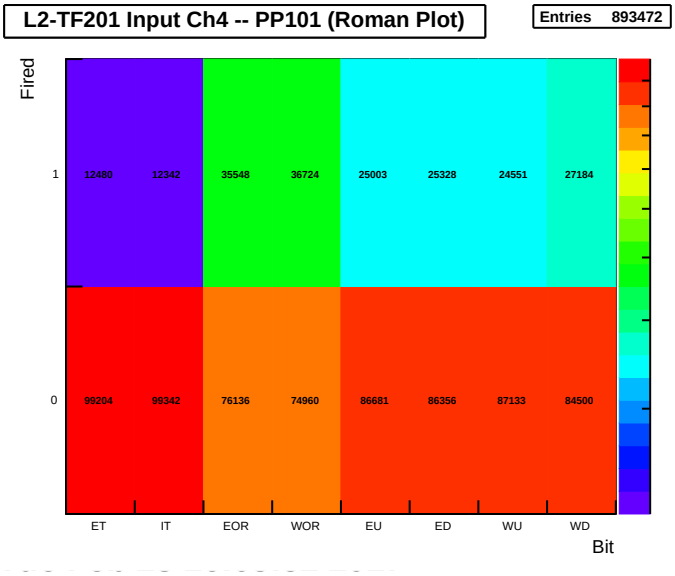

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

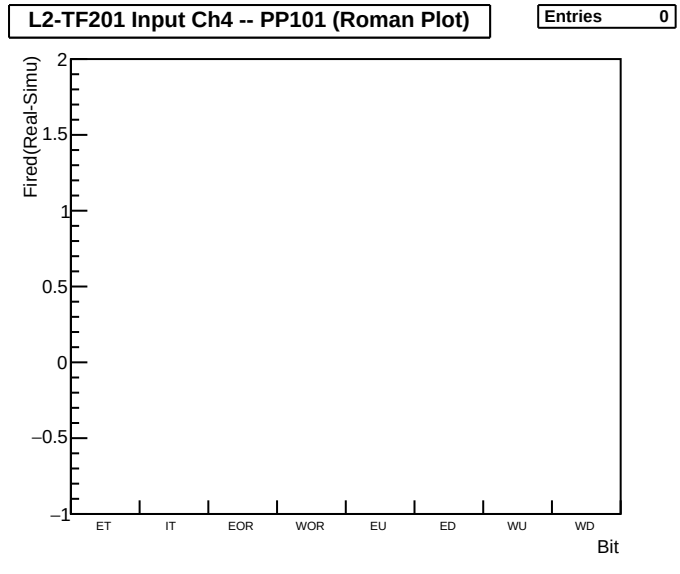

L2-TF201
Entries 111684
TOF total mult

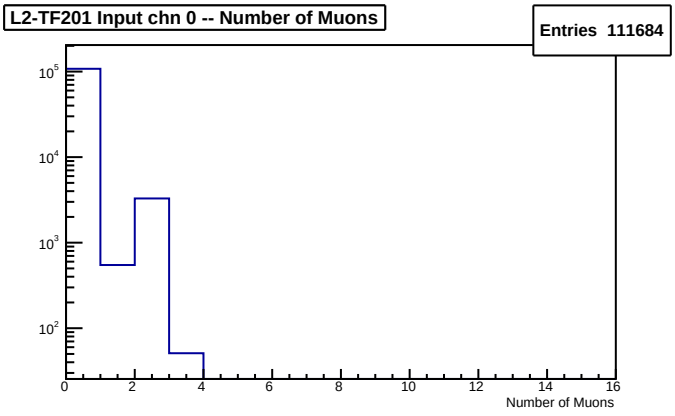

L2-TF201
Entries 0
TOF total mult(Real-Simu)

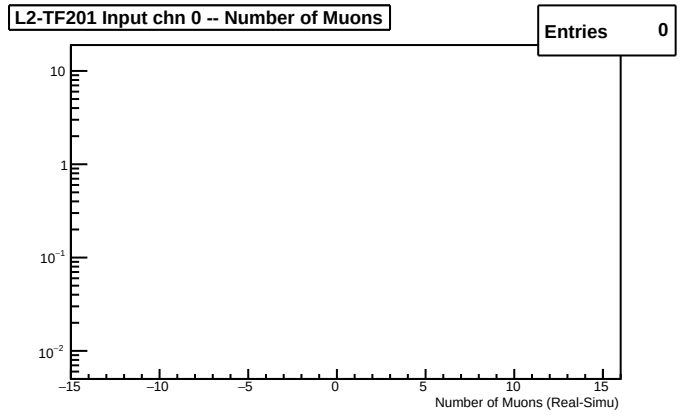

L2-TF201
Entries 781788
Threshold/UPC bits
78288 80163 74853 77886 79869 76864 87379
33396 31521 36831 33798 31815 34820 24305
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

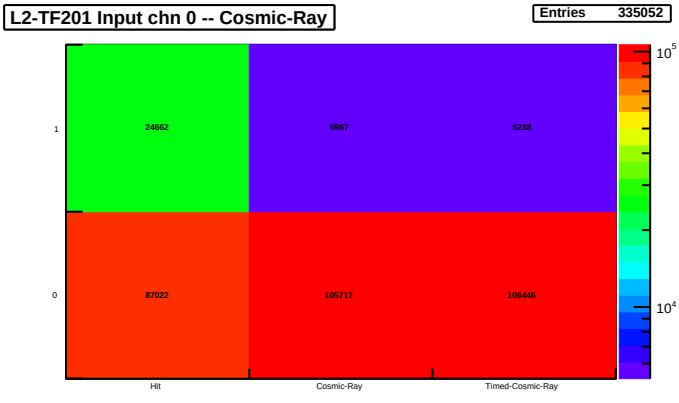

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

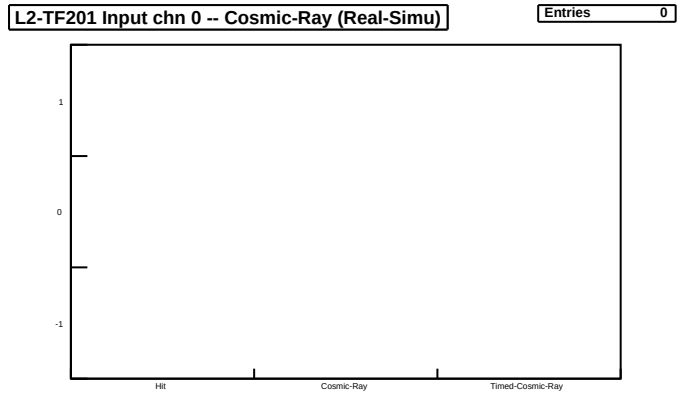

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 893472
Fired
12480 12342 35548 36724 25003 25328 24551 27184
99204 99342 76136 74960 86681 86356 87133 84500
ET IT EOR WOR EU ED WU WD
Bit

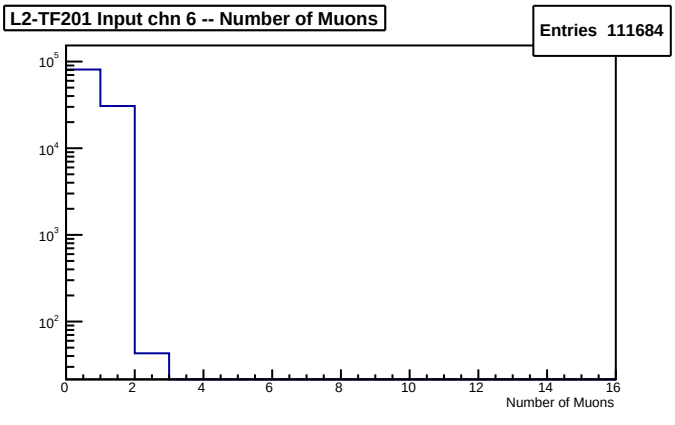

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

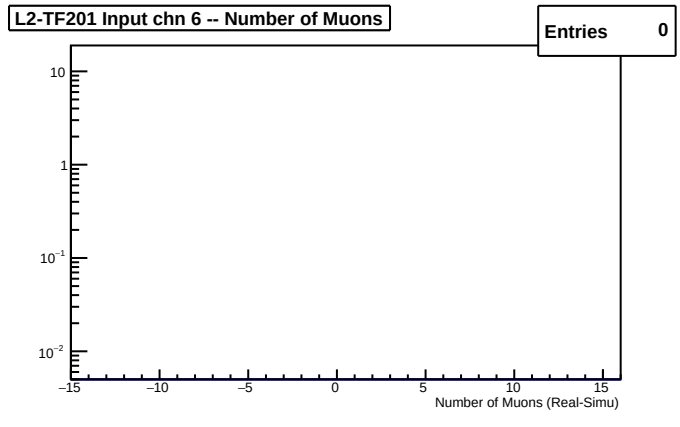

L2-TF201 Input chn 0 -- Number of Muons
Entries 111684
Number of Muons

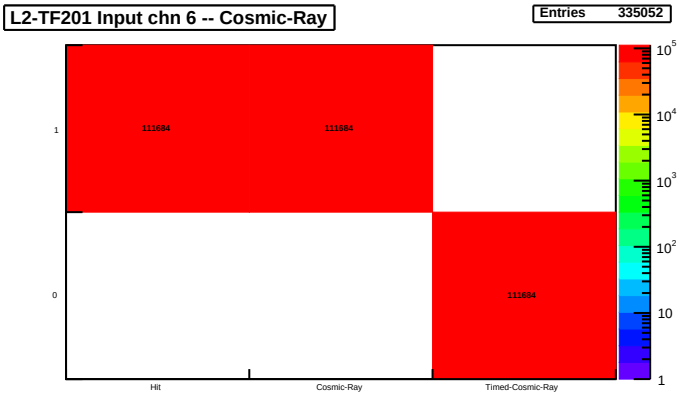

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

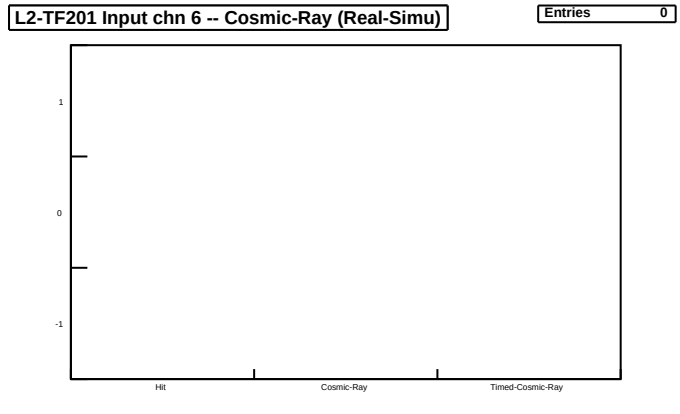

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 335052
24662
5967
5238
87022
105717
106446
Hit
Cosmic-Ray
Timed-Cosmic-Ray

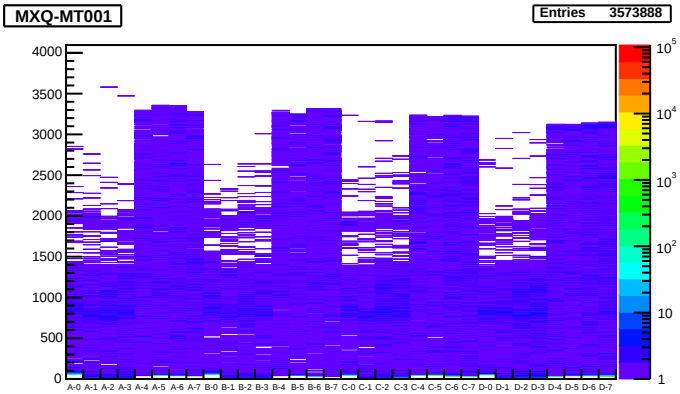

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

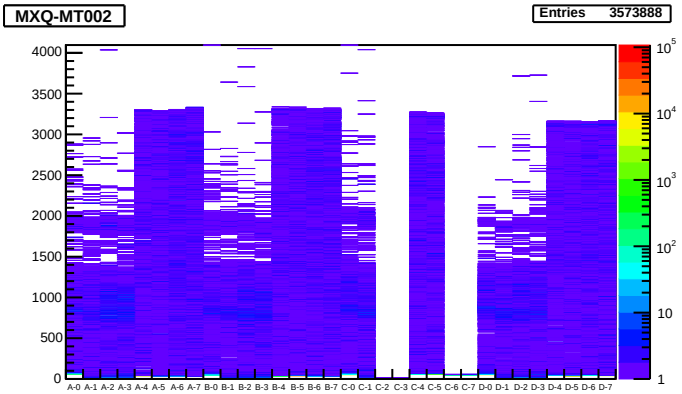

L2-TF201 Input chn 6 -- Number of Muons
Entries 111684
Number of Muons

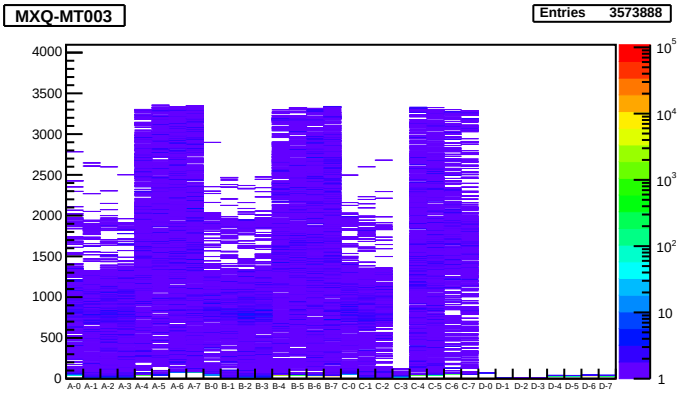

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

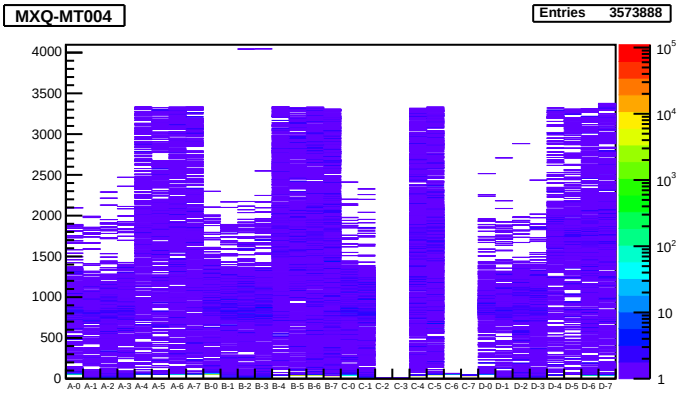

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 335052
111684
111684
111684
Hit
Cosmic-Ray
Timed-Cosmic-Ray

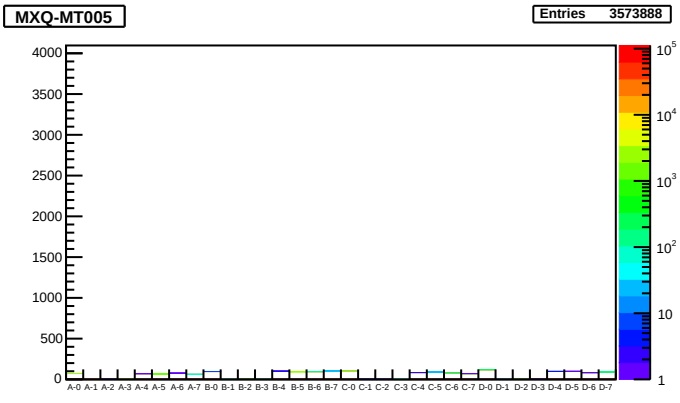

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

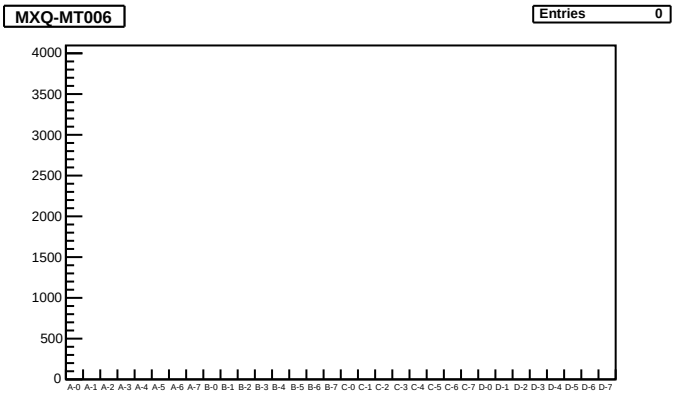

MXQ-MT001
Entries 3573888

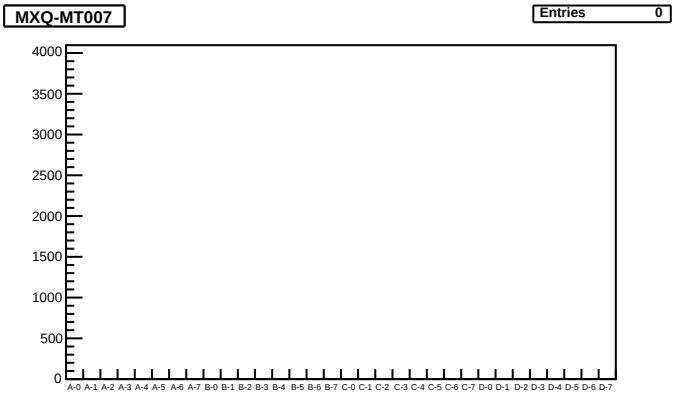

MXQ-MT002
Entries 3573888

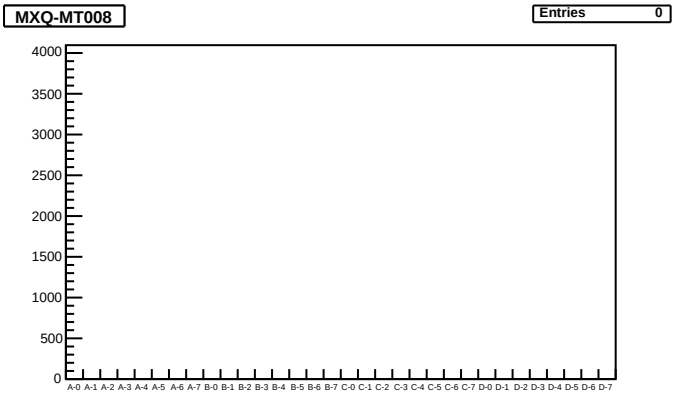

MXQ-MT003
Entries 3573888

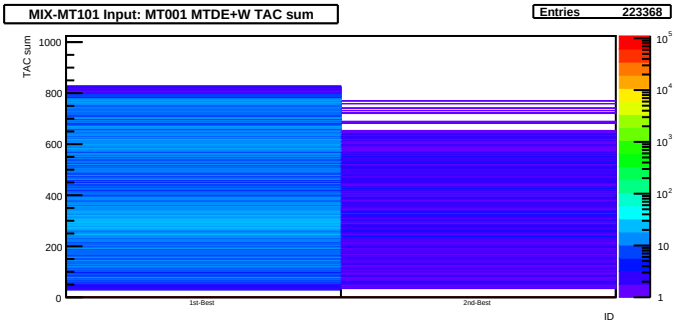

MXQ-MT004
Entries 3573888

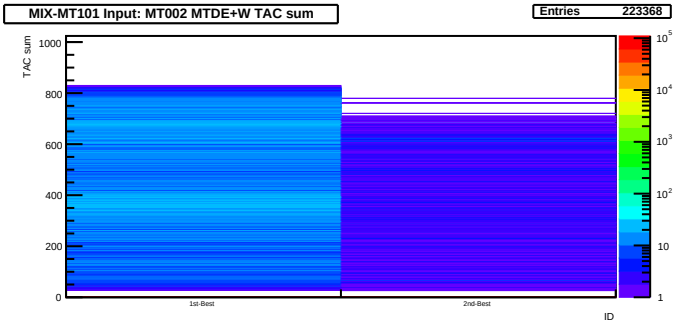

MXQ-MT005
Entries 3573888

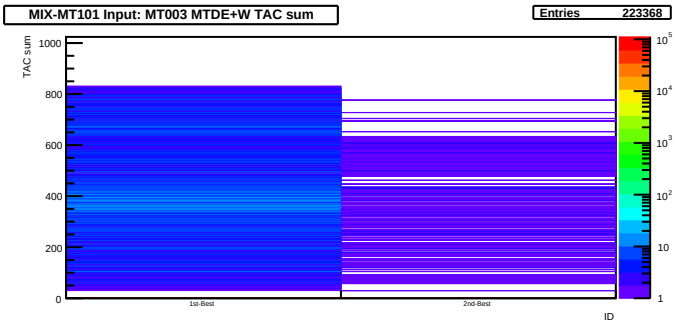

MXQ-MT006
Entries 0

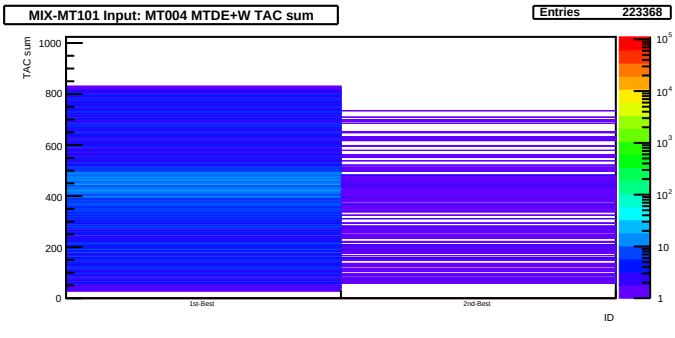

MXQ-MT007
Entries 0

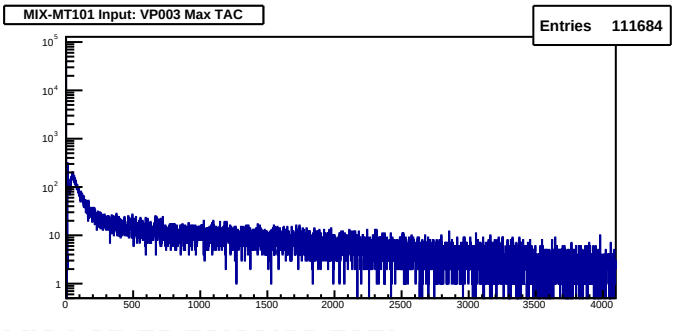

MXQ-MT008
Entries 0

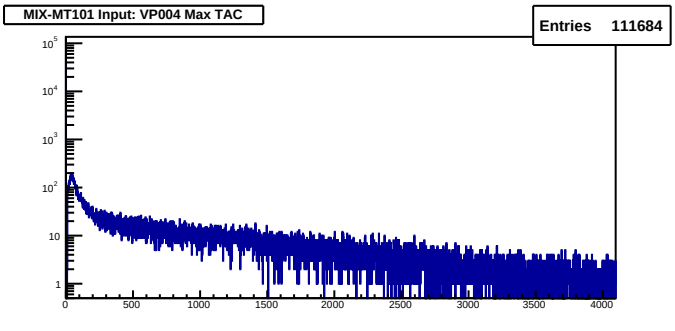

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

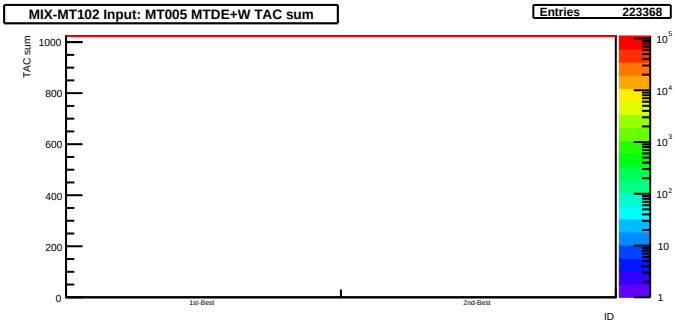

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

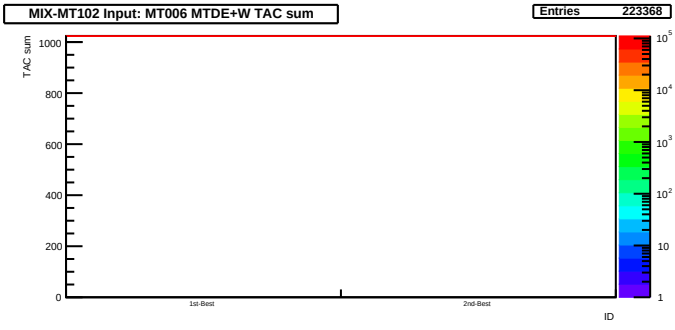

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

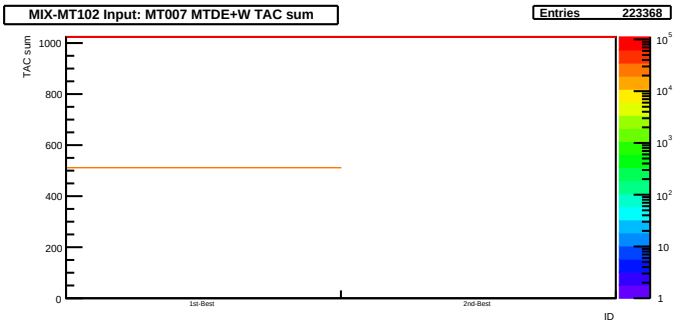

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

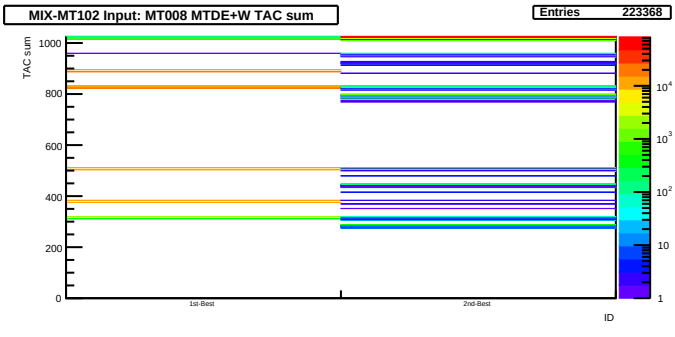

MIX-MT101 Input: VP003 Max TAC
Entries 111684

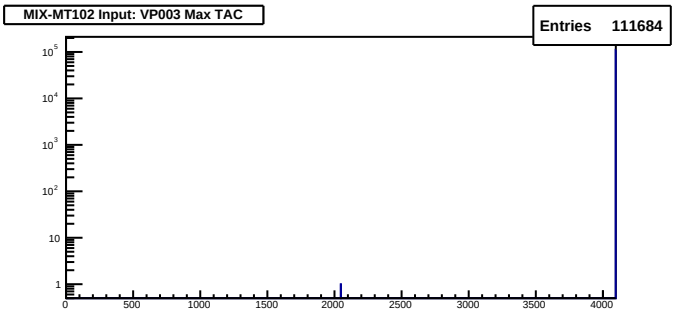

MIX-MT101 Input: VP004 Max TAC
Entries 111684

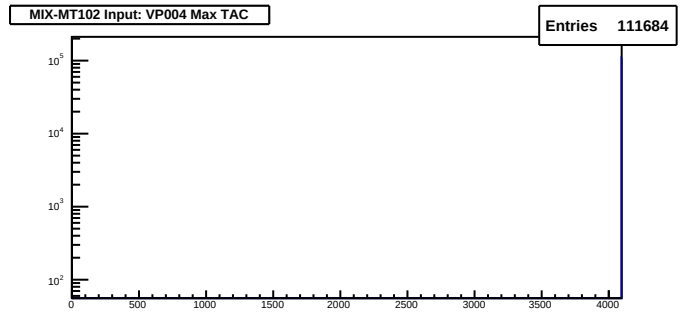

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

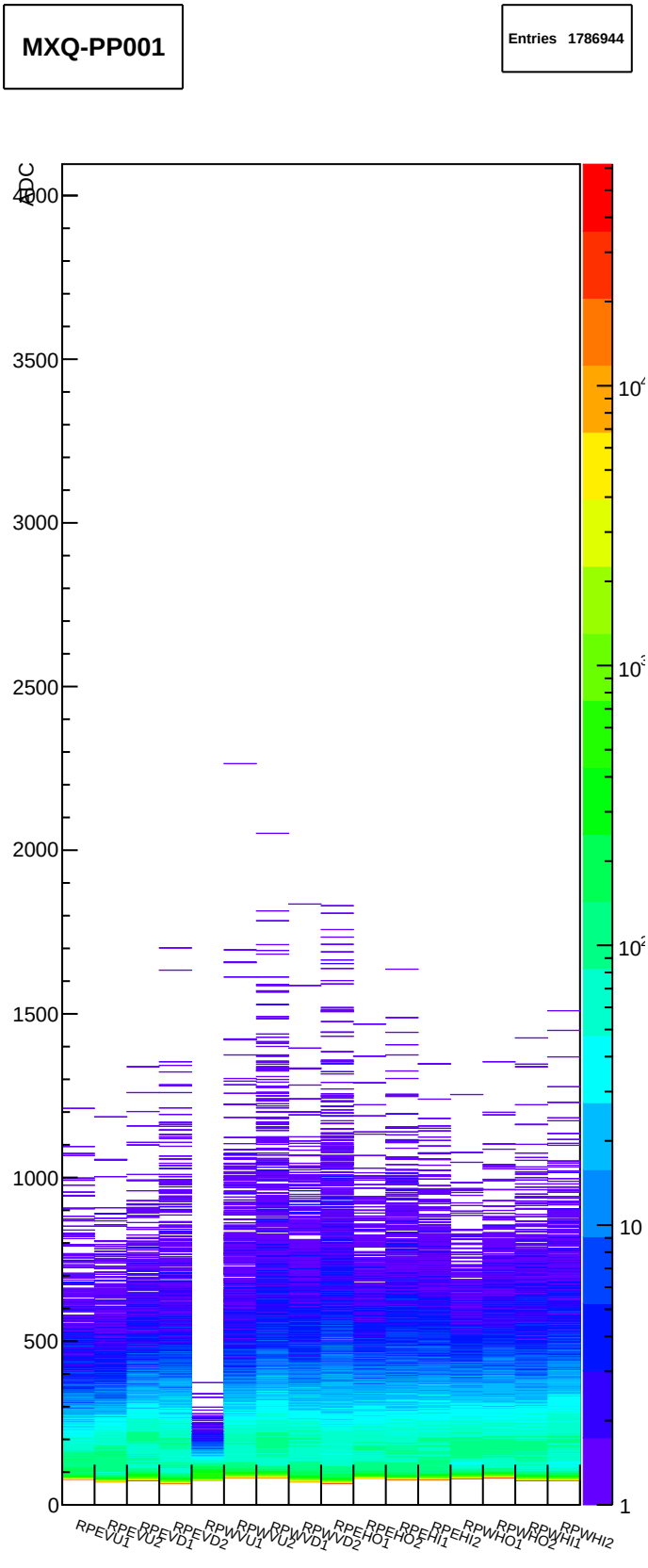

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

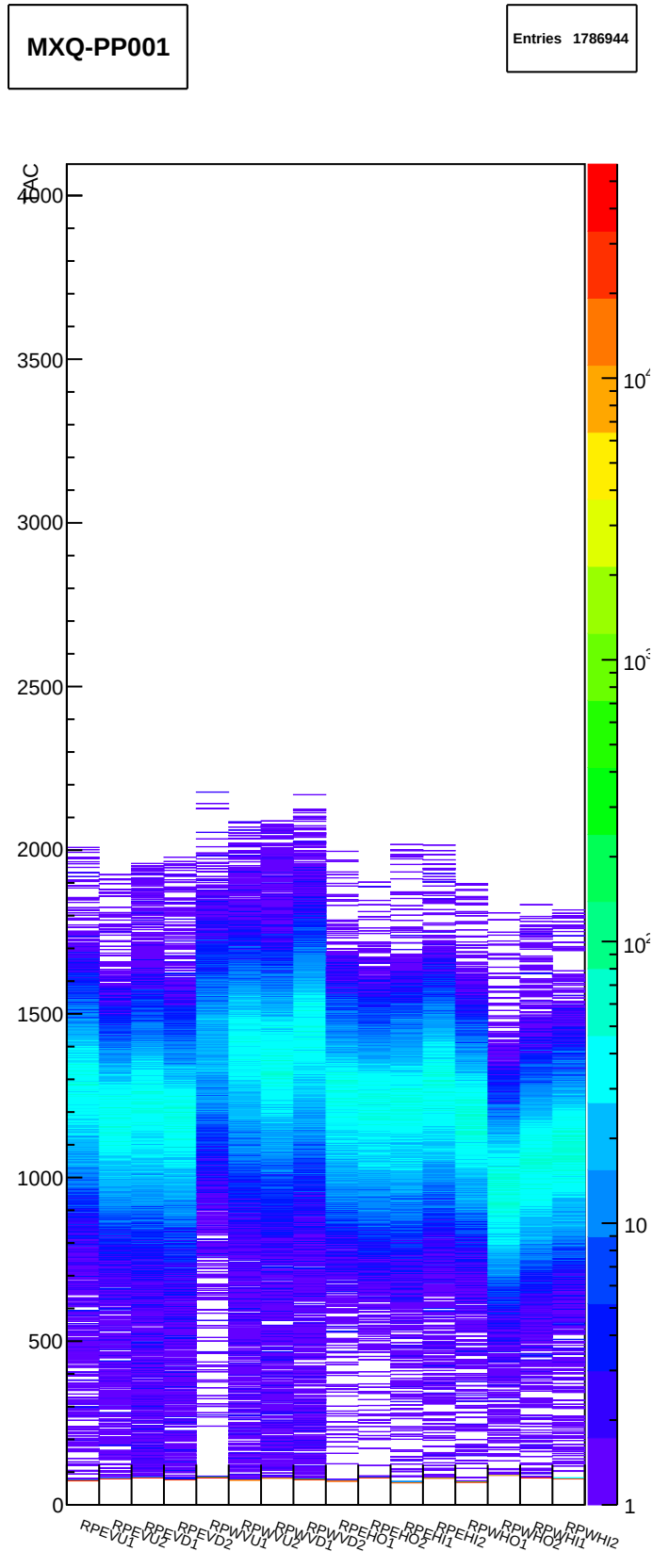

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

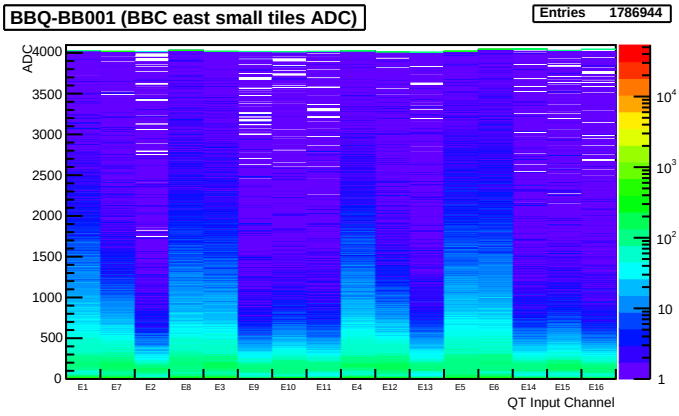

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 223368
TAC sum
1st-Best
2nd-Best
ID

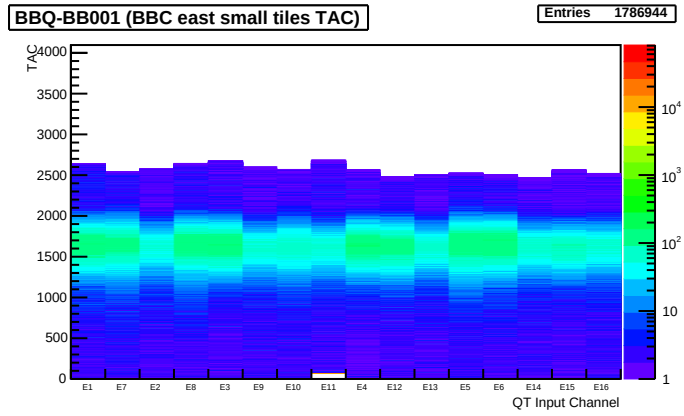

MIX-MT102 Input: VP003 Max TAC
Entries 111684

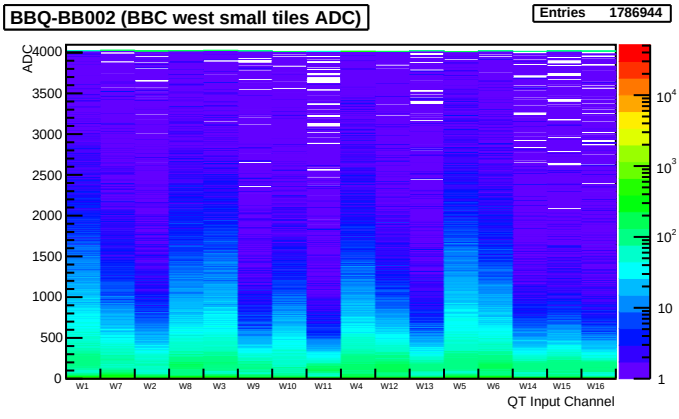

MIX-MT102 Input: VP004 Max TAC
Entries 111684

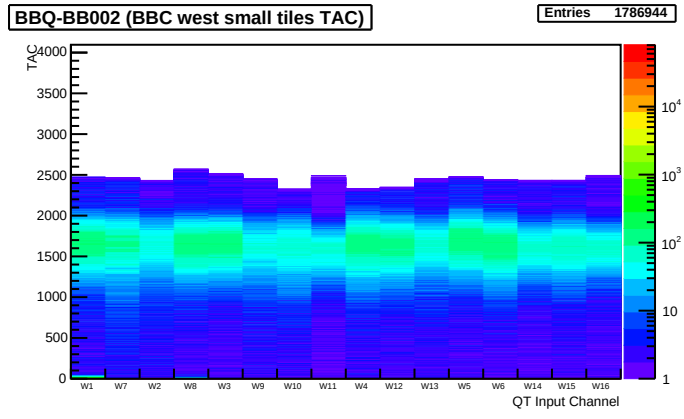

MXQ-PP001
Entries 1786944
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

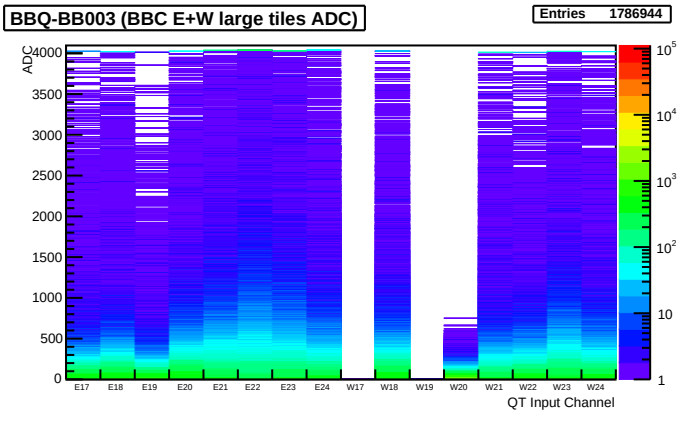

MXQ-PP001
Entries 1786944
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

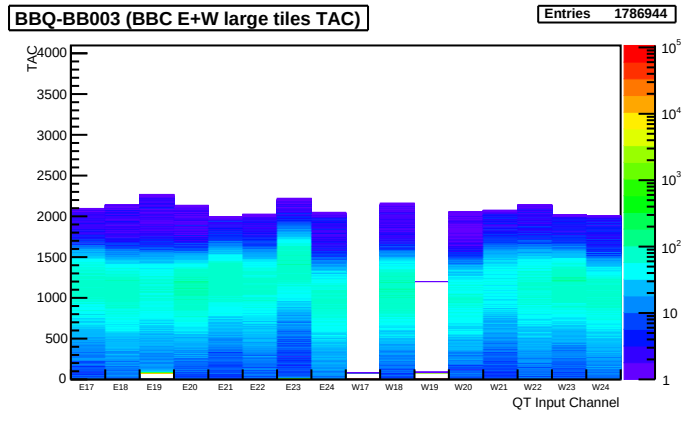

BBQ-BB001 (BBC east small tiles ADC)
Entries 1786944
ADC
QT Input Channel

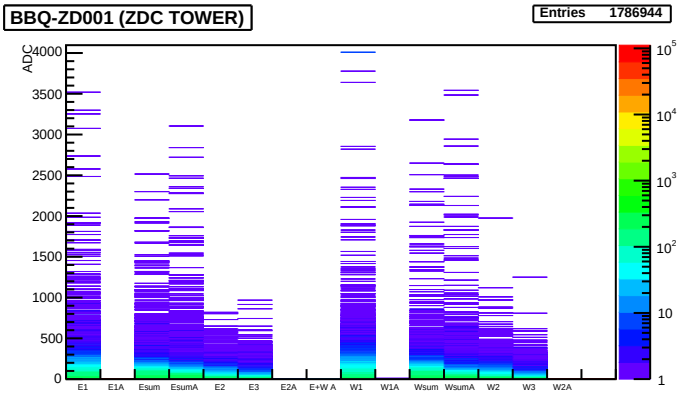

BBQ-BB001 (BBC east small tiles TAC)
Entries 1786944
TAC
QT Input Channel

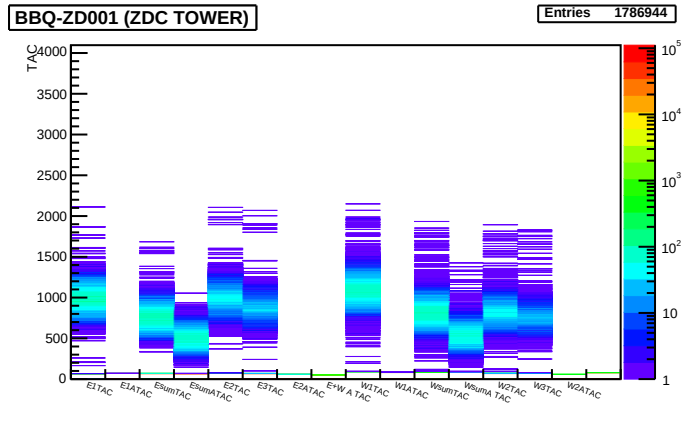

BBQ-BB002 (BBC west small tiles ADC)
Entries 1786944
ADC
QT Input Channel

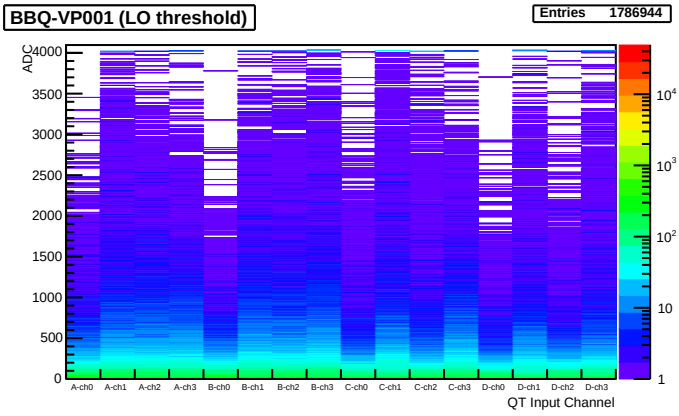

BBQ-BB002 (BBC west small tiles TAC)
Entries 1786944
TAC
QT Input Channel

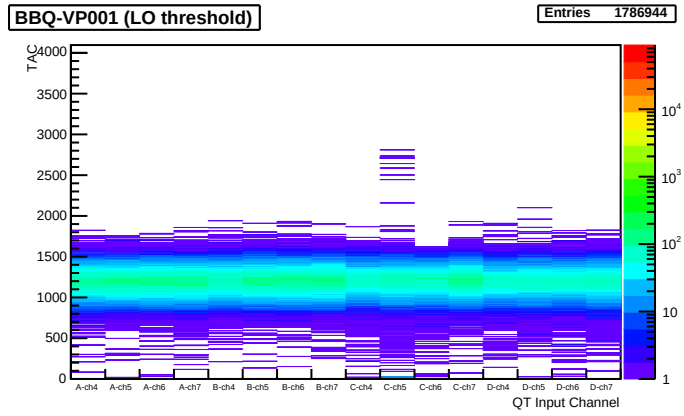

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1786944
ADC
QT Input Channel

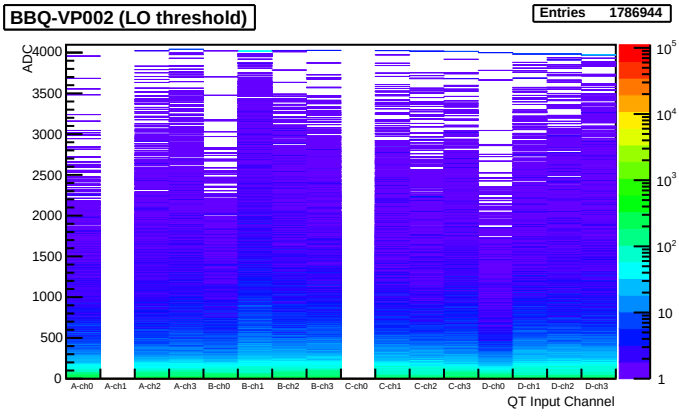

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1786944
TAC
QT Input Channel

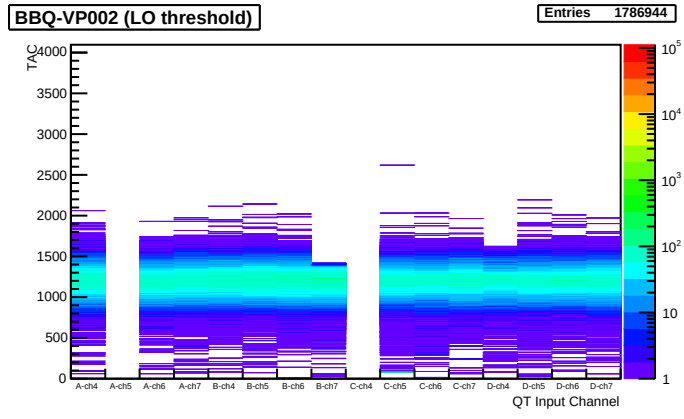

BBQ-ZD001 (ZDC TOWER)
Entries 1786944
ADC

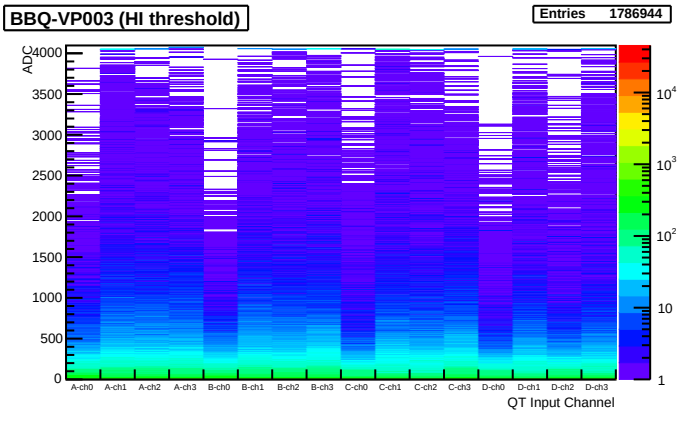

BBQ-ZD001 (ZDC TOWER)
Entries 1786944
TAC

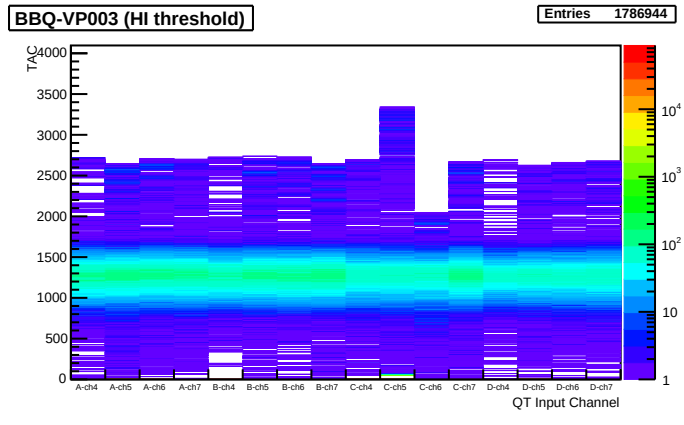

BBQ-VP001 (LO threshold)
Entries 1786944
ADC
QT Input Channel

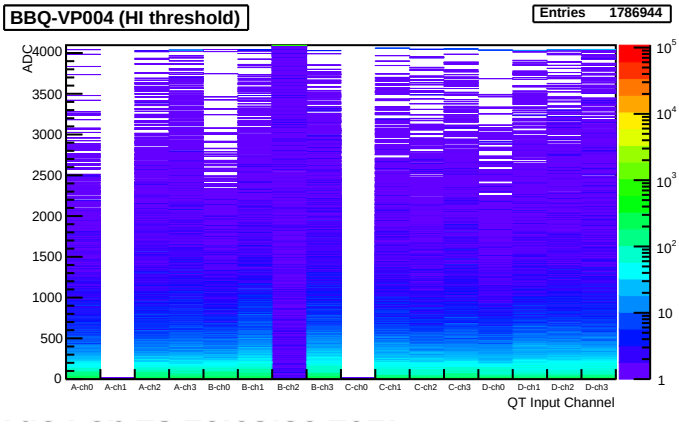

BBQ-VP001 (LO threshold)
Entries 1786944
TAC
QT Input Channel

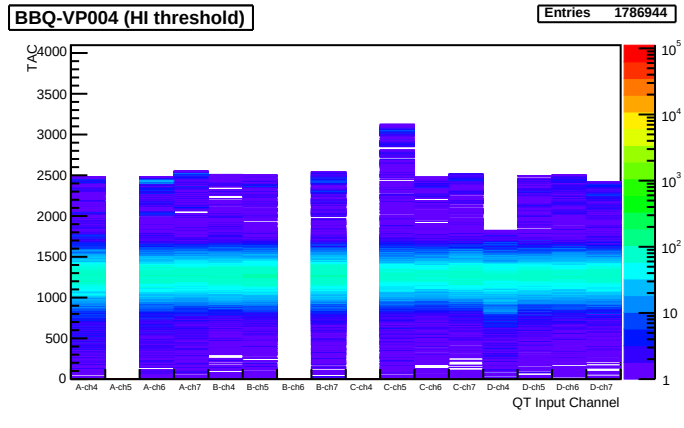

BBQ-VP002 (LO threshold)
Entries 1786944
ADC
QT Input Channel

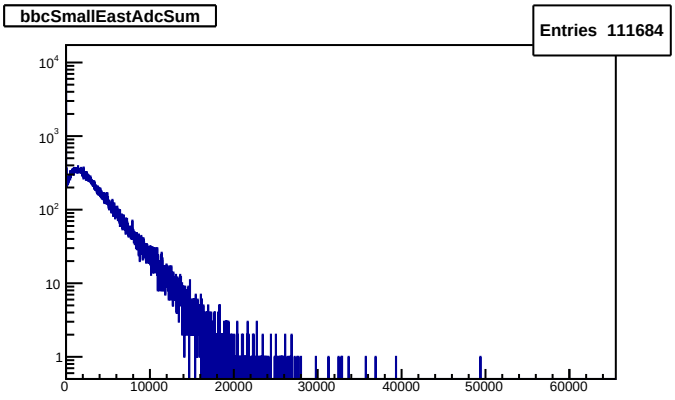

BBQ-VP002 (LO threshold)
Entries 1786944
TAC
QT Input Channel

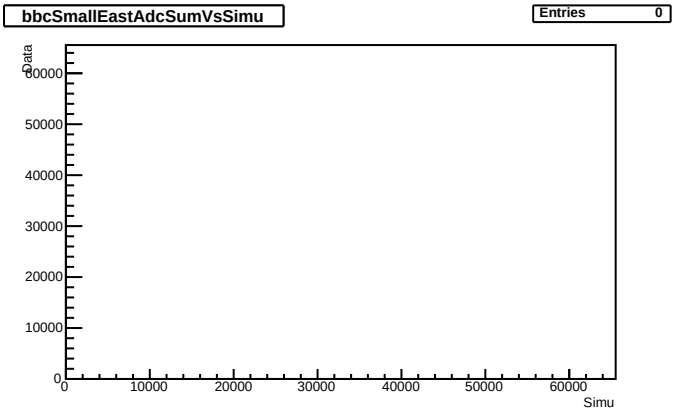

BBQ-VP003 (HI threshold)
Entries 1786944
ADC
QT Input Channel

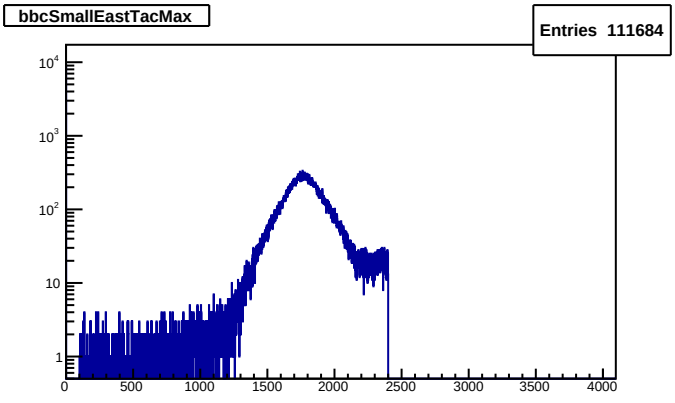

BBQ-VP003 (HI threshold)
Entries 1786944
TAC
QT Input Channel

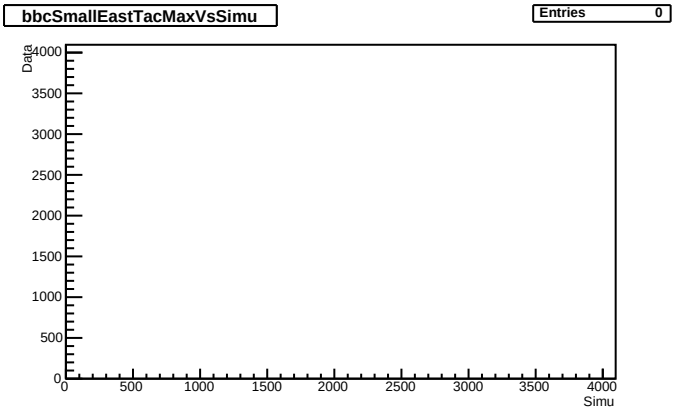

BBQ-VP004 (HI threshold)
Entries 1786944
ADC
QT Input Channel

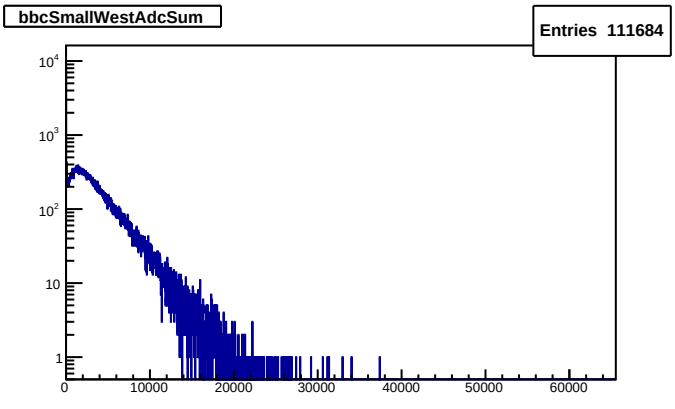

BBQ-VP004 (HI threshold)
Entries 1786944
TAC
QT Input Channel

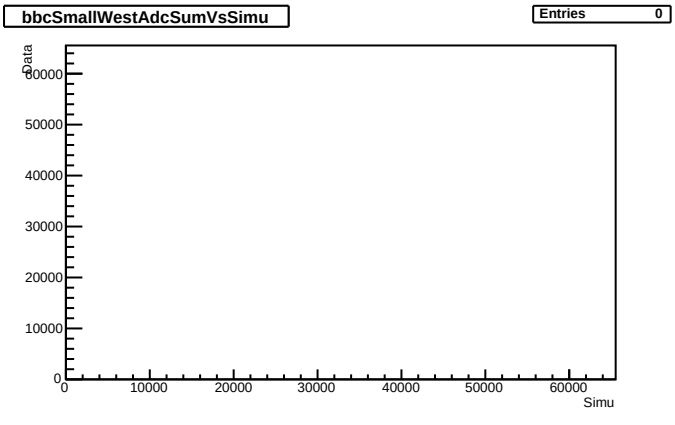

bbcSmallEastAdcSum
Entries 111684

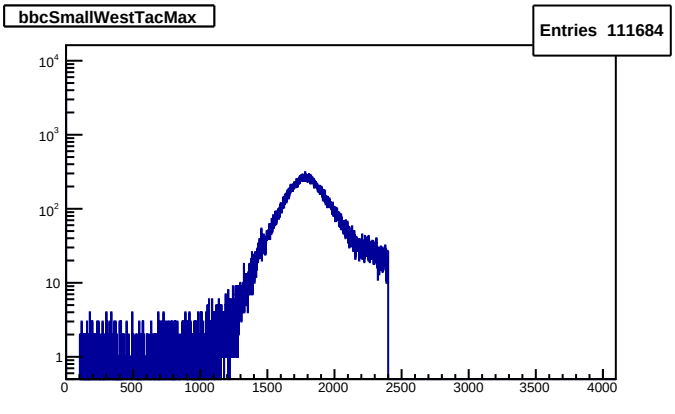

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

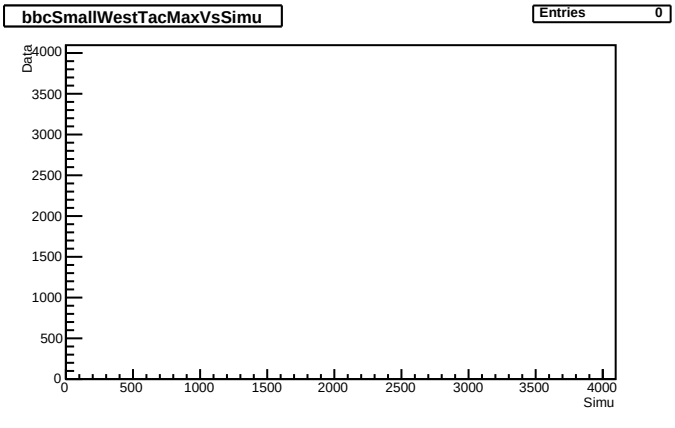

bbcSmallEastTacMax
Entries 111684

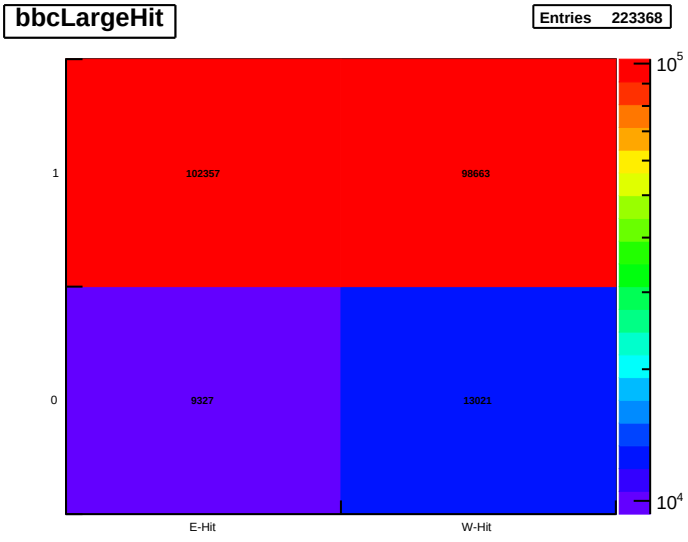

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

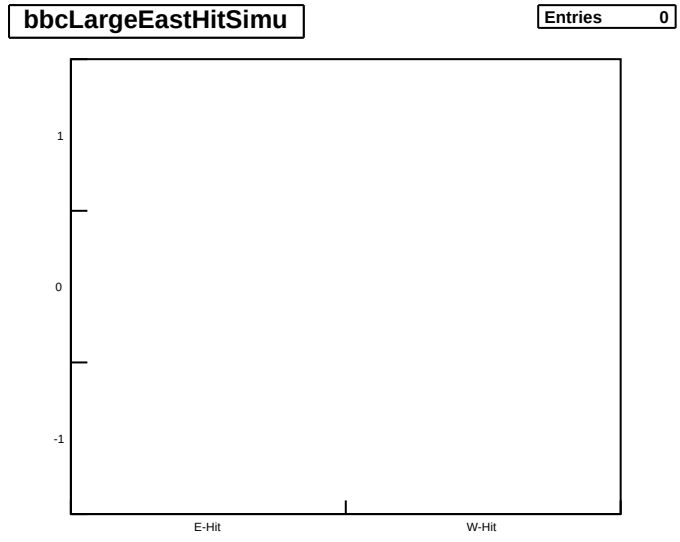

bbcSmallWestAdcSum
Entries 111684

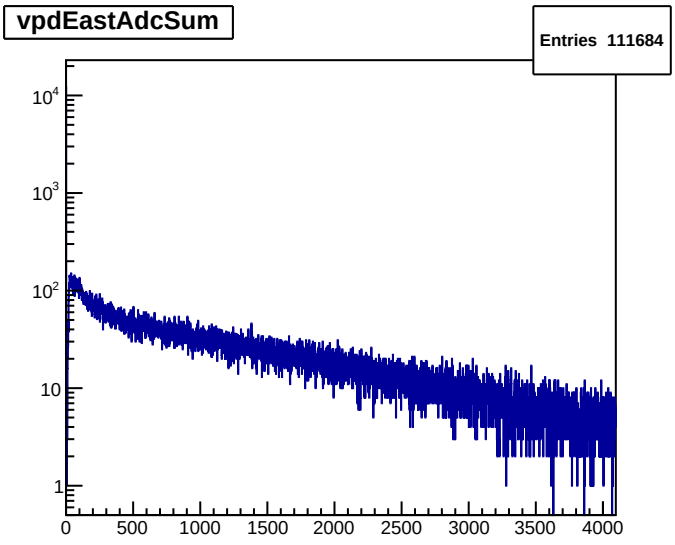

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

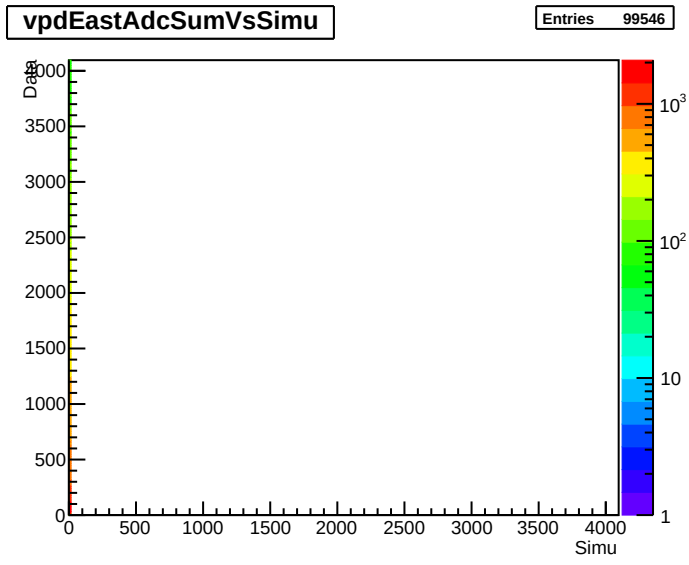

bbcSmallWestTacMax
Entries 111684

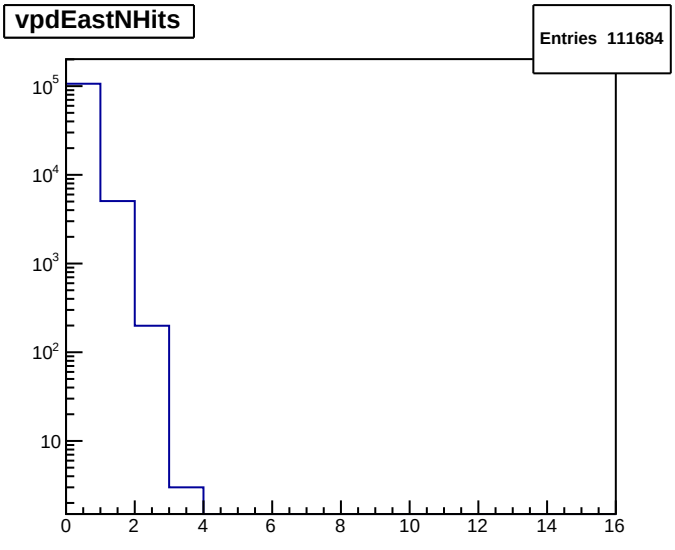

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

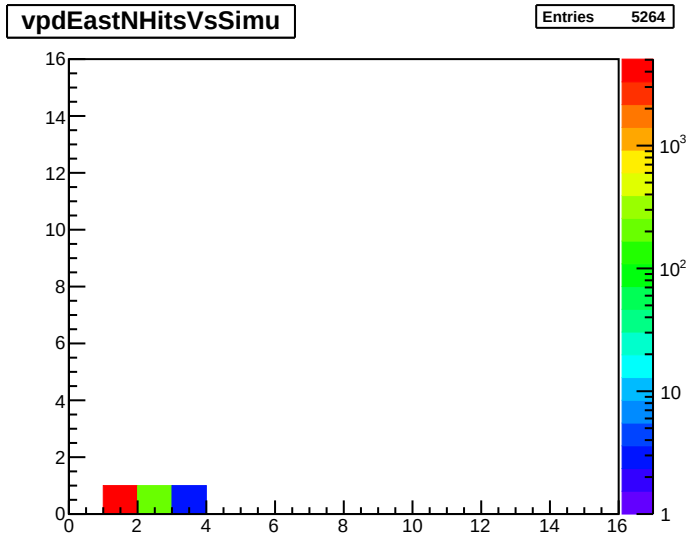

bbcLargeHit
Entries 223368
102357
98663
9327
13021
1
0
E-Hit
W-Hit
10^5
10^4

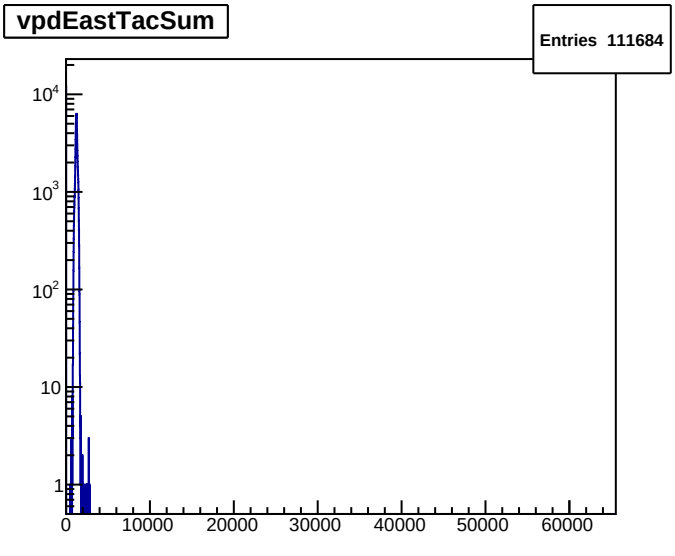

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

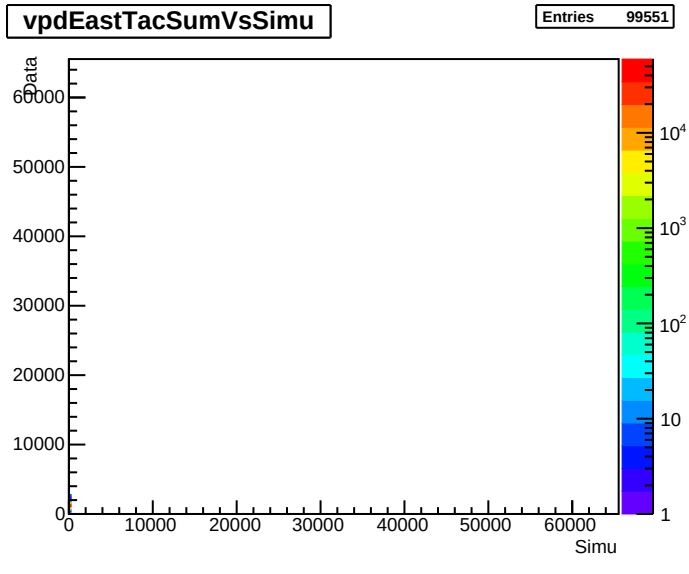

vpdEastAdcSum
Entries 111684

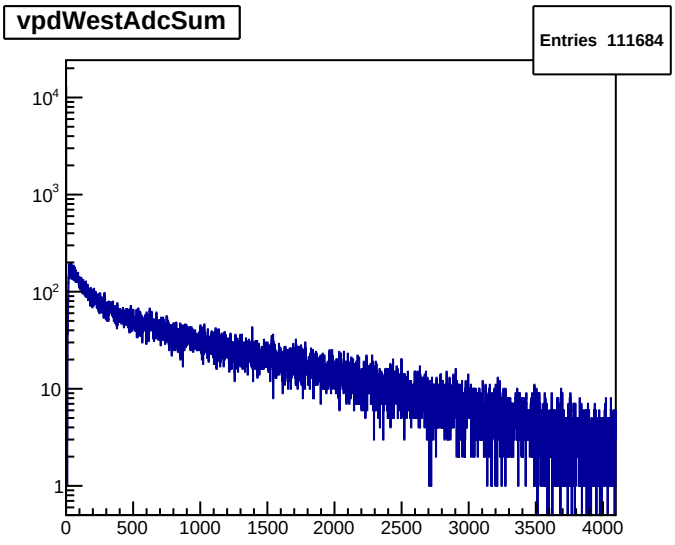

vpdEastAdcSumVsSimu
Entries 99546
Data
Simu

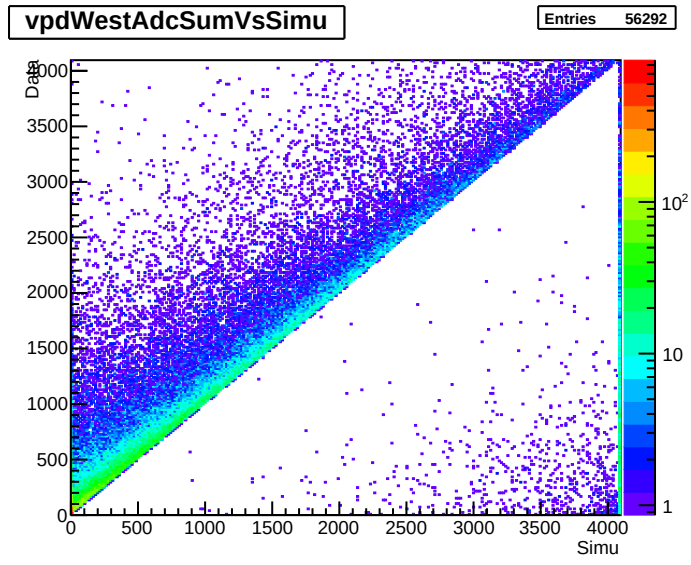

vpdEastNHits
Entries 111684

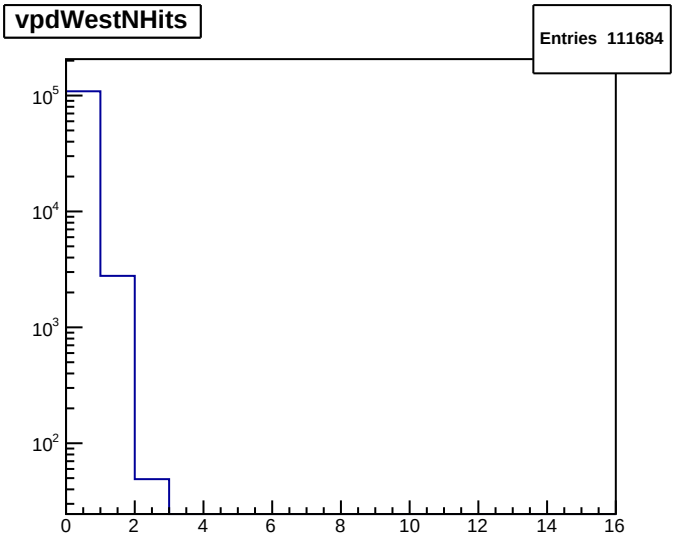

vpdEastNHitsVsSimu
Entries 5264

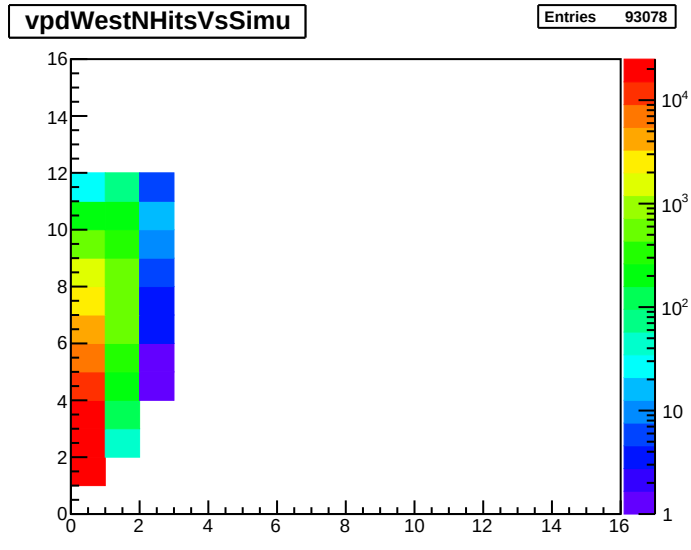

vpdEastTacSum
Entries 111684

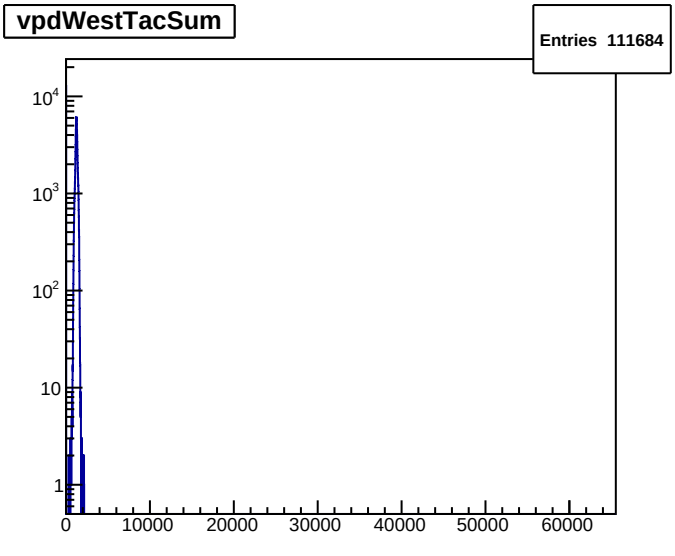

vpdEastTacSumVsSimu
Entries 99551
Data
Simu

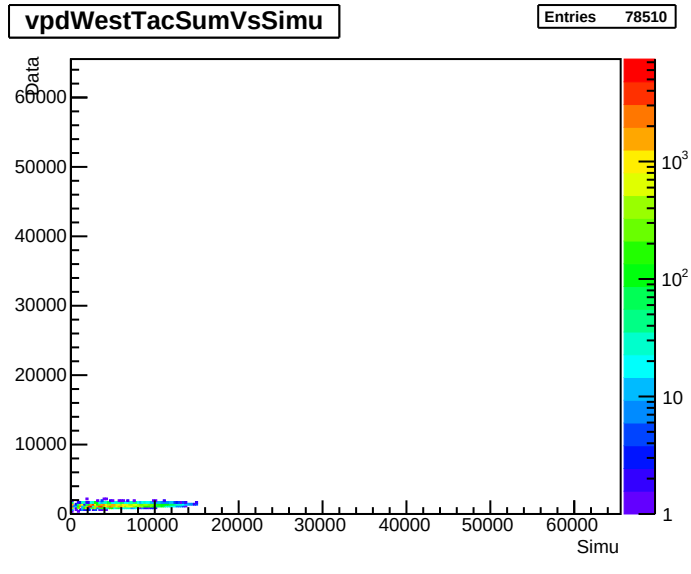

vpdWestAdcSum
Entries 111684

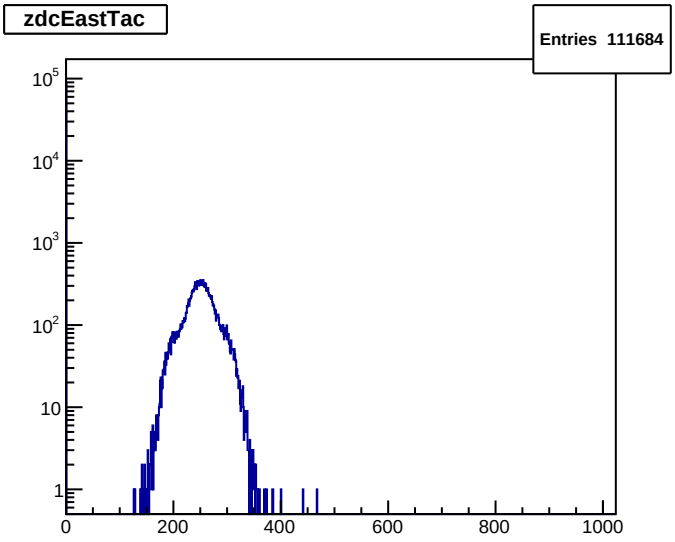

vpdWestAdcSumVsSimu
Entries 56292
Data
Simu

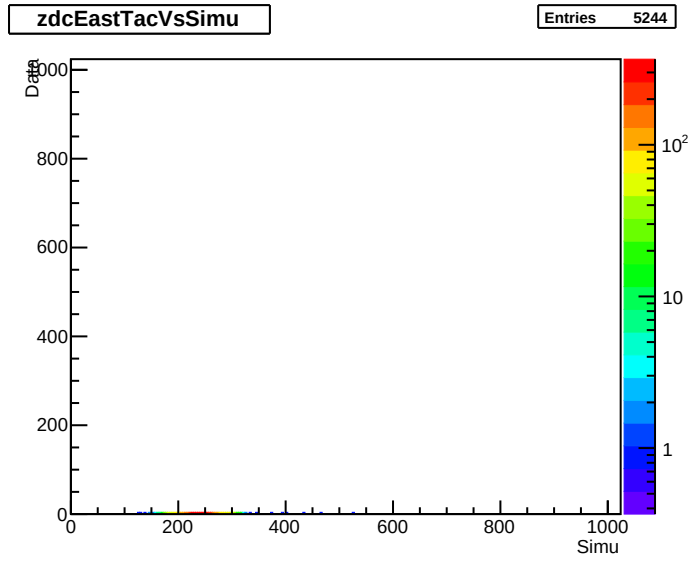

vpdWestNHits
Entries 111684

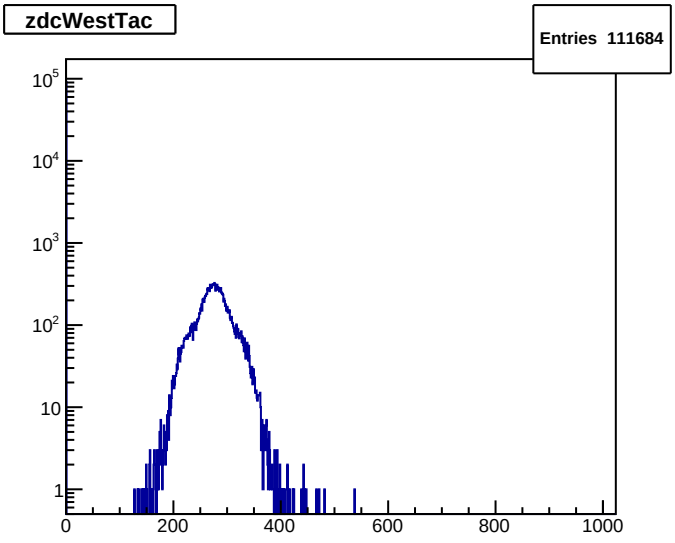

vpdWestNHitsVsSimu
Entries 93078

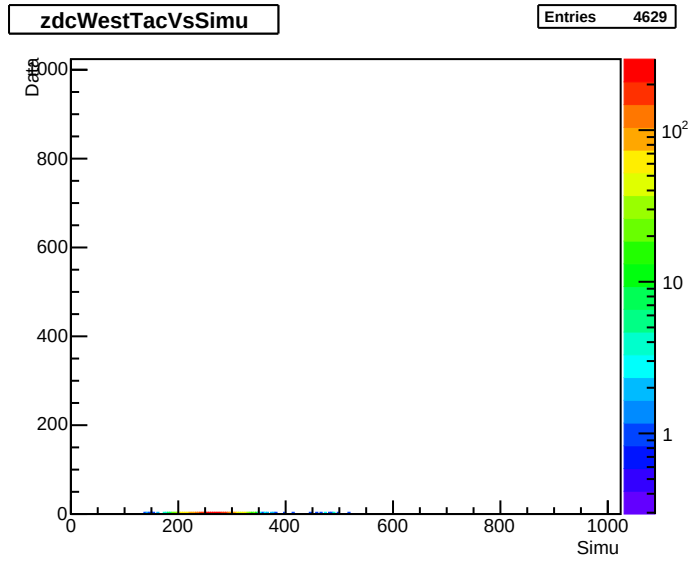

vpdWestTacSum
Entries 111684

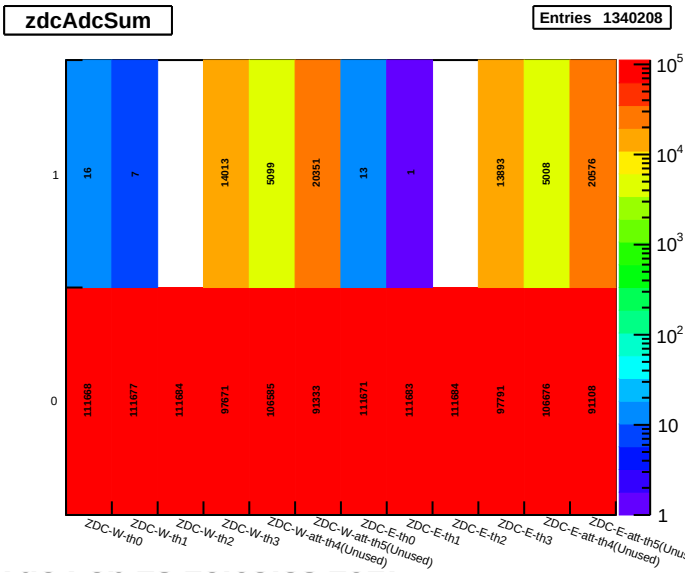

vpdWestTacSumVsSimu
Entries 78510
Data
Simu

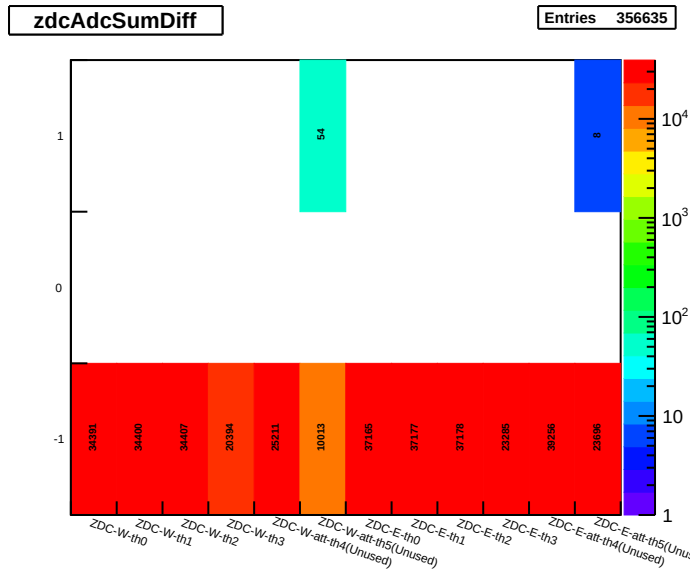

zdcEastTac
Entries 111684

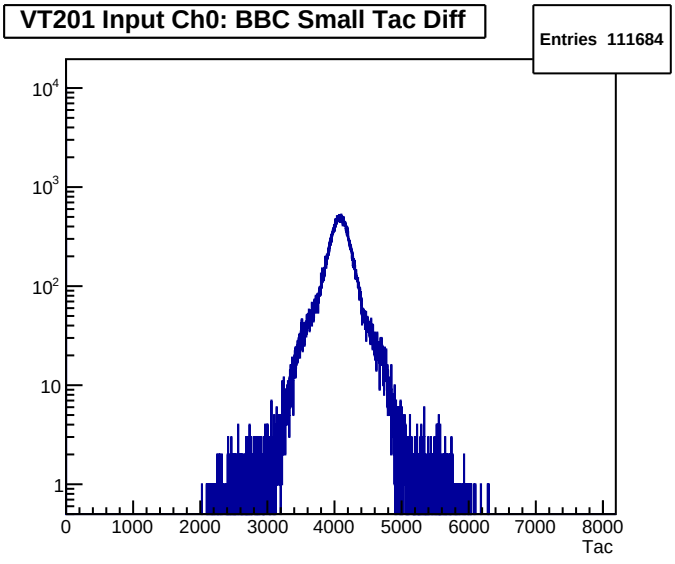

zdcEastTacVsSimu
Entries 5244
Data
Simu

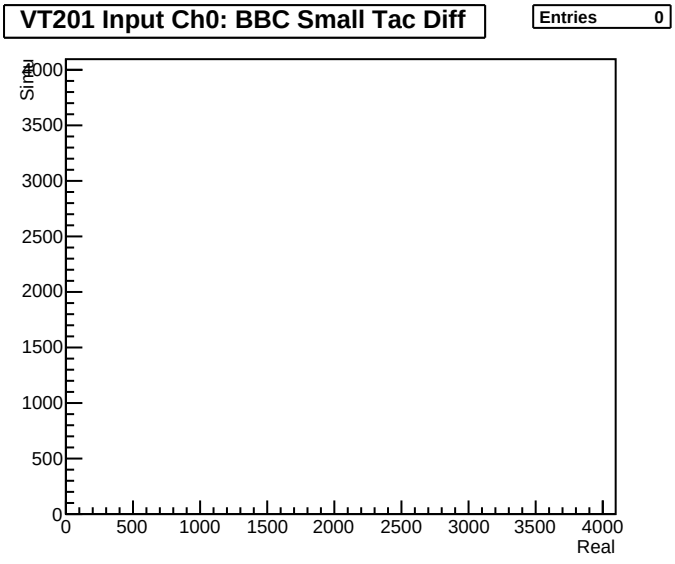

zdcWestTac
Entries 111684

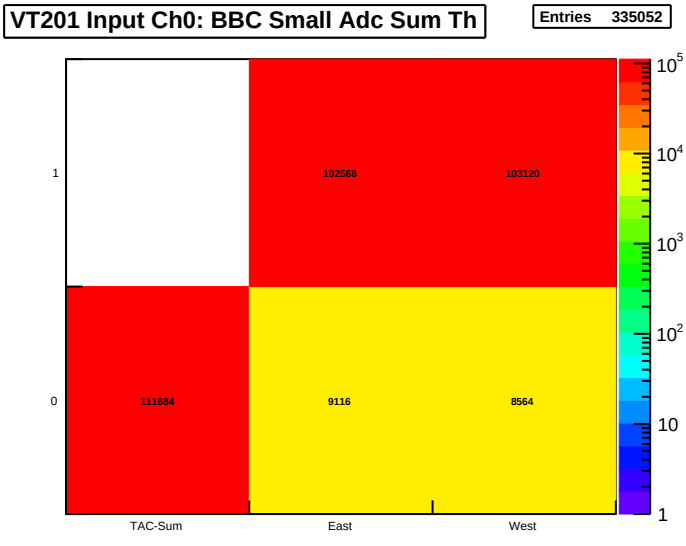

zdcWestTacVsSimu
Entries 4629
Data
Simu

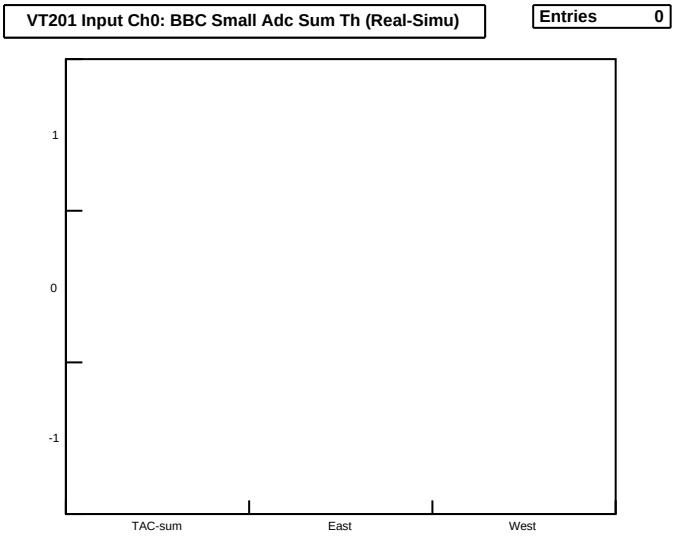

zdcAdcSum
Entries 1340208
16
7
14013
5099
20351
13
1
13893
5008
20576
111668
111677
111684
97571
106585
91333
111671
111683
111684
97791
106676
91108
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

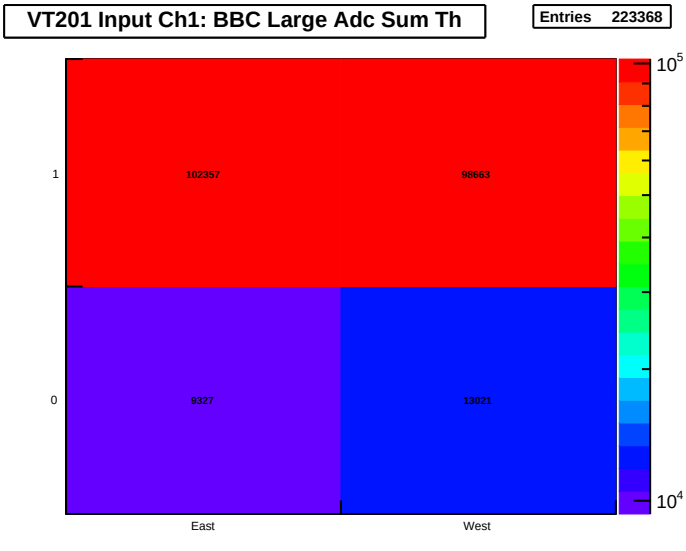

zdcAdcSumDiff
Entries 356635
54
8
34391
34400
34407
20394
25211
10013
37165
37177
37178
23285
39256
23696
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

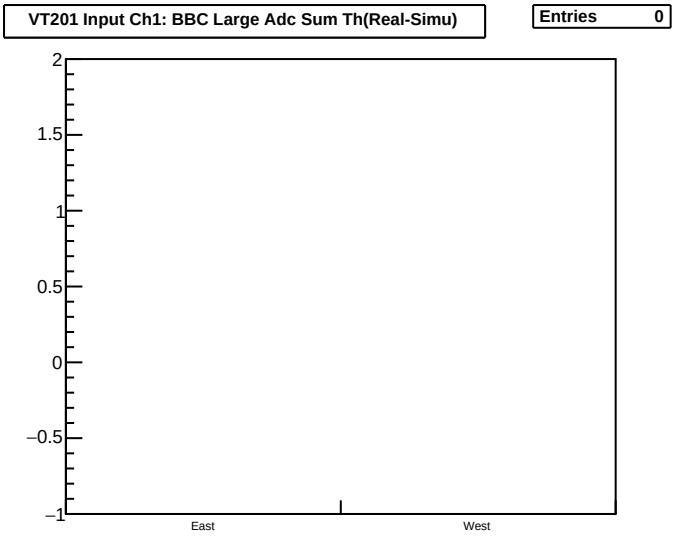

VT201 Input Ch0: BBC Small Tac Diff
Entries 111684
Tac


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

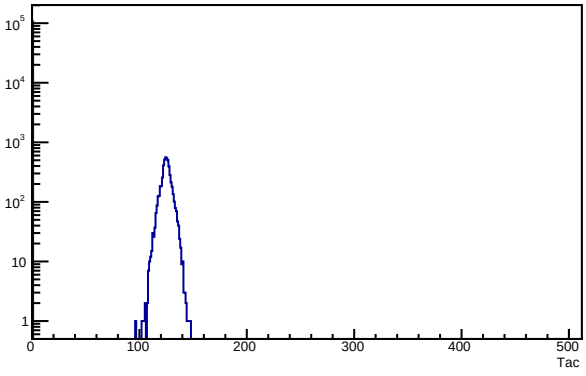

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 335052
102568
103120
111684
9116
8564
TAC-Sum
East
West


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

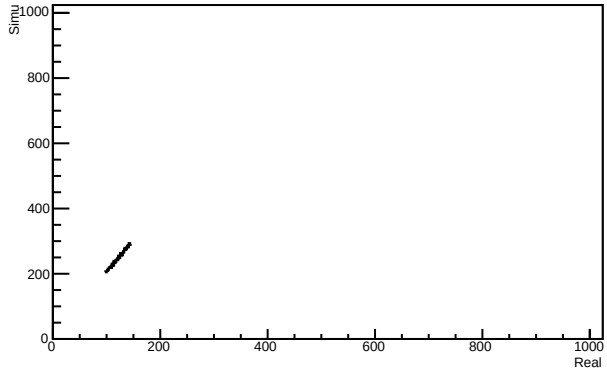

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 223368
102357
98663
9327
13021
East
West


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

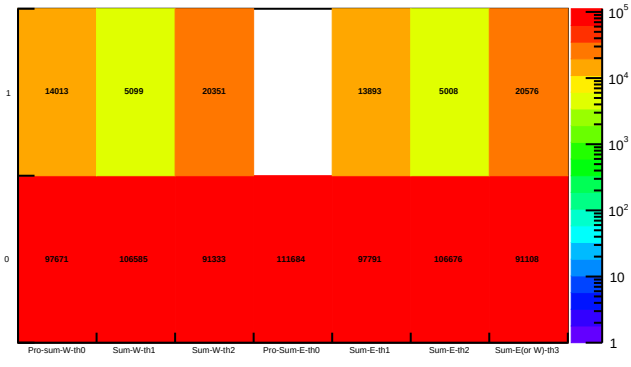
VT201 Input Ch2: ZDC Tac Diff



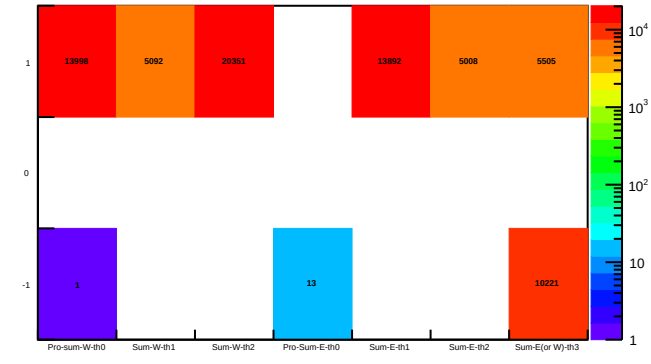
VT201 Input Ch2: ZDC Tac Diff



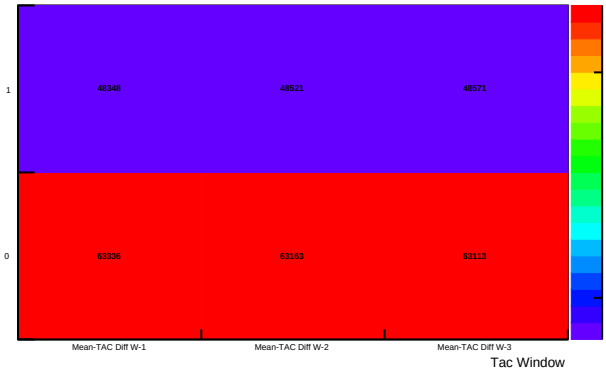
VT201 Input Ch2: ZDC Adc Sum Th



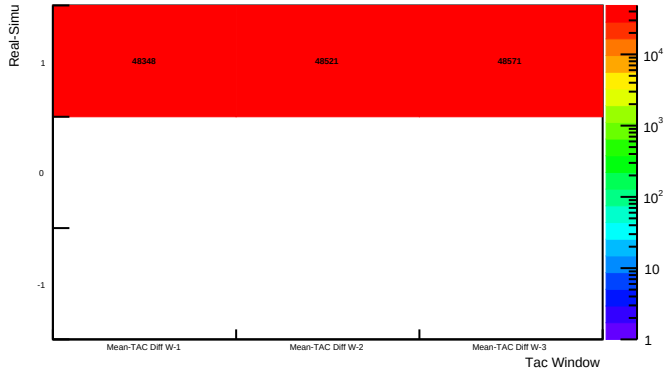
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



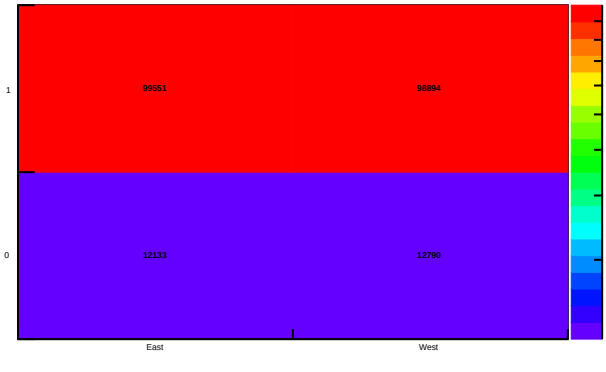
VT201 Input Ch4: VPD Tac Diff



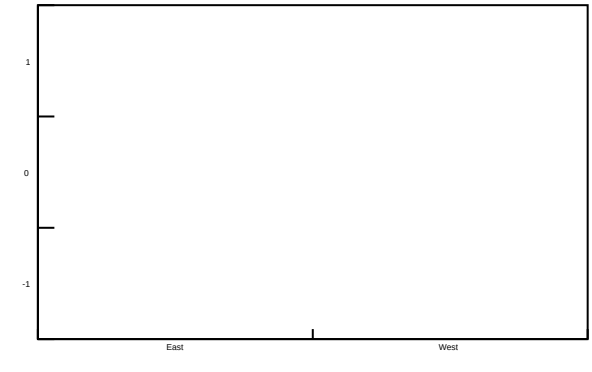
VT201 Input Ch4: VPD Tac Diff

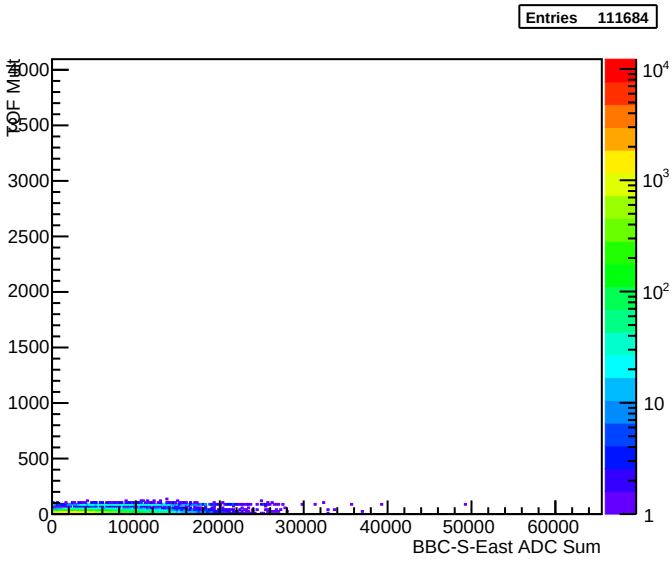


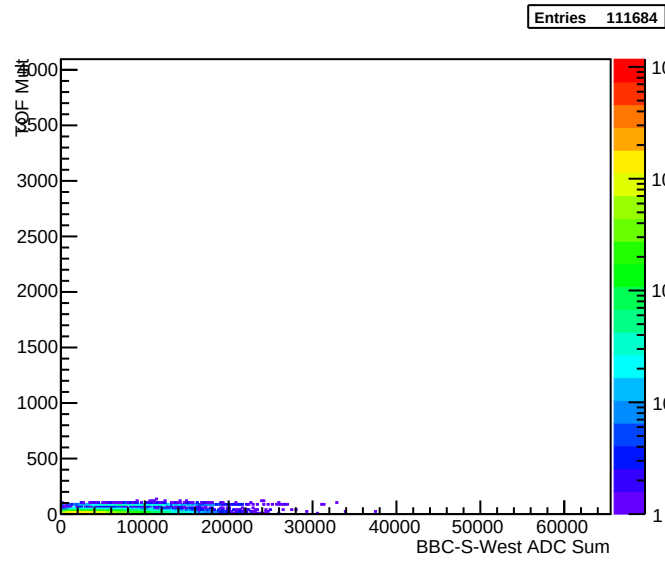
VT201 Input Ch4: VPD Adc Sum Th

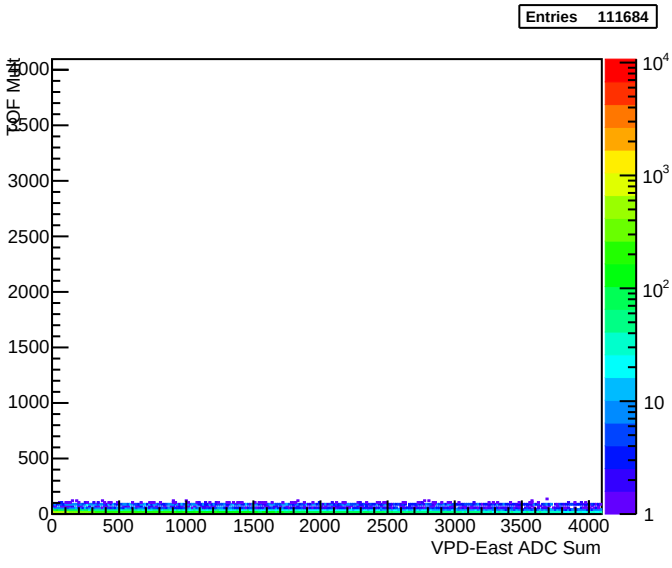


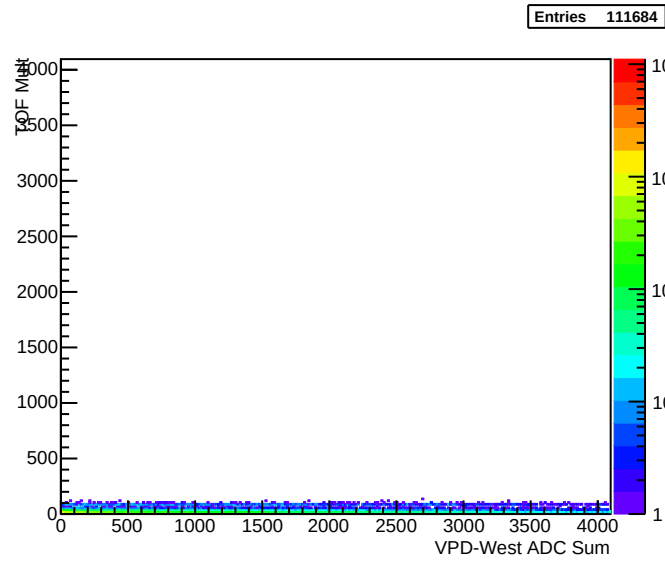
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

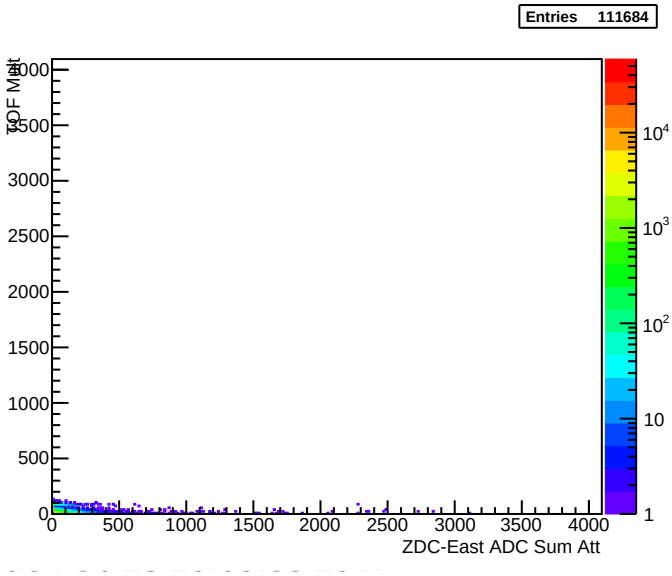


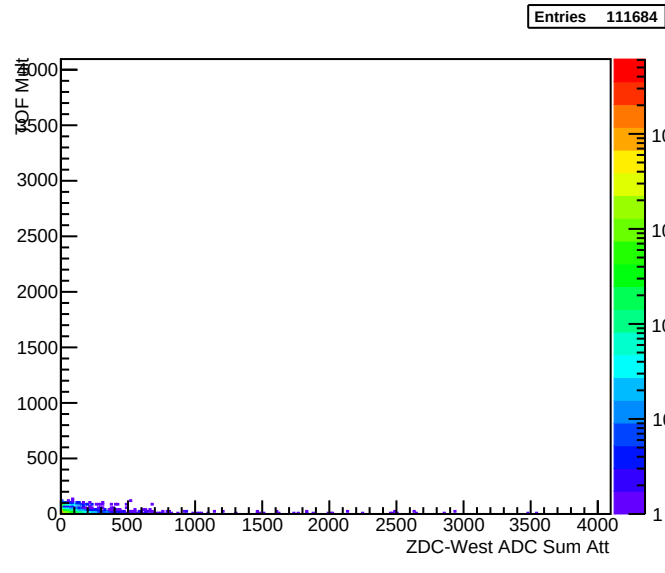

Entries 111684
TOF Mult
BBC-S-East ADC Sum

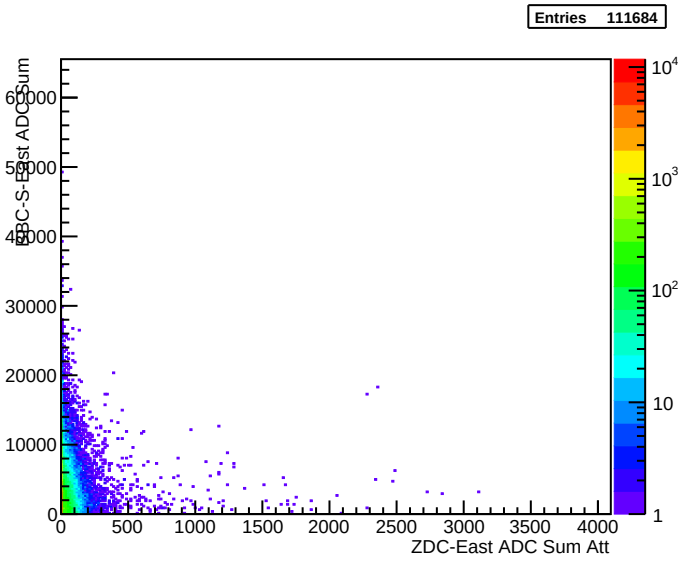

Entries 111684
TOF Mult
BBC-S-West ADC Sum

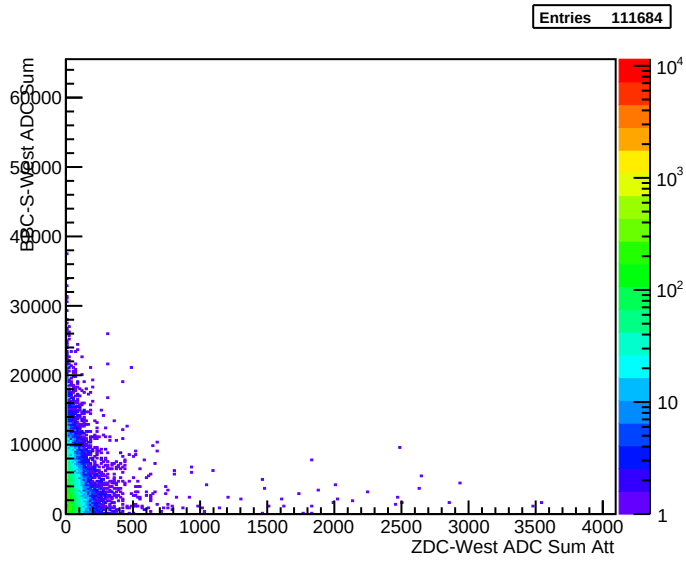

Entries 111684
TOF Mult
VPD-East ADC Sum

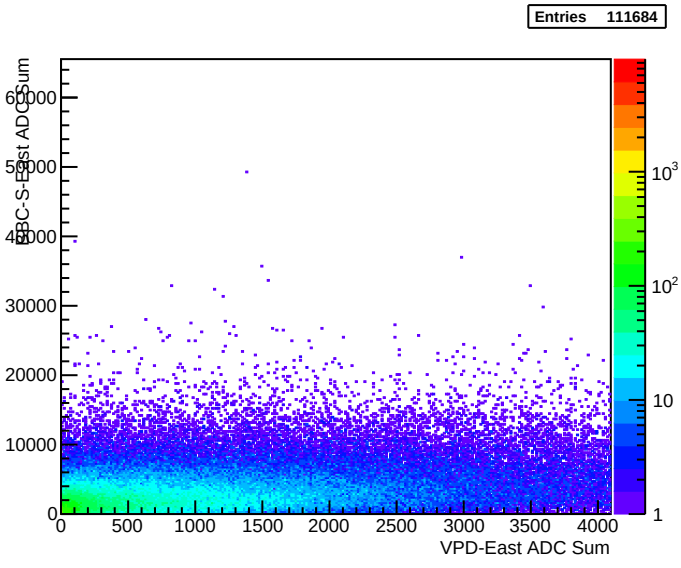

Entries 111684
TOF Mult
VPD-West ADC Sum

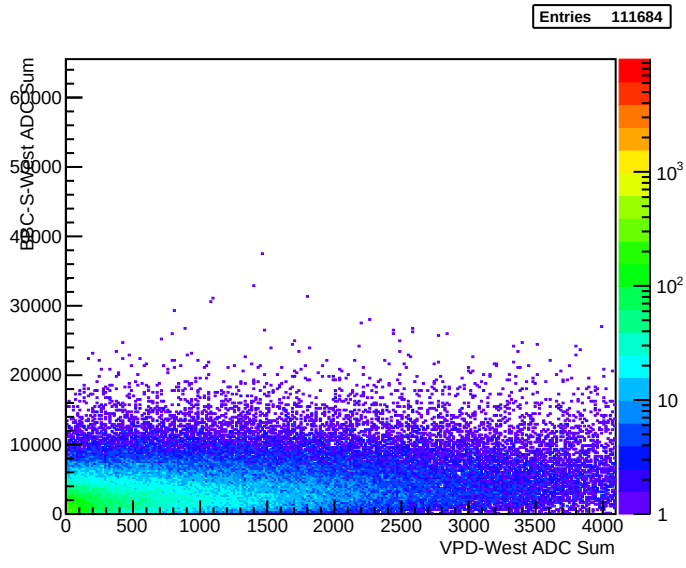

Entries 111684
TOF Mult
ZDC-East ADC Sum Att

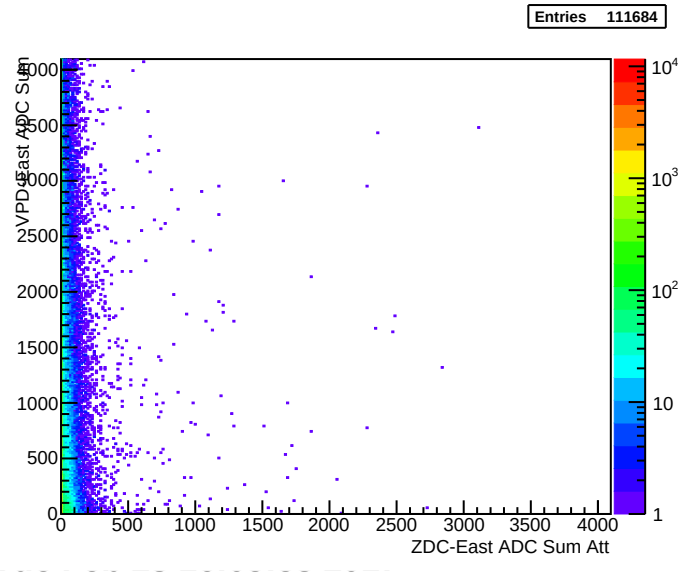

Entries 111684
TOF Mult
ZDC-West ADC Sum Att

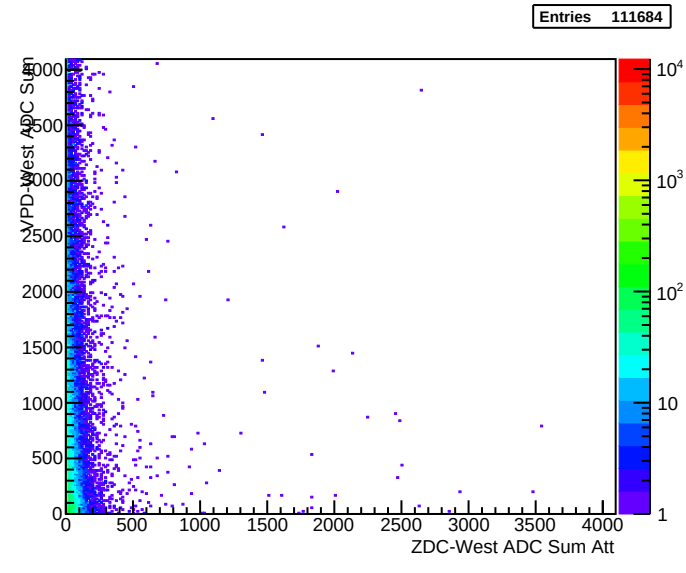

Entries 111684
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

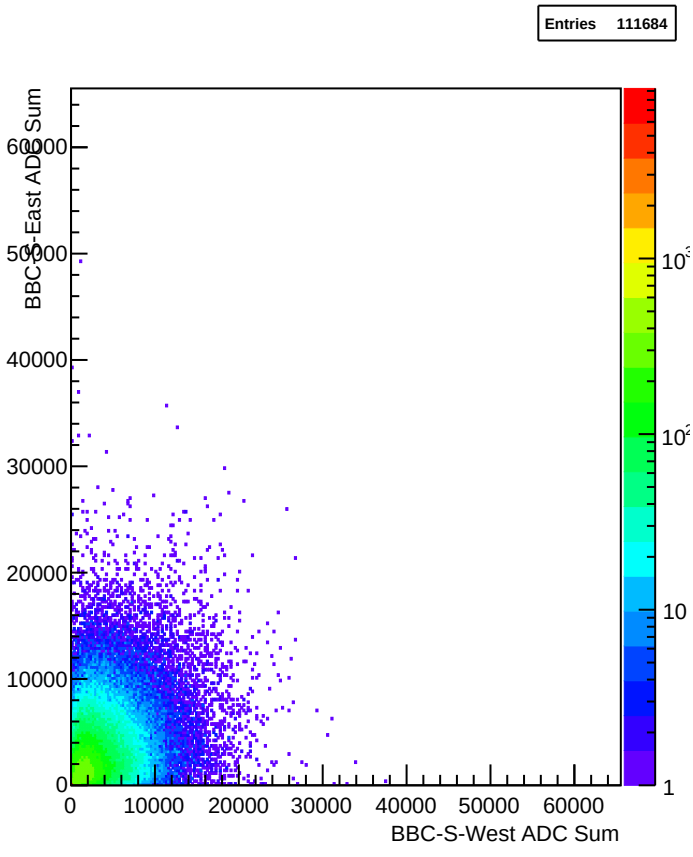

Entries 111684
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

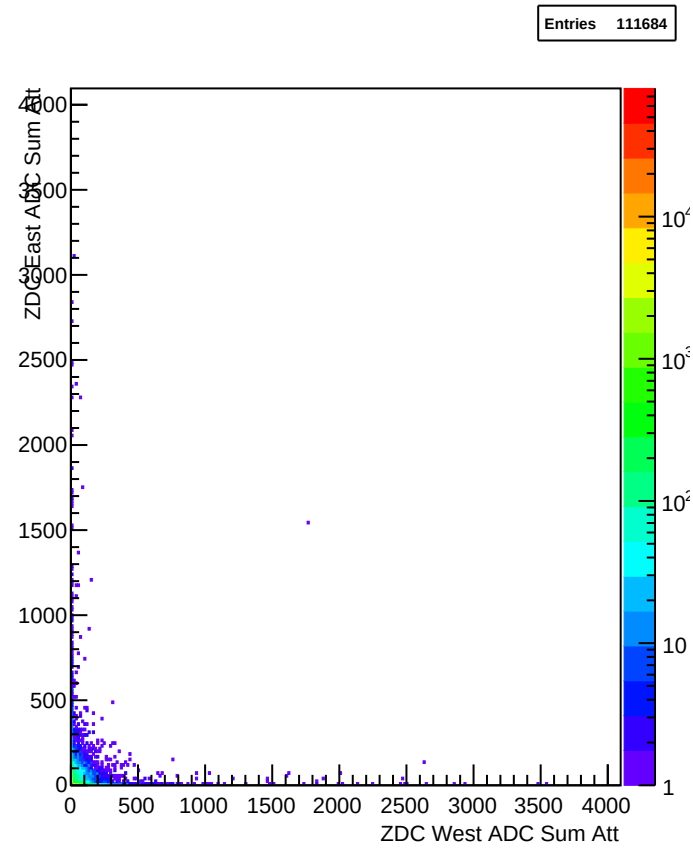

Entries 111684
BBC-S-East ADC Sum
VPD-East ADC Sum

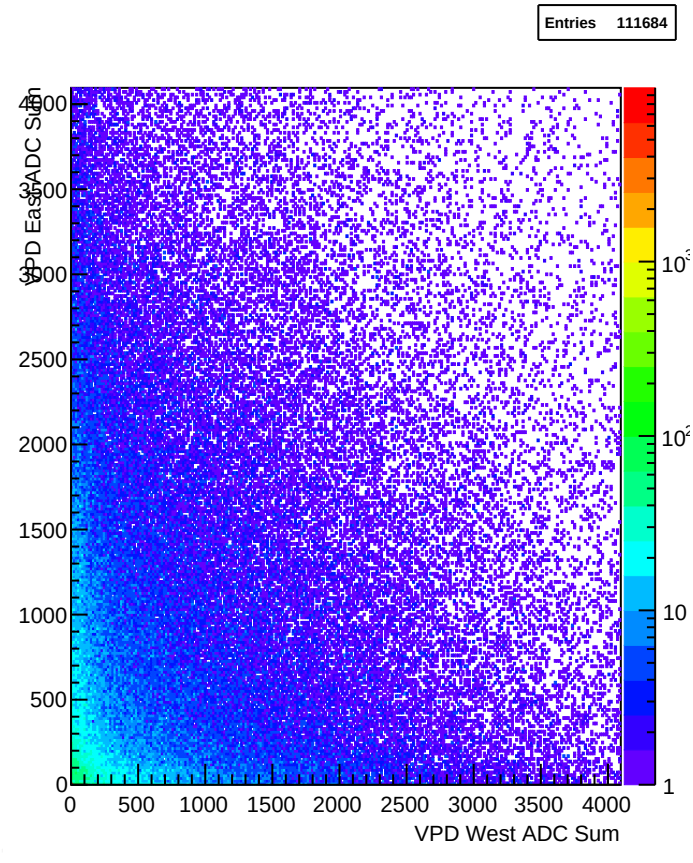

Entries 111684
BBC-S-West ADC Sum
VPD-West ADC Sum

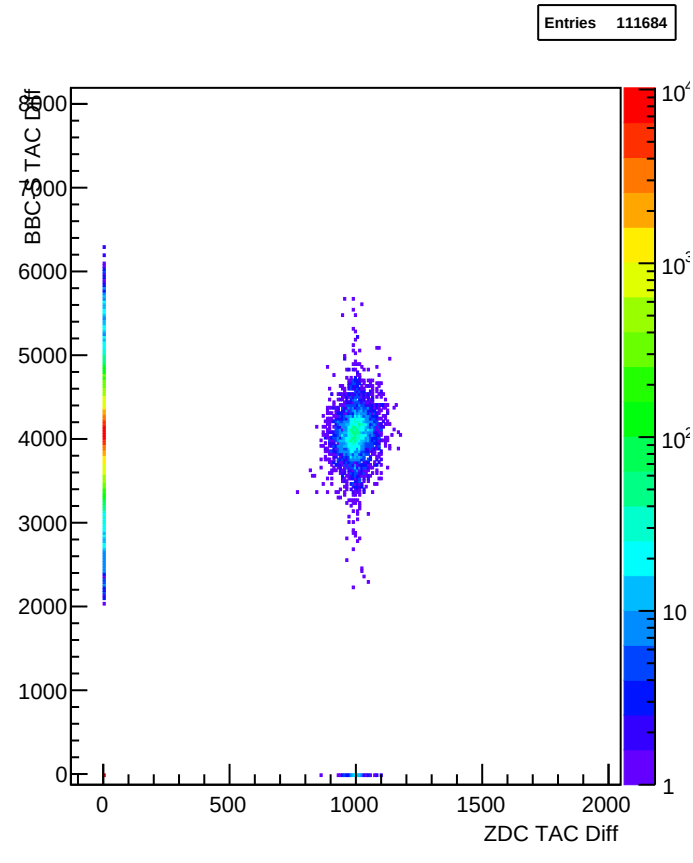

Entries 111684
VPD-East ADC Sum
ZDC-East ADC Sum Att

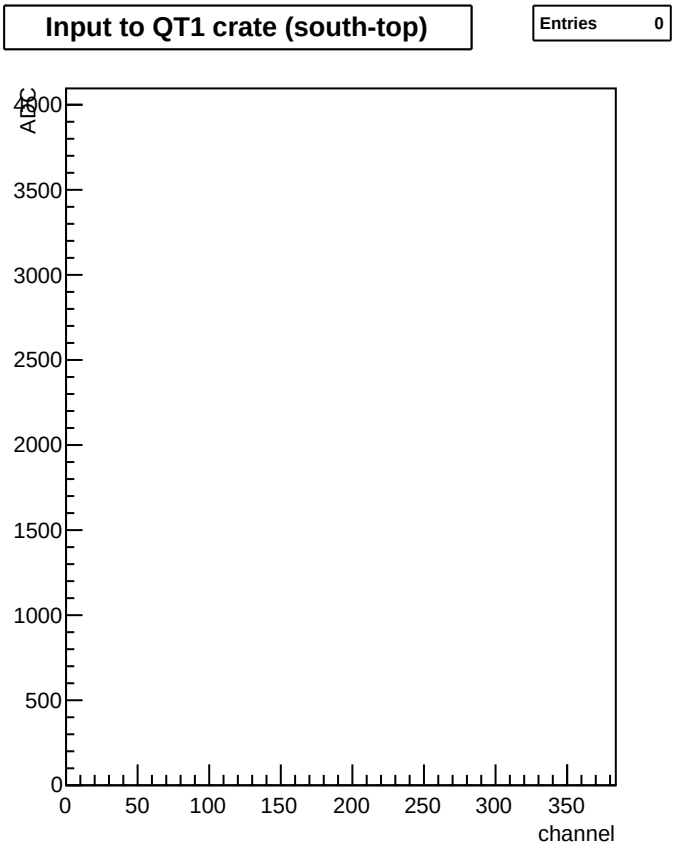

Entries 111684
VPD-West ADC Sum
ZDC-West ADC Sum Att

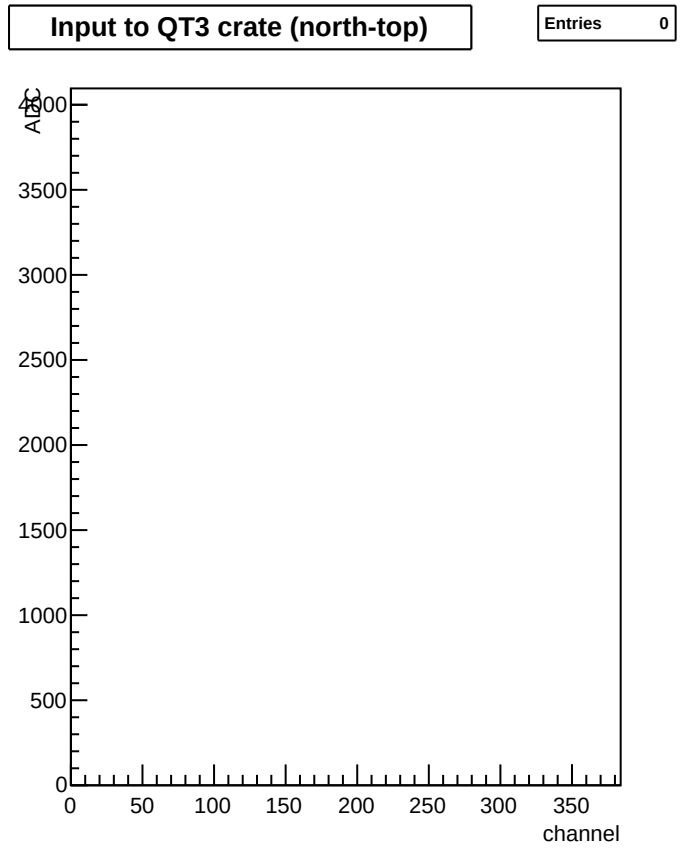

Entries 111684
BBC-S-East ADC Sum
BBC-S-West ADC Sum

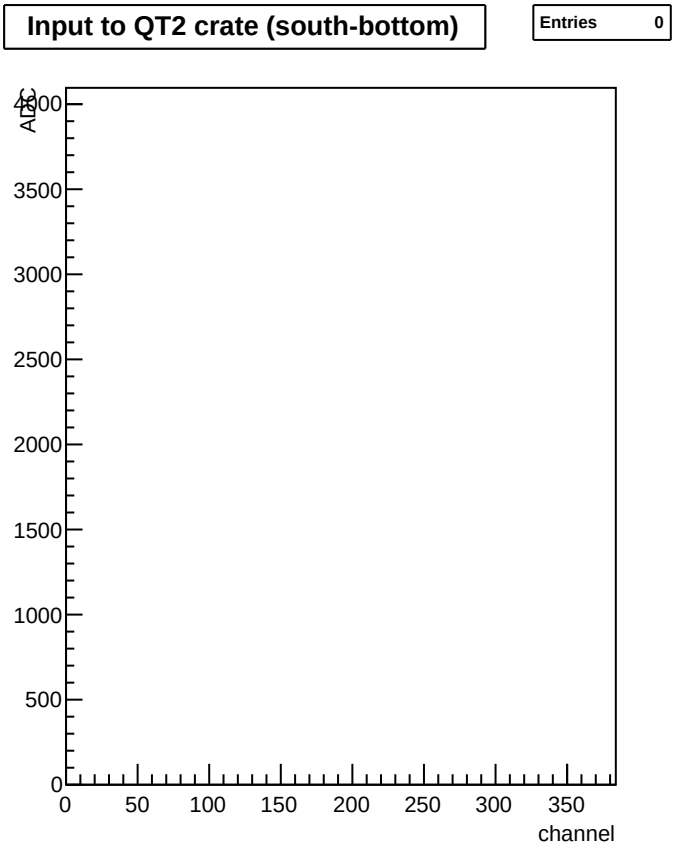

Entries 111684
ZDC East ADC Sum Att
ZDC West ADC Sum Att

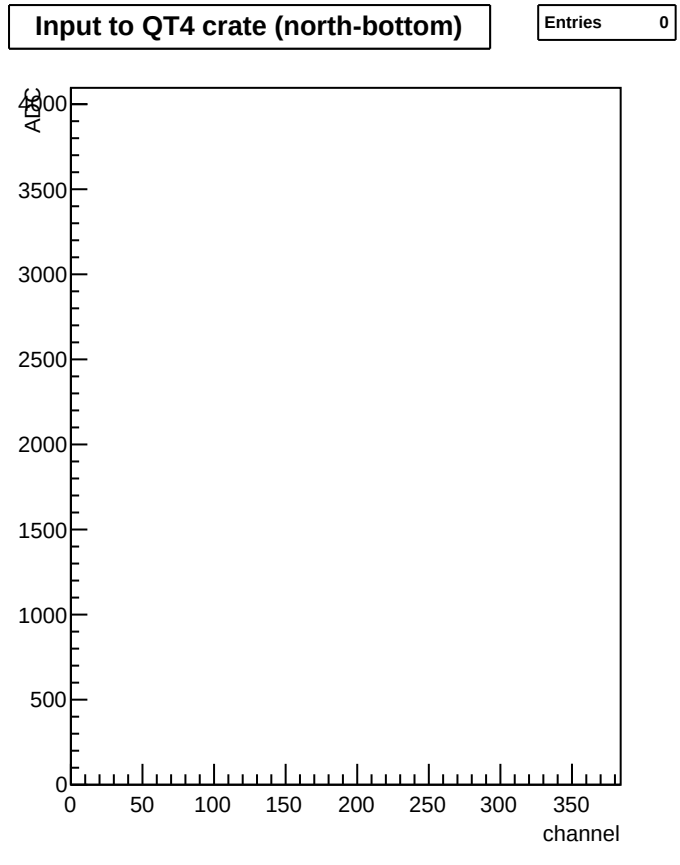

Entries 111684
VPD East ADC Sum
VPD West ADC Sum

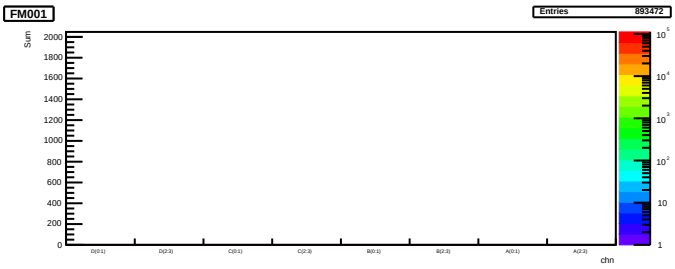

Entries 111684
BBC-S TAC Diff
ZDC TAC Diff

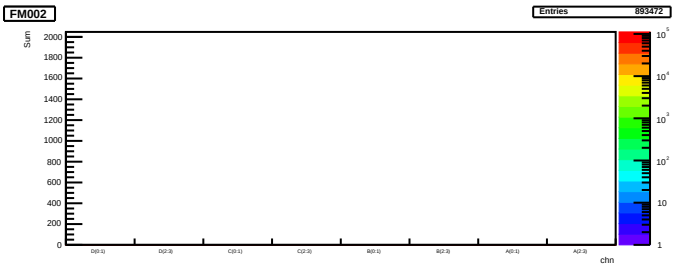

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

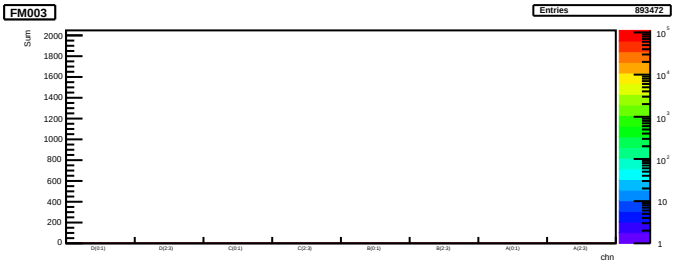

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

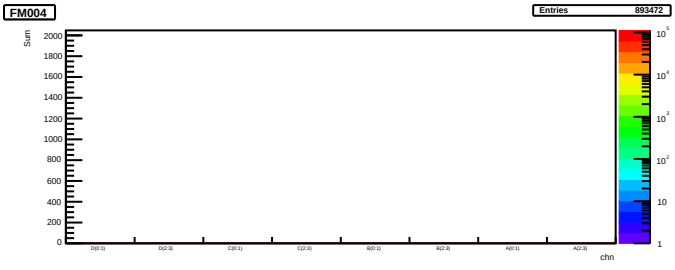

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

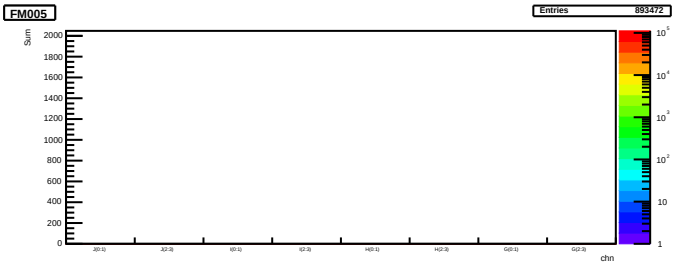

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

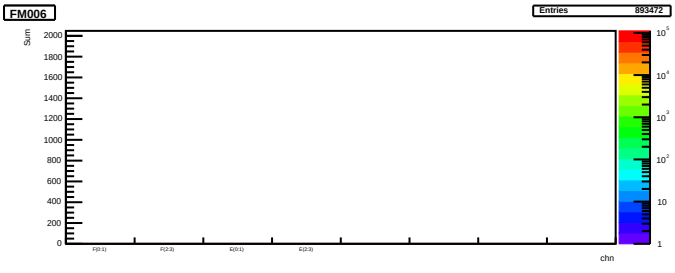

FM001
Entries 893472
Sum
chn

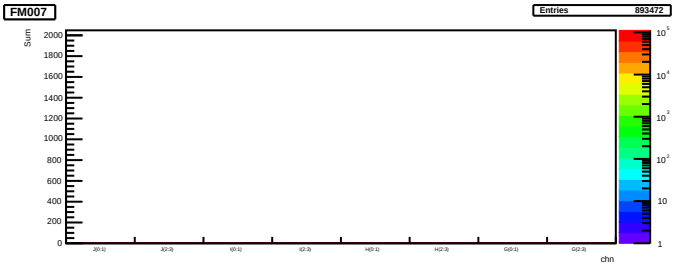

FM002
Entries 893472
Sum
chn

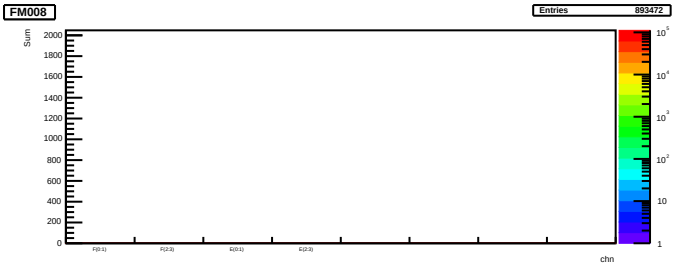

FM003
Entries 893472
Sum
chn

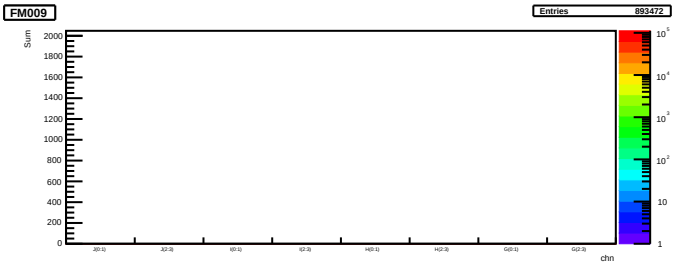

FM004
Entries 893472
Sum
chn

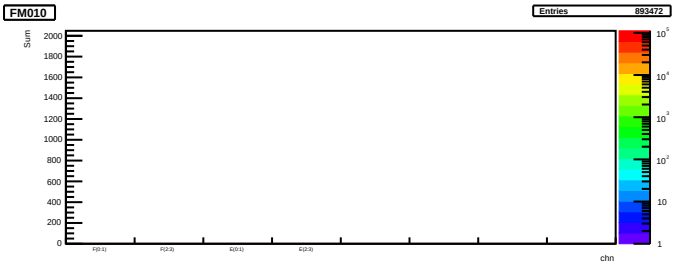

FM005
Entries 893472
Sum
chn

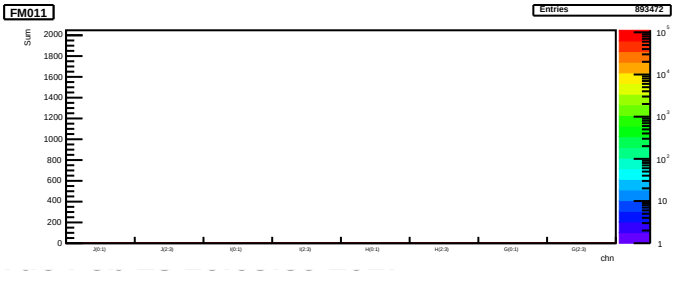

FM006
Entries 893472
Sum
chn

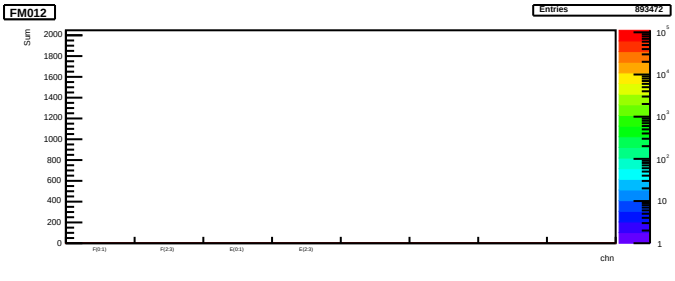

FM007
Entries 893472
Sum
chn

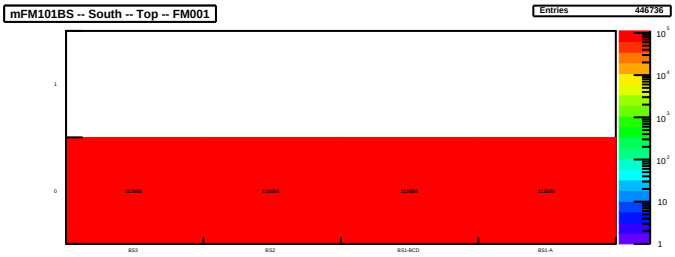

FM008
Entries 893472
Sum
chn


FM009
Entries 893472
Sum
chn


FM010
Entries 893472
Sum
chn


FM011
Entries 893472
Sum
chn


FM012
Entries 893472
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 446736
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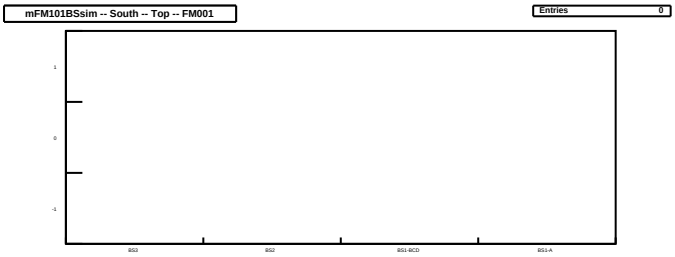
BS2
BS1-BCD
BS1-A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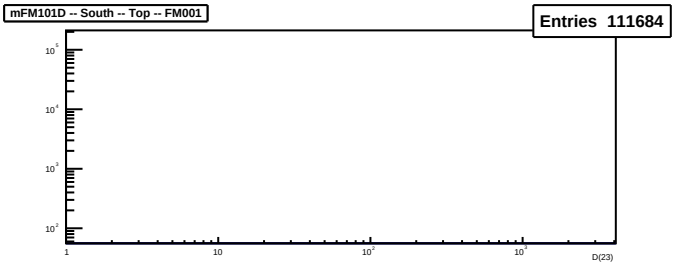
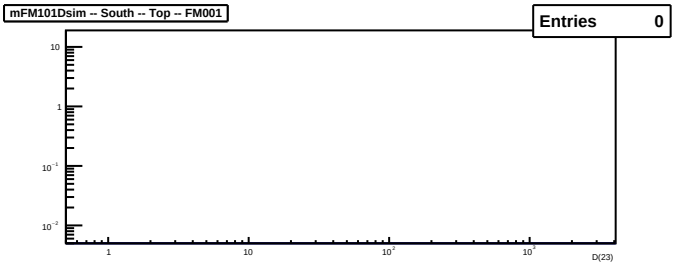
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 111684
D(23)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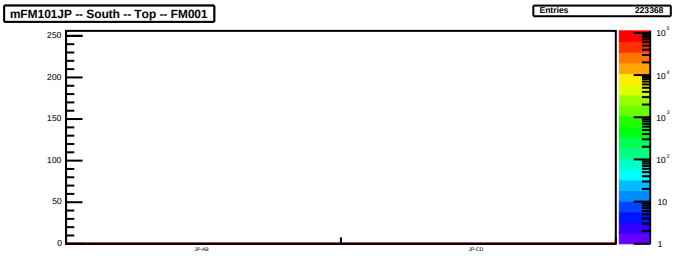
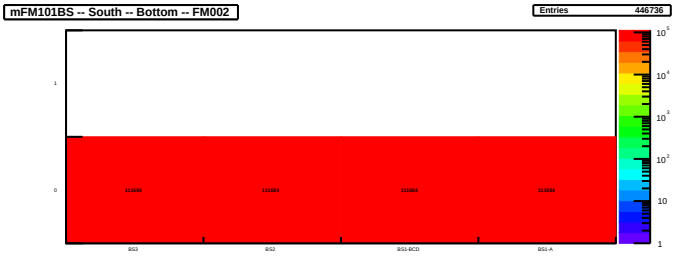
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 223368
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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Entries 446736
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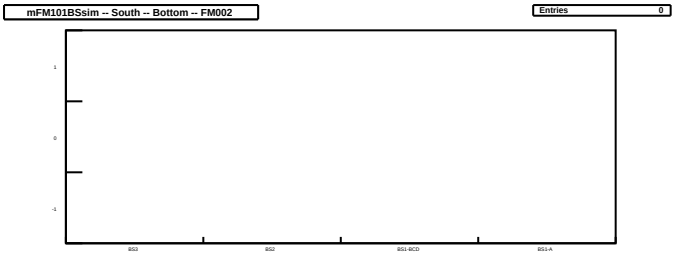
BS2
BS1-BCD
BS1-A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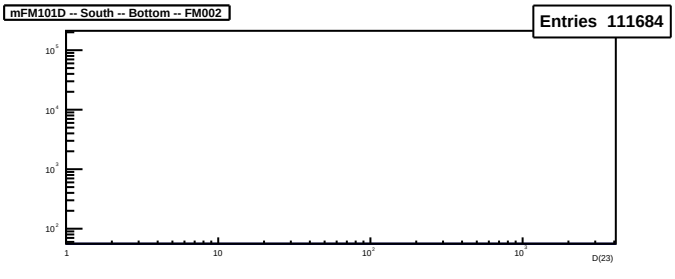
Entries 0
BS3
BS2
BS1-BCD
BS1-A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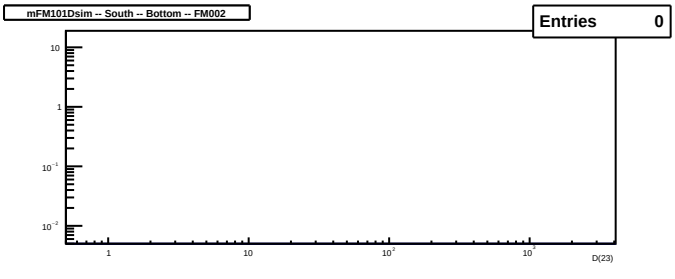
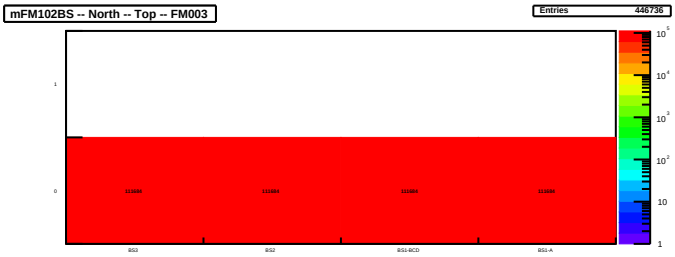
Entries 111684
D(23)

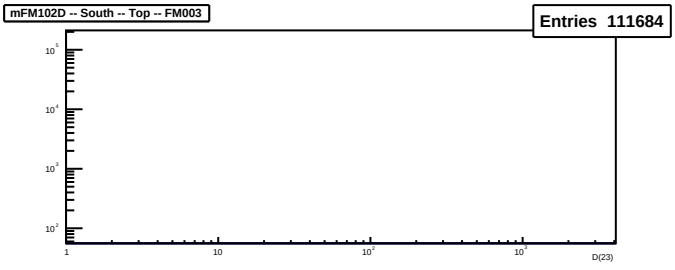

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 223368
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 446736
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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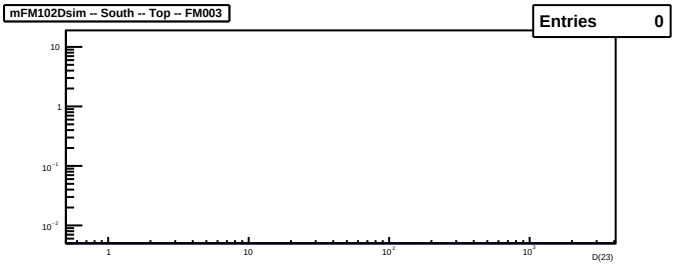
Entries 111684
D(23)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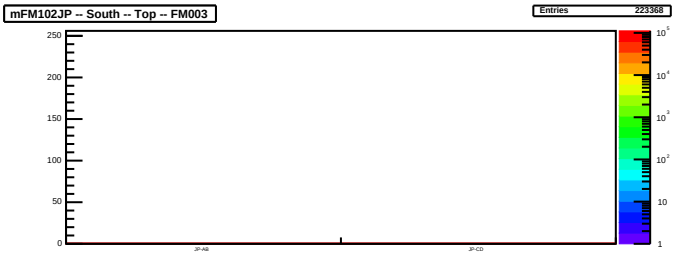
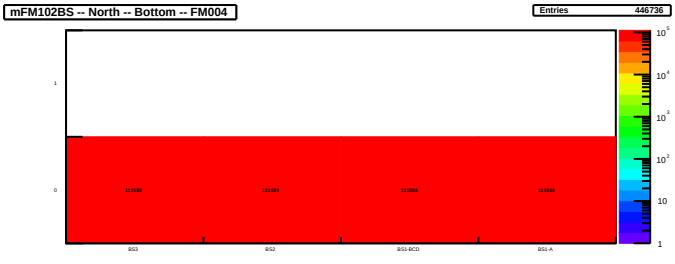
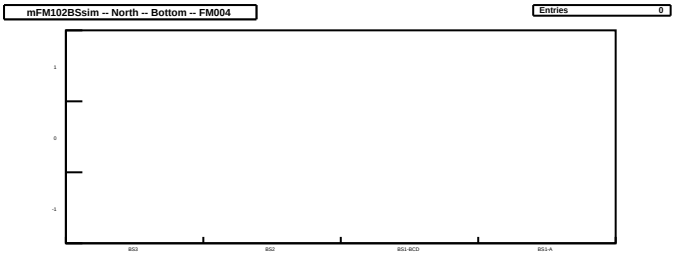
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 223368
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 446736
BS3
BS2
BS1-BCD
BS1-A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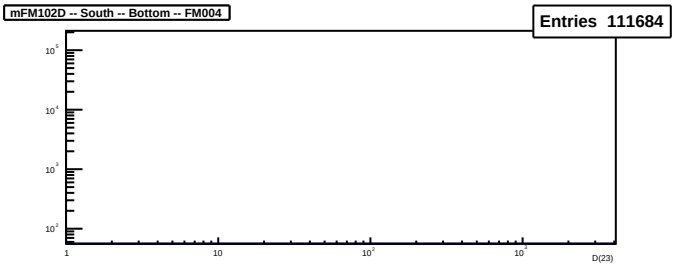
Entries 0
BS3
BS2
BS1-BCD
BS1-A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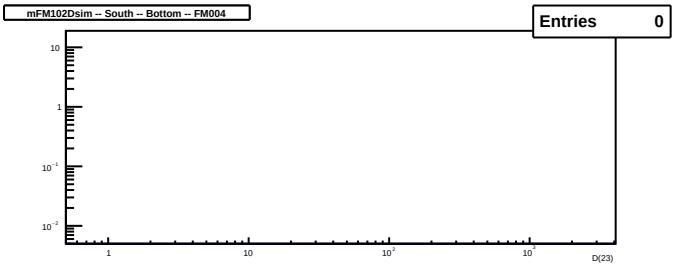
Entries 111684
D(23)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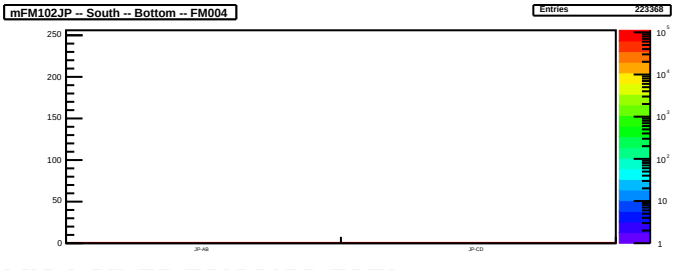
D(23)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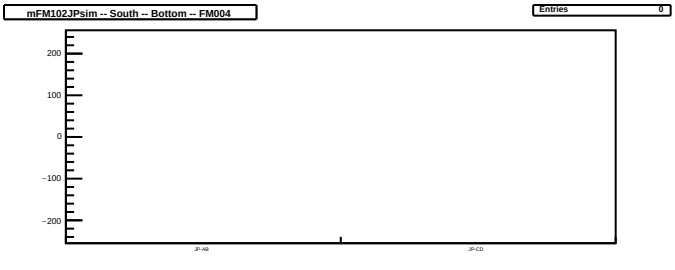
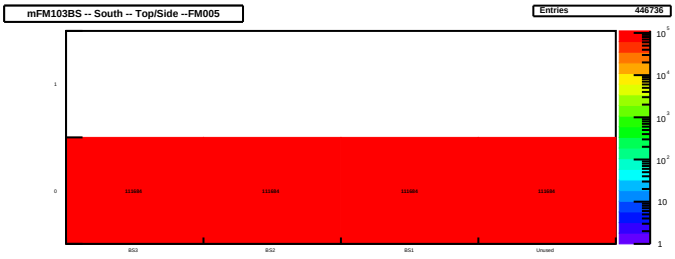
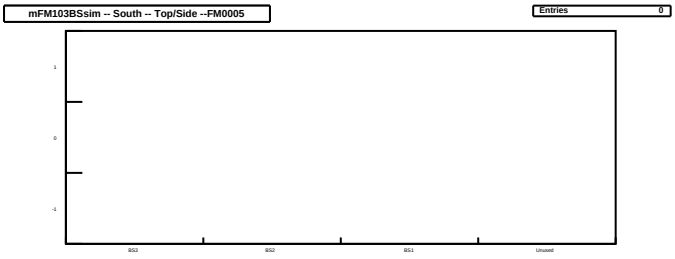
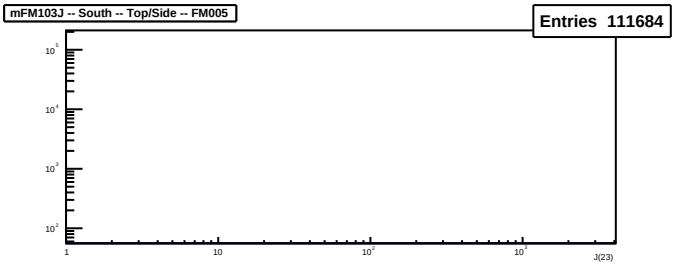
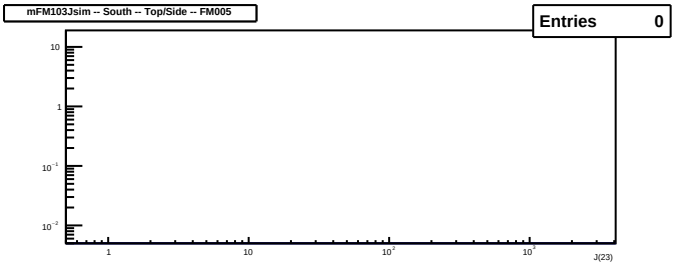
Entries 223368
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 111684
J(23)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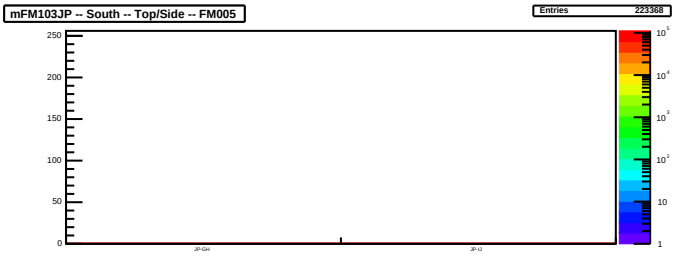
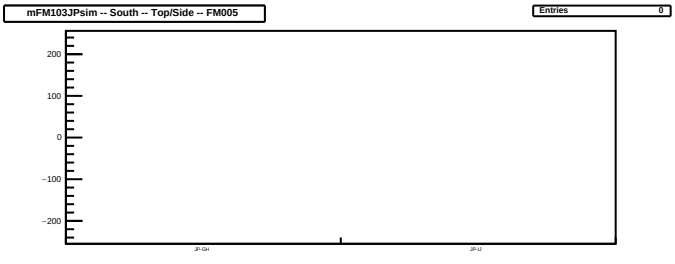
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 223368
JP-GH
JP-U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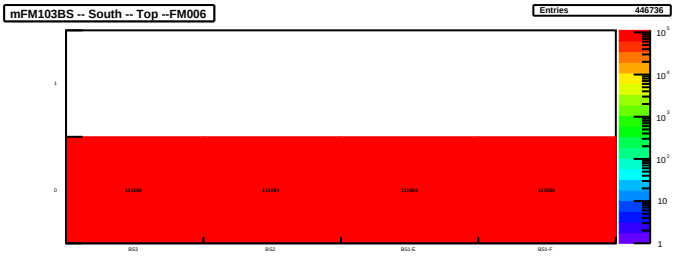
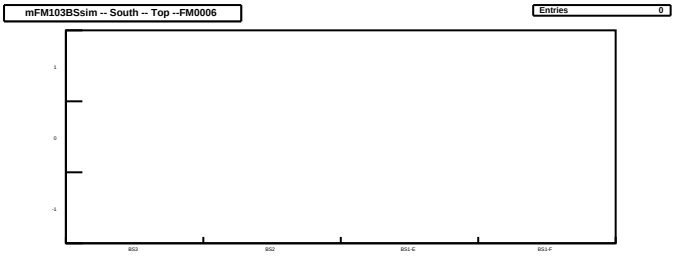
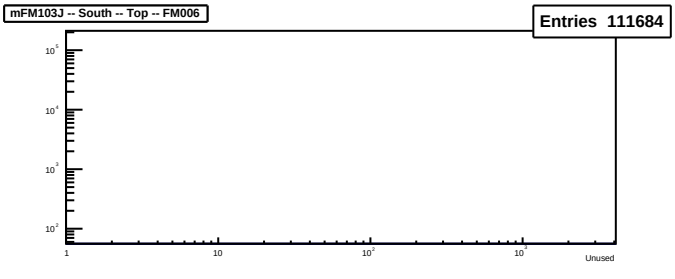
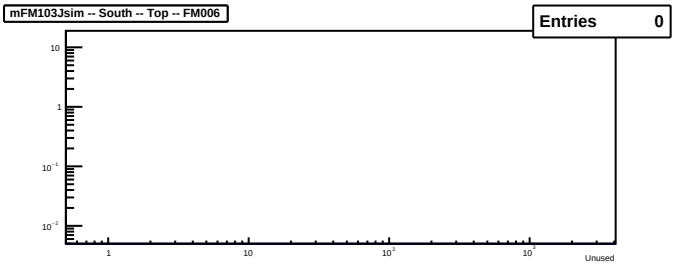
Entries 0
JP-GH
JP-U

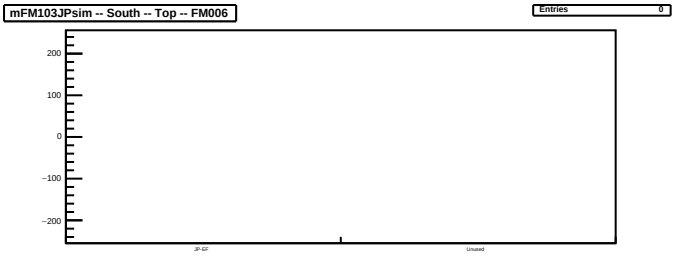

mFM103BS -- South -- Top --FM006
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 111684
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 223368
JP-EF
Unused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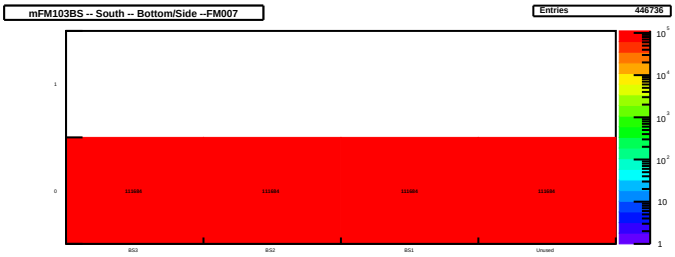
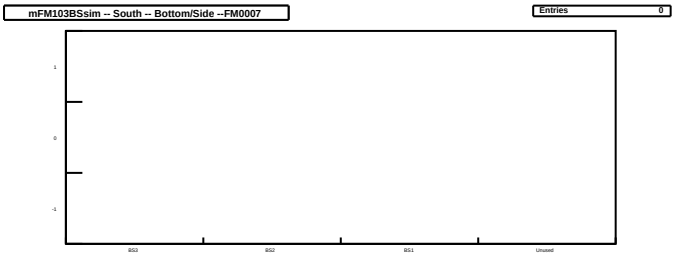
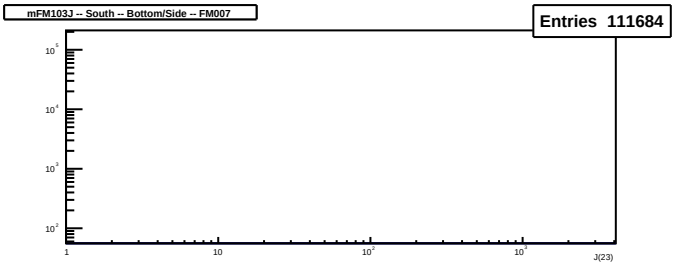
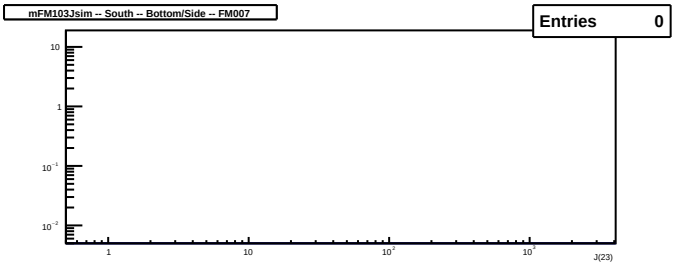
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 111684
J(23)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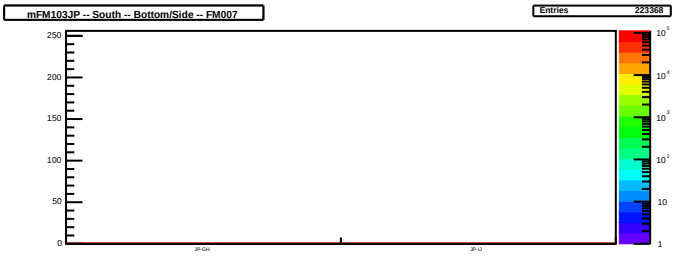
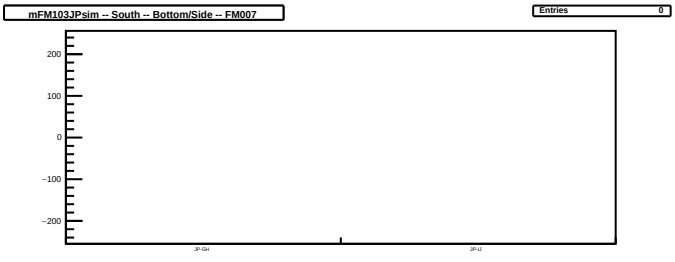
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 223368
JP-GH
JP-IJ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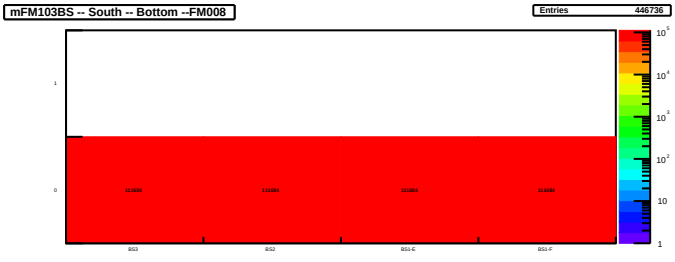
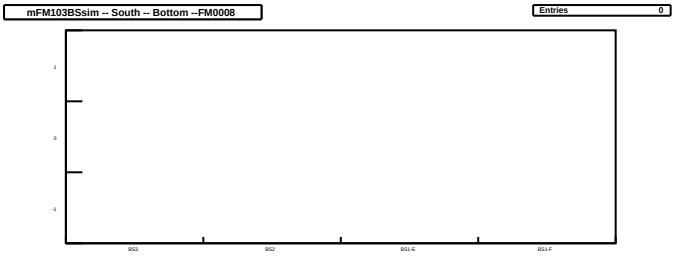
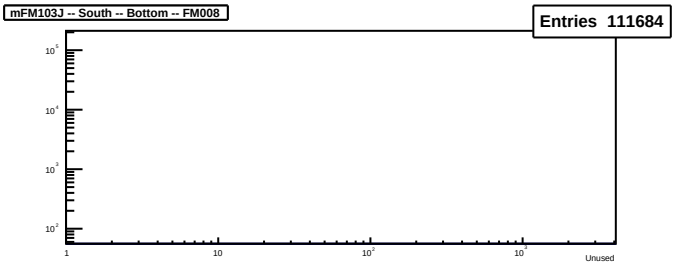
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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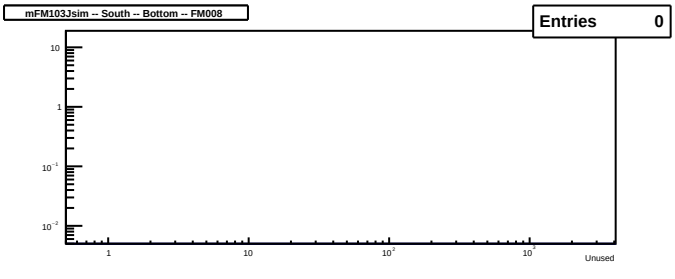
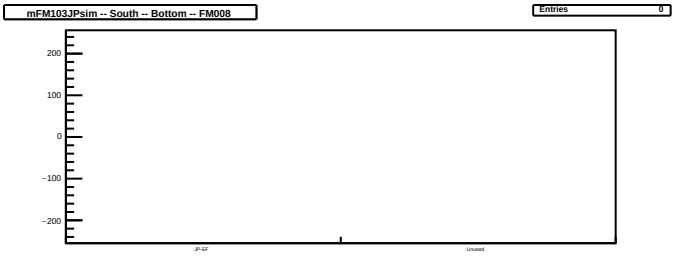
Entries 111684
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 223368
JP-EF
Unused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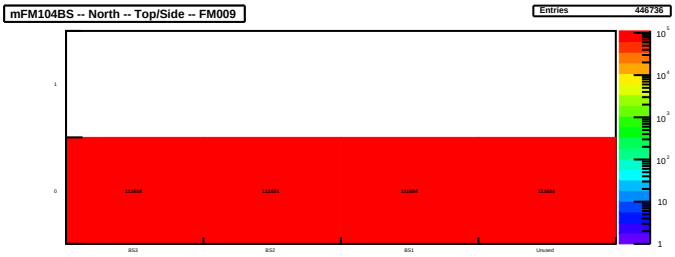
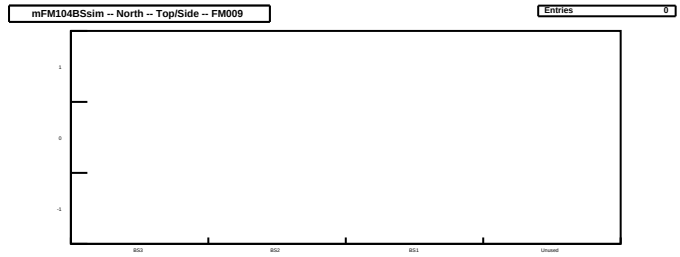
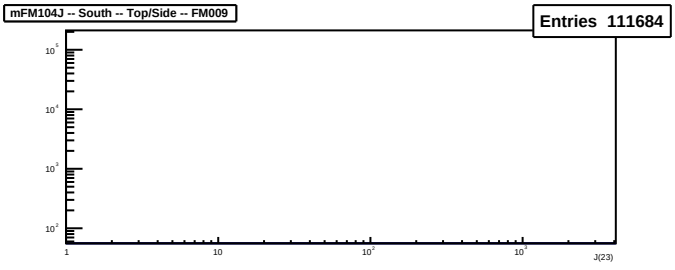
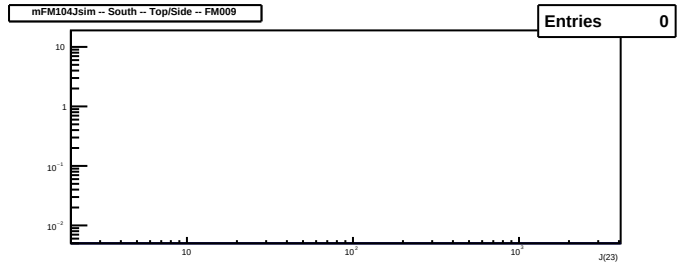
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 446736
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 111684
J(23)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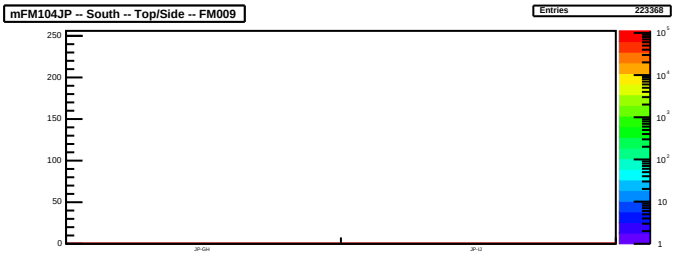
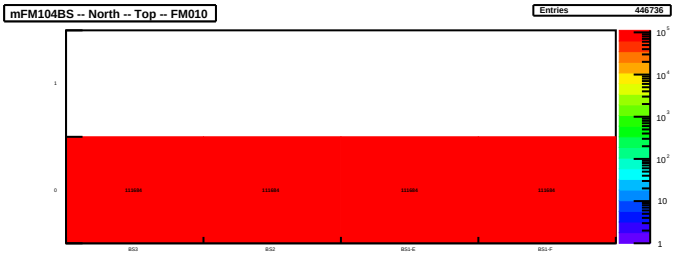
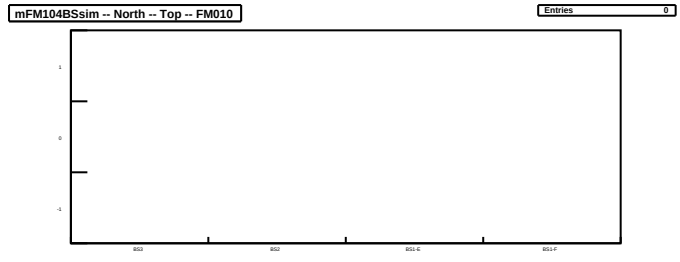
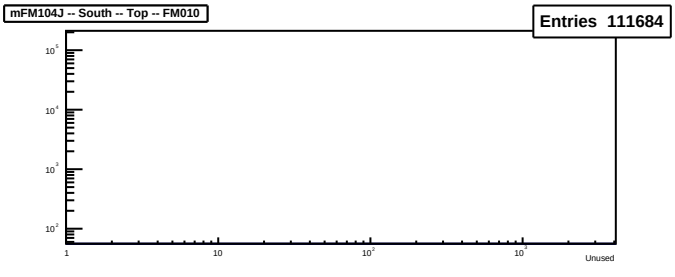
Entries 0
J(23)

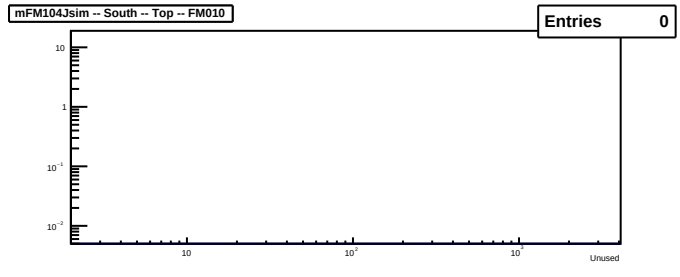

mFM104JP -- South -- Top/Side -- FM009
Entries 223368
JP-GH
JP-IJ

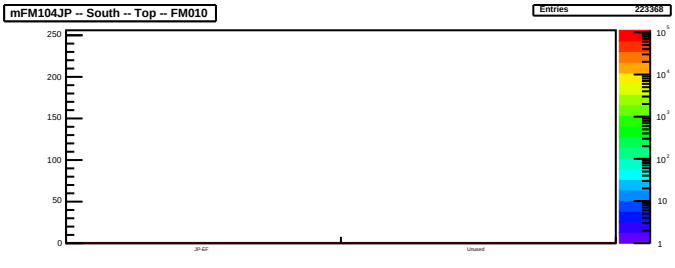
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 446736
BS3
BS2
BS1-E
BS1-F

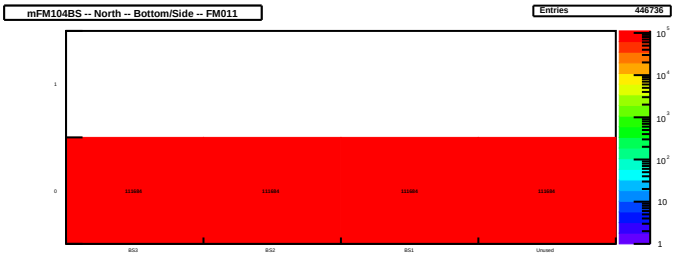

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

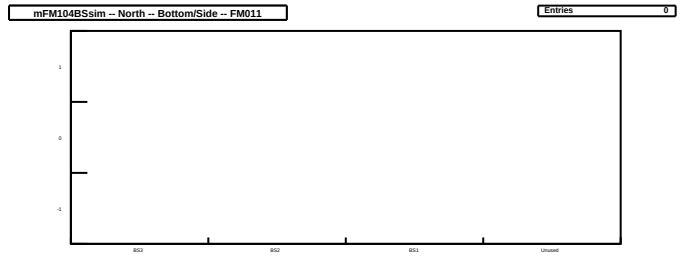

mFM104J -- South -- Top -- FM010
Entries 111684
Unused

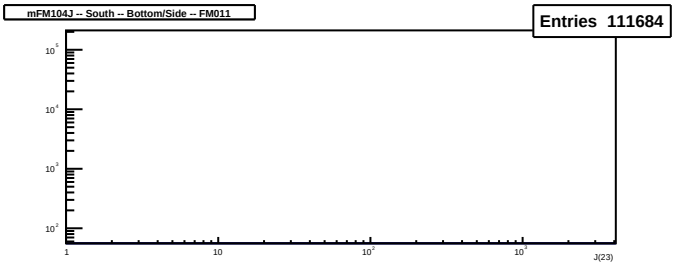

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

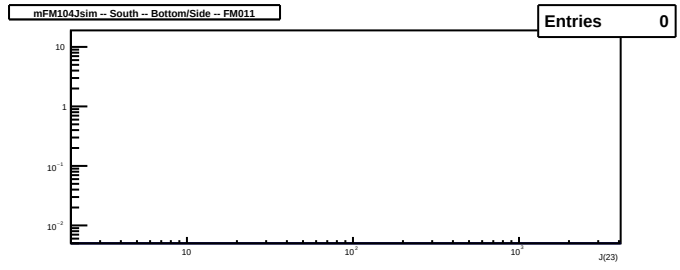

mFM104JP -- South -- Top -- FM010
Entries 223368
JP-EF
Unused

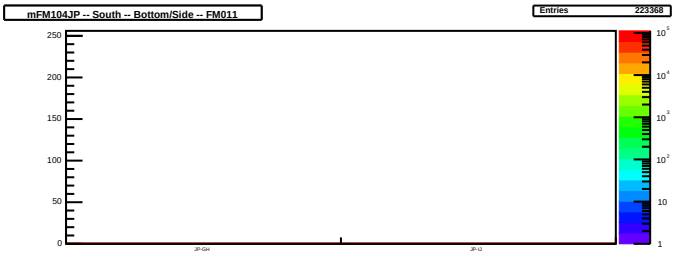
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

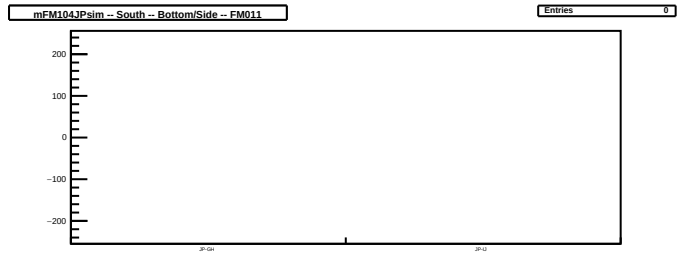

mFM104BS -- North -- Bottom/Side -- FM011
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1
Unused

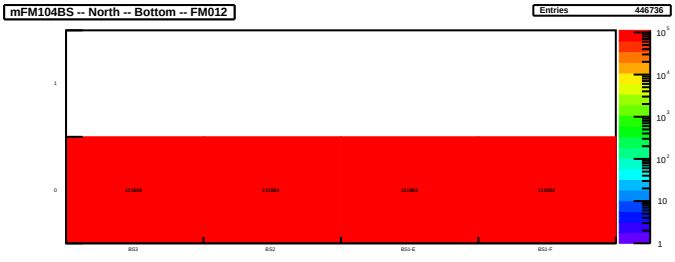

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

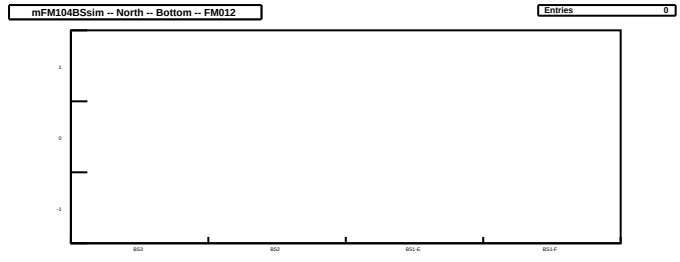

mFM104J -- South -- Bottom/Side -- FM011
Entries 111684
J(23)

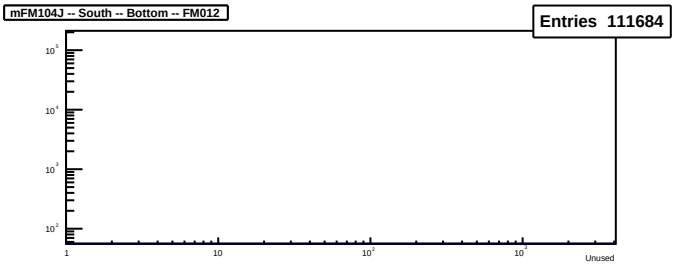

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

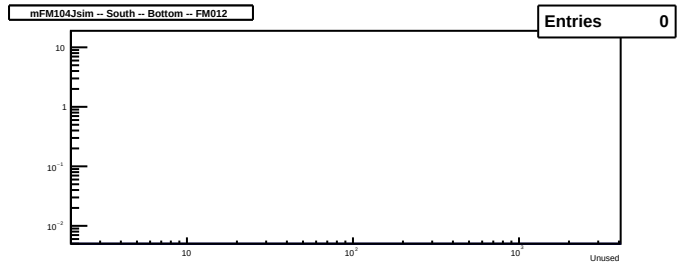

mFM104JP -- South -- Bottom/Side -- FM011
Entries 223368
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 446736
111684
111684
111684
111684
BS3
BS2
BS1-E
BS1-F

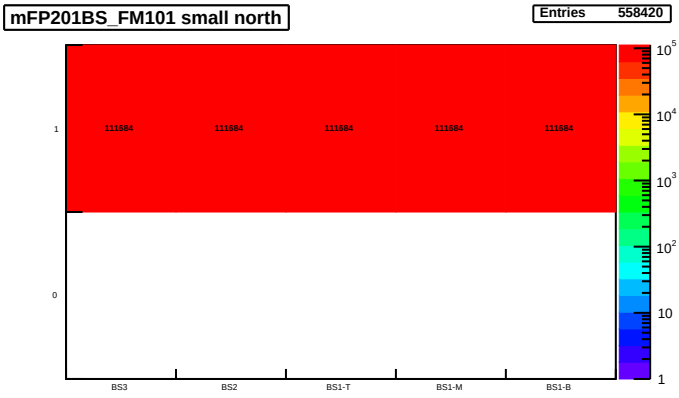

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

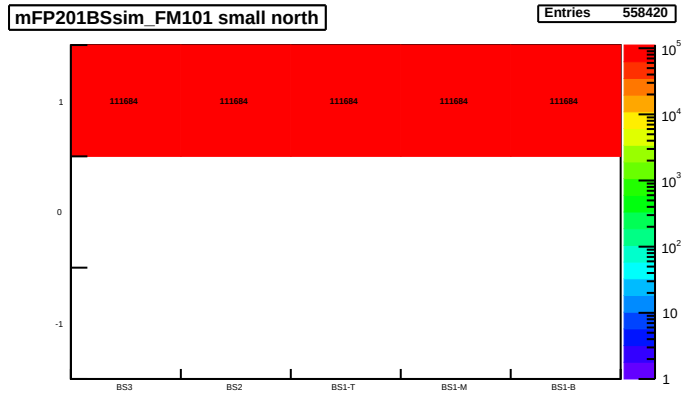

mFM104J -- South -- Bottom -- FM012
Entries 111684
Unused

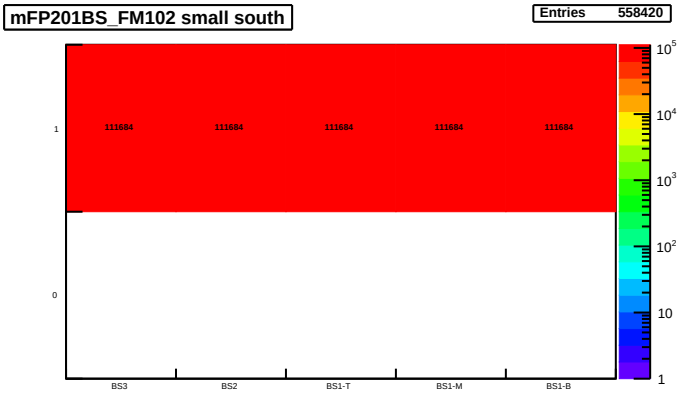

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

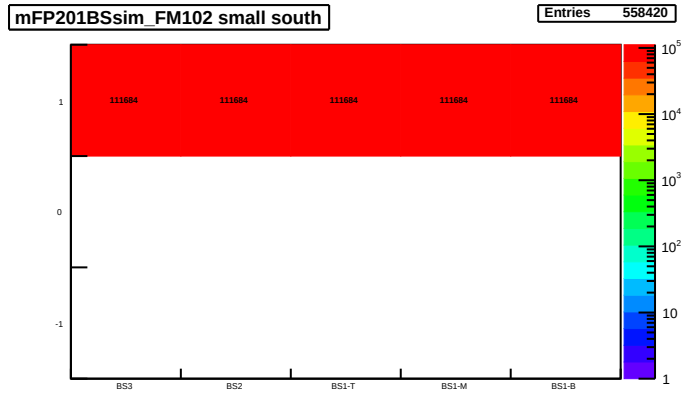
mFM104JP -- South -- Bottom -- FM012
Entries 223368
JP-EF
Unused

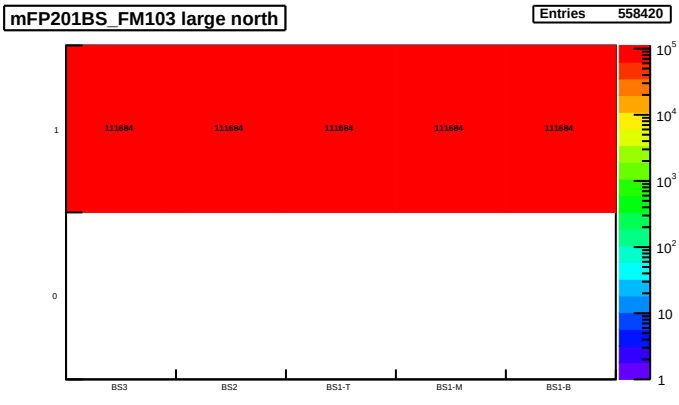
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

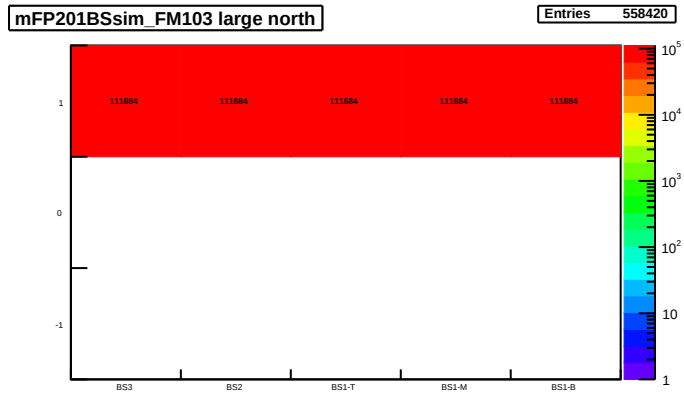

mFP201BS_FM101 small north
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

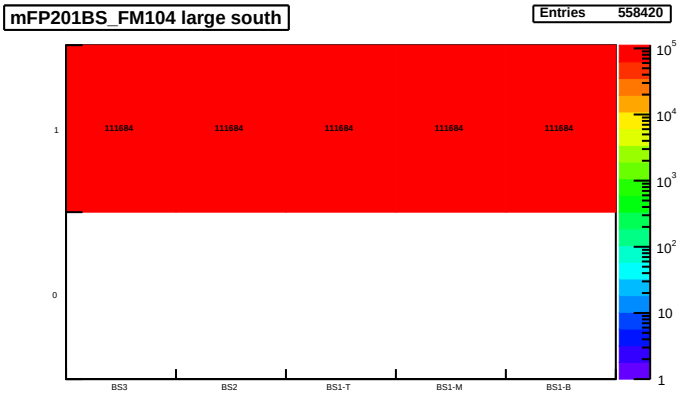

mFP201BSsim_FM101 small north
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

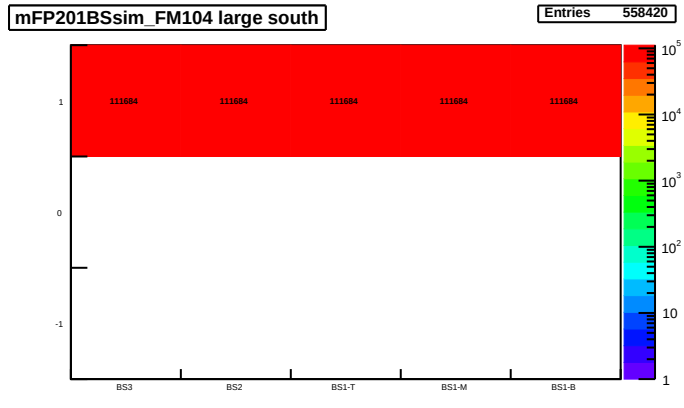

mFP201BS_FM102 small south
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

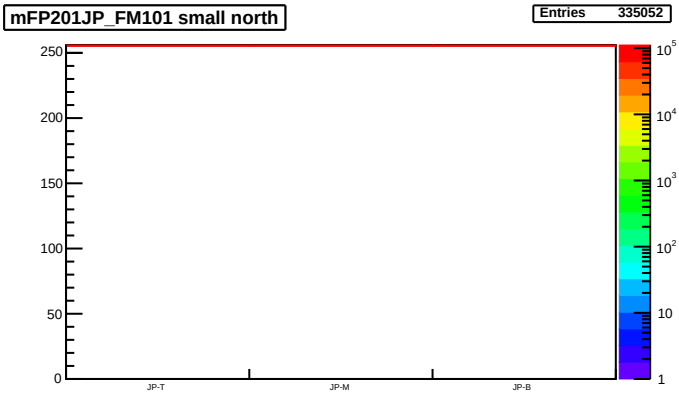

mFP201BSsim_FM102 small south
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

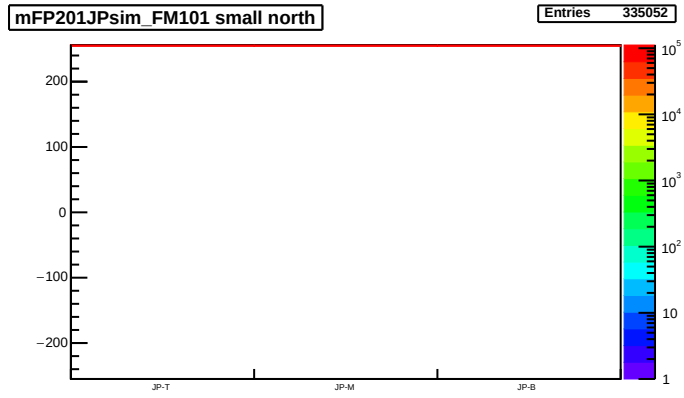

mFP201BS_FM103 large north
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

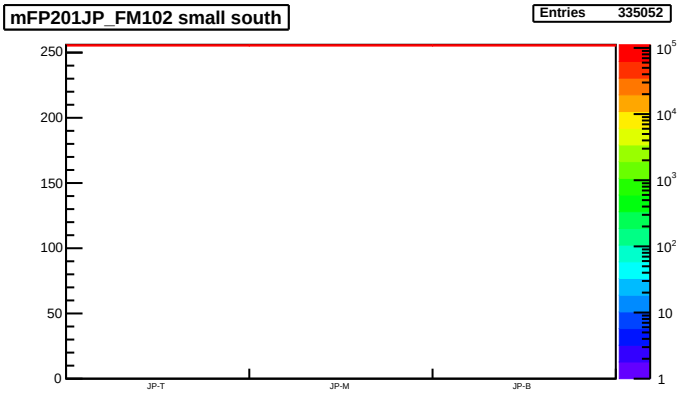

mFP201BSsim_FM103 large north
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

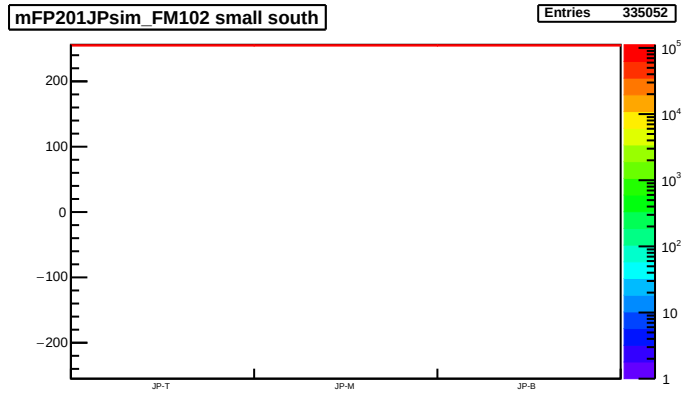

mFP201BS_FM104 large south
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

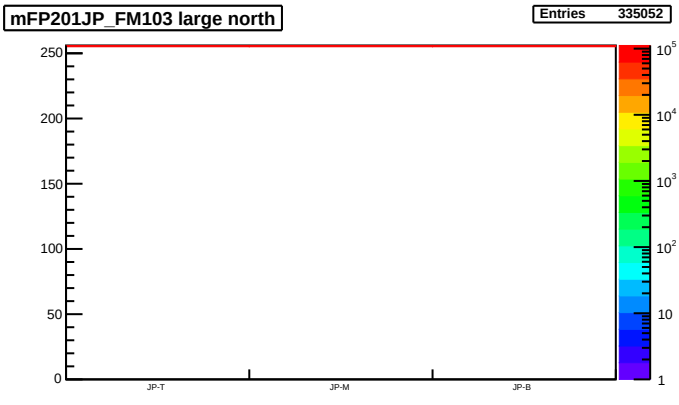

mFP201BSsim_FM104 large south
Entries 558420
111684
BS3
BS2
BS1-T
BS1-M
BS1-B

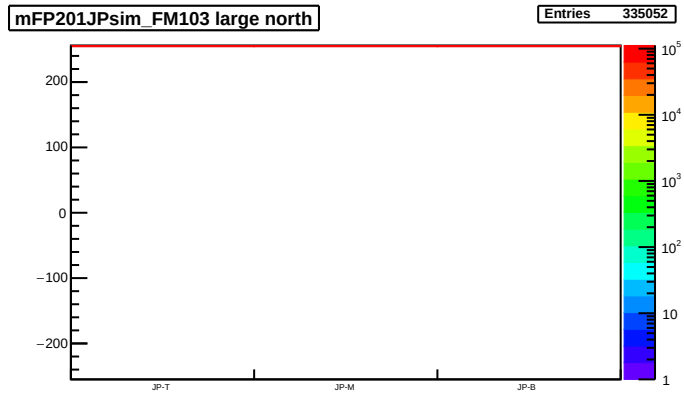

mFP201JP_FM101 small north
Entries 335052
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

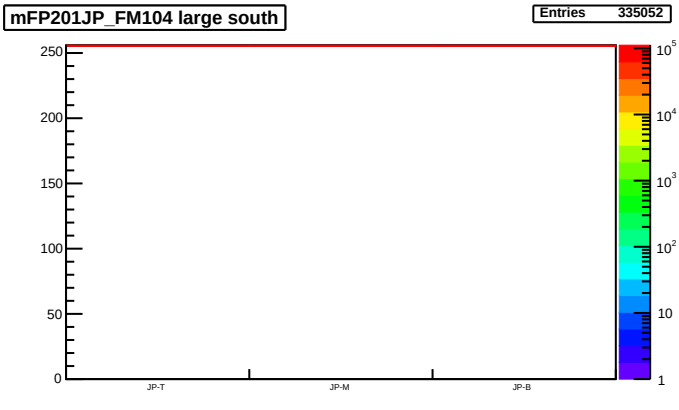

mFP201JPsim_FM101 small north
Entries 335052
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

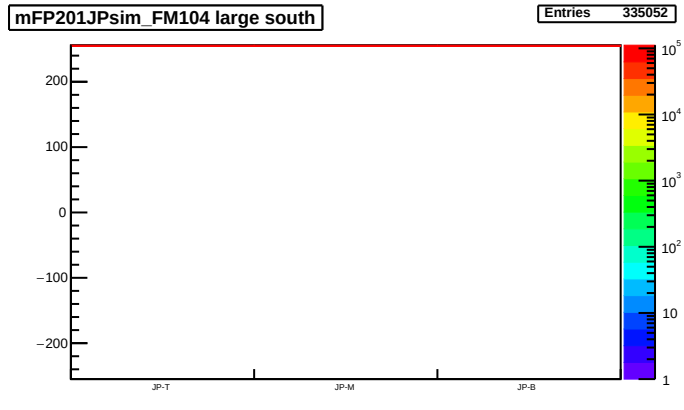

mFP201JP_FM102 small south
Entries 335052
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

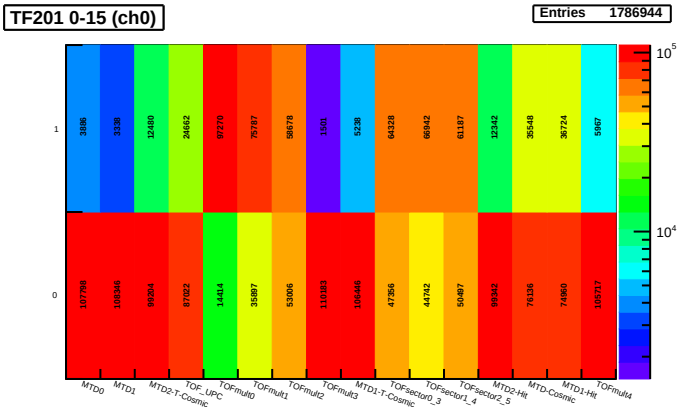

mFP201JPsim_FM102 small south
Entries 335052
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

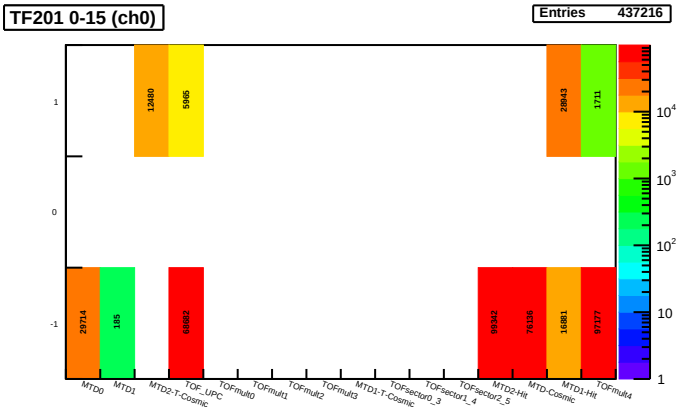

mFP201JP_FM103 large north
Entries 335052
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

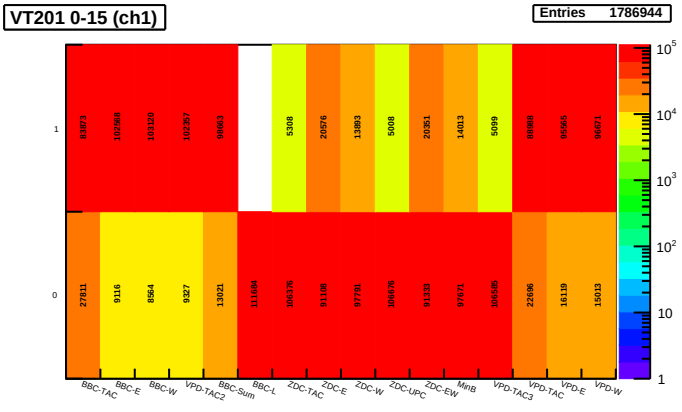

mFP201JPsim_FM103 large north
Entries 335052
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

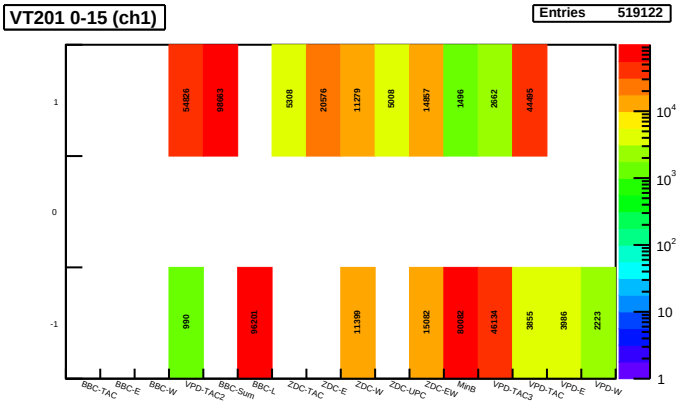

mFP201JP_FM104 large south
Entries 335052
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

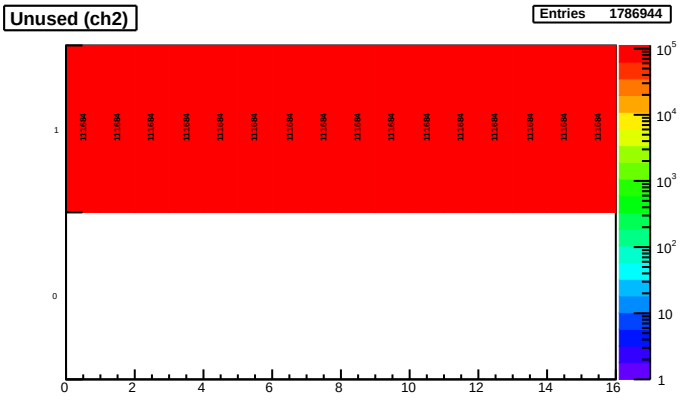

mFP201JPsim_FM104 large south
Entries 335052
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

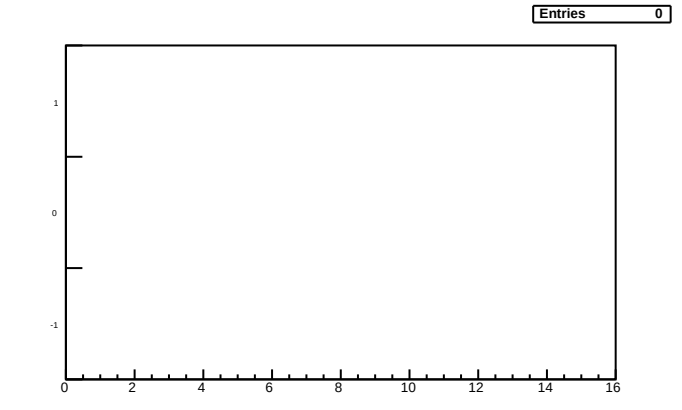

TF201 0-15 (ch0)
Entries 1786944
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

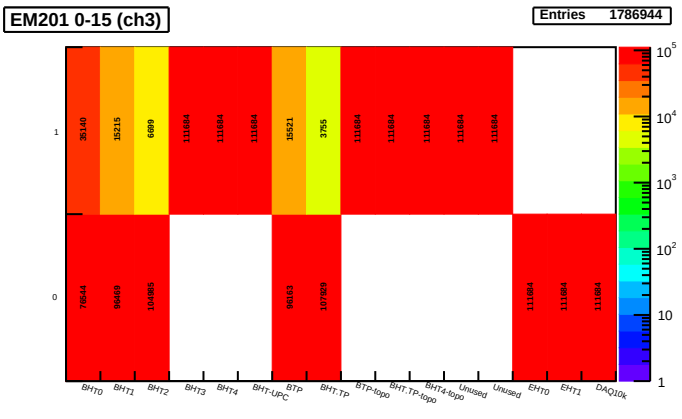

TF201 0-15 (ch0)
Entries 437216
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

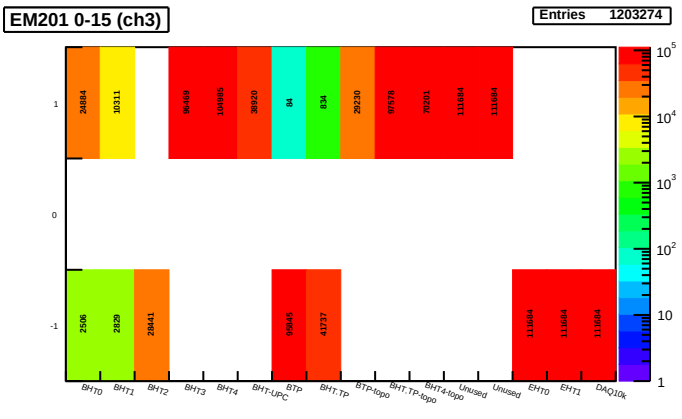

VT201 0-15 (ch1)
Entries 1786944
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

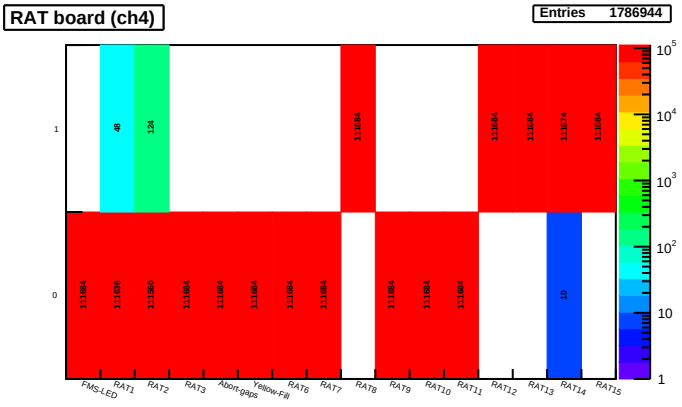

VT201 0-15 (ch1)
Entries 519122
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

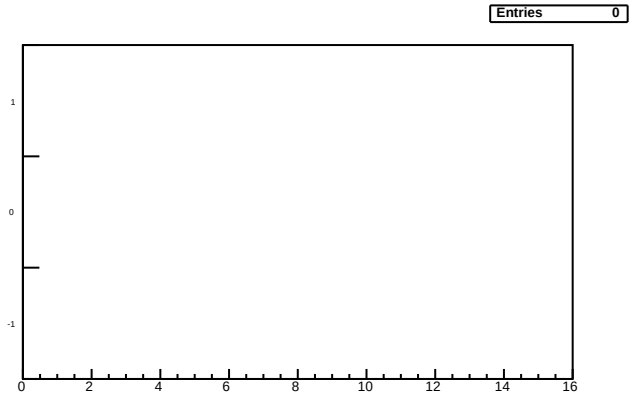

Unused (ch2)
Entries 1786944

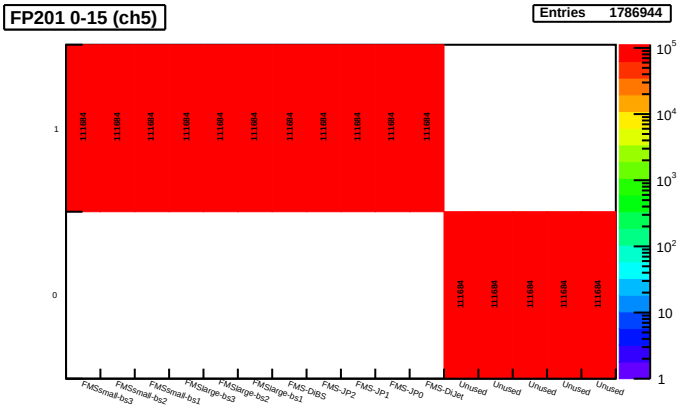

Entries 0

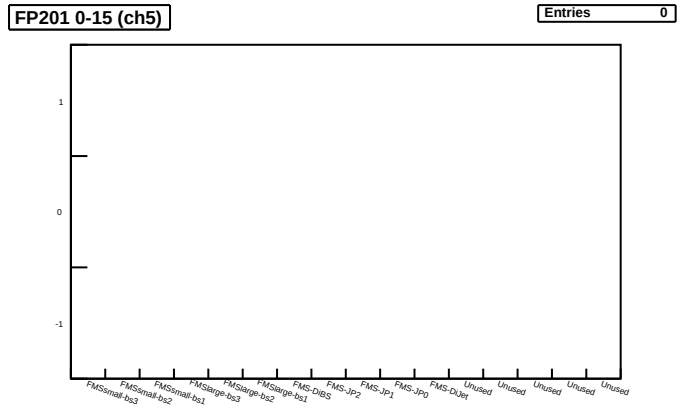

EM201 0-15 (ch3)
Entries 1786944
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T.TP BTP-topo BH1T.TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k

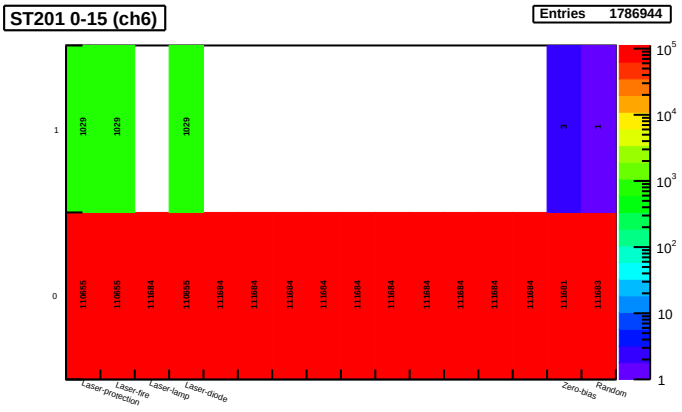

EM201 0-15 (ch3)
Entries 1203274
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T.TP BTP-topo BH1T.TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k

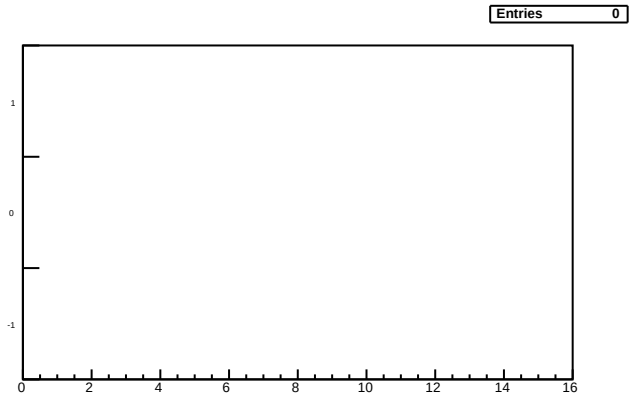

RAT board (ch4)
Entries 1786944
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

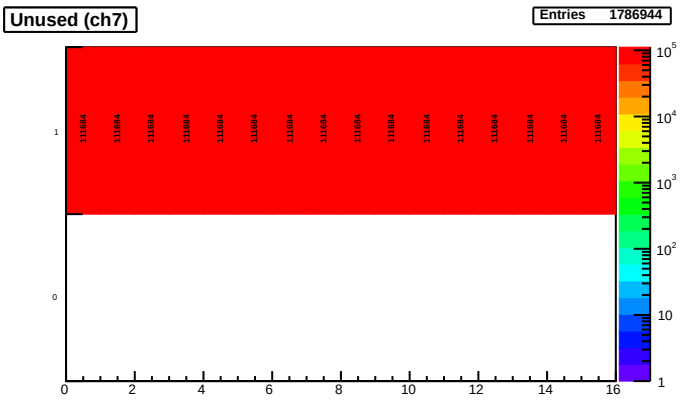

Entries 0

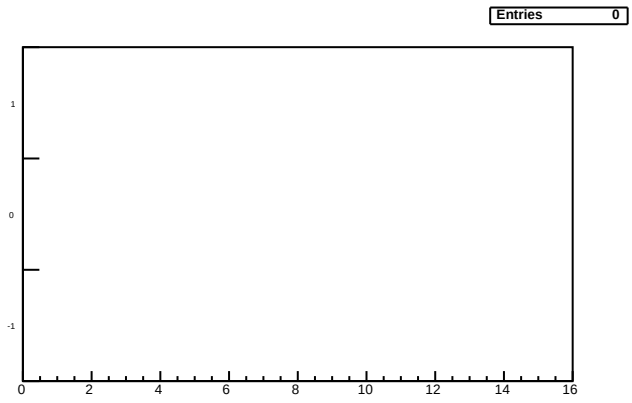

FP201 0-15 (ch5)
Entries 1786944
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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 1786944
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 1786944


Entries 0