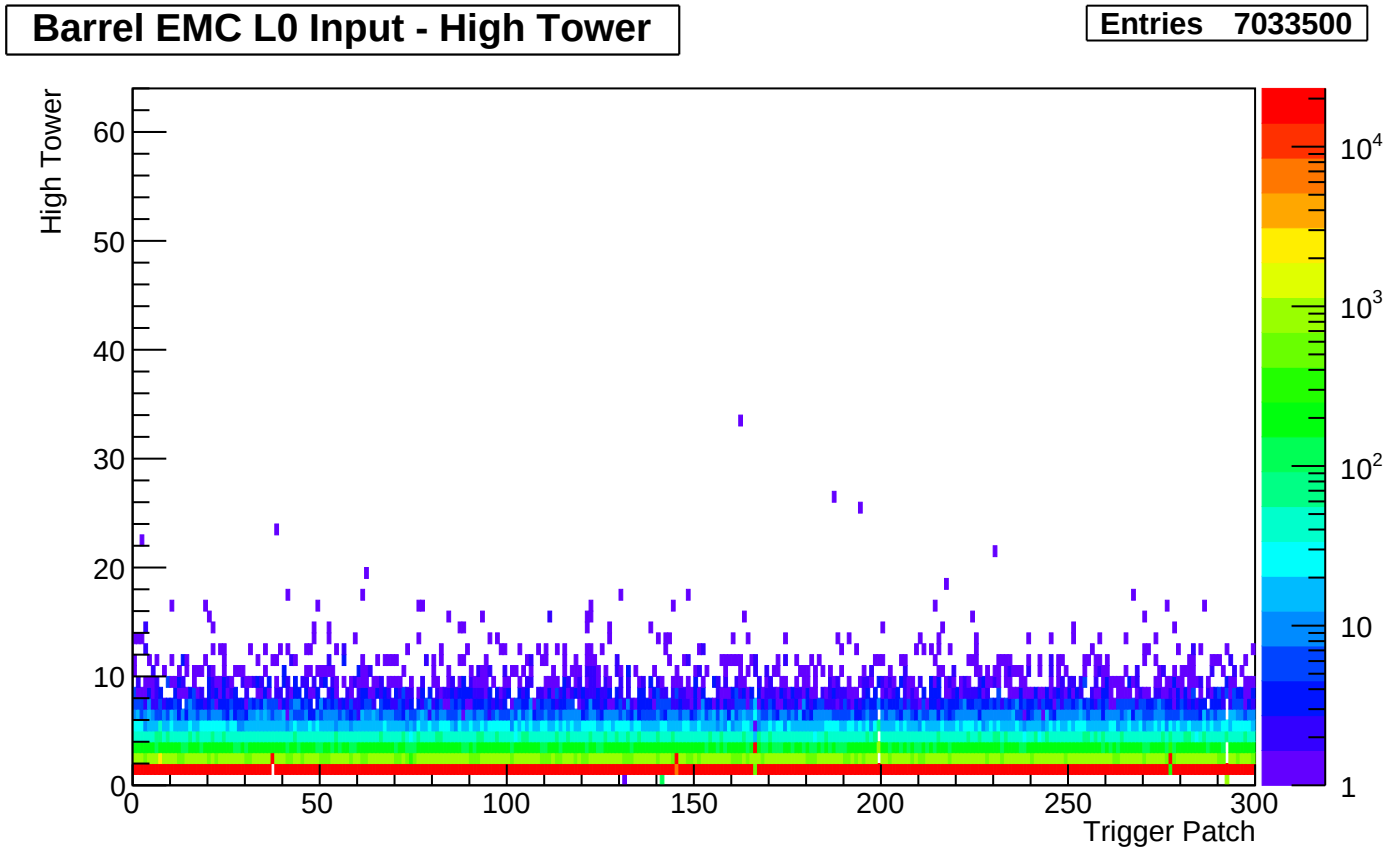
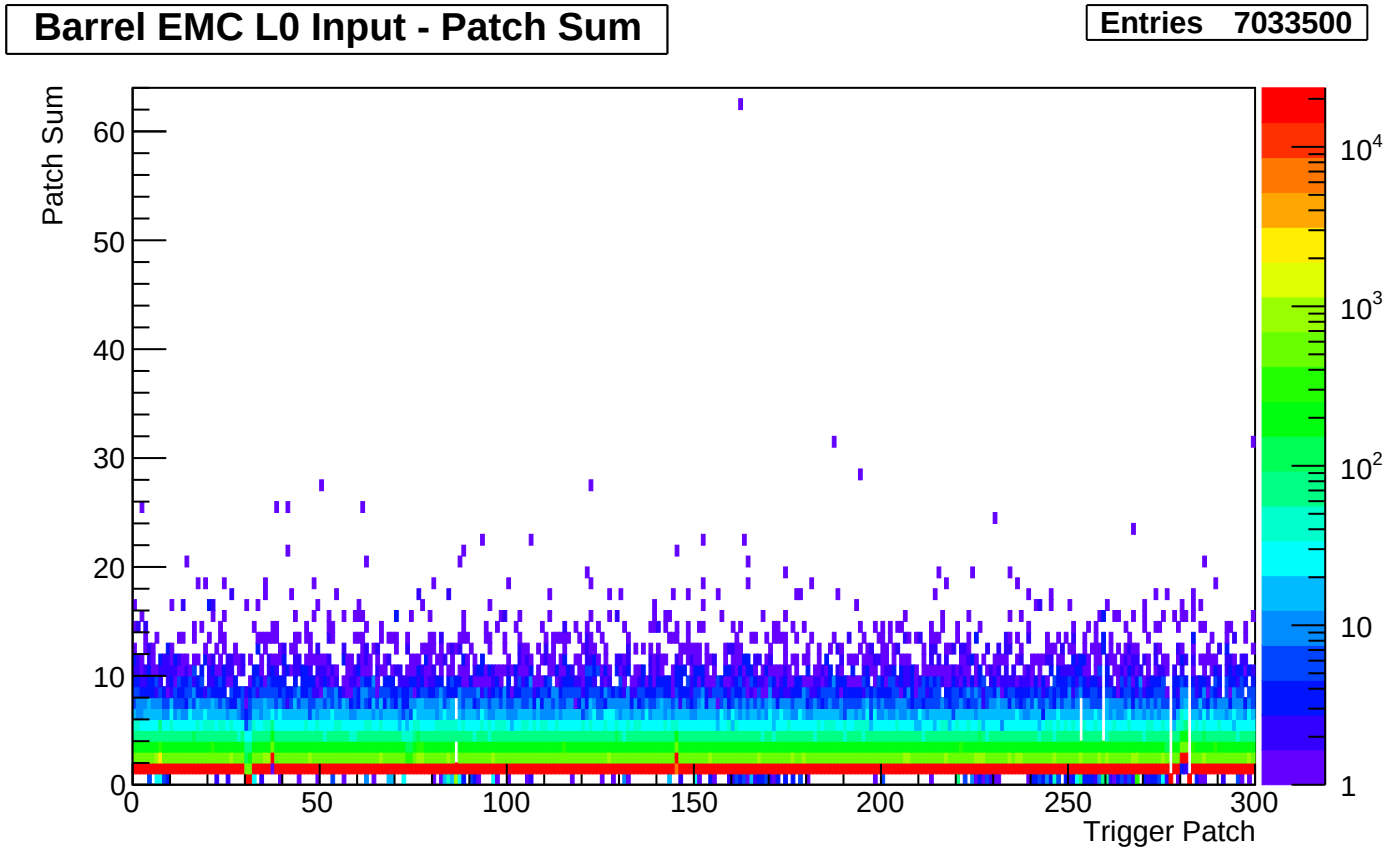
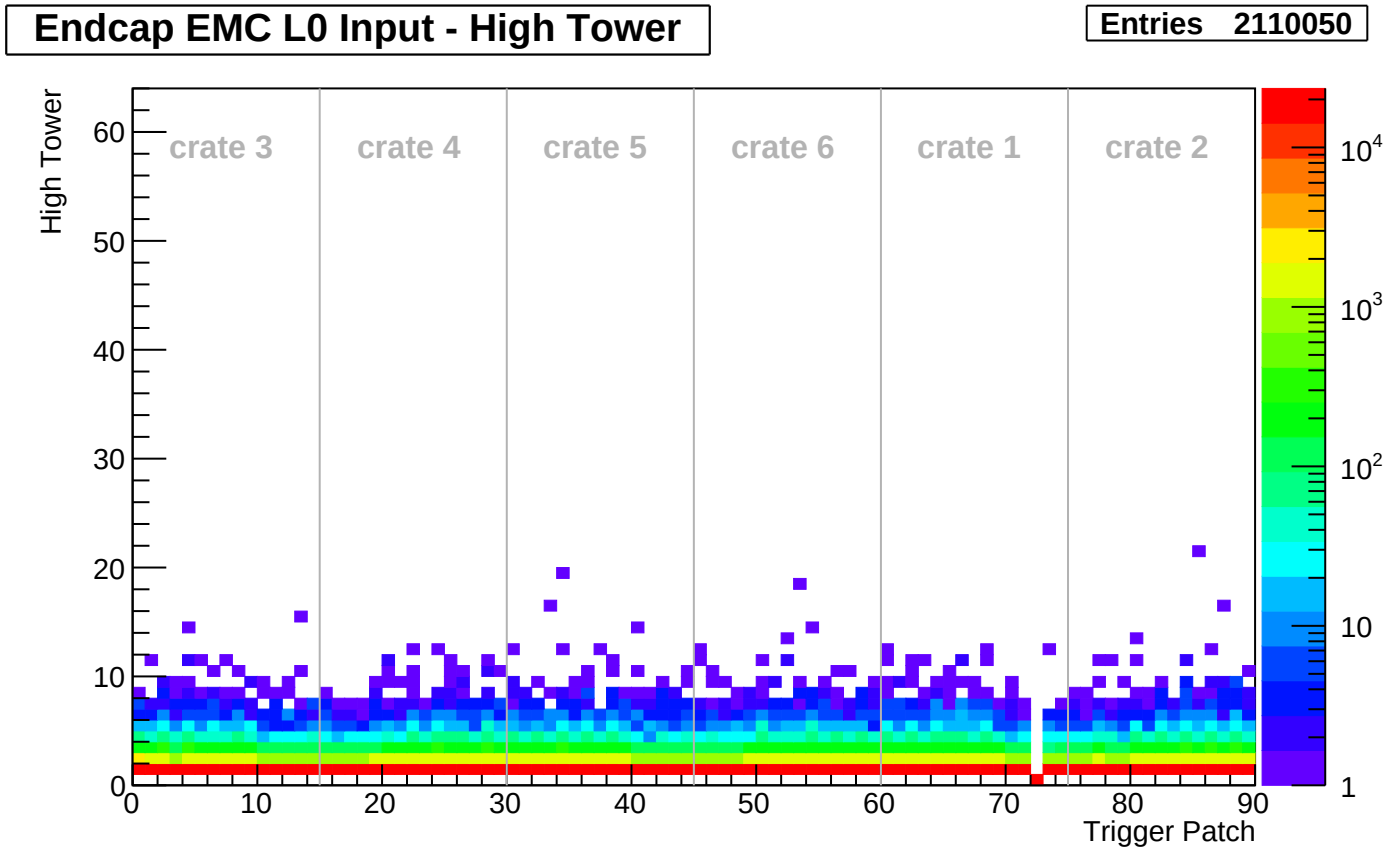
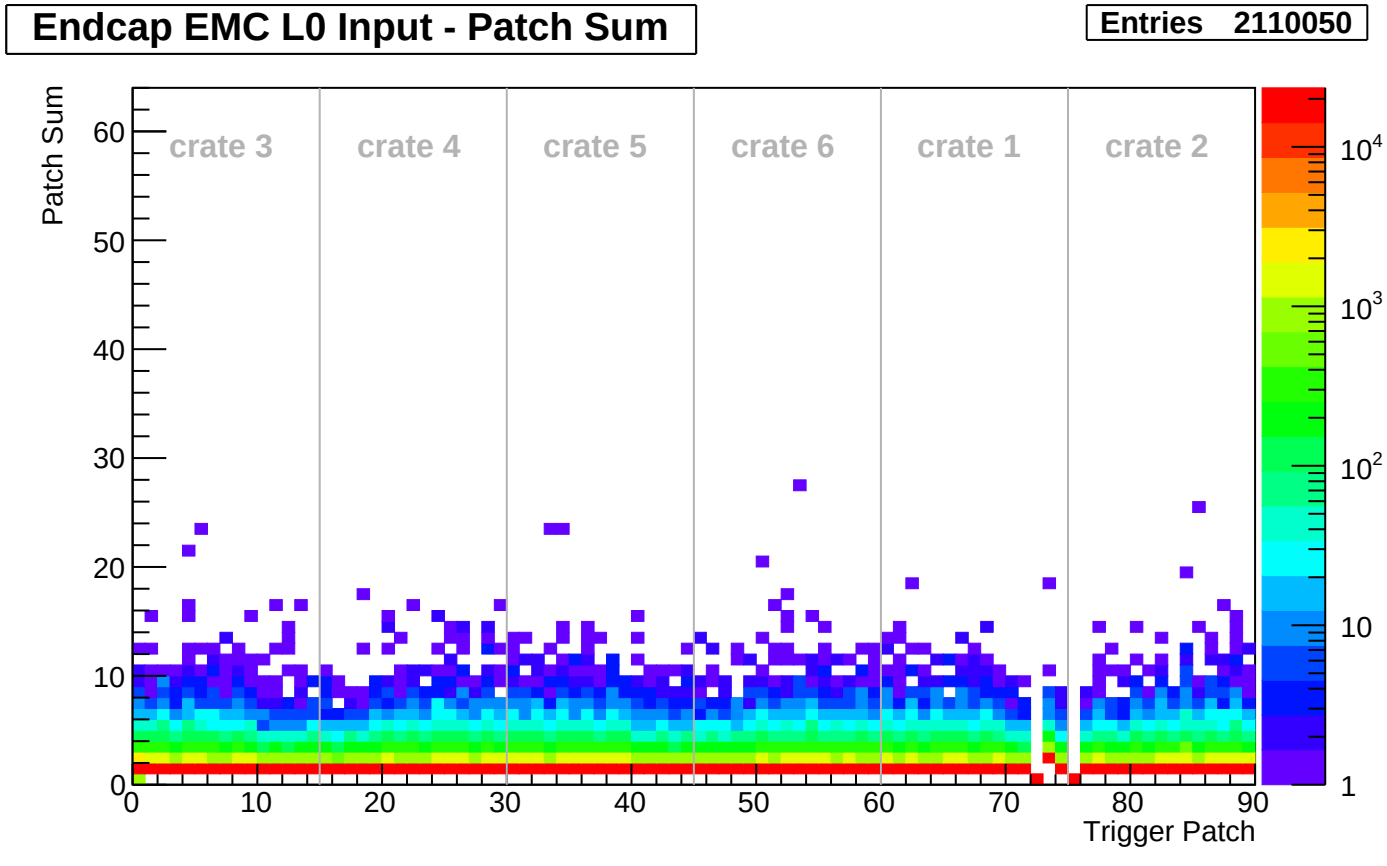
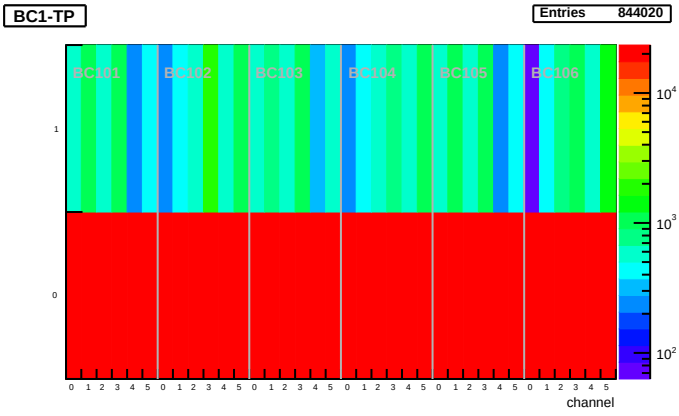
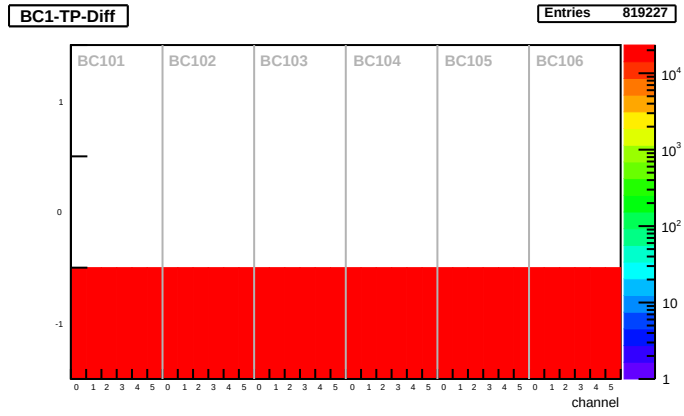

Barrel EMC L0 Input - High Tower
Entries 7033500
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

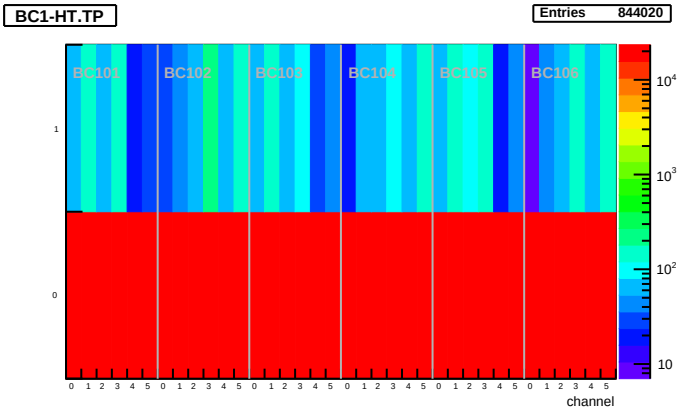

Barrel EMC L0 Input - Patch Sum
Entries 7033500
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

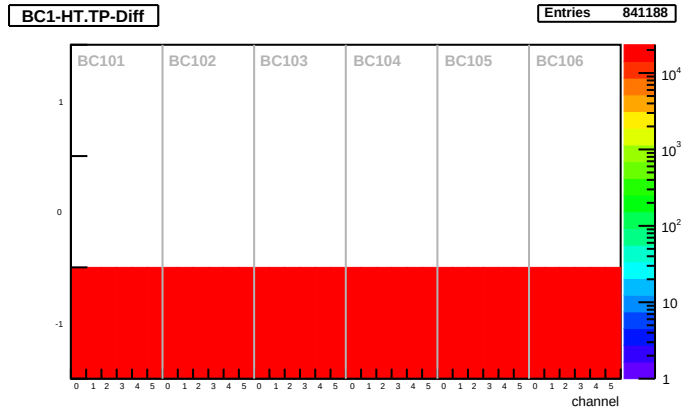

Endcap EMC L0 Input - High Tower
Entries 2110050
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

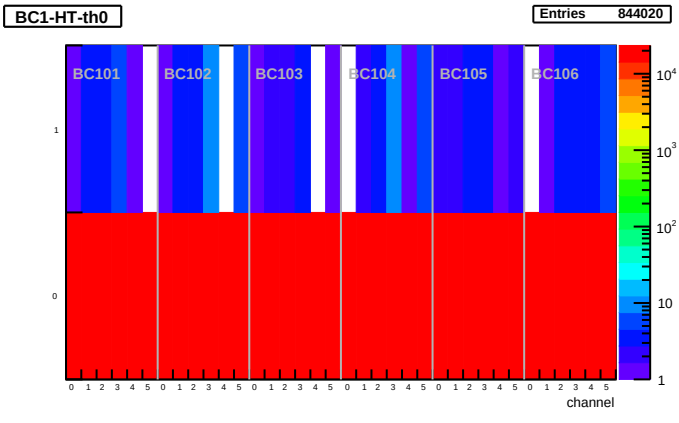

Endcap EMC L0 Input - Patch Sum
Entries 2110050
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

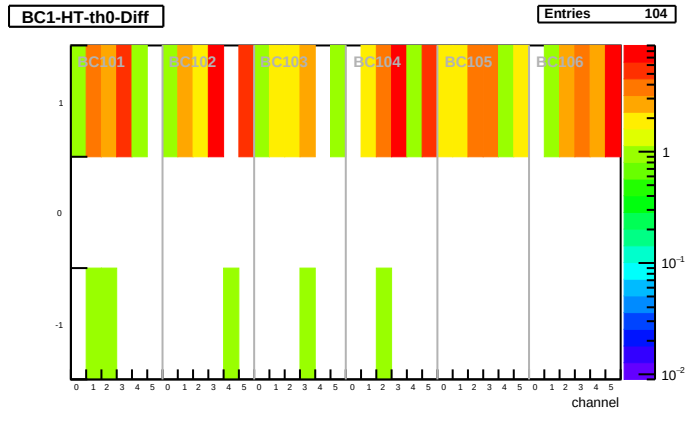

BC1-TP
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

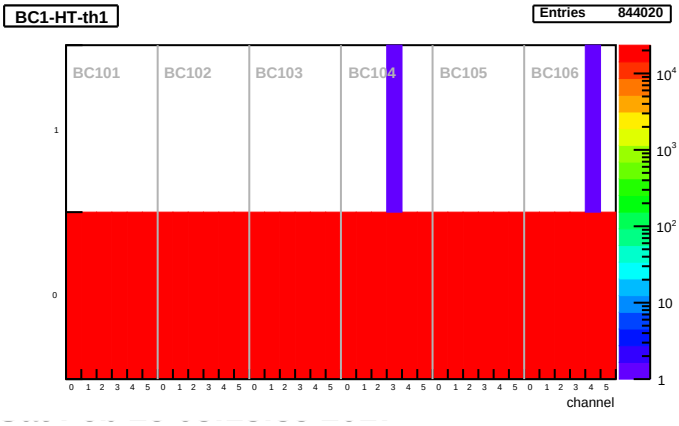

BC1-TP-Diff
Entries 819227
BC101
BC102
BC103
BC104
BC105
BC106
channel

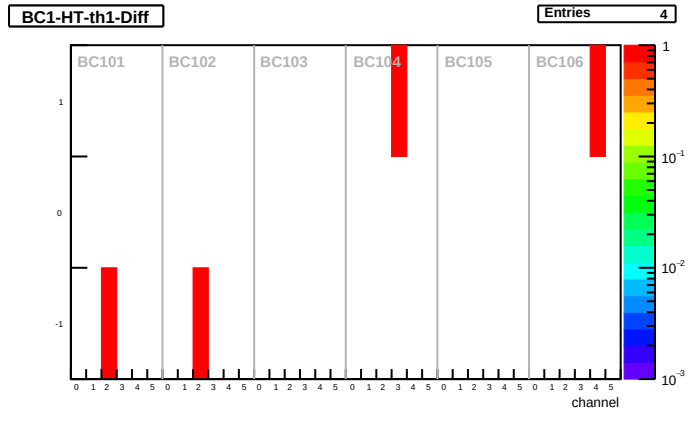

BC1-HT.TP
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

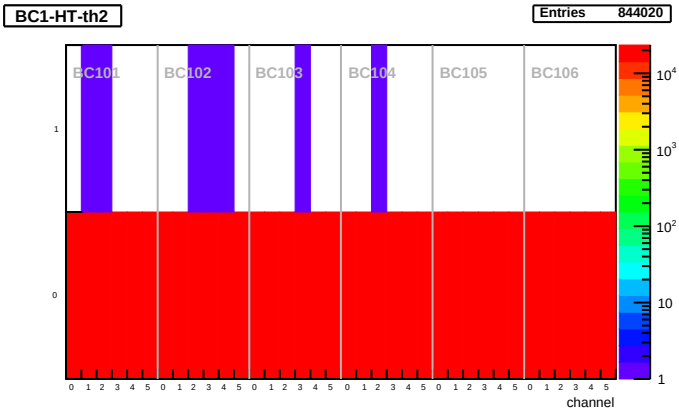

BC1-HT.TP-Diff
Entries 841188
BC101
BC102
BC103
BC104
BC105
BC106
channel

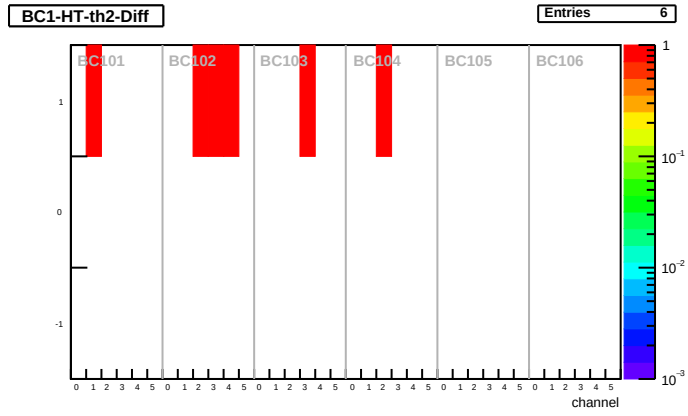

BC1-HT-th0
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

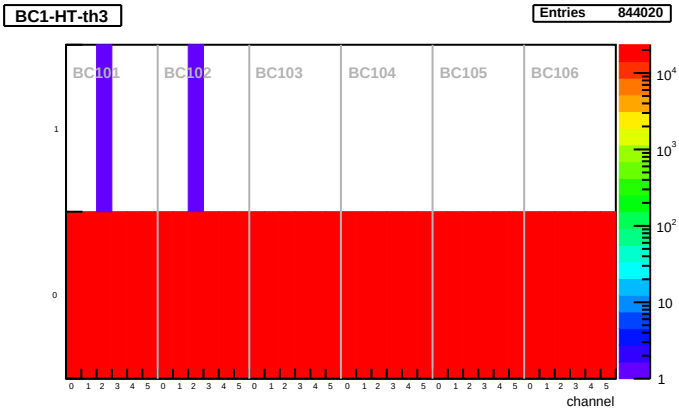

BC1-HT-th0-Diff
Entries 104
BC101
BC102
BC103
BC104
BC105
BC106
channel

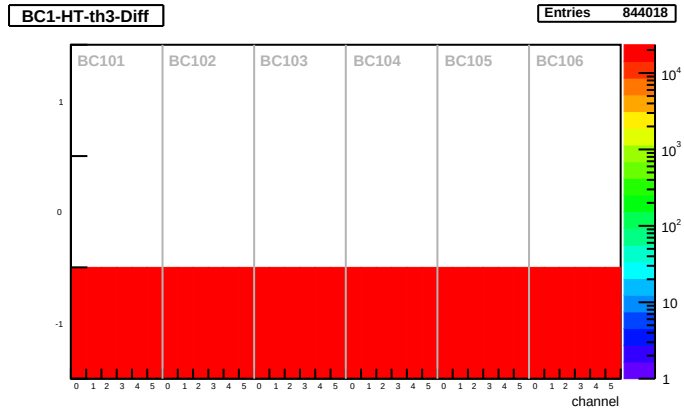

BC1-HT-th1
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

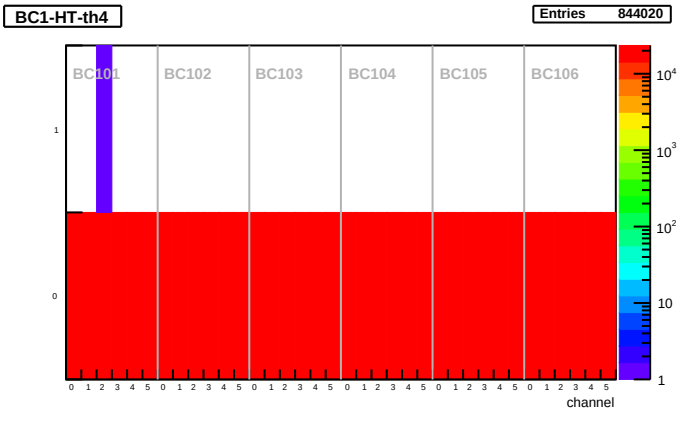

BC1-HT-th1-Diff
Entries 4
BC101
BC102
BC103
BC104
BC105
BC106
channel

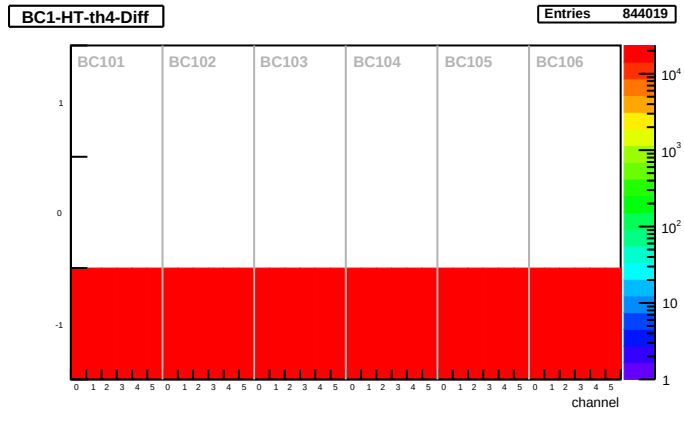

BC1-HT-th2
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

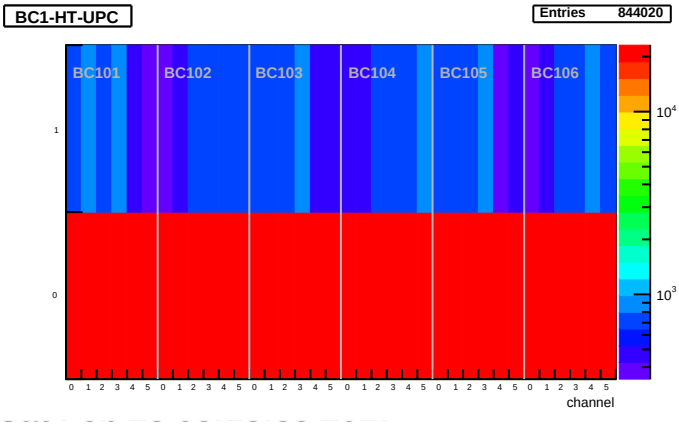

BC1-HT-th2-Diff
Entries 6
BC101
BC102
BC103
BC104
BC105
BC106
channel

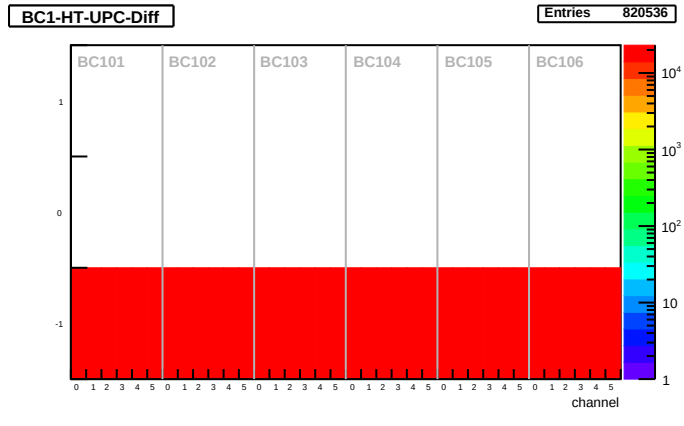

BC1-HT-th3
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

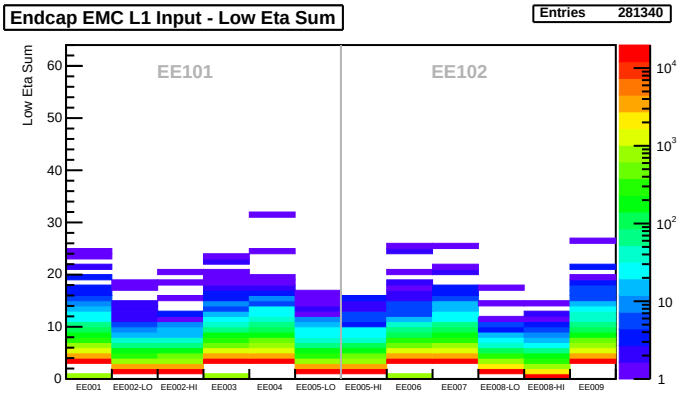

BC1-HT-th3-Diff
Entries 844018
BC101
BC102
BC103
BC104
BC105
BC106
channel

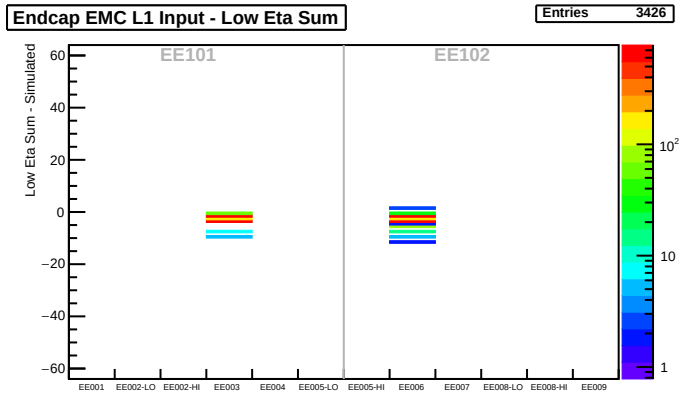

BC1-HT-th4
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

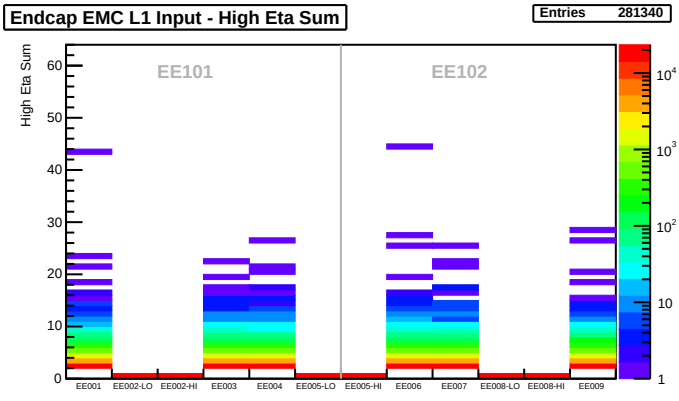

BC1-HT-th4-Diff
Entries 844019
BC101
BC102
BC103
BC104
BC105
BC106
channel

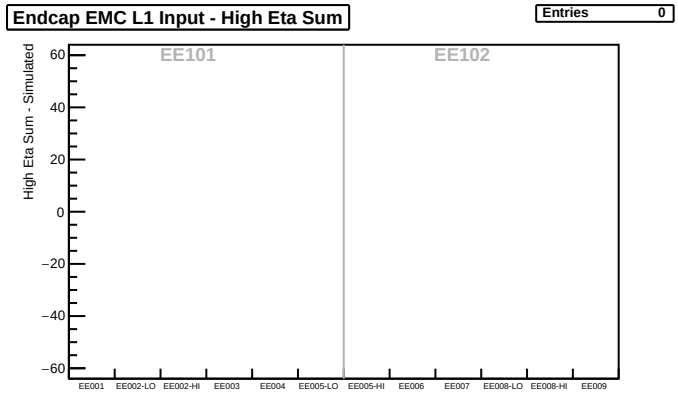

BC1-HT-UPC
Entries 844020
BC101
BC102
BC103
BC104
BC105
BC106
channel

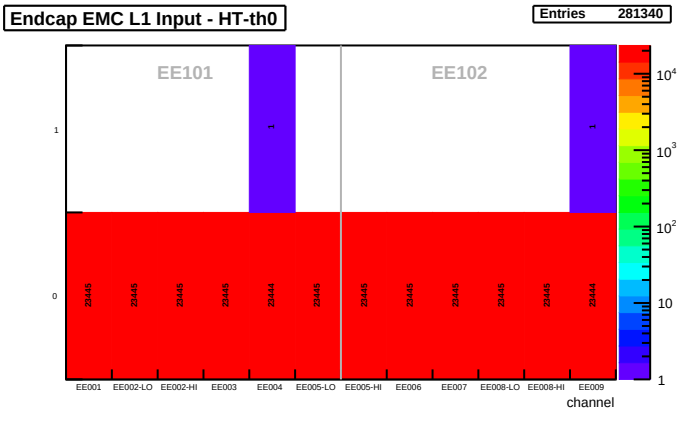

BC1-HT-UPC-Diff
Entries 820536
BC101
BC102
BC103
BC104
BC105
BC106
channel

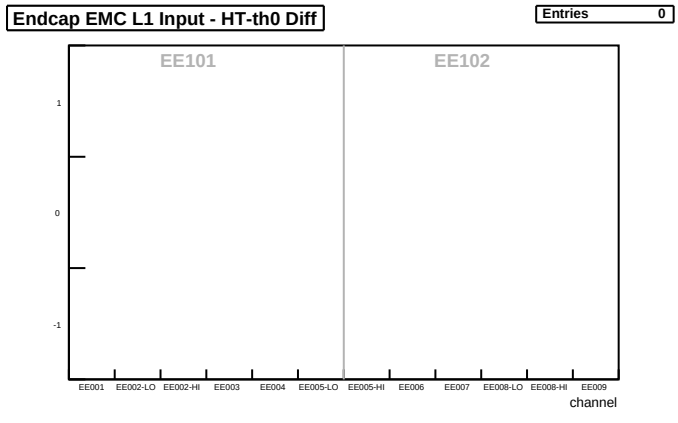

Endcap EMC L1 Input - Low Eta Sum
Entries 281340
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

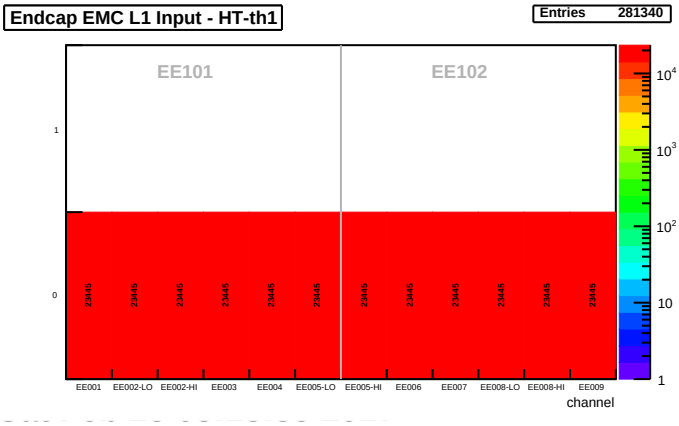

Endcap EMC L1 Input - Low Eta Sum
Entries 3426
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

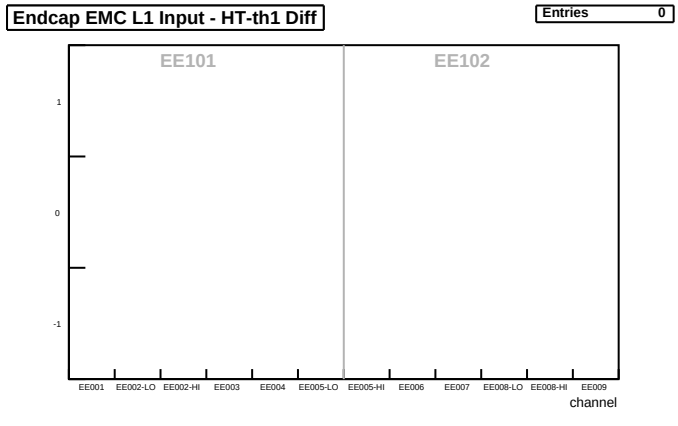

Endcap EMC L1 Input - High Eta Sum
Entries 281340
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

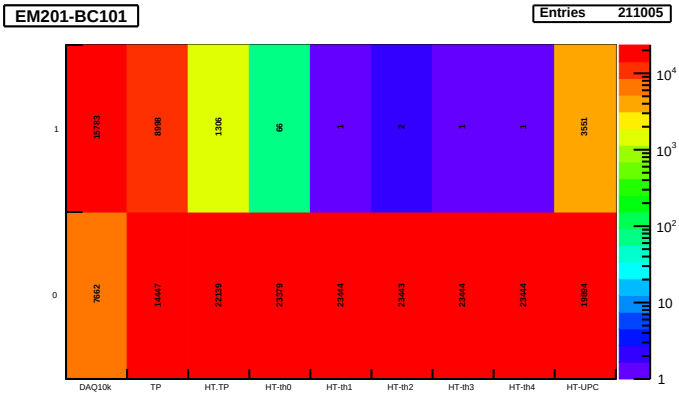

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

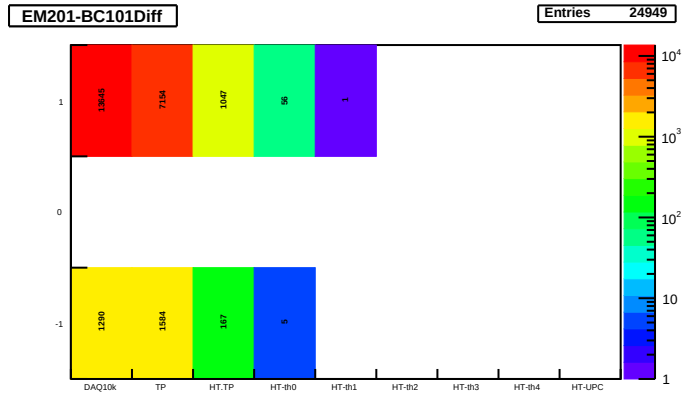

Endcap EMC L1 Input - HT-th0
Entries 281340
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

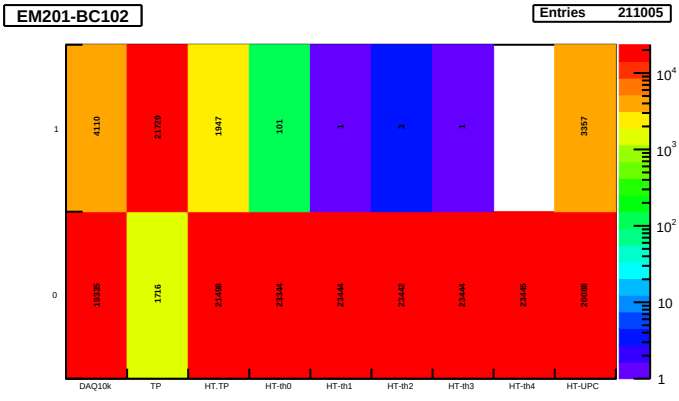

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

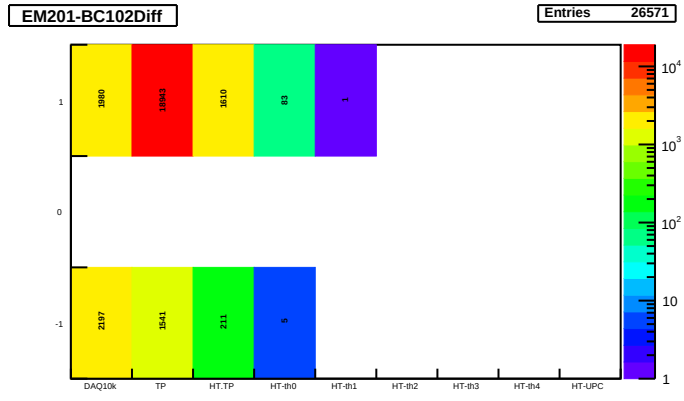

Endcap EMC L1 Input - HT-th1
Entries 281340
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

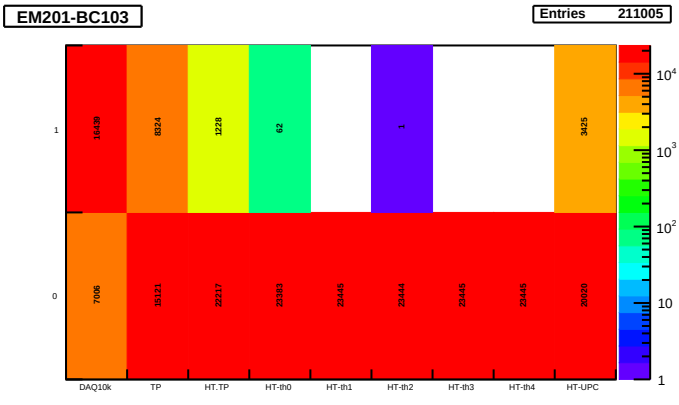

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

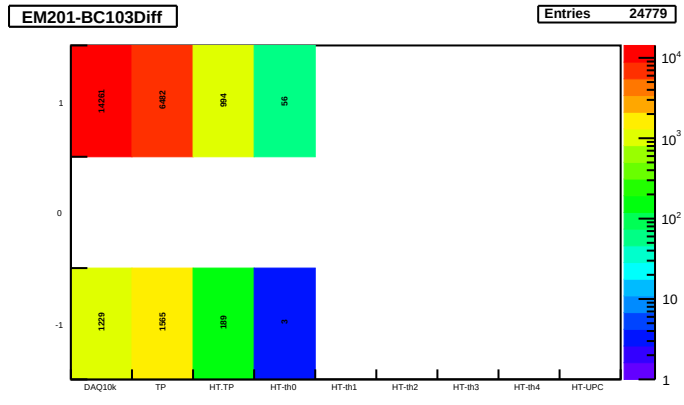

EM201-BC101
Entries 211005
1
0
15783 8998 1306 66 1 2 1 1 3551
7662 14447 22139 23379 23444 23443 23444 23444 19804
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

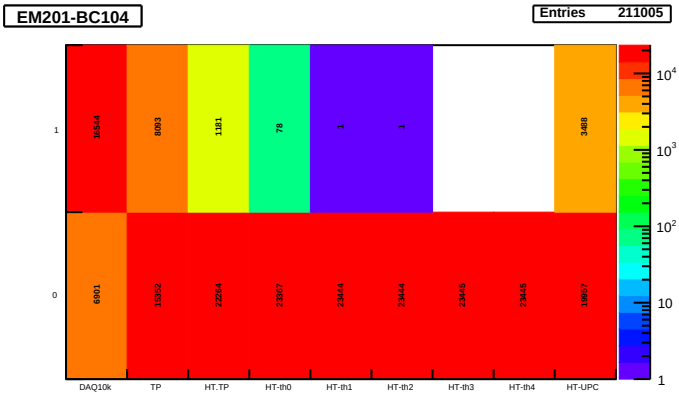

EM201-BC101Diff
Entries 24949
1
0
-1
13845 7154 1047 56 1
1290 1584 167 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

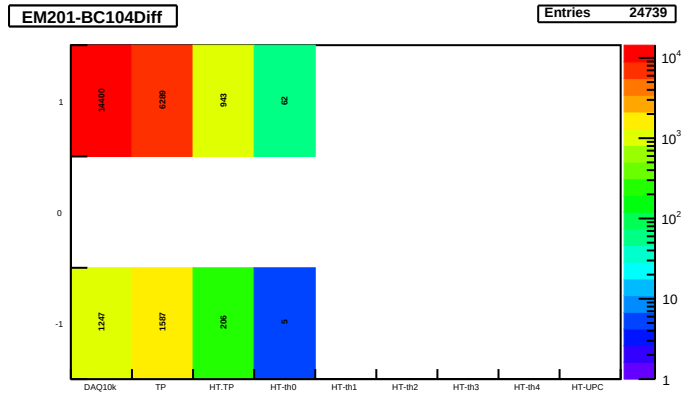

EM201-BC102
Entries 211005
1
0
4110 21729 1947 101 1 3 1 3357
19335 1716 21498 23344 23444 23442 23444 23445 20088
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 26571
1
0
-1
1980 18943 1610 83 1
2197 1541 211 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

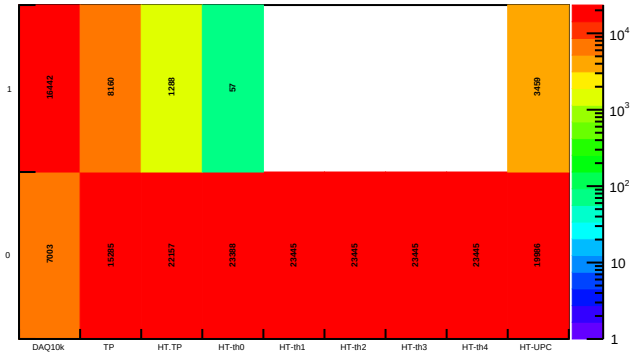

EM201-BC103
Entries 211005
1
0
16439 8324 1228 62 1 3425
7006 15121 22217 23383 23445 23444 23445 23445 20020
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC103Diff
Entries 24779
1
0
-1
14261 6482 984 56
1229 1565 189 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

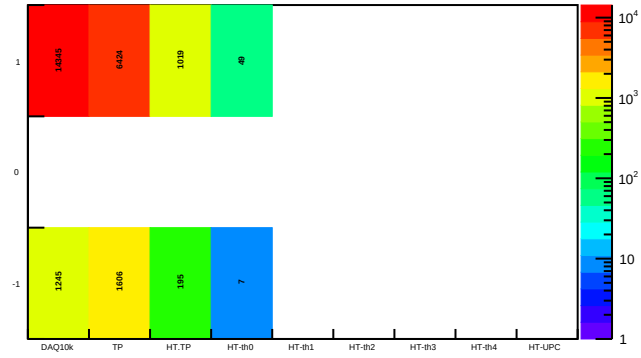

EM201-BC104
Entries 211005
1
0
15544 8093 1181 78 1 1 3468
6901 15352 22264 23367 23444 23444 23445 23445 19957
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 24739
1
0
-1
14400 6289 943 62
1247 1587 206 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

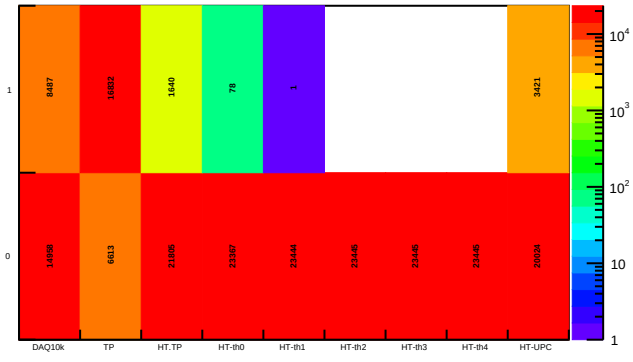
EM201-BC105 Entries 211005



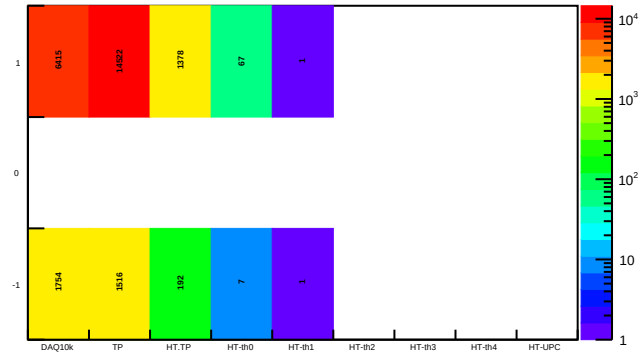
EM201-BC105Diff Entries 24890



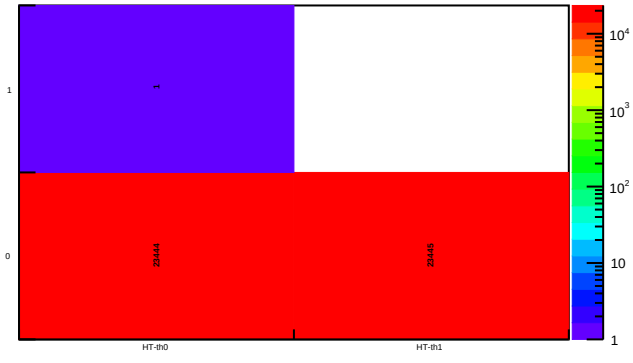
EM201-BC106 Entries 211005



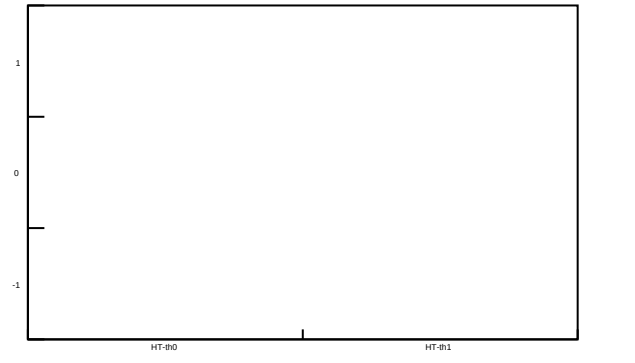
EM201-BC106Diff Entries 25853



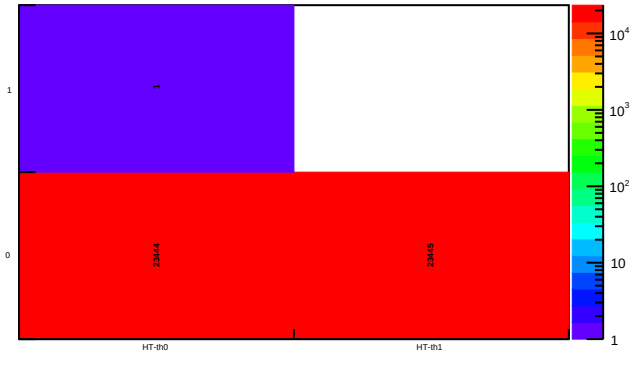
EM201-EE101 Entries 46890



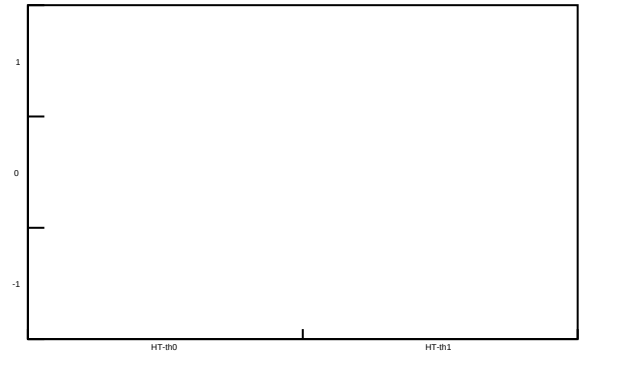
EM201-EE101Diff Entries 0

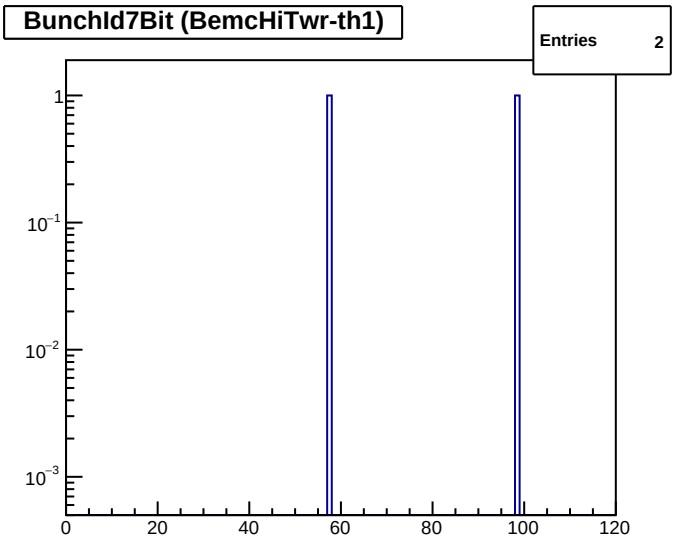


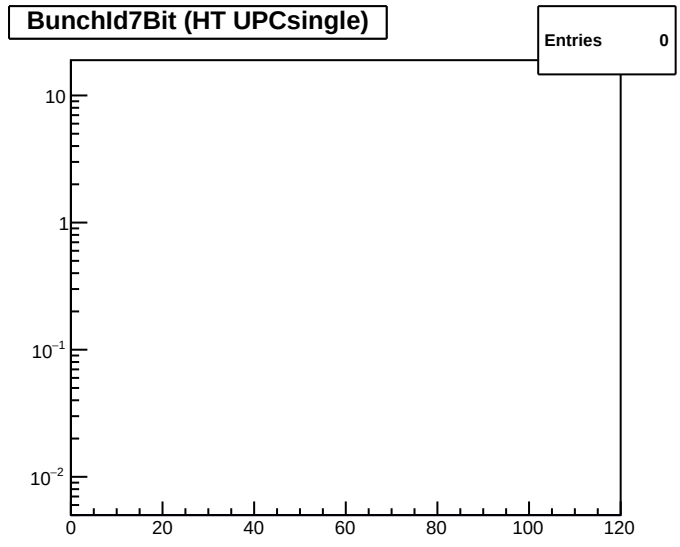
EM201-EE102 Entries 46890

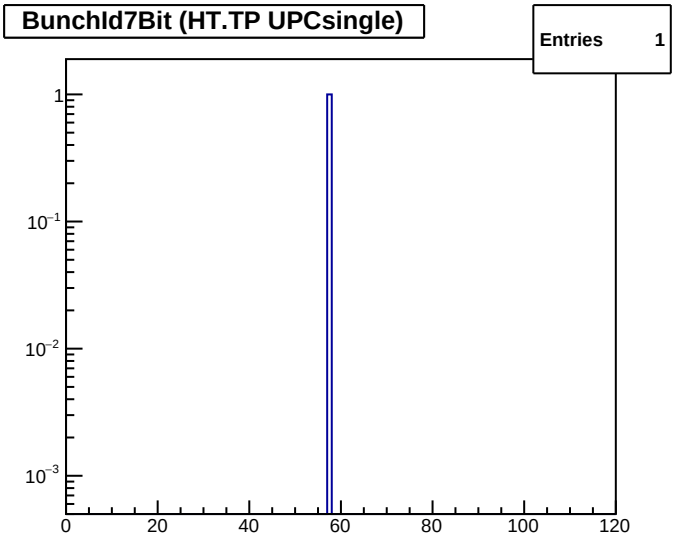


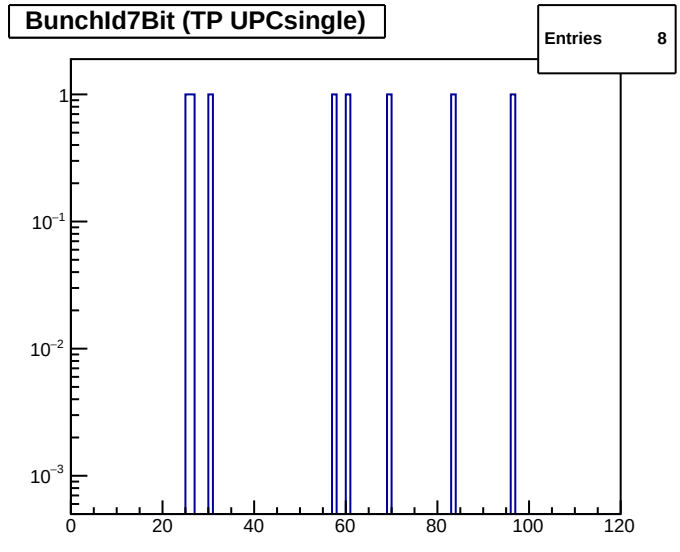
EM201-EE102Diff Entries 0

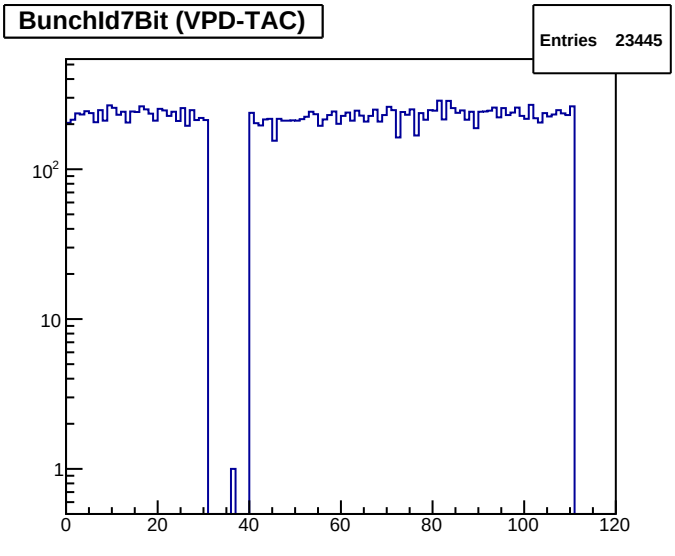


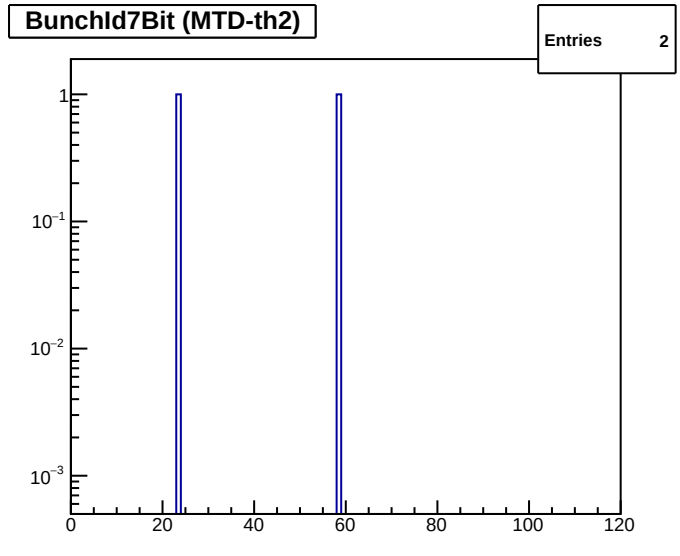

BunchId7Bit (BemcHiTwr-th1)
Entries 2

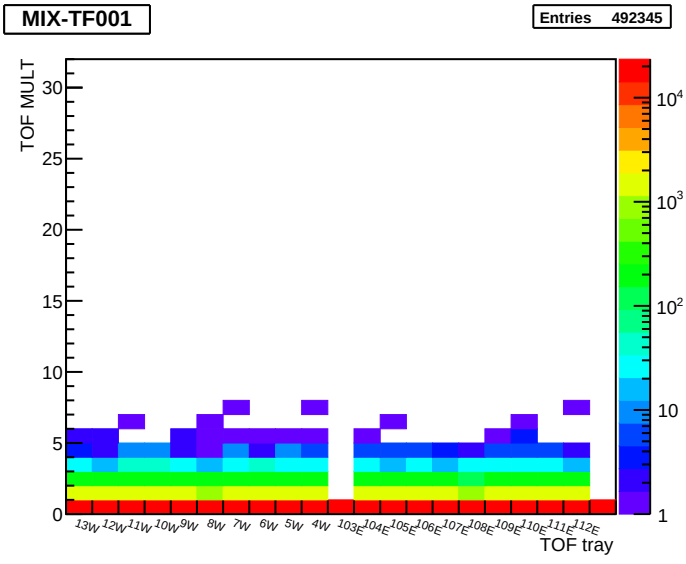

BunchId7Bit (HT UPCsingle)
Entries 0

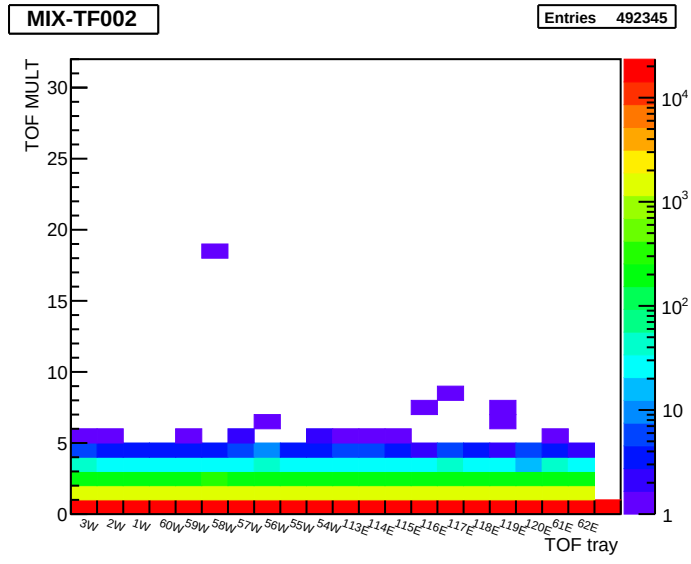

BunchId7Bit (HT.TP UPCsingle)
Entries 1

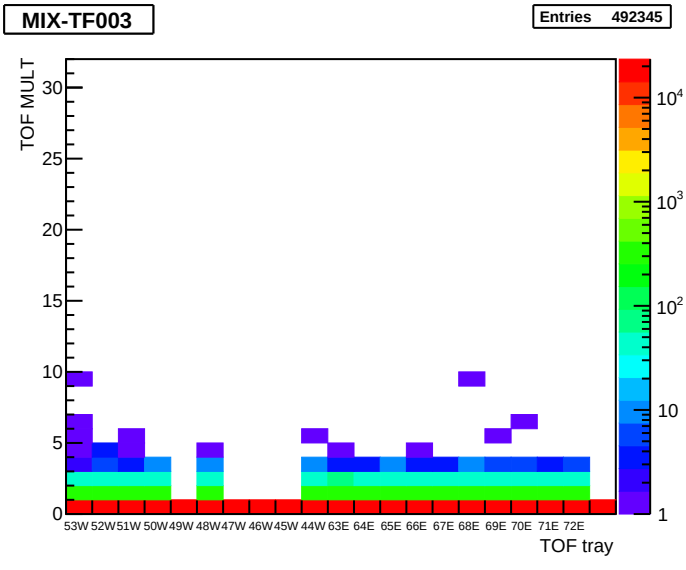

BunchId7Bit (TP UPCsingle)
Entries 8

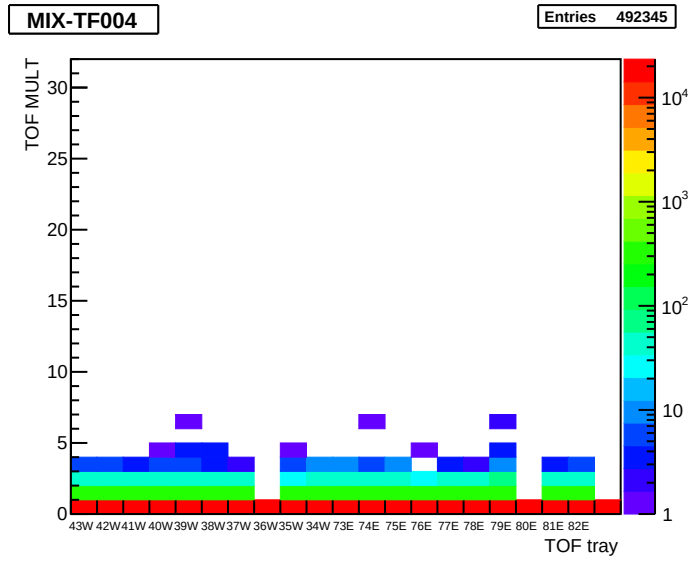

BunchId7Bit (VPD-TAC)
Entries 23445

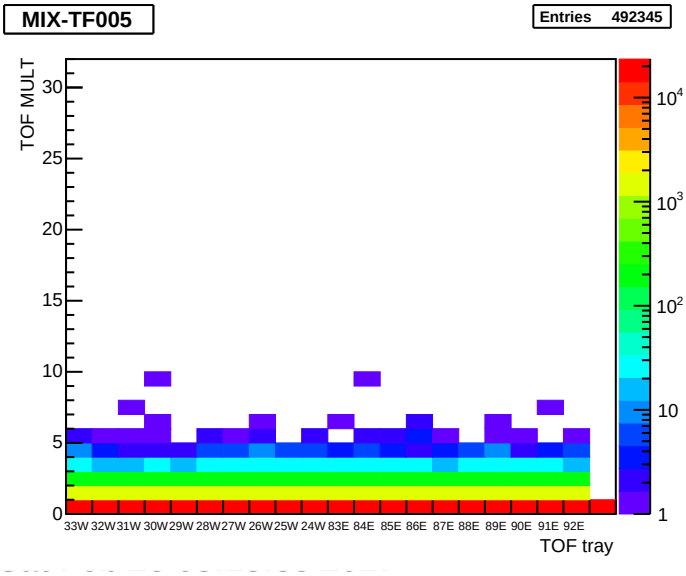

BunchId7Bit (MTD-th2)
Entries 2

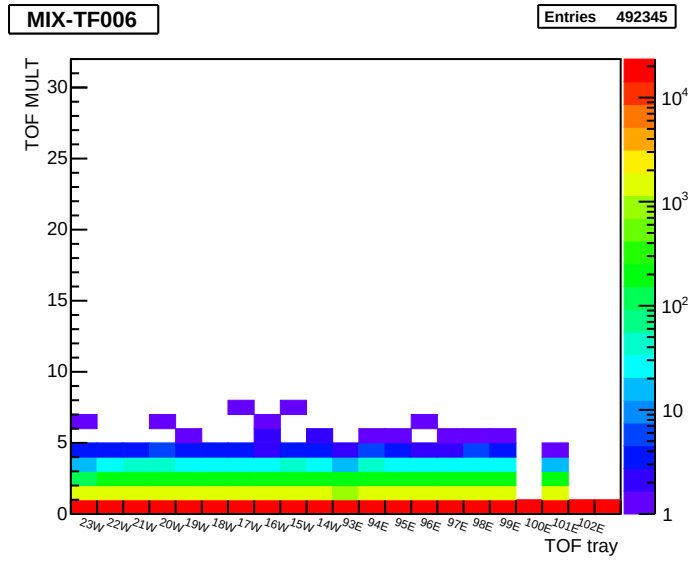

MIX-TF001
Entries 492345
TOF MULT
TOF tray

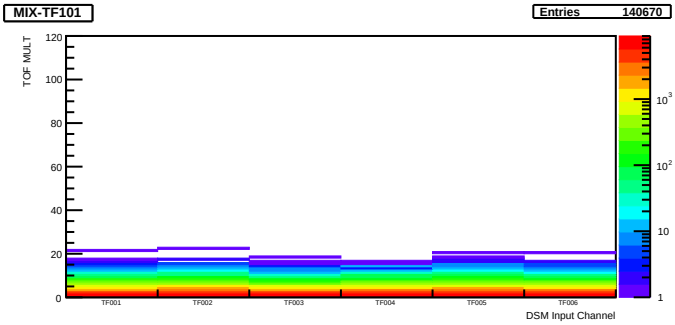

MIX-TF002
Entries 492345
TOF MULT
TOF tray

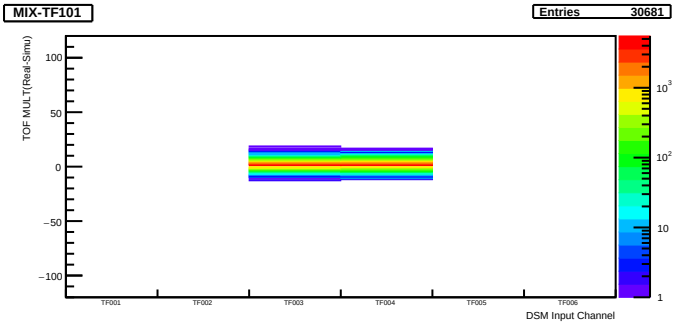

MIX-TF003
Entries 492345
TOF MULT
TOF tray

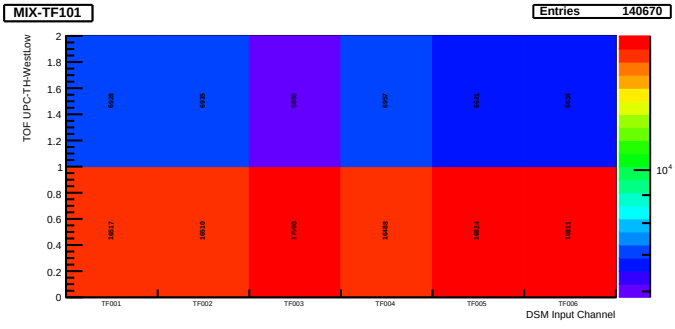

MIX-TF004
Entries 492345
TOF MULT
TOF tray

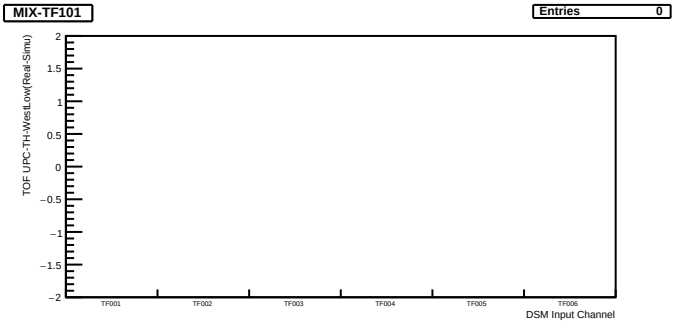

MIX-TF005
Entries 492345
TOF MULT
TOF tray

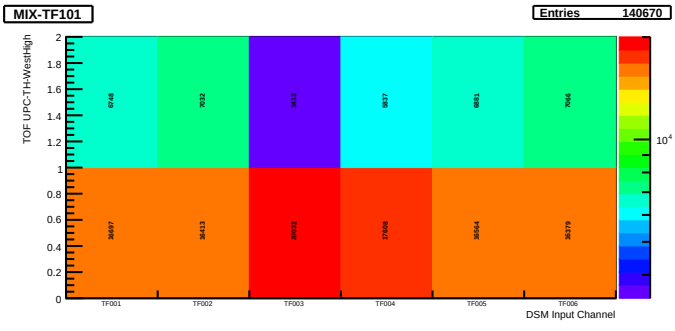

MIX-TF006
Entries 492345
TOF MULT
TOF tray

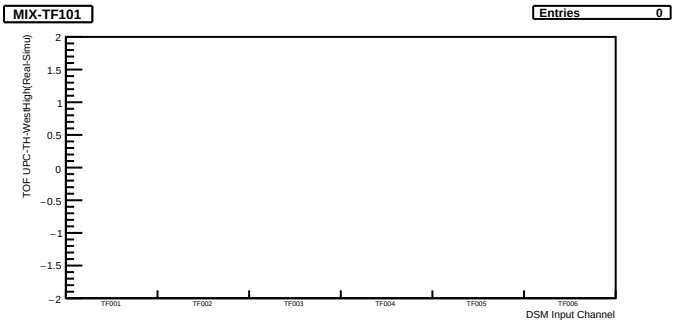

MIX-TF101
Entries 140670
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

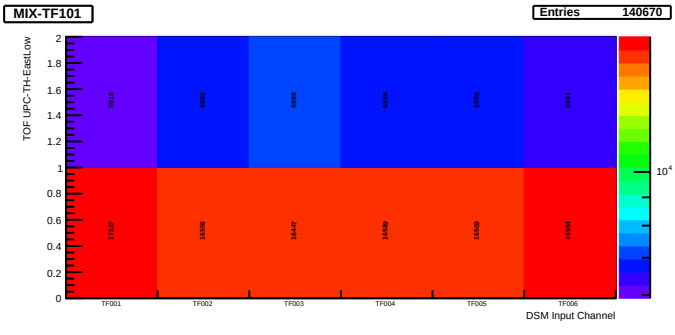

MIX-TF101
Entries 30681
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

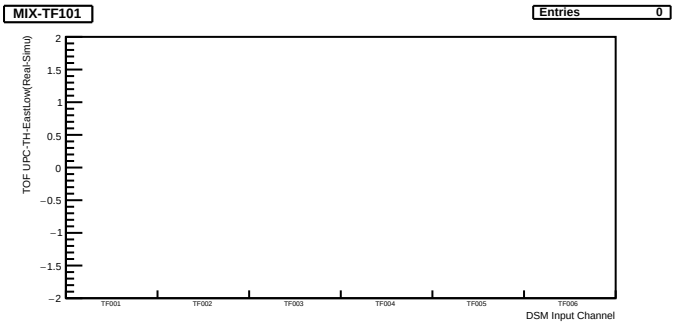

MIX-TF101
Entries 140670
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

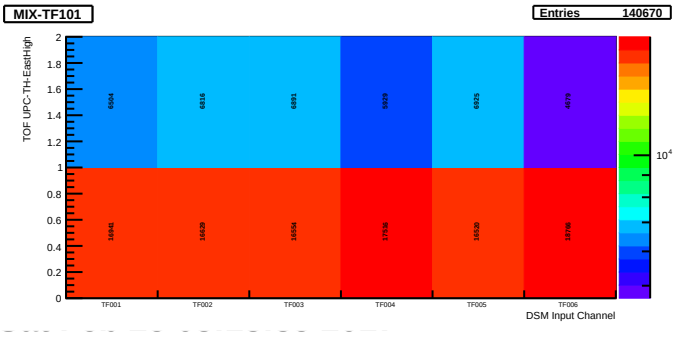

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

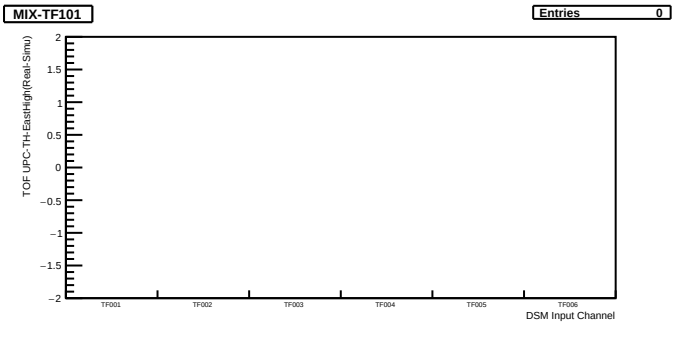

MIX-TF101
Entries 140670
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

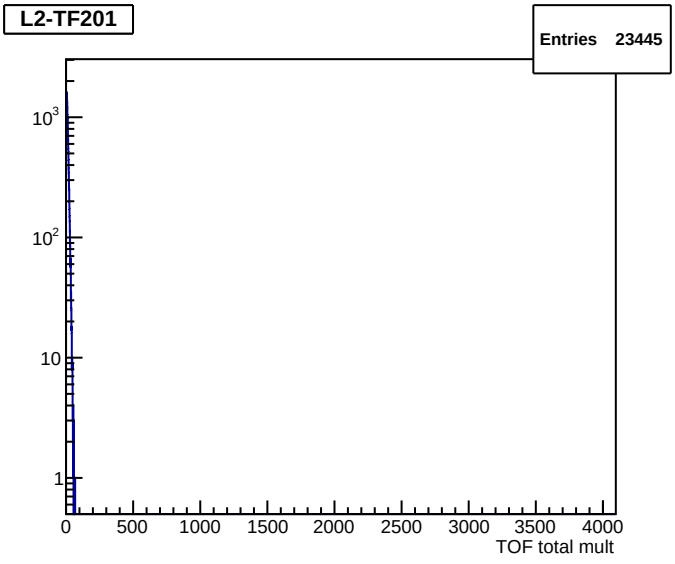

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

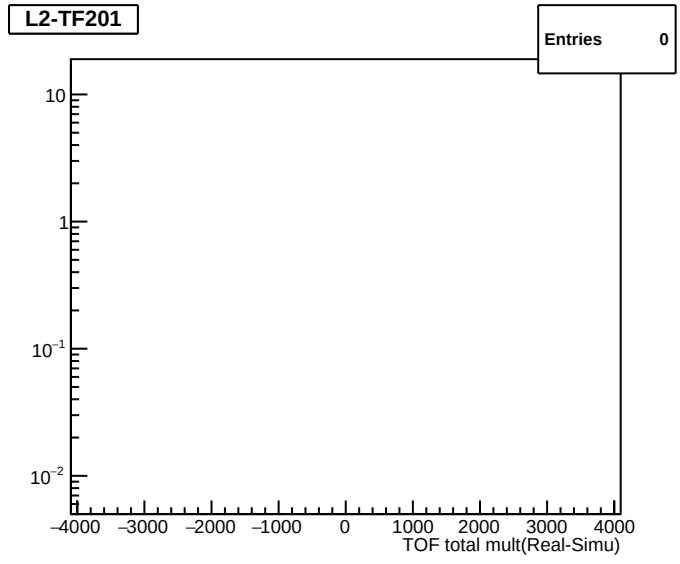

MIX-TF101
Entries 140670
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

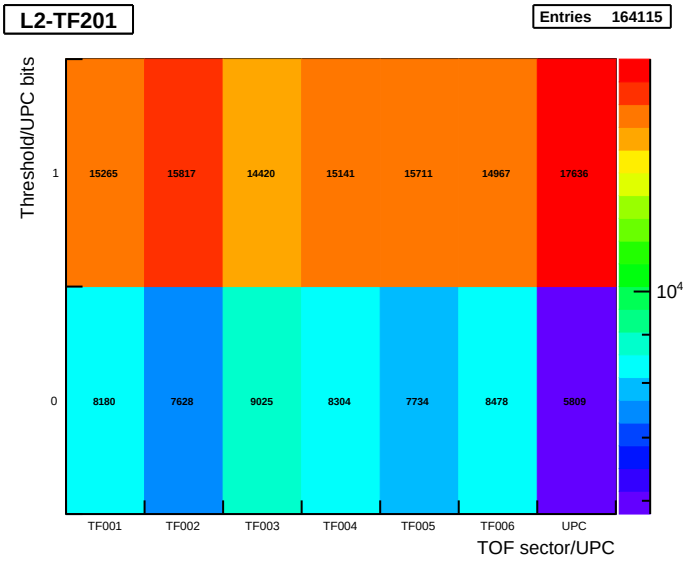

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

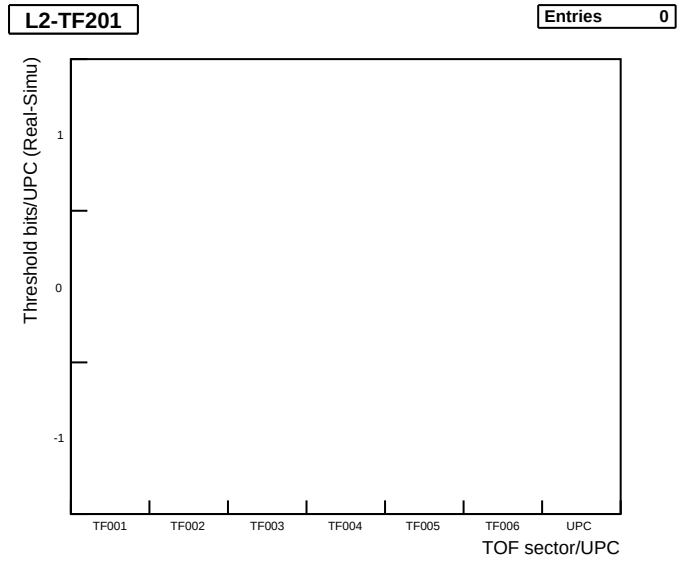

MIX-TF101
Entries 140670
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

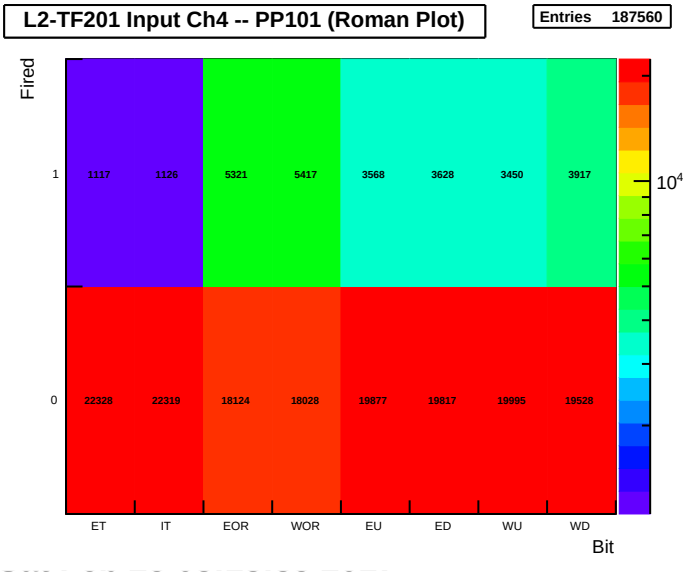

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

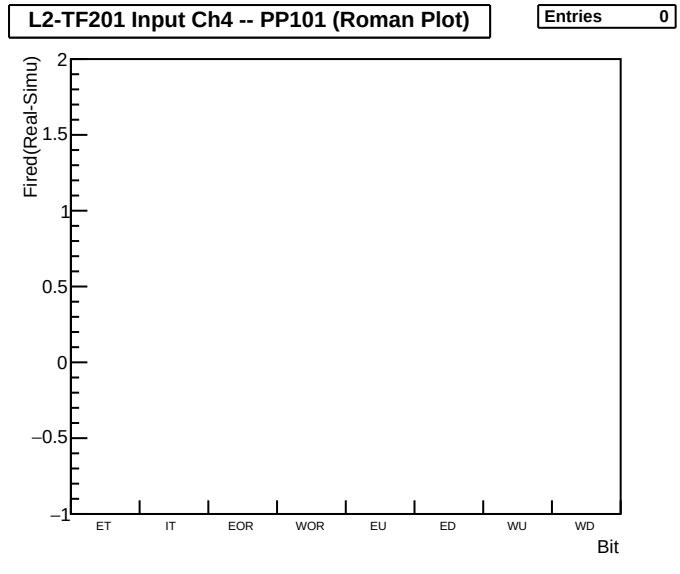

L2-TF201
Entries 23445
TOF total mult

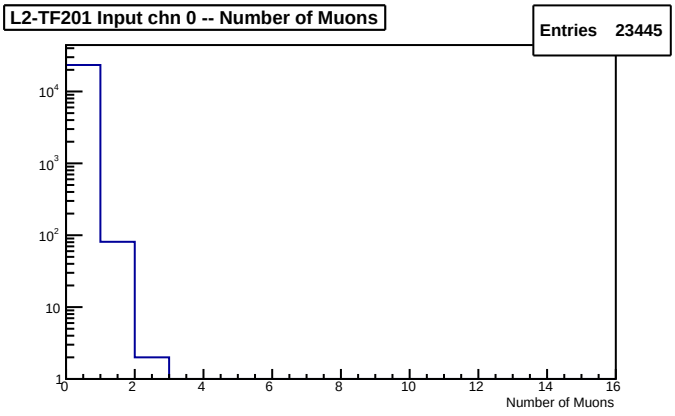

L2-TF201
Entries 0
TOF total mult(Real-Simu)

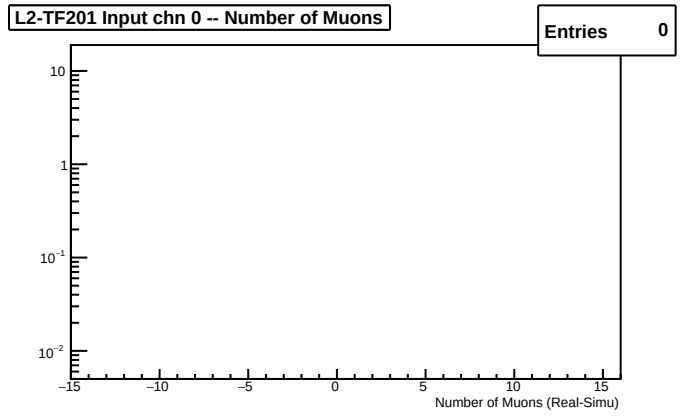

L2-TF201
Entries 164115
Threshold/UPC bits
15265 15817 14420 15141 15711 14967 17636
8180 7628 9025 8304 7734 8478 5809
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

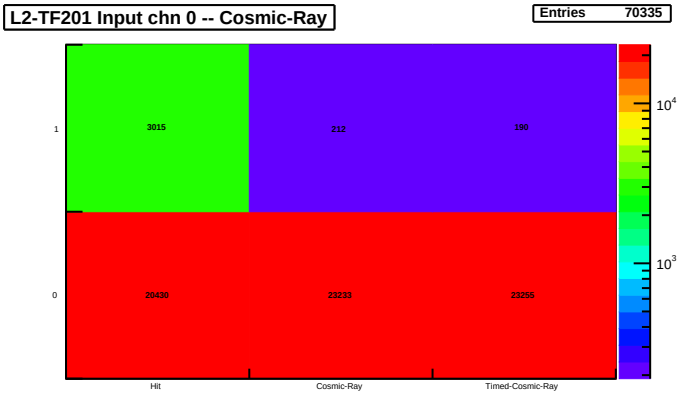

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

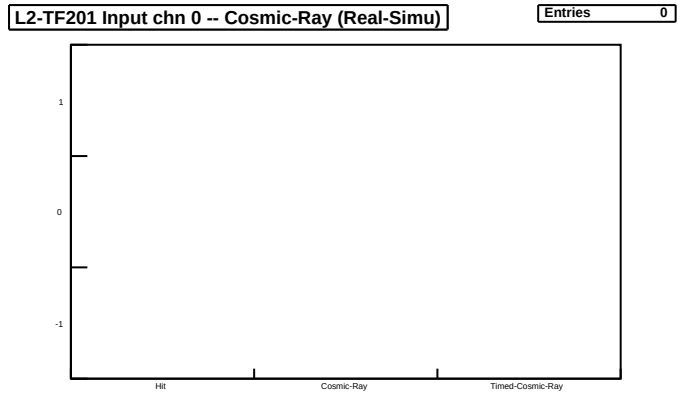

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 187560
Fired
1117 1126 5321 5417 3568 3628 3450 3917
22328 22319 18124 18028 19877 19817 19995 19528
ET IT EOR WOR EU ED WU WD
Bit

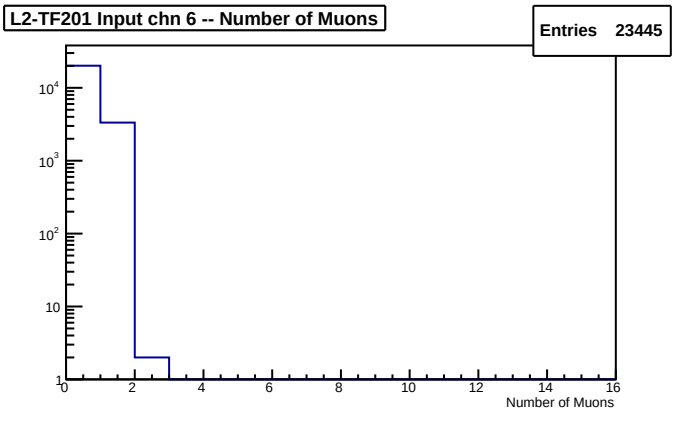

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

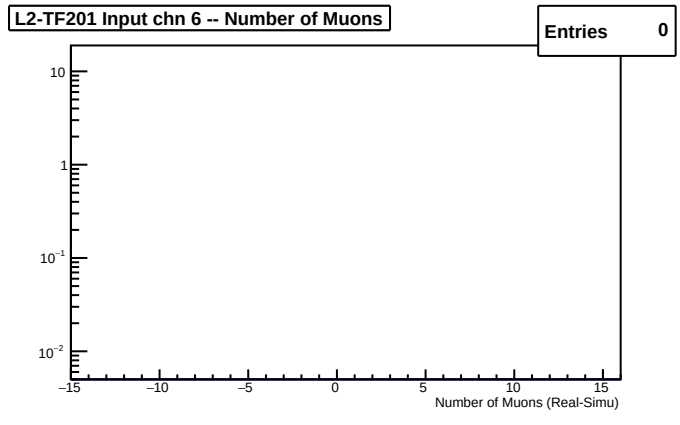

L2-TF201 Input chn 0 -- Number of Muons
Entries 23445
Number of Muons

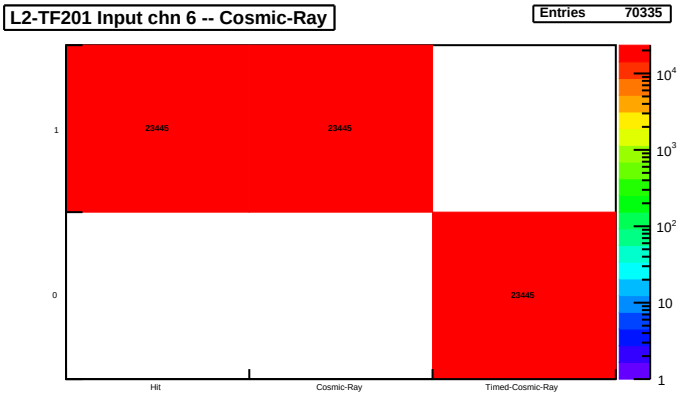

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

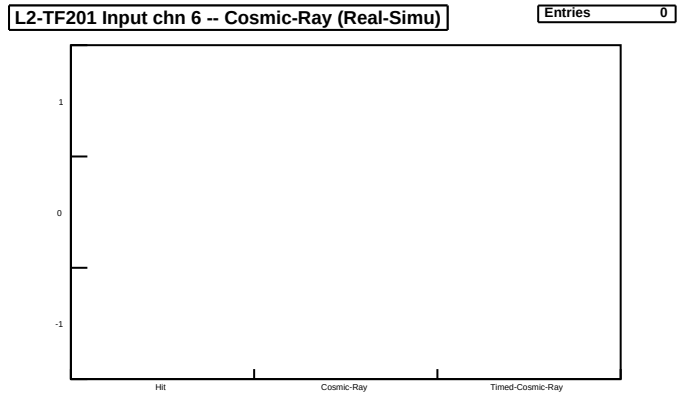

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 70335
3015
212
190
20430
23233
23255
Hit
Cosmic-Ray
Timed-Cosmic-Ray

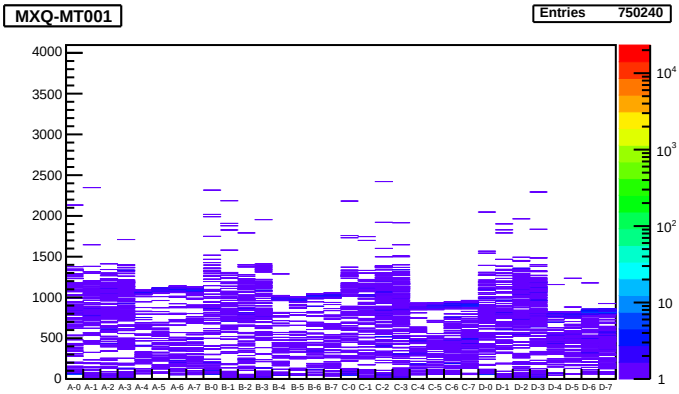

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

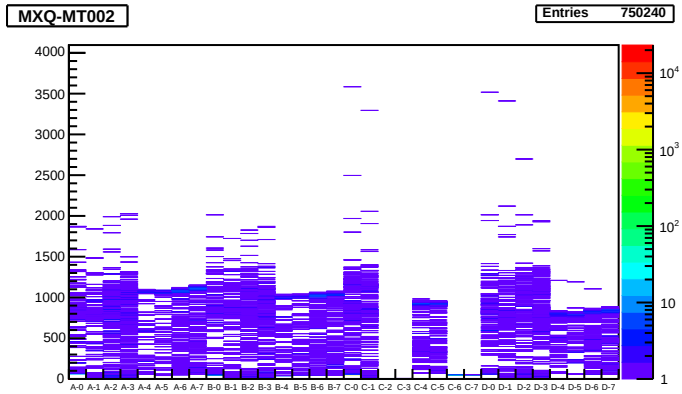

L2-TF201 Input chn 6 -- Number of Muons
Entries 23445
Number of Muons

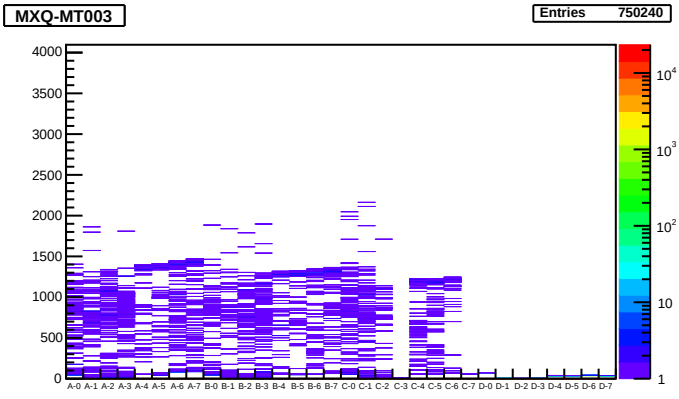

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

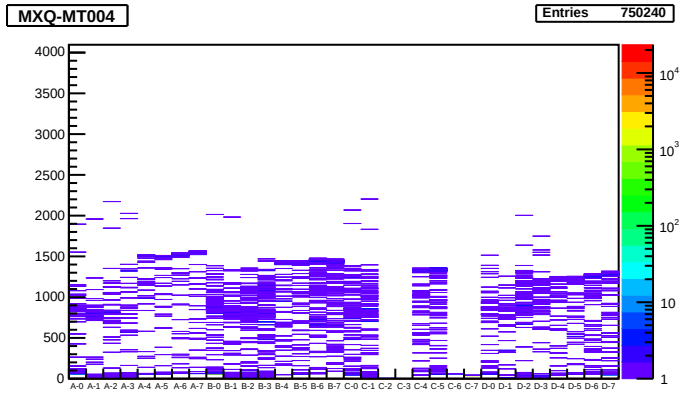

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 70335
23445
23445
23445
Hit
Cosmic-Ray
Timed-Cosmic-Ray

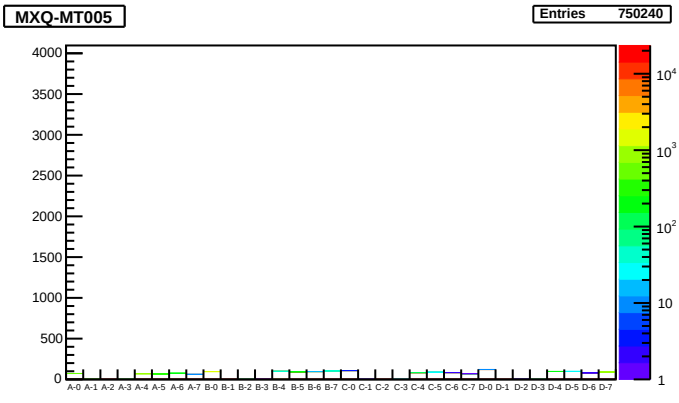

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

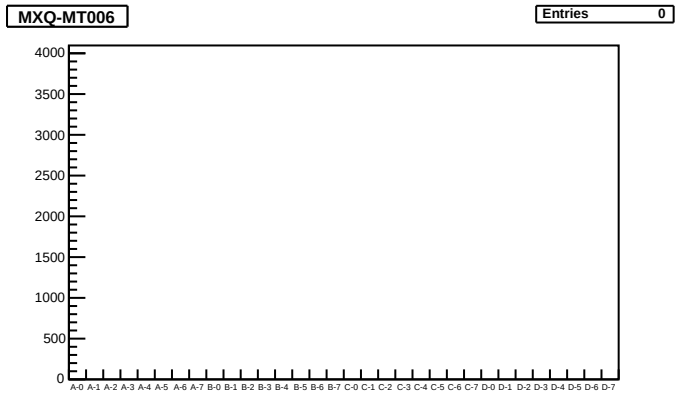

MXQ-MT001
Entries 750240

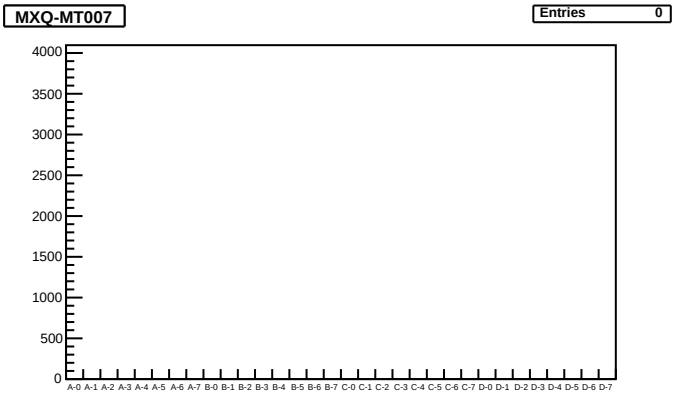

MXQ-MT002
Entries 750240

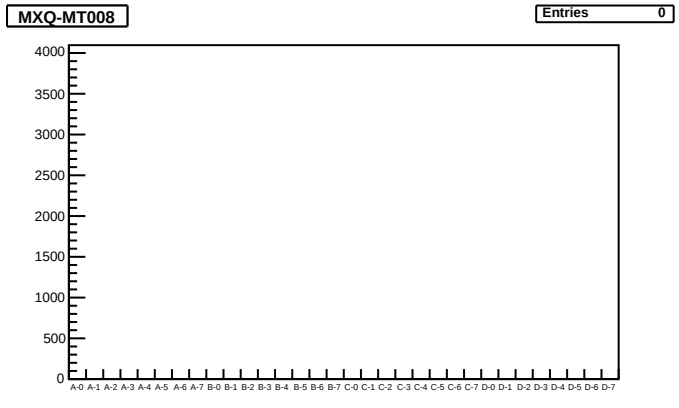

MXQ-MT003
Entries 750240

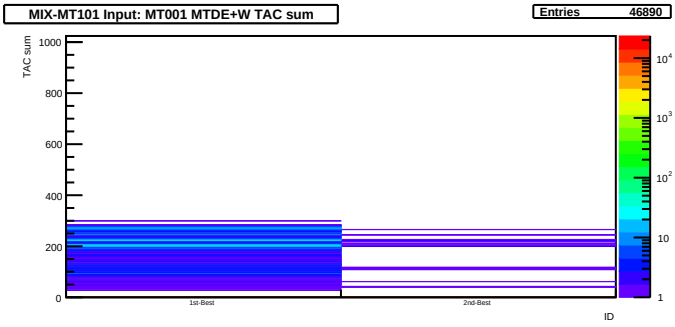

MXQ-MT004
Entries 750240

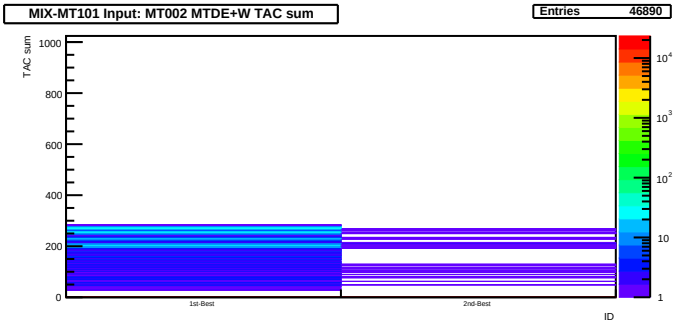

MXQ-MT005
Entries 750240

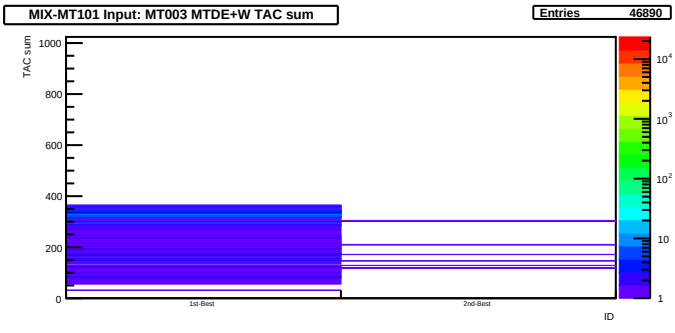

MXQ-MT006
Entries 0

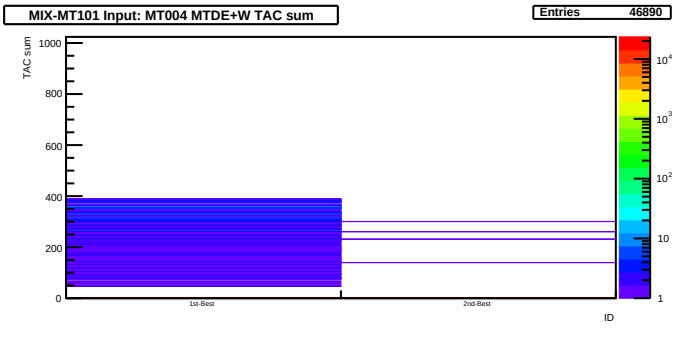

MXQ-MT007
Entries 0

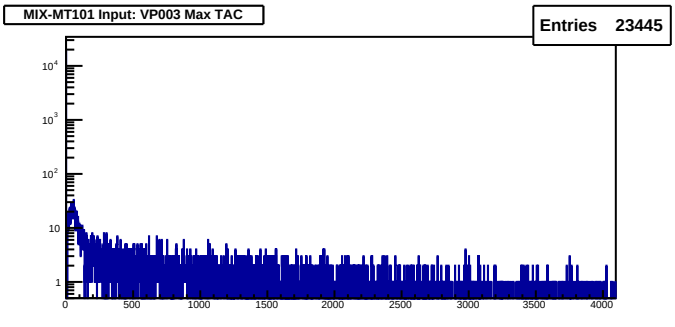

MXQ-MT008
Entries 0

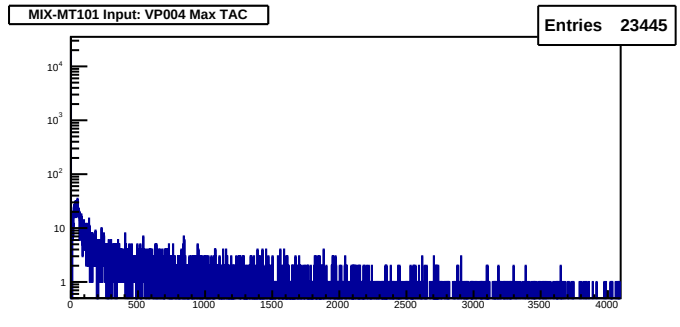

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

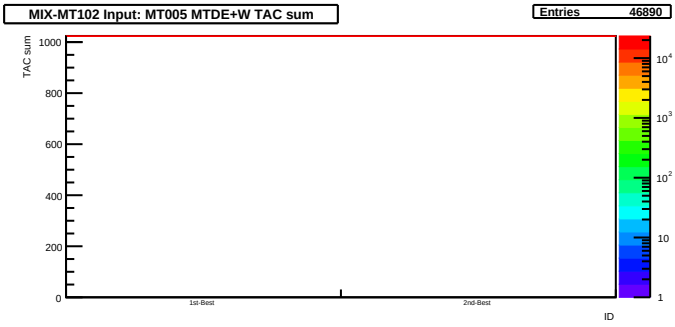

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

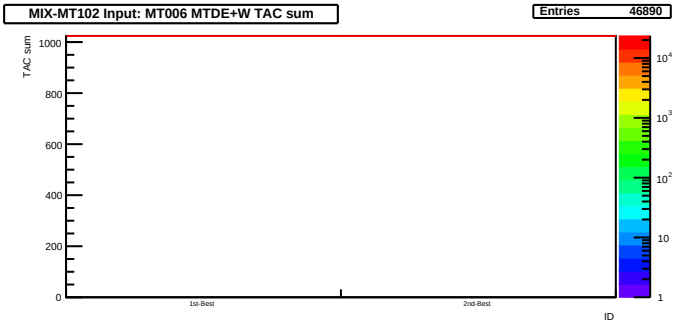

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

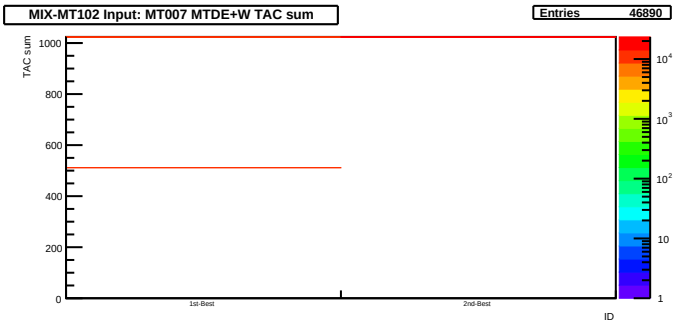

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

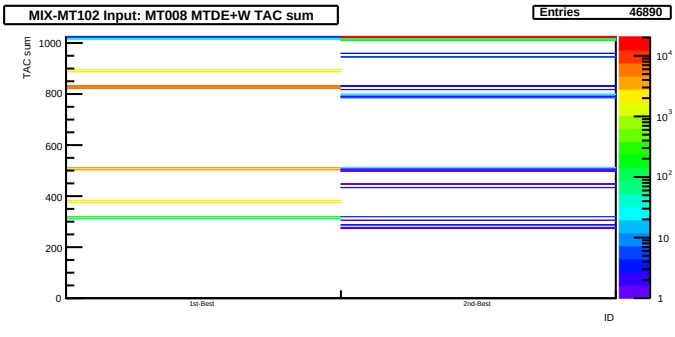

MIX-MT101 Input: VP003 Max TAC
Entries 23445

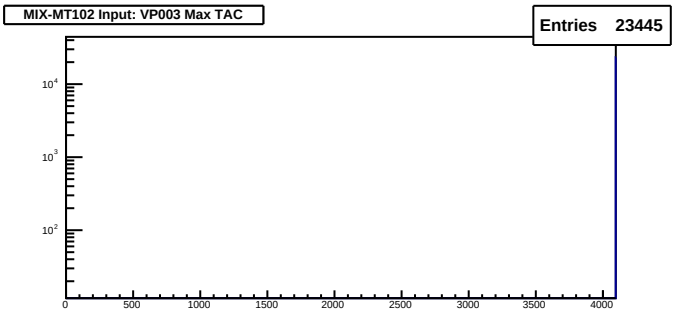

MIX-MT101 Input: VP004 Max TAC
Entries 23445

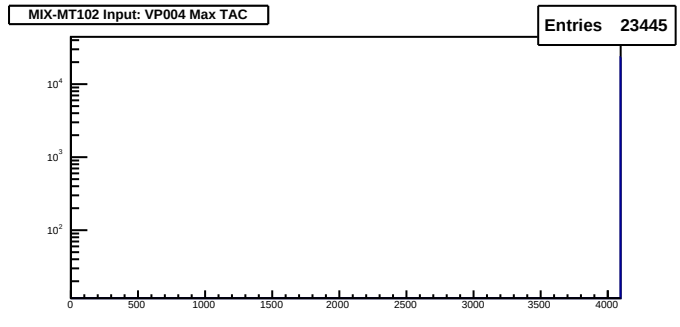

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

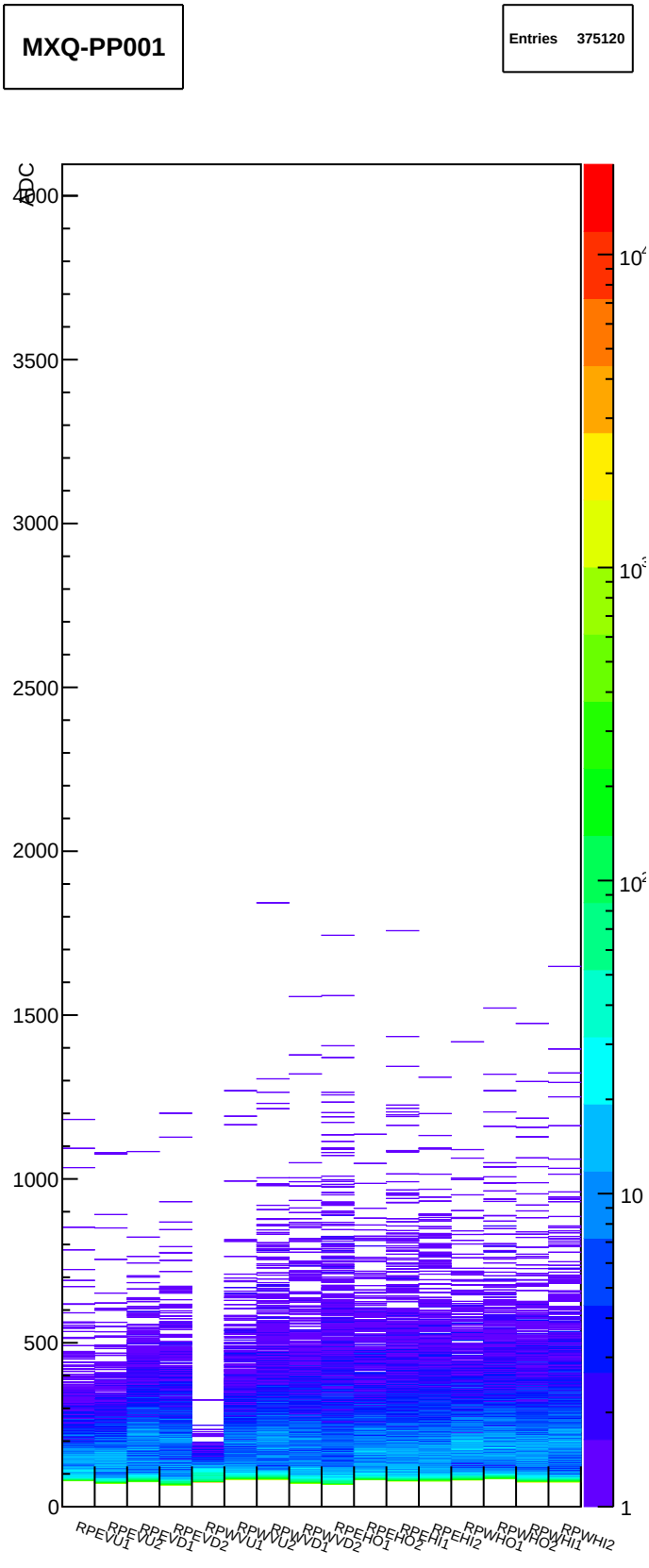

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

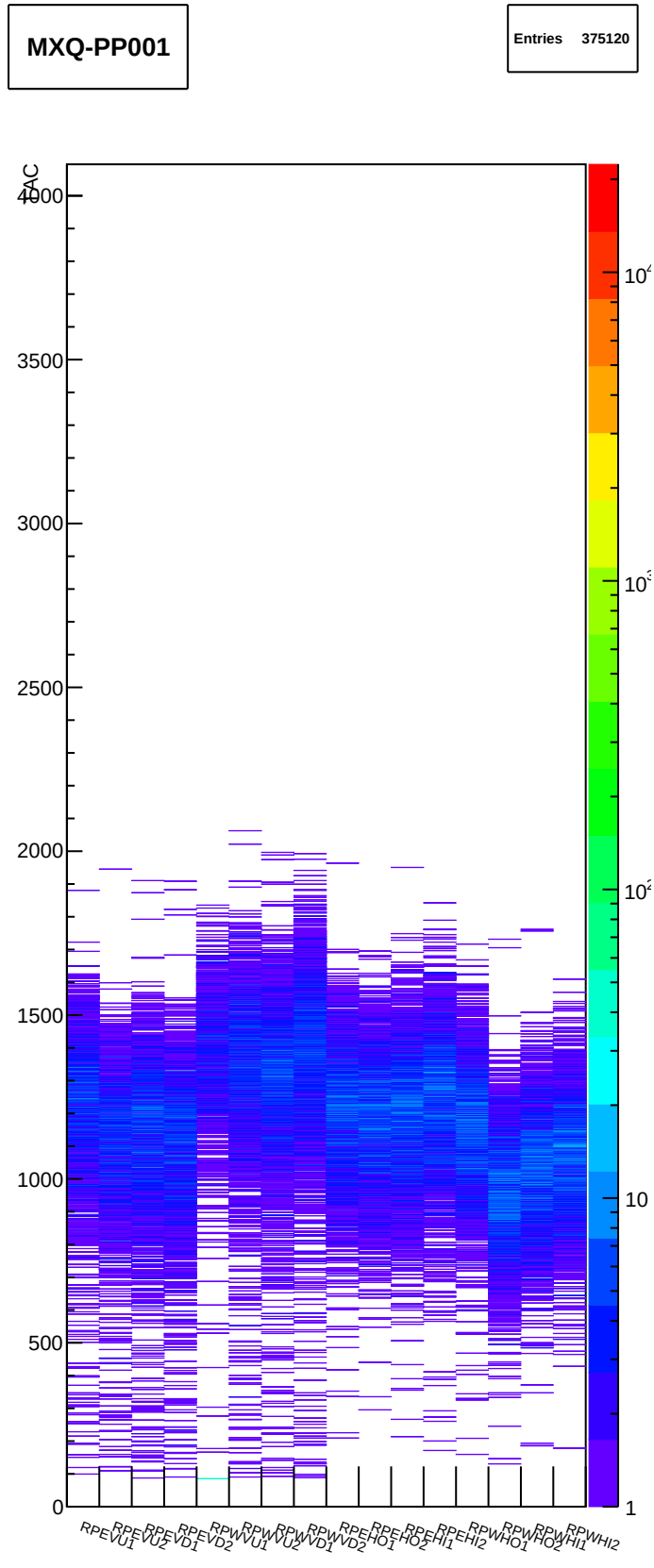

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

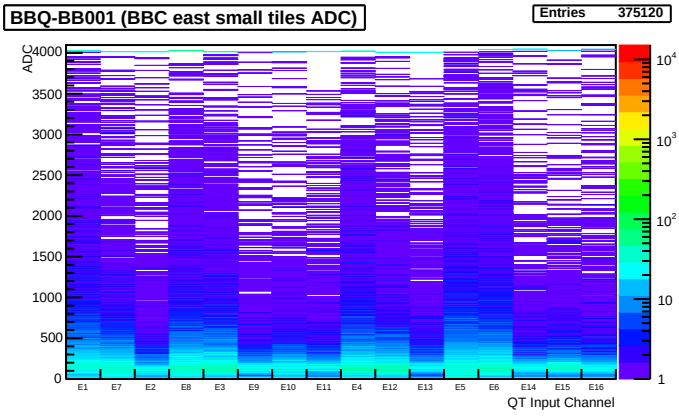

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 46890
TAC sum
1st-Best
2nd-Best
ID

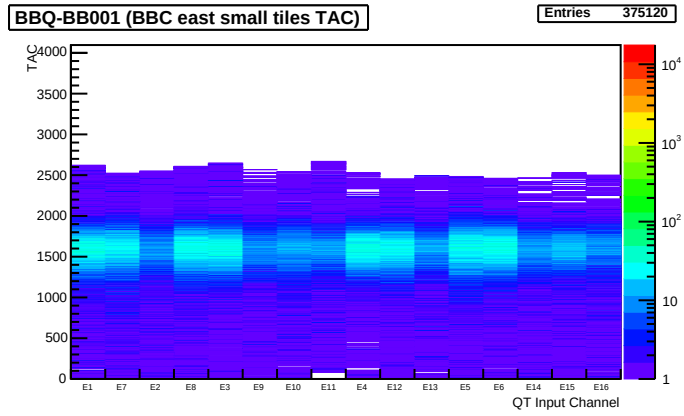

MIX-MT102 Input: VP003 Max TAC
Entries 23445

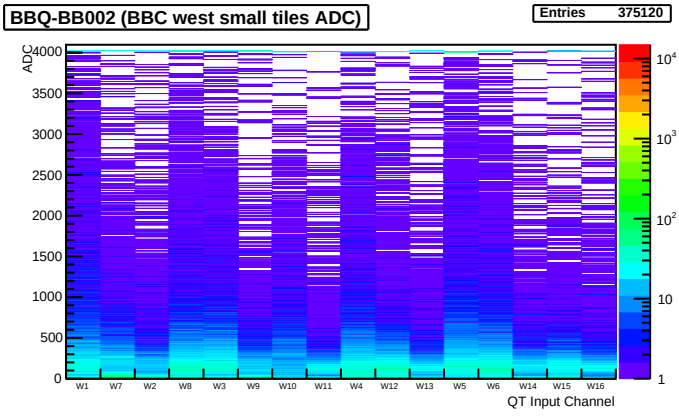

MIX-MT102 Input: VP004 Max TAC
Entries 23445

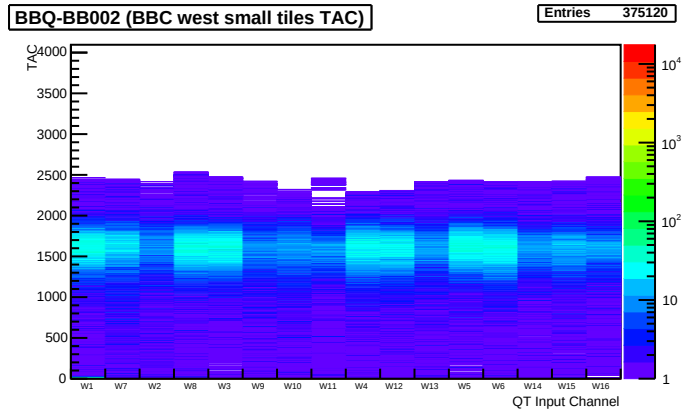

MXQ-PP001
Entries 375120
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

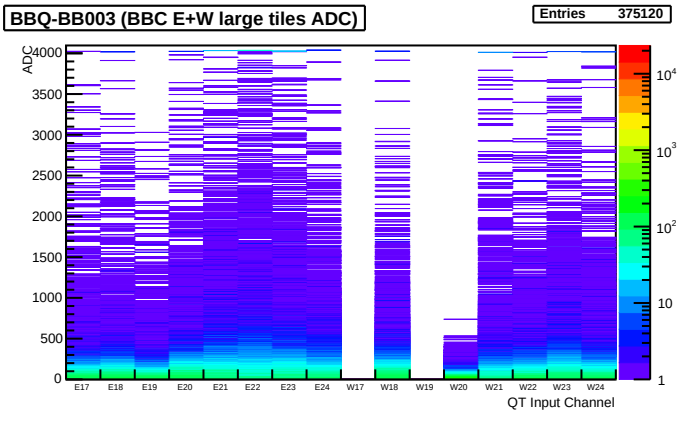

MXQ-PP001
Entries 375120
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

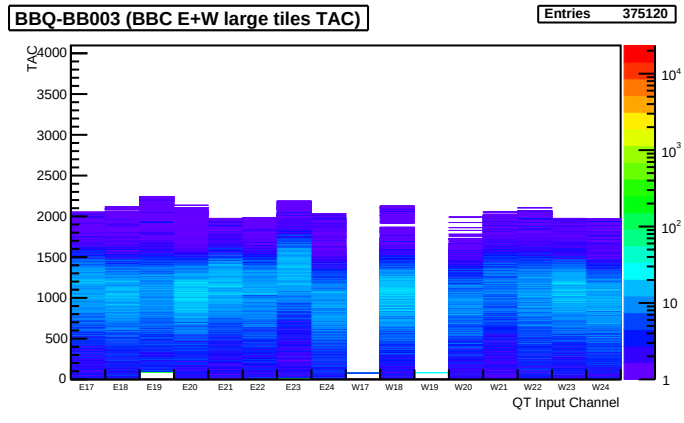

BBQ-BB001 (BBC east small tiles ADC)
Entries 375120
ADC
QT Input Channel

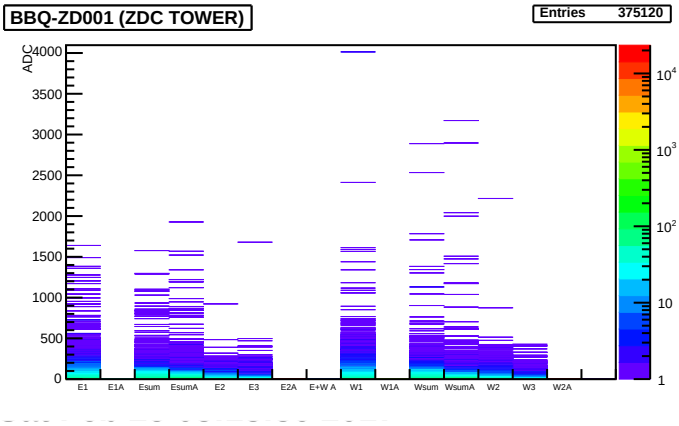

BBQ-BB001 (BBC east small tiles TAC)
Entries 375120
TAC
QT Input Channel

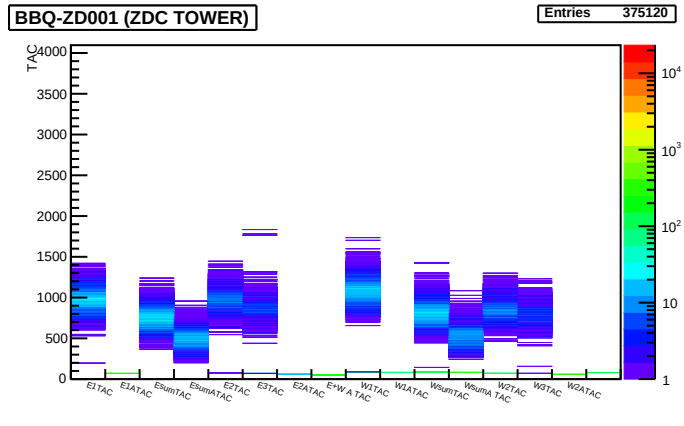

BBQ-BB002 (BBC west small tiles ADC)
Entries 375120
ADC
QT Input Channel

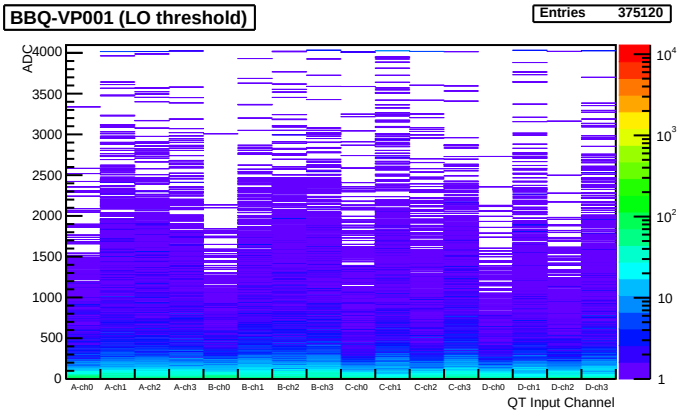

BBQ-BB002 (BBC west small tiles TAC)
Entries 375120
TAC
QT Input Channel

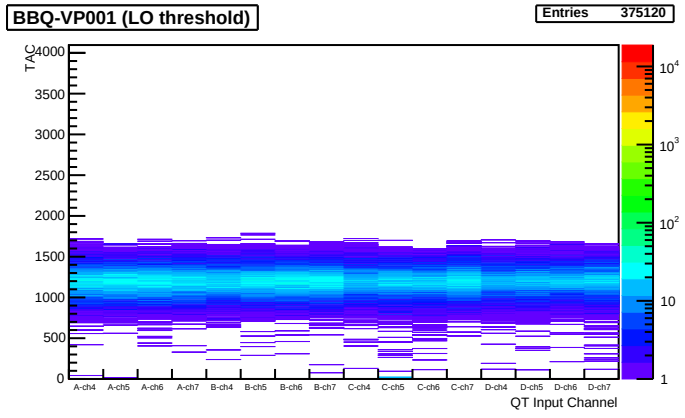

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 375120
ADC
QT Input Channel

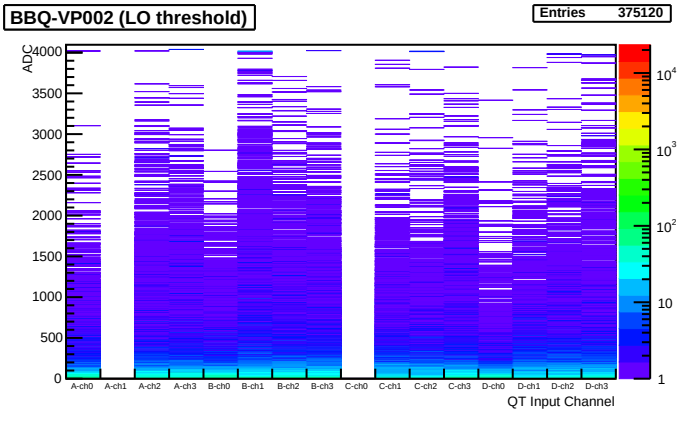

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 375120
TAC
QT Input Channel

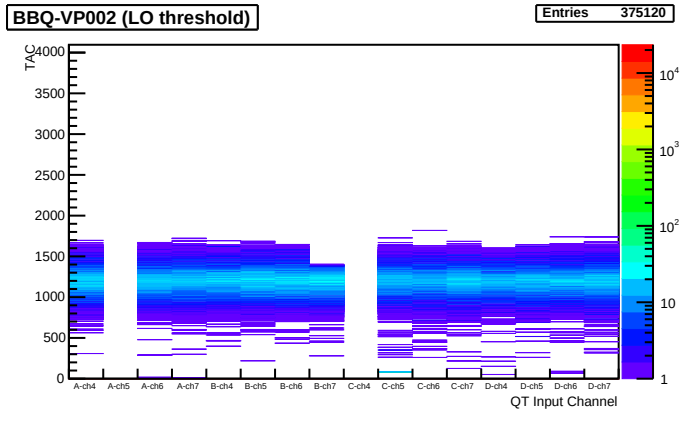

BBQ-ZD001 (ZDC TOWER)
Entries 375120
ADC

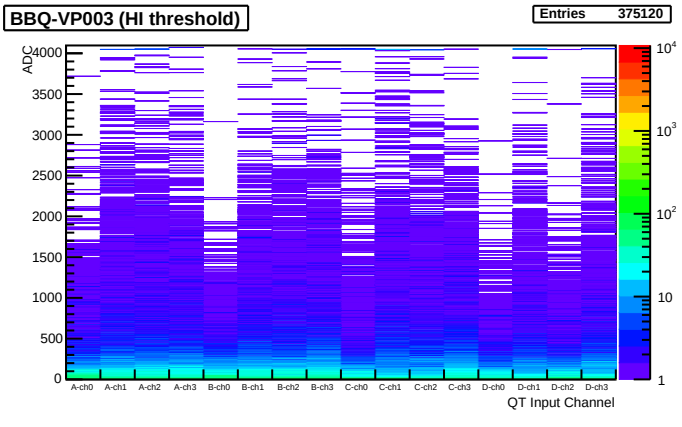

BBQ-ZD001 (ZDC TOWER)
Entries 375120
TAC

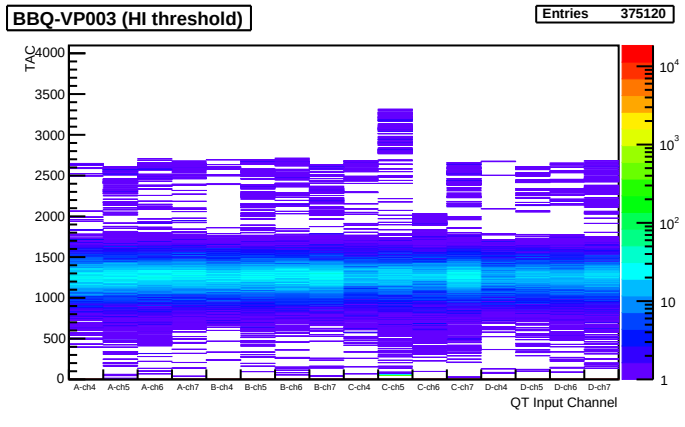

BBQ-VP001 (LO threshold)
Entries 375120
ADC
QT Input Channel

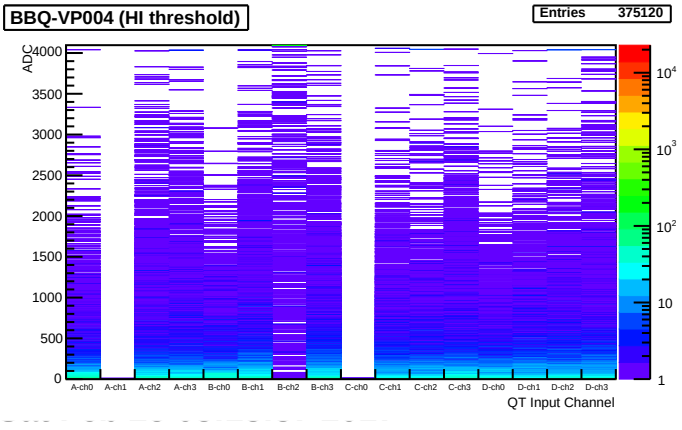

BBQ-VP001 (LO threshold)
Entries 375120
TAC
QT Input Channel

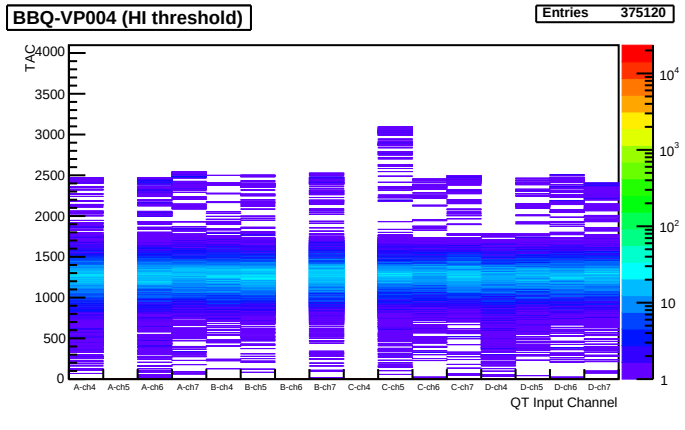

BBQ-VP002 (LO threshold)
Entries 375120
ADC
QT Input Channel

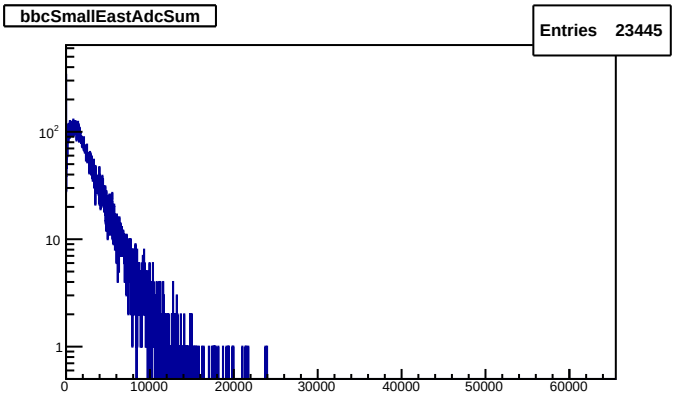

BBQ-VP002 (LO threshold)
Entries 375120
TAC
QT Input Channel

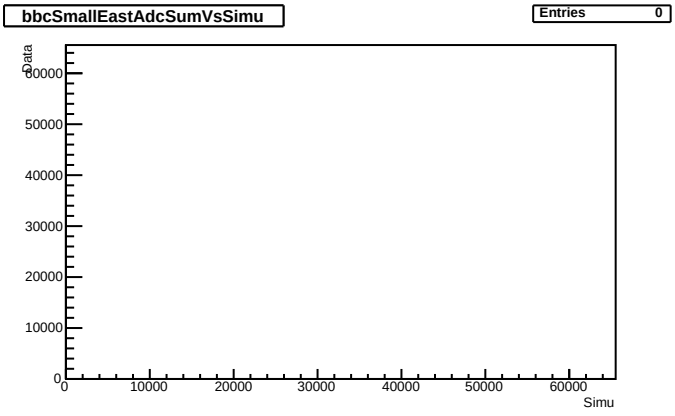

BBQ-VP003 (HI threshold)
Entries 375120
ADC
QT Input Channel

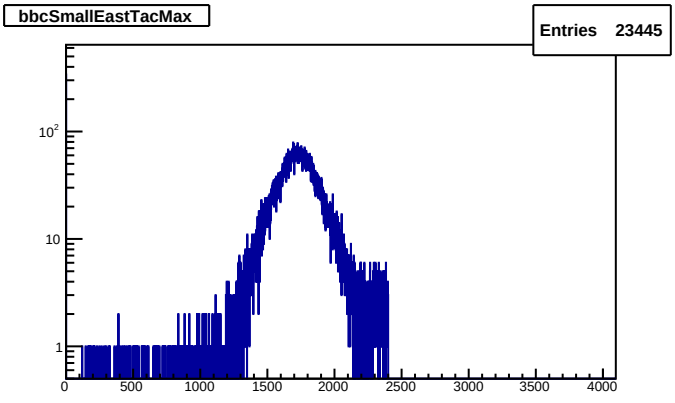

BBQ-VP003 (HI threshold)
Entries 375120
TAC
QT Input Channel

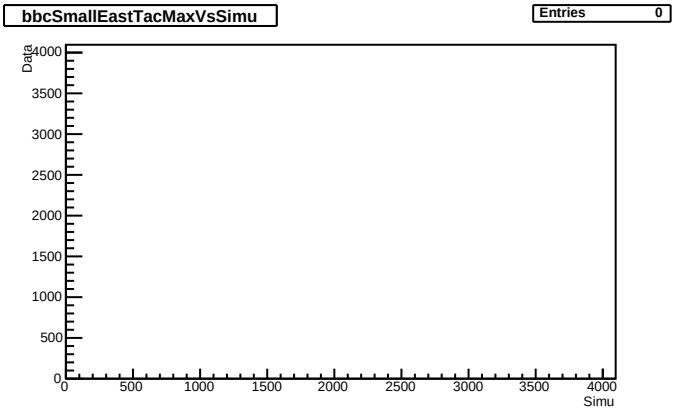

BBQ-VP004 (HI threshold)
Entries 375120
ADC
QT Input Channel

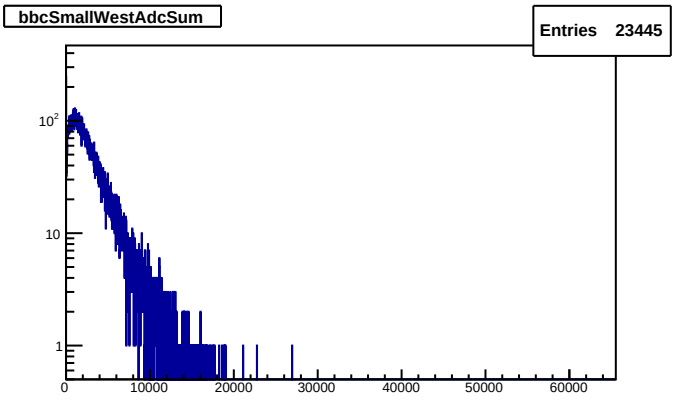

BBQ-VP004 (HI threshold)
Entries 375120
TAC
QT Input Channel

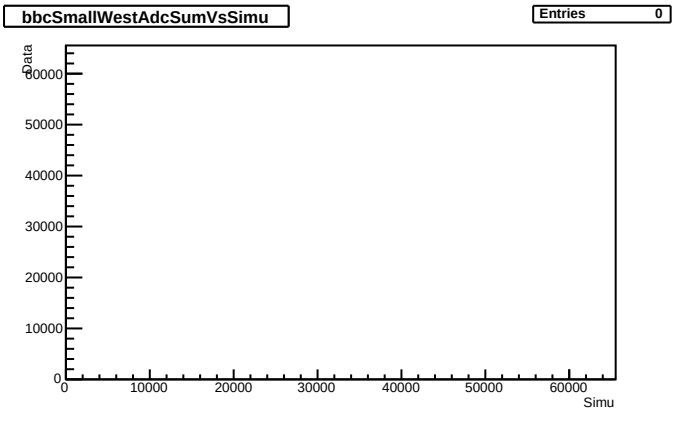

bbcSmallEastAdcSum
Entries 23445

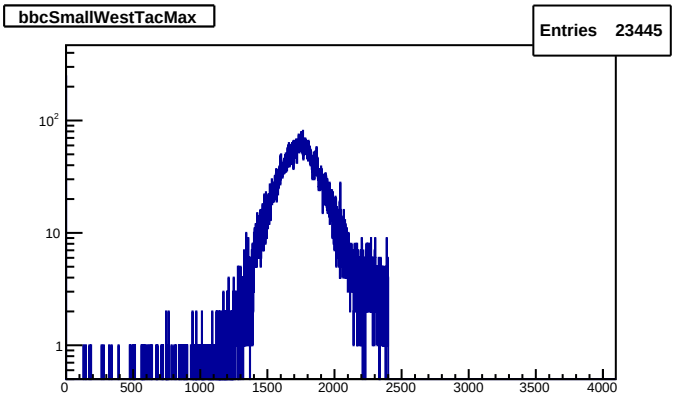

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

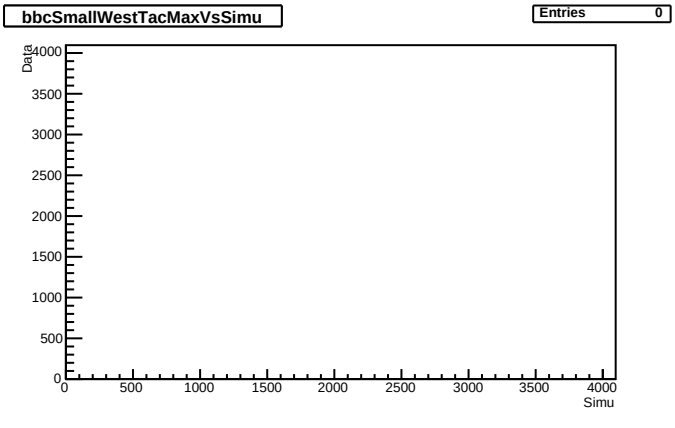

bbcSmallEastTacMax
Entries 23445

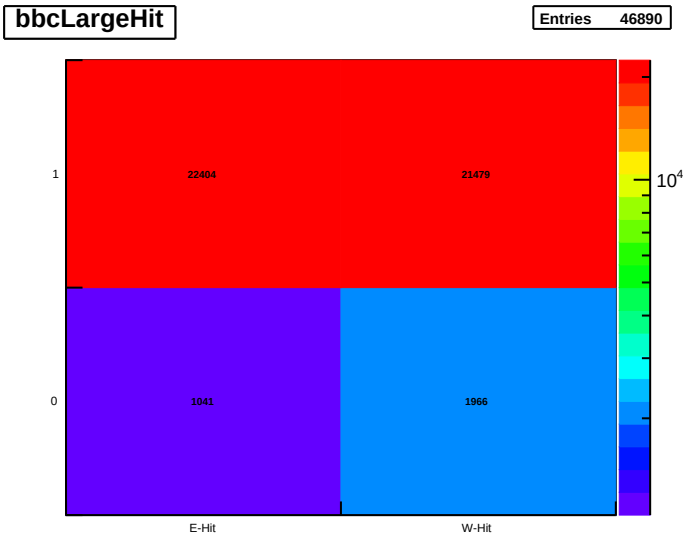

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

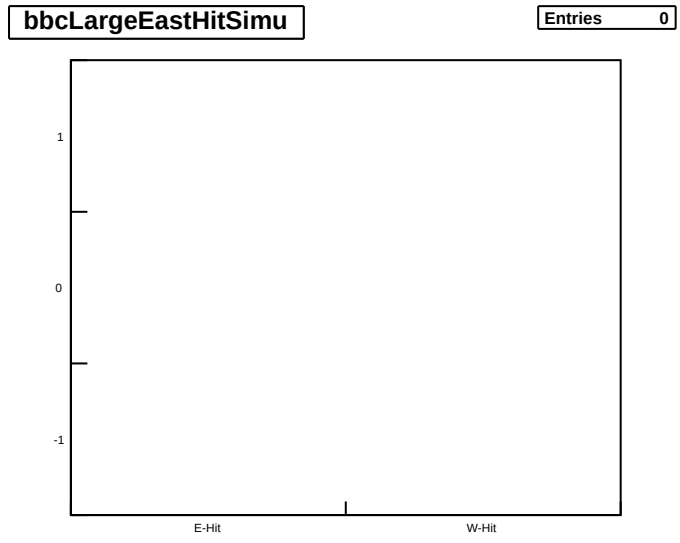

bbcSmallWestAdcSum
Entries 23445

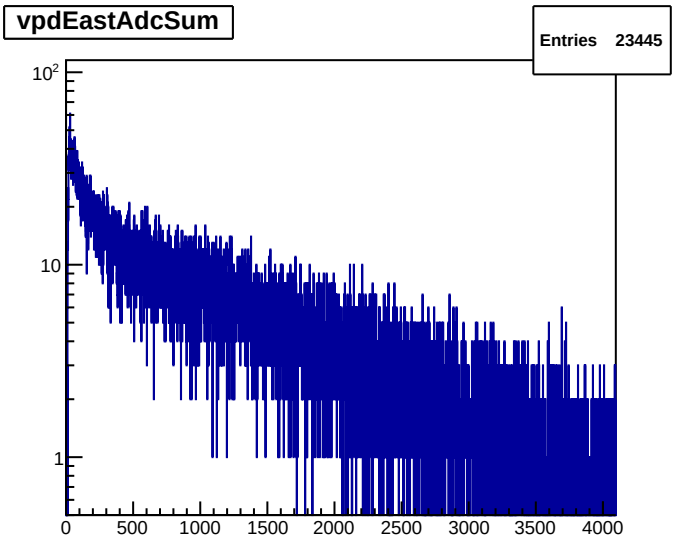

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

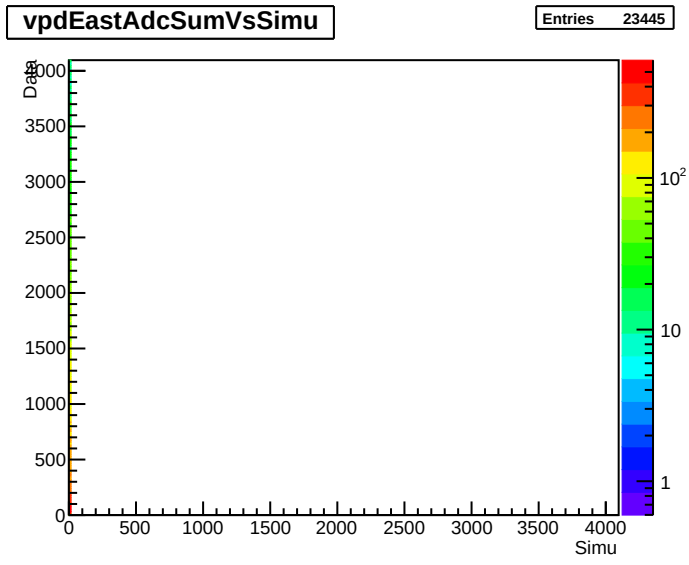

bbcSmallWestTacMax
Entries 23445

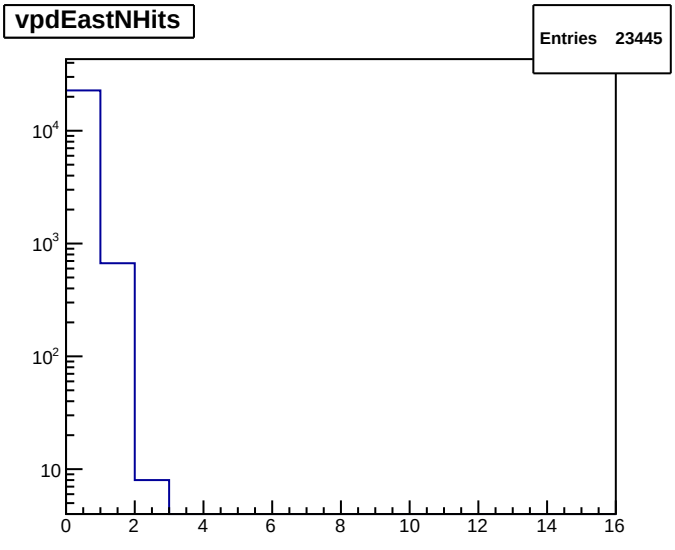

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

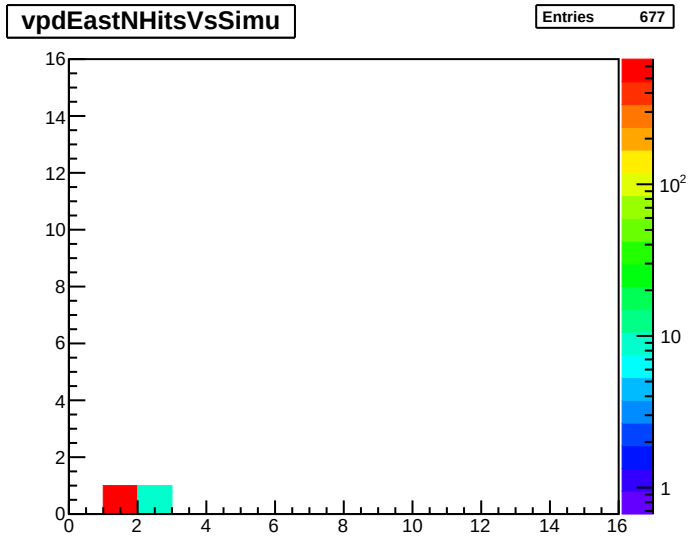

bbcLargeHit
Entries 46890
22404
21479
1041
1966
1
0
E-Hit
W-Hit
10^4

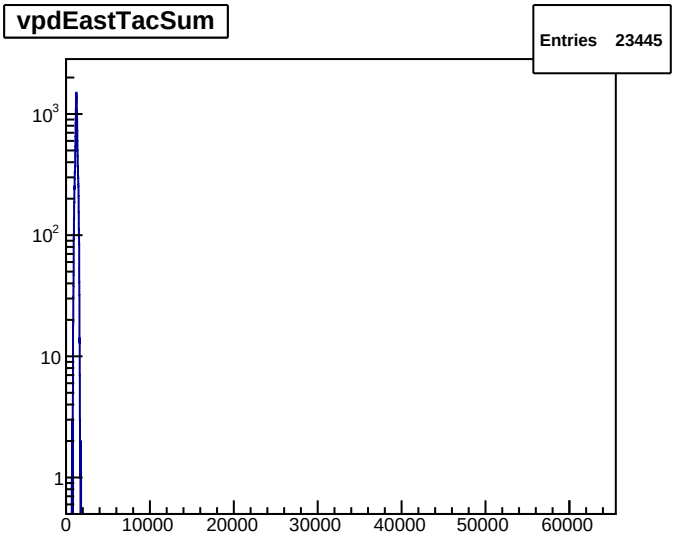

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

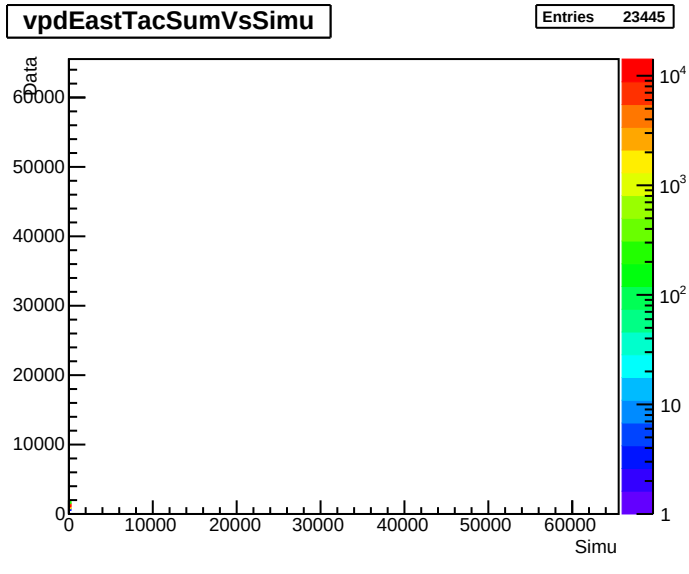

vpdEastAdcSum
Entries 23445

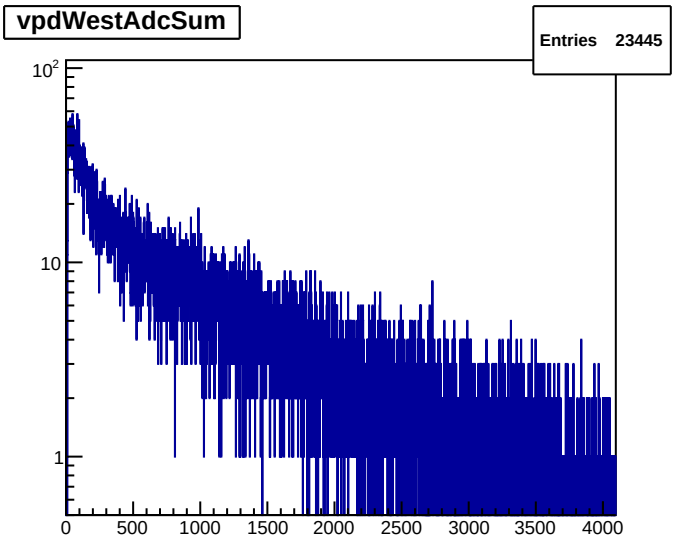

vpdEastAdcSumVsSimu
Entries 23445
Data
Simu

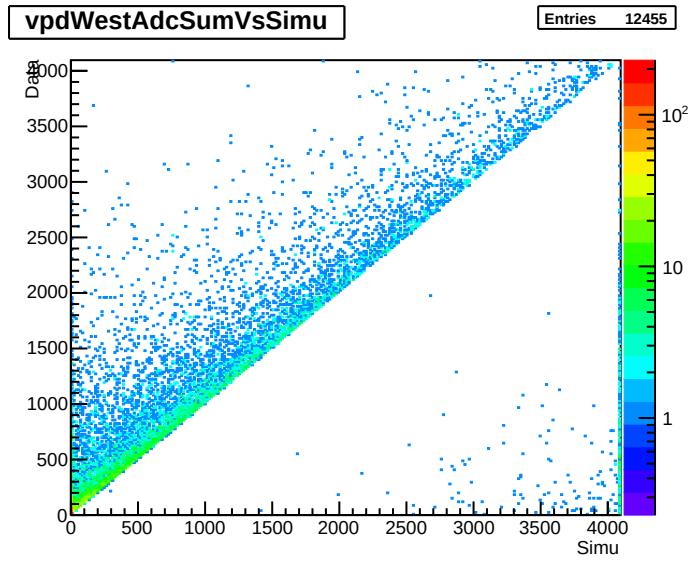

vpdEastNHits
Entries 23445

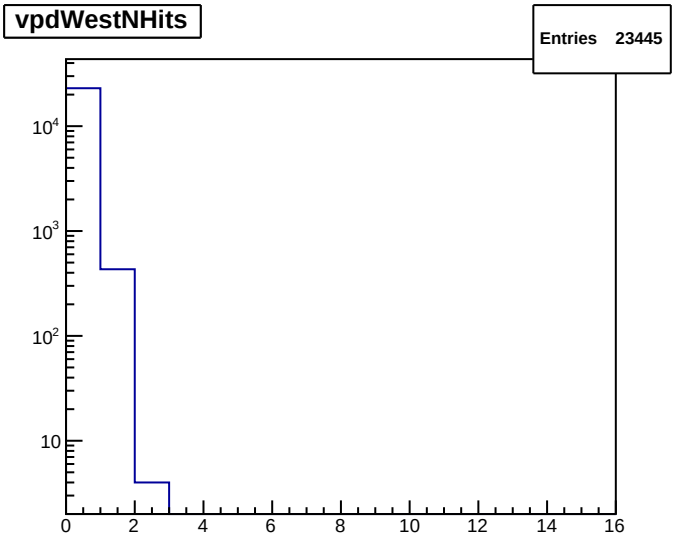

vpdEastNHitsVsSimu
Entries 677

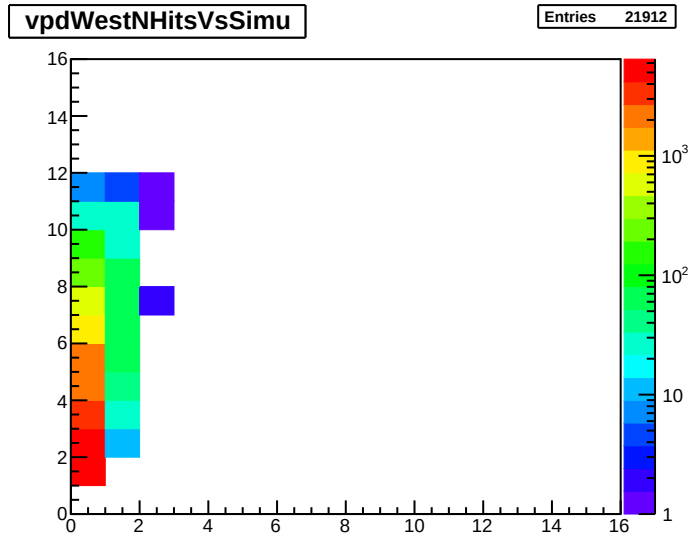

vpdEastTacSum
Entries 23445

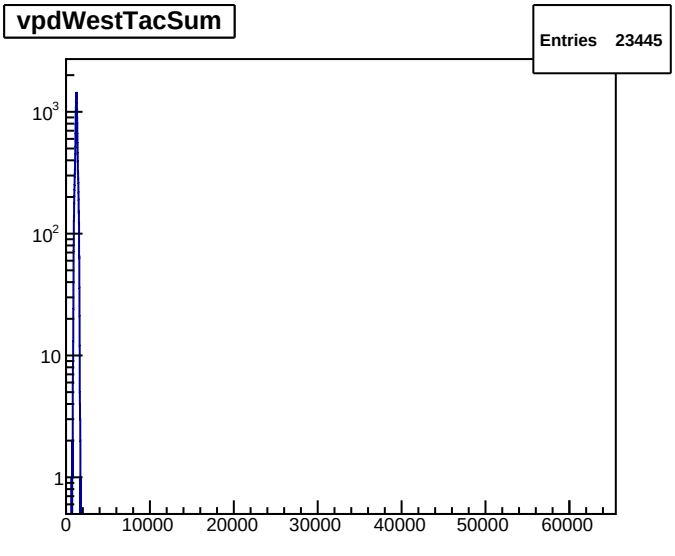

vpdEastTacSumVsSimu
Entries 23445
Data
Simu

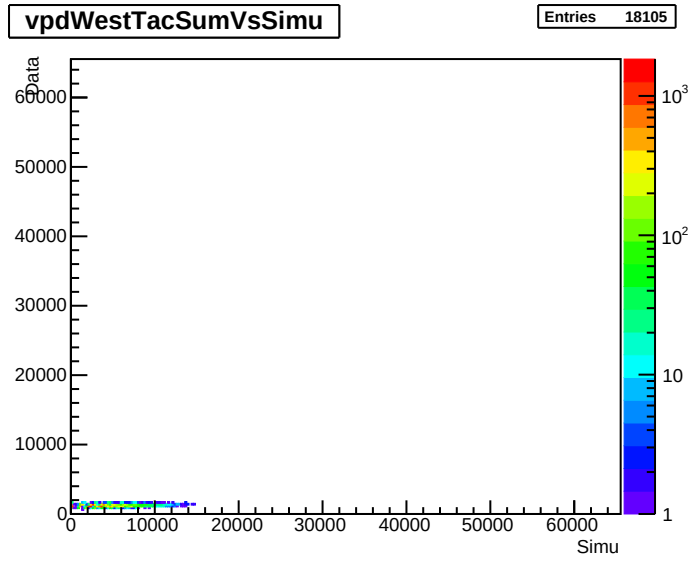

vpdWestAdcSum
Entries 23445

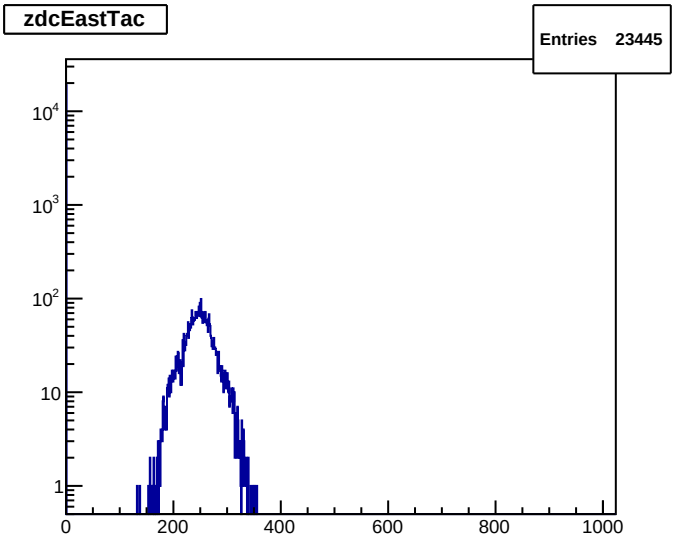

vpdWestAdcSumVsSimu
Entries 12455
Data
Simu

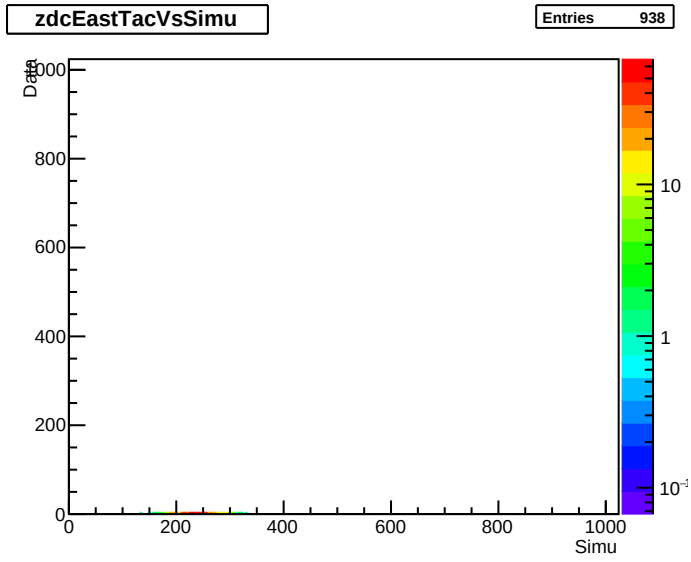

vpdWestNHits
Entries 23445

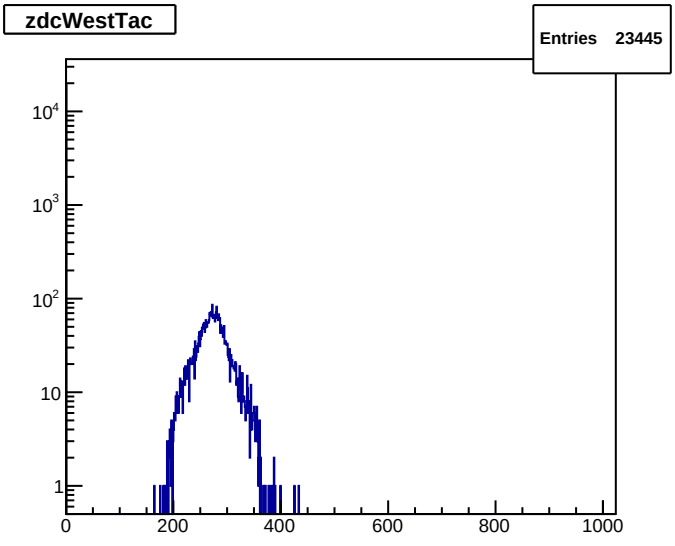

vpdWestNHitsVsSimu
Entries 21912

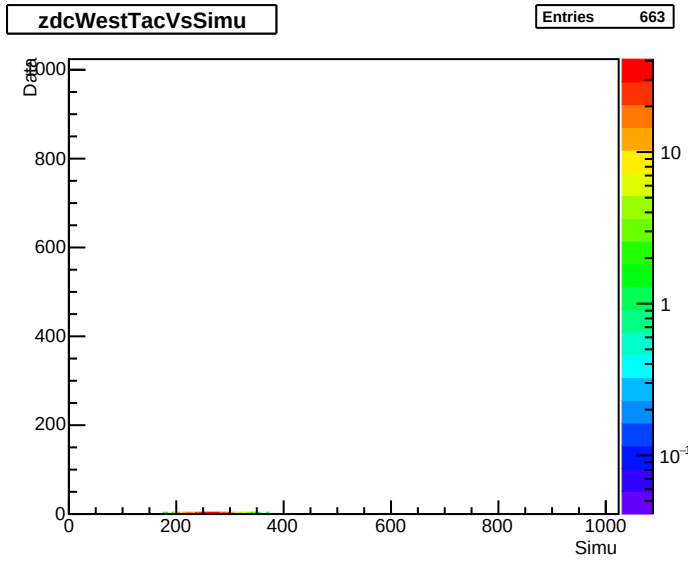

vpdWestTacSum
Entries 23445

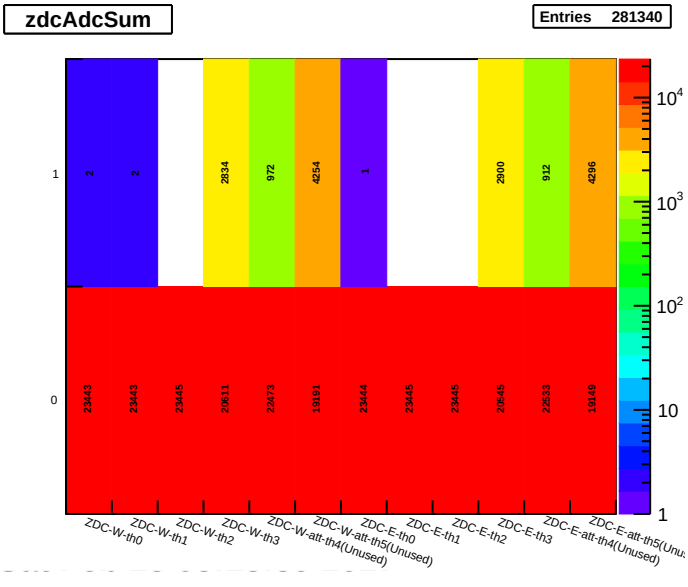

vpdWestTacSumVsSimu
Entries 18105
Data
Simu

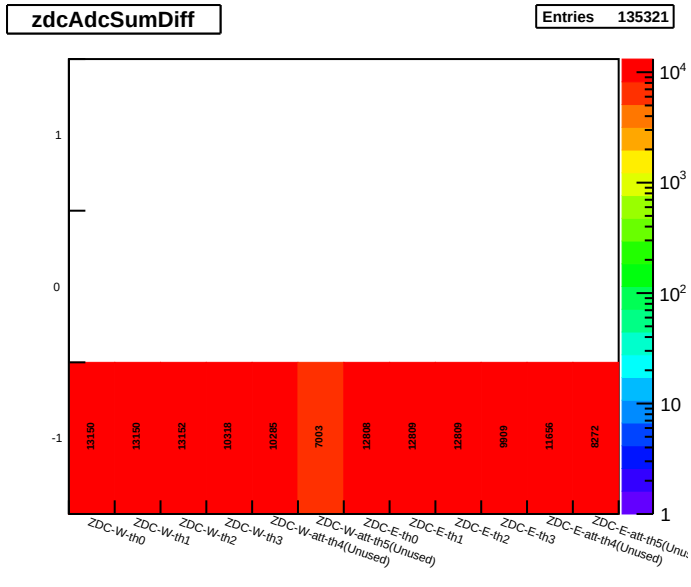

zdcEastTac
Entries 23445

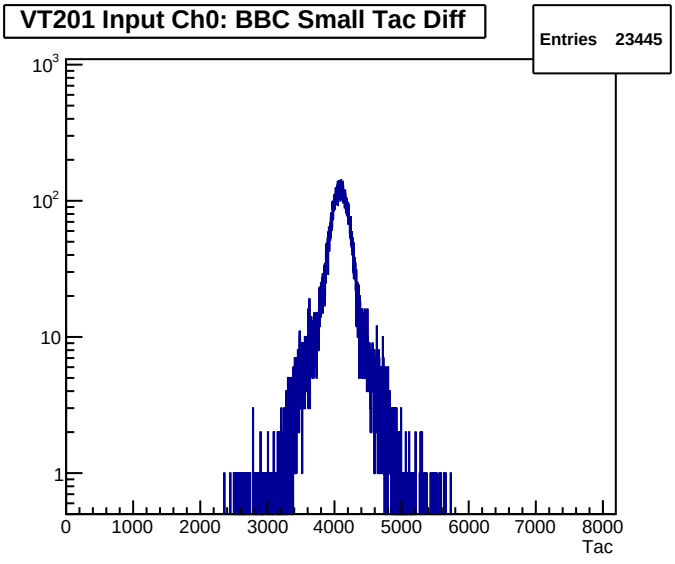

zdcEastTacVsSimu
Entries 938
Data
Simu

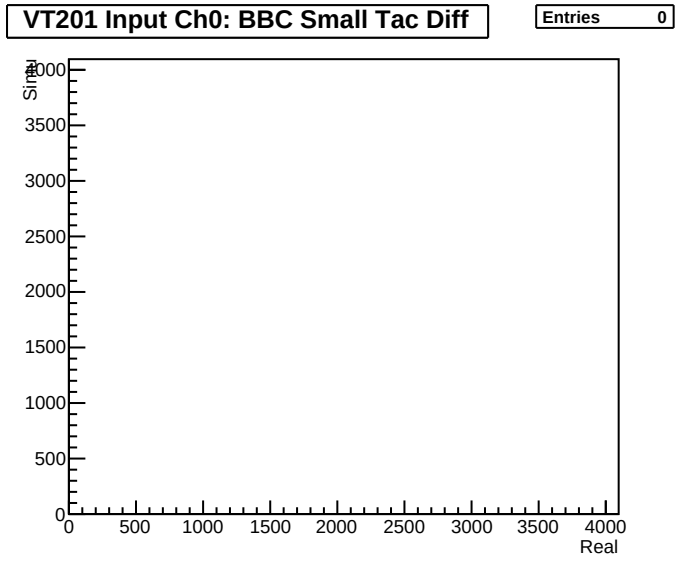

zdcWestTac
Entries 23445

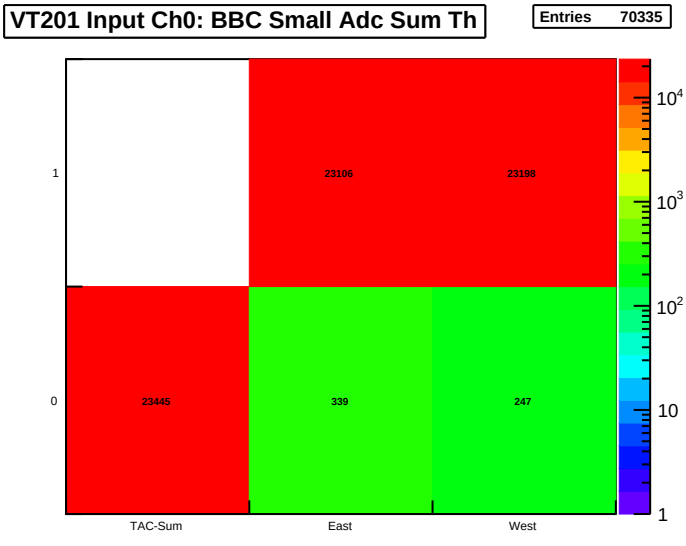

zdcWestTacVsSimu
Entries 663
Data
Simu

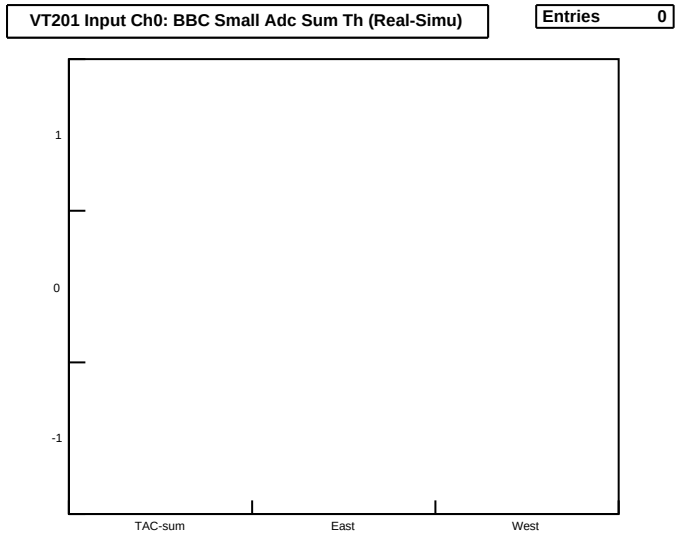

zdcAdcSum
Entries 281340
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

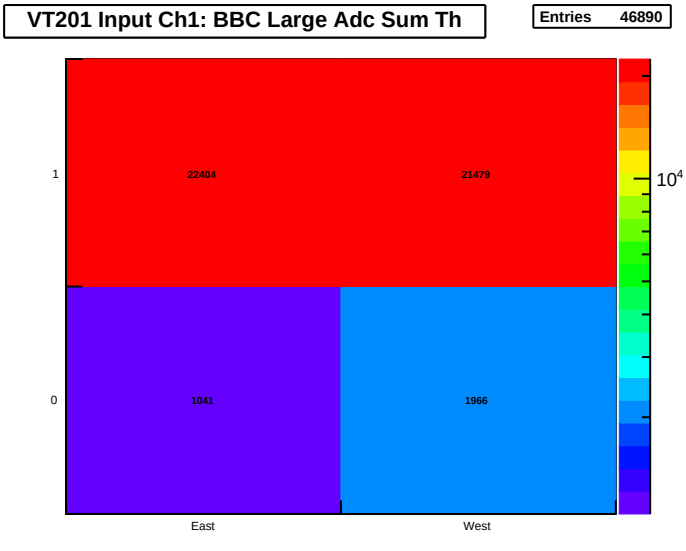

zdcAdcSumDiff
Entries 135321
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

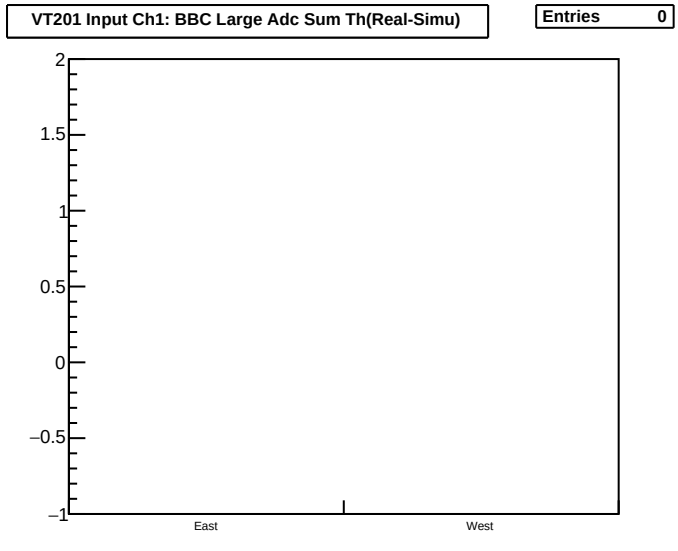

VT201 Input Ch0: BBC Small Tac Diff
Entries 23445
Tac


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

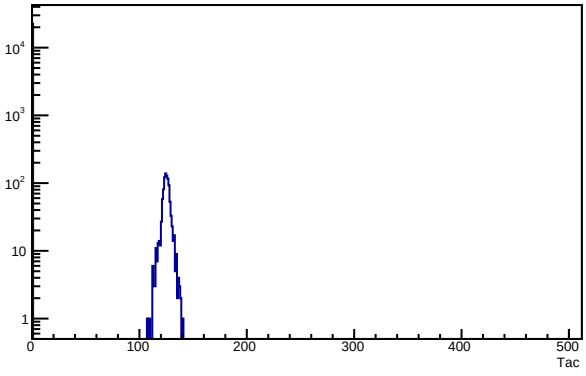

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 70335
23106
23198
23445
339
247
TAC-Sum
East
West


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

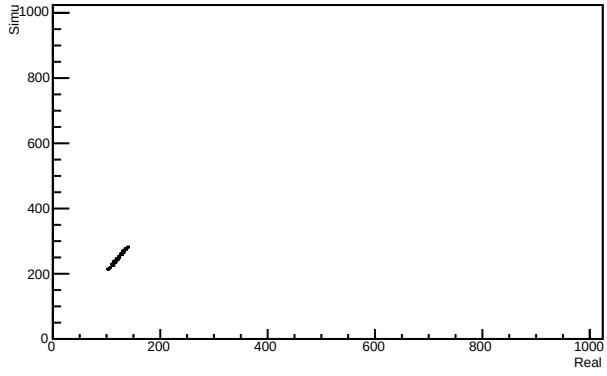

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 46890
22404
21479
1041
1966
East
West


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

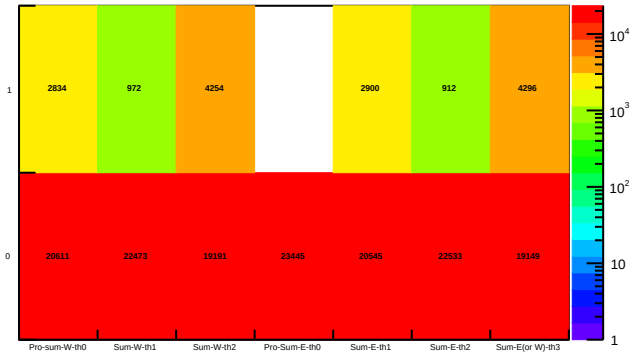
VT201 Input Ch2: ZDC Tac Diff



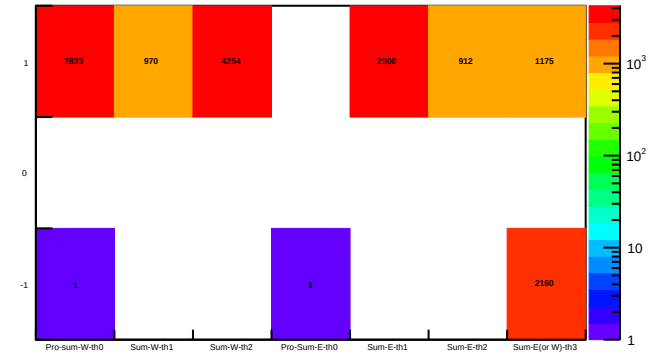
VT201 Input Ch2: ZDC Tac Diff



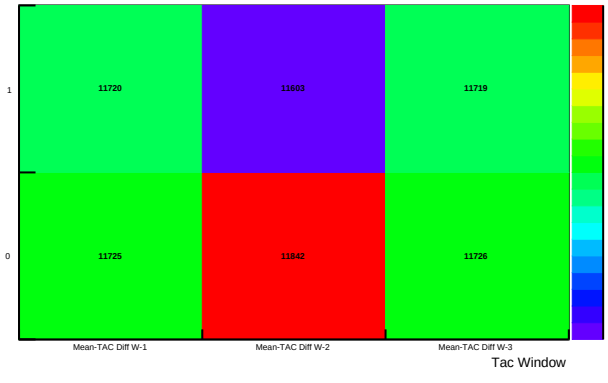
VT201 Input Ch2: ZDC Adc Sum Th



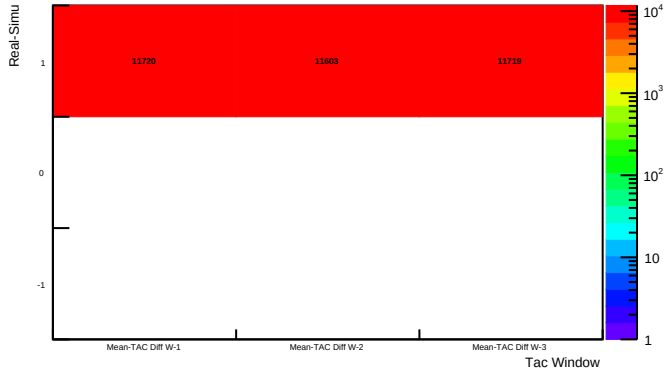
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



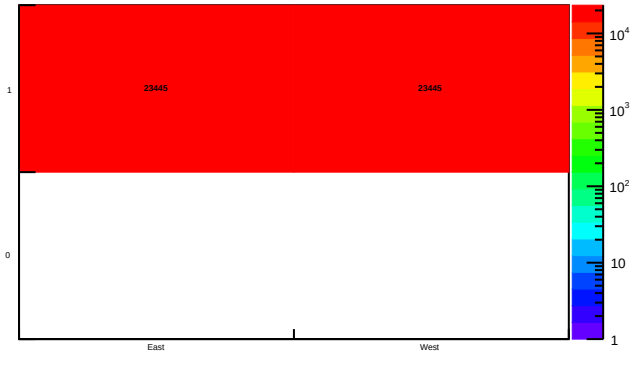
VT201 Input Ch4: VPD Tac Diff



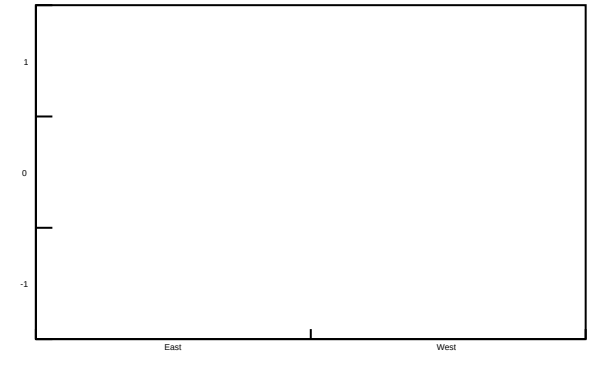
VT201 Input Ch4: VPD Tac Diff

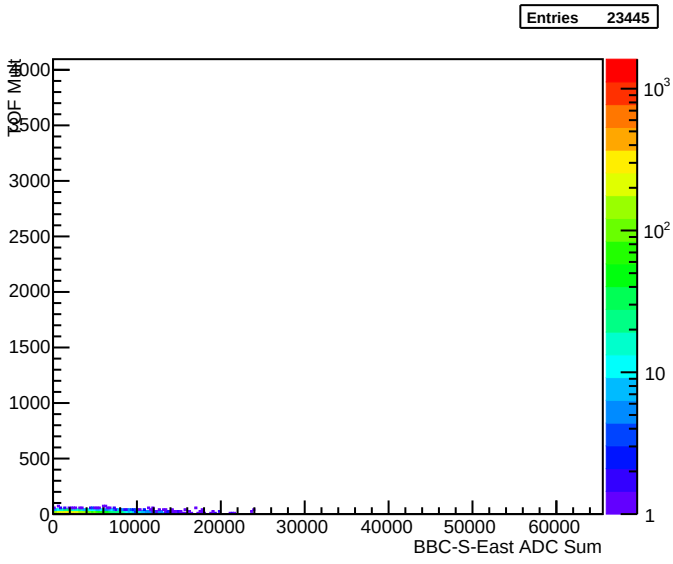


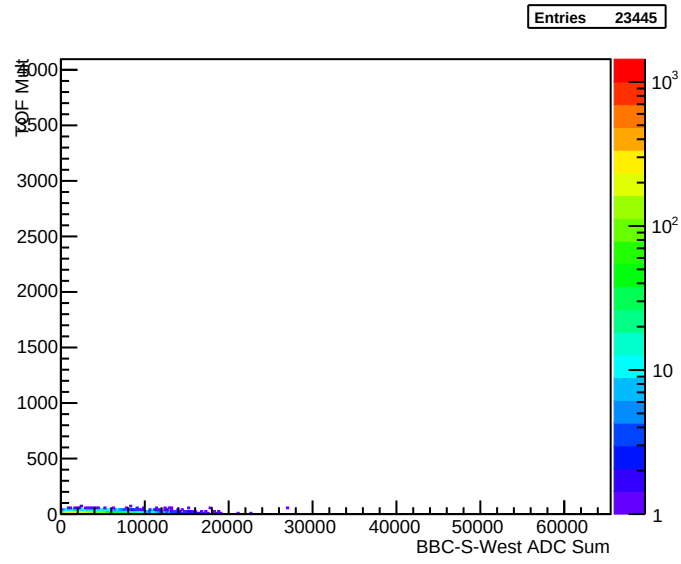
VT201 Input Ch4: VPD Adc Sum Th

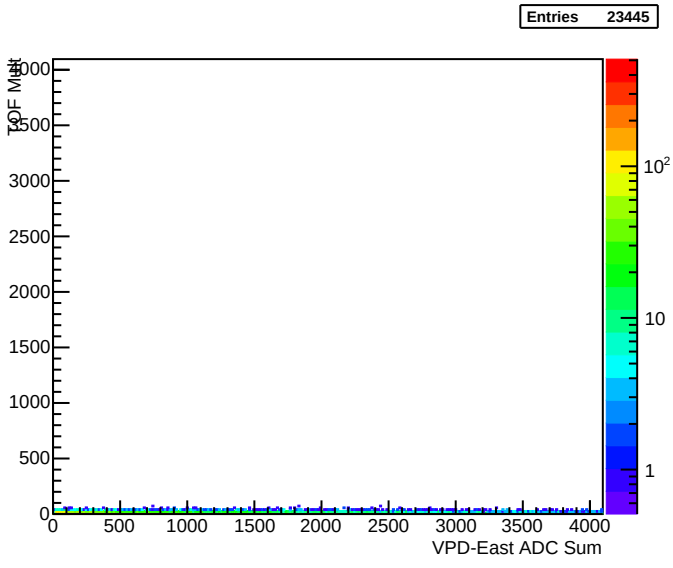


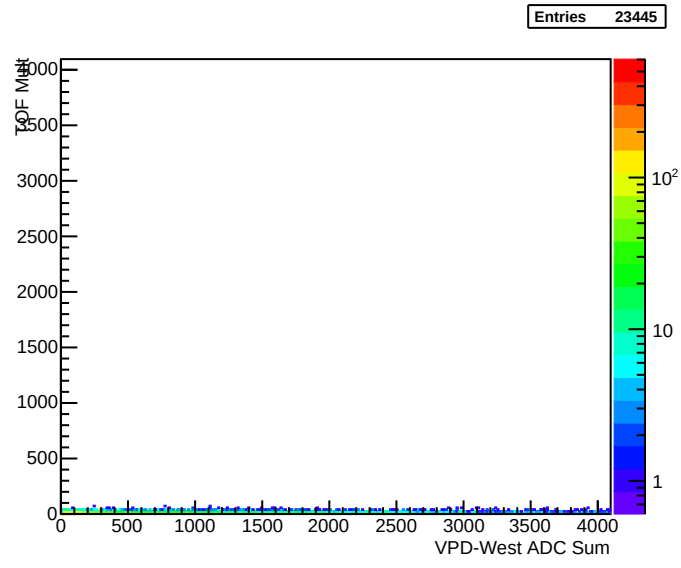
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

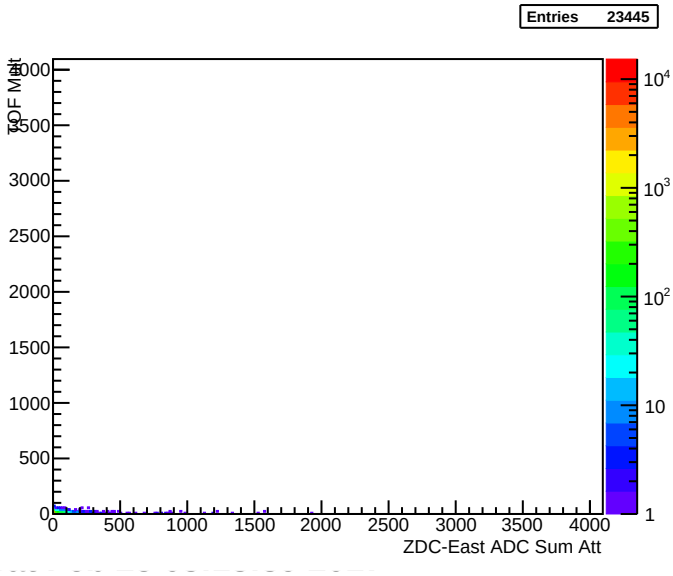


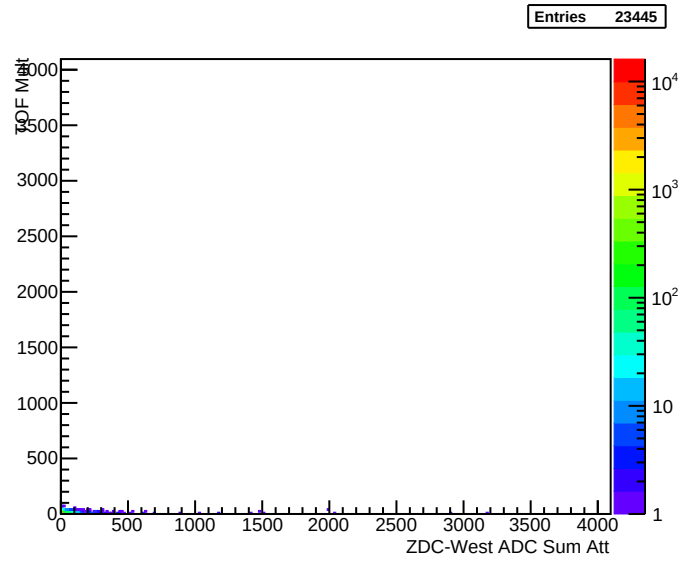

Entries 23445
TOF Mult
BBC-S-East ADC Sum

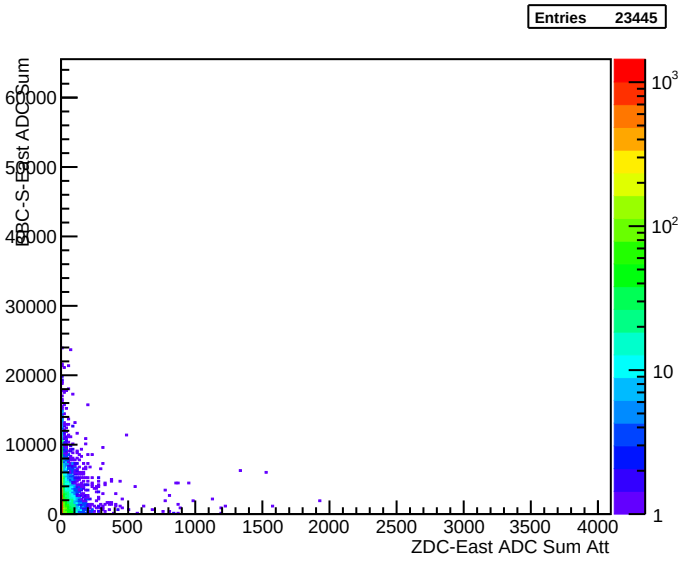

Entries 23445
TOF Mult
BBC-S-West ADC Sum

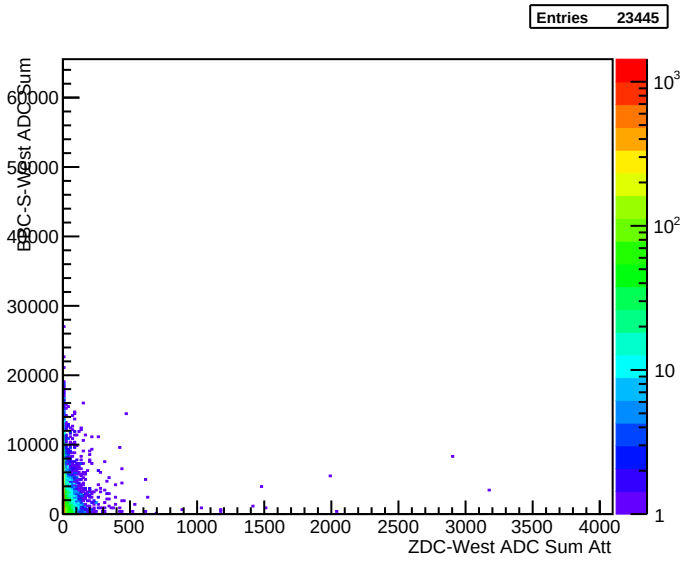

Entries 23445
TOF Mult
VPD-East ADC Sum

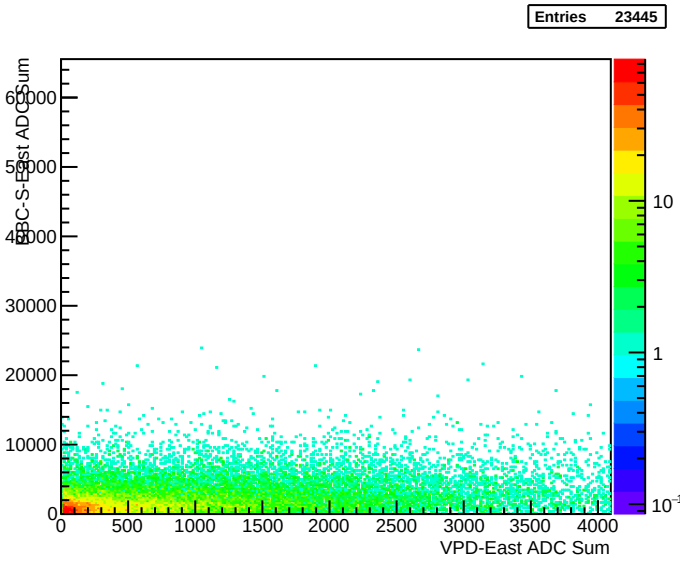

Entries 23445
TOF Mult
VPD-West ADC Sum

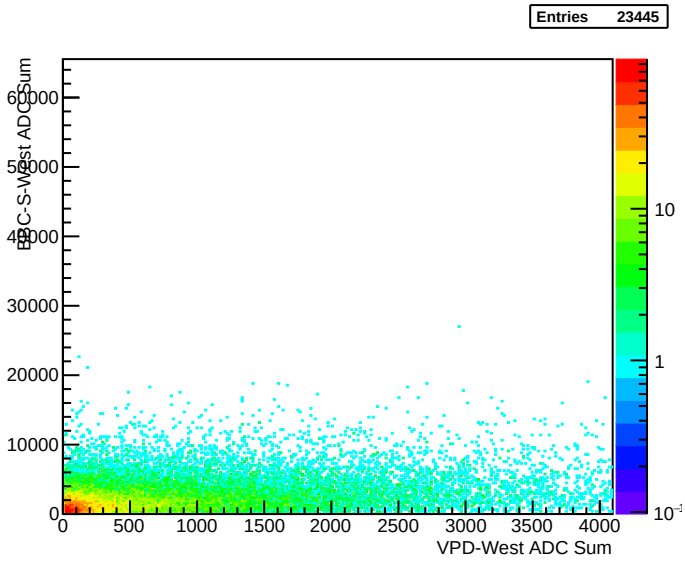

Entries 23445
TOF Mult
ZDC-East ADC Sum Att

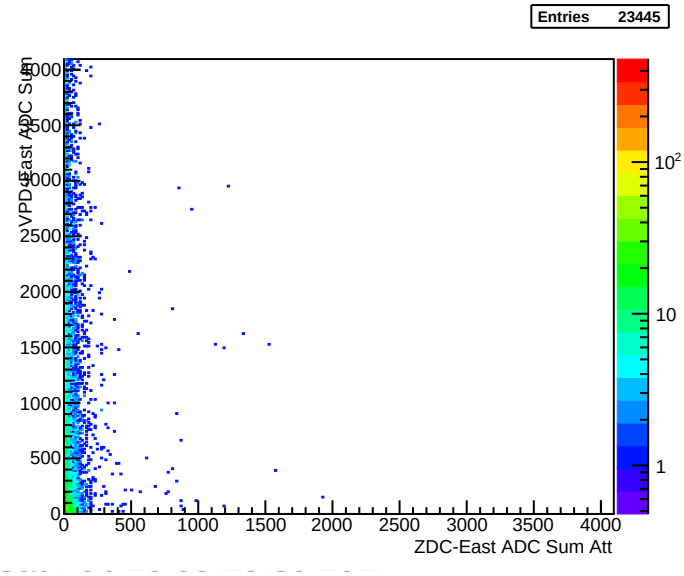

Entries 23445
TOF Mult
ZDC-West ADC Sum Att

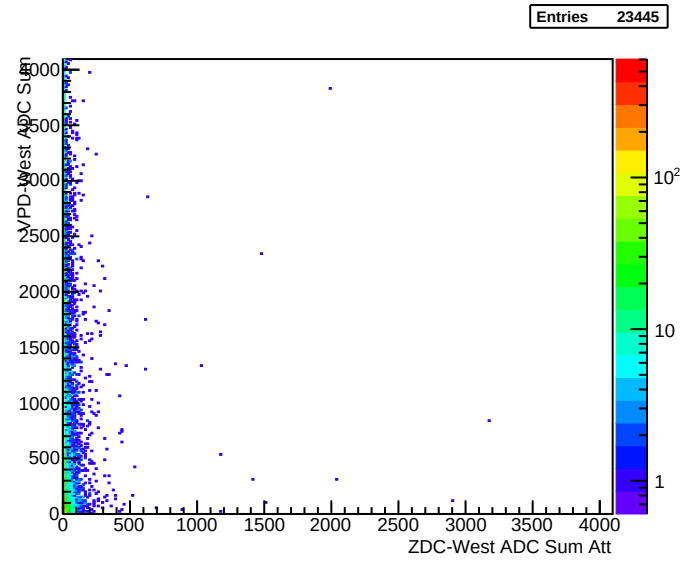

Entries 23445
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

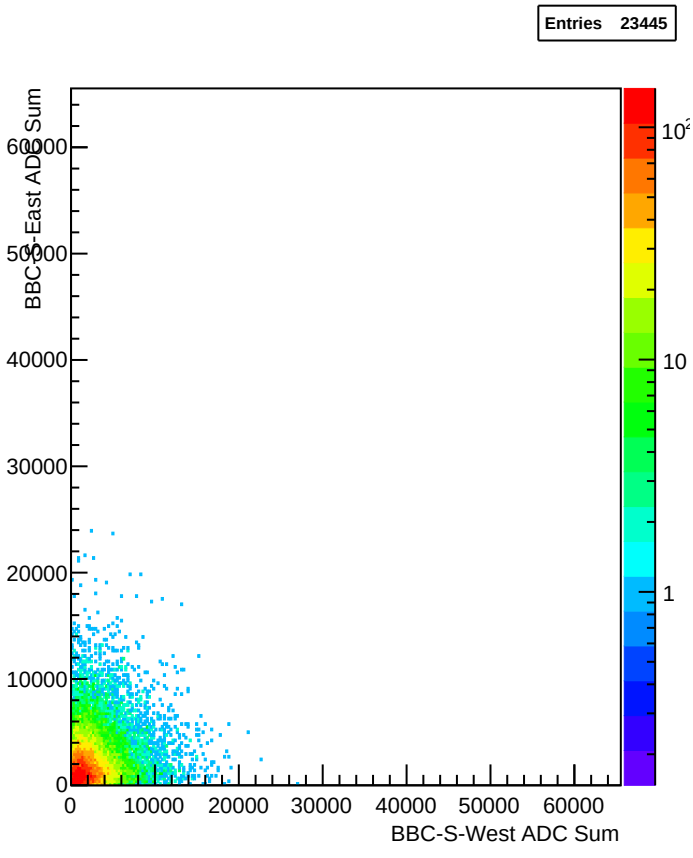

Entries 23445
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

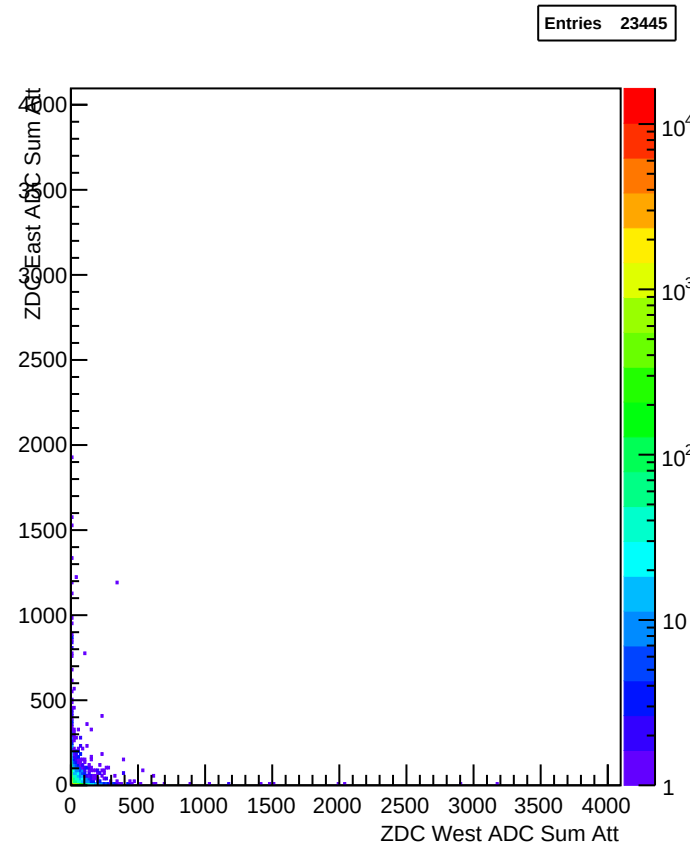

Entries 23445
BBC-S-East ADC Sum
VPD-East ADC Sum

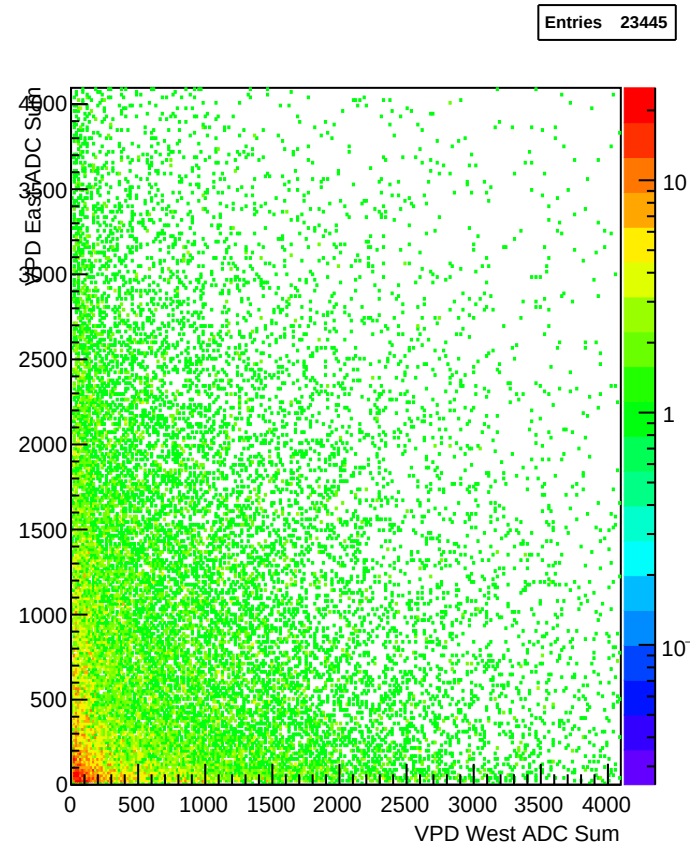

Entries 23445
BBC-S-West ADC Sum
VPD-West ADC Sum

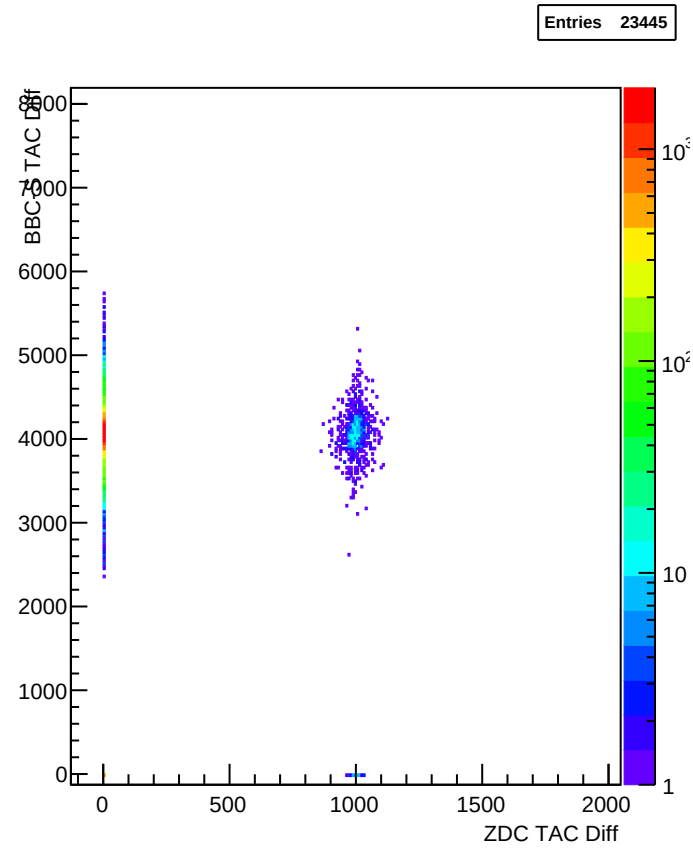

Entries 23445
VPD-East ADC Sum
ZDC-East ADC Sum Att

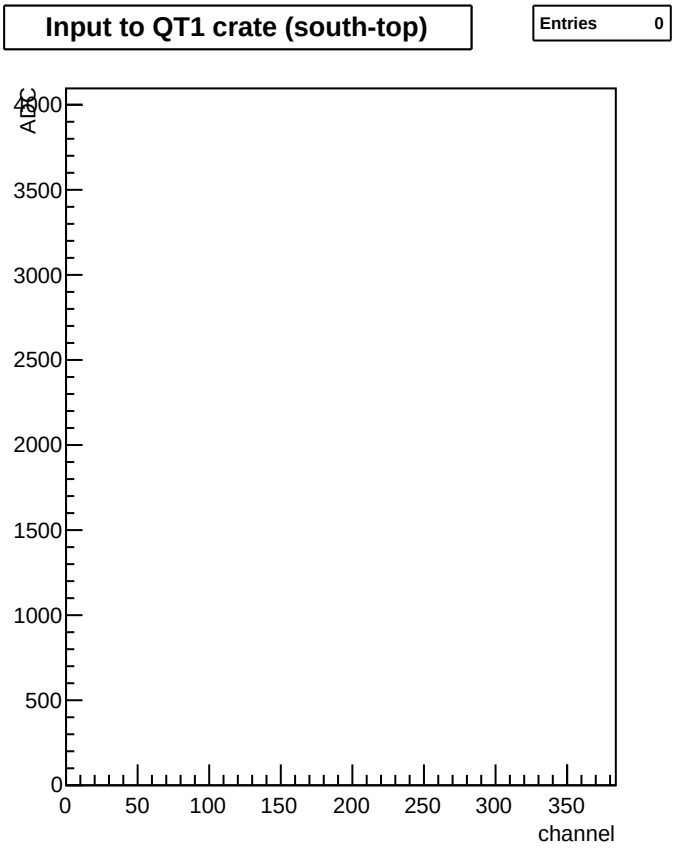

Entries 23445
VPD-West ADC Sum
ZDC-West ADC Sum Att

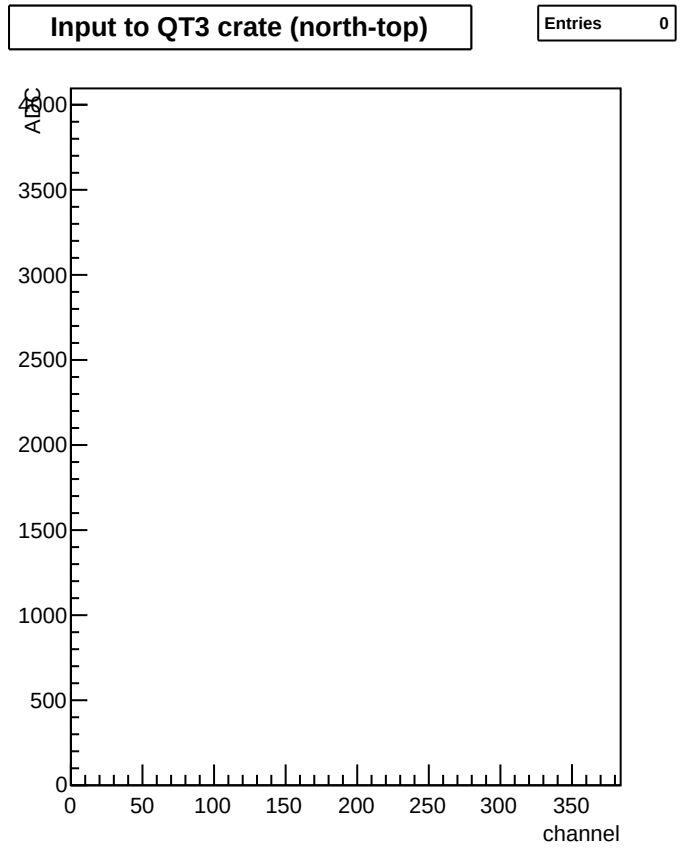

Entries 23445
BBC-S-East ADC Sum
BBC-S-West ADC Sum

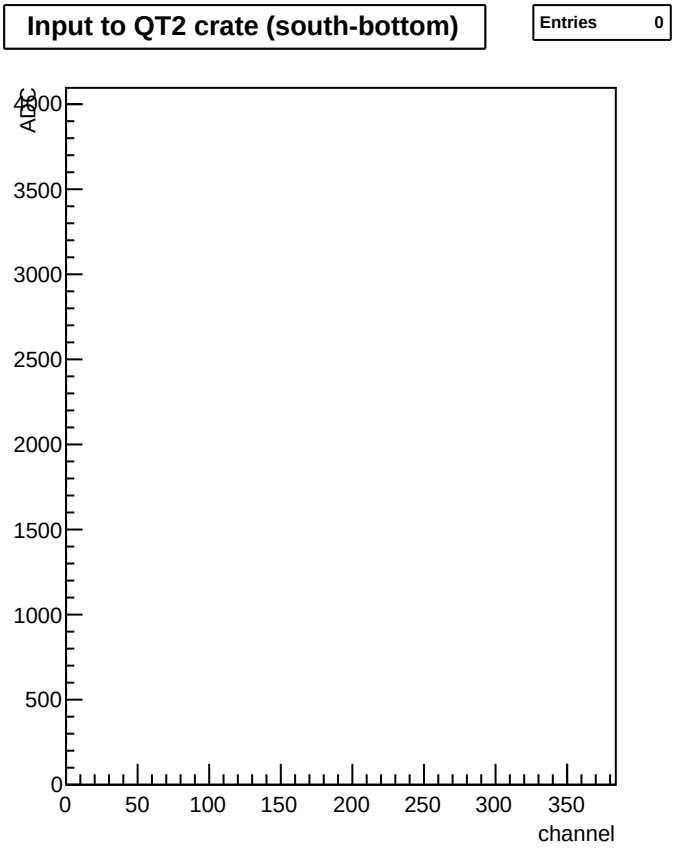

Entries 23445
ZDC East ADC Sum Att
ZDC West ADC Sum Att

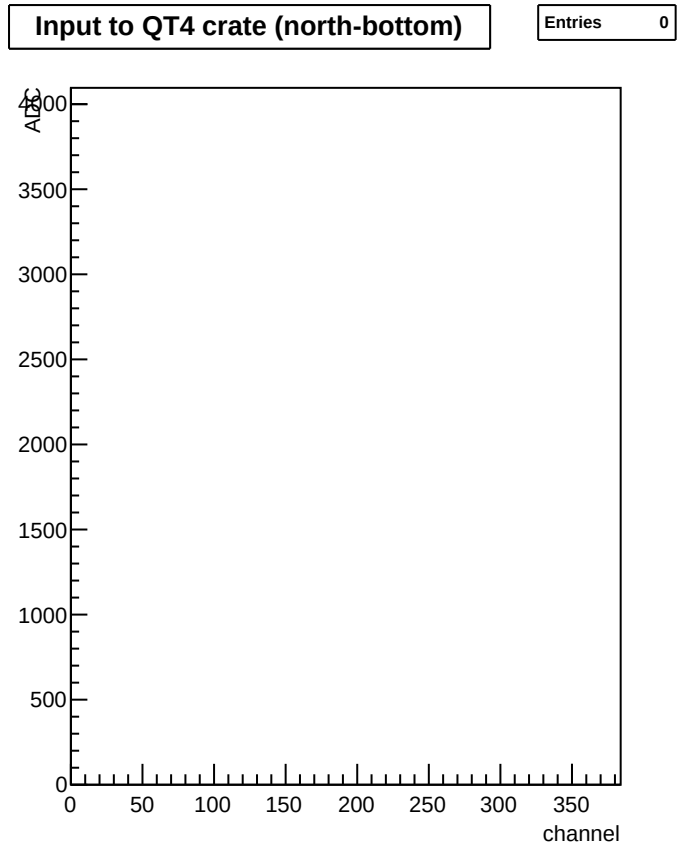

Entries 23445
VPD East ADC Sum
VPD West ADC Sum

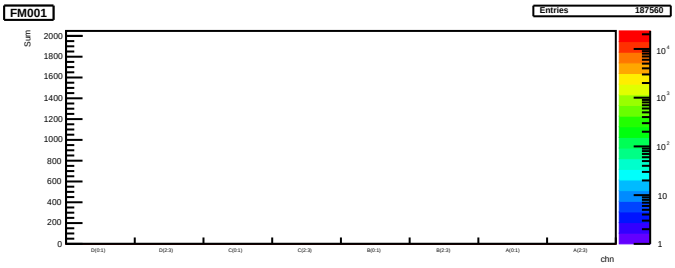

Entries 23445
BBC-S TAC Diff
ZDC TAC Diff

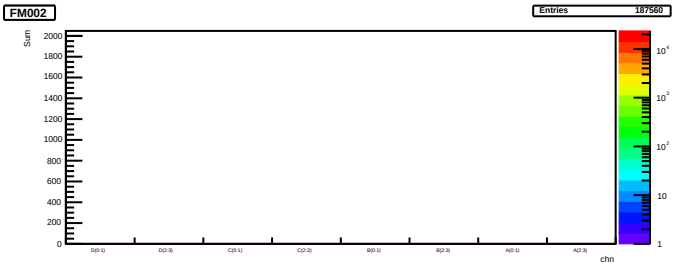

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

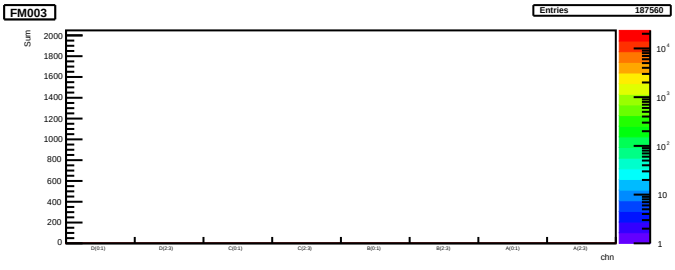

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

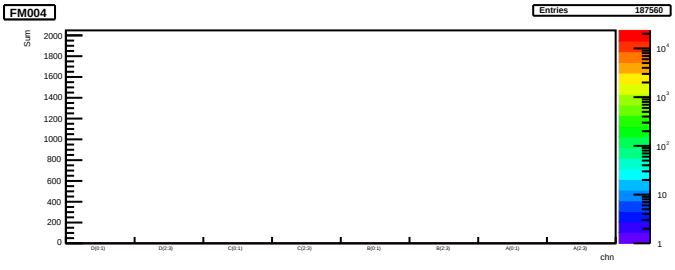

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

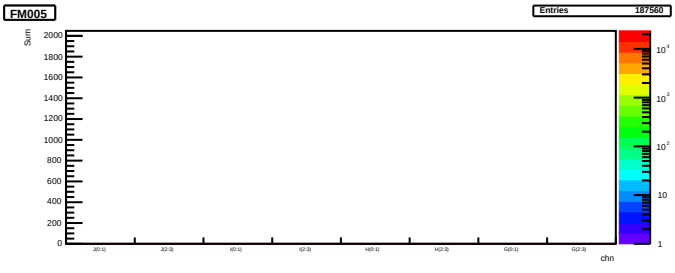

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

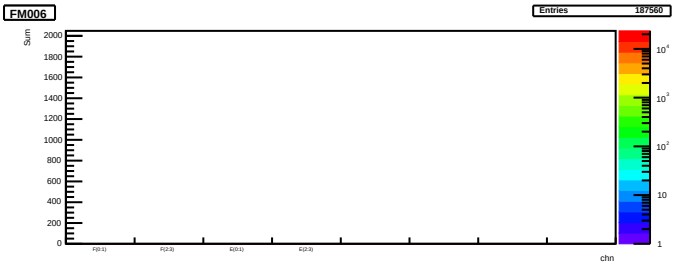

FM001
Entries 187560
Sum
chn

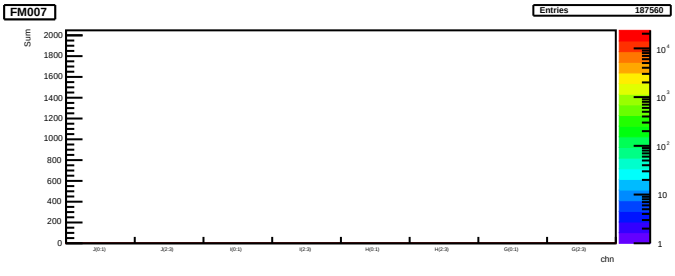

FM002
Entries 187560
Sum
chn

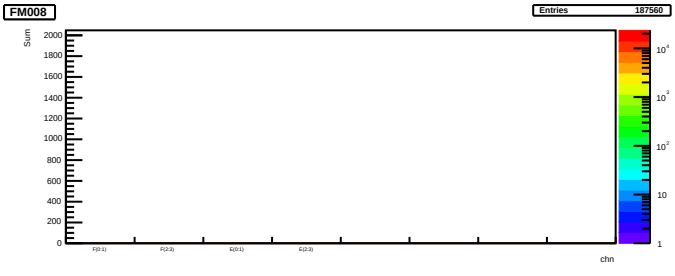

FM003
Entries 187560
Sum
chn

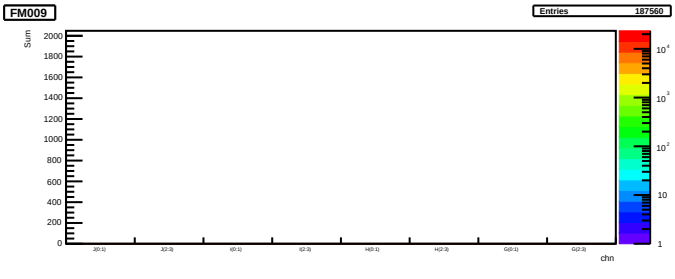

FM004
Entries 187560
Sum
chn

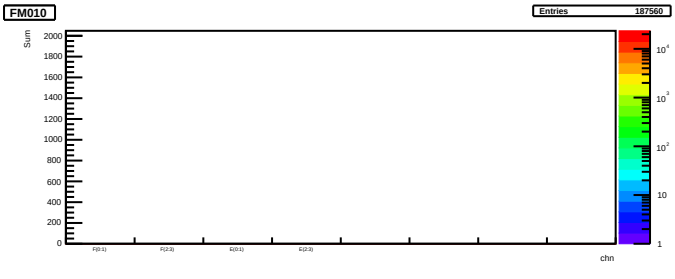

FM005
Entries 187560
Sum
chn

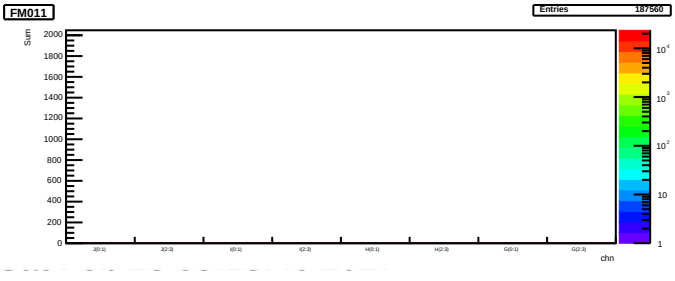

FM006
Entries 187560
Sum
chn

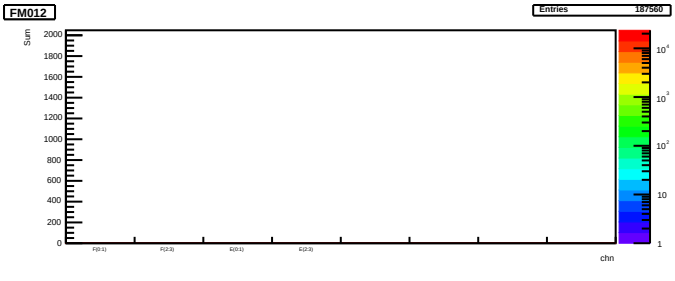

FM007
Entries 187560
Sum
chn

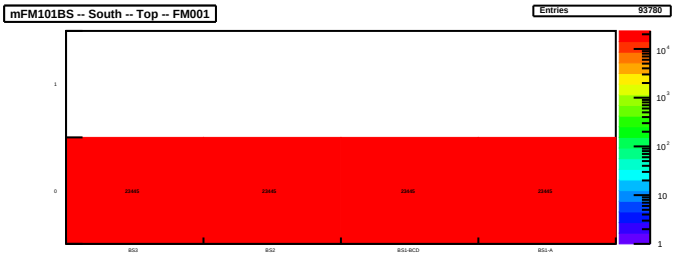

FM008
Entries 187560
Sum
chn

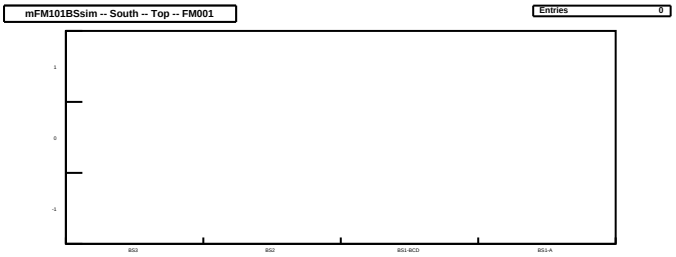

FM009
Entries 187560
Sum
chn

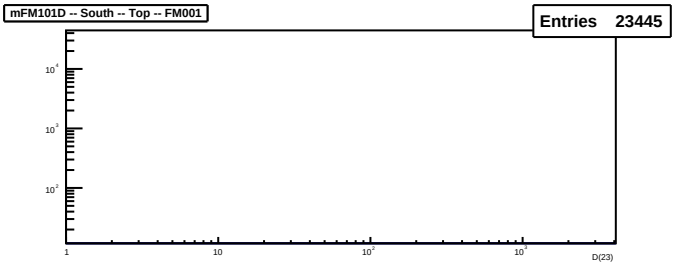

FM010
Entries 187560
Sum
chn

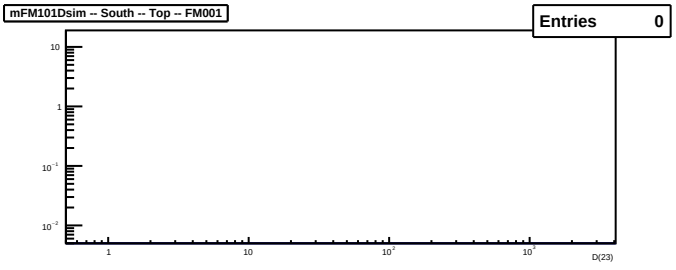

FM011
Entries 187560
Sum
chn

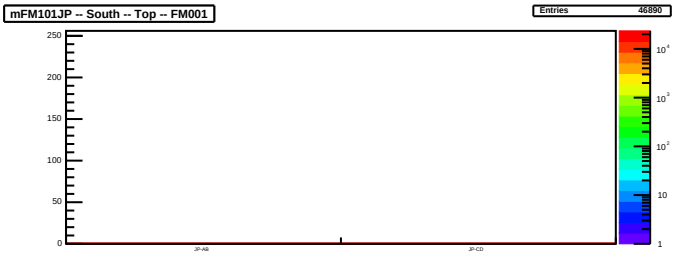

FM012
Entries 187560
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1-BCD
BS1-A

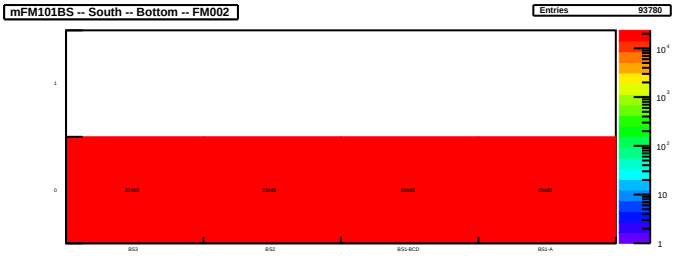

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

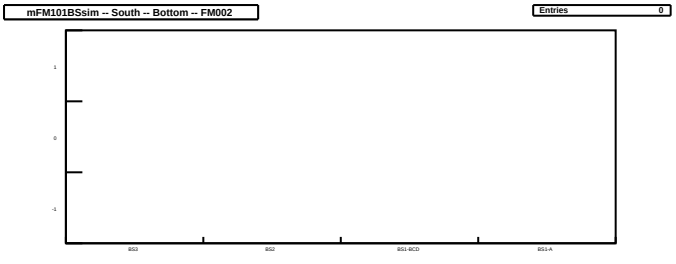

mFM101D -- South -- Top -- FM001
Entries 23445
D(23)

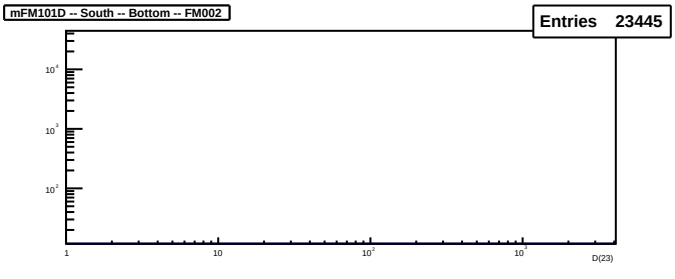

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

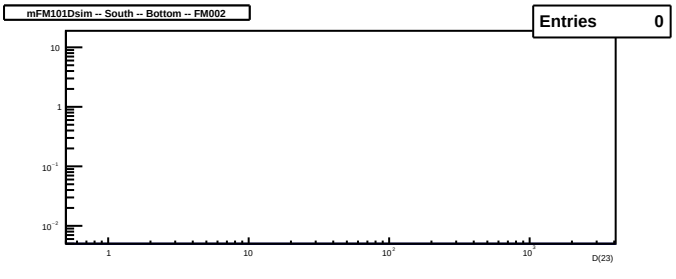

mFM101JP -- South -- Top -- FM001
Entries 46890
JP-AB
JP-CD

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

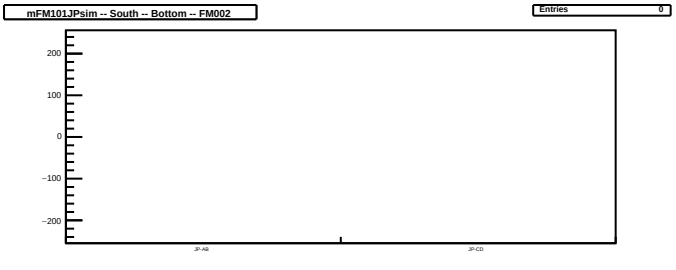

mFM101BS -- South -- Bottom -- FM002
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1-BCD
BS1-A

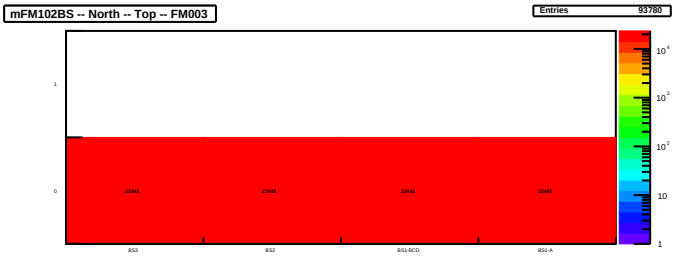

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 23445
D(23)

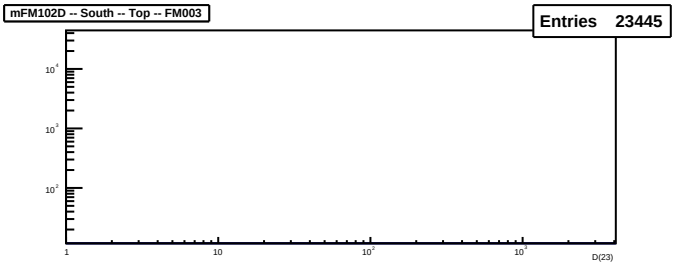

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

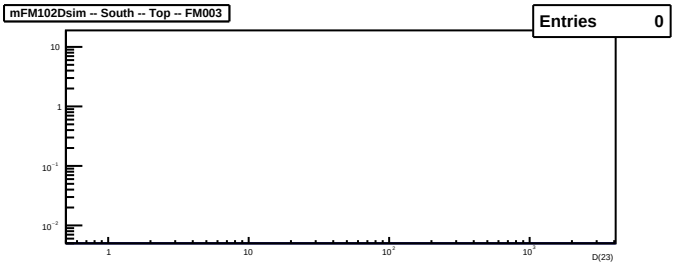
mFM101JP -- South -- Bottom -- FM002
Entries 46890
JP-AB
JP-CD


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


mFM102BS -- North -- Top -- FM003
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 23445
D(23)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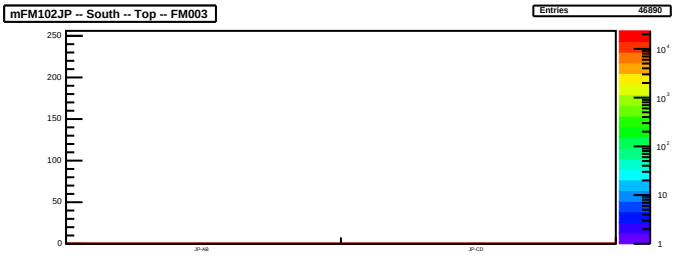
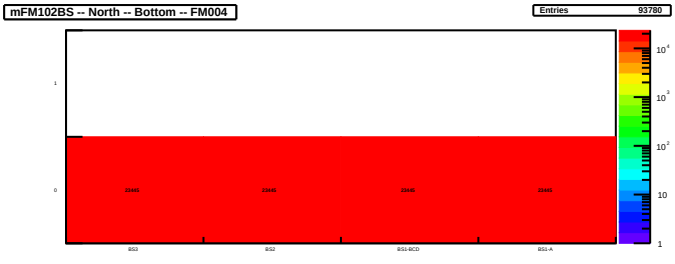
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 46890
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 93780
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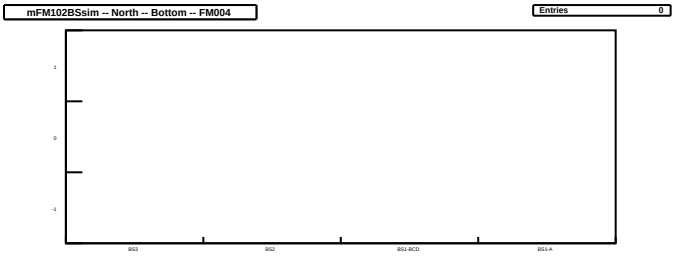
23445
23445
23445
BS3
BS2
BS1-BCD
BS1-A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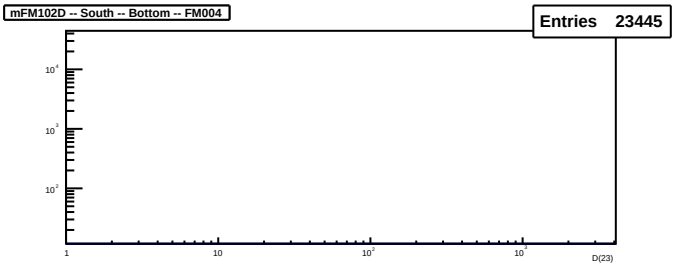
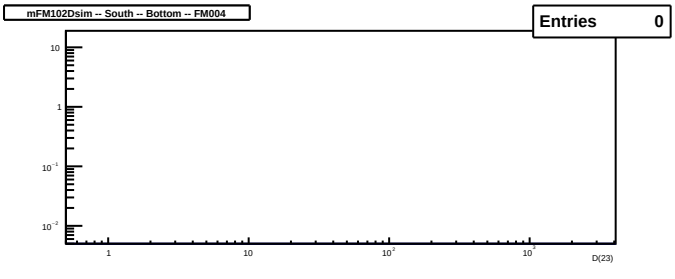
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 23445
D(23)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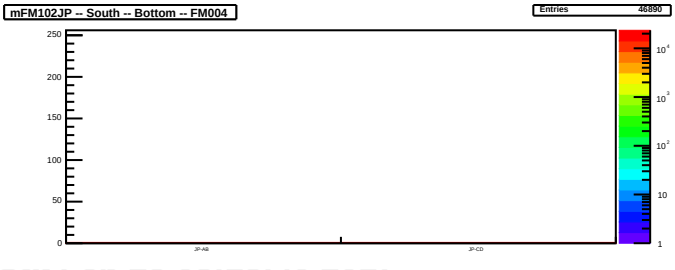
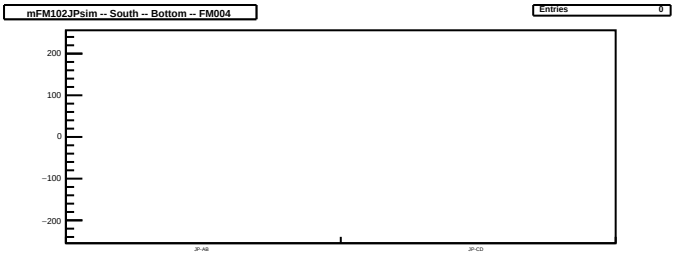
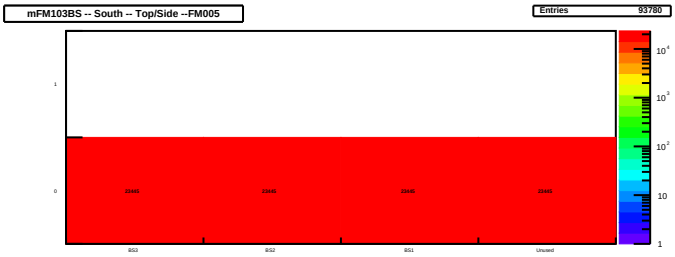
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 46890
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 93780
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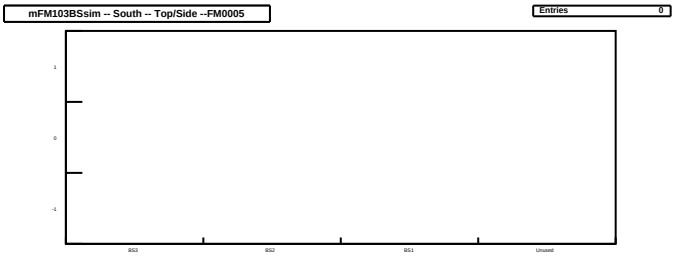
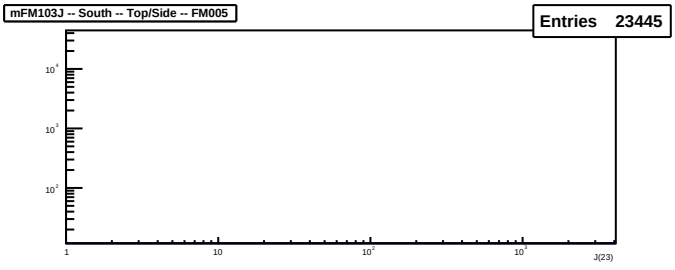
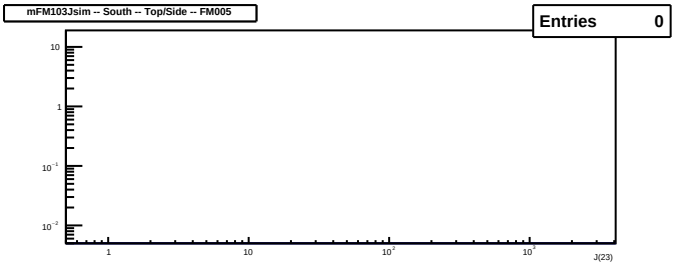
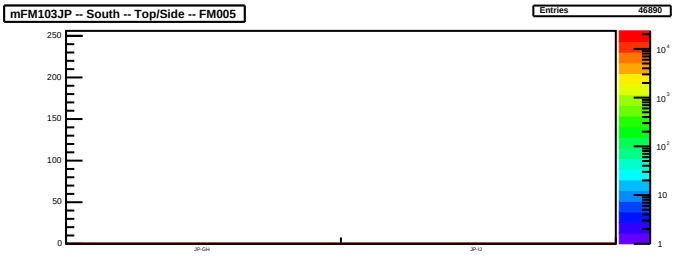
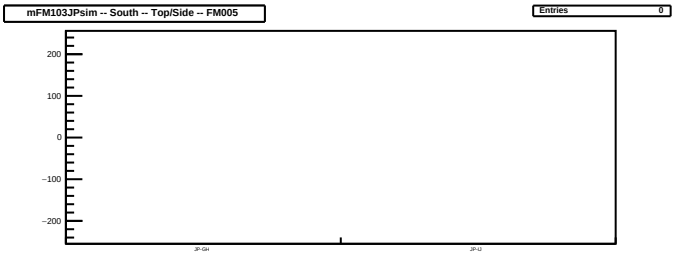
23445
23445
23445
BS3
BS2
BS1
Unused

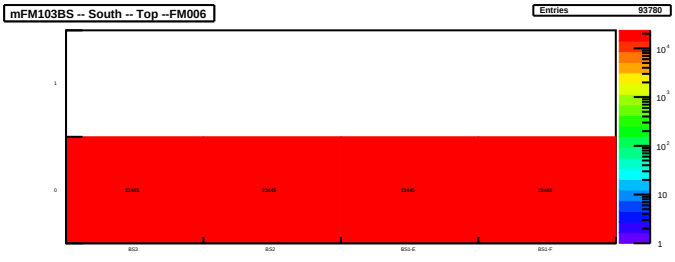

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

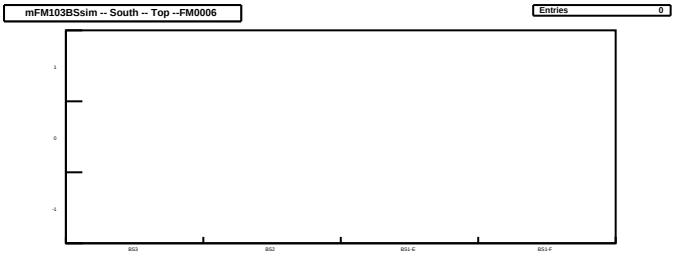

mFM103J -- South -- Top/Side -- FM005
Entries 23445
J(23)

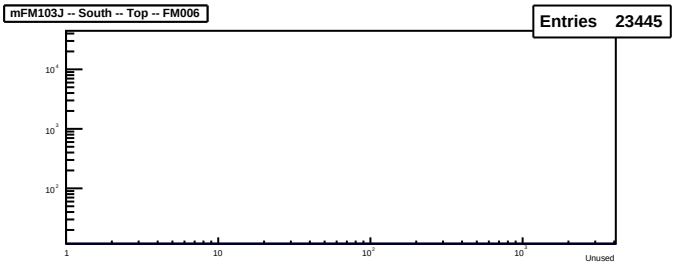

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

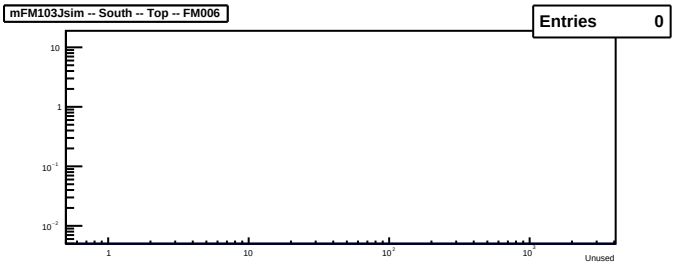

mFM103JP -- South -- Top/Side -- FM005
Entries 46890
JP-GH
JP-U

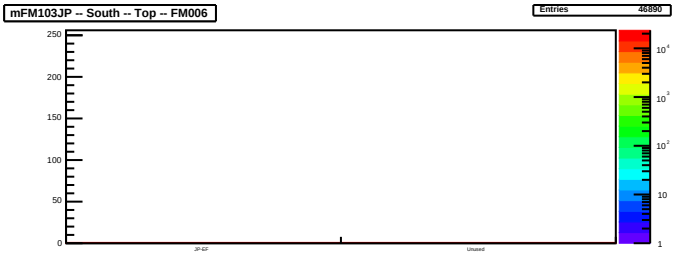

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

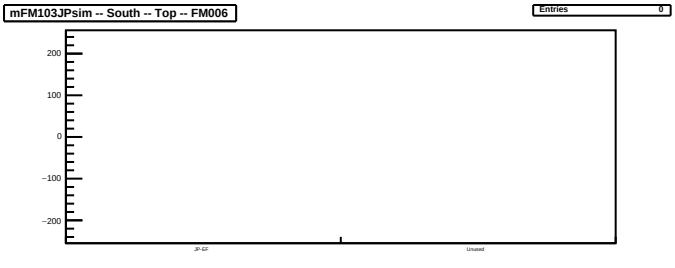

mFM103BS -- South -- Top --FM006
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1-E
BS1-F

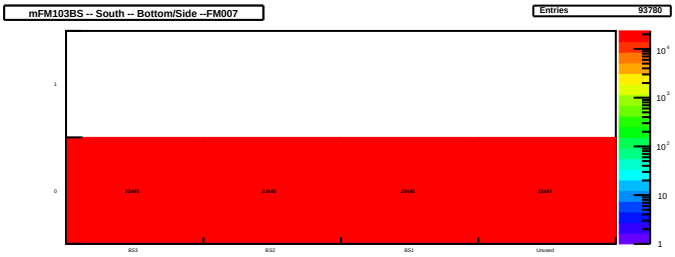

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

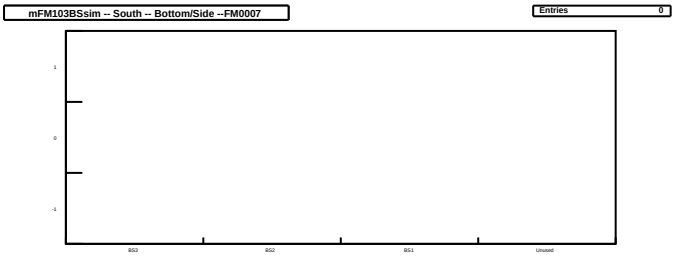

mFM103J -- South -- Top -- FM006
Entries 23445
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 46890
JP-EF
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1
Unused


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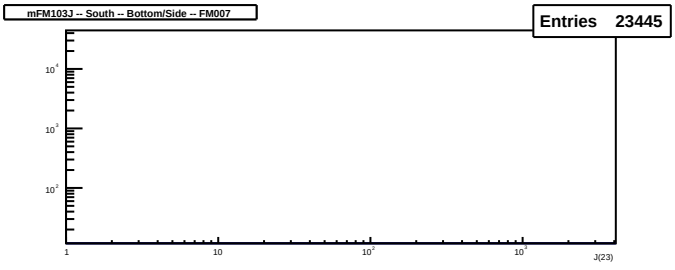
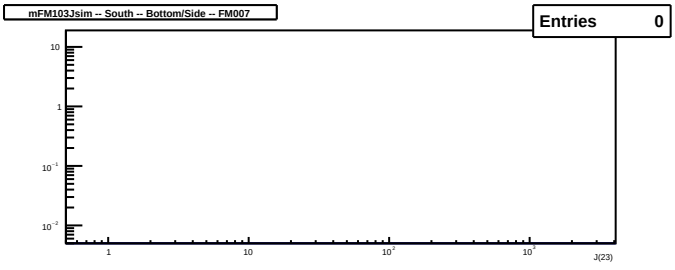
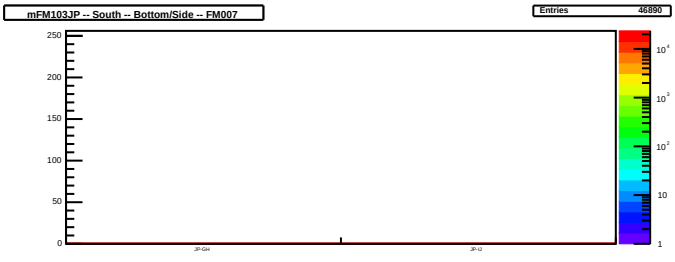
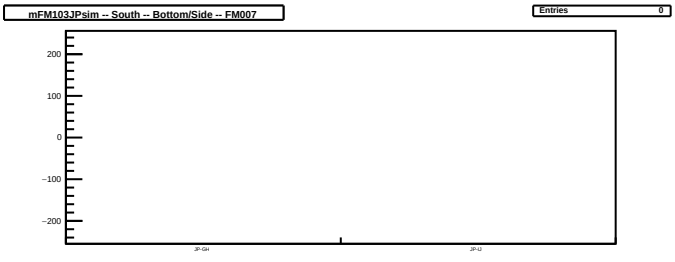
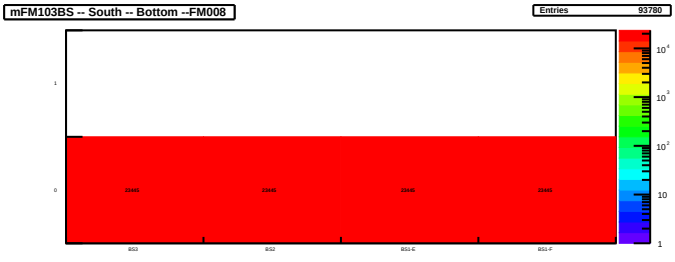
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 23445
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 46890
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 93780
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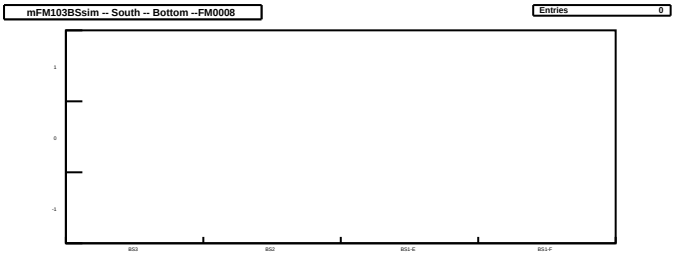
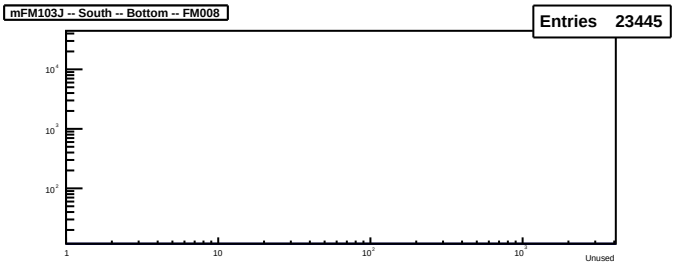
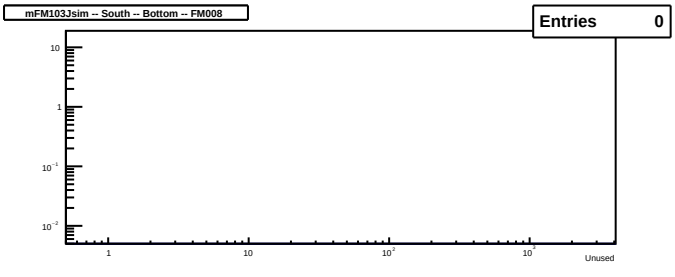
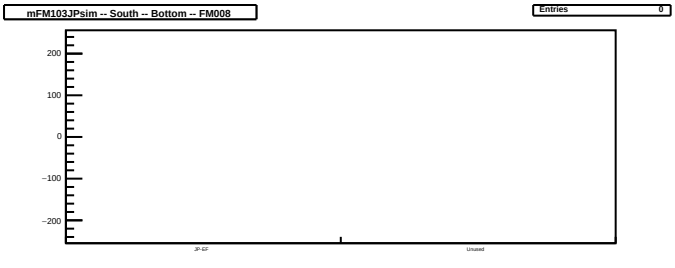
23445
23445
BS3
BS2
BS1-E
BS1-F

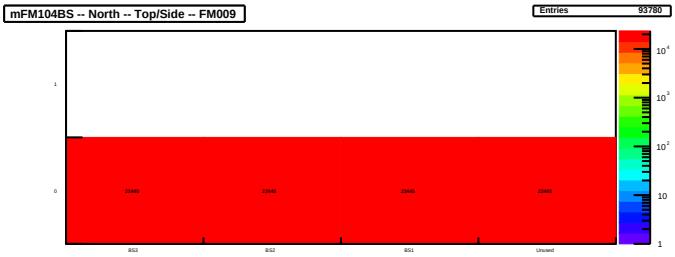

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 23445
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 46890
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 93780
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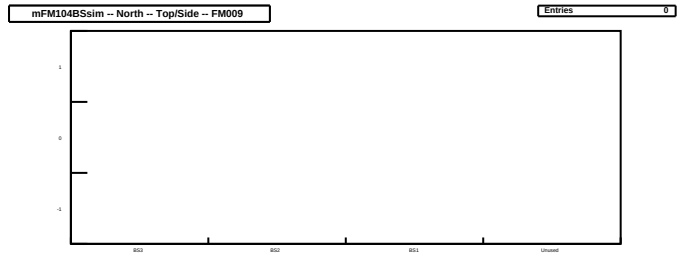
23445
23445
23445
BS3
BS2
BS1
Unused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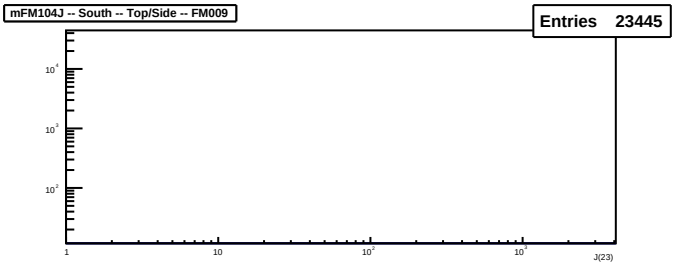
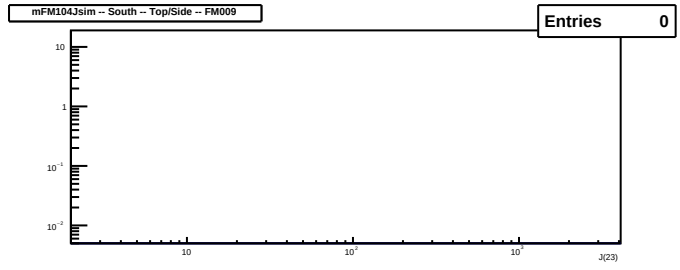
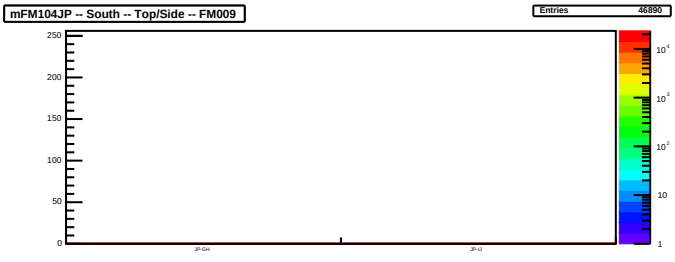
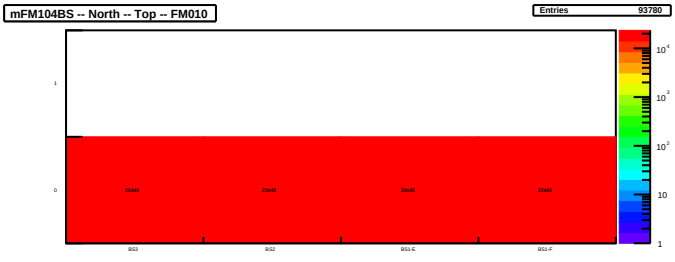
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 23445
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 46890
JP-GH
JP-U

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


mFM104BS -- North -- Top -- FM010
Entries 93780
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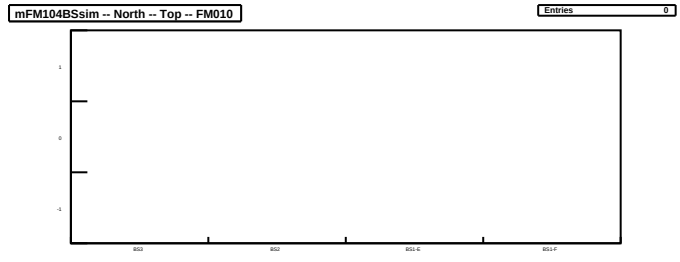
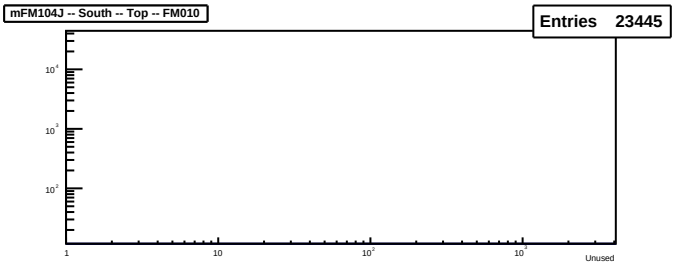
23445
23445
BS3
BS2
BS1-E
BS1-F


mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F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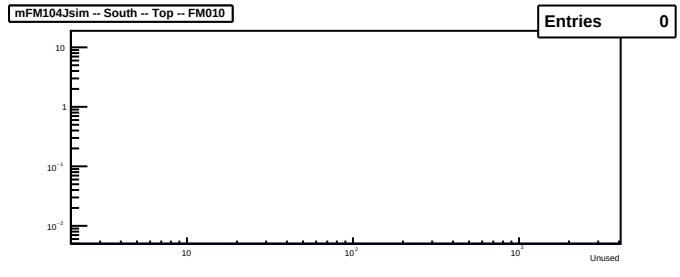
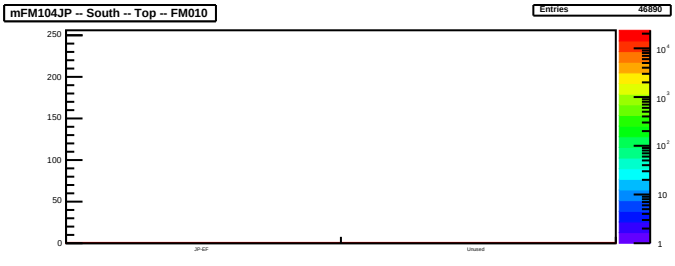
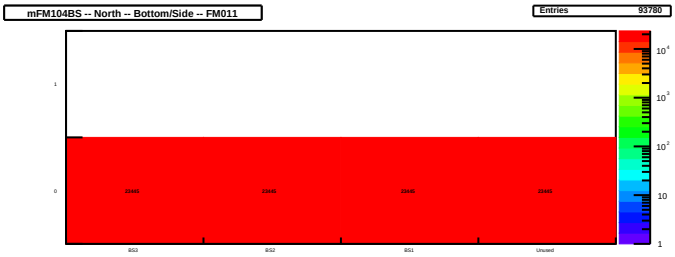
Entries 23445
Unused


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


mFM104JP -- South -- Top -- FM010
Entries 46890
JP-EF
Unused

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


mFM104BS -- North -- Bottom/Side -- FM011
Entries 93780
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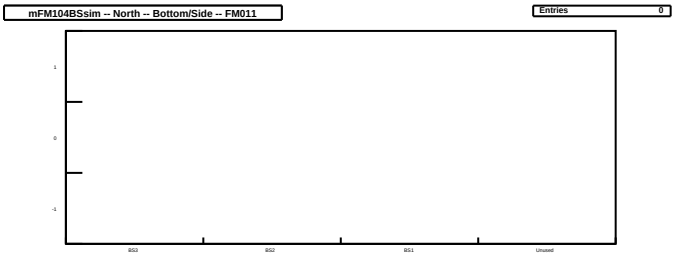
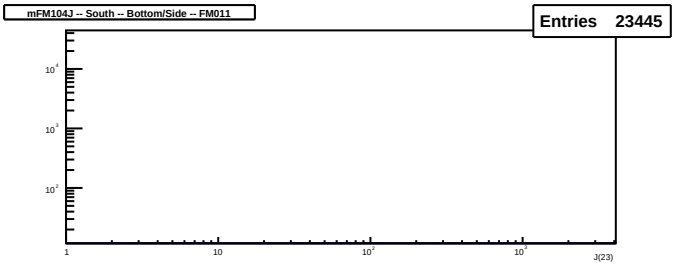
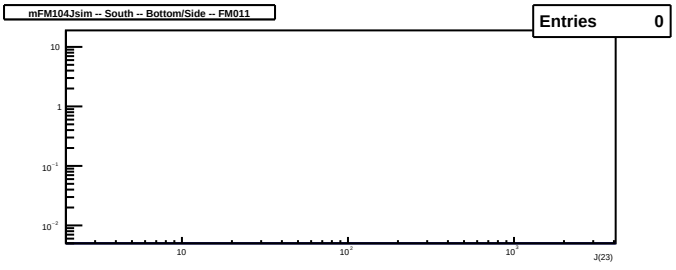
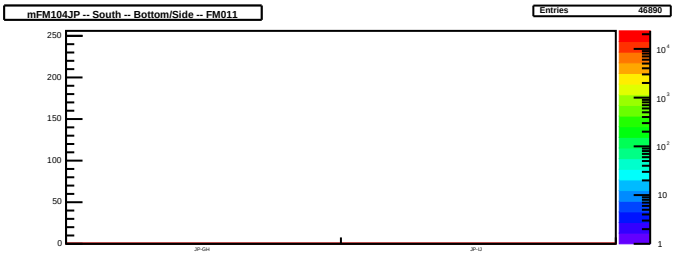
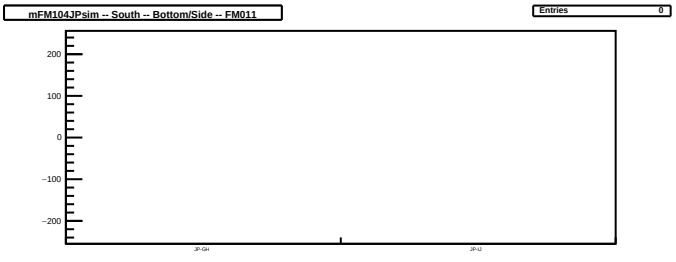
23445
23445
BS3
BS2
BS1
Unused

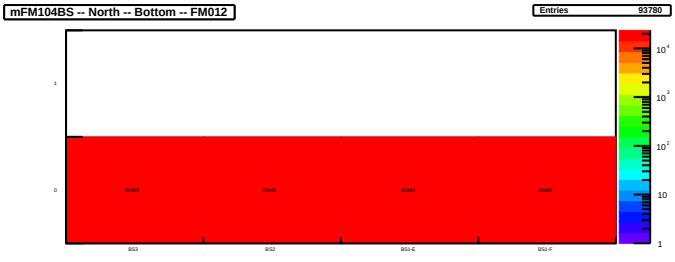

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

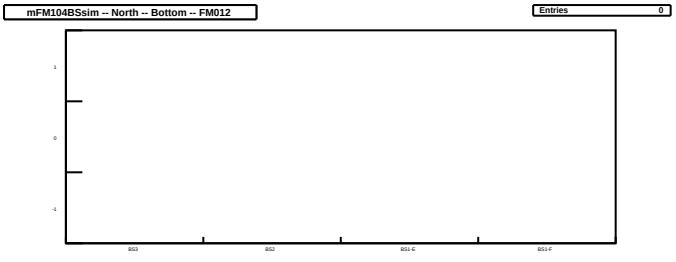

mFM104J -- South -- Bottom/Side -- FM011
Entries 23445
J(23)

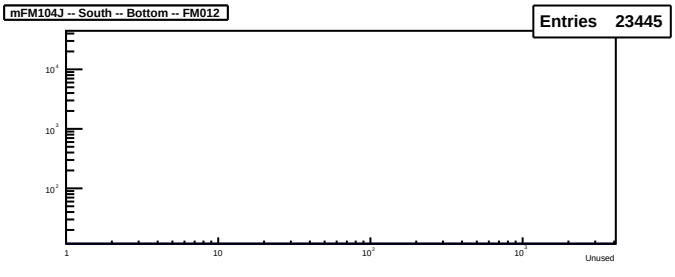

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

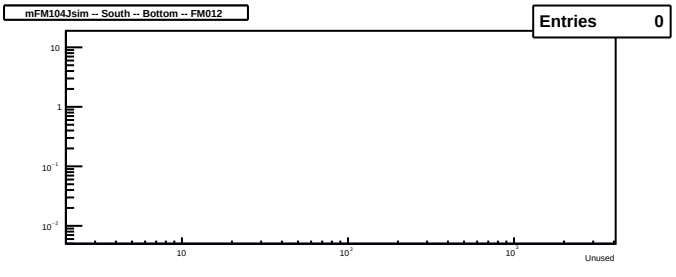

mFM104JP -- South -- Bottom/Side -- FM011
Entries 46890
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 93780
23445
23445
23445
23445
BS3
BS2
BS1-E
BS1-F

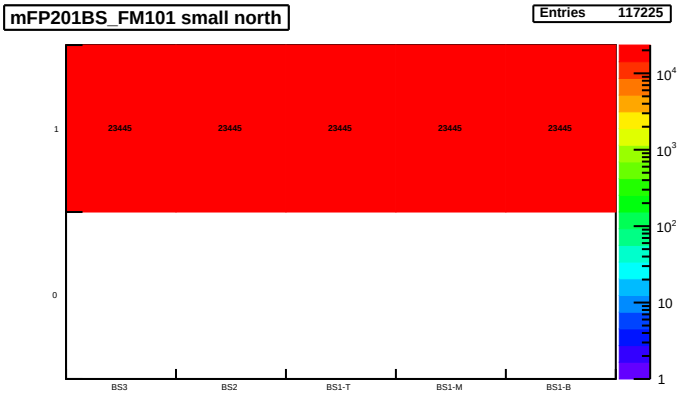

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

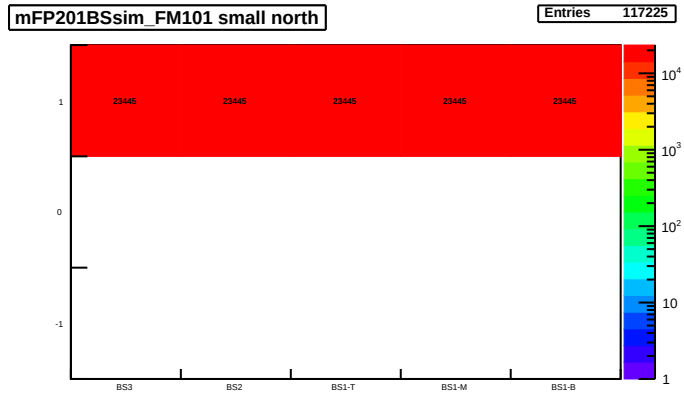

mFM104J -- South -- Bottom -- FM012
Entries 23445
Unused

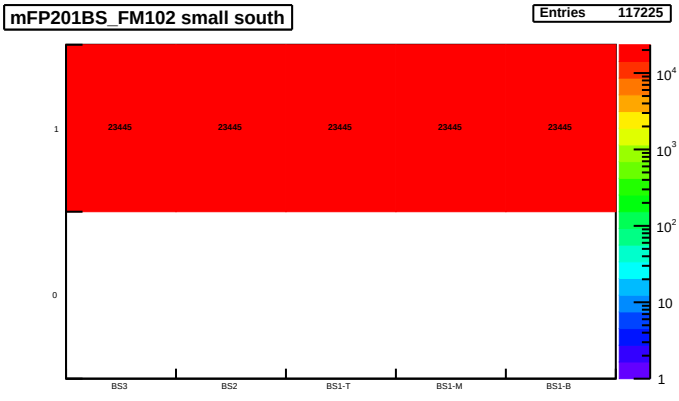

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

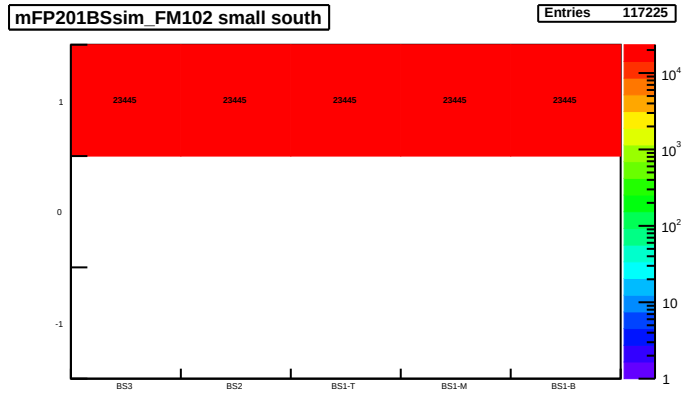
mFM104JP -- South -- Bottom -- FM012
Entries 46890
JP-EF
Unused

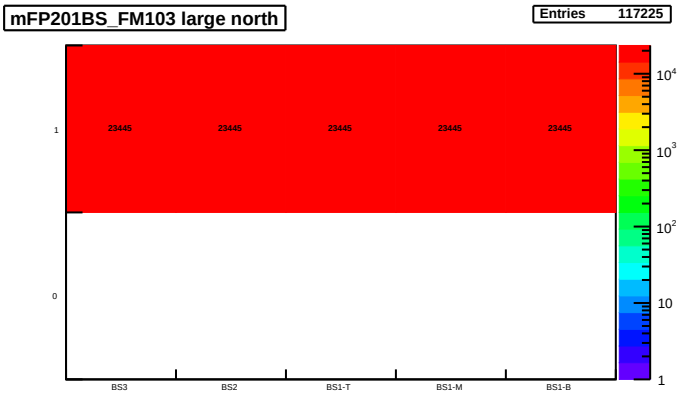
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

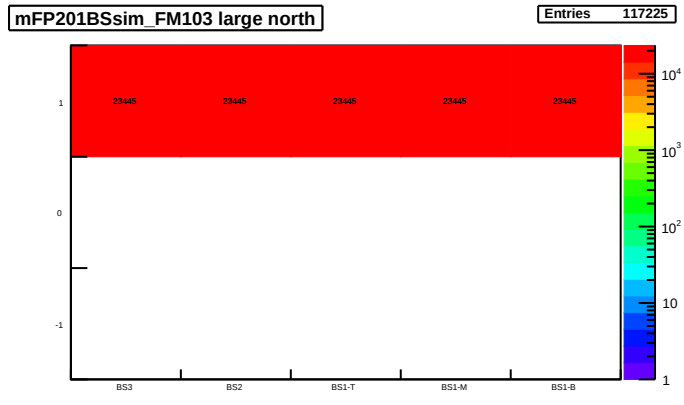

mFP201BS_FM101 small north
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

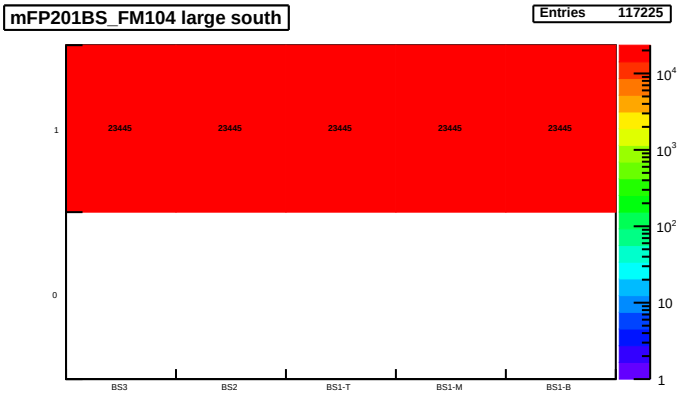

mFP201BSsim_FM101 small north
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

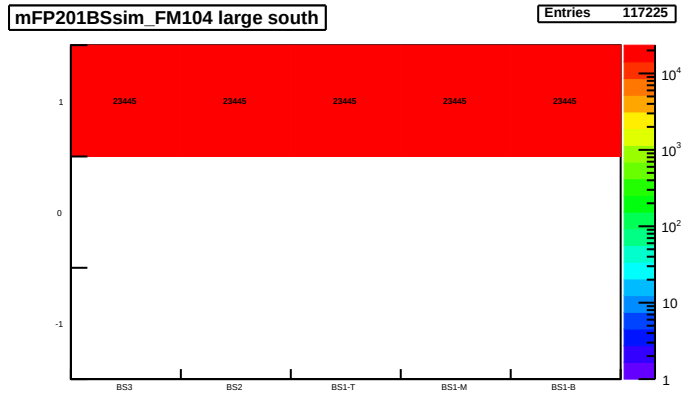

mFP201BS_FM102 small south
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

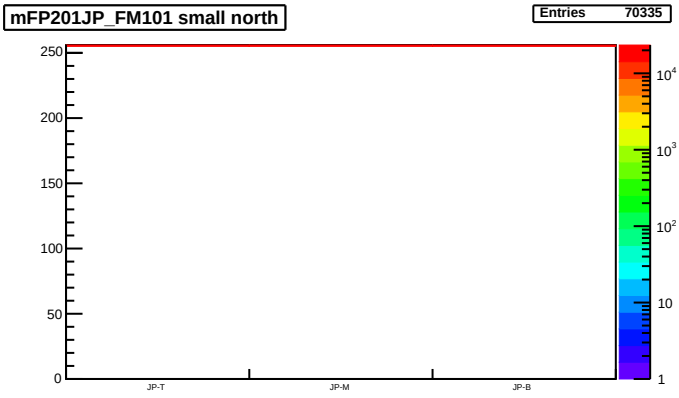

mFP201BSsim_FM102 small south
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

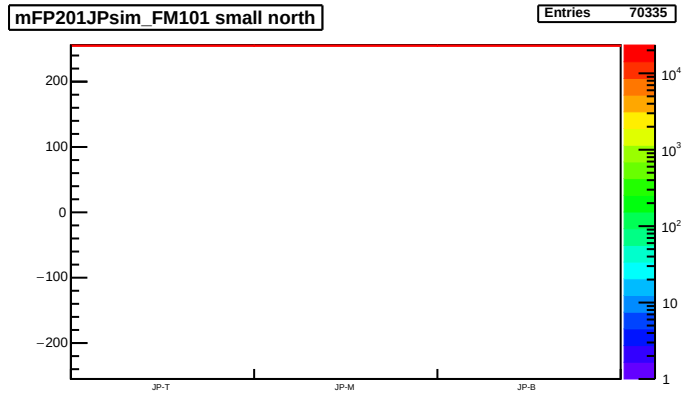

mFP201BS_FM103 large north
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

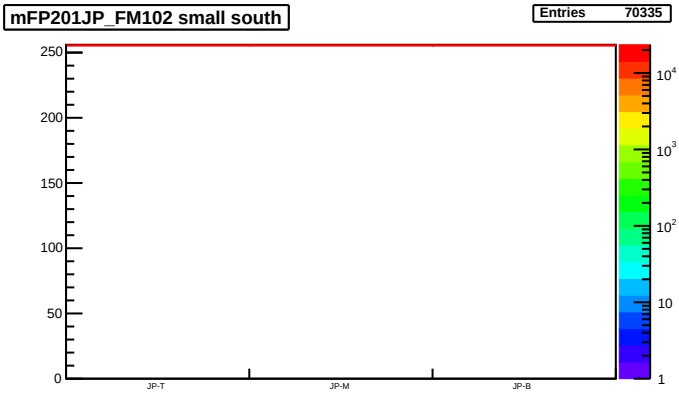

mFP201BSsim_FM103 large north
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

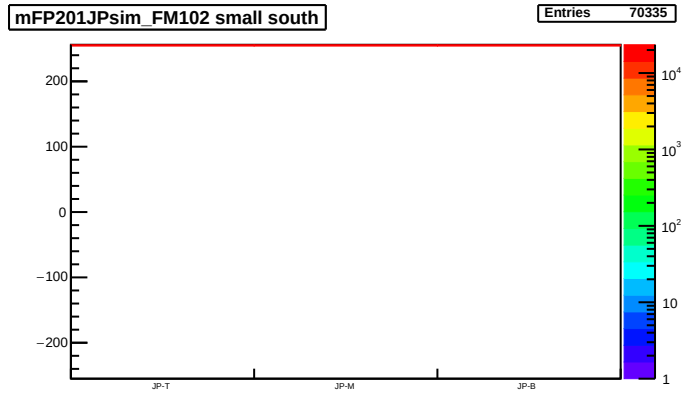

mFP201BS_FM104 large south
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

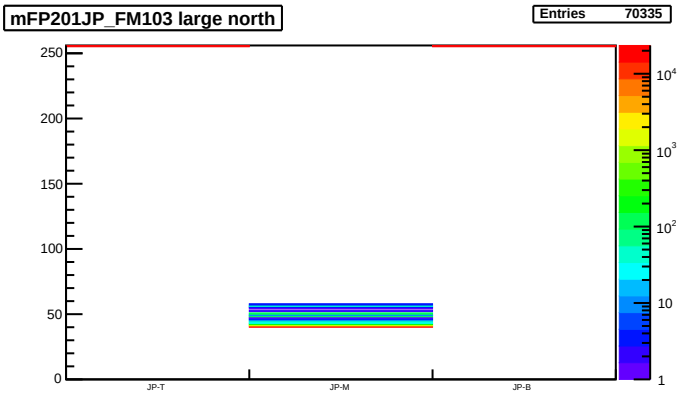

mFP201BSsim_FM104 large south
Entries 117225
23445
BS3
BS2
BS1-T
BS1-M
BS1-B

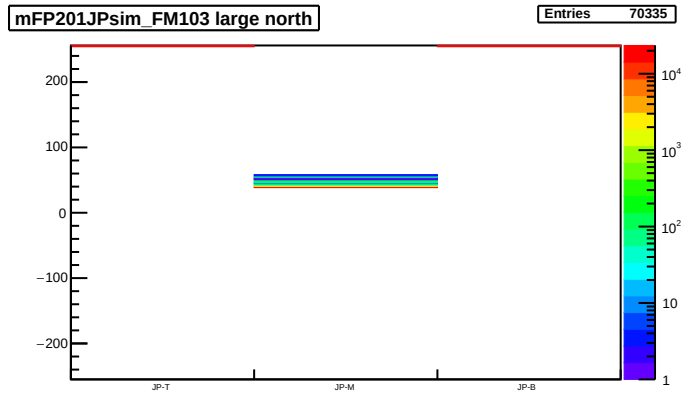

mFP201JP_FM101 small north
Entries 70335
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

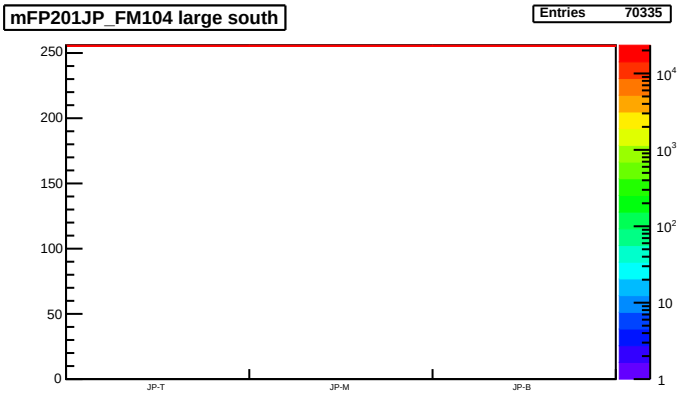

mFP201JPsim_FM101 small north
Entries 70335
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

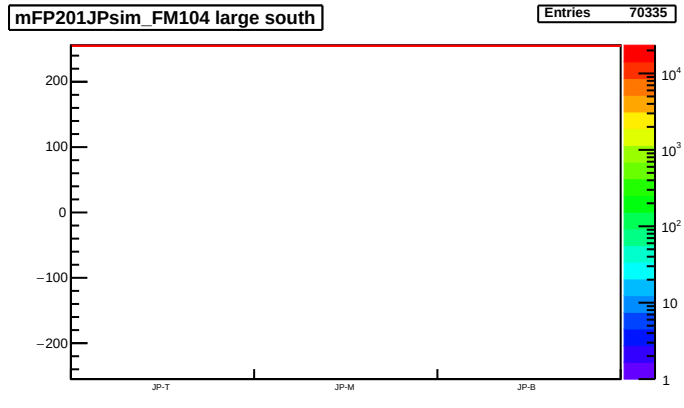

mFP201JP_FM102 small south
Entries 70335
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

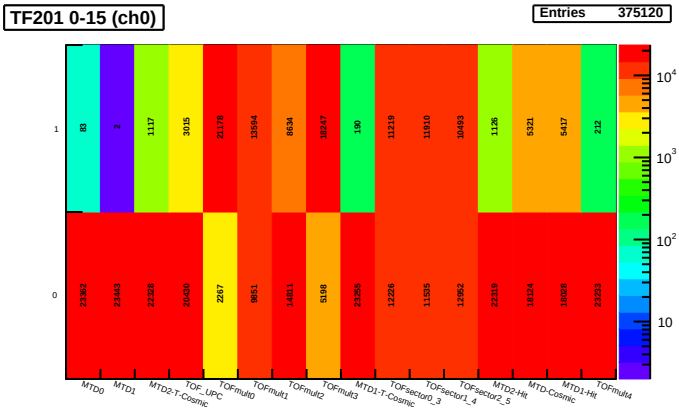

mFP201JPsim_FM102 small south
Entries 70335
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

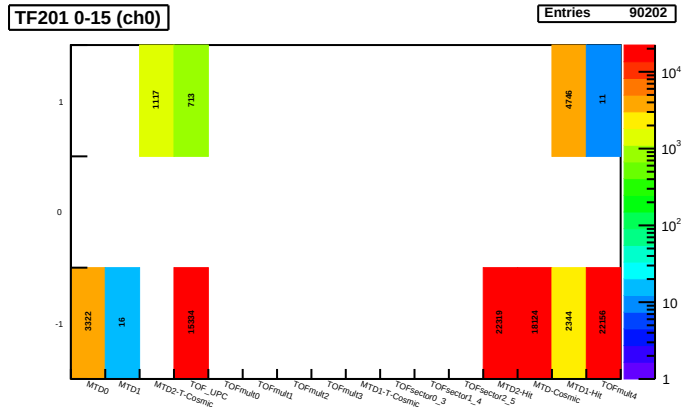

mFP201JP_FM103 large north
Entries 70335
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

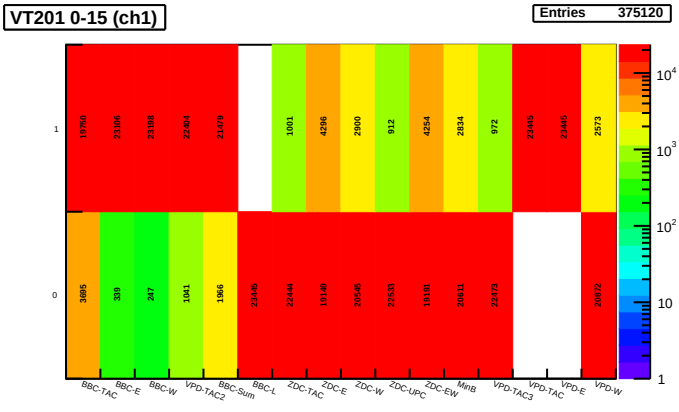

mFP201JPsim_FM103 large north
Entries 70335
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

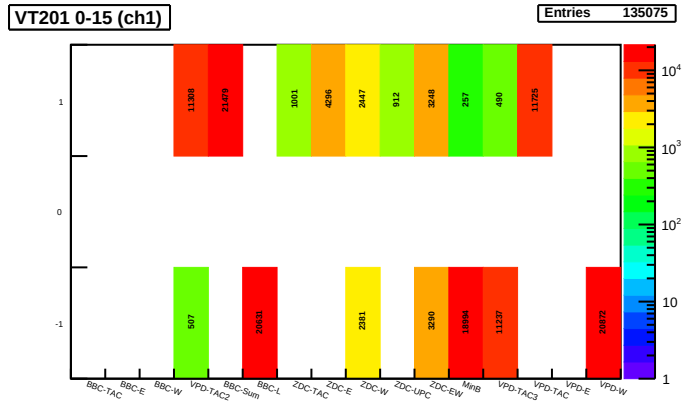

mFP201JP_FM104 large south
Entries 70335
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

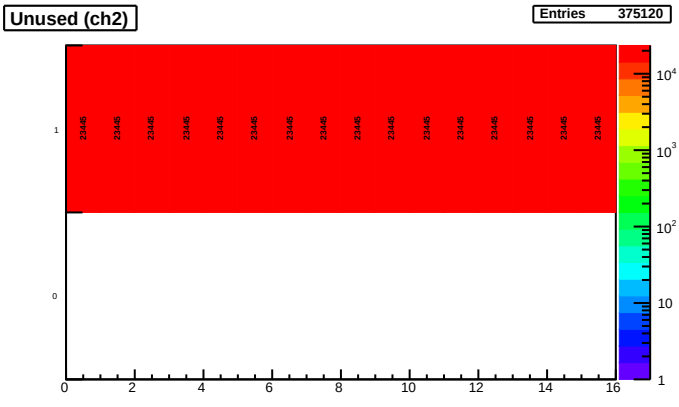

mFP201JPsim_FM104 large south
Entries 70335
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

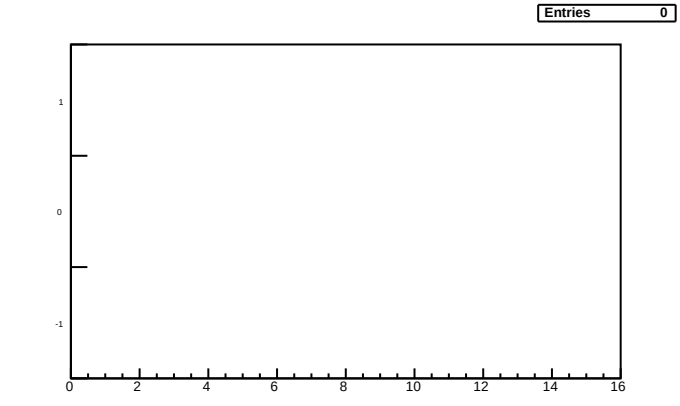

TF201 0-15 (ch0)
Entries 375120
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

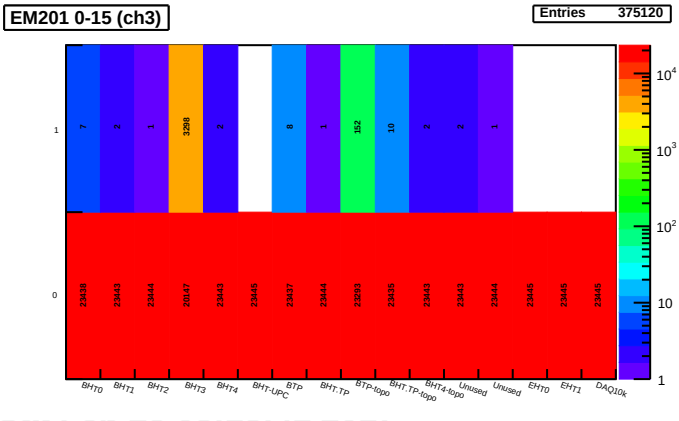

TF201 0-15 (ch0)
Entries 90202
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

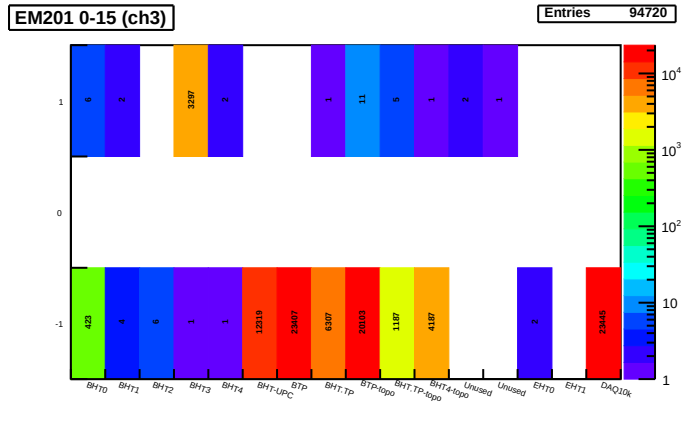

VT201 0-15 (ch1)
Entries 375120
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 135075
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

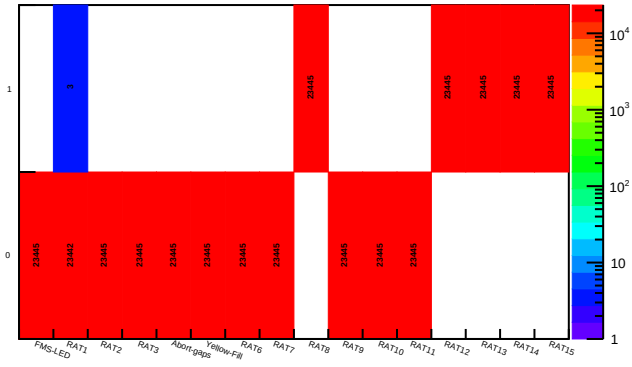

Unused (ch2)
Entries 375120

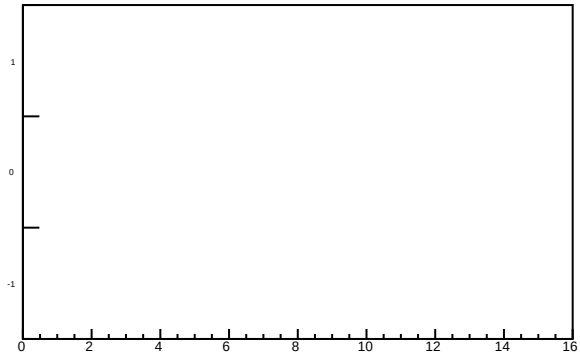

Entries 0


EM201 0-15 (ch3)
Entries 375120
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

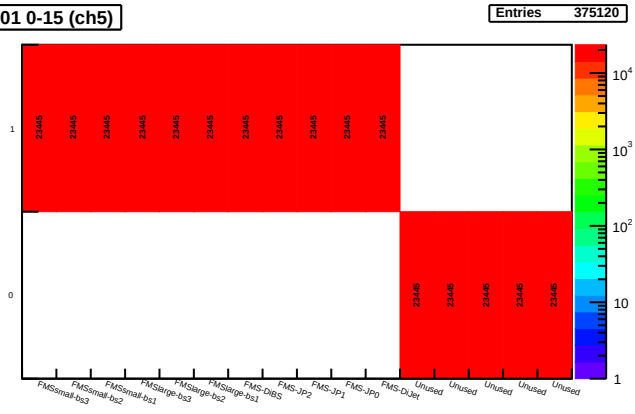

EM201 0-15 (ch3)
Entries 94720
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

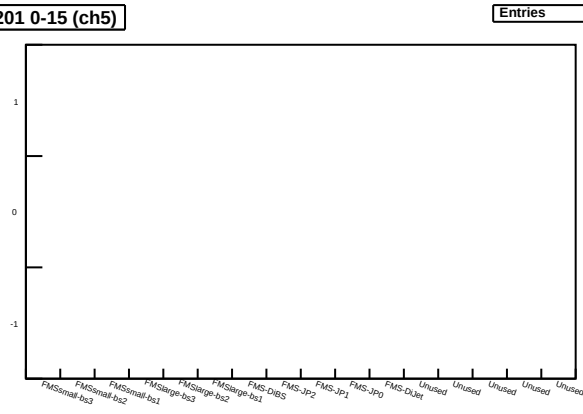




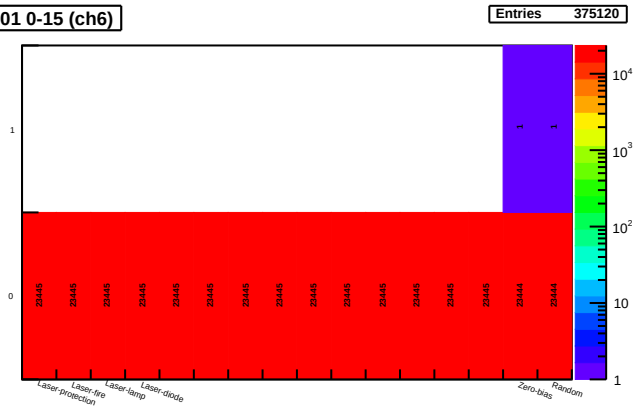
FP201 0-15 (ch5)

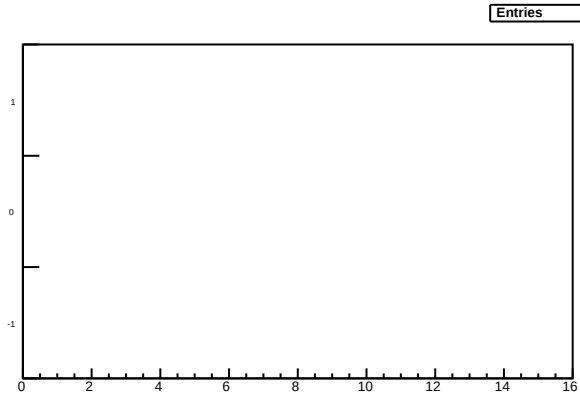
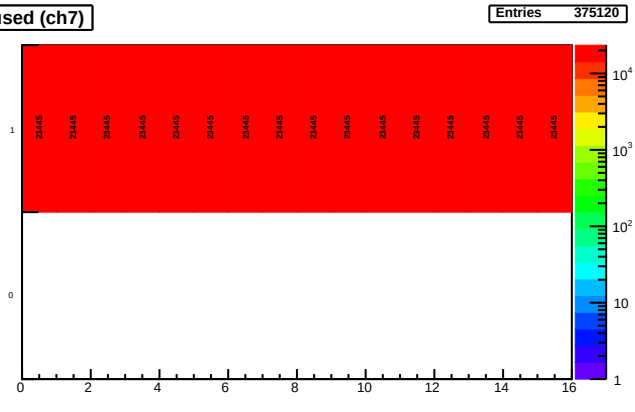
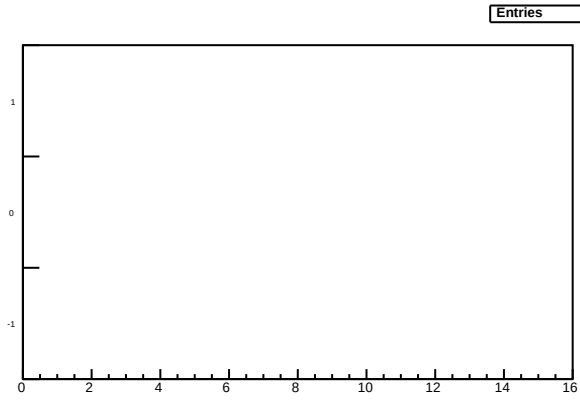


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)