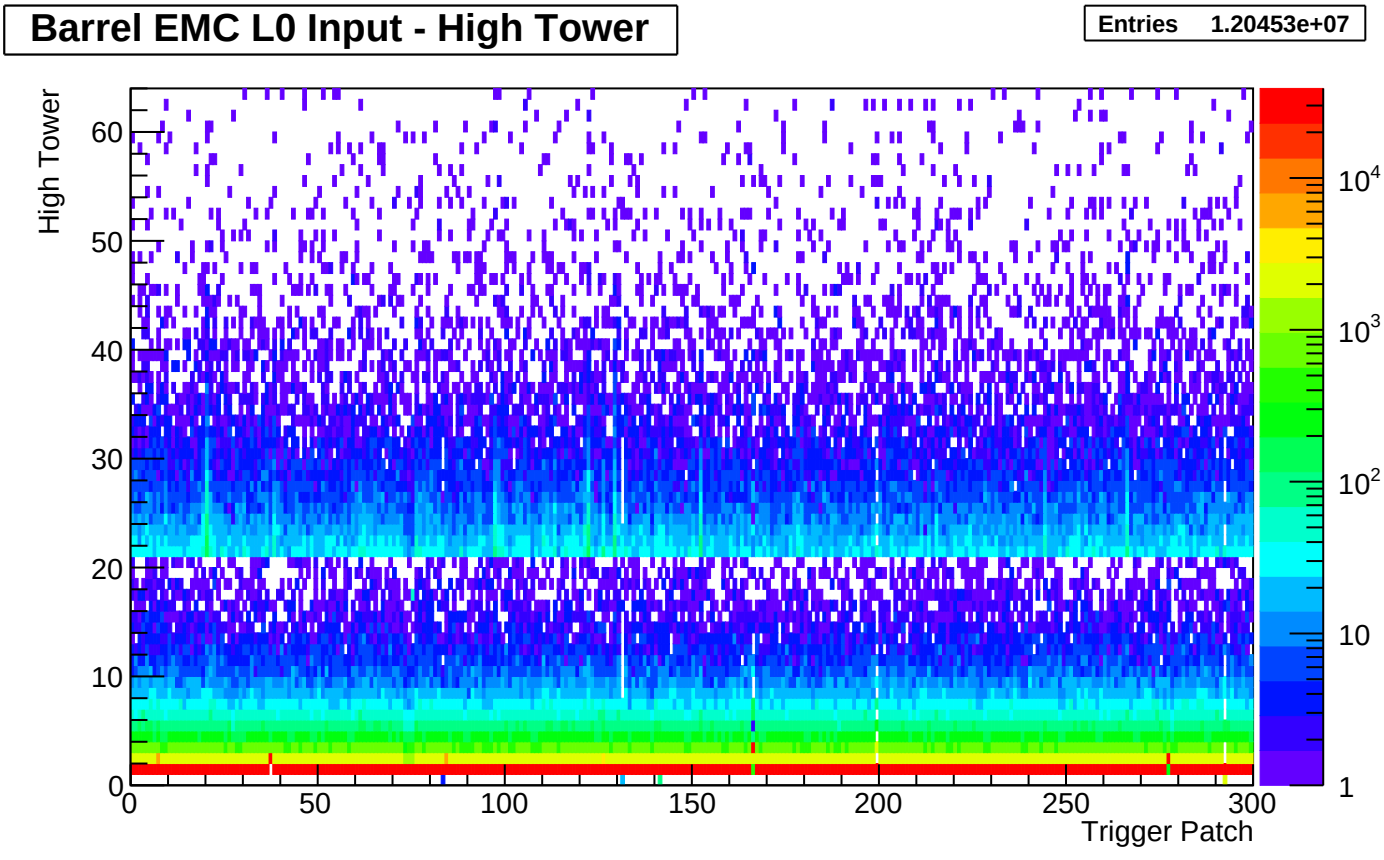
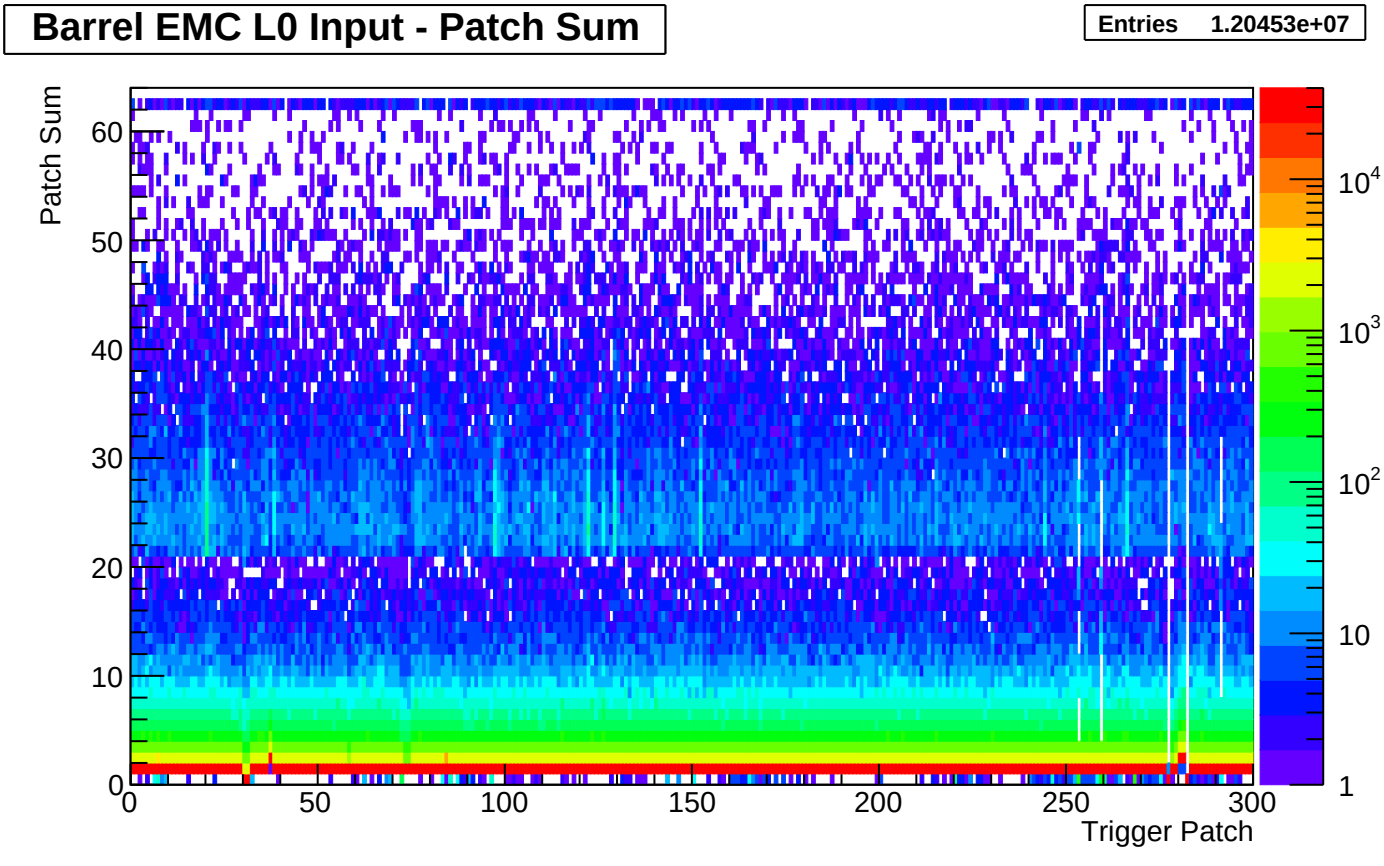
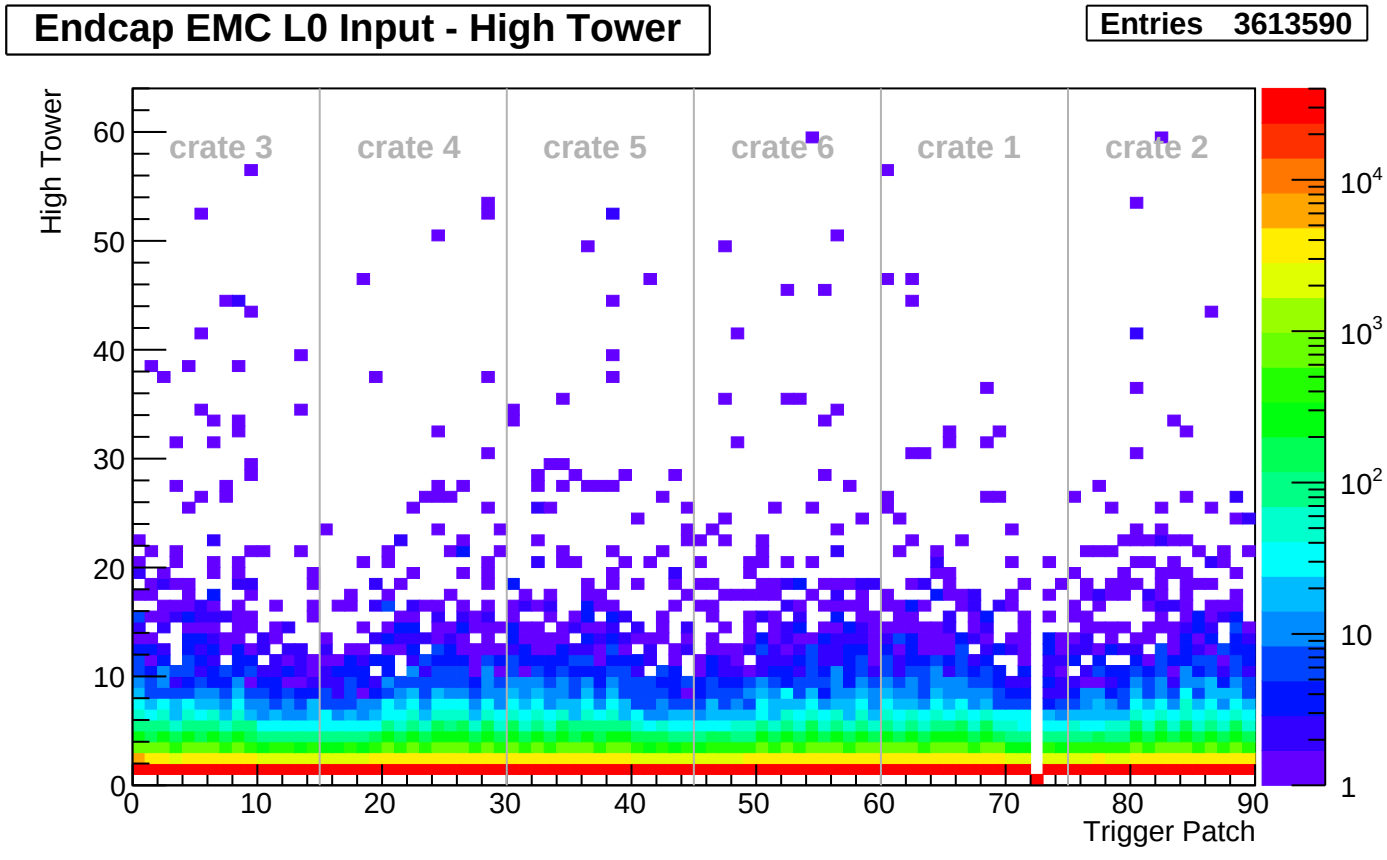
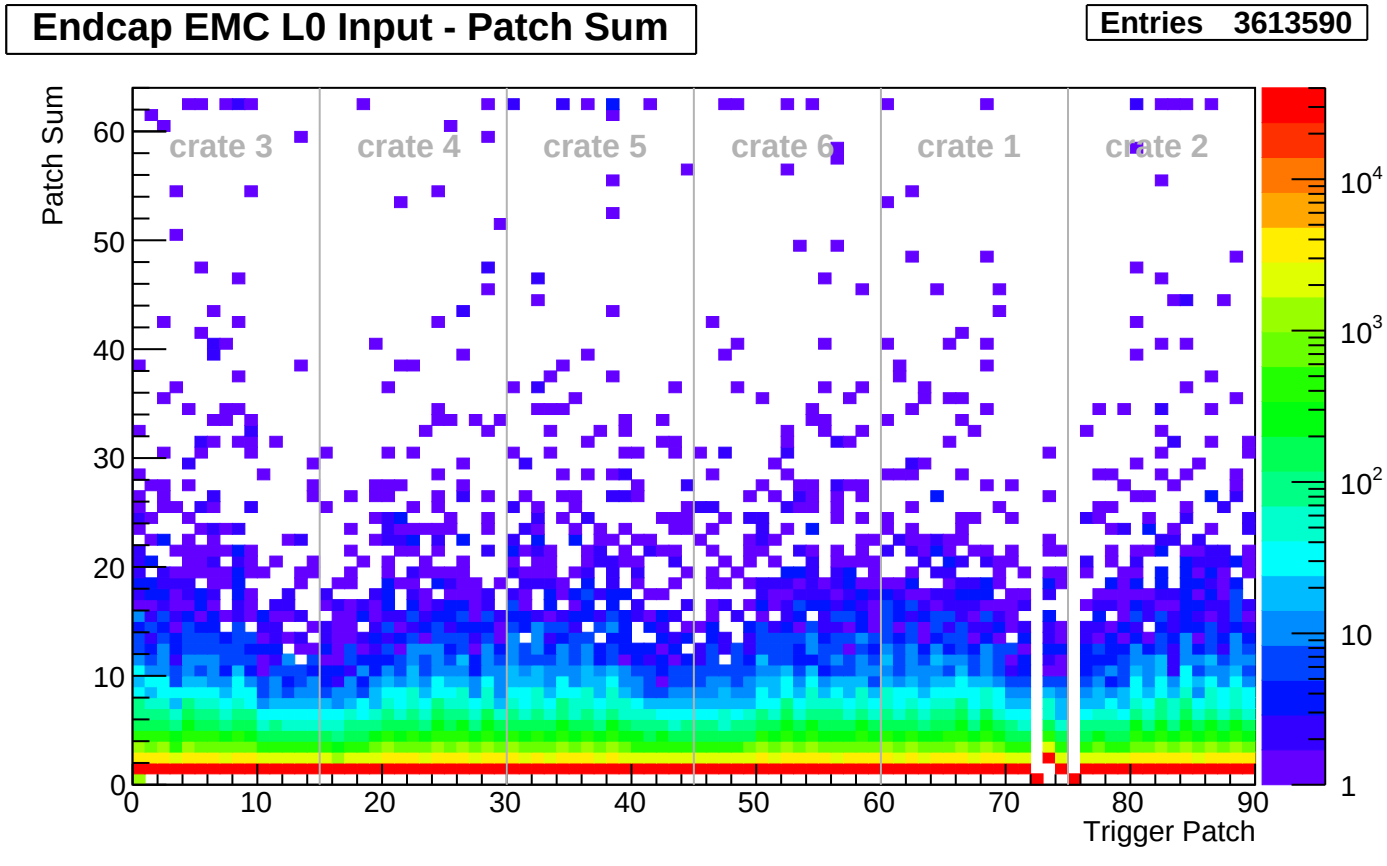
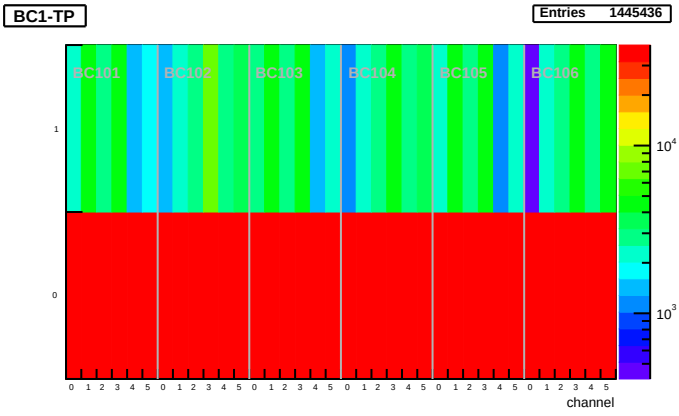
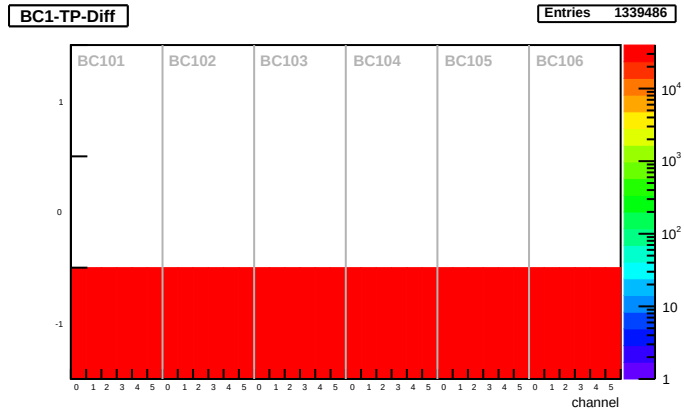

Barrel EMC L0 Input - High Tower
Entries 1.20453e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

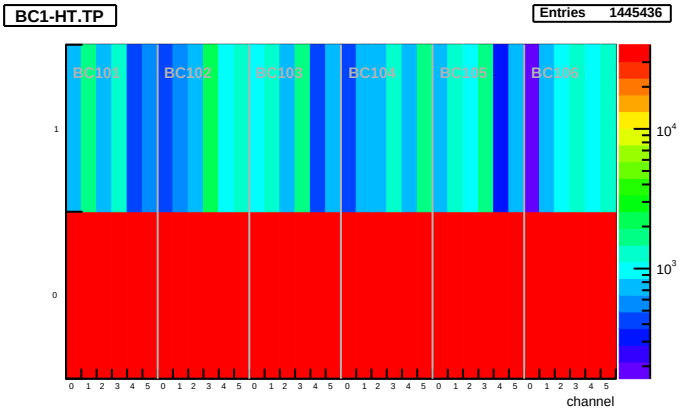

Barrel EMC L0 Input - Patch Sum
Entries 1.20453e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

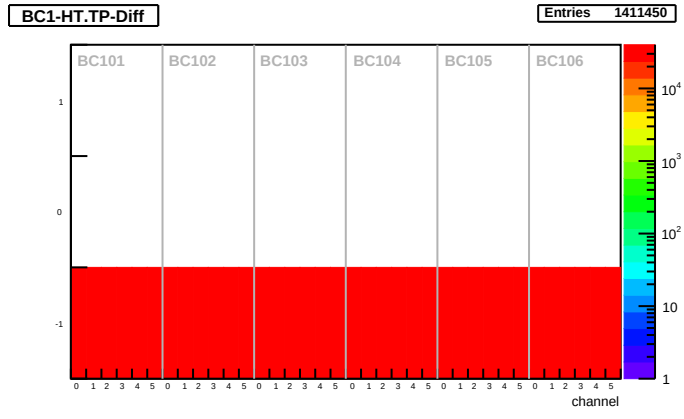

Endcap EMC L0 Input - High Tower
Entries 3613590
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

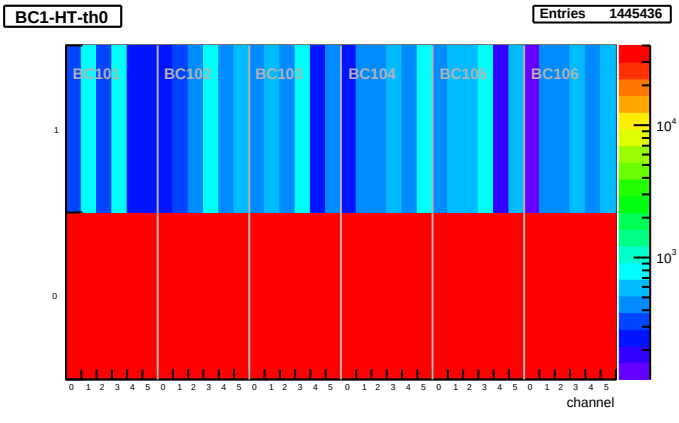

Endcap EMC L0 Input - Patch Sum
Entries 3613590
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

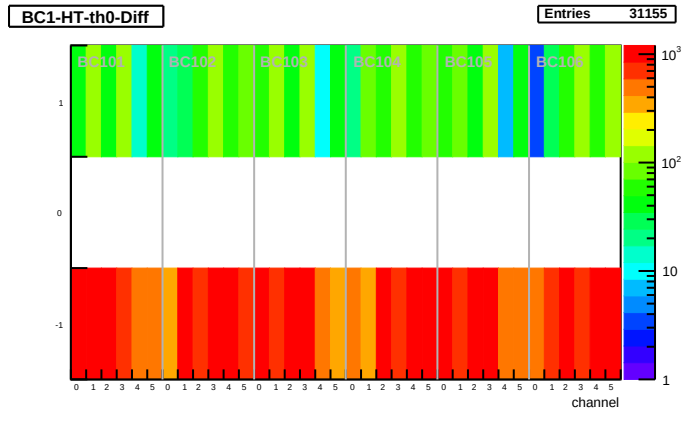

BC1-TP
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

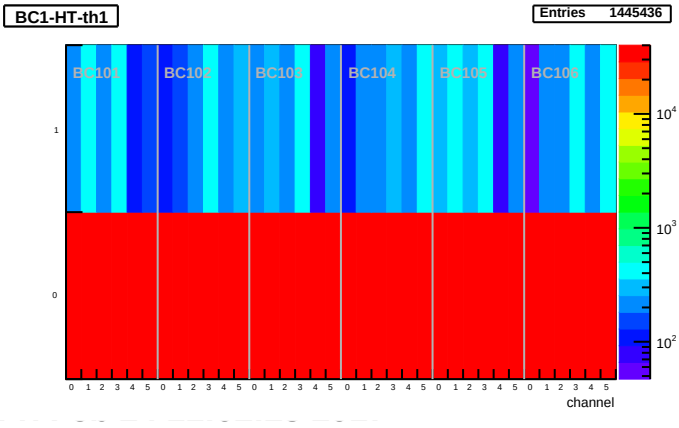

BC1-TP-Diff
Entries 1339486
BC101
BC102
BC103
BC104
BC105
BC106
channel

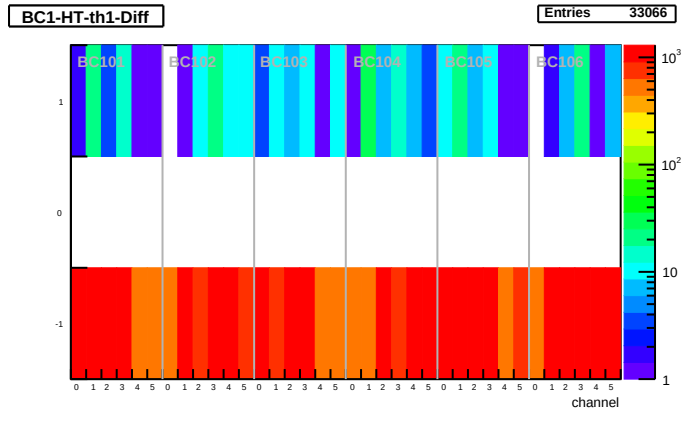

BC1-HT.TP
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

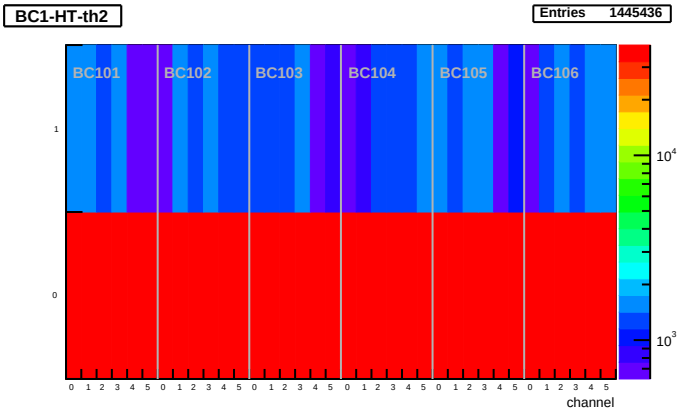

BC1-HT.TP-Diff
Entries 1411450
BC101
BC102
BC103
BC104
BC105
BC106
channel

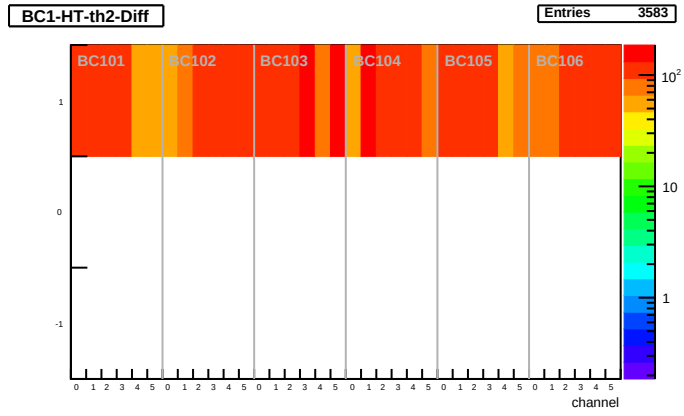

BC1-HT-th0
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

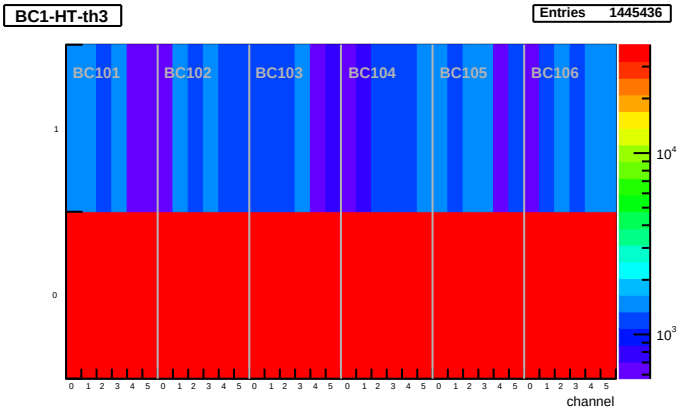

BC1-HT-th0-Diff
Entries 31155
BC101
BC102
BC103
BC104
BC105
BC106
channel

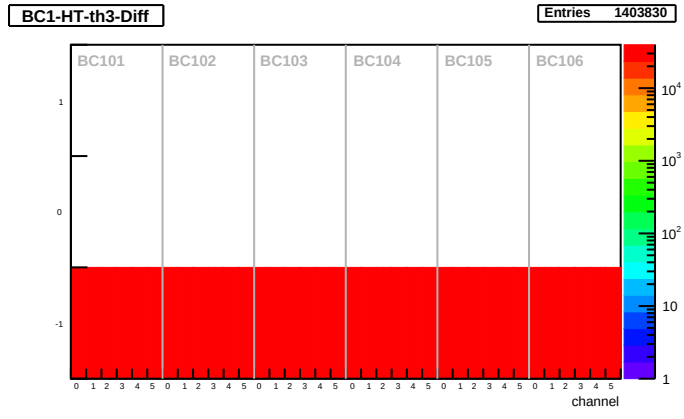

BC1-HT-th1
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

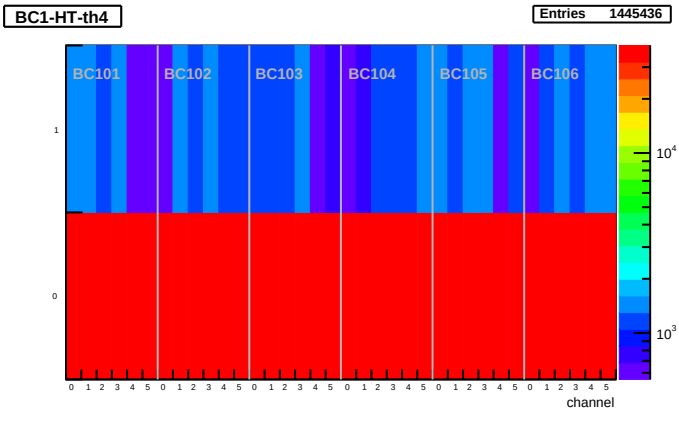

BC1-HT-th1-Diff
Entries 33066
BC101
BC102
BC103
BC104
BC105
BC106
channel

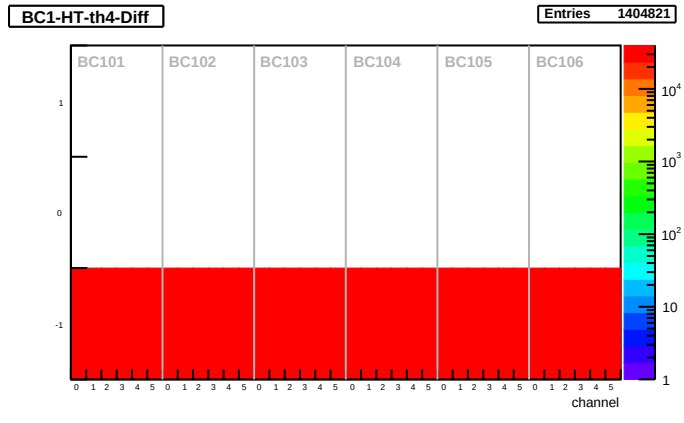

BC1-HT-th2
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

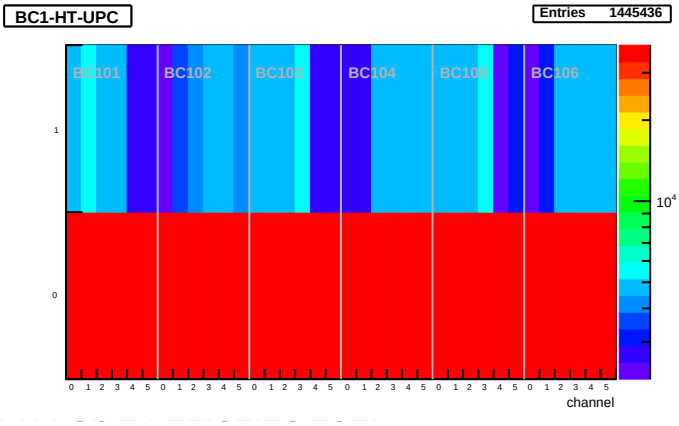

BC1-HT-th2-Diff
Entries 3583
BC101
BC102
BC103
BC104
BC105
BC106
channel

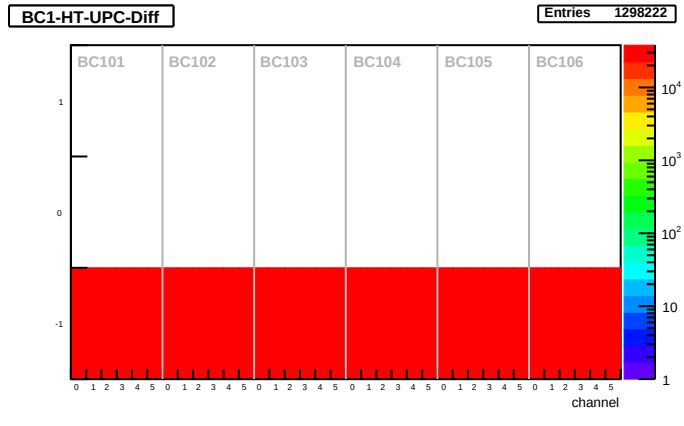

BC1-HT-th3
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

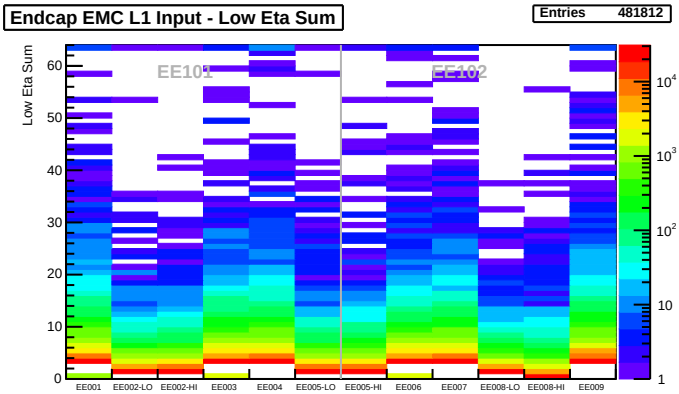

BC1-HT-th3-Diff
Entries 1403830
BC101
BC102
BC103
BC104
BC105
BC106
channel

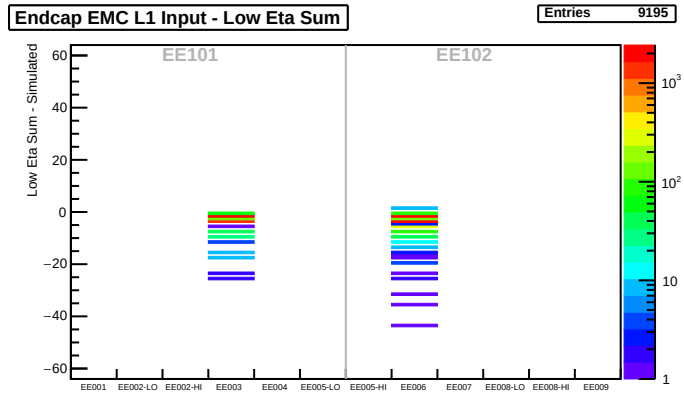

BC1-HT-th4
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

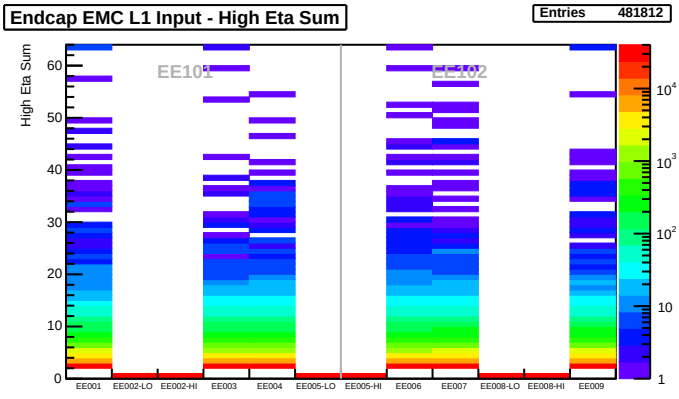

BC1-HT-th4-Diff
Entries 1404821
BC101
BC102
BC103
BC104
BC105
BC106
channel

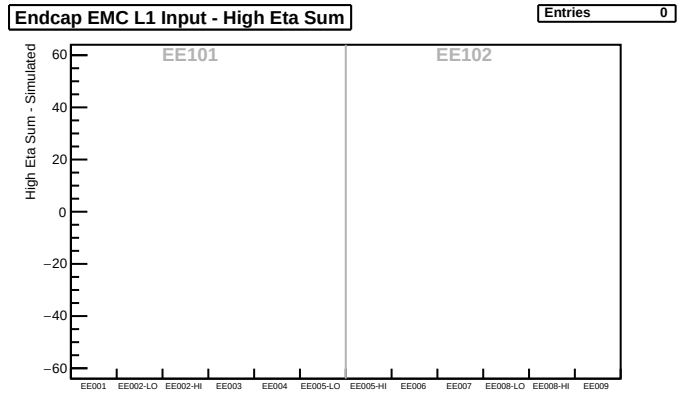

BC1-HT-UPC
Entries 1445436
BC101
BC102
BC103
BC104
BC105
BC106
channel

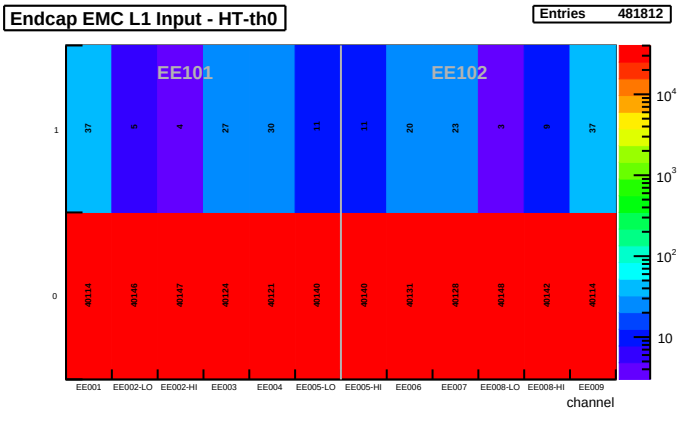

BC1-HT-UPC-Diff
Entries 1298222
BC101
BC102
BC103
BC104
BC105
BC106
channel

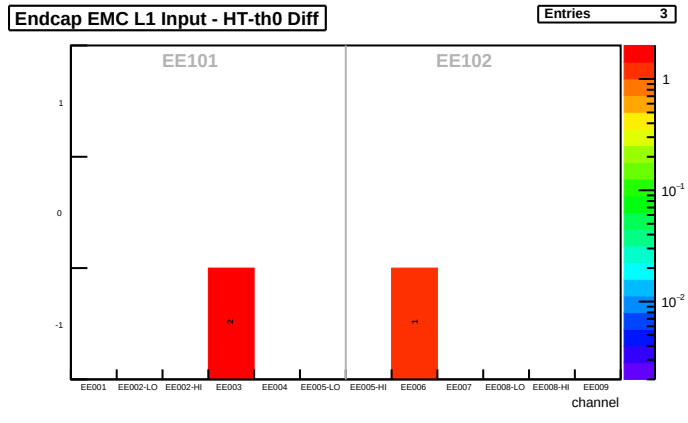

Endcap EMC L1 Input - Low Eta Sum
Entries 481812
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

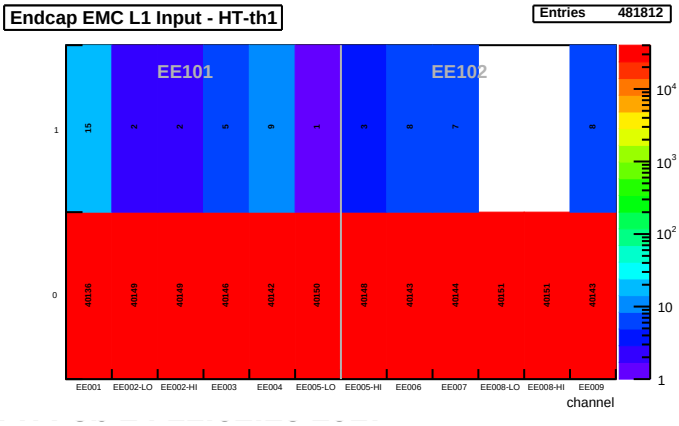

Endcap EMC L1 Input - Low Eta Sum
Entries 9195
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

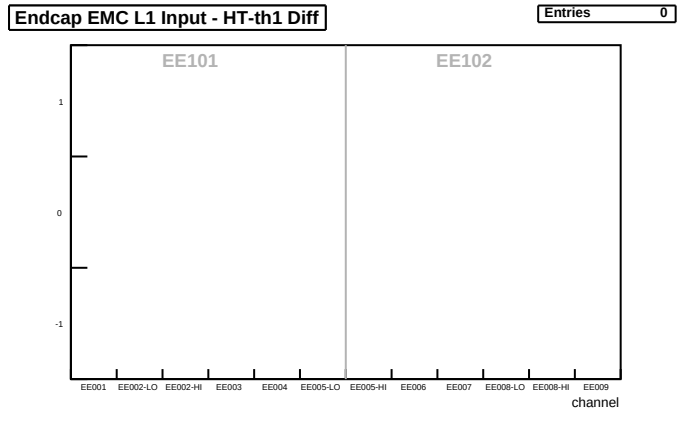

Endcap EMC L1 Input - High Eta Sum
Entries 481812
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

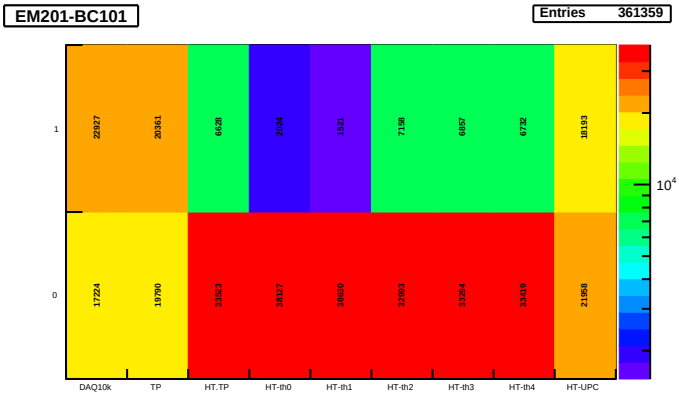

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

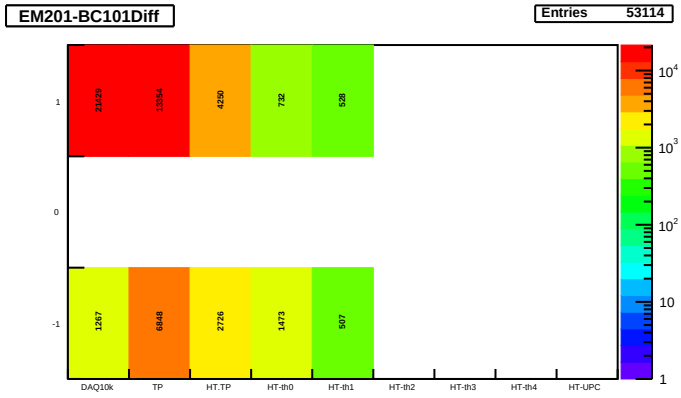

Endcap EMC L1 Input - HT-th0
Entries 481812
EE101
EE102
channel

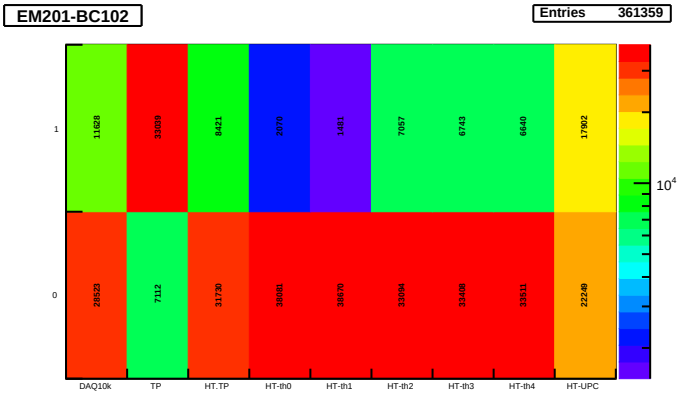

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
EE101
EE102
channel

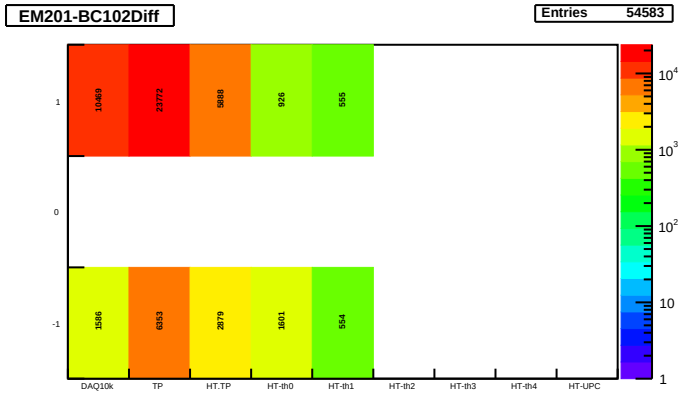

Endcap EMC L1 Input - HT-th1
Entries 481812
EE101
EE102
channel

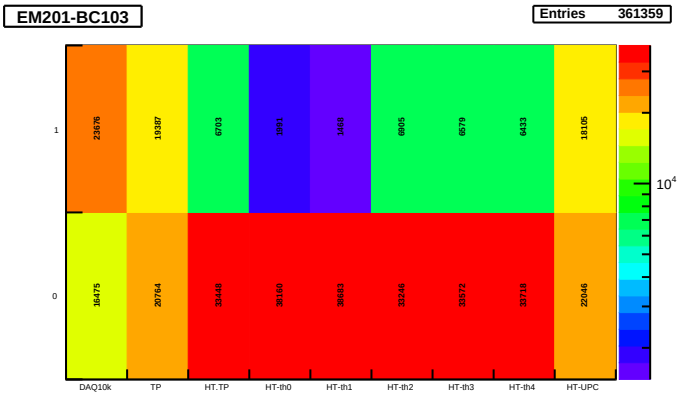

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel

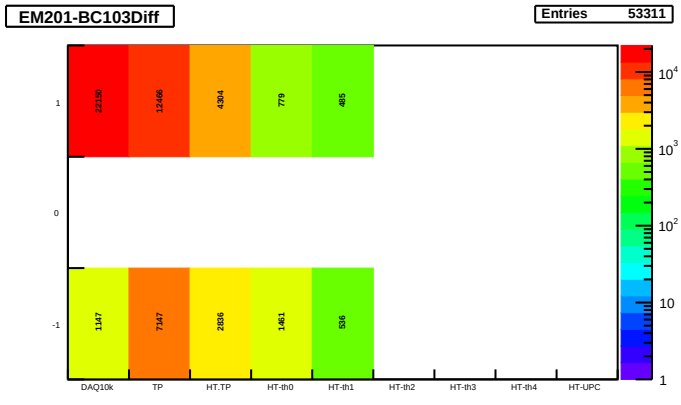

EM201-BC101
Entries 361359
1
0
22927
20361
6628
2034
1521
7158
6857
6732
18193
17224
19790
33523
38127
38600
32983
33294
33419
21958
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

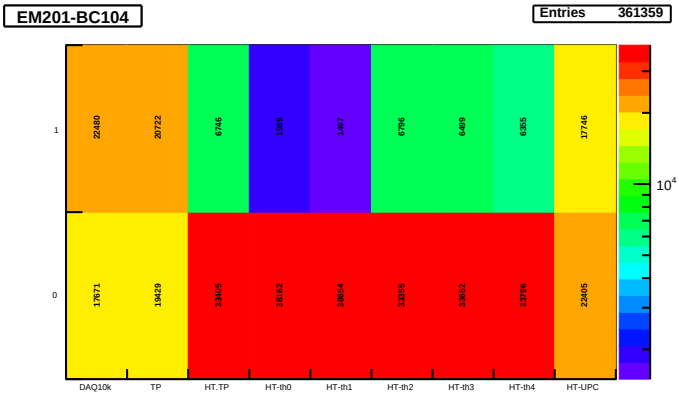

EM201-BC101Diff
Entries 53114
1
0
-1
21429
13354
4250
732
528
1267
6848
2726
1473
507
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

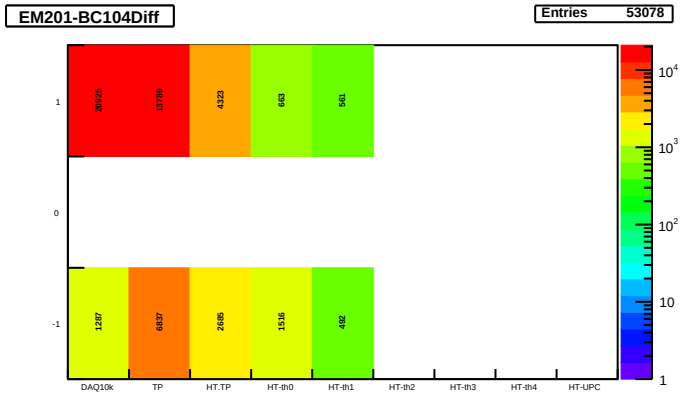

EM201-BC102
Entries 361359
1
0
11828
33039
8421
2070
1481
7057
6743
6640
17902
28523
7112
31730
38081
38670
33094
33408
33511
22240
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

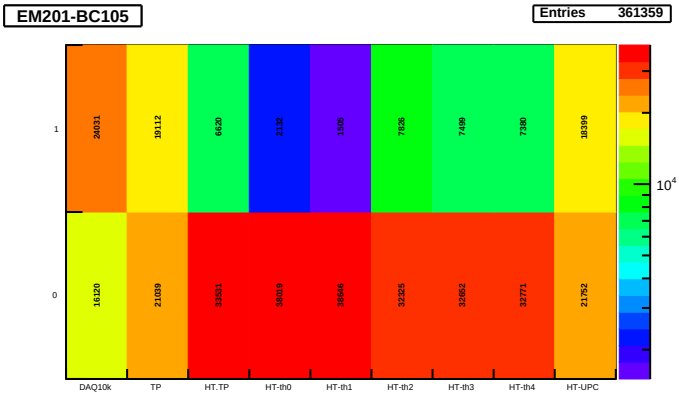

EM201-BC102Diff
Entries 54583
1
0
-1
10469
23772
5888
926
555
1586
6353
2879
1601
554
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

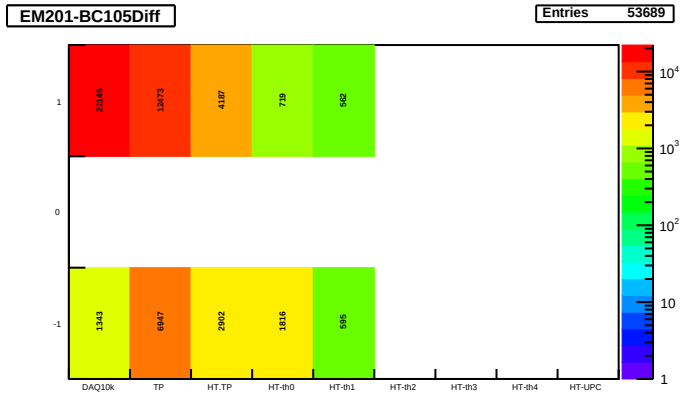

EM201-BC103
Entries 361359
1
0
23676
19387
6703
1931
1468
6905
6579
6433
18105
16475
20764
33448
38160
38683
33246
33572
33718
22046
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

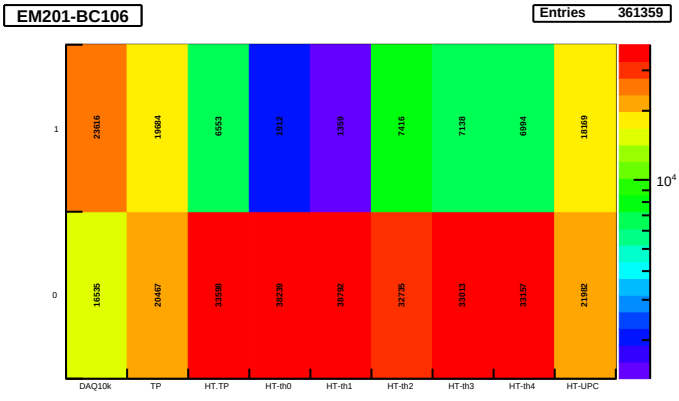

EM201-BC103Diff
Entries 53311
1
0
-1
22150
12466
4304
779
495
1147
7147
2826
1461
536
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

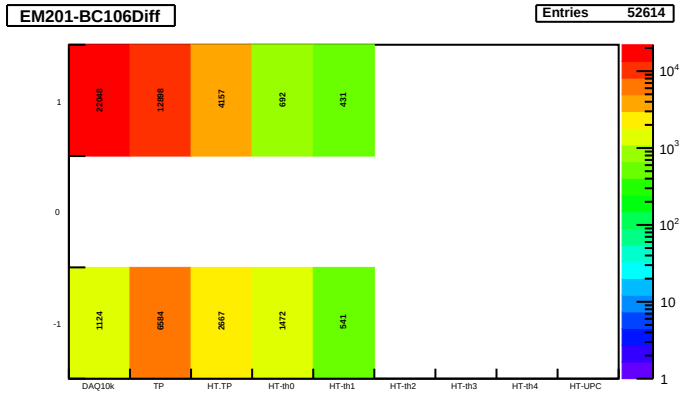

EM201-BC104
Entries 361359
1
0
22480
20722
6746
1589
1497
6796
6489
6355
17746
17671
19429
33405
38162
38654
33355
33652
33796
22405
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

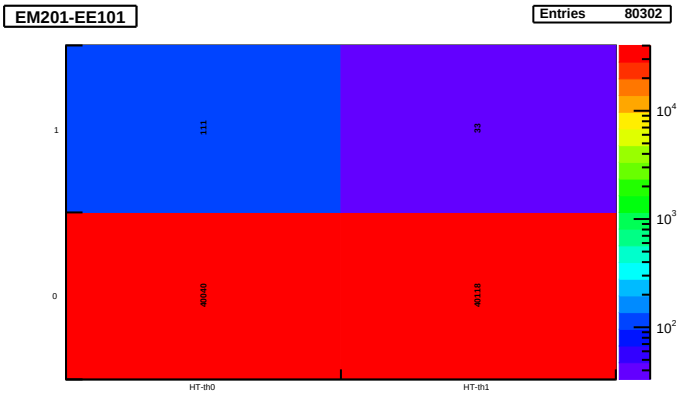

EM201-BC104Diff
Entries 53078
1
0
-1
20925
13789
4323
663
561
1287
6837
2685
1516
492
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

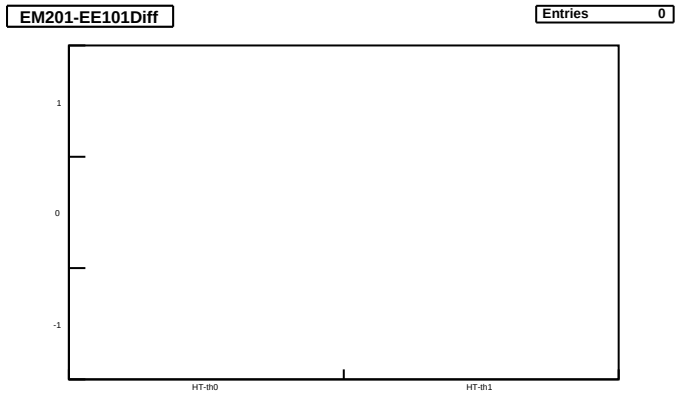

EM201-BC105
Entries 361359
24031
19112
6620
2132
1505
7826
7499
7380
18399
16120
21639
33511
38019
38646
32325
32652
32771
21752
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

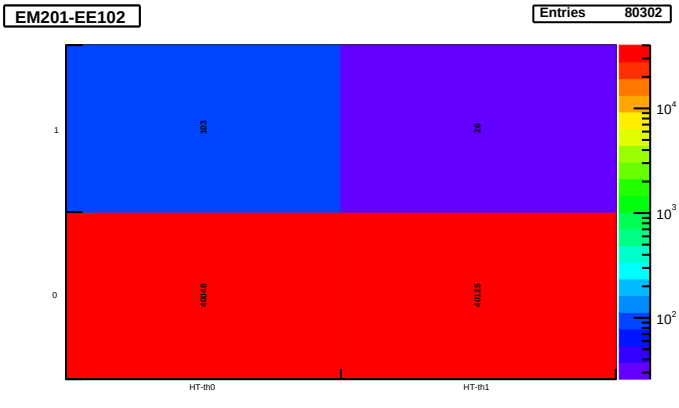

EM201-BC105Diff
Entries 53689
22145
12473
4187
719
562
1343
6947
2902
1816
595
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

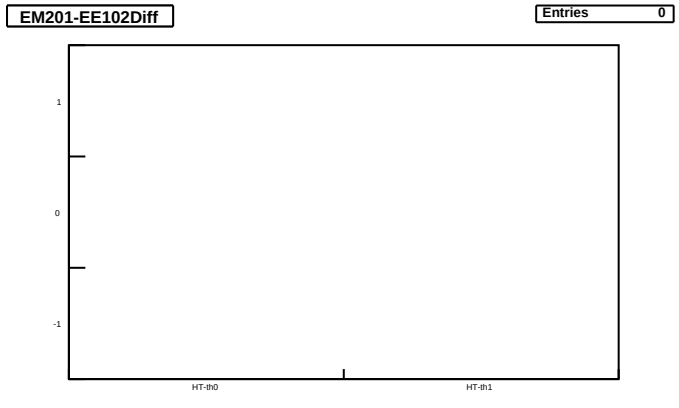

EM201-BC106
Entries 361359
23616
19684
6553
1912
1359
7416
7138
6994
18189
16535
20467
33598
38239
38782
32735
33013
33157
21982
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

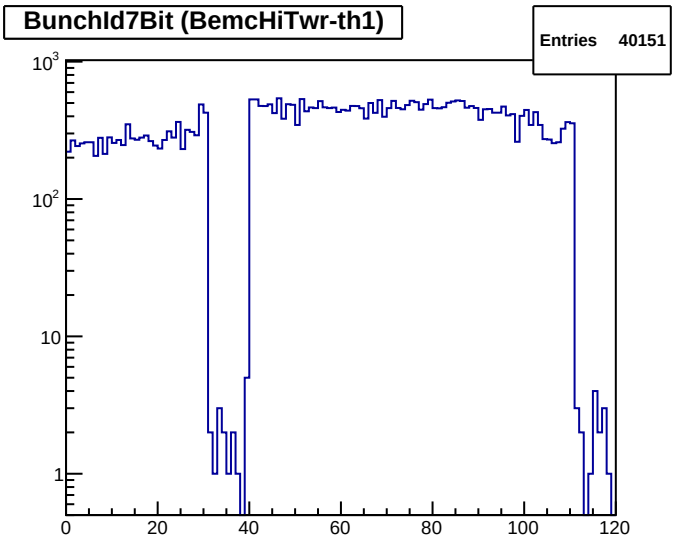

EM201-BC106Diff
Entries 52614
22048
12888
4157
692
431
1124
6584
2667
1472
541
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

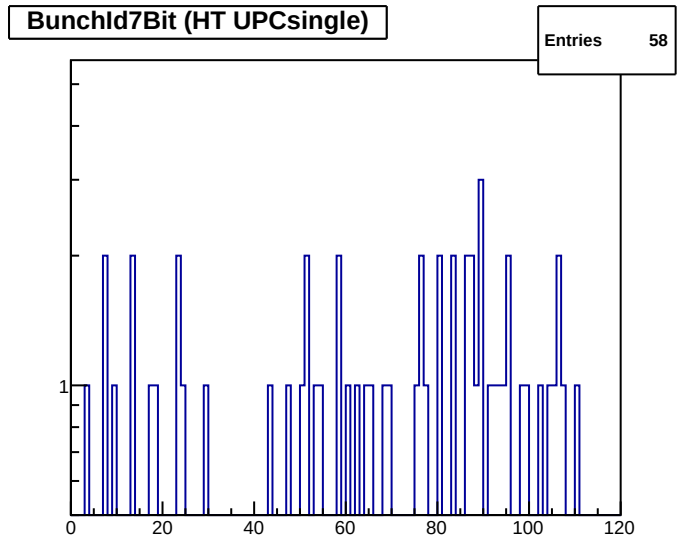

EM201-EE101
Entries 80302
111
33
40040
40118
HT-th0
HT-th1

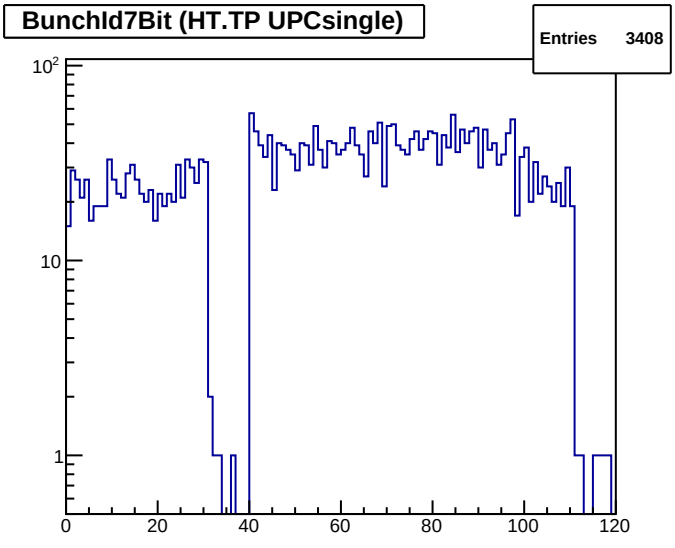

EM201-EE101Diff
Entries 0
HT-th0
HT-th1

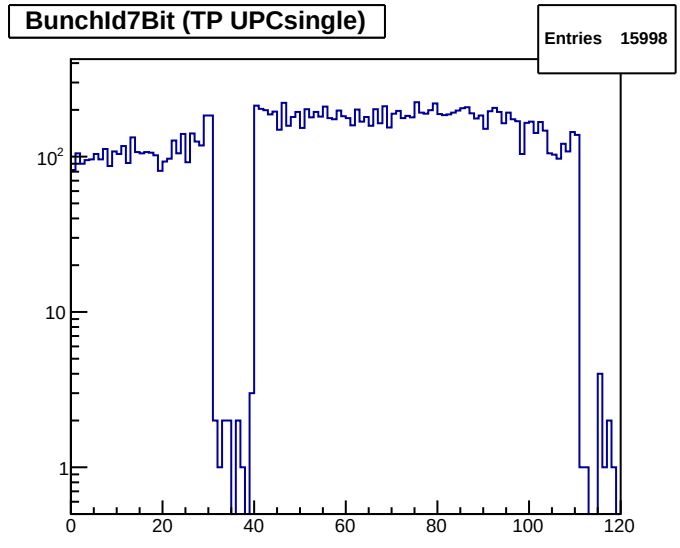

EM201-EE102
Entries 80302
103
26
40048
40125
HT-th0
HT-th1

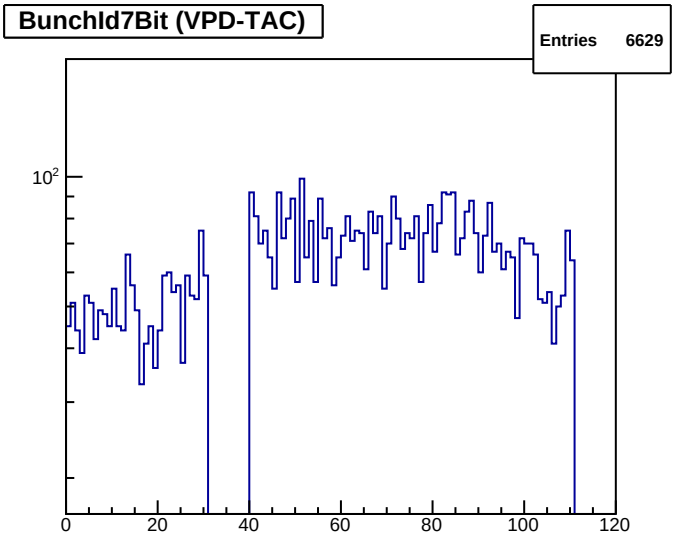

EM201-EE102Diff
Entries 0
HT-th0
HT-th1

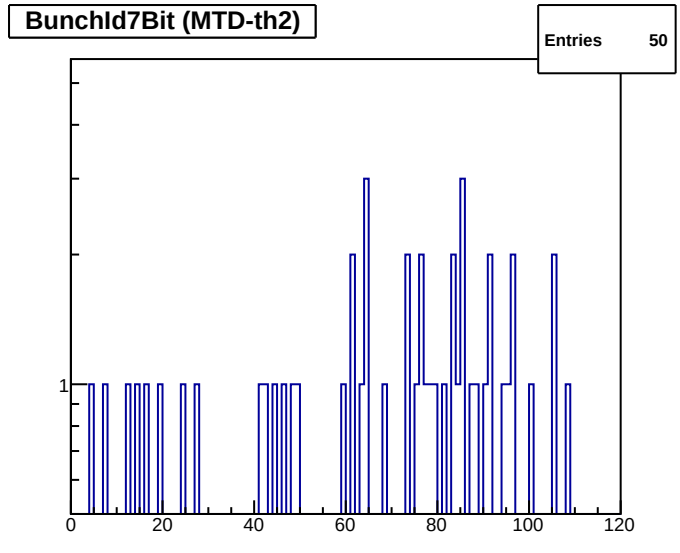

BunchId7Bit (BemcHiTwr-th1)
Entries 40151
10^3
10^2
10
1
0
20
40
60
80
100
120

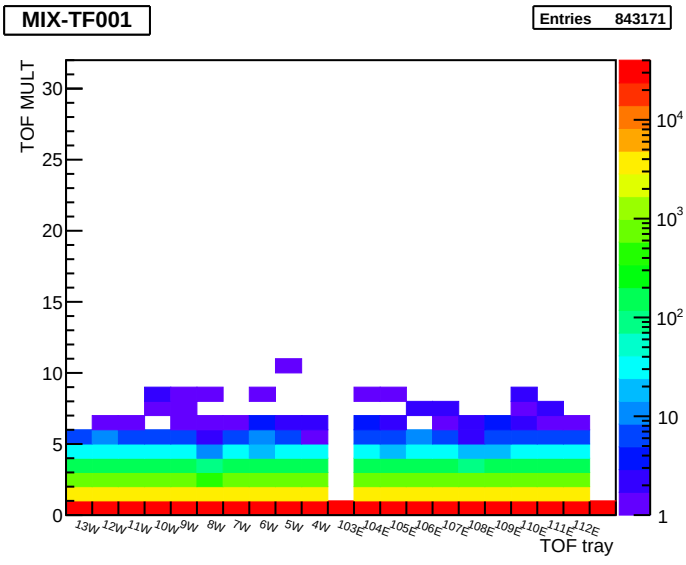

BunchId7Bit (HT UPCsingle)
Entries 58
1
0
20
40
60
80
100
120

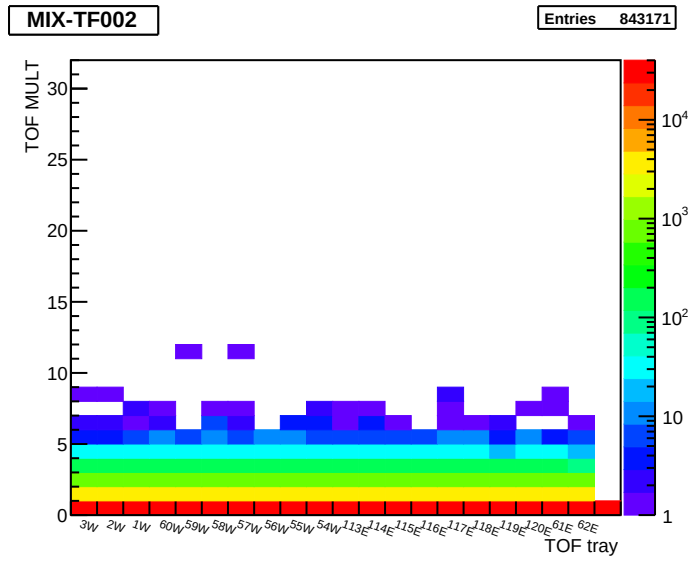

BunchId7Bit (HT.TP UPCsingle)
Entries 3408
10^2
10
1
0
20
40
60
80
100
120

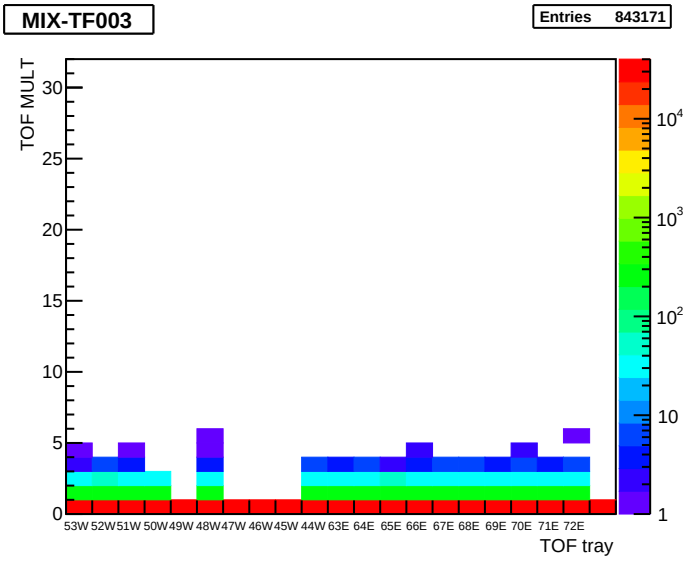

BunchId7Bit (TP UPCsingle)
Entries 15998
10^2
10
1
0
20
40
60
80
100
120

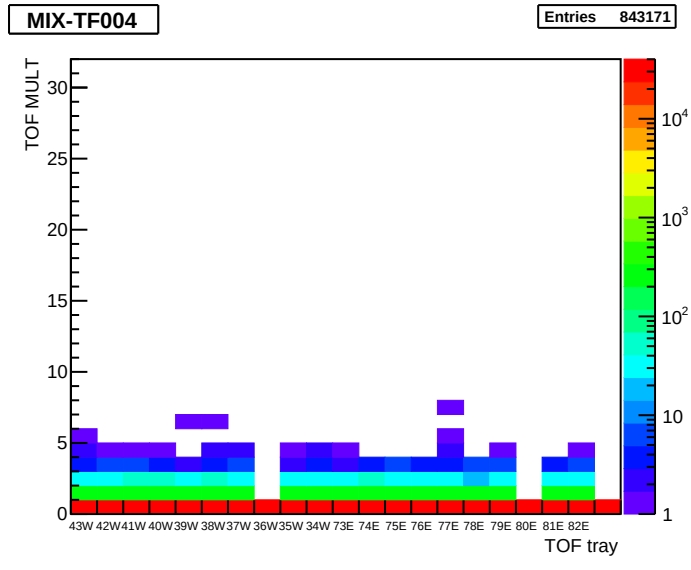

BunchId7Bit (VPD-TAC)
Entries 6629
10^2
0
20
40
60
80
100
120

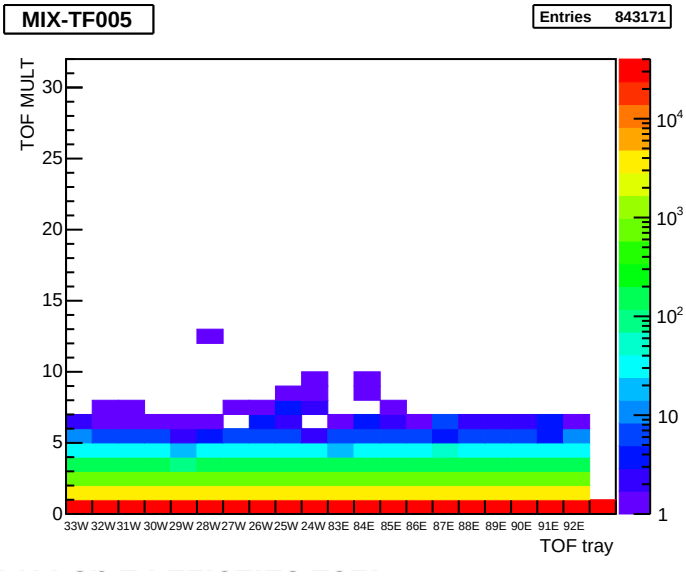

BunchId7Bit (MTD-th2)
Entries 50
1
0
20
40
60
80
100
120

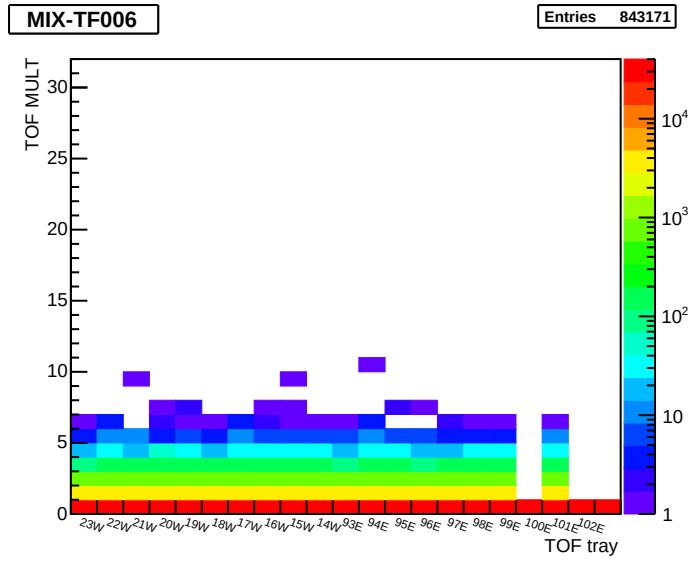

MIX-TF001
Entries 843171
TOF MULT
TOF tray

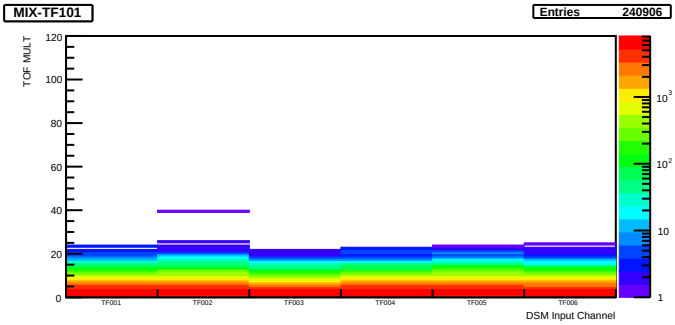

MIX-TF002
Entries 843171
TOF MULT
TOF tray

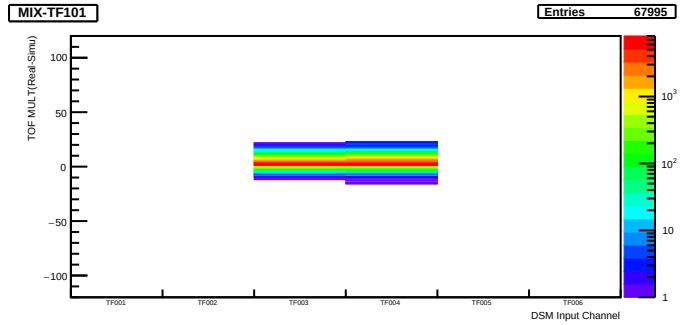

MIX-TF003
Entries 843171
TOF MULT
TOF tray

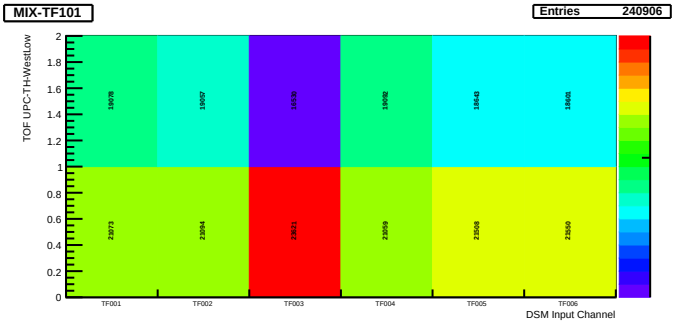

MIX-TF004
Entries 843171
TOF MULT
TOF tray

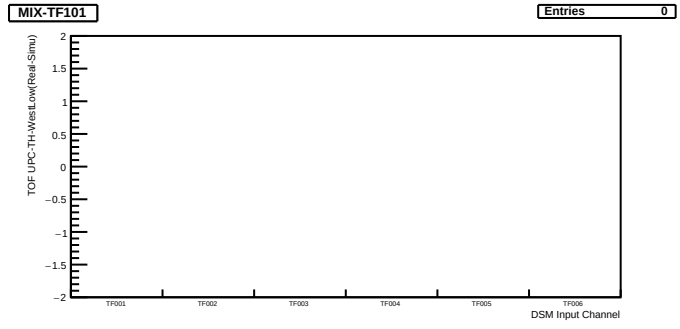

MIX-TF005
Entries 843171
TOF MULT
TOF tray

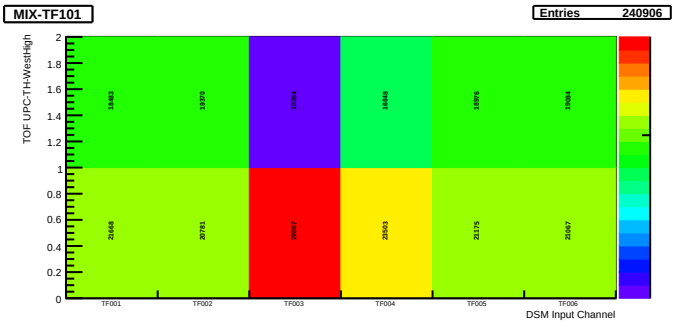

MIX-TF006
Entries 843171
TOF MULT
TOF tray

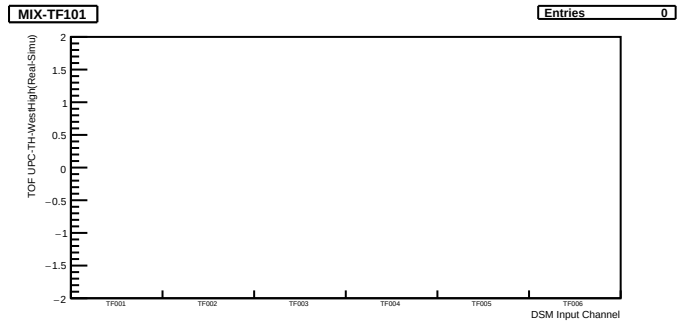

MIX-TF101
Entries 240906
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

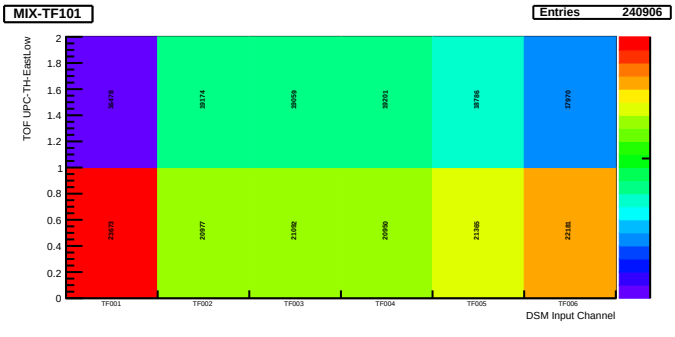

MIX-TF101
Entries 67995
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

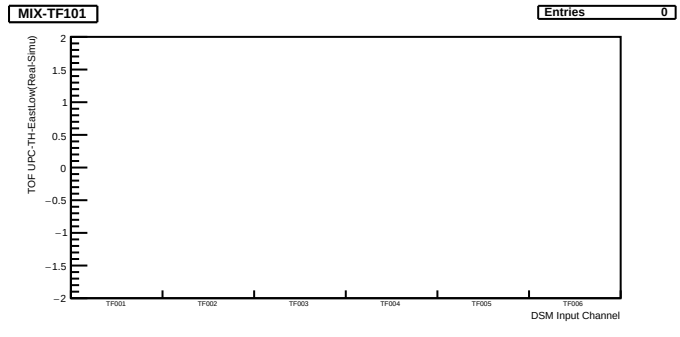

MIX-TF101
Entries 240906
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

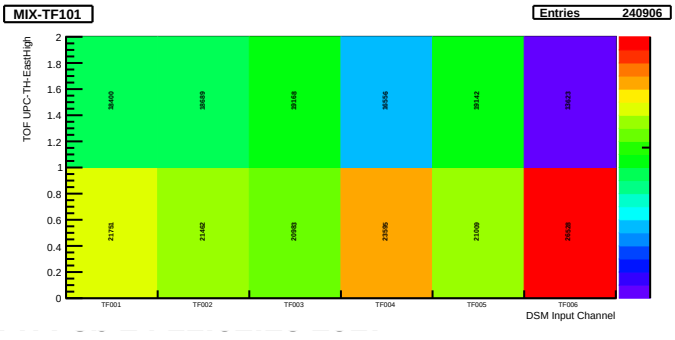

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

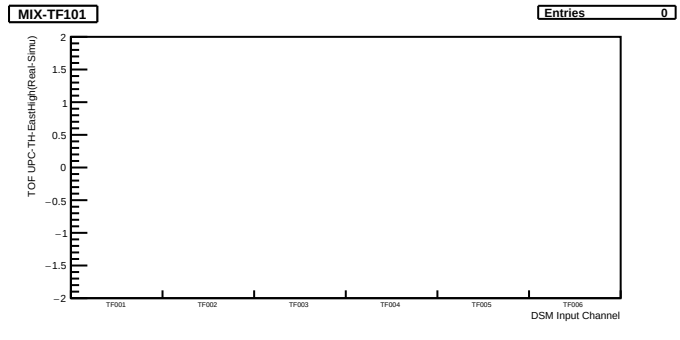

MIX-TF101
Entries 240906
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

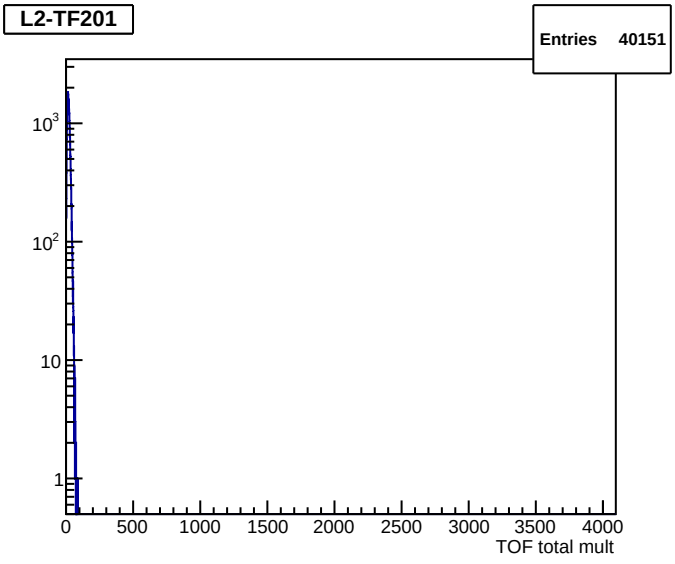

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

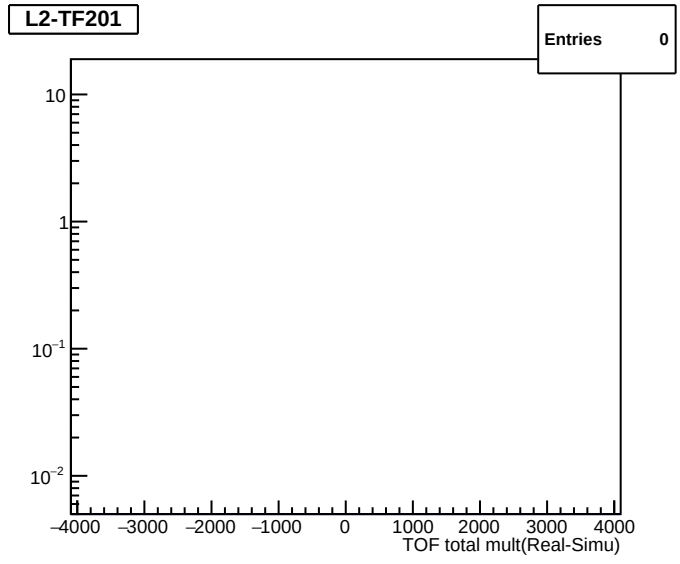

MIX-TF101
Entries 240906
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

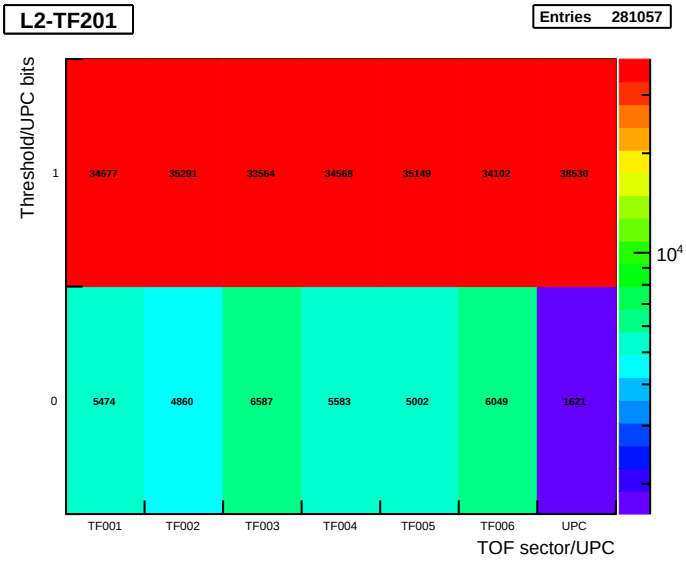

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

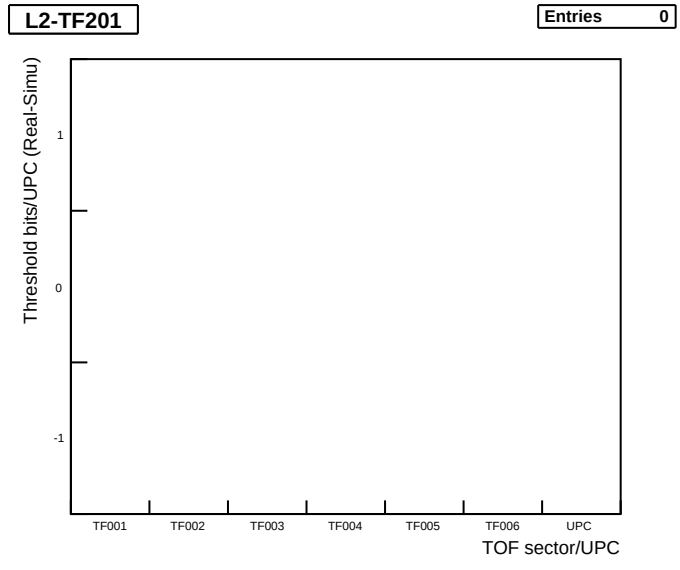

MIX-TF101
Entries 240906
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

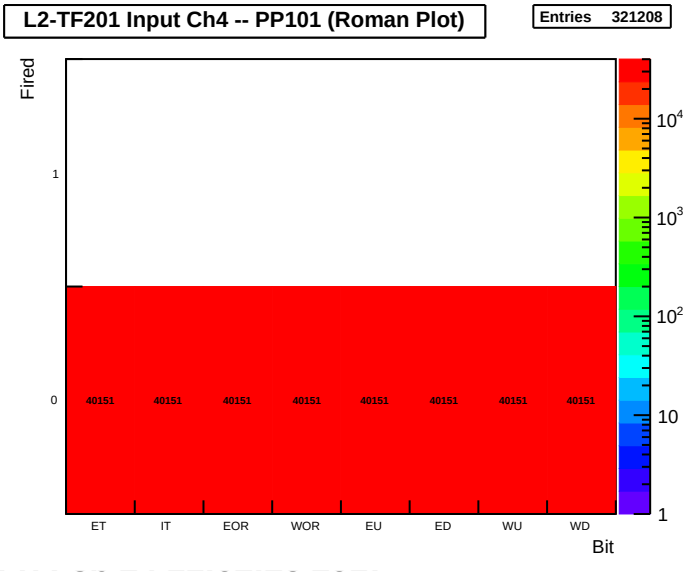

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

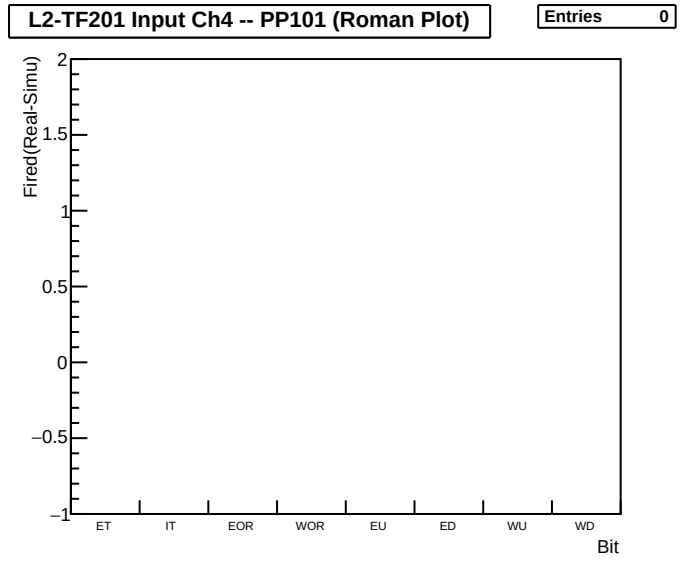

L2-TF201
Entries 40151
TOF total mult

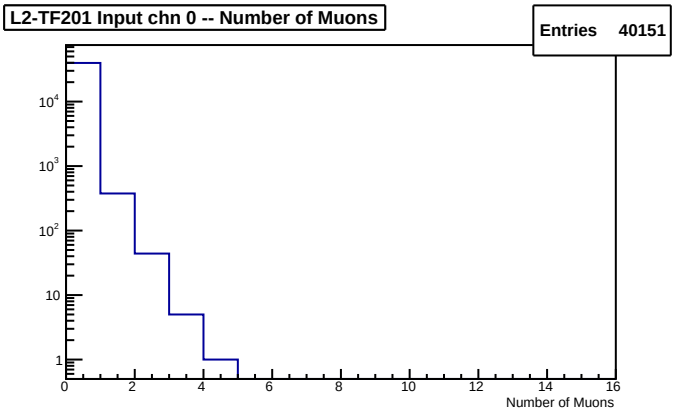

L2-TF201
Entries 0
TOF total mult(Real-Simu)

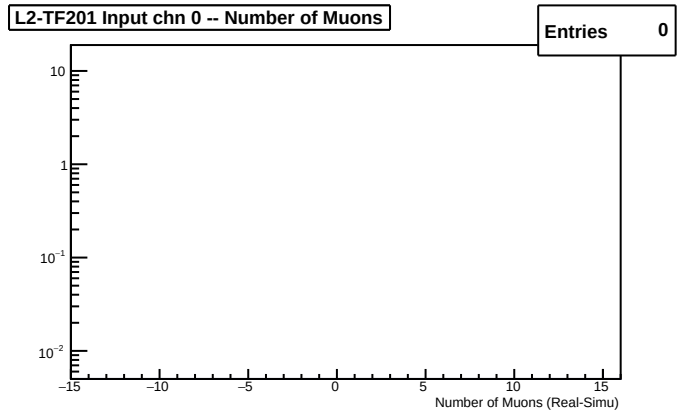

L2-TF201
Entries 281057
Threshold/UPC bits
34677 35291 33564 34568 35149 34102 38530
5474 4860 6587 5583 5002 6049 1621
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

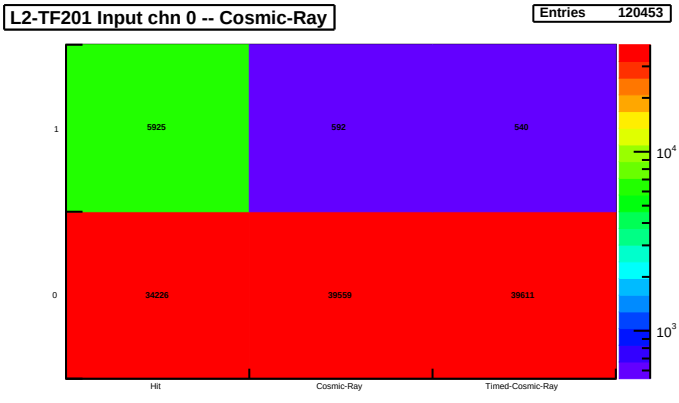

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

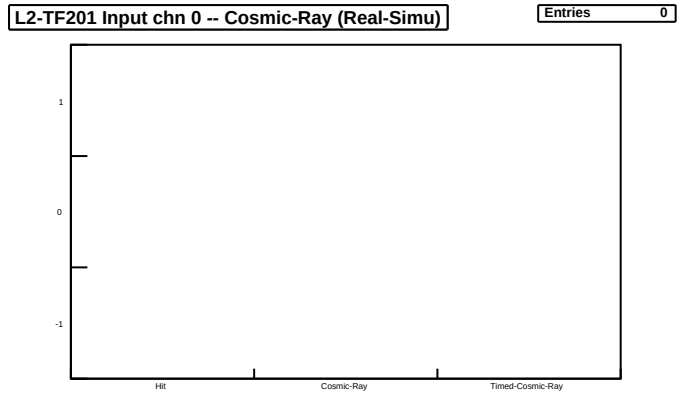

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 321208
Fired
40151 40151 40151 40151 40151 40151 40151 40151
ET IT EOR WOR EU ED WU WD
Bit

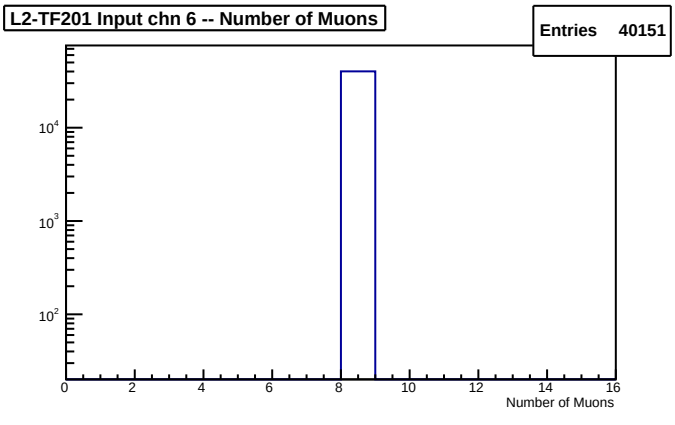

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

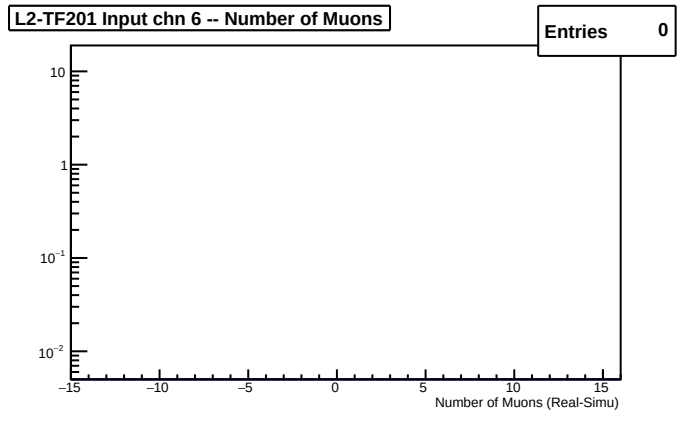

L2-TF201 Input chn 0 -- Number of Muons
Entries 40151
Number of Muons

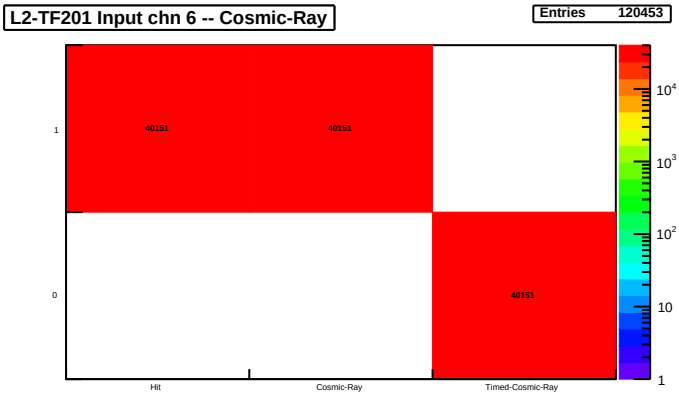

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

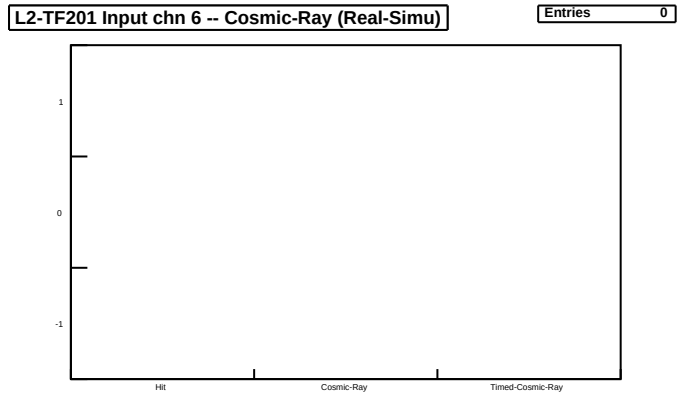

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 120453
5925
592
540
34226
39559
39611
Hit
Cosmic-Ray
Timed-Cosmic-Ray

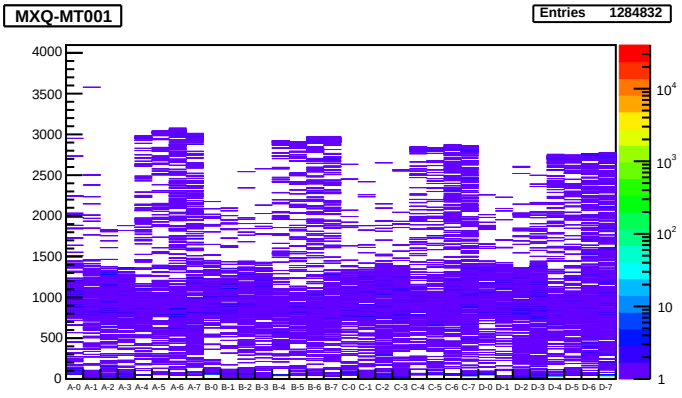

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

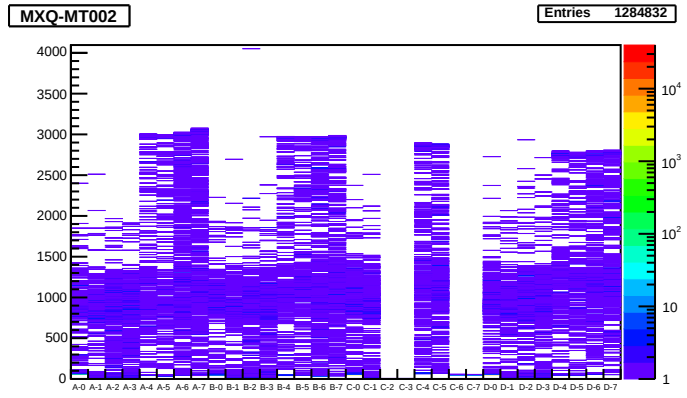

L2-TF201 Input chn 6 -- Number of Muons
Entries 40151
Number of Muons

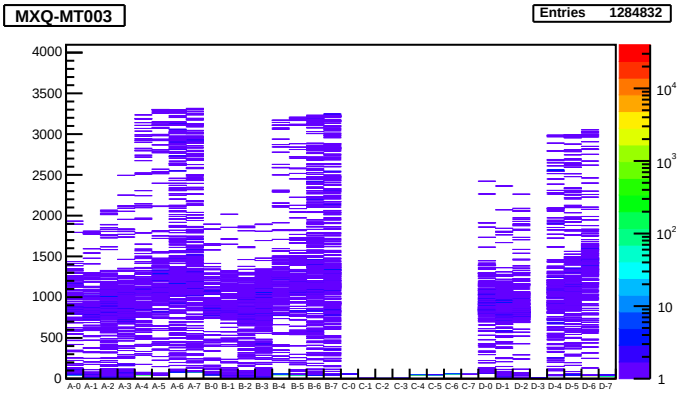

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

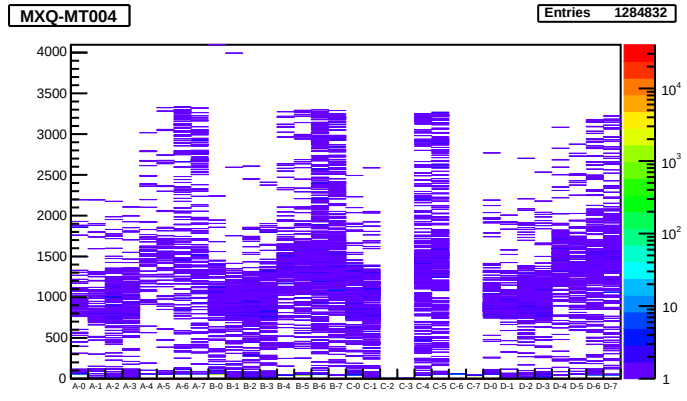

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 120453
40151
40151
40151
Hit
Cosmic-Ray
Timed-Cosmic-Ray

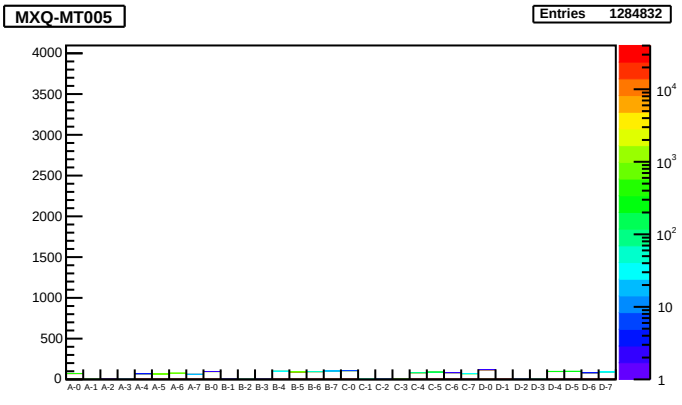

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

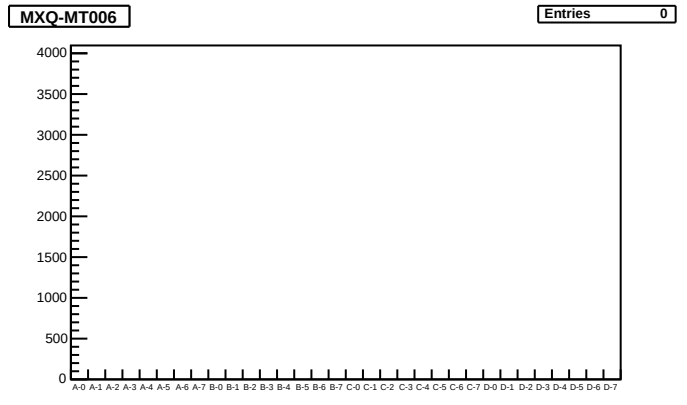

MXQ-MT001
Entries 1284832

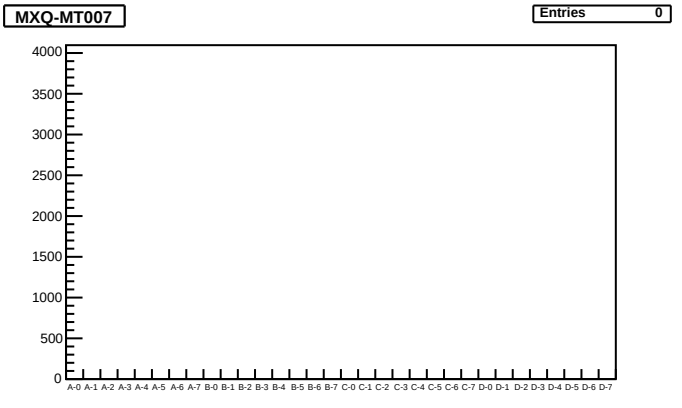

MXQ-MT002
Entries 1284832

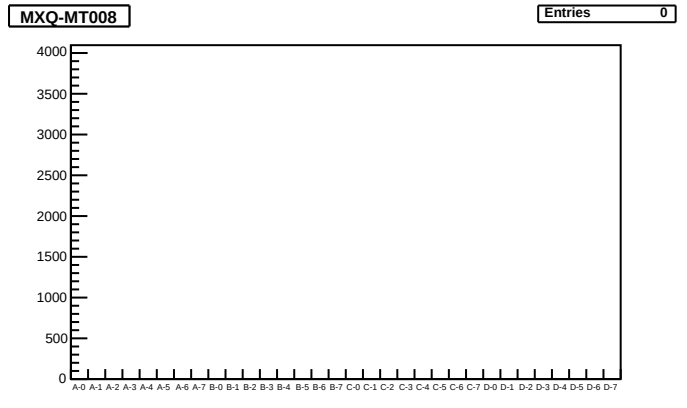

MXQ-MT003
Entries 1284832

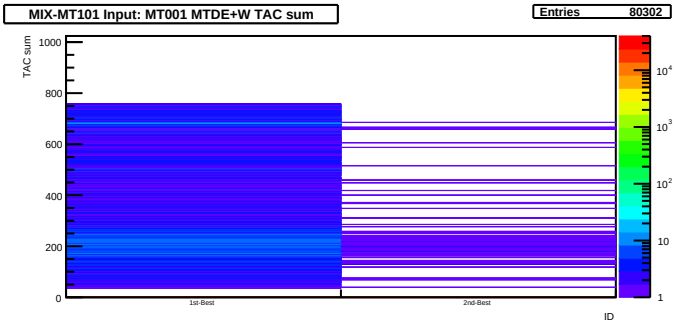

MXQ-MT004
Entries 1284832

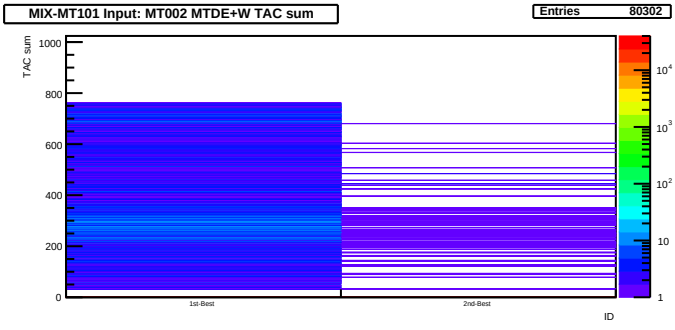

MXQ-MT005
Entries 1284832

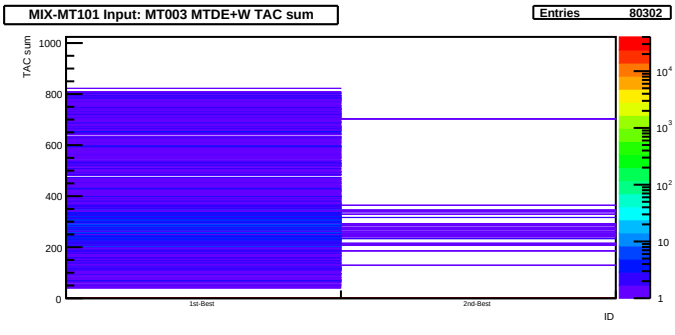

MXQ-MT006
Entries 0

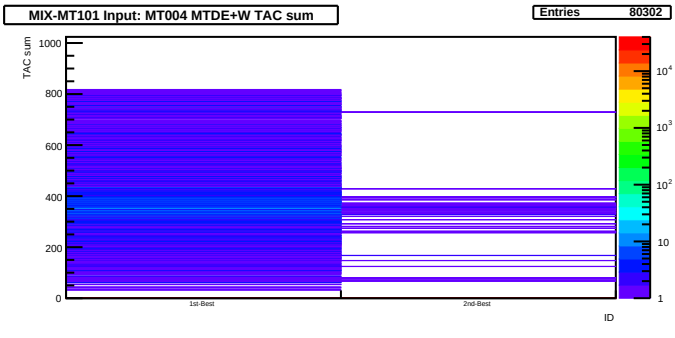

MXQ-MT007
Entries 0

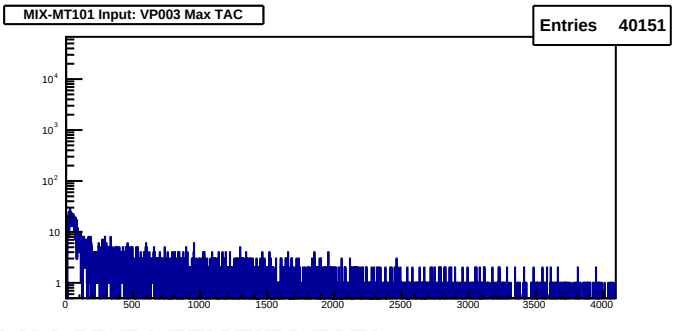

MXQ-MT008
Entries 0

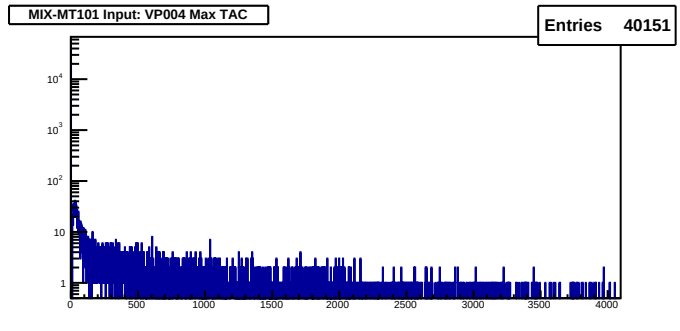

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID

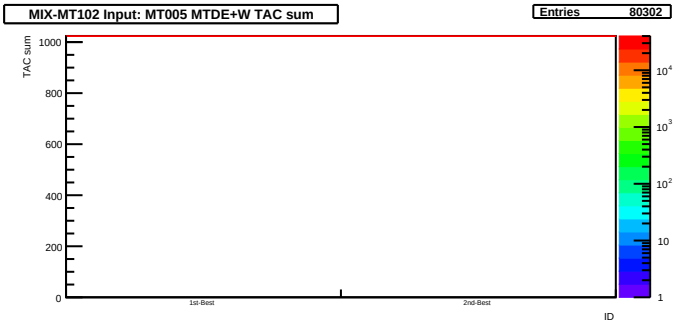

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID

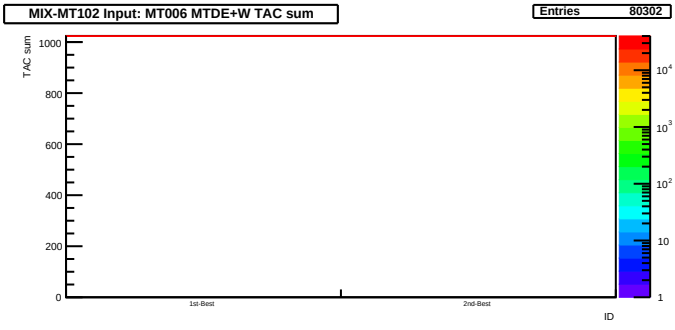

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID

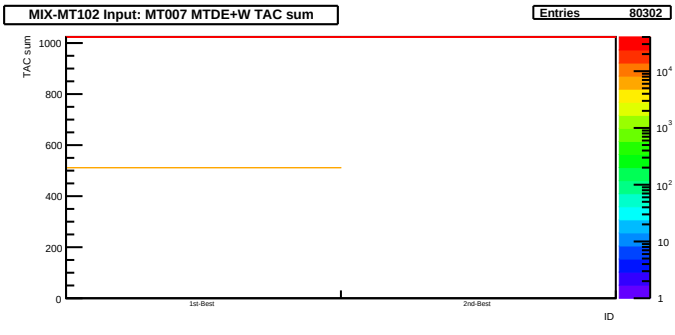

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID

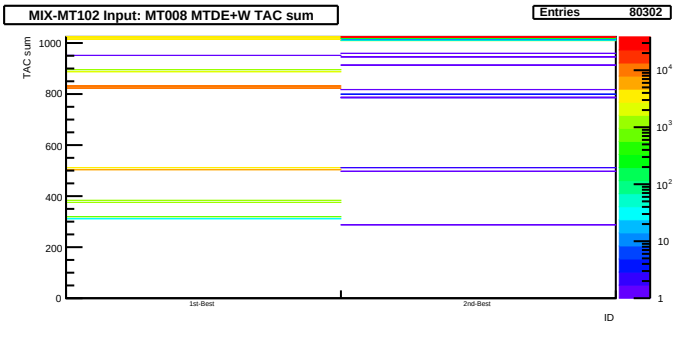

MIX-MT101 Input: VP003 Max TAC
Entries 40151

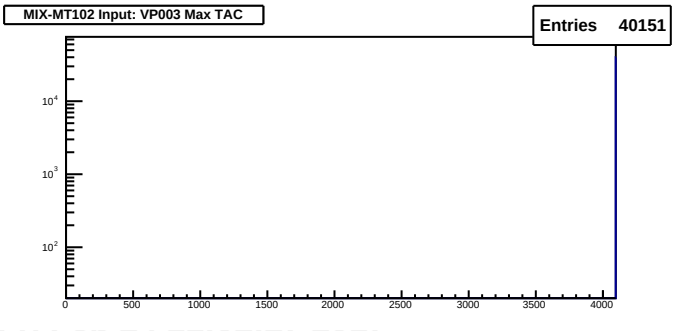

MIX-MT101 Input: VP004 Max TAC
Entries 40151

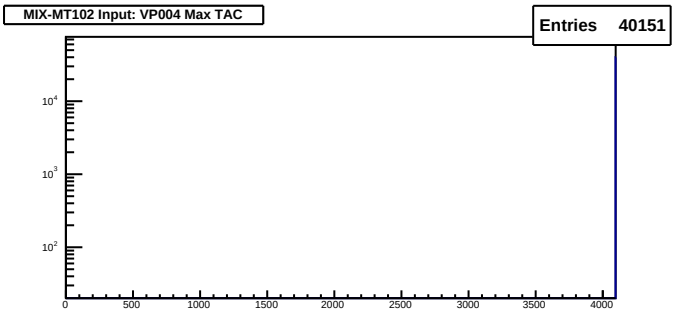

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID

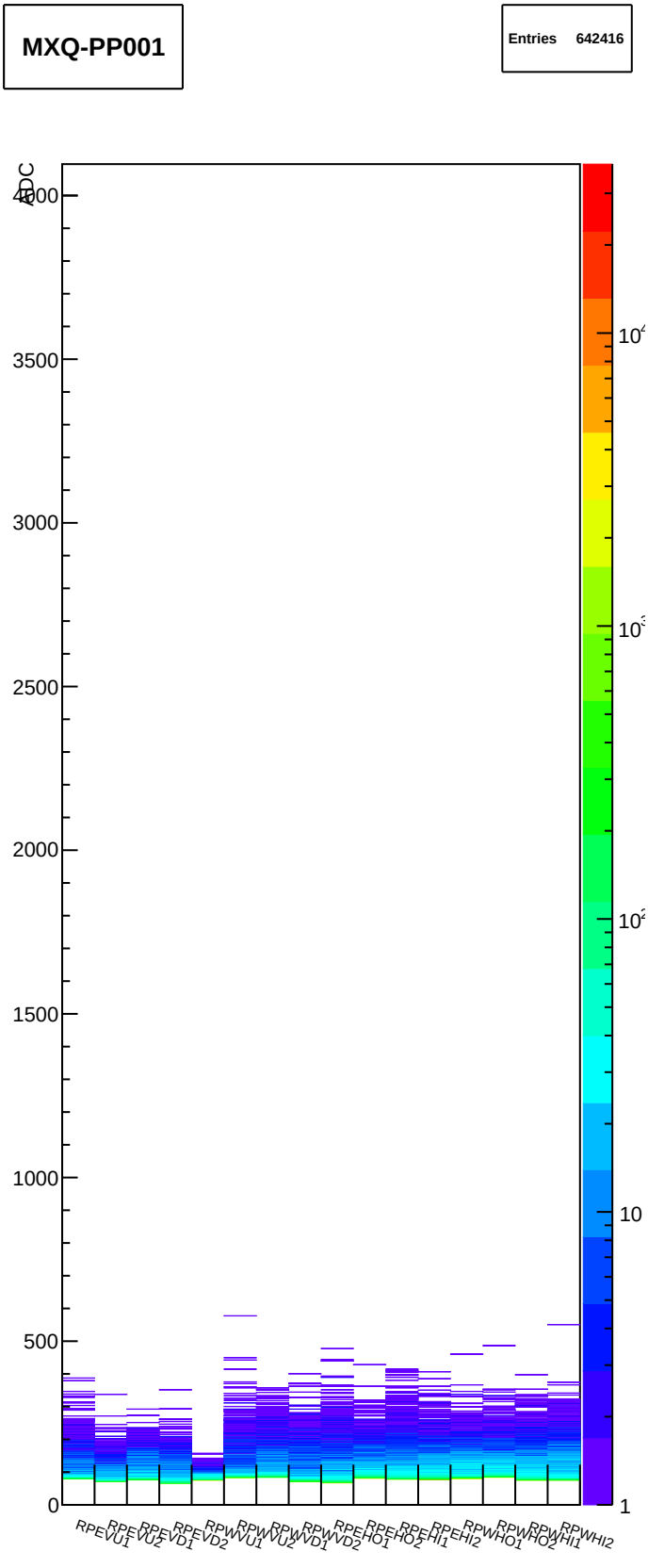

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 80302
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 40151


MIX-MT102 Input: VP004 Max TAC
Entries 40151


MXQ-PP001
Entries 642416
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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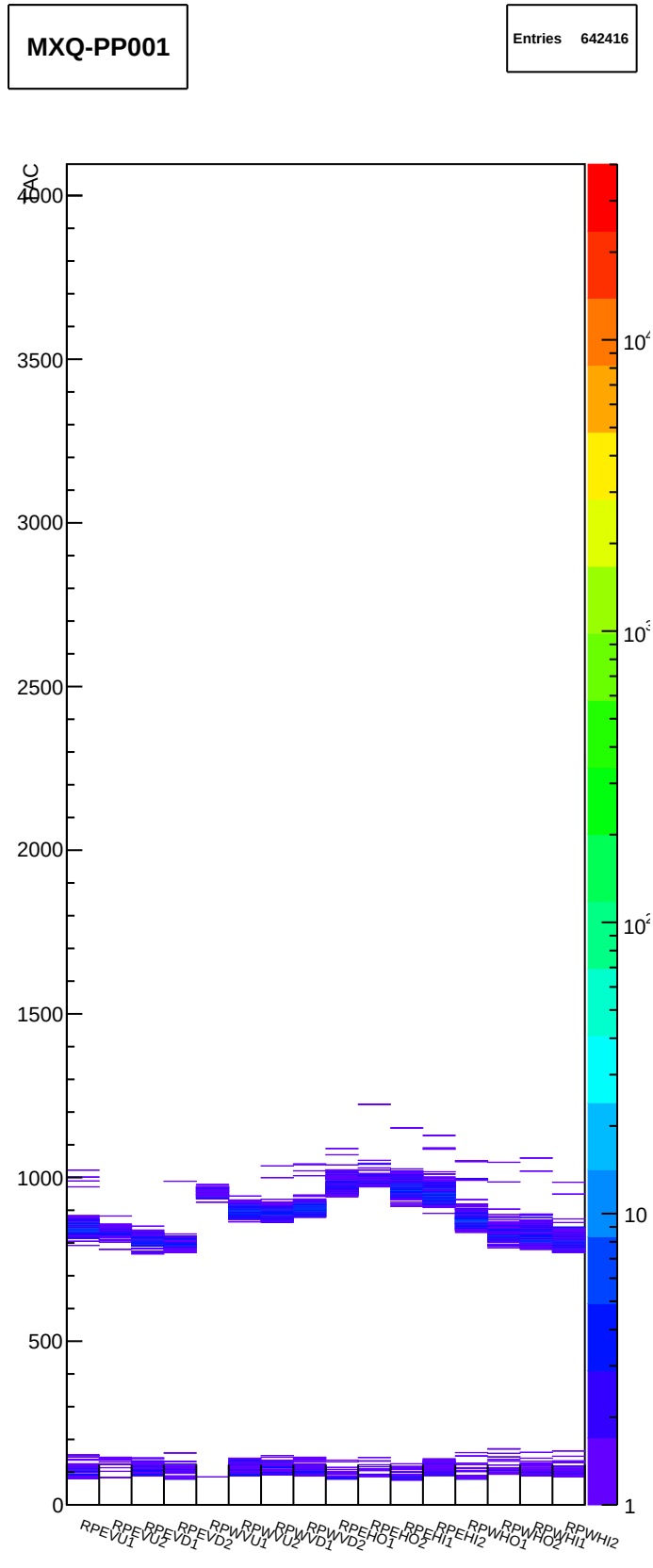
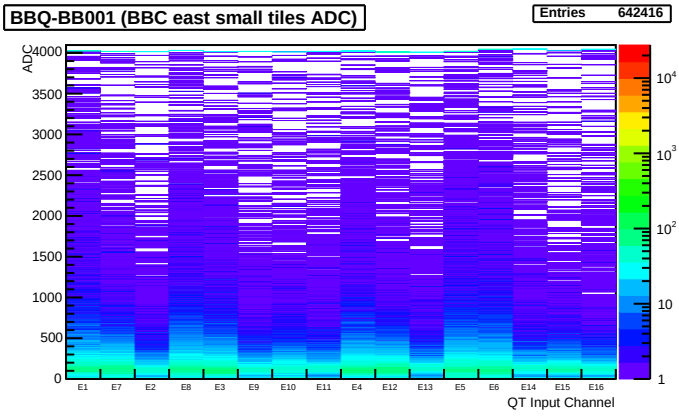
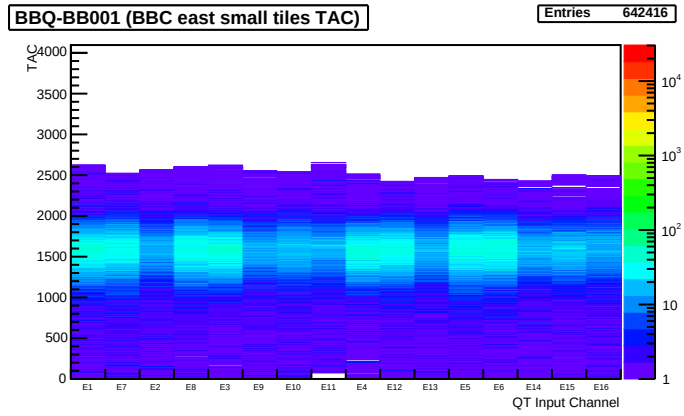
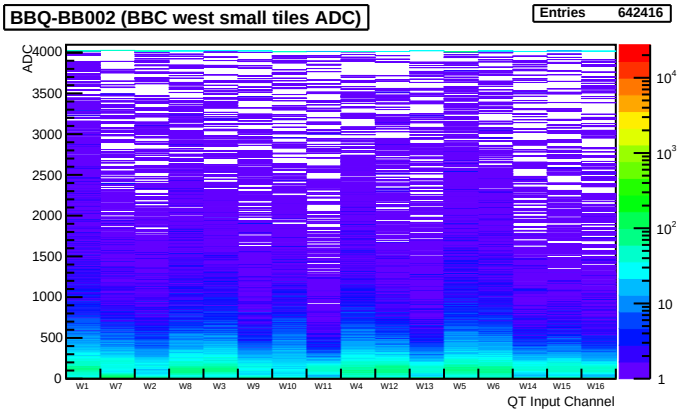
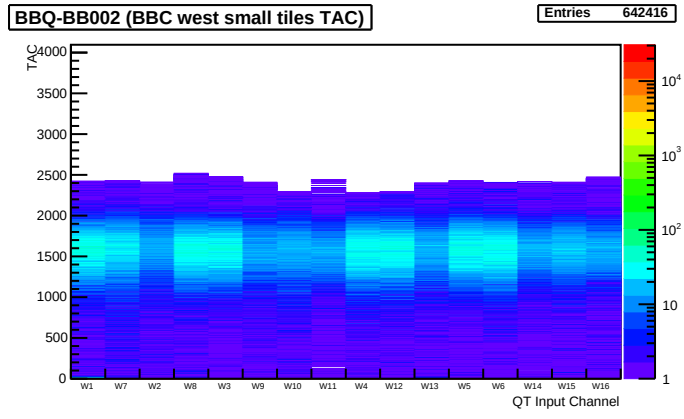
RPWHO2
RPWHI1
RPWHI2
10
1

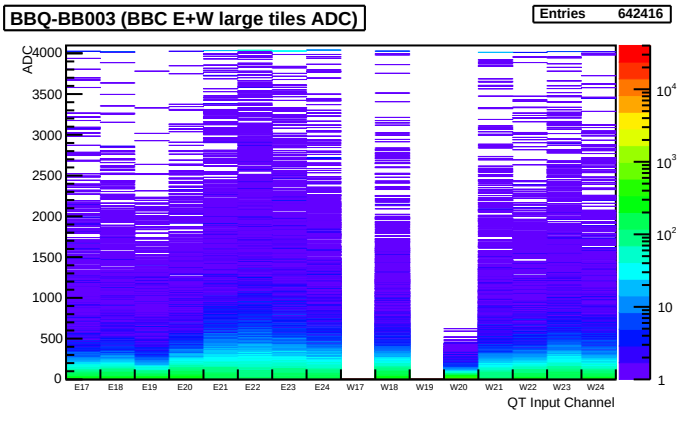

MXQ-PP001
Entries 642416
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

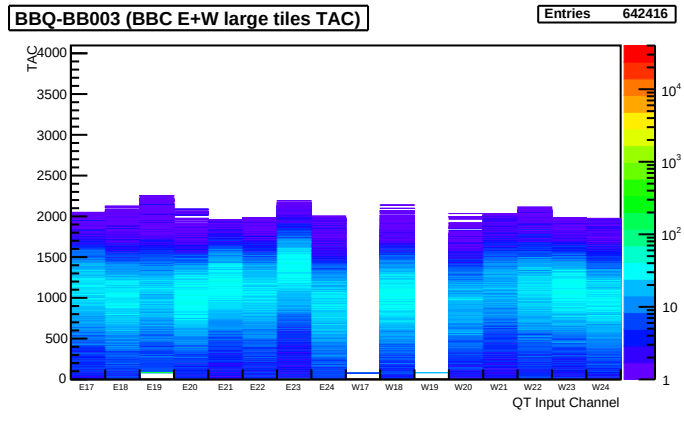

BBQ-BB001 (BBC east small tiles ADC)
Entries 642416
ADC
QT Input Channel

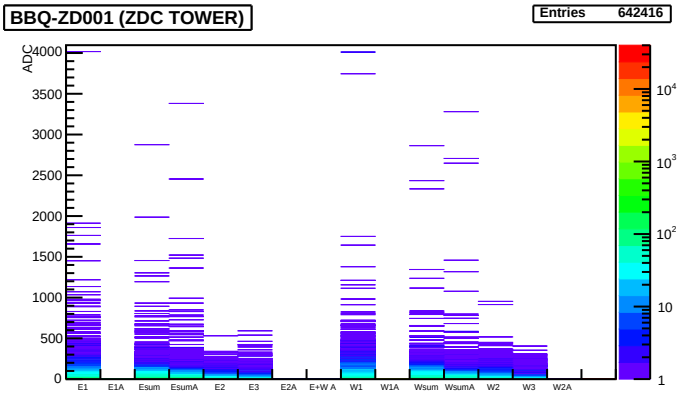

BBQ-BB001 (BBC east small tiles TAC)
Entries 642416
TAC
QT Input Channel

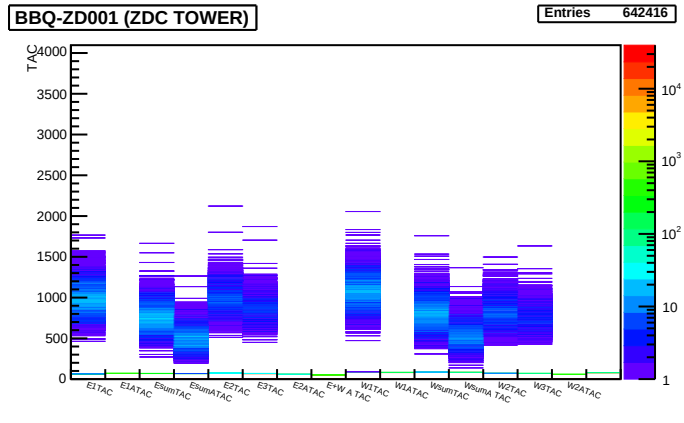

BBQ-BB002 (BBC west small tiles ADC)
Entries 642416
ADC
QT Input Channel

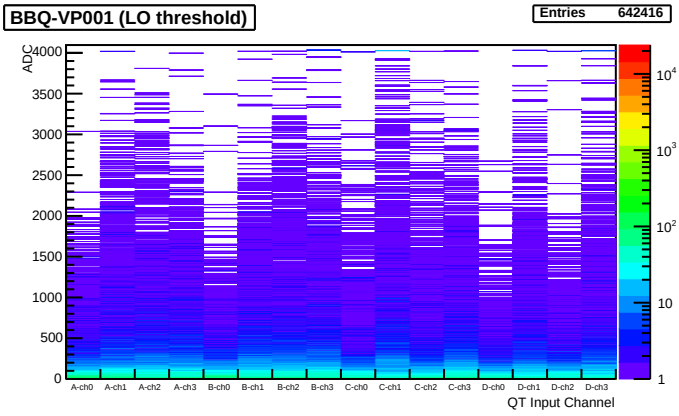

BBQ-BB002 (BBC west small tiles TAC)
Entries 642416
TAC
QT Input Channel

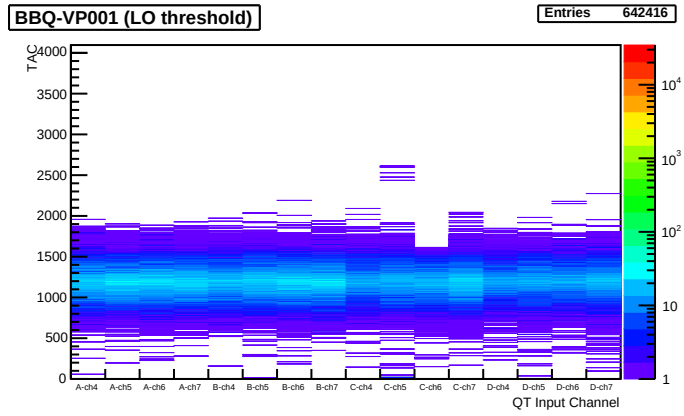

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 642416
ADC
QT Input Channel

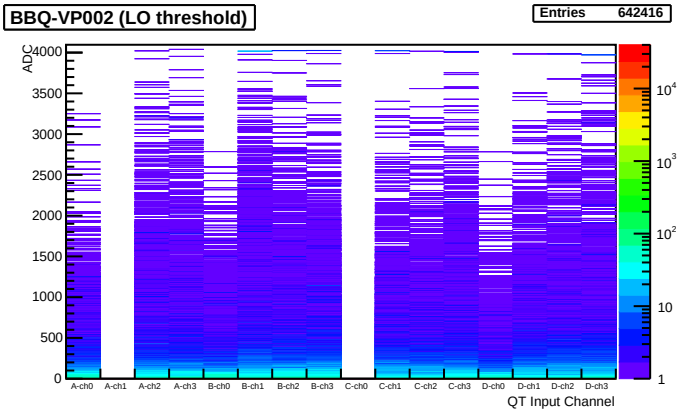

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 642416
TAC
QT Input Channel

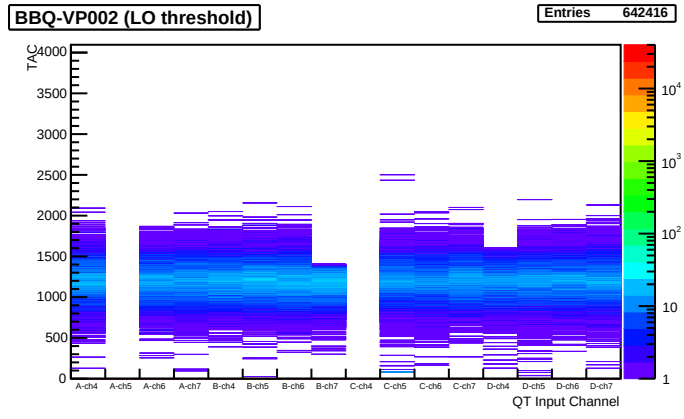

BBQ-ZD001 (ZDC TOWER)
Entries 642416
ADC

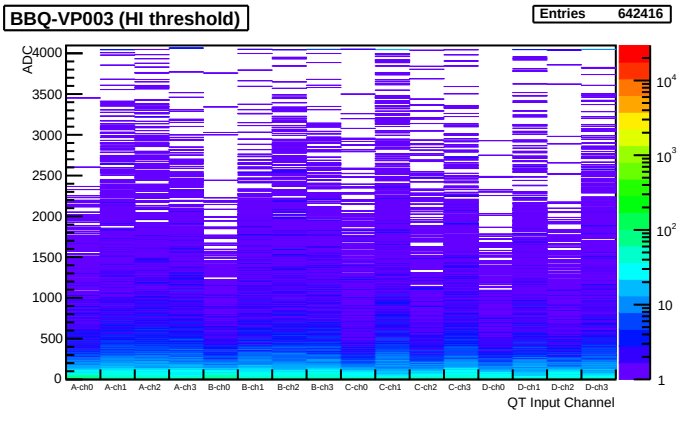

BBQ-ZD001 (ZDC TOWER)
Entries 642416
TAC

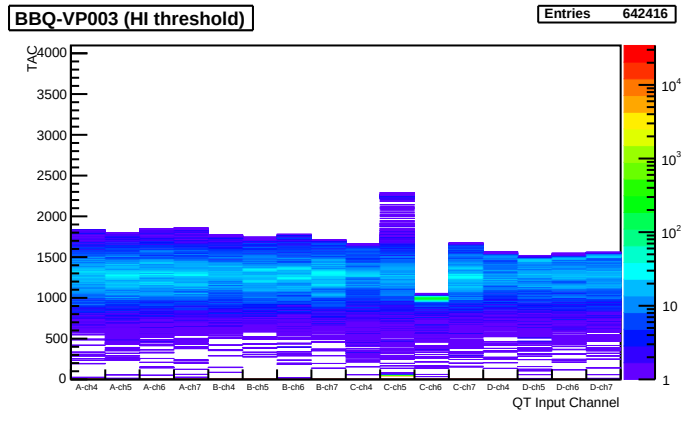

BBQ-VP001 (LO threshold)
Entries 642416
ADC
QT Input Channel

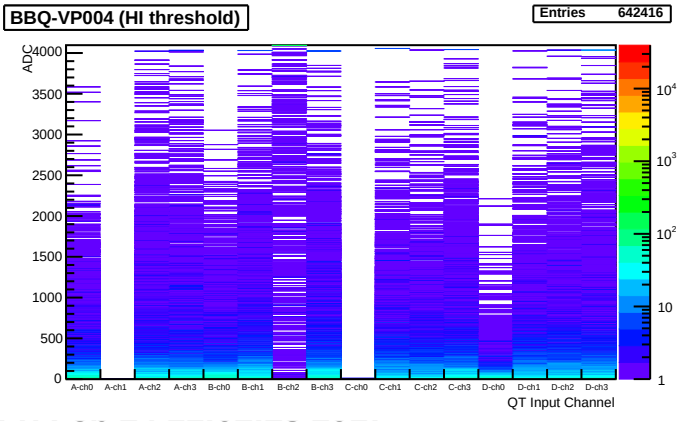

BBQ-VP001 (LO threshold)
Entries 642416
TAC
QT Input Channel

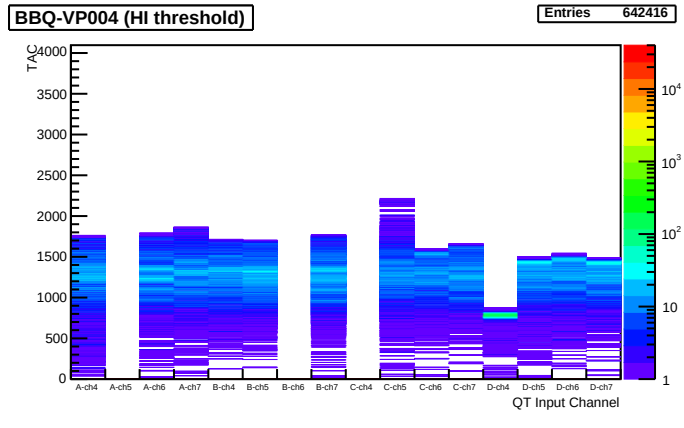

BBQ-VP002 (LO threshold)
Entries 642416
ADC
QT Input Channel

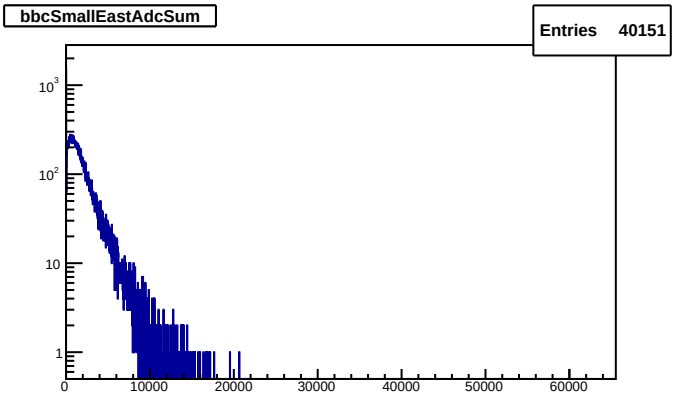

BBQ-VP002 (LO threshold)
Entries 642416
TAC
QT Input Channel

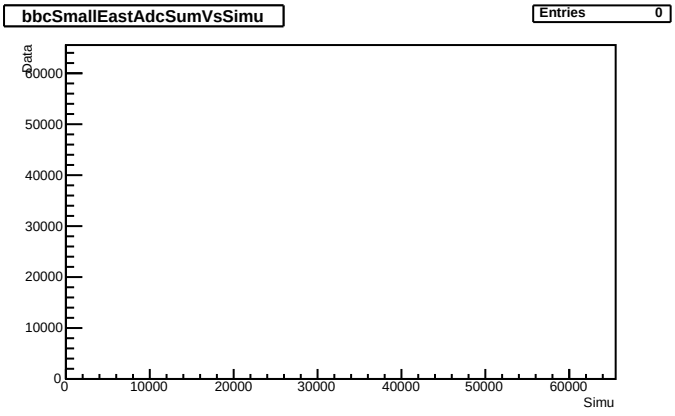

BBQ-VP003 (HI threshold)
Entries 642416
ADC
QT Input Channel

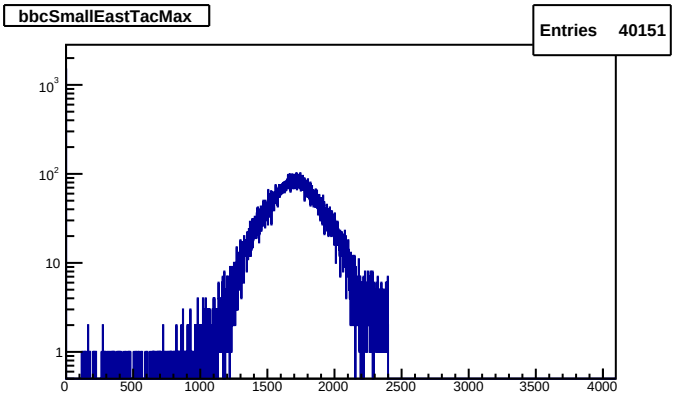

BBQ-VP003 (HI threshold)
Entries 642416
TAC
QT Input Channel

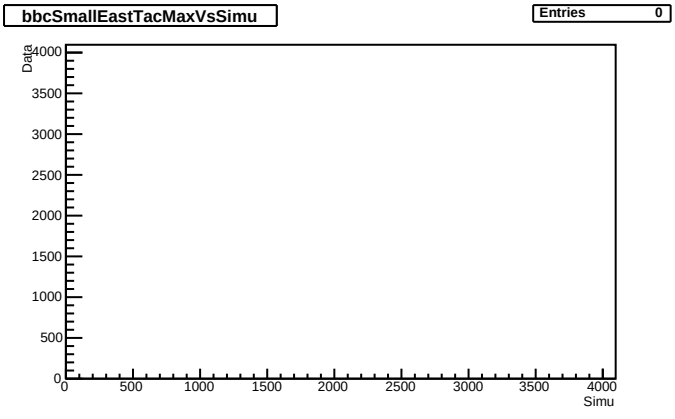

BBQ-VP004 (HI threshold)
Entries 642416
ADC
QT Input Channel

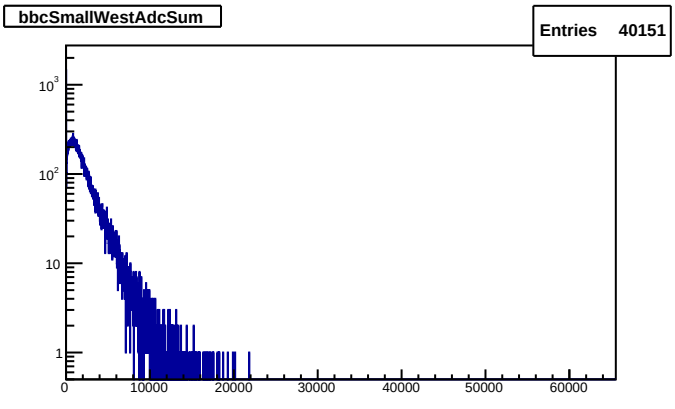

BBQ-VP004 (HI threshold)
Entries 642416
TAC
QT Input Channel

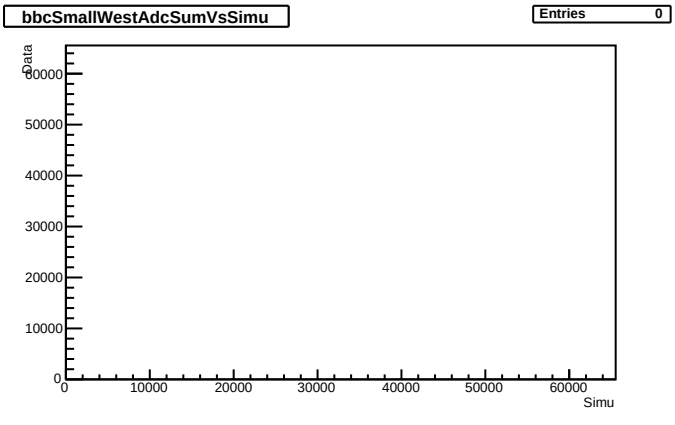

bbcSmallEastAdcSum
Entries 40151

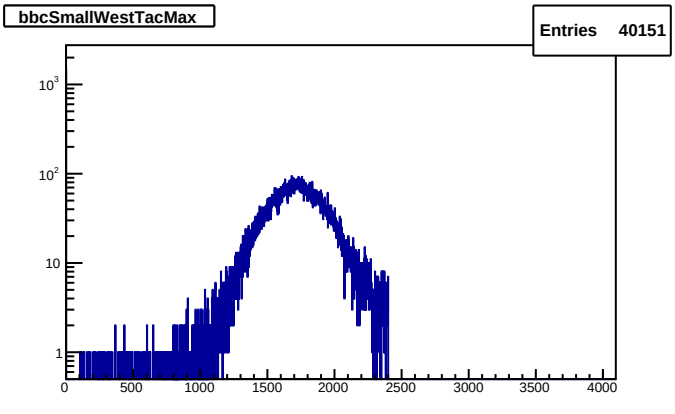

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

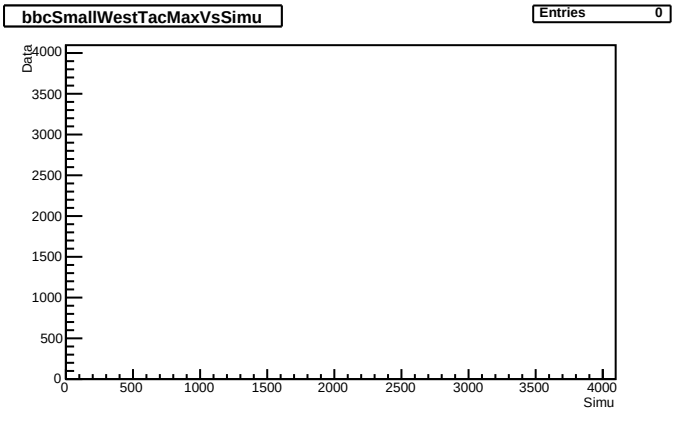

bbcSmallEastTacMax
Entries 40151

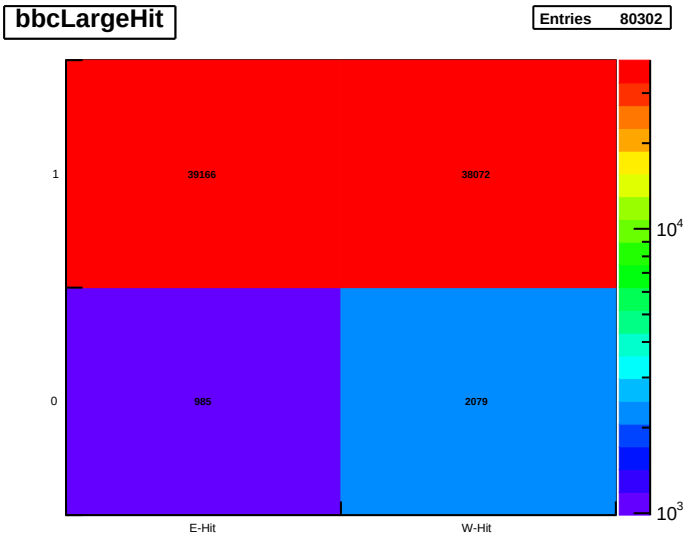

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

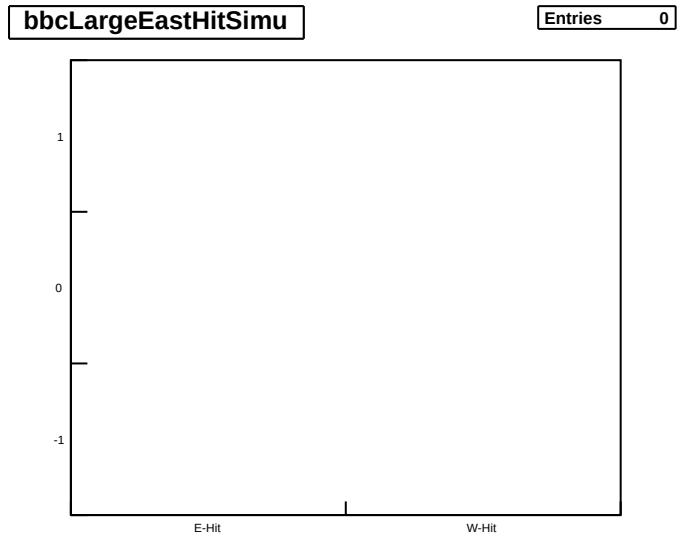

bbcSmallWestAdcSum
Entries 40151

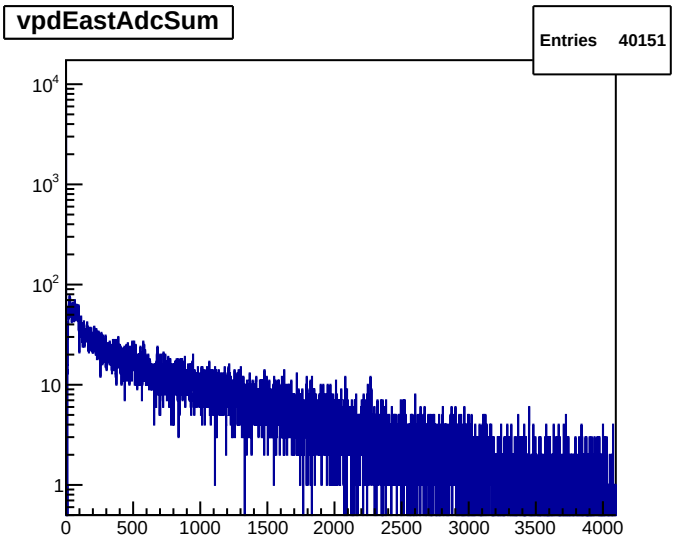

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

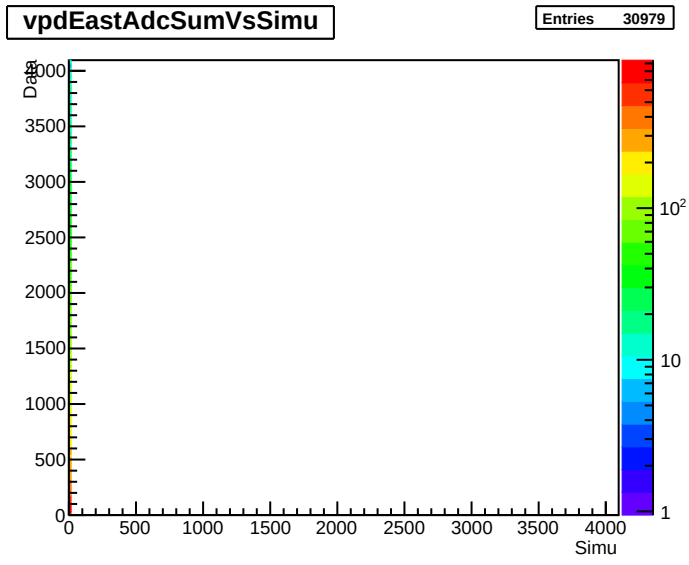

bbcSmallWestTacMax
Entries 40151

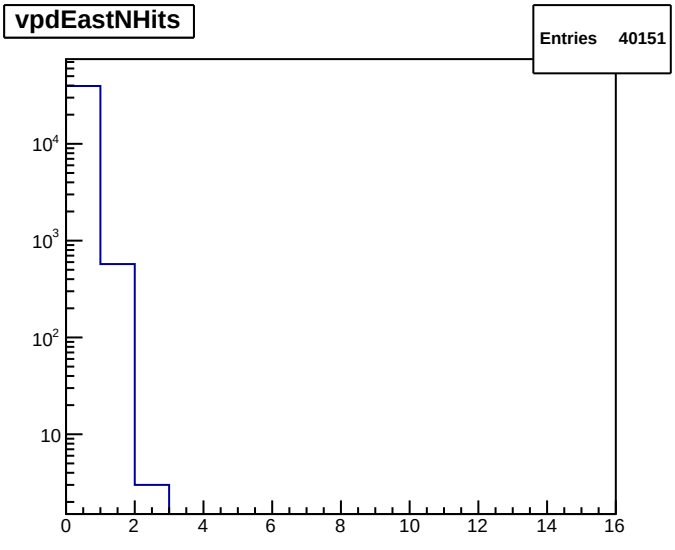

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

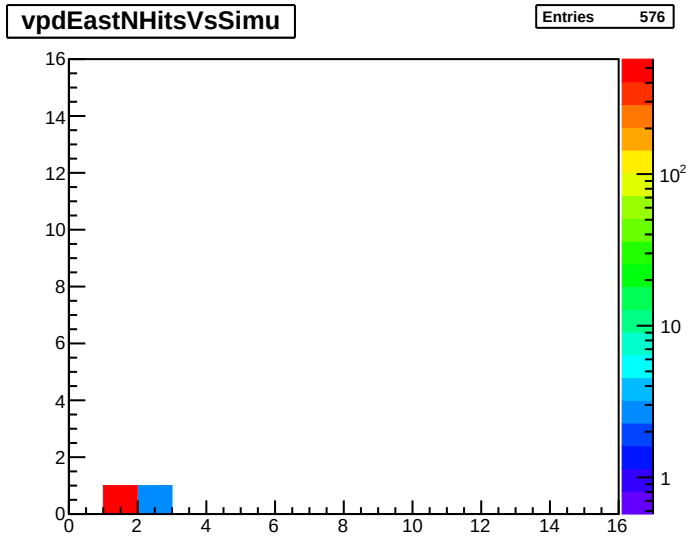

bbcLargeHit
Entries 80302
1
0
39166
38072
985
2079
E-Hit
W-Hit
10^4
10^3

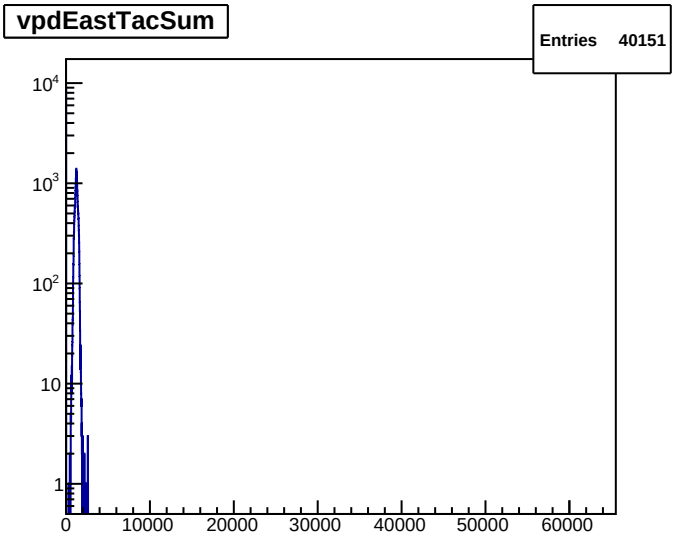

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

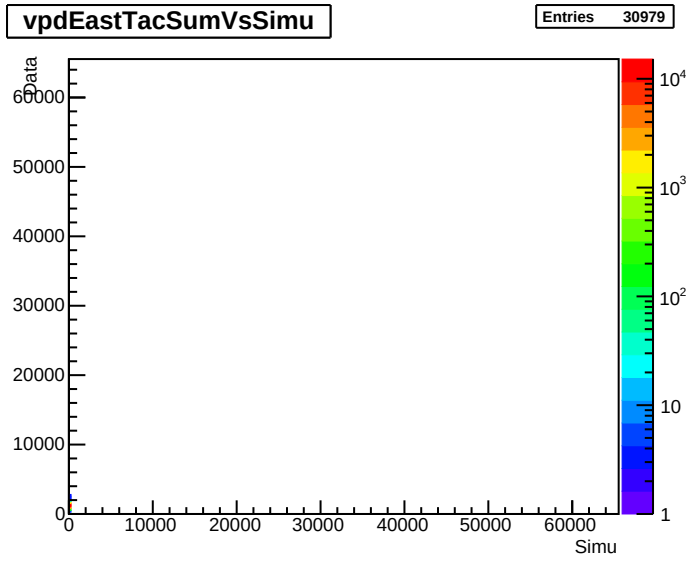

vpdEastAdcSum
Entries 40151

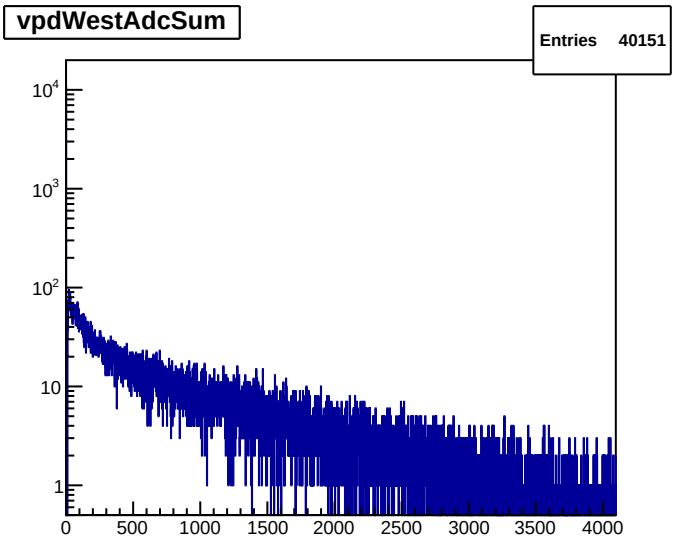

vpdEastAdcSumVsSimu
Entries 30979
Data
Simu

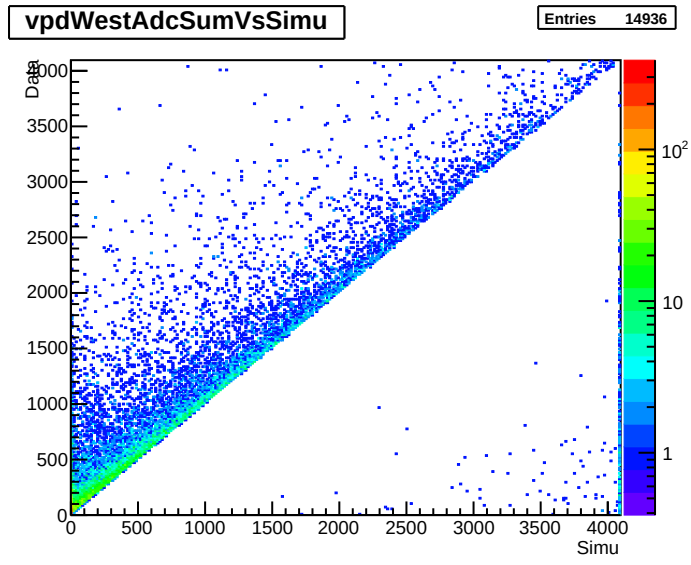

vpdEastNHits
Entries 40151

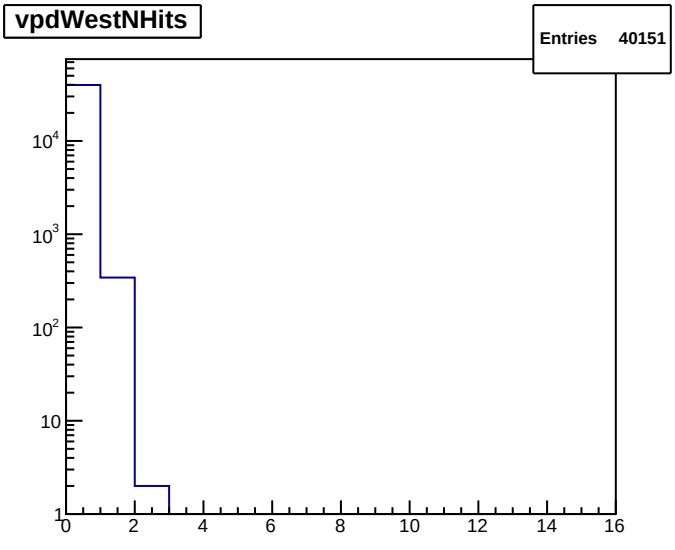

vpdEastNHitsVsSimu
Entries 576

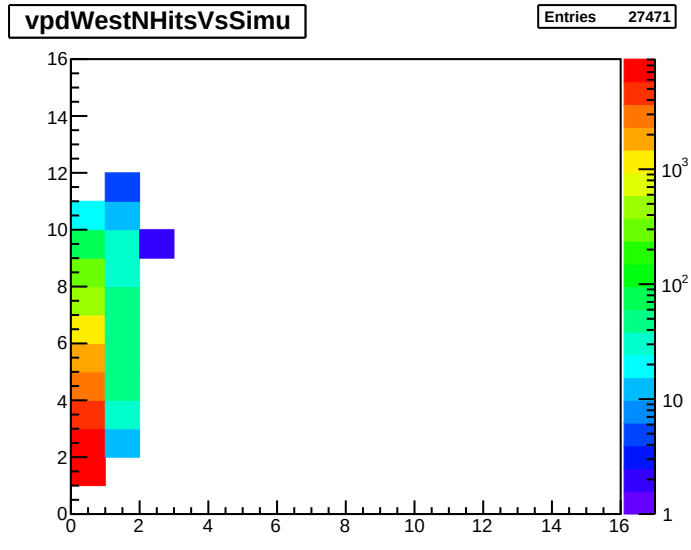

vpdEastTacSum
Entries 40151

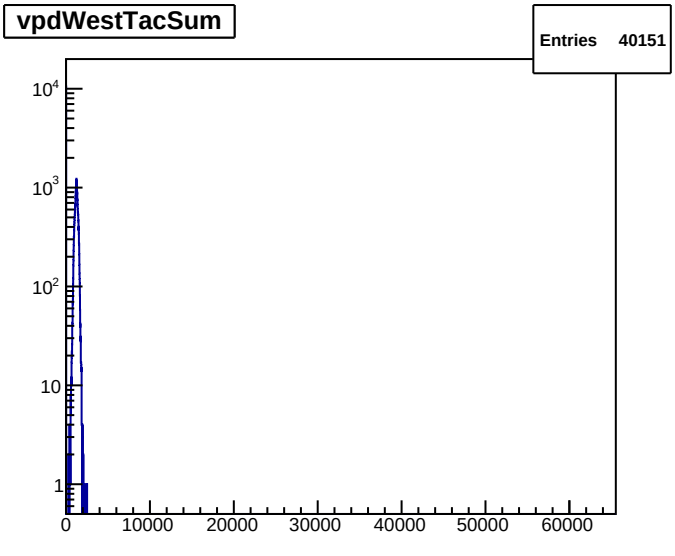

vpdEastTacSumVsSimu
Entries 30979
Data
Simu

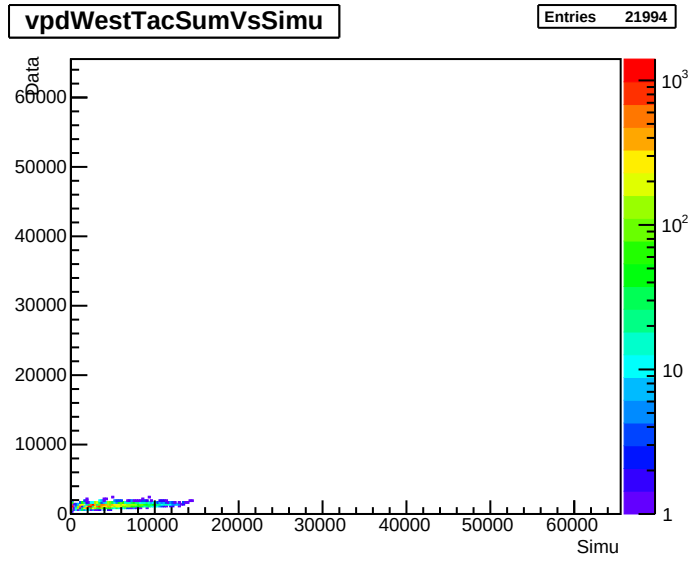

vpdWestAdcSum
Entries 40151

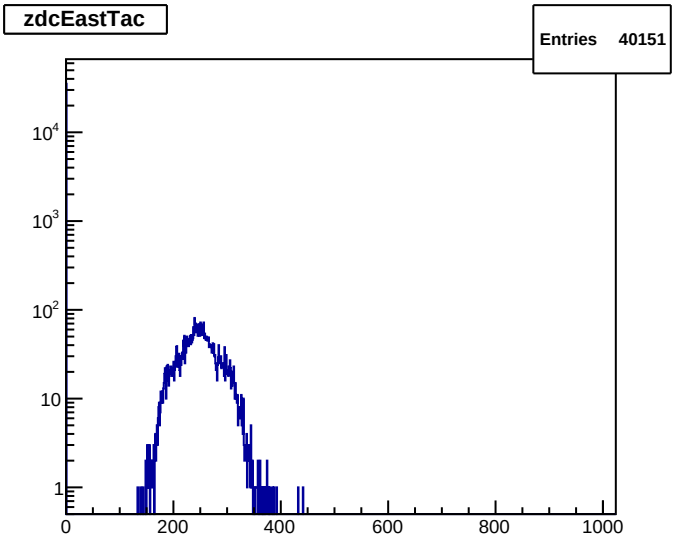

vpdWestAdcSumVsSimu
Entries 14936
Data
Simu

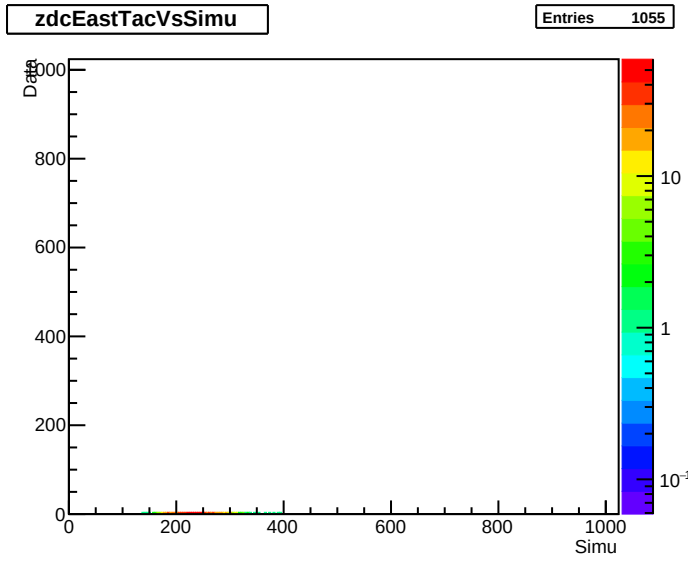

vpdWestNHits
Entries 40151

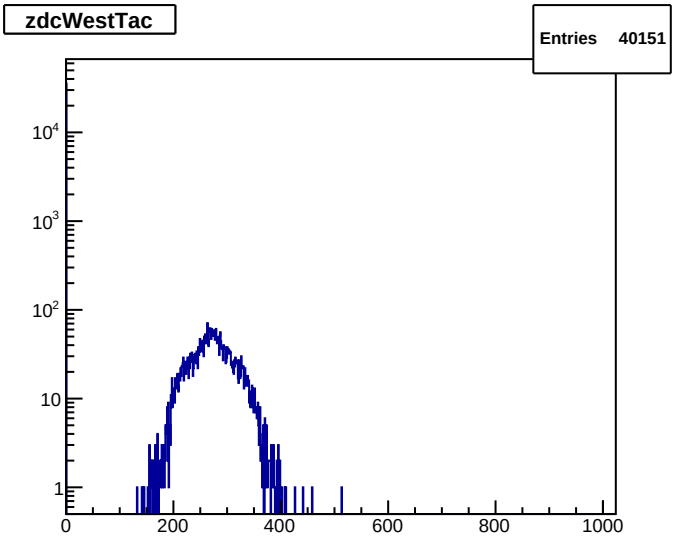

vpdWestNHitsVsSimu
Entries 27471

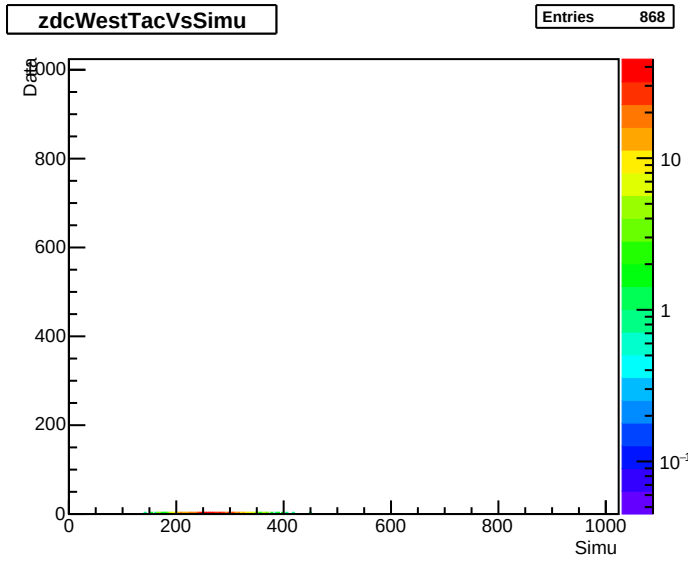

vpdWestTacSum
Entries 40151

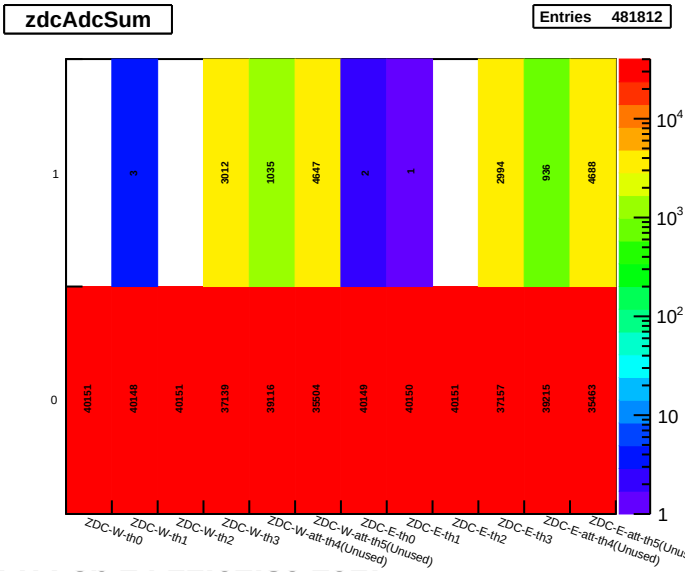

vpdWestTacSumVsSimu
Entries 21994
Data
Simu

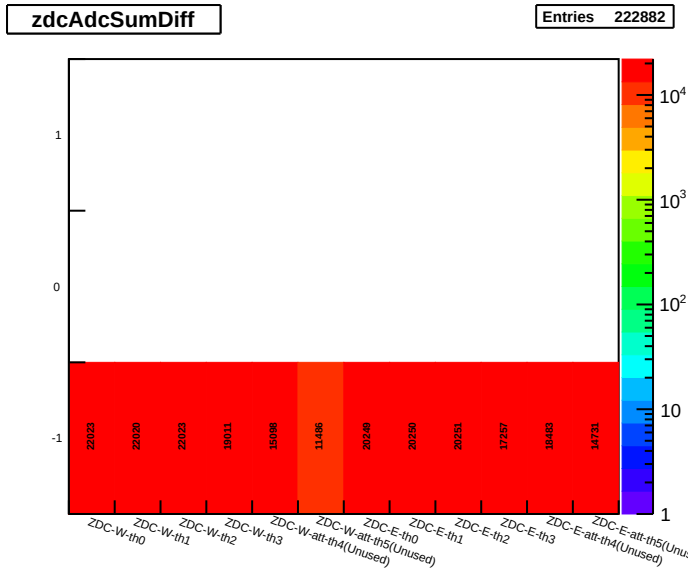

zdcEastTac
Entries 40151

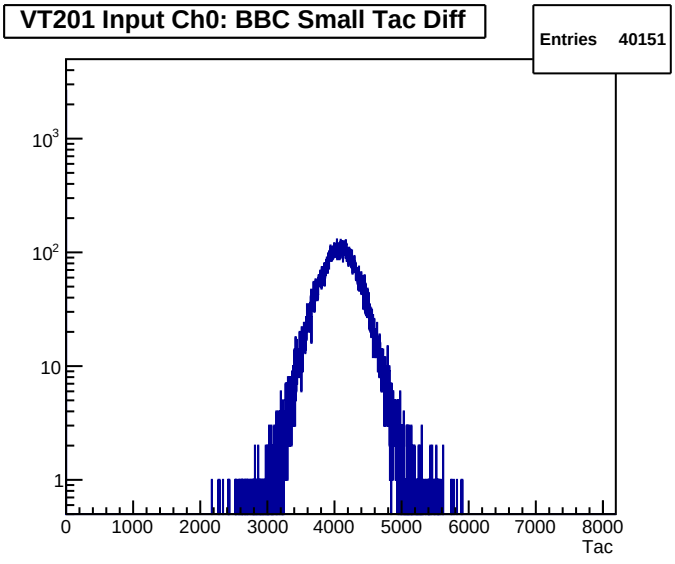

zdcEastTacVsSimu
Entries 1055
Data
Simu

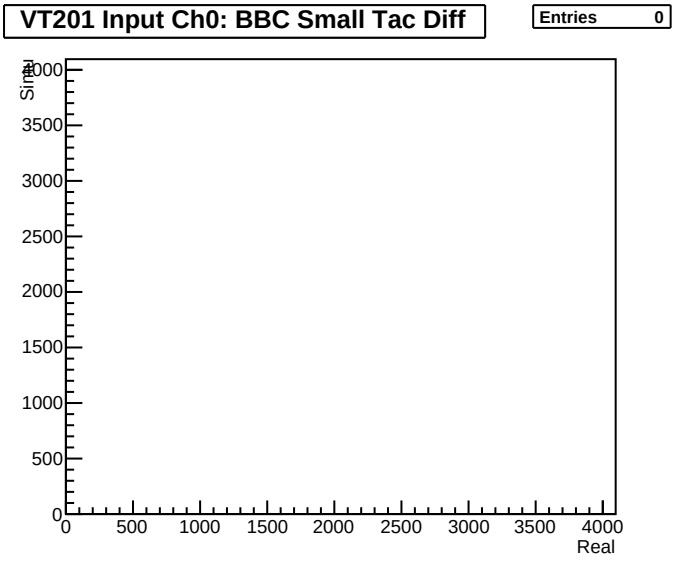

zdcWestTac
Entries 40151

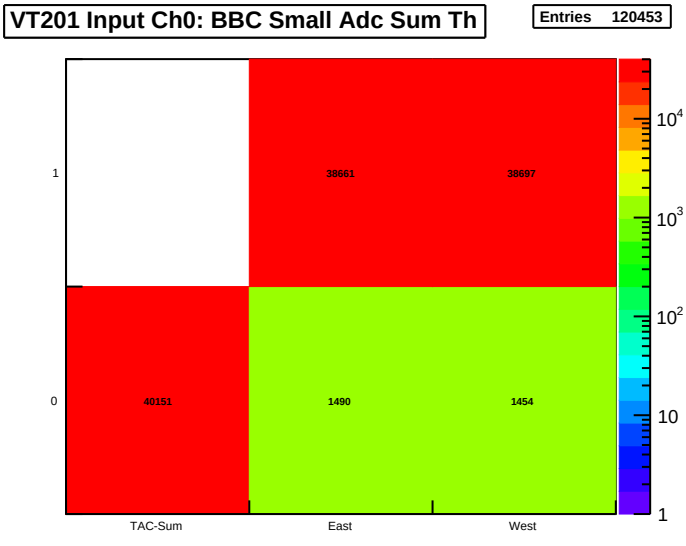

zdcWestTacVsSimu
Entries 868
Data
Simu

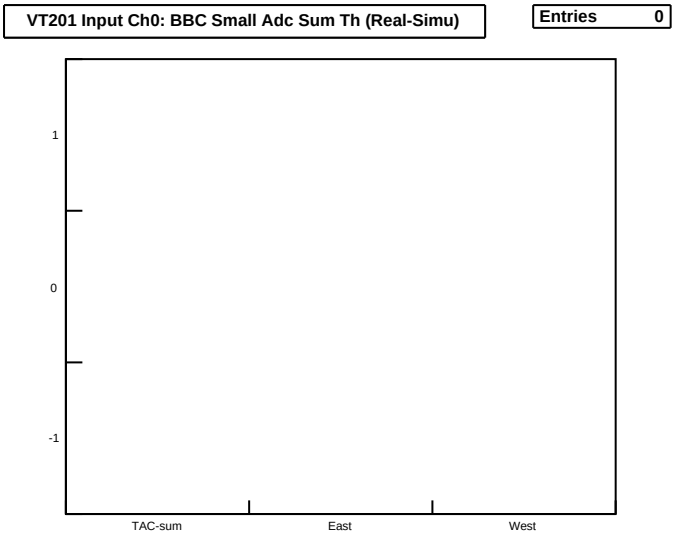

zdcAdcSum
Entries 481812
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

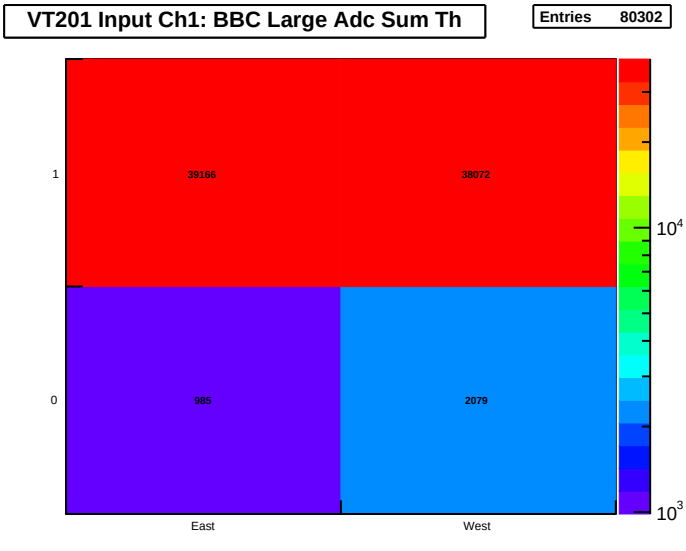

zdcAdcSumDiff
Entries 222882
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

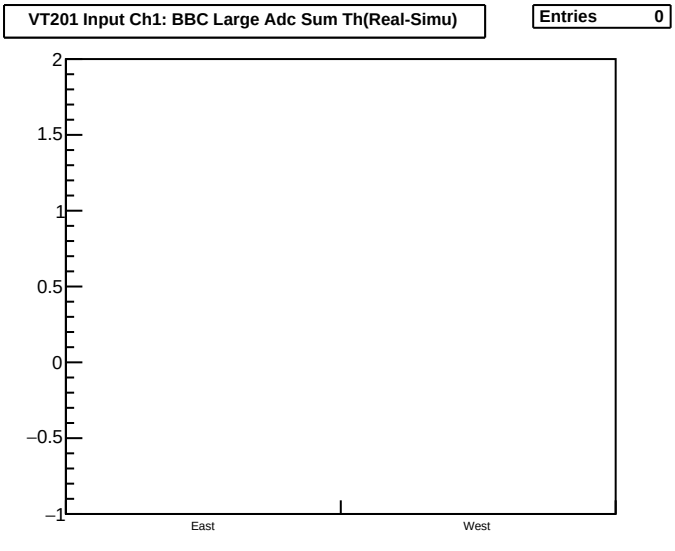

VT201 Input Ch0: BBC Small Tac Diff
Entries 40151
Tac


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

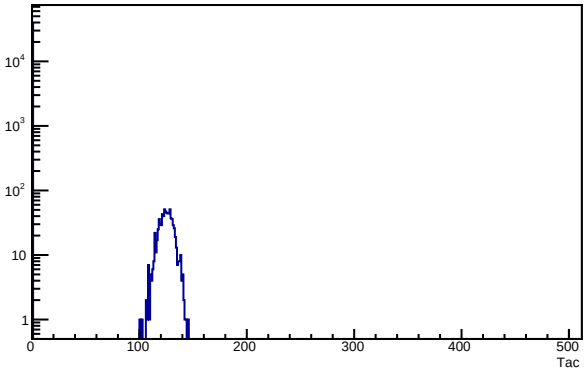

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 120453
38661
38697
40151
1490
1454
TAC-Sum
East
West


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

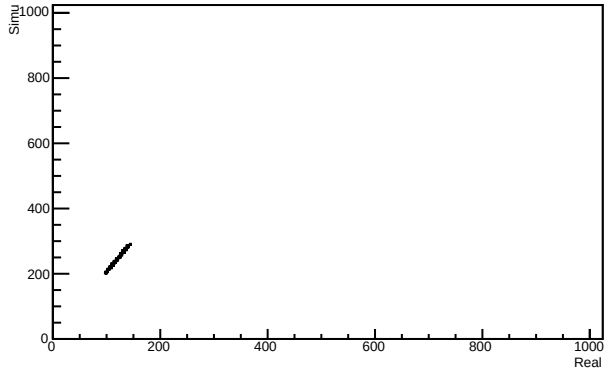

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 80302
39166
38072
985
2079
East
West


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

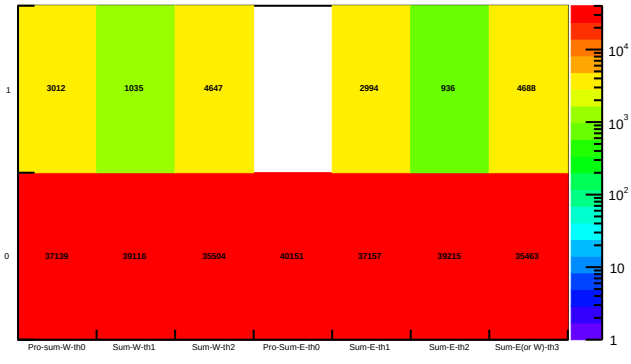
VT201 Input Ch2: ZDC Tac Diff



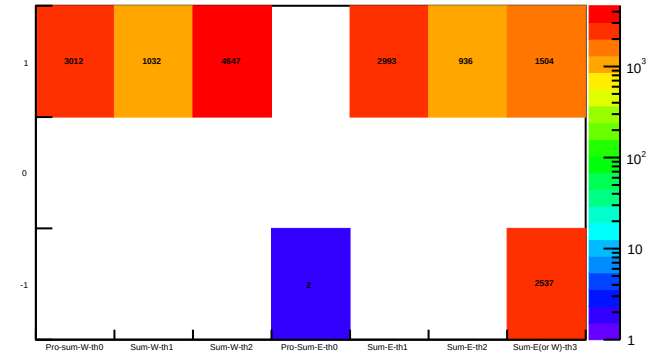
VT201 Input Ch2: ZDC Tac Diff



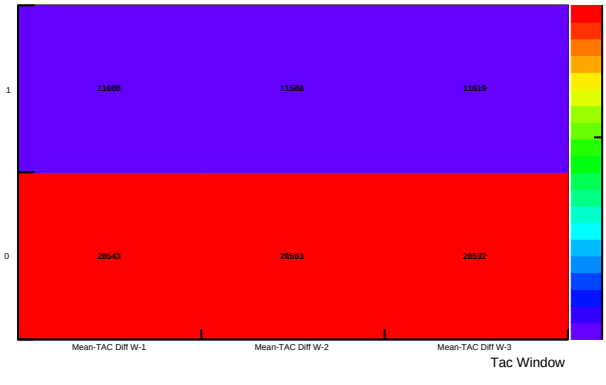
VT201 Input Ch2: ZDC Adc Sum Th



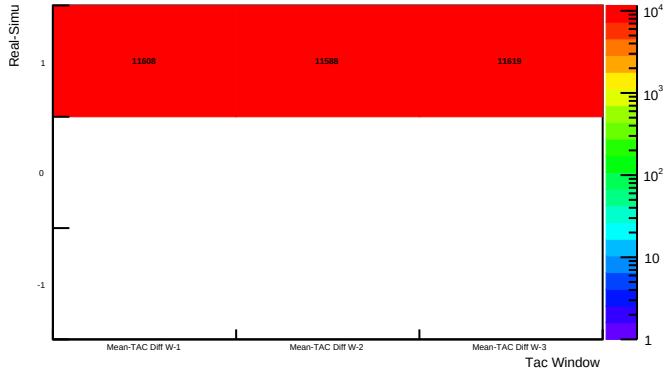
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



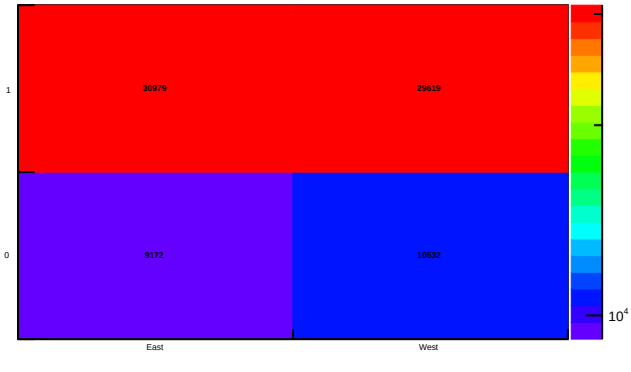
VT201 Input Ch4: VPD Tac Diff



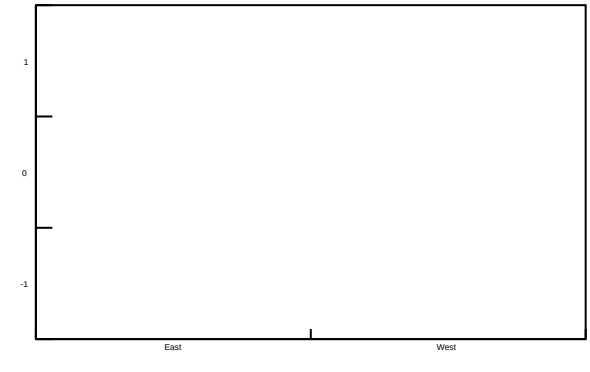
VT201 Input Ch4: VPD Tac Diff

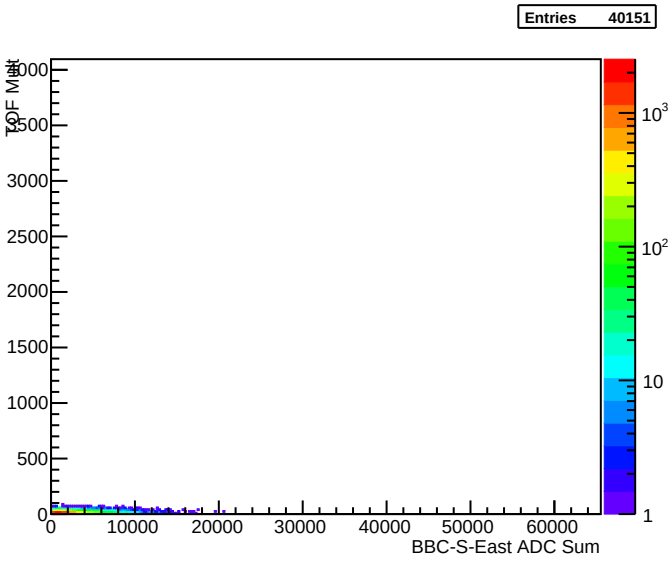


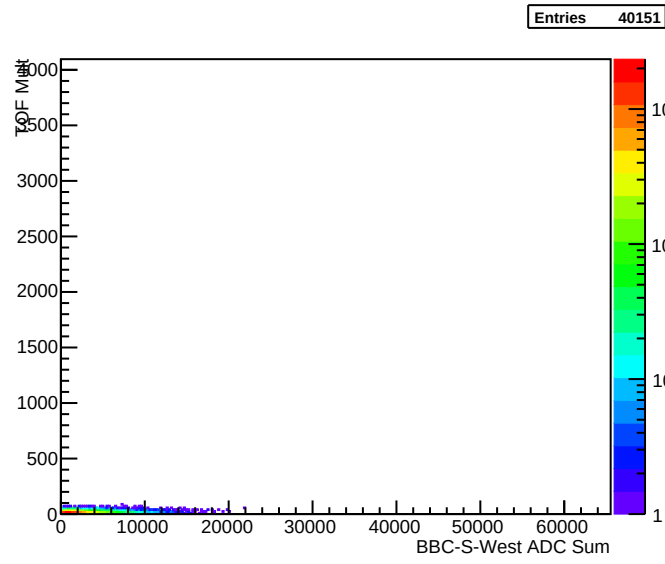
VT201 Input Ch4: VPD Adc Sum Th

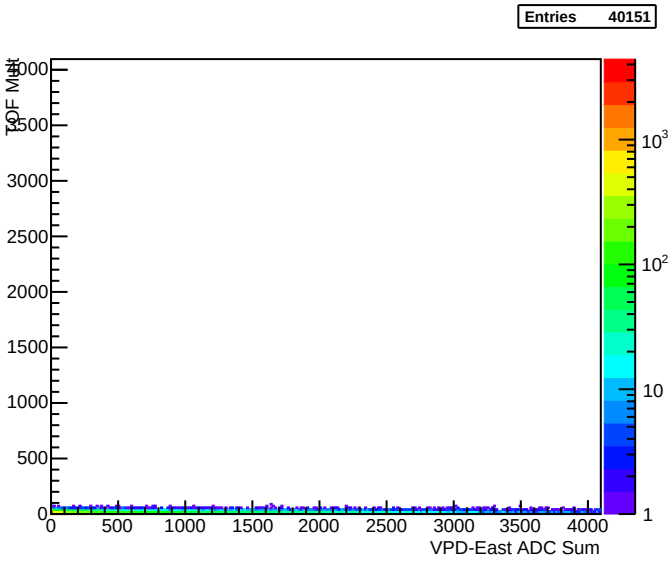


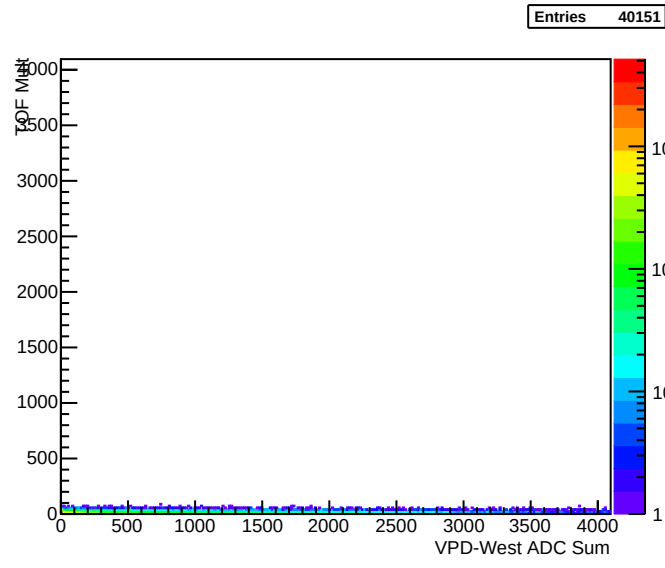
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

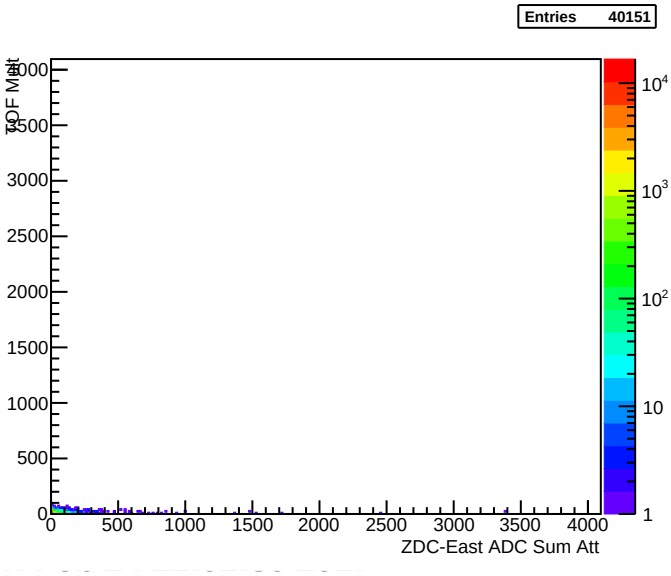


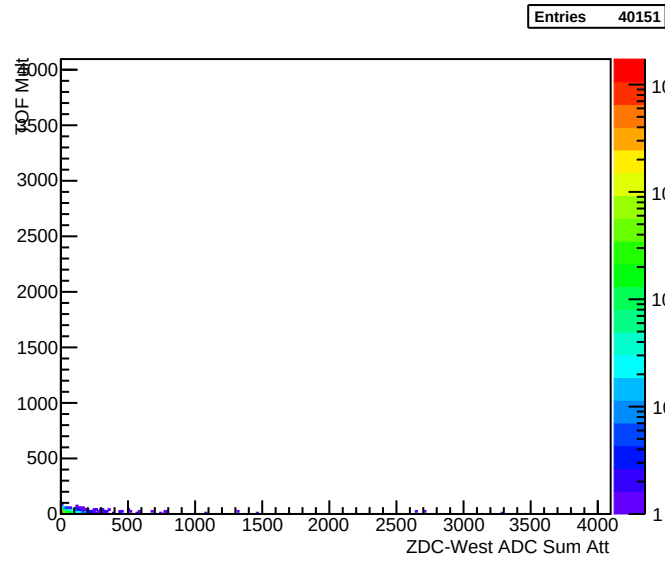

Entries 40151
TOF Mult
BBC-S-East ADC Sum

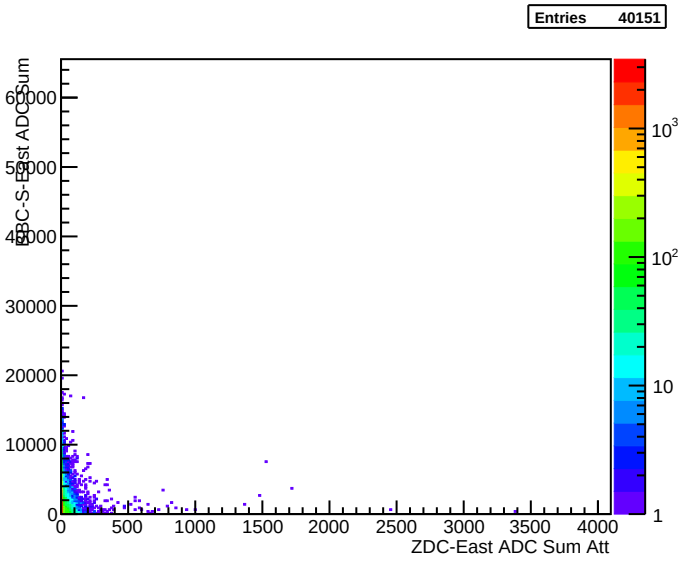

Entries 40151
TOF Mult
BBC-S-West ADC Sum

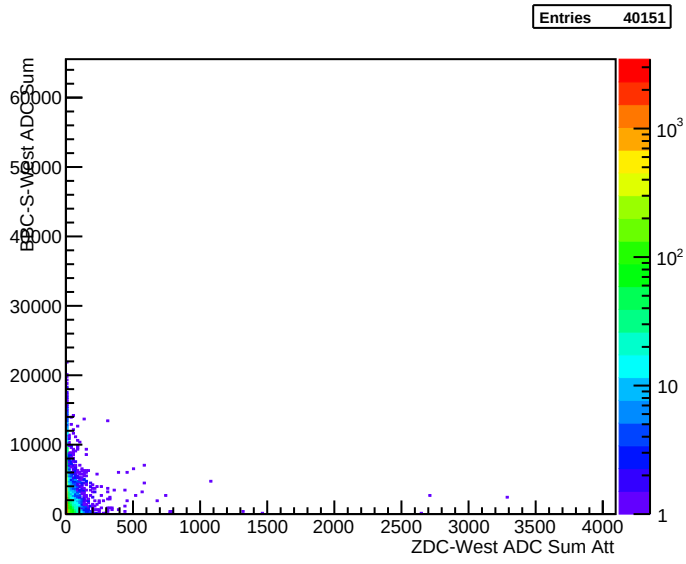

Entries 40151
TOF Mult
VPD-East ADC Sum

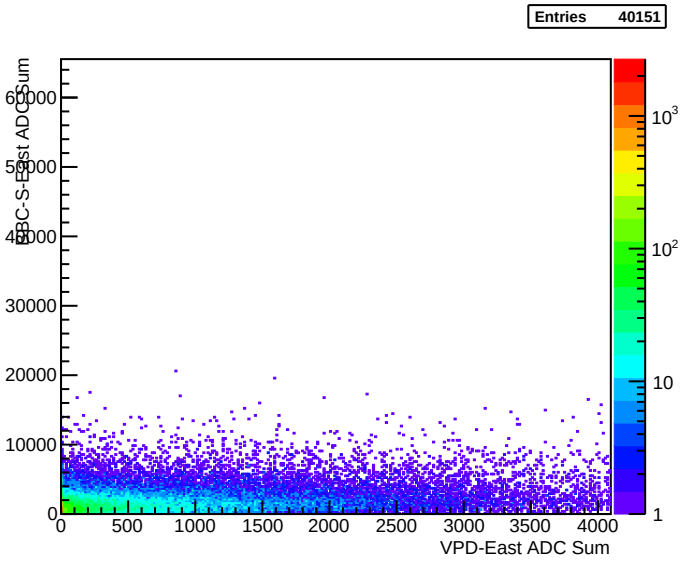

Entries 40151
TOF Mult
VPD-West ADC Sum

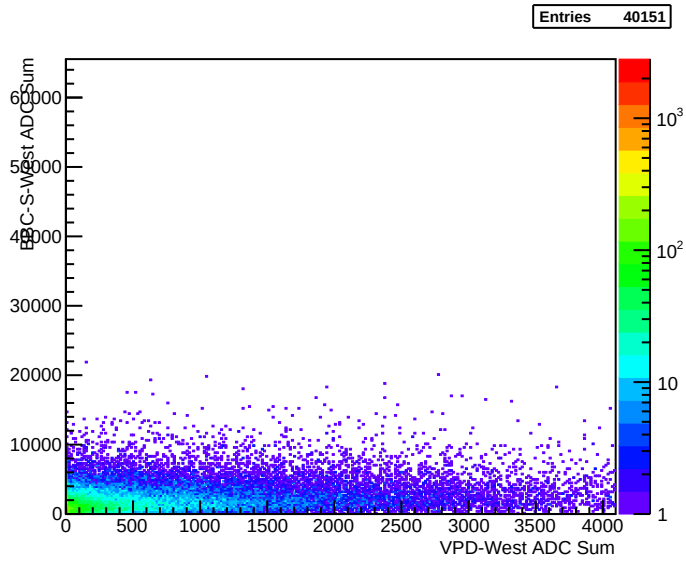

Entries 40151
TOF Mult
ZDC-East ADC Sum Att

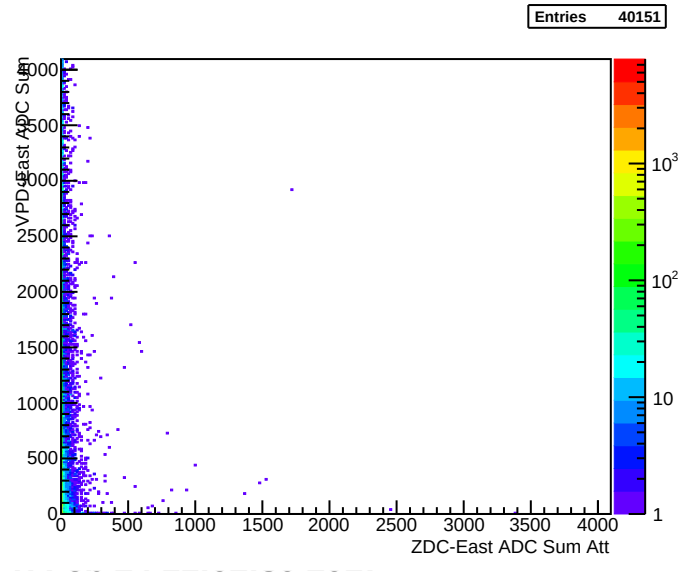

Entries 40151
TOF Mult
ZDC-West ADC Sum Att

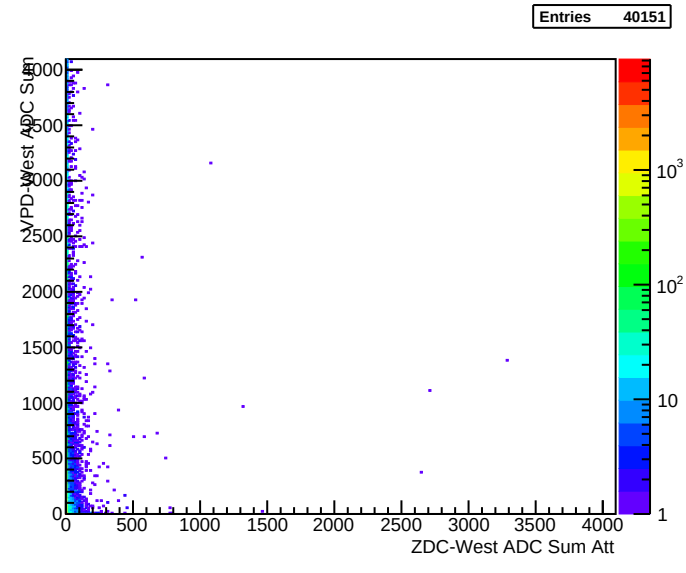

Entries 40151
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

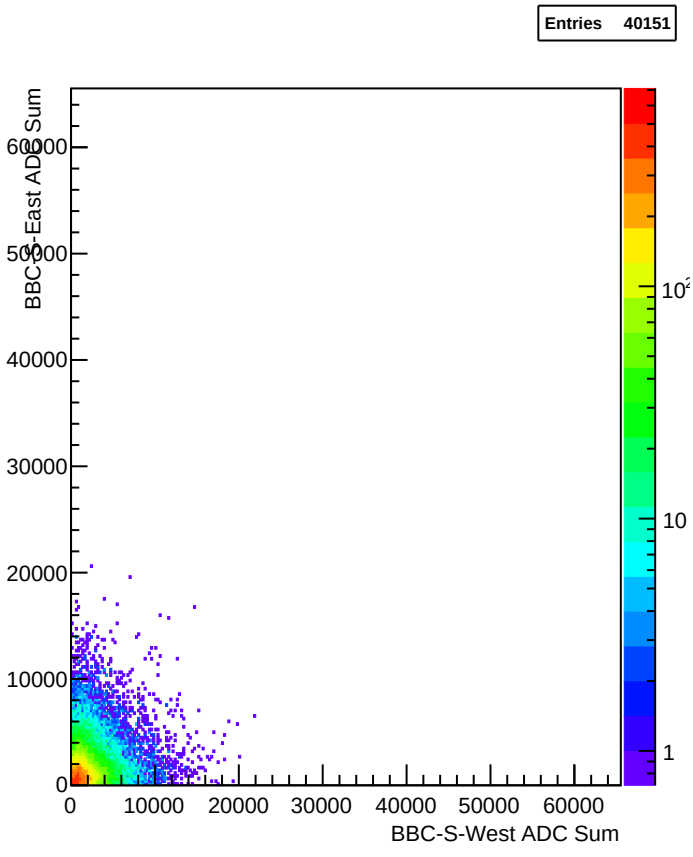

Entries 40151
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

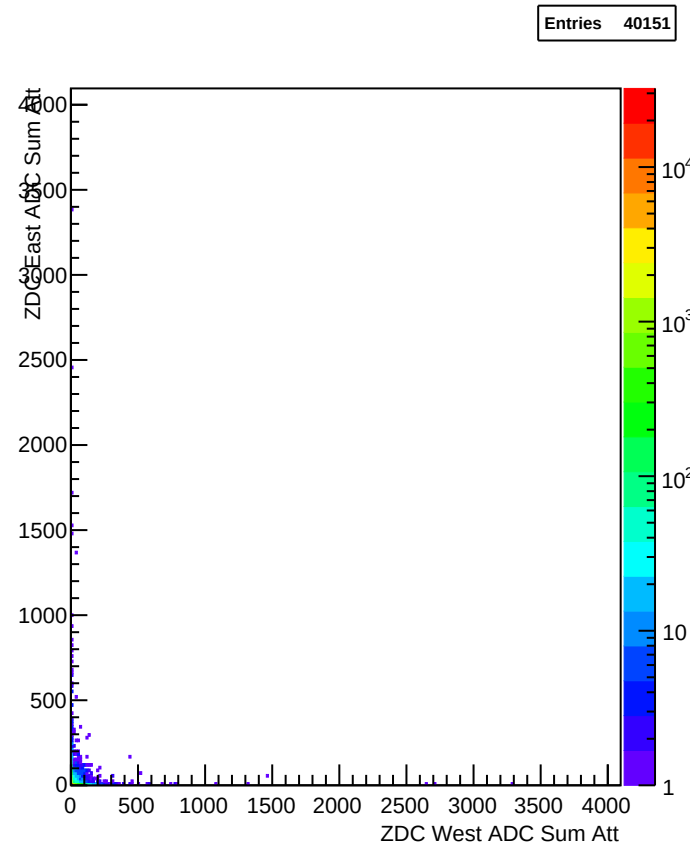

Entries 40151
BBC-S-East ADC Sum
VPD-East ADC Sum

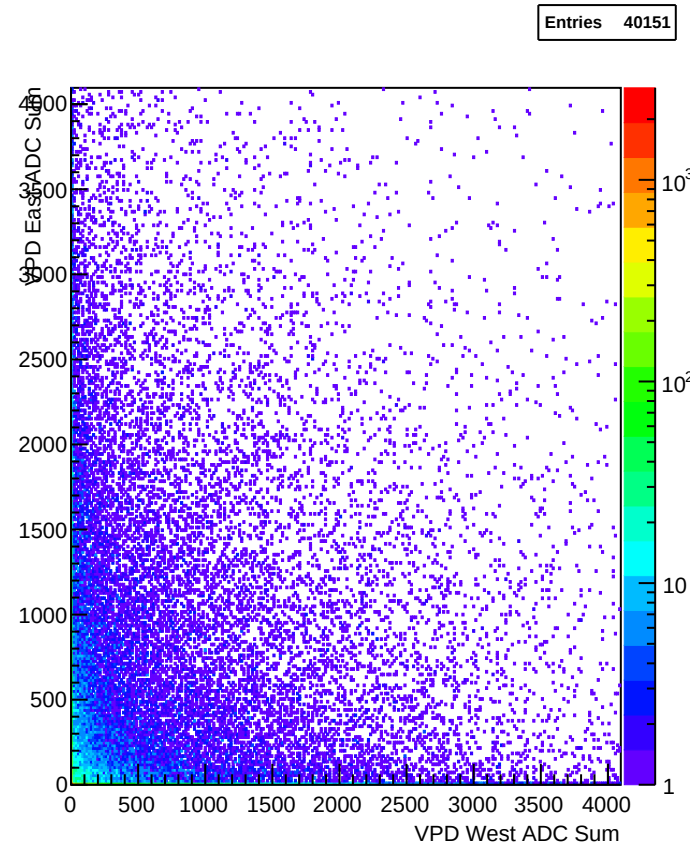

Entries 40151
BBC-S-West ADC Sum
VPD-West ADC Sum

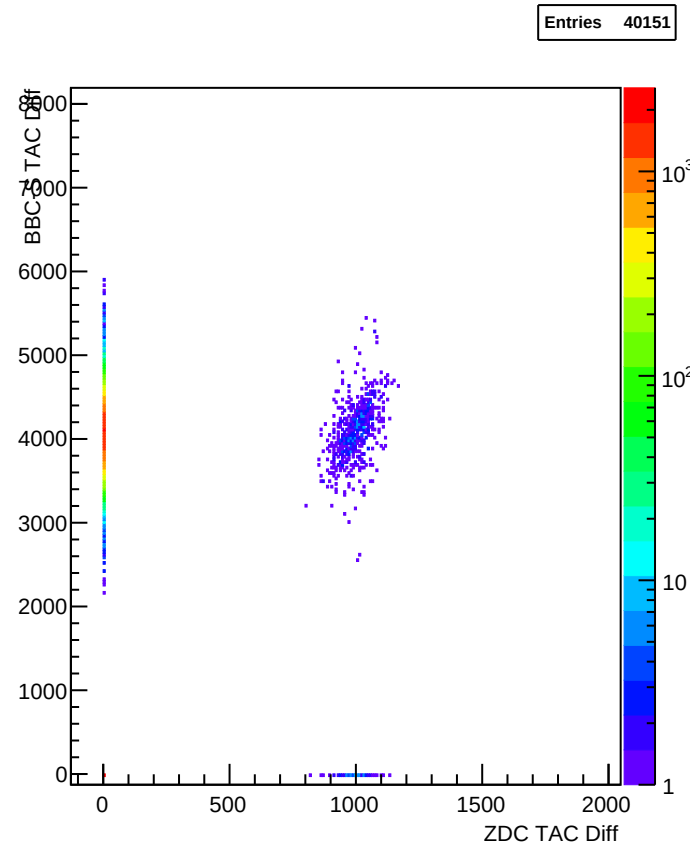

Entries 40151
VPD-East ADC Sum
ZDC-East ADC Sum Att

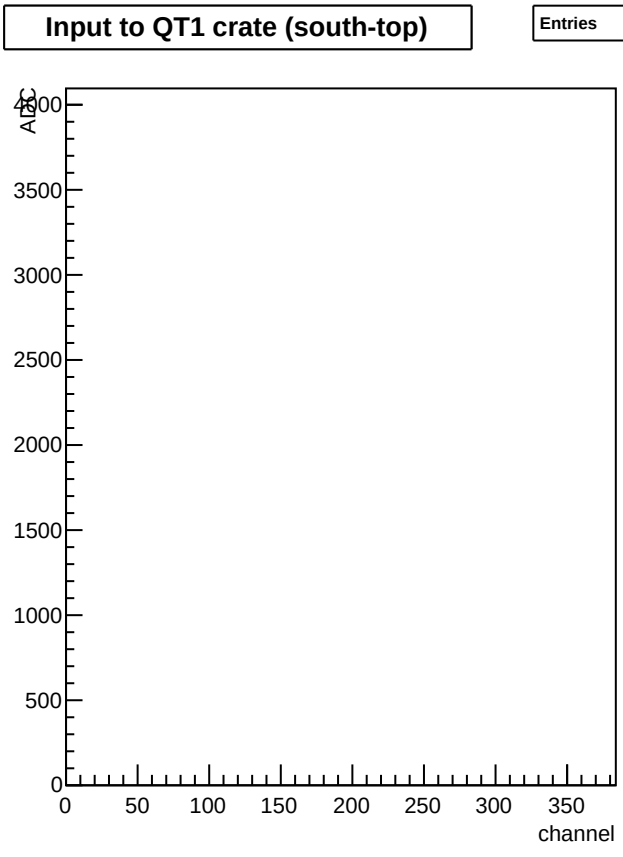

Entries 40151
VPD-West ADC Sum
ZDC-West ADC Sum Att

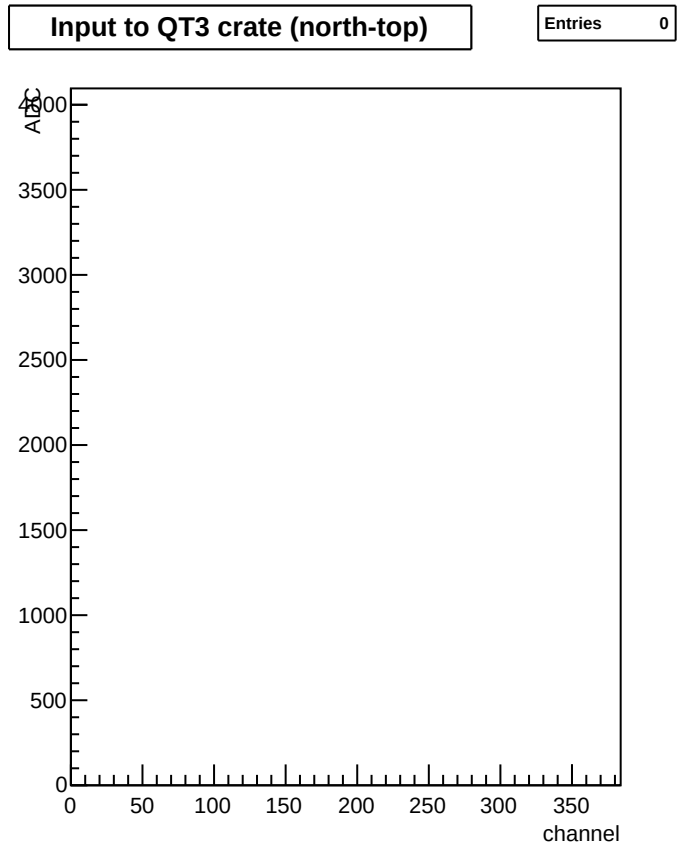

Entries 40151
BBC-S-East ADC Sum
BBC-S-West ADC Sum

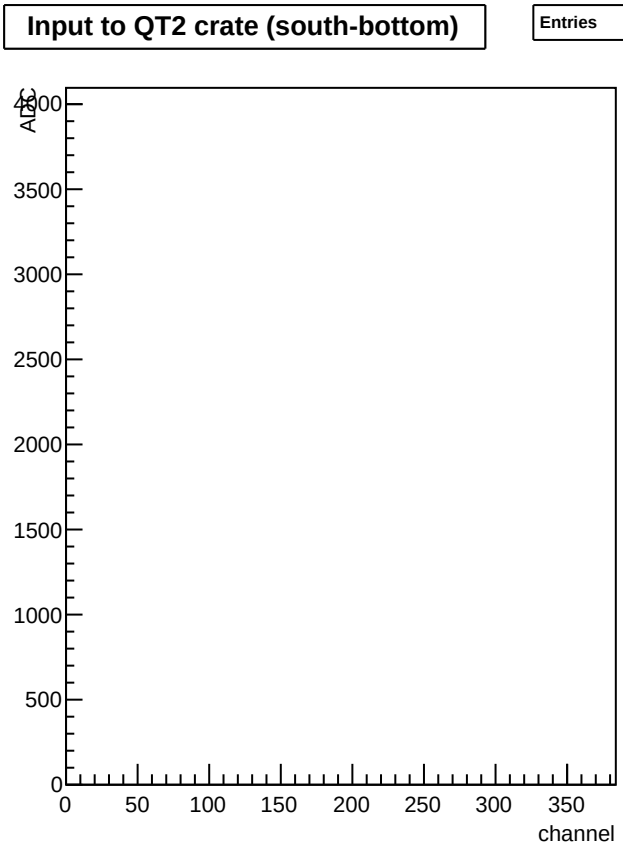

Entries 40151
ZDC East ADC Sum Att
ZDC West ADC Sum Att

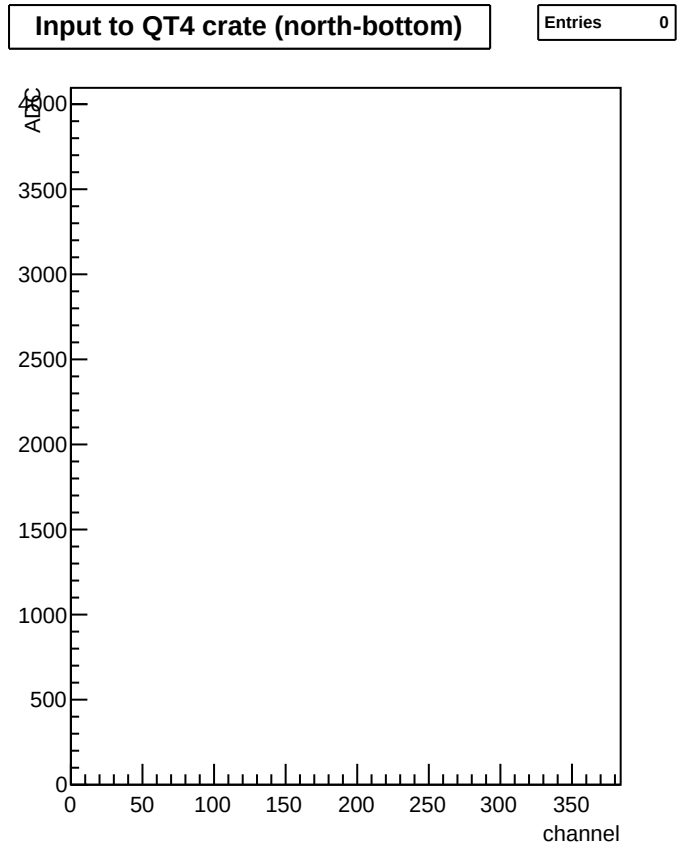

Entries 40151
VPD East ADC Sum
VPD West ADC Sum

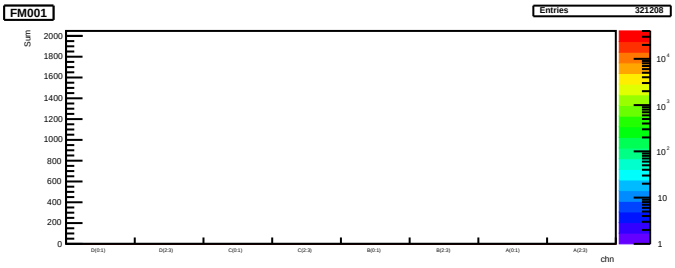

Entries 40151
BBC-S TAC Diff
ZDC TAC Diff

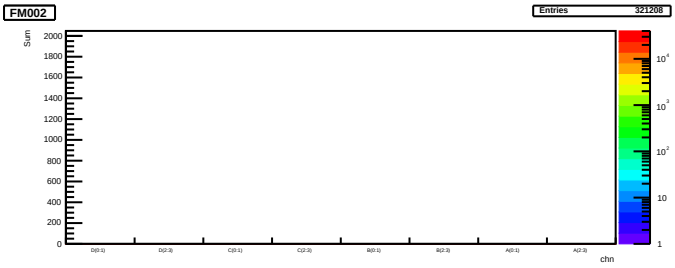

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

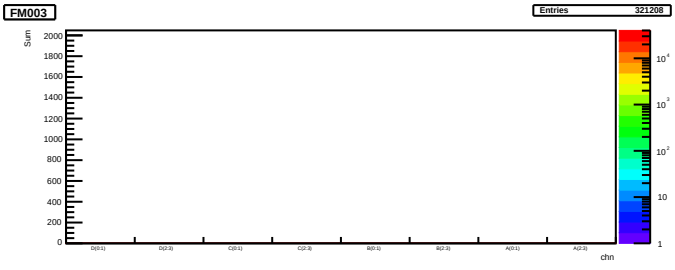

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

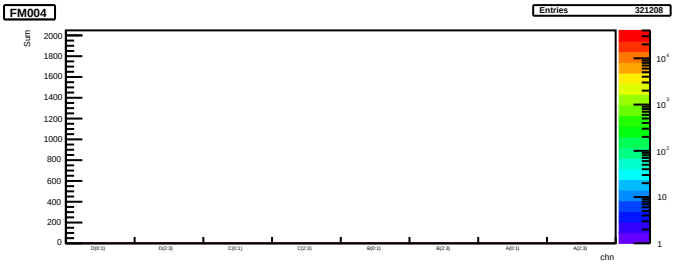

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

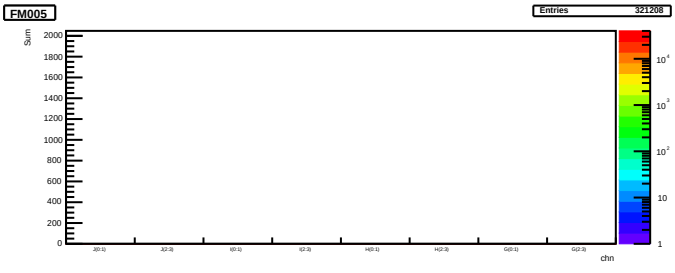

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

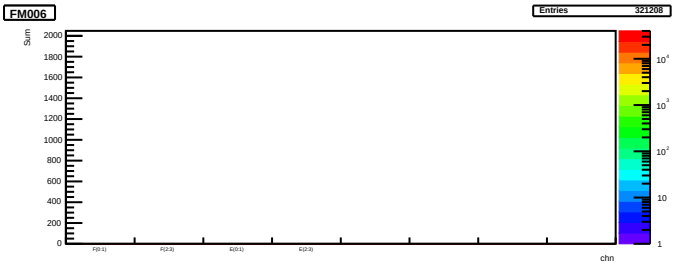

FM001
Entries 321208
Sum
chn

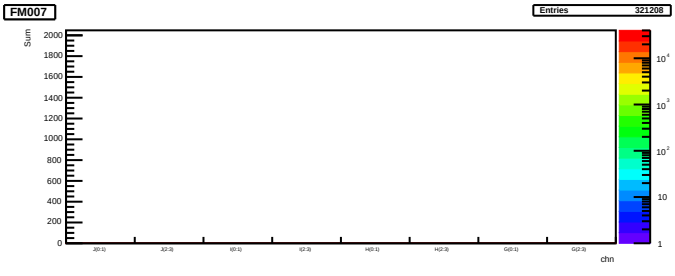

FM002
Entries 321208
Sum
chn

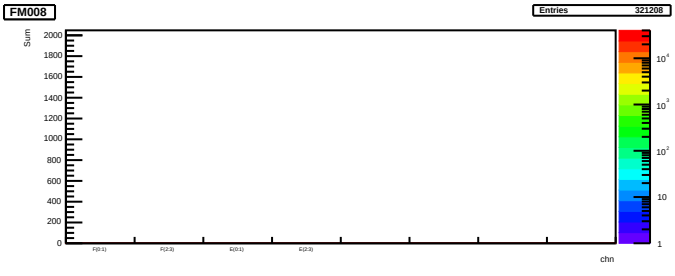

FM003
Entries 321208
Sum
chn

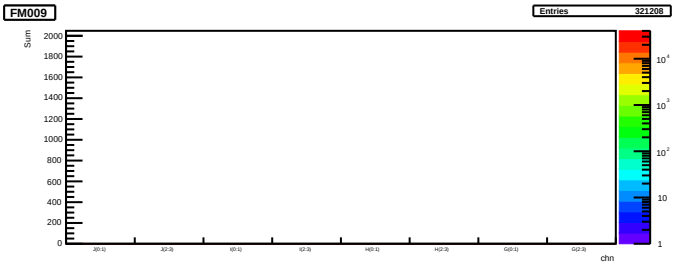

FM004
Entries 321208
Sum
chn

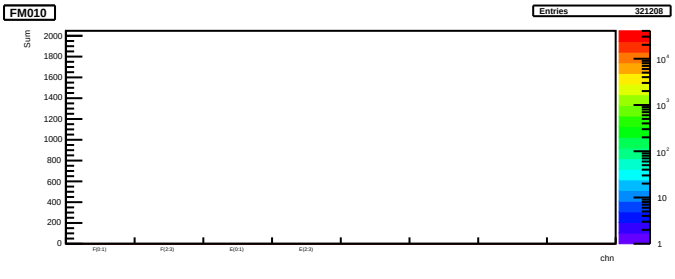

FM005
Entries 321208
Sum
chn

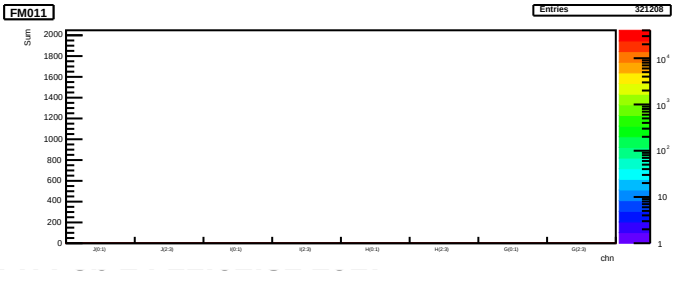

FM006
Entries 321208
Sum
chn

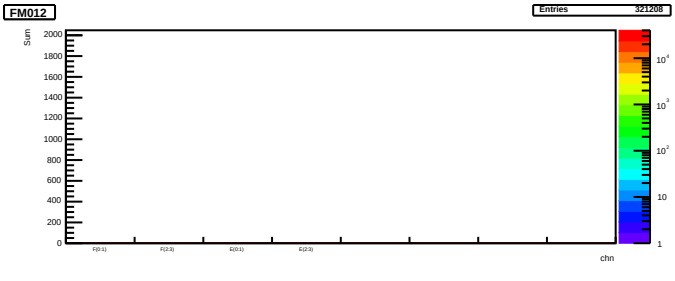

FM007
Entries 321208
Sum
chn

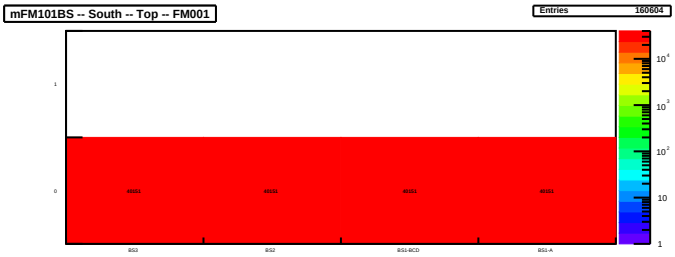

FM008
Entries 321208
Sum
chn


FM009
Entries 321208
Sum
chn


FM010
Entries 321208
Sum
chn


FM011
Entries 321208
Sum
chn


FM012
Entries 321208
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 160604
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40151
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BS3
BS2
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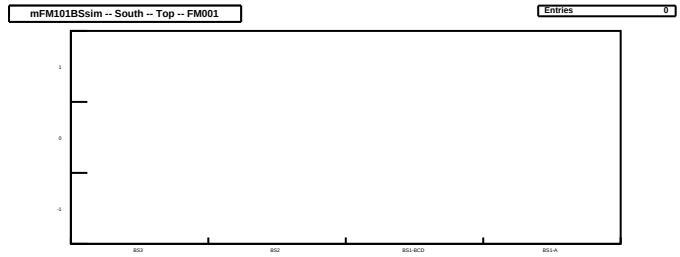
BS1-A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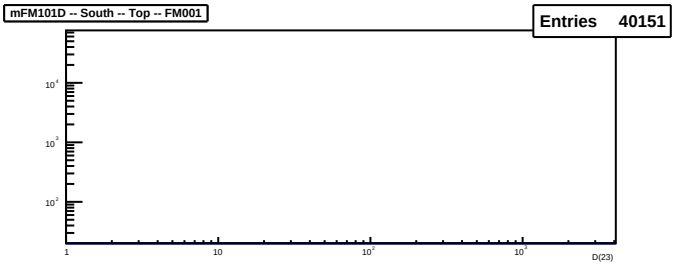
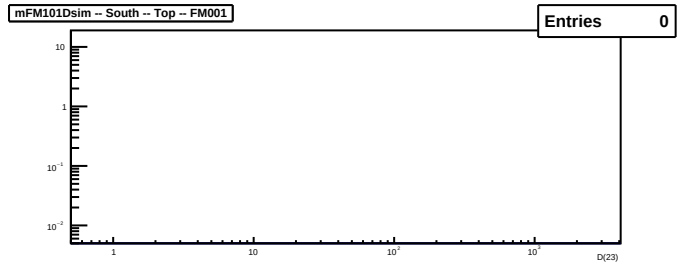
BS1-A


mFM101D -- South -- Top -- FM001
Entries 40151
D(23)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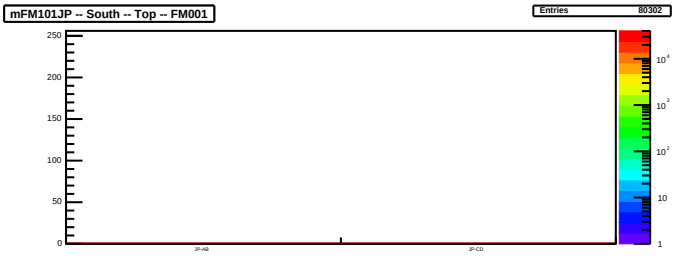
D(23)


mFM101JP -- South -- Top -- FM001
Entries 80302
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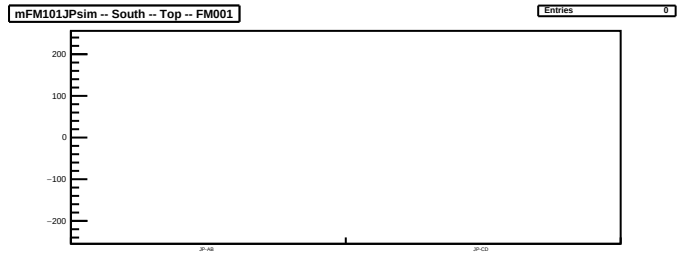
JP-CD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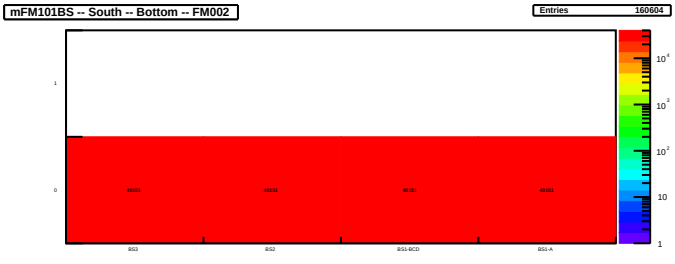
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 160604
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40151
40151
40151
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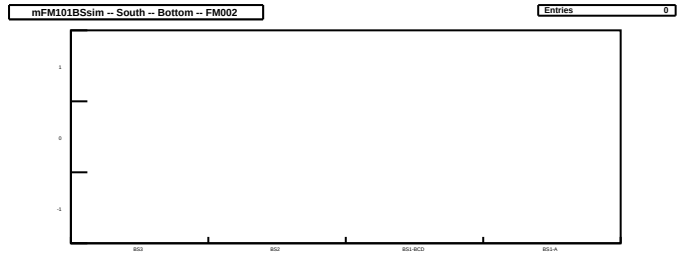
BS1-A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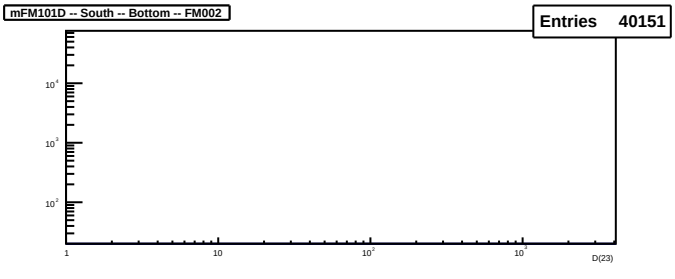
BS1-BCD
BS1-A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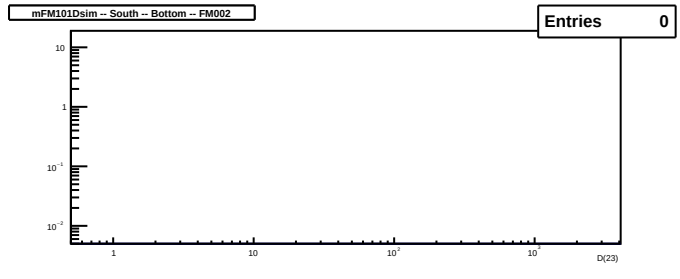
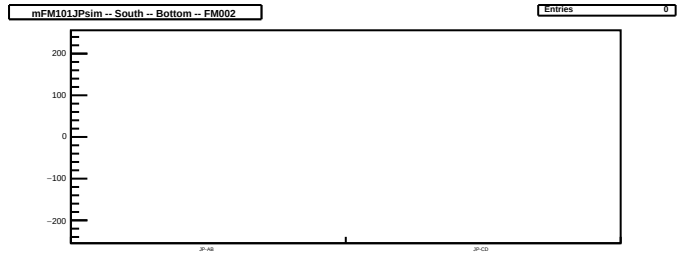
Entries 40151
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 80302
JP-AB
JP-CD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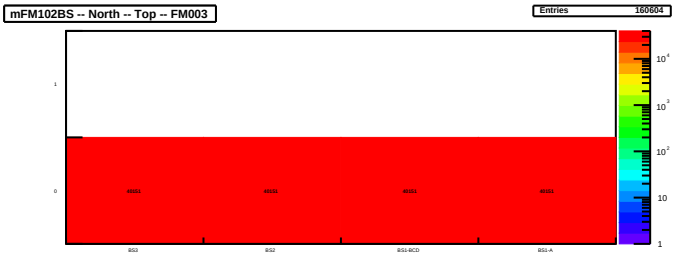
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 160604
40151
40151
40151
40151
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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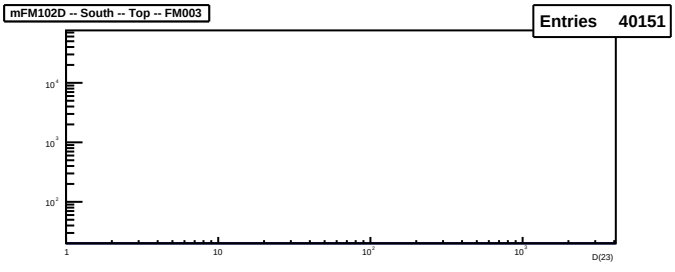
BS2
BS1-BCD
BS1-A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Entries 40151
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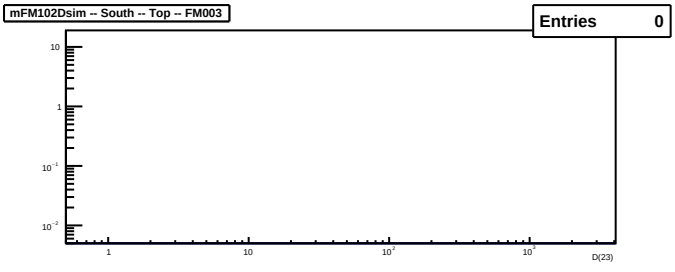
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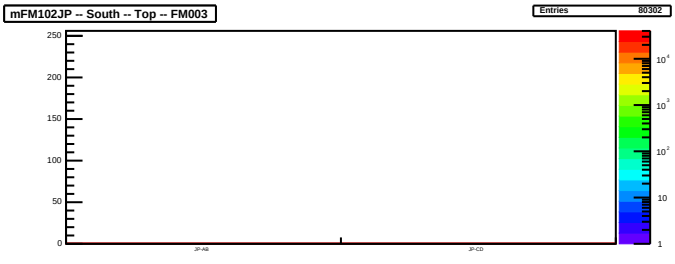
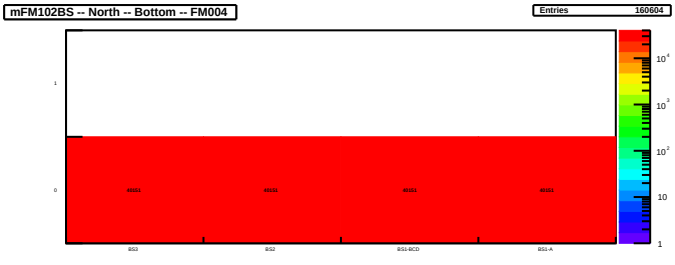
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 80302
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 160604
40151
40151
40151
40151
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
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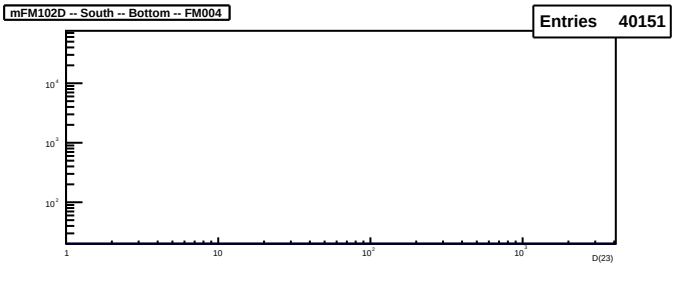
BS2
BS1-BCD
BS1-A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Entries 40151
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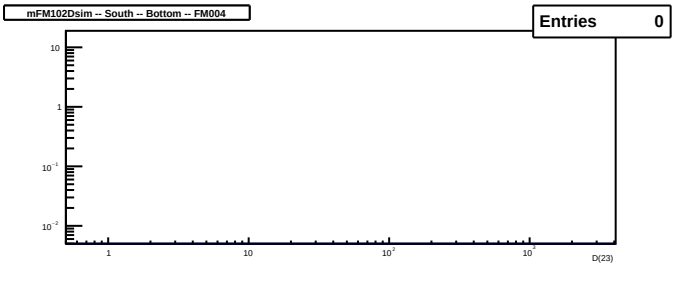
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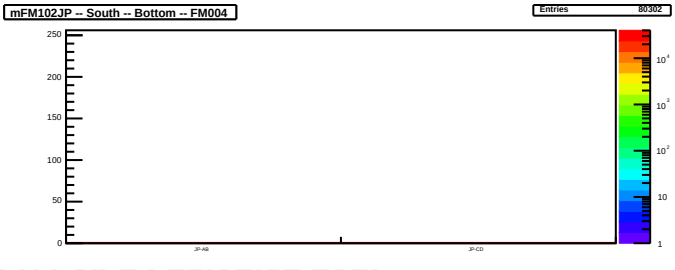
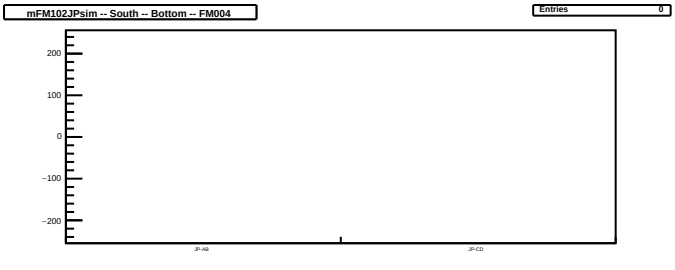
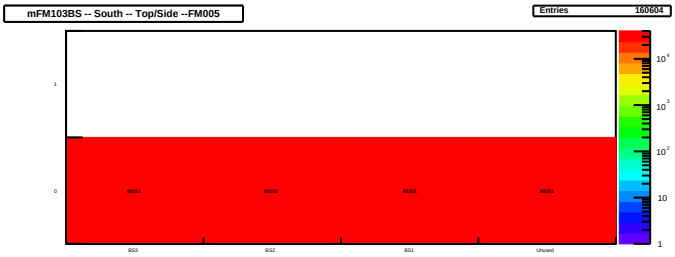
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 80302
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 160604
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40151
40151
BS3
BS2
BS1
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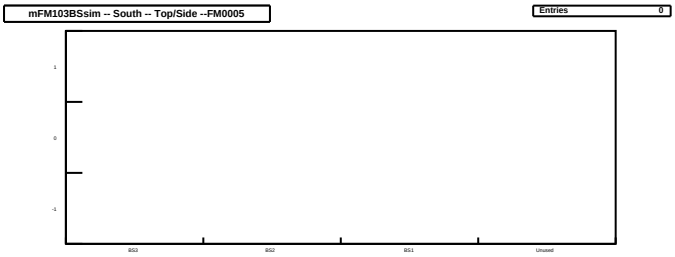
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Entries 0
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BS2
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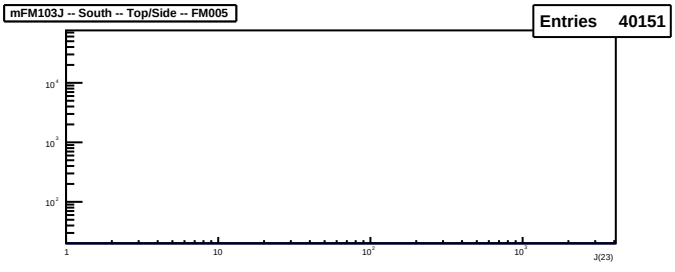
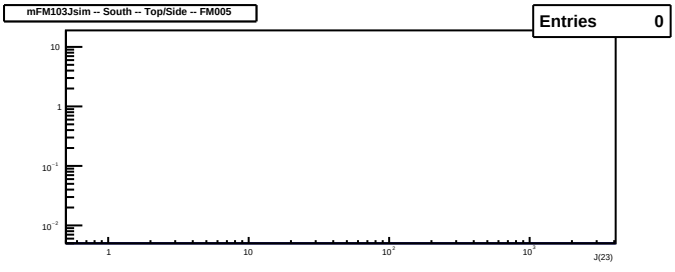

mFM103J -- South -- Top/Side -- FM005
Entries 40151
J(23)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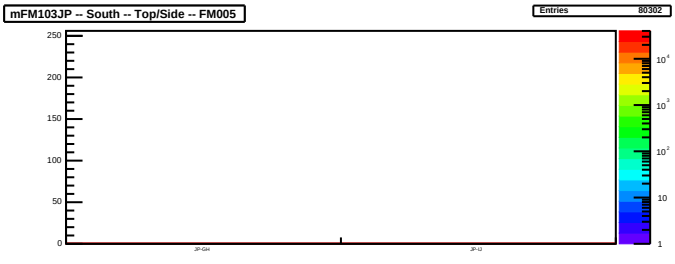
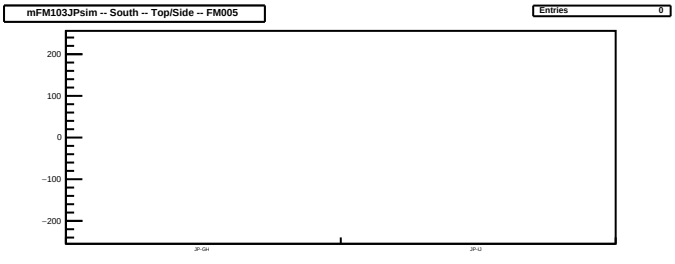
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 80302
JP-GH
JP-IJ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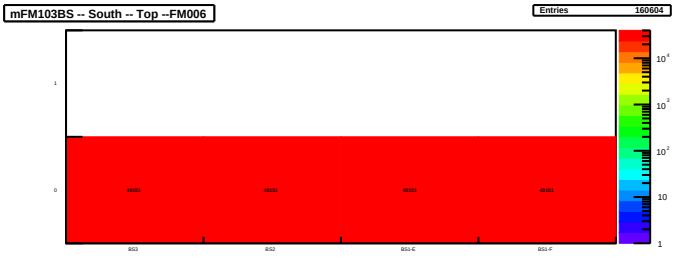
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 160604
40151
40151
40151
40151
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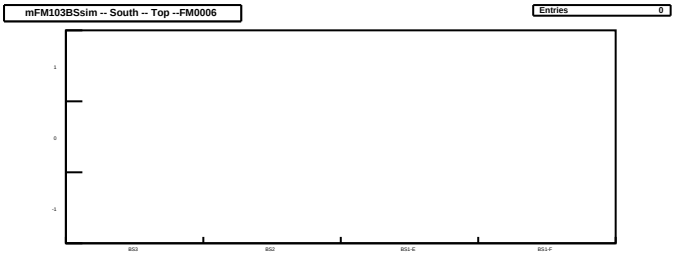
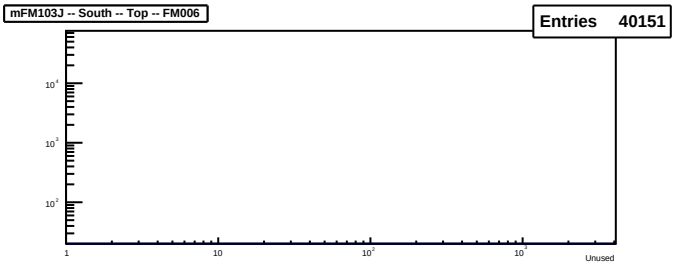
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 40151
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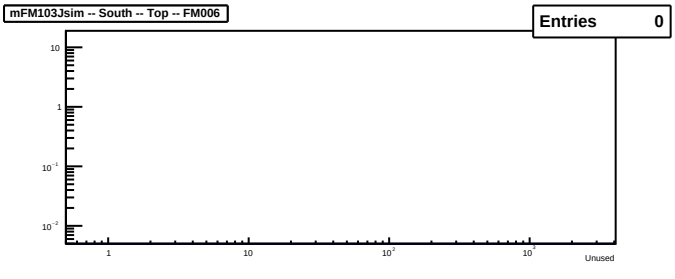
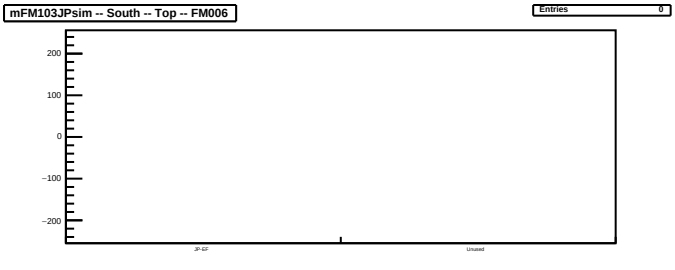

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 80302
JP-EF
Unused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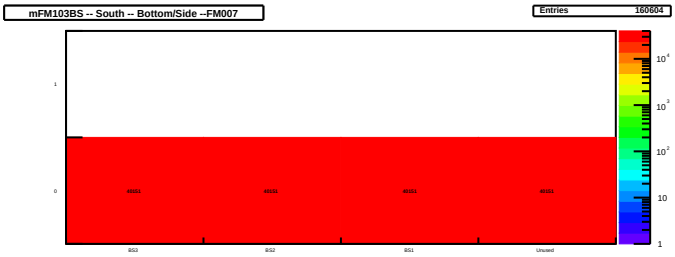
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 160604
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40151
40151
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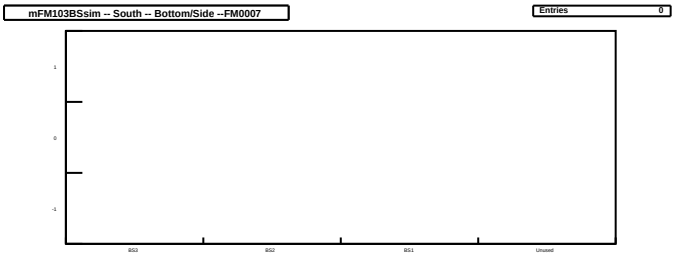
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
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BS2
BS1
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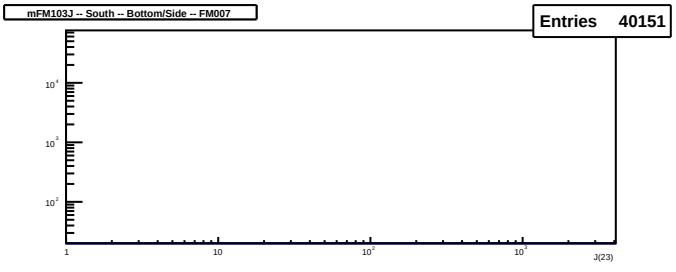
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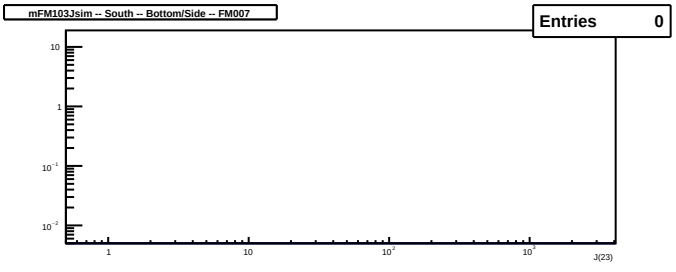
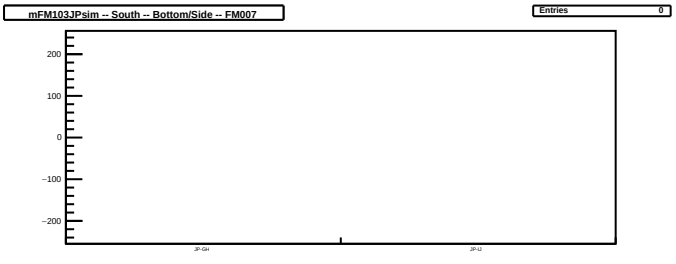
Entries 40151
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 80302
JP-GH
JP-IJ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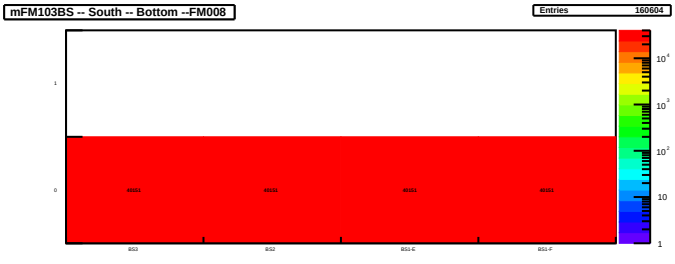
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 160604
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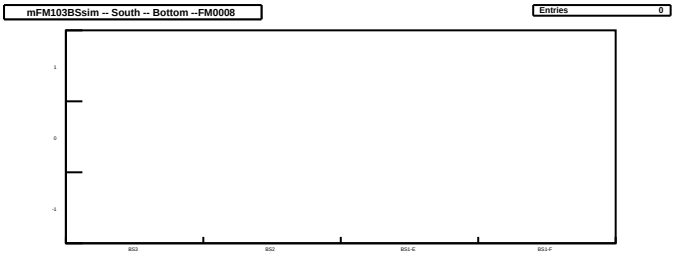
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
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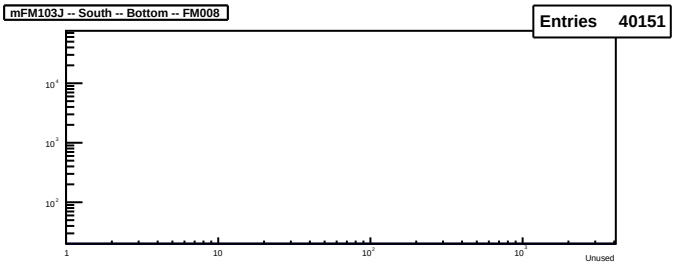
BS1-E
BS1-F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Entries 40151
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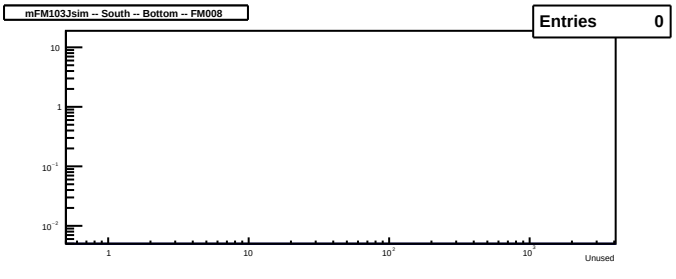
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Entries 0
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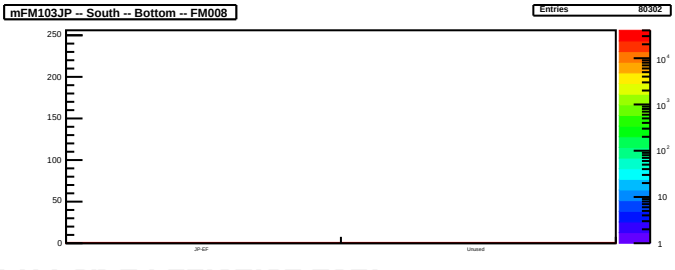
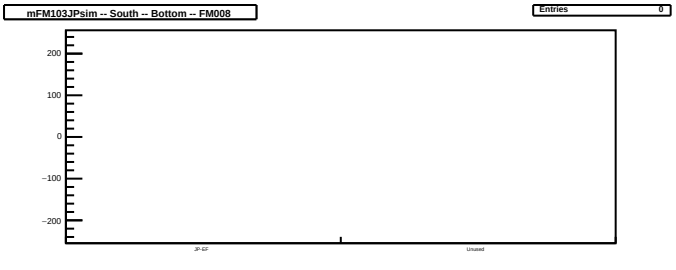
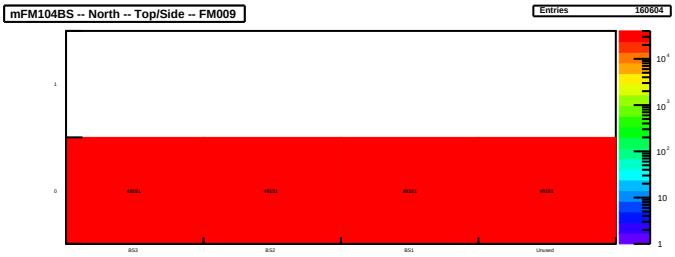

mFM103JP -- South -- Bottom -- FM008
Entries 80302
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 160604
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40151
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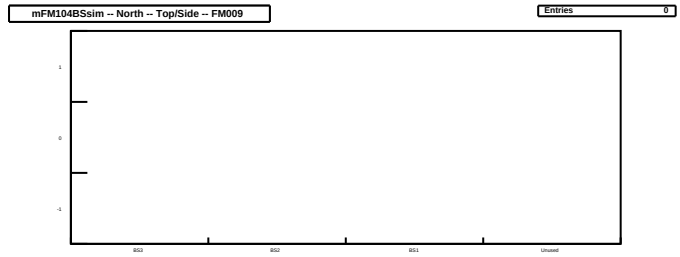
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Entries 0
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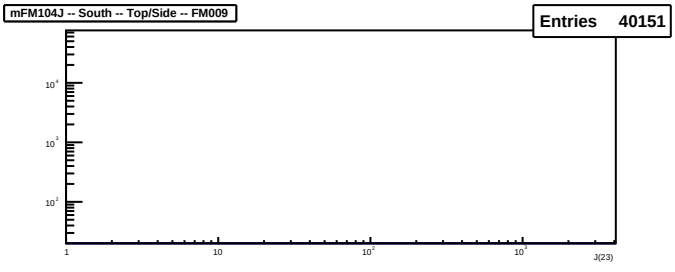
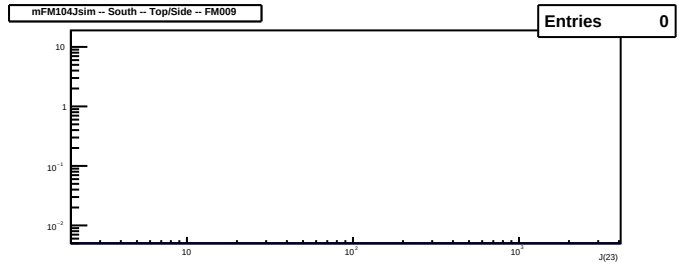
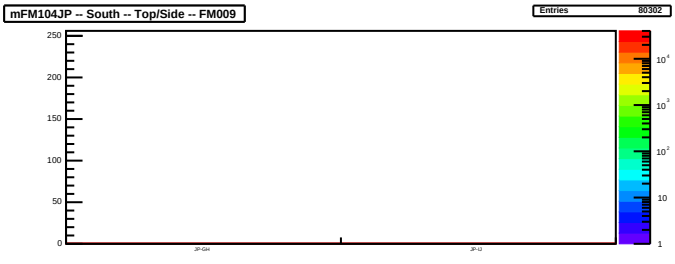
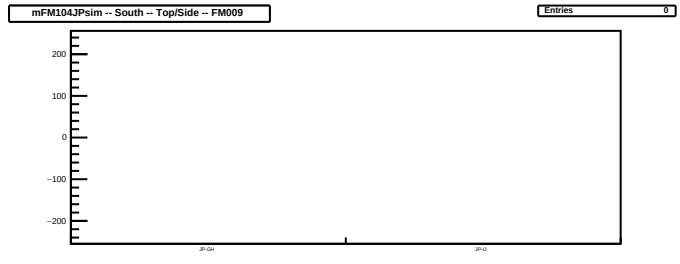
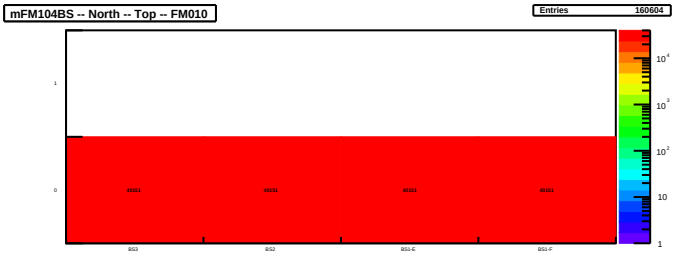
Unused

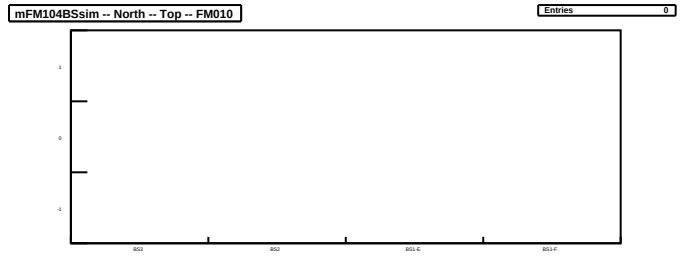

mFM104J -- South -- Top/Side -- FM009
Entries 40151
J(23)

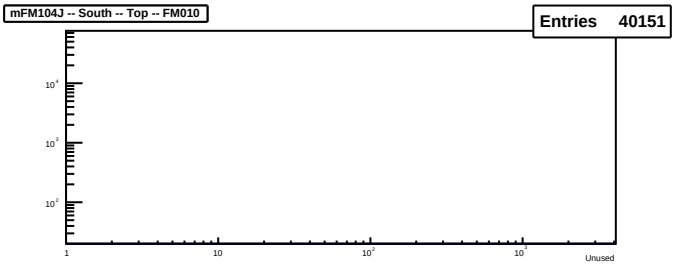

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

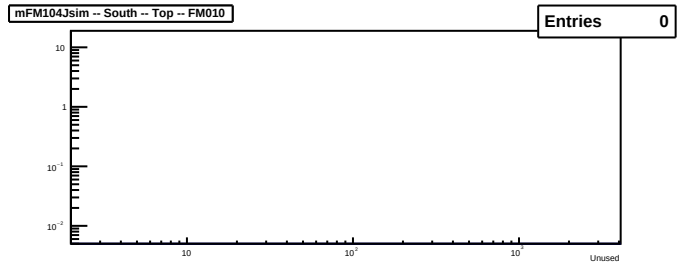

mFM104JP -- South -- Top/Side -- FM009
Entries 80302
JP-GH
JP-U


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

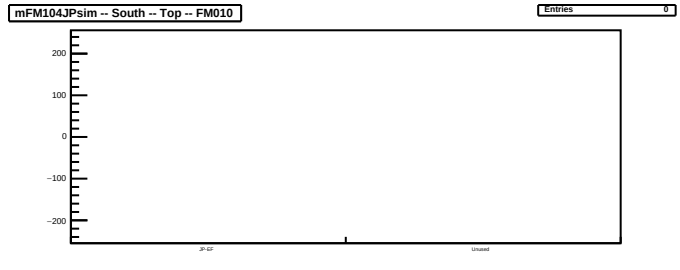

mFM104BS -- North -- Top -- FM010
Entries 160604
40151
40151
40151
40151
BS3
BS2
BS1-E
BS1-F

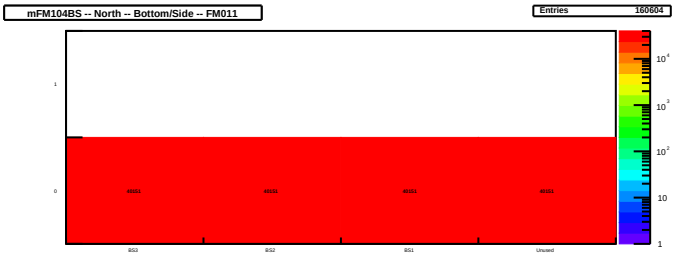

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

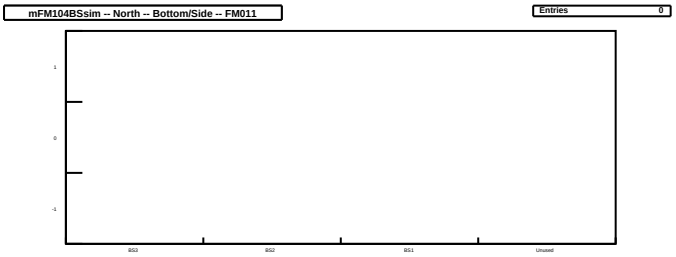

mFM104J -- South -- Top -- FM010
Entries 40151
Unused

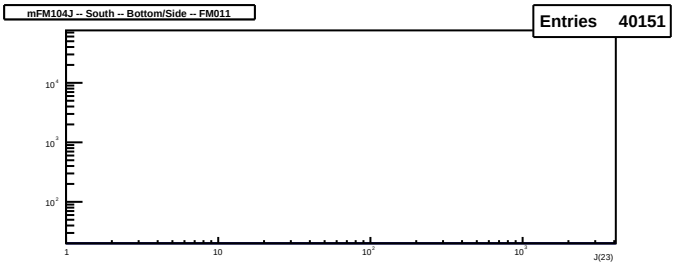

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

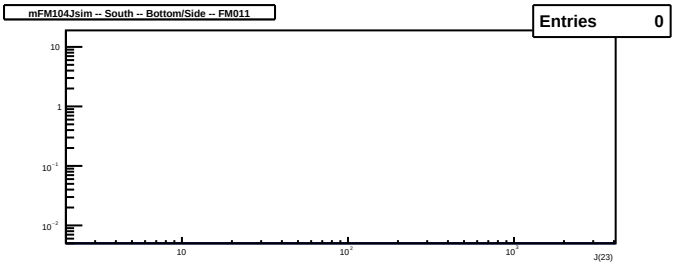
mFM104JP -- South -- Top -- FM010
Entries 80302
JP-EF
Unused

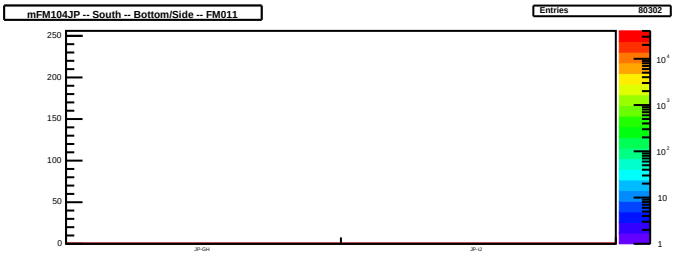

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

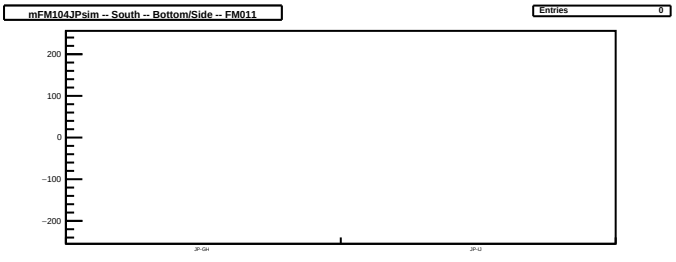

mFM104BS -- North -- Bottom/Side -- FM011
Entries 160604
40151
40151
40151
40151
BS3
BS2
BS1
Unused

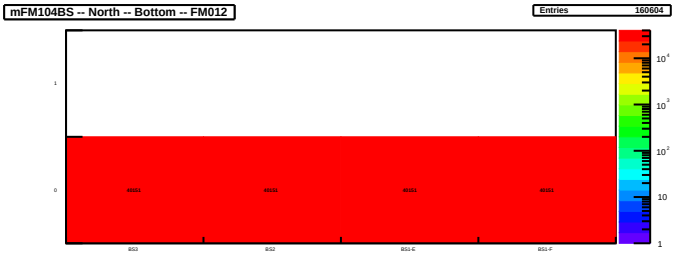

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

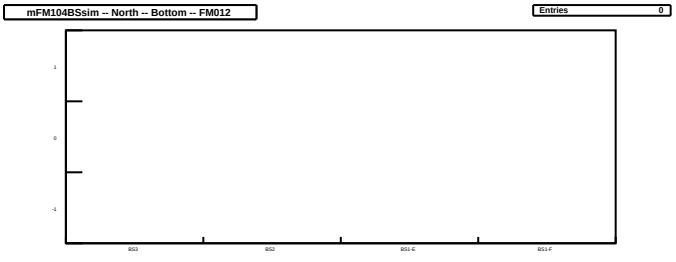

mFM104J -- South -- Bottom/Side -- FM011
Entries 40151
J(23)

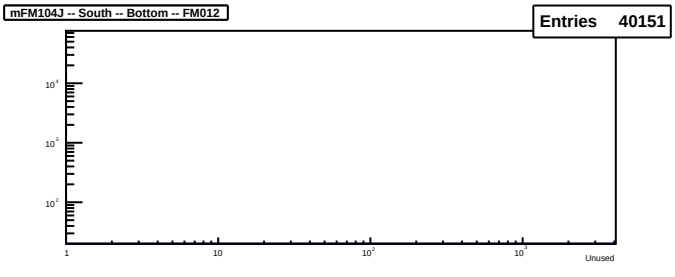

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

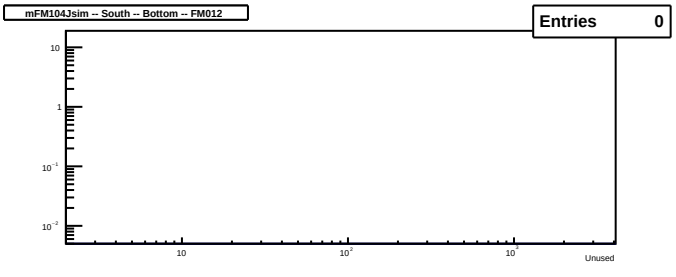

mFM104JP -- South -- Bottom/Side -- FM011
Entries 80302
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 160604
40151
40151
40151
40151
BS3
BS2
BS1-E
BS1-F

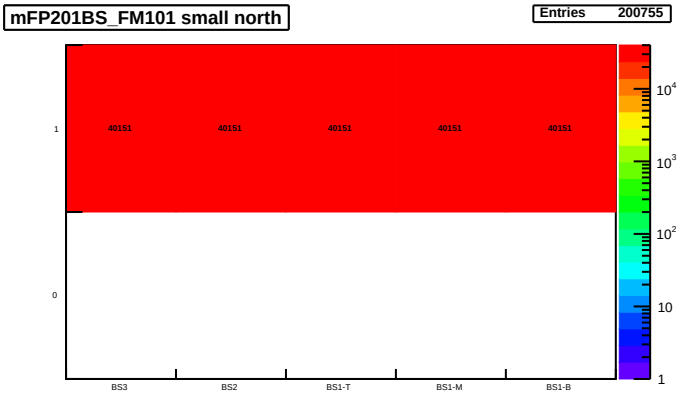

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

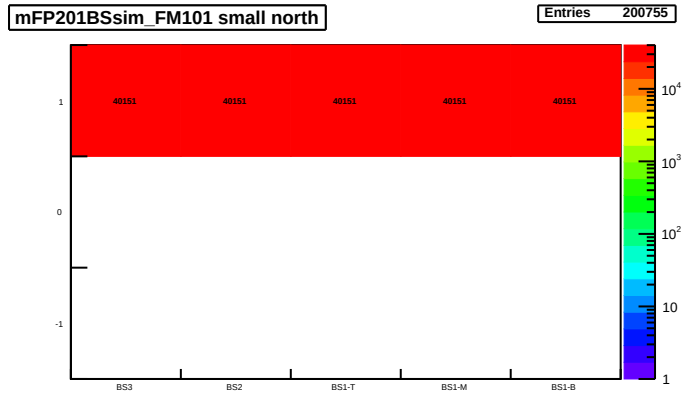

mFM104J -- South -- Bottom -- FM012
Entries 40151
Unused

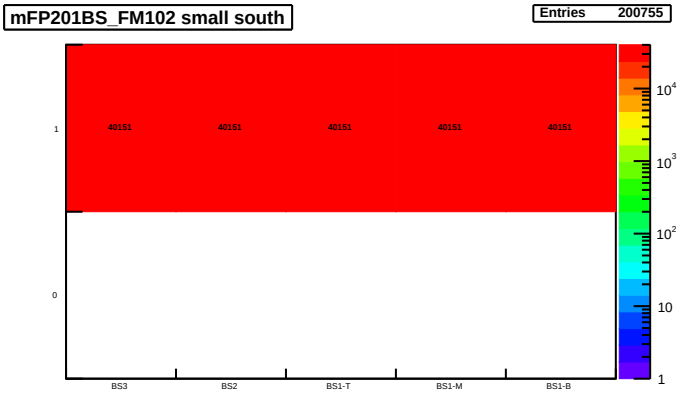

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

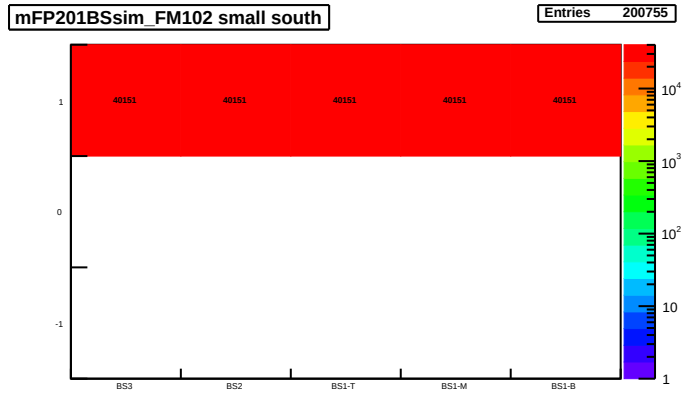
mFM104JP -- South -- Bottom -- FM012
Entries 80302
JP-EF
Unused

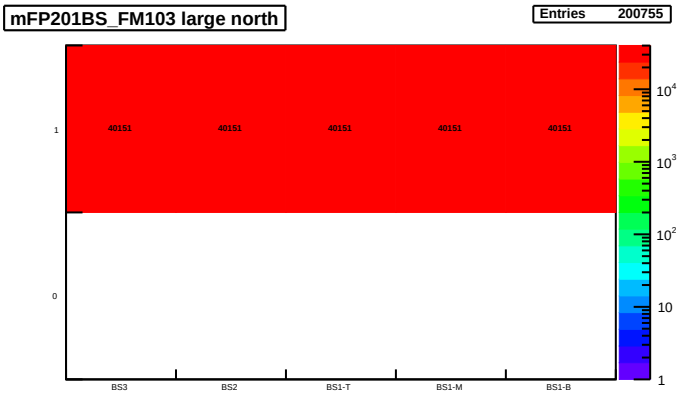
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

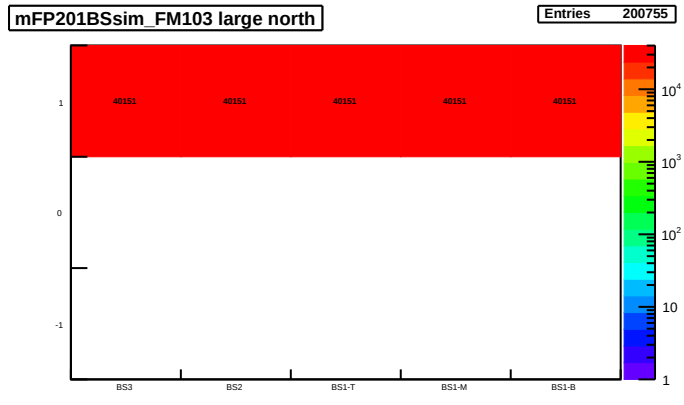

mFP201BS_FM101 small north
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B

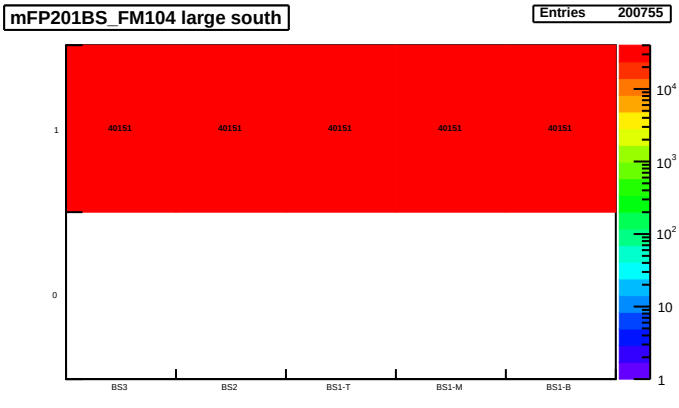

mFP201BSsim_FM101 small north
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B

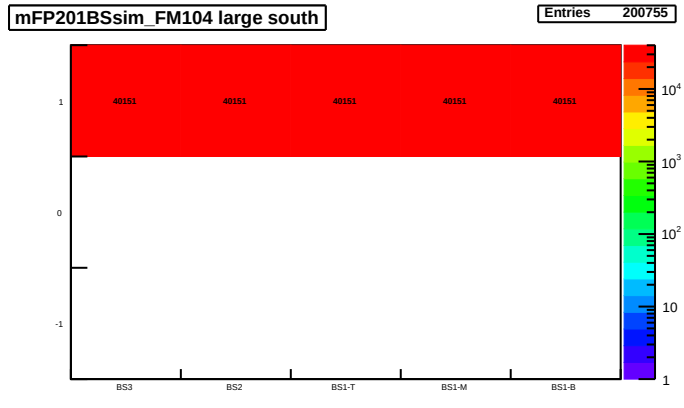

mFP201BS_FM102 small south
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B

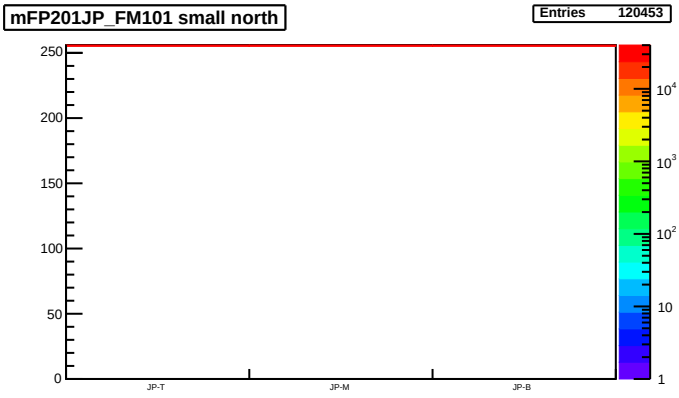

mFP201BSsim_FM102 small south
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B

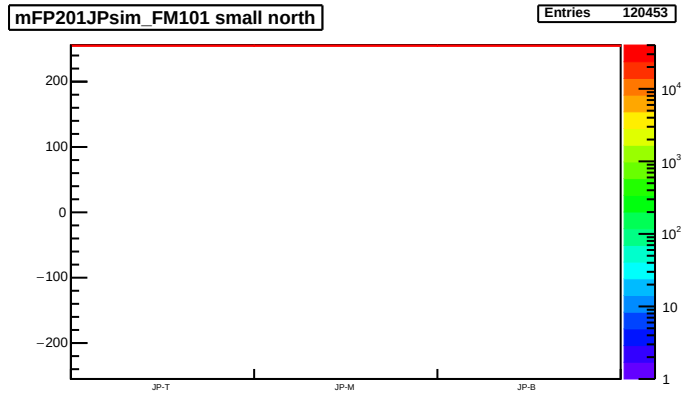

mFP201BS_FM103 large north
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B

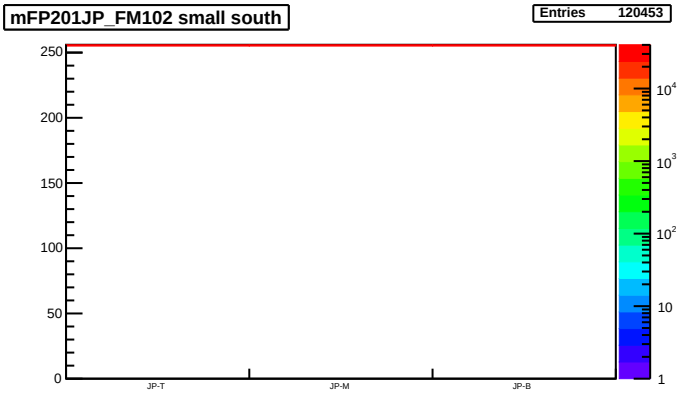

mFP201BSsim_FM103 large north
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 200755
40151
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 120453
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 120453
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 120453
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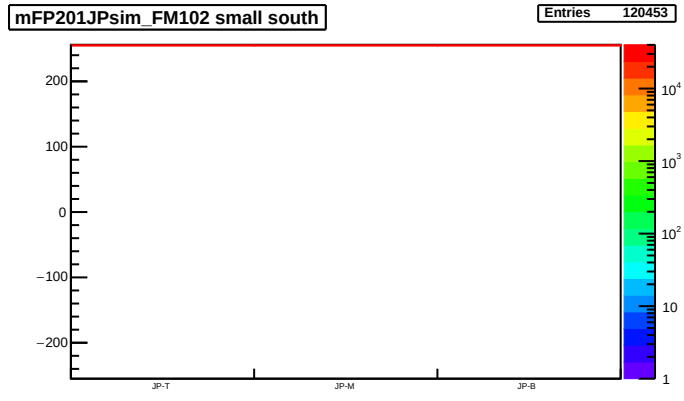
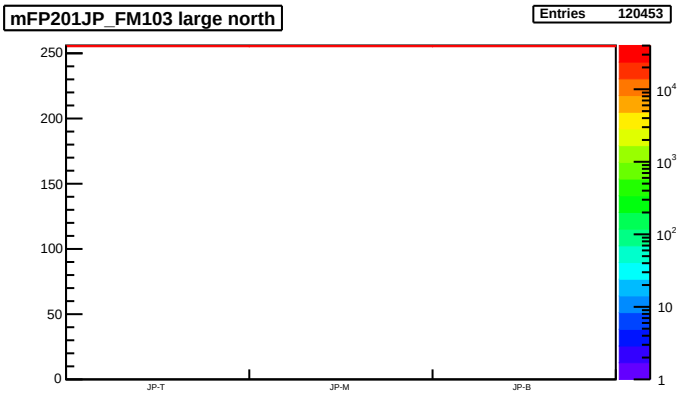
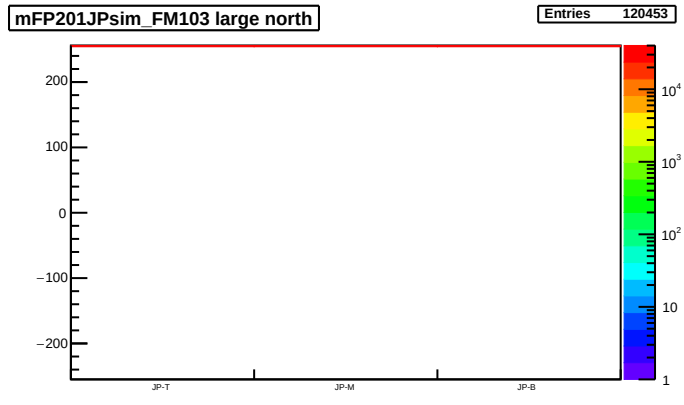
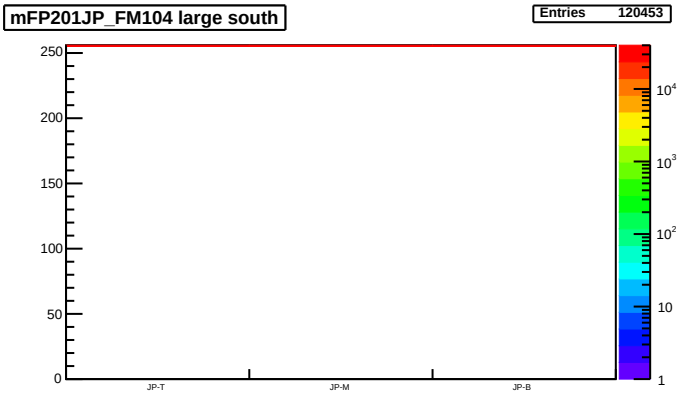
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 120453
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 120453
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JPsim_FM103 large north
Entries 120453
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 120453
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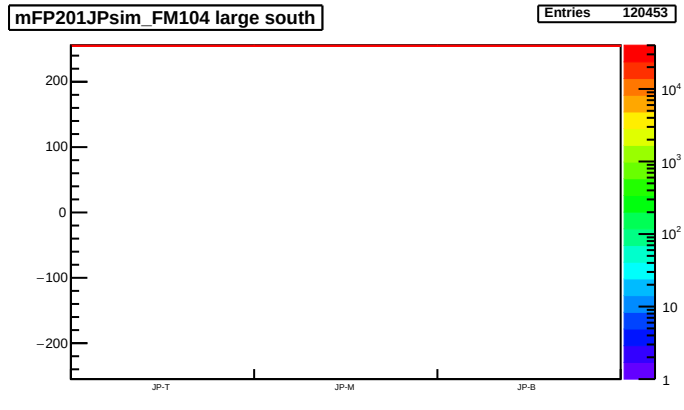
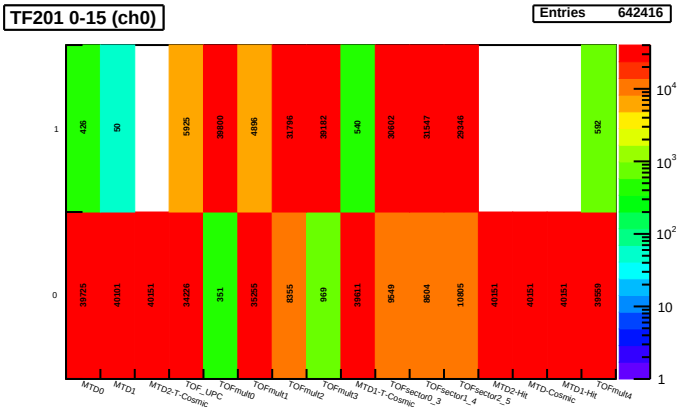
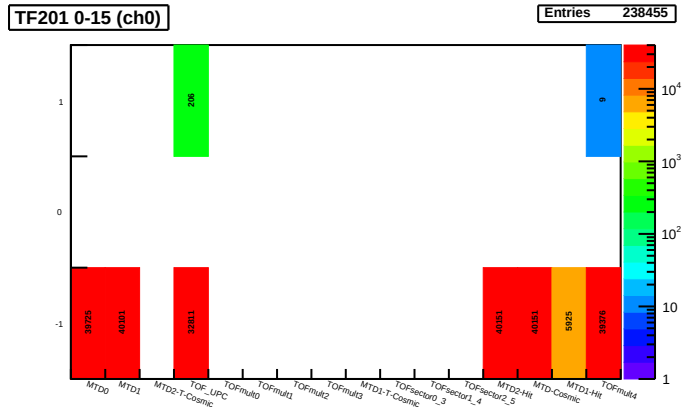
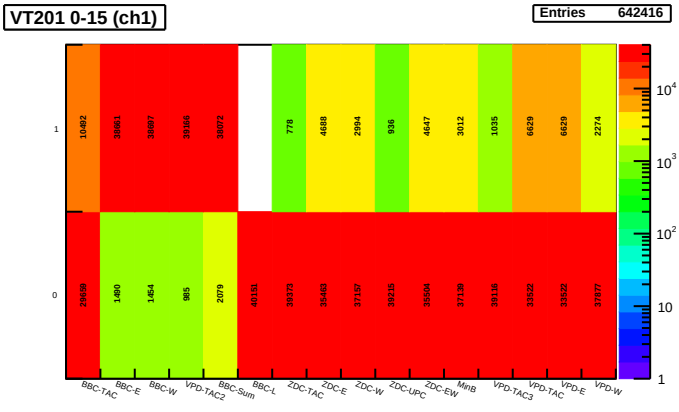
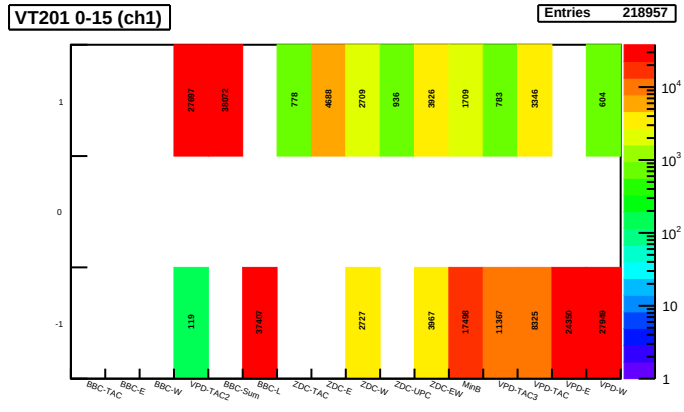
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

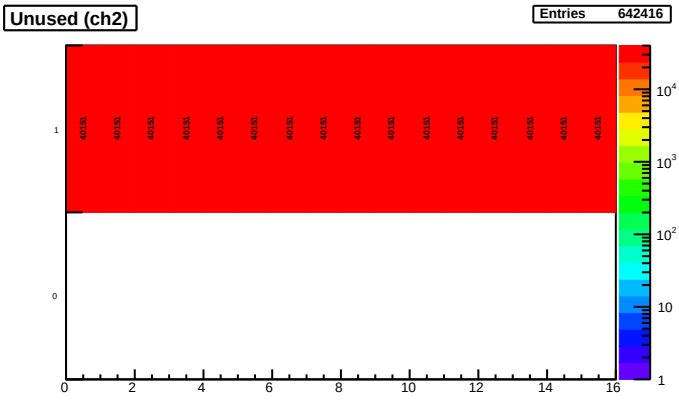

mFP201JPsim_FM104 large south
Entries 120453
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

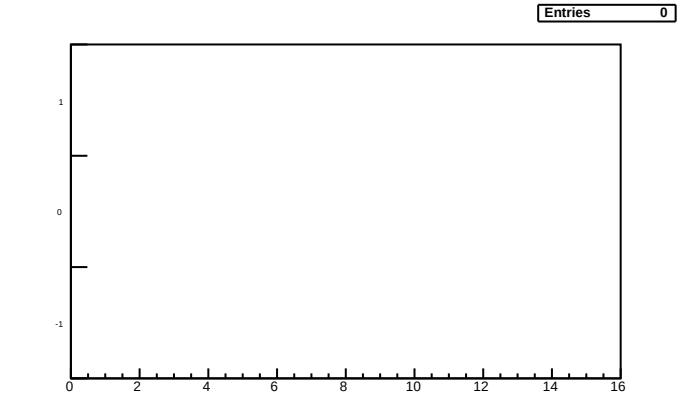

TF201 0-15 (ch0)
Entries 642416
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

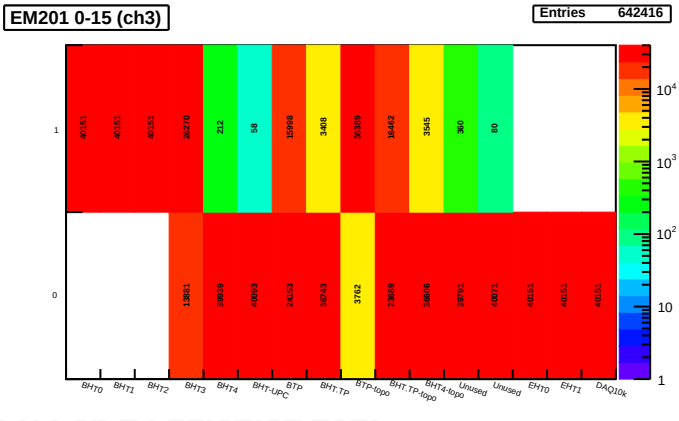

TF201 0-15 (ch0)
Entries 238455
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

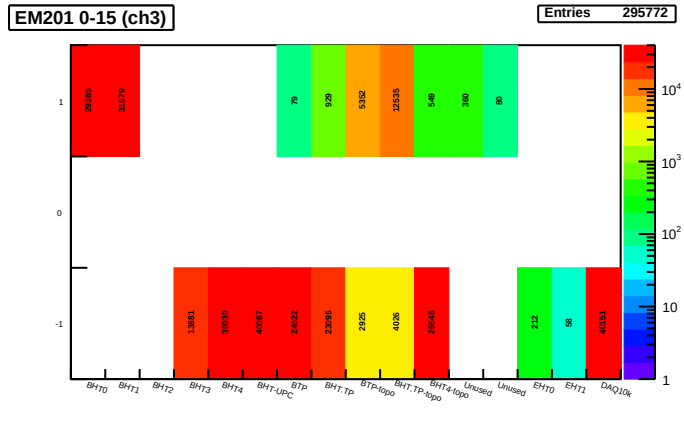

VT201 0-15 (ch1)
Entries 642416
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 218957
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

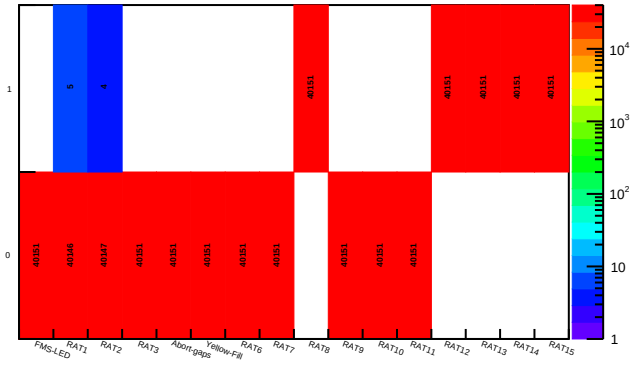

Unused (ch2)
Entries 642416

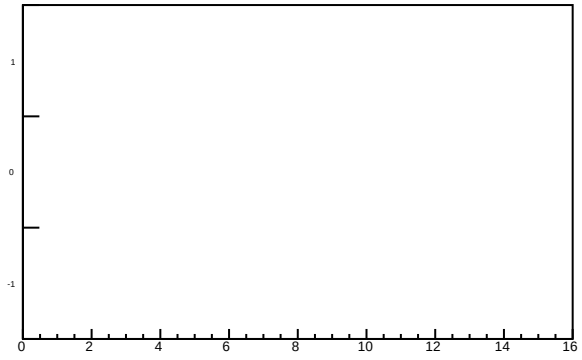

Entries 0


EM201 0-15 (ch3)
Entries 642416
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

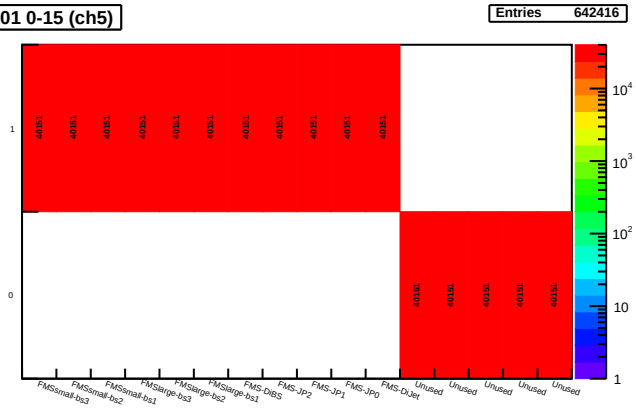

EM201 0-15 (ch3)
Entries 295772
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

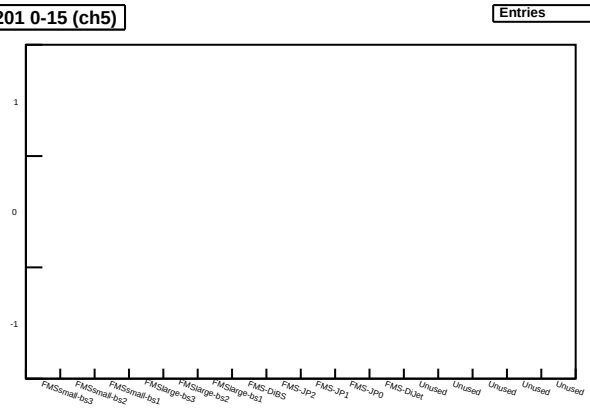




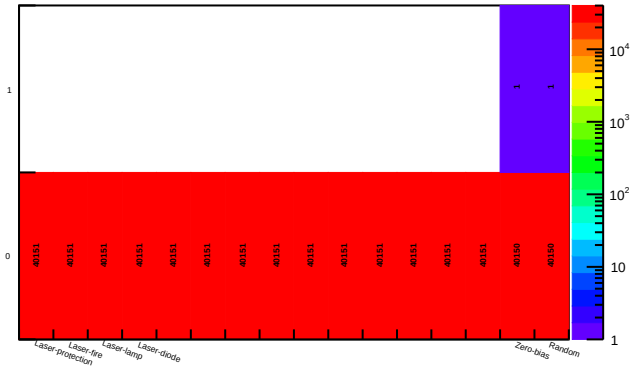
FP201 0-15 (ch5)

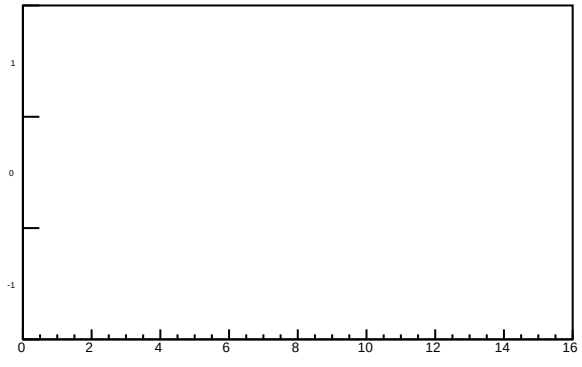
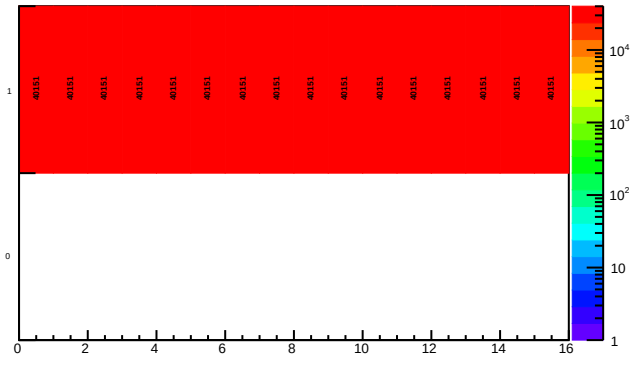
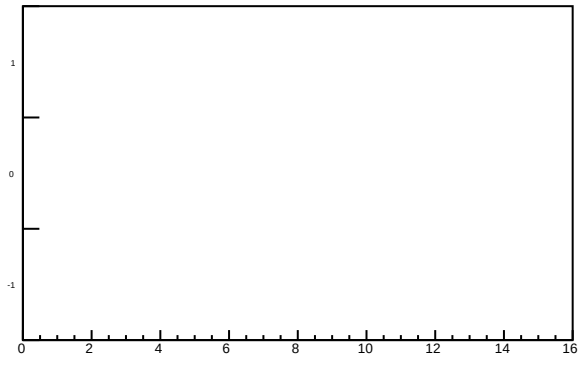


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)