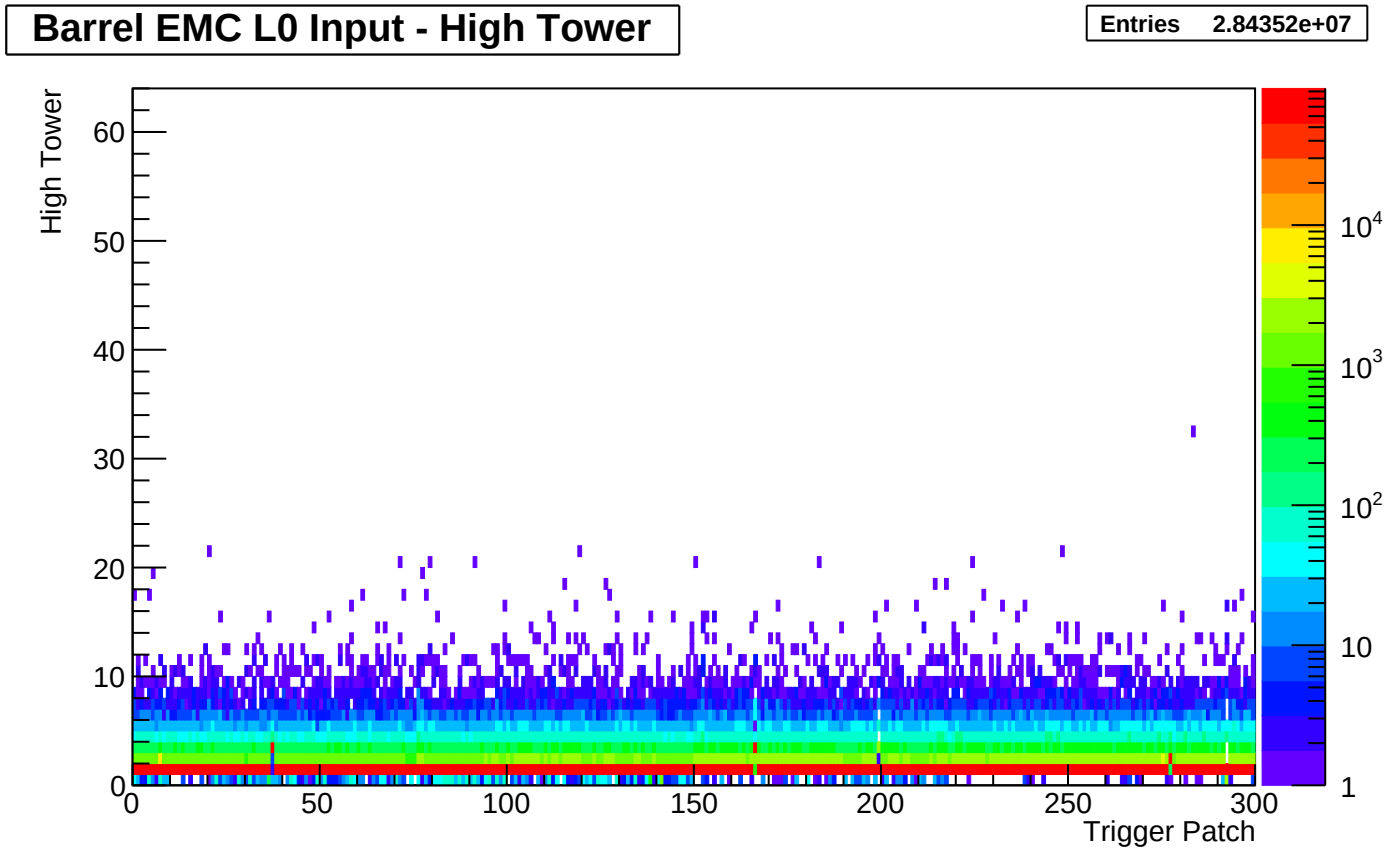
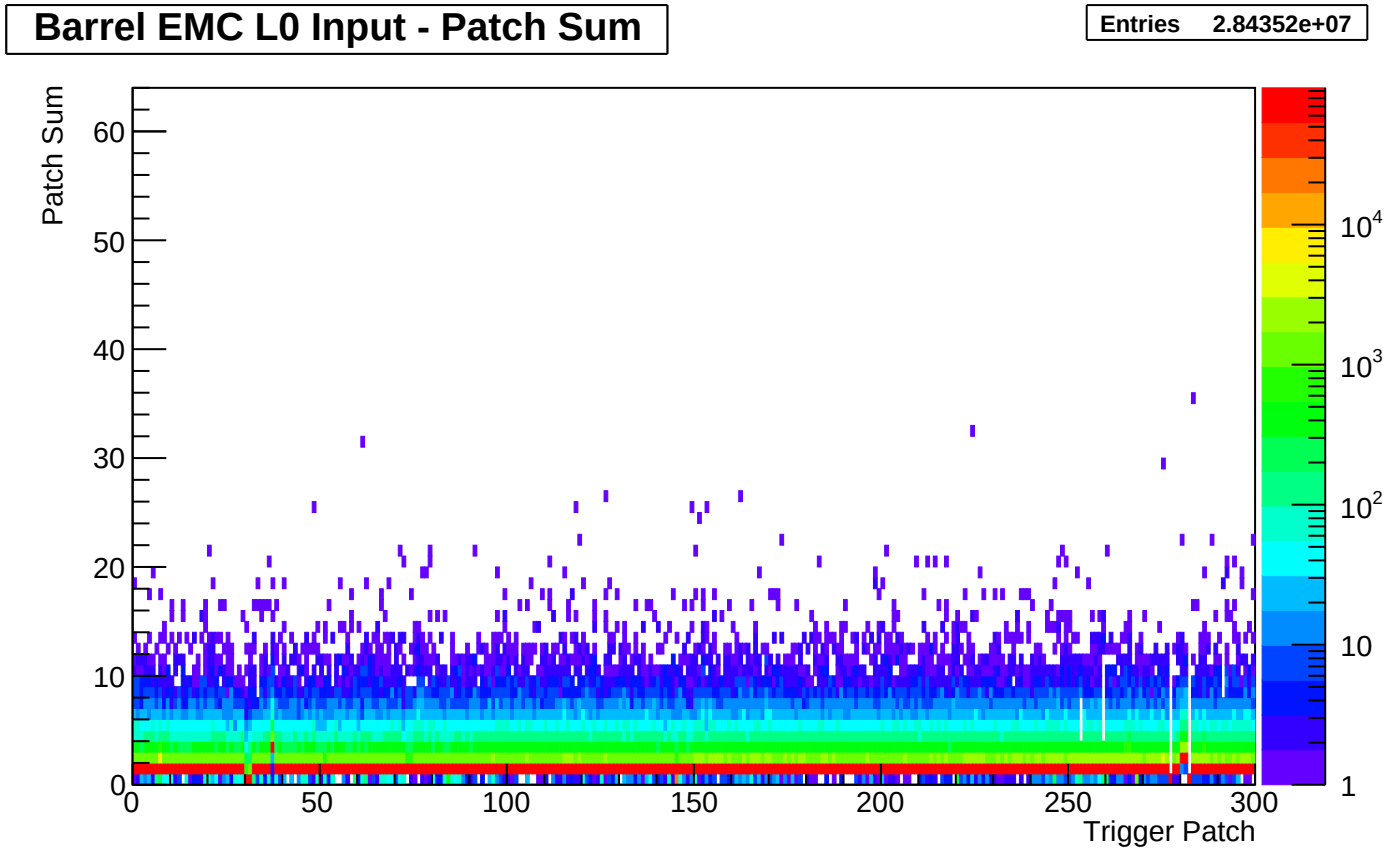
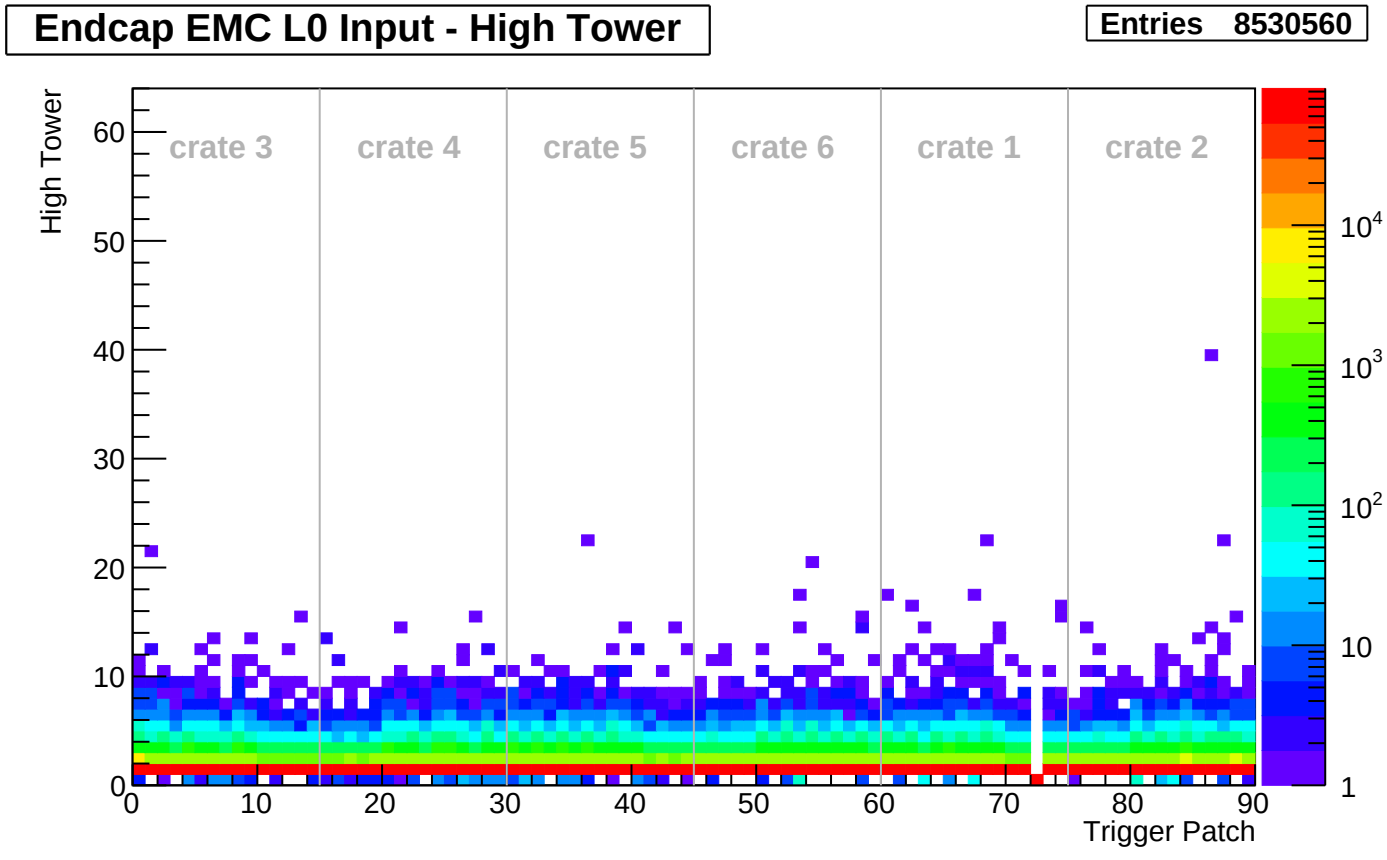
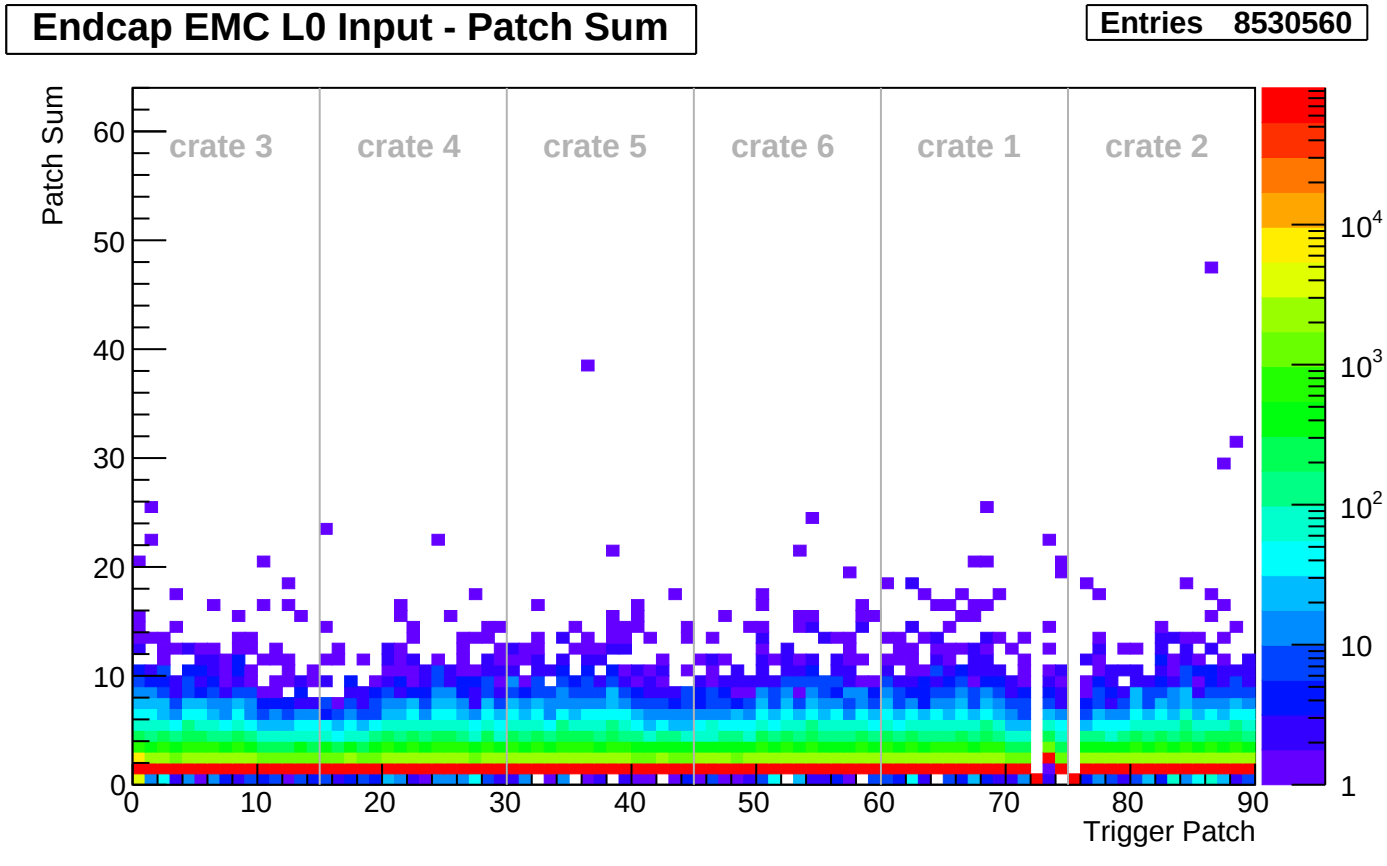
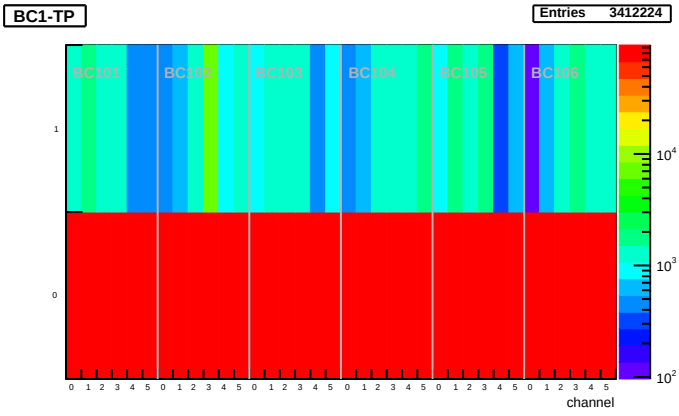
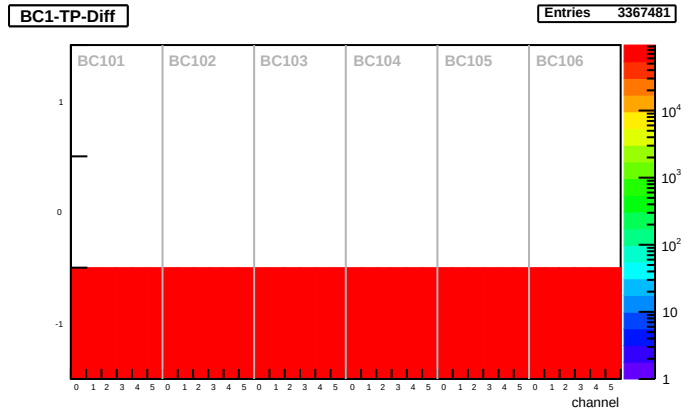

Barrel EMC L0 Input - High Tower
Entries 2.84352e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

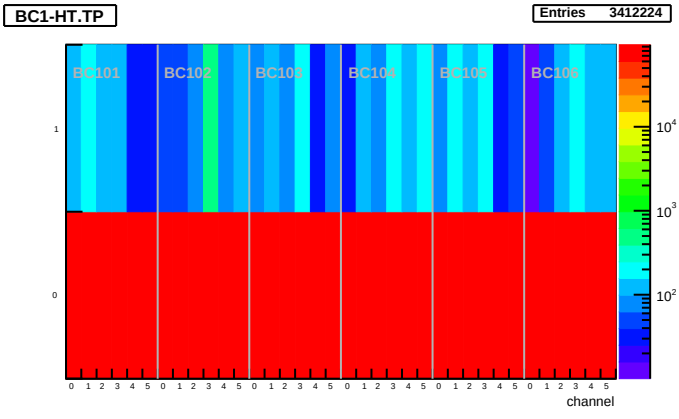

Barrel EMC L0 Input - Patch Sum
Entries 2.84352e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

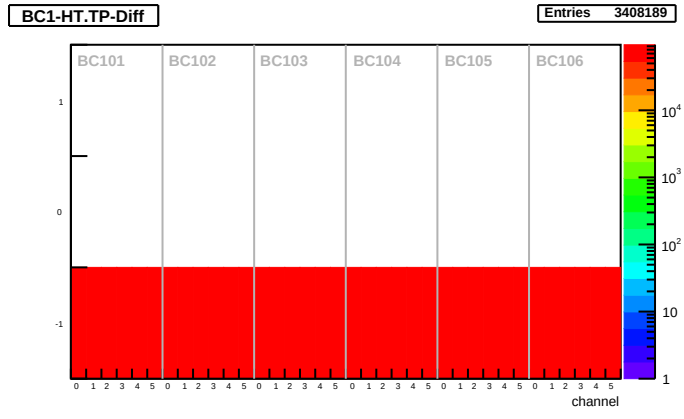

Endcap EMC L0 Input - High Tower
Entries 8530560
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

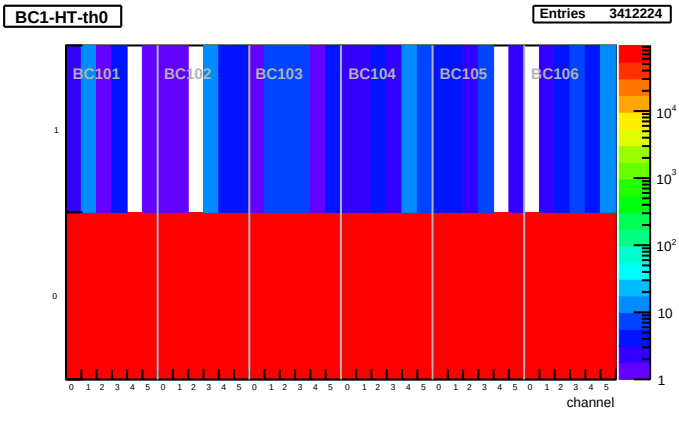

Endcap EMC L0 Input - Patch Sum
Entries 8530560
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

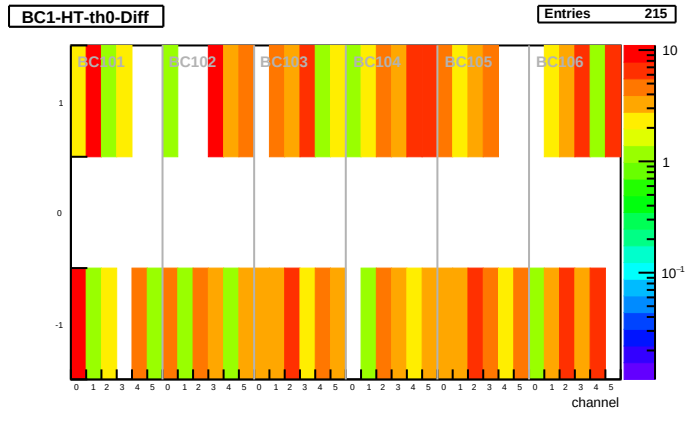

BC1-TP
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

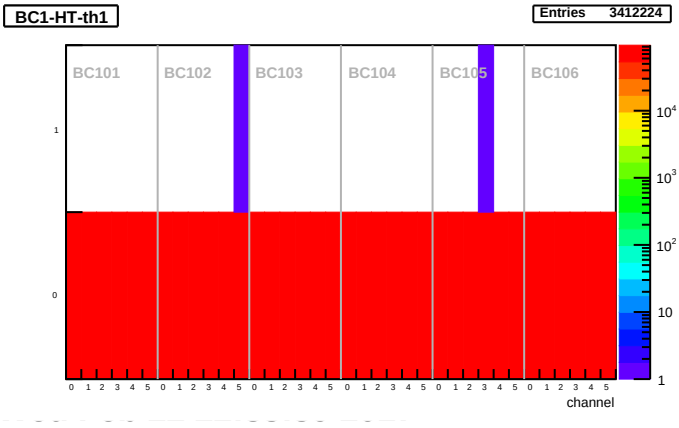

BC1-TP-Diff
Entries 3367481
BC101
BC102
BC103
BC104
BC105
BC106
channel

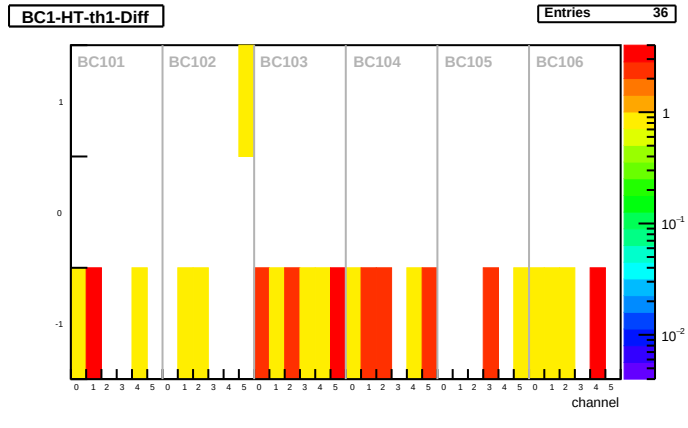

BC1-HT.TP
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

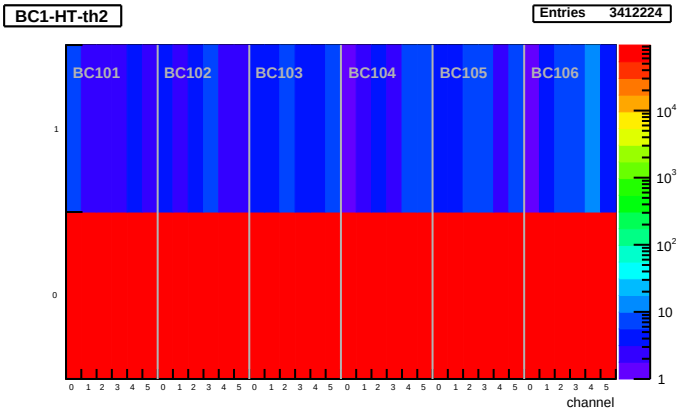

BC1-HT.TP-Diff
Entries 3408189
BC101
BC102
BC103
BC104
BC105
BC106
channel

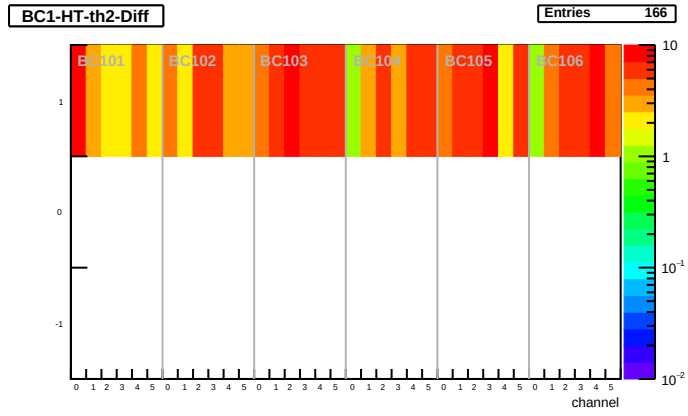

BC1-HT-th0
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

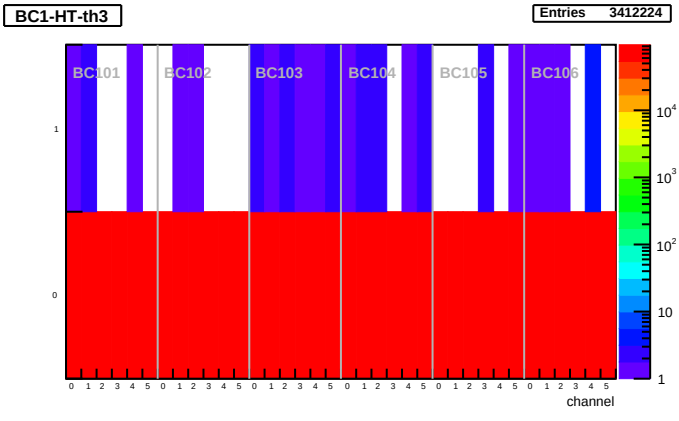

BC1-HT-th0-Diff
Entries 215
BC101
BC102
BC103
BC104
BC105
BC106
channel

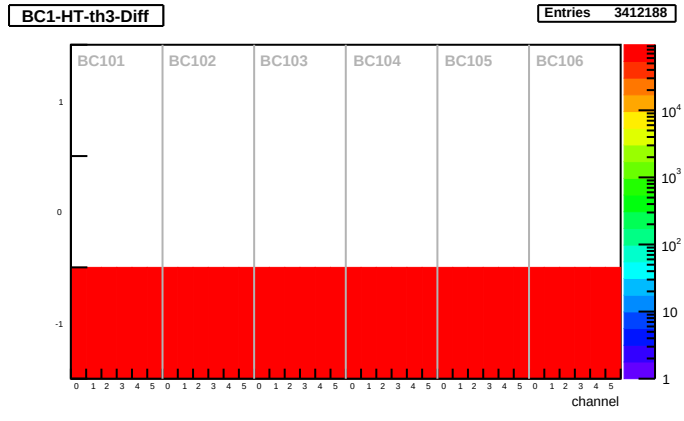

BC1-HT-th1
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

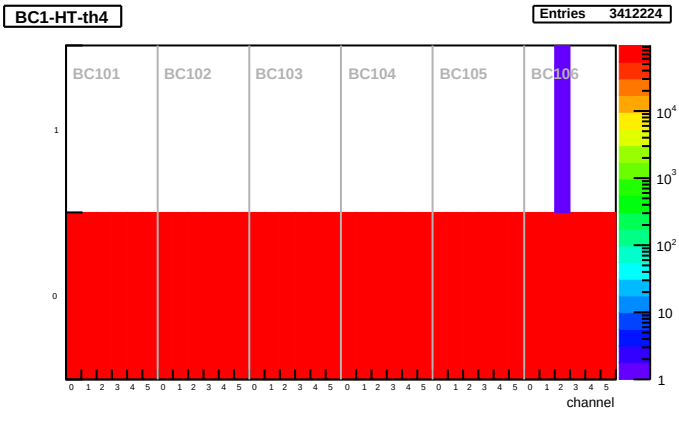

BC1-HT-th1-Diff
Entries 36
BC101
BC102
BC103
BC104
BC105
BC106
channel

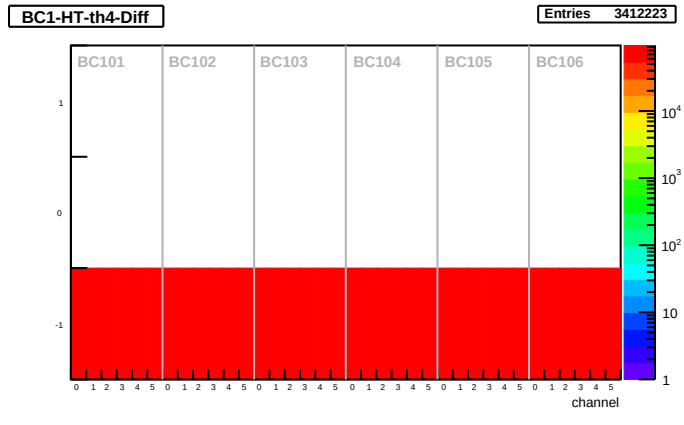

BC1-HT-th2
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

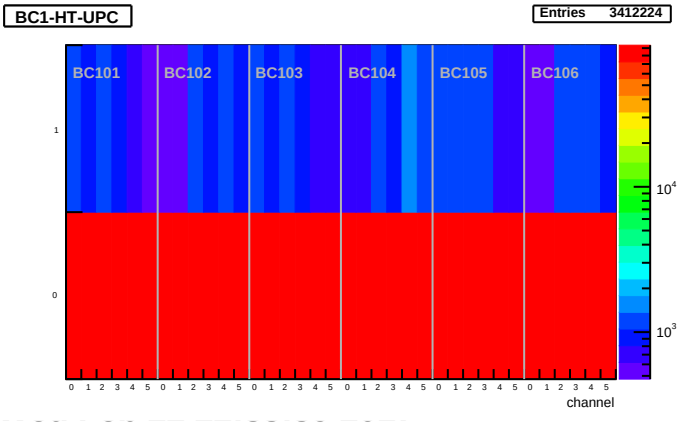

BC1-HT-th2-Diff
Entries 166
BC101
BC102
BC103
BC104
BC105
BC106
channel

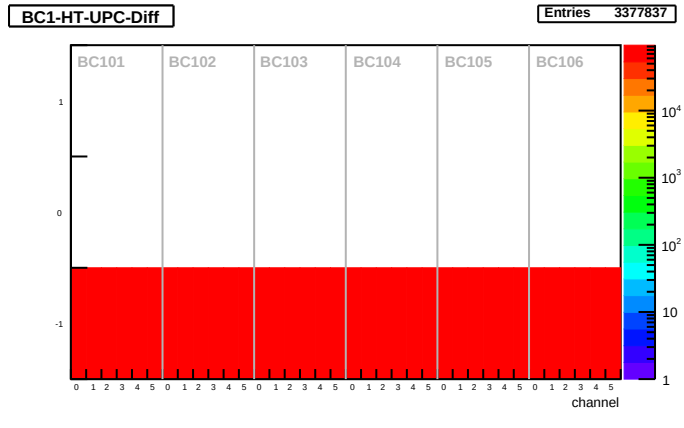

BC1-HT-th3
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

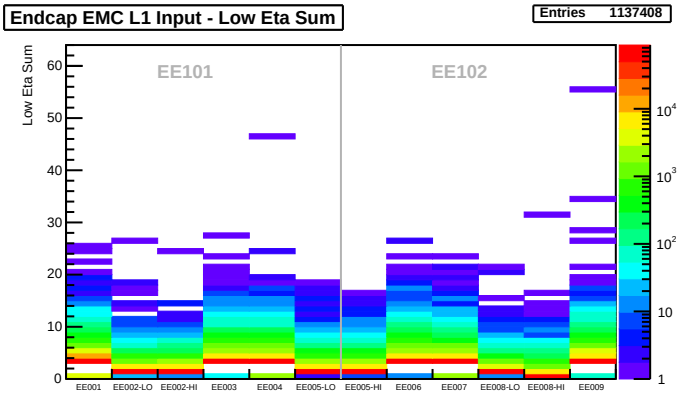

BC1-HT-th3-Diff
Entries 3412188
BC101
BC102
BC103
BC104
BC105
BC106
channel

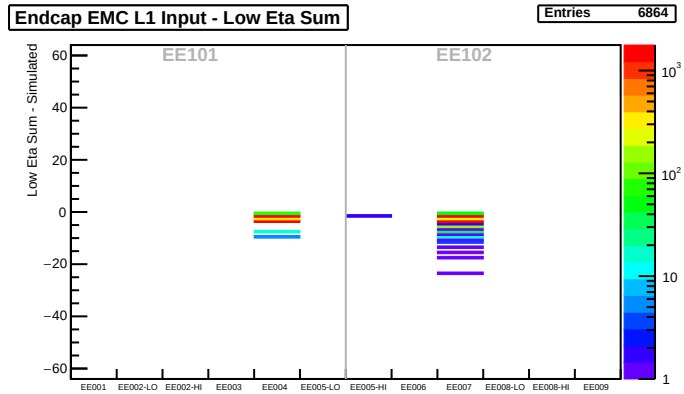

BC1-HT-th4
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

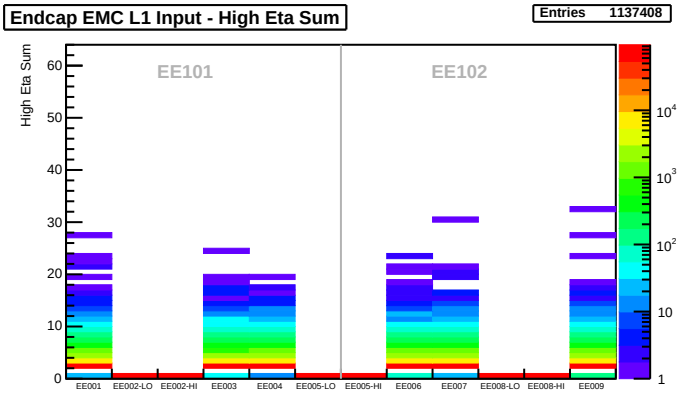

BC1-HT-th4-Diff
Entries 3412223
BC101
BC102
BC103
BC104
BC105
BC106
channel

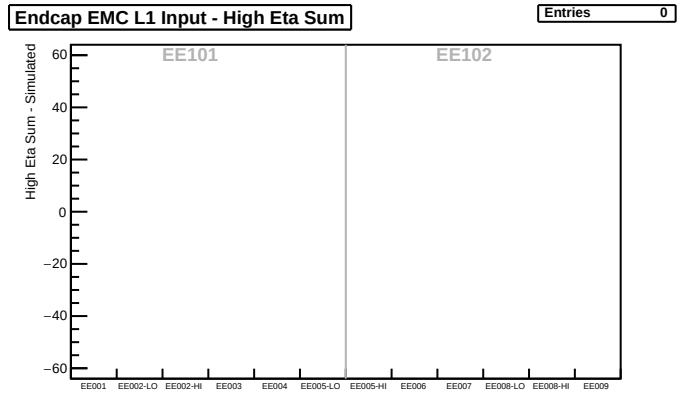

BC1-HT-UPC
Entries 3412224
BC101
BC102
BC103
BC104
BC105
BC106
channel

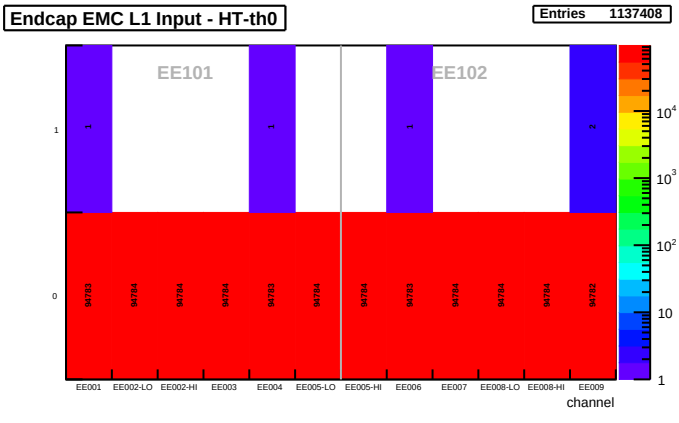

BC1-HT-UPC-Diff
Entries 3377837
BC101
BC102
BC103
BC104
BC105
BC106
channel

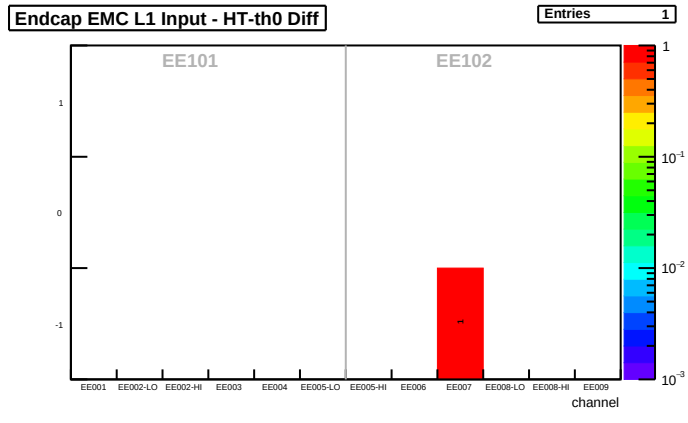

Endcap EMC L1 Input - Low Eta Sum
Entries 1137408
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

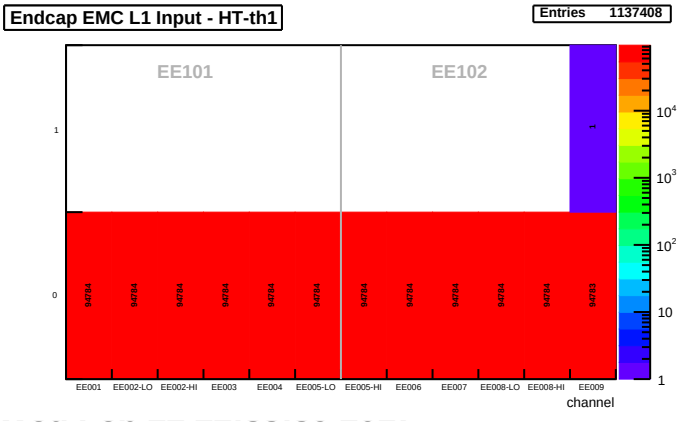

Endcap EMC L1 Input - Low Eta Sum
Entries 6864
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

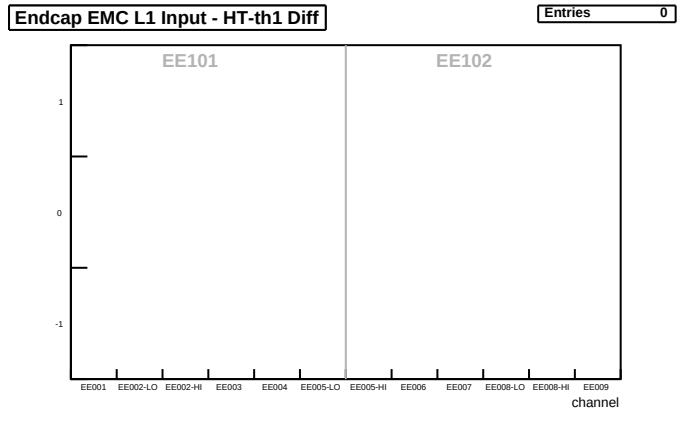

Endcap EMC L1 Input - High Eta Sum
Entries 1137408
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

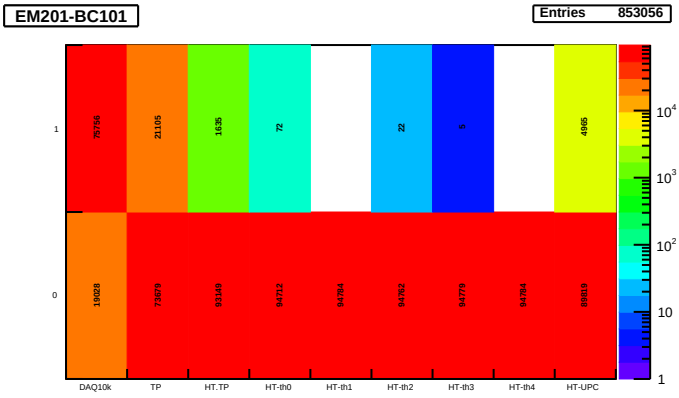

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

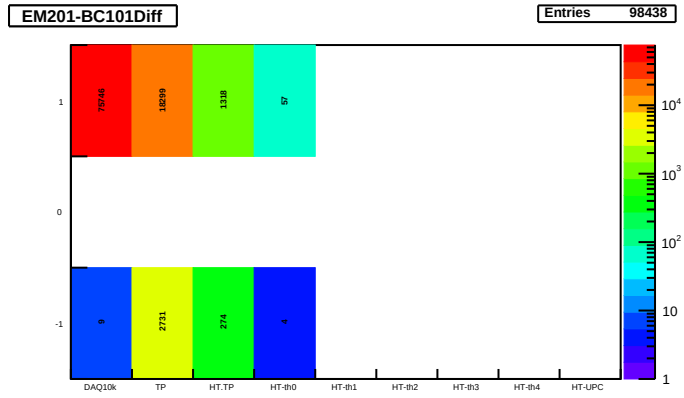

Endcap EMC L1 Input - HT-th0
Entries 1137408
EE101
EE102
channel

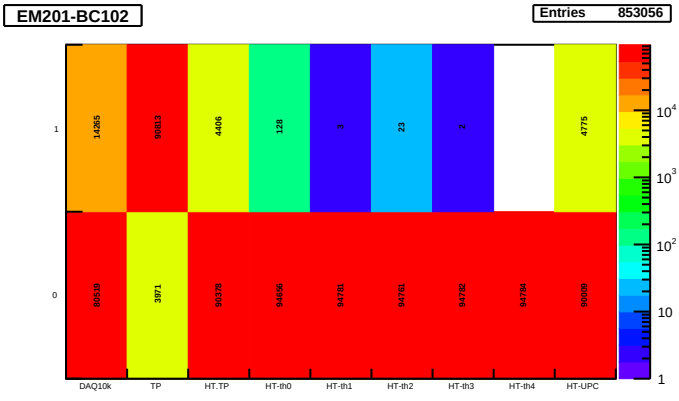

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
channel

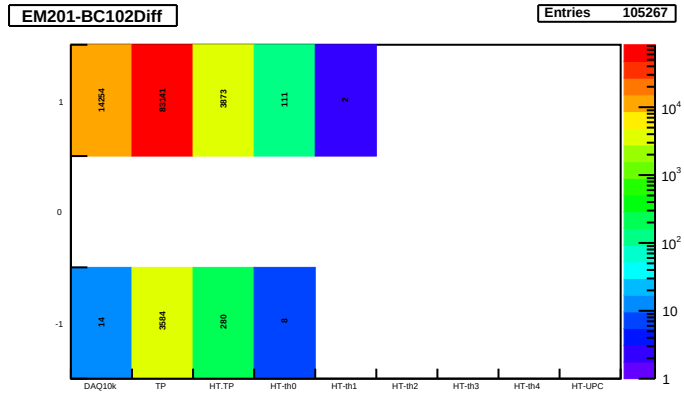

Endcap EMC L1 Input - HT-th1
Entries 1137408
EE101
EE102
channel

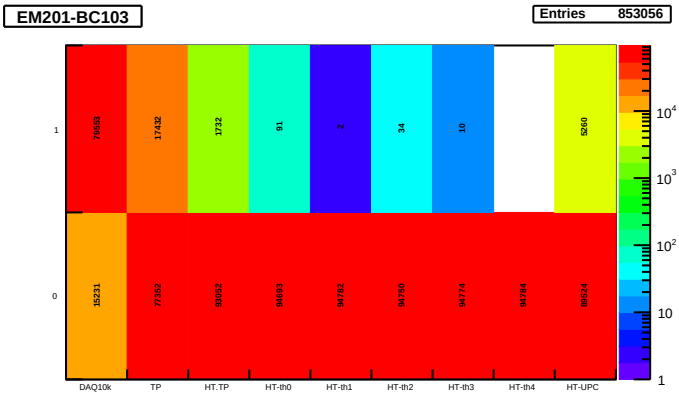

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel

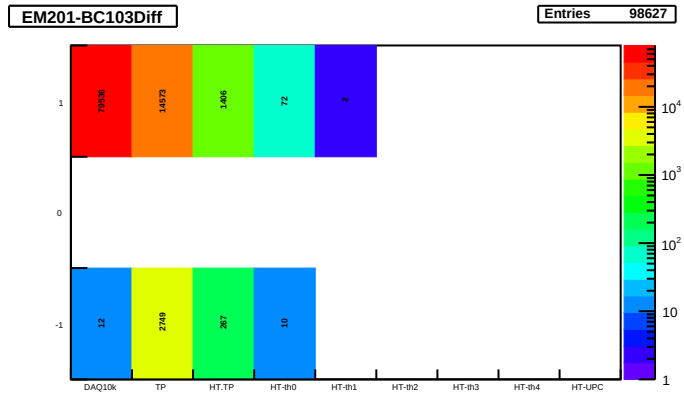

EM201-BC101
Entries 853056
1
0
75756 21105 1635 72 22 5 4965
19028 73679 93149 94712 94784 94782 94779 94784 89819
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

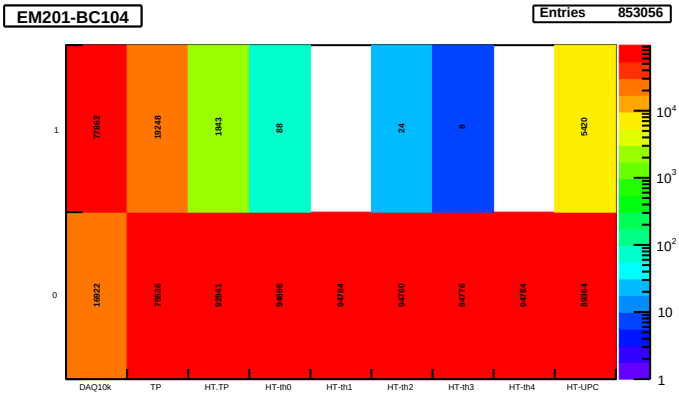

EM201-BC101Diff
Entries 98438
1
0
-1
75746 18299 1318 57
9 2731 274 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

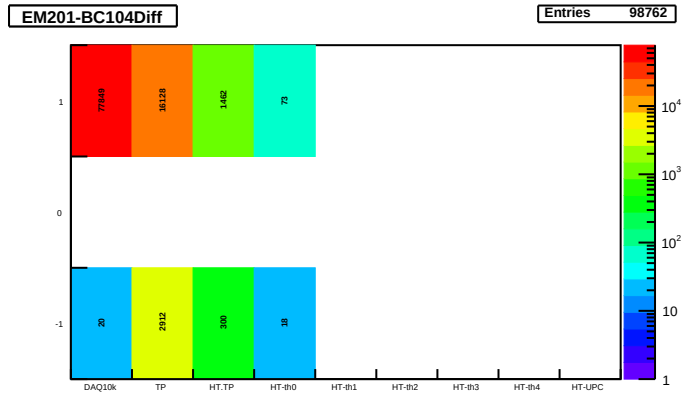

EM201-BC102
Entries 853056
1
0
14265 9083 4406 128 3 23 2 4775
80519 3971 93378 94656 94781 94781 94782 94784 90009
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 105267
1
0
-1
14254 83141 3873 111 2
14 3684 280 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

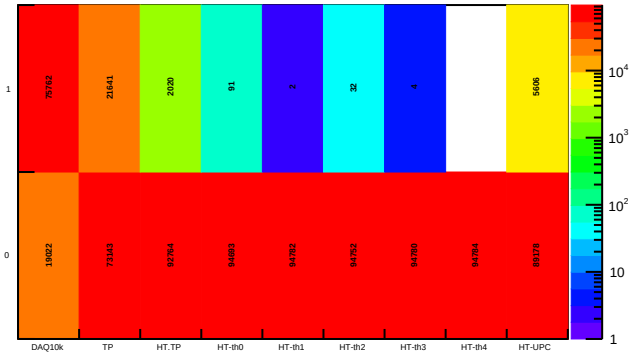

EM201-BC103
Entries 853056
1
0
79553 17432 1732 91 2 34 10 5260
15231 77552 93052 94693 94782 94750 94774 94784 89524
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC103Diff
Entries 98627
1
0
-1
79536 14573 1406 72 2
12 2749 267 10
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

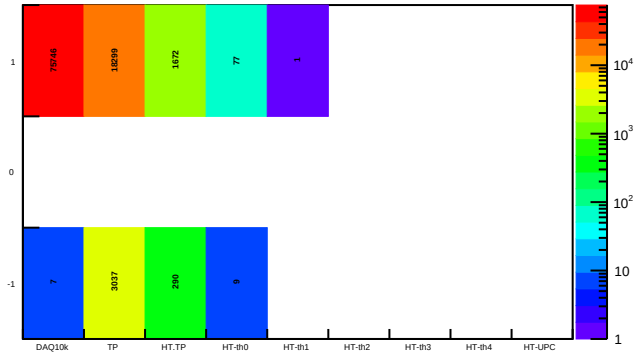

EM201-BC104
Entries 853056
1
0
77662 19248 1843 88 24 8 5420
16922 75536 92941 94696 94784 94760 94776 94784 89364
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 98762
1
0
-1
77649 16128 1462 73
20 2912 300 18
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

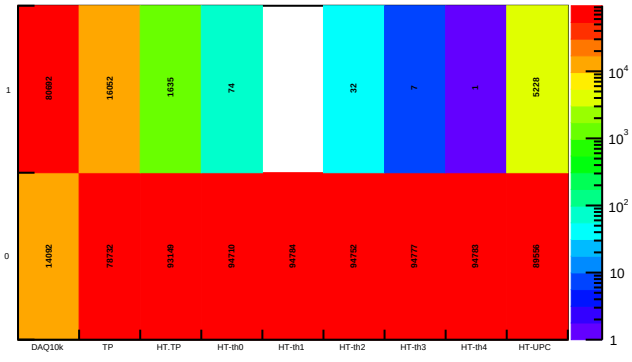
EM201-BC105 Entries 853056



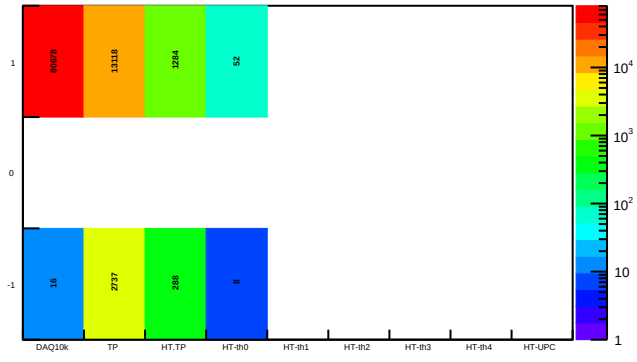
EM201-BC105Diff Entries 99138



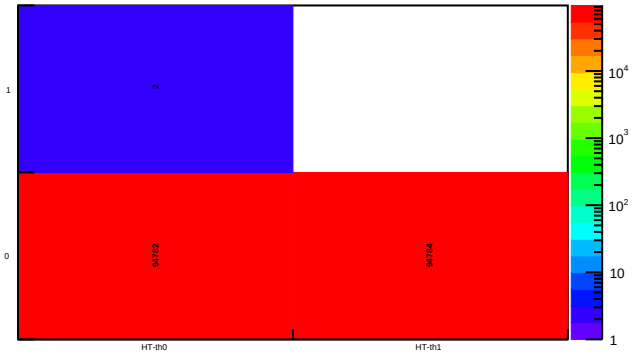
EM201-BC106 Entries 853056



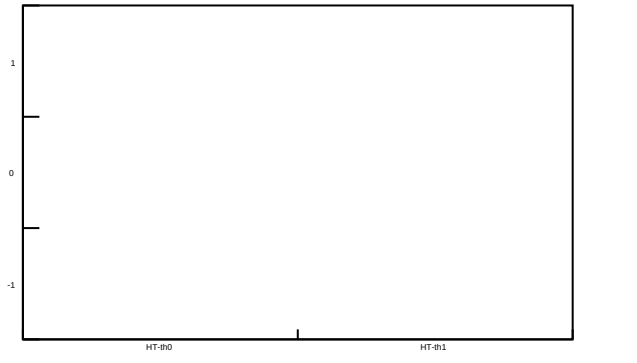
EM201-BC106Diff Entries 98181



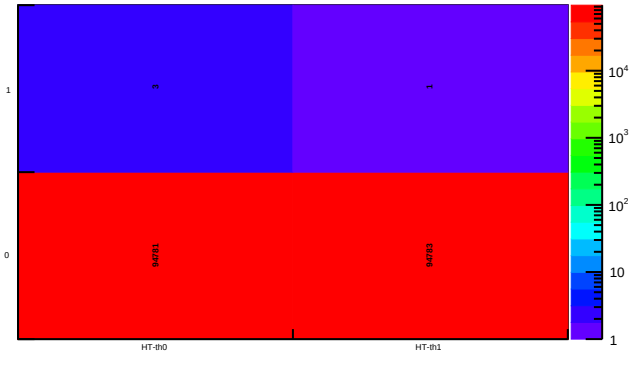
EM201-EE101 Entries 189568



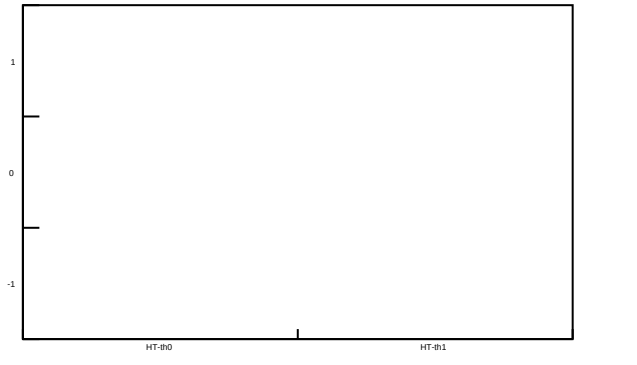
EM201-EE101Diff Entries 0

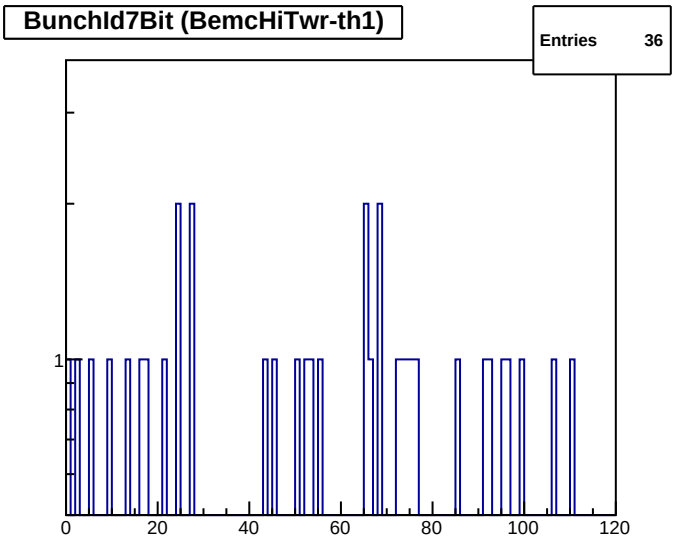


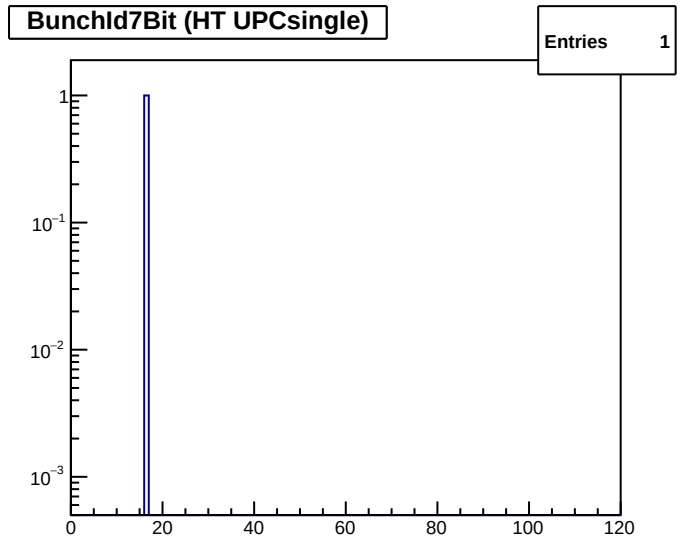
EM201-EE102 Entries 189568

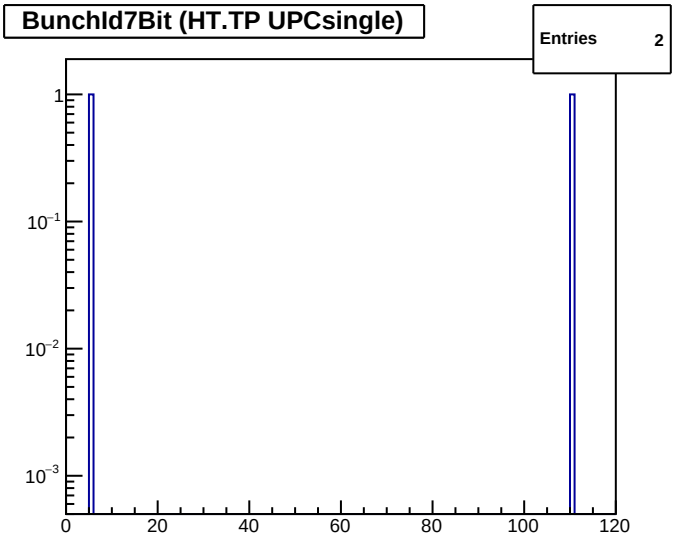


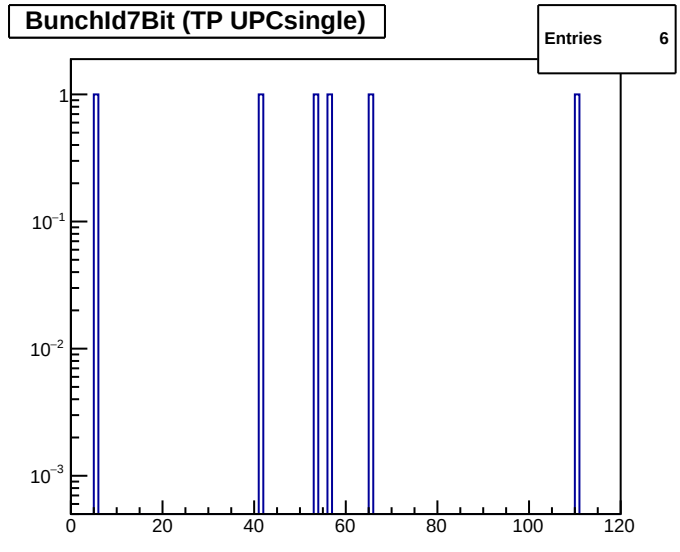
EM201-EE102Diff Entries 0

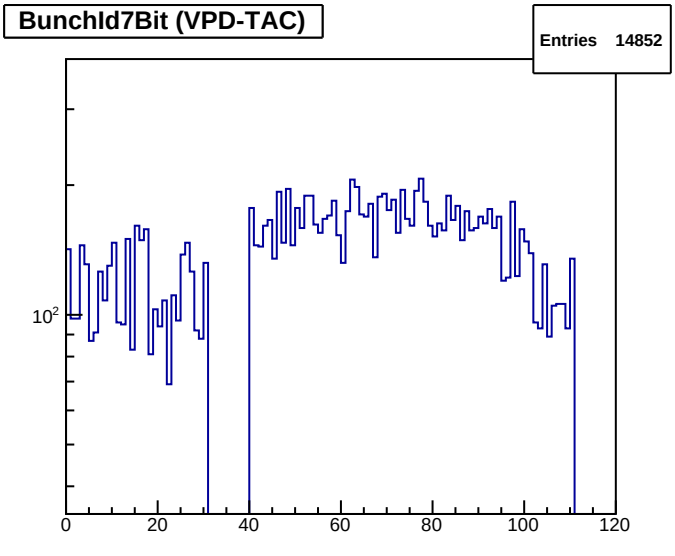


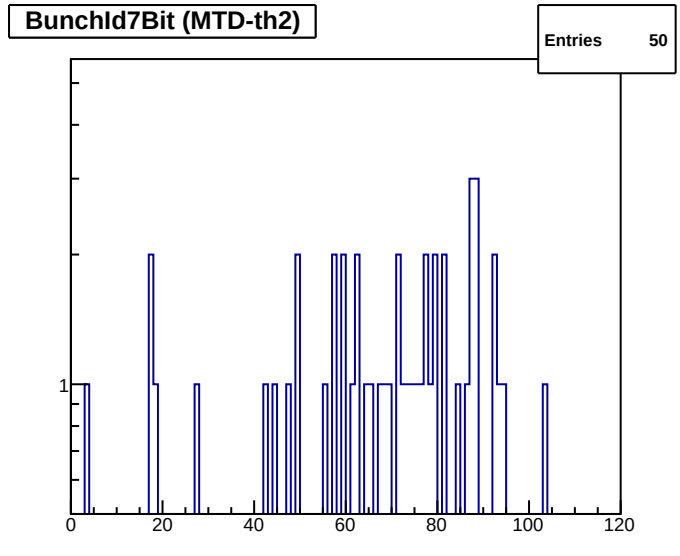

BunchId7Bit (BemcHiTwr-th1)
Entries 36
1
0 20 40 60 80 100 120

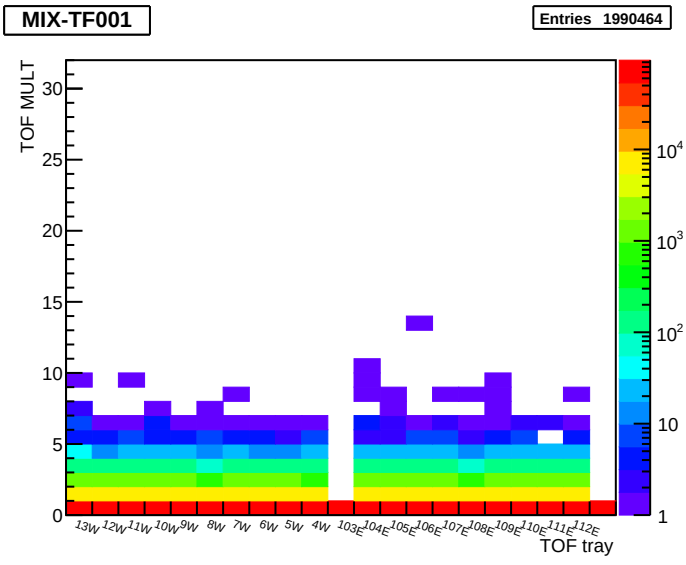

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

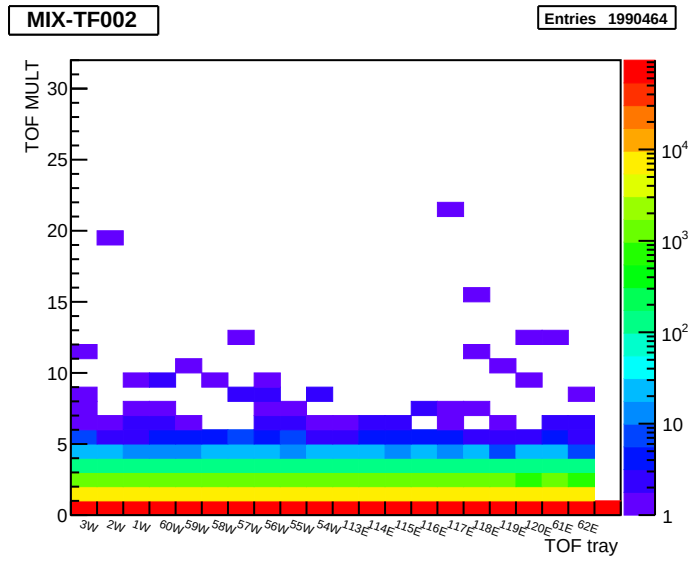

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

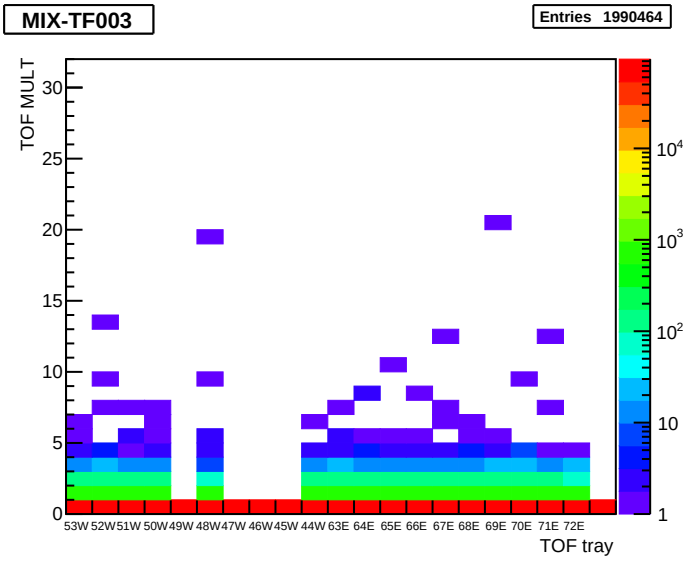

BunchId7Bit (TP UPCsingle)
Entries 6
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

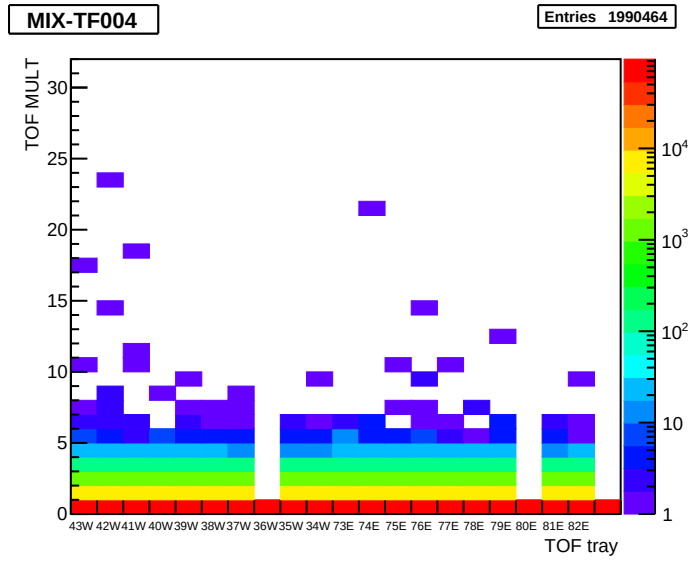

BunchId7Bit (VPD-TAC)
Entries 14852
10^{2}
0 20 40 60 80 100 120

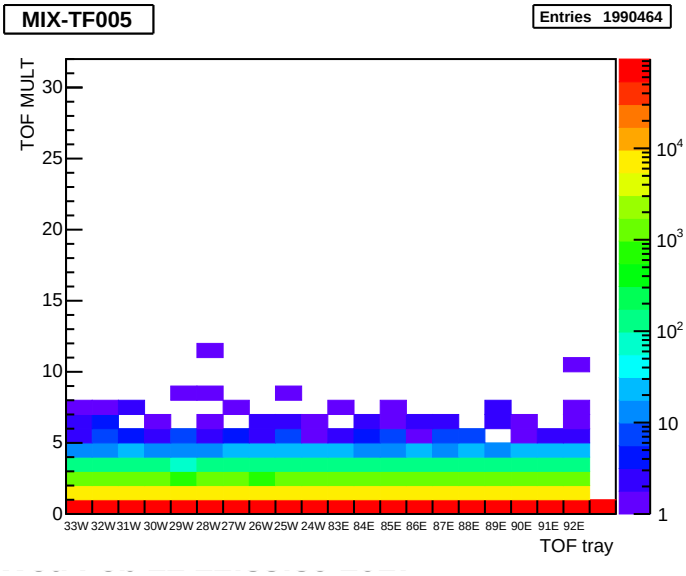

BunchId7Bit (MTD-th2)
Entries 50
1
0 20 40 60 80 100 120

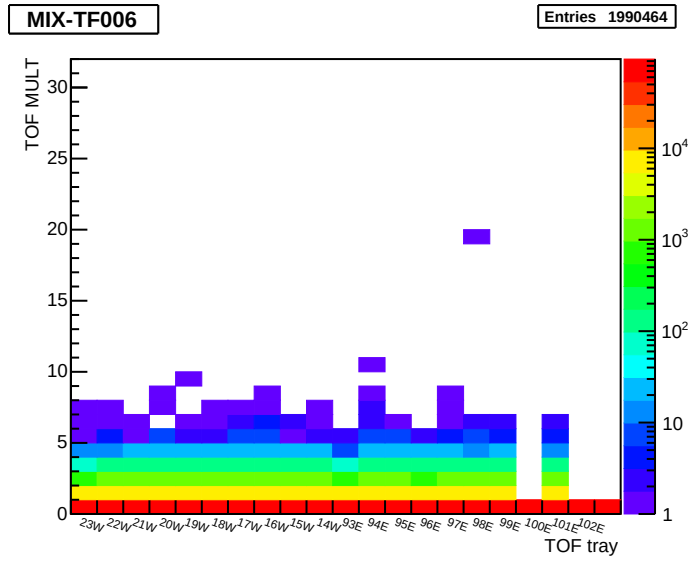

MIX-TF001
Entries 1990464
TOF MULT
TOF tray

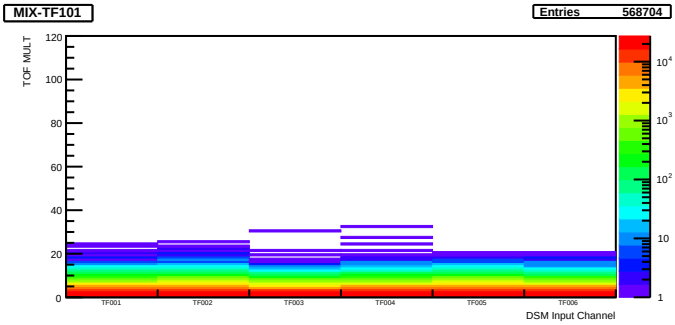

MIX-TF002
Entries 1990464
TOF MULT
TOF tray

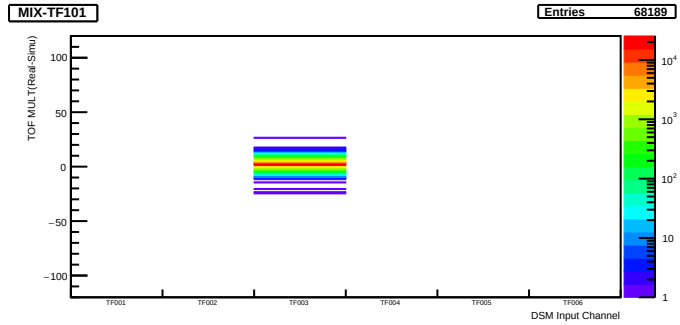

MIX-TF003
Entries 1990464
TOF MULT
TOF tray

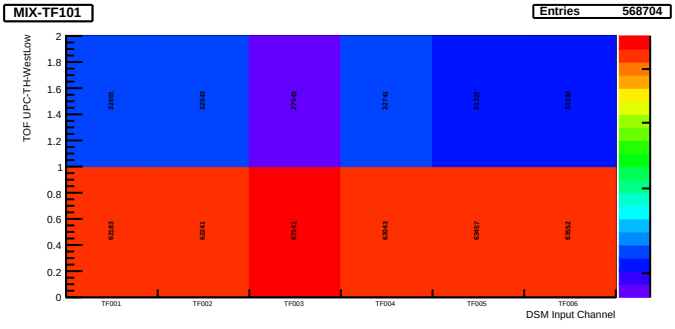

MIX-TF004
Entries 1990464
TOF MULT
TOF tray

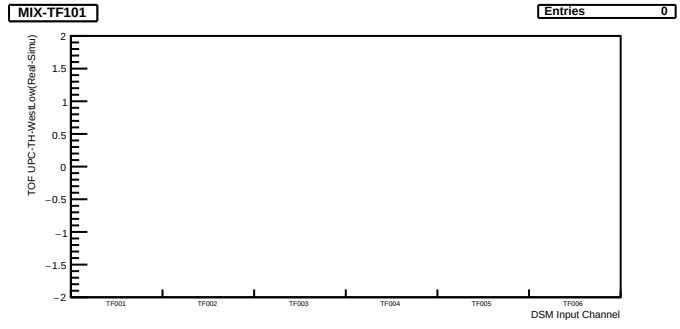

MIX-TF005
Entries 1990464
TOF MULT
TOF tray

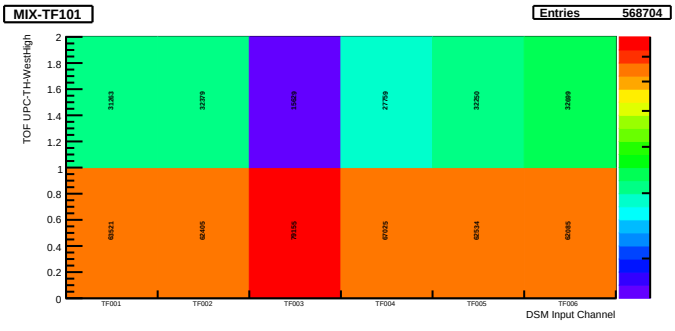

MIX-TF006
Entries 1990464
TOF MULT
TOF tray

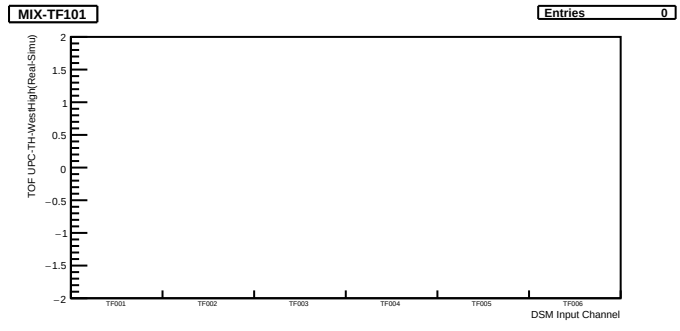

MIX-TF101
Entries 568704
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

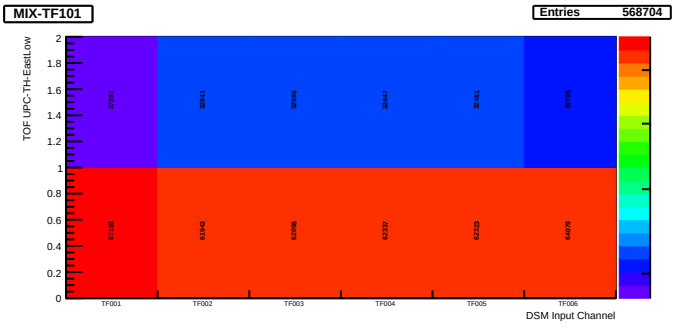

MIX-TF101
Entries 68189
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

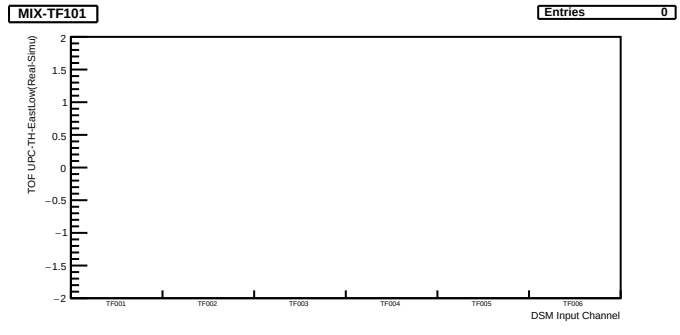

MIX-TF101
Entries 568704
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

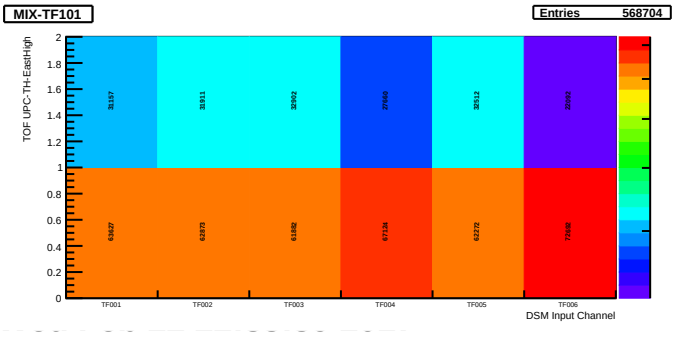

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

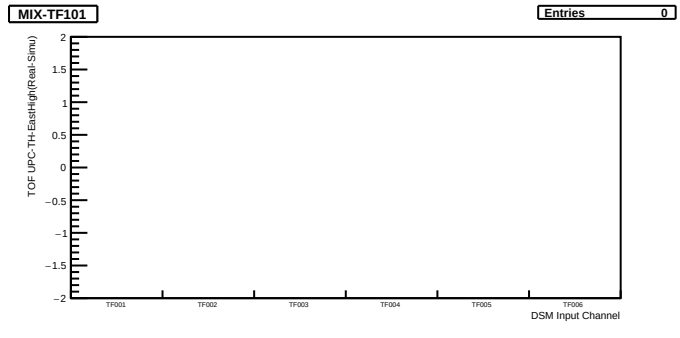

MIX-TF101
Entries 568704
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

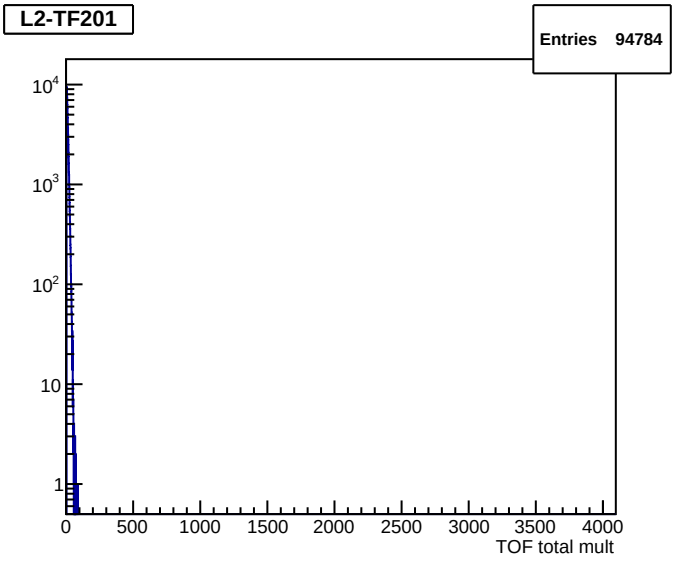

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

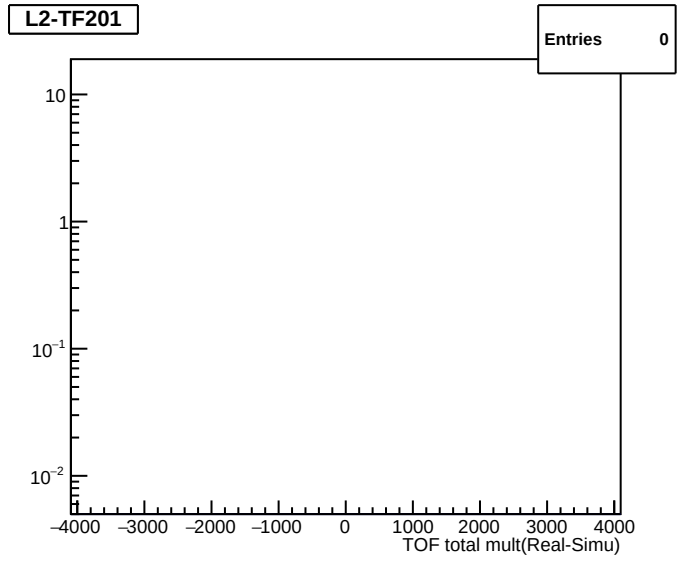

MIX-TF101
Entries 568704
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

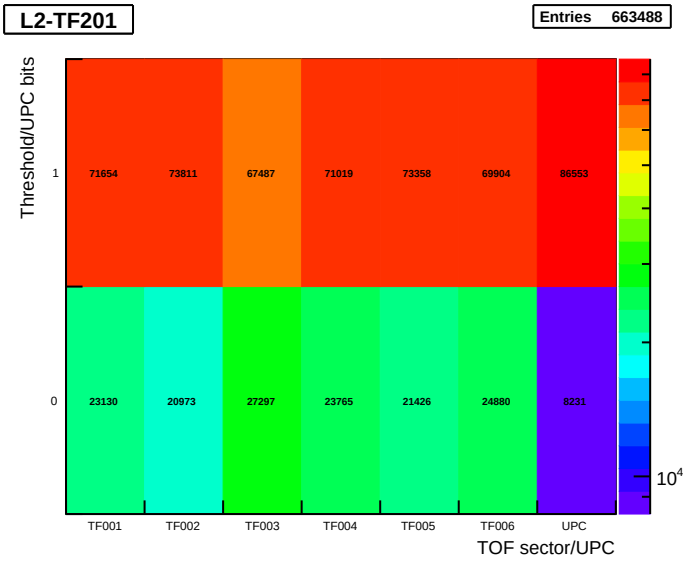

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

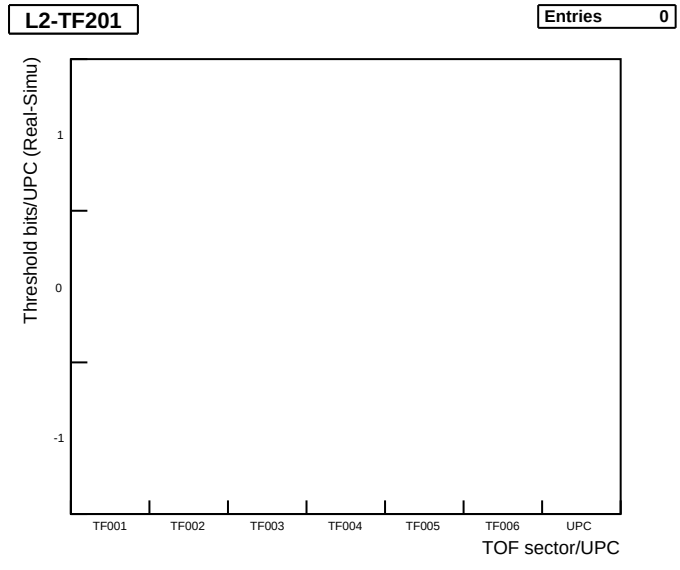

MIX-TF101
Entries 568704
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

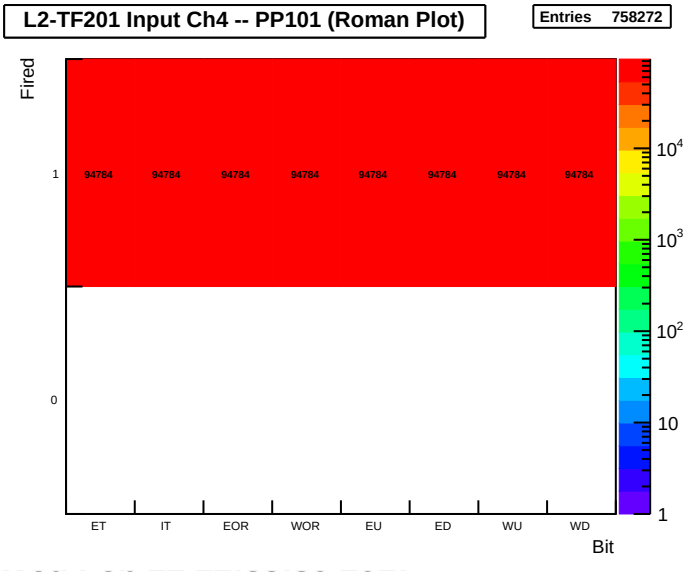

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

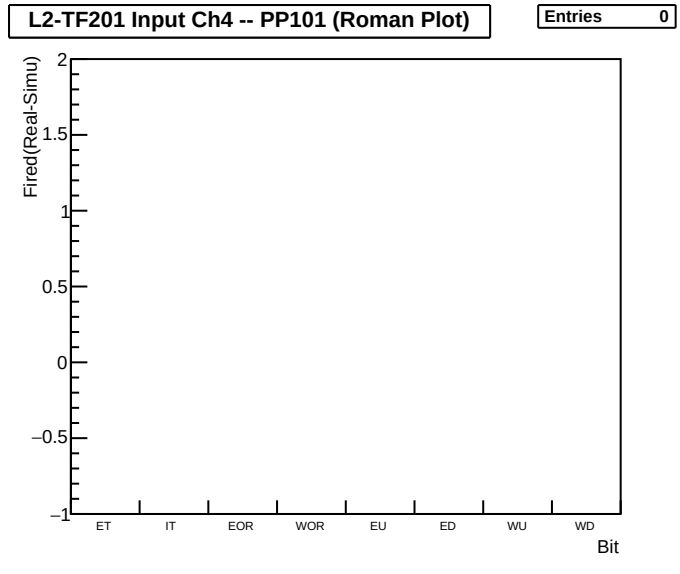

L2-TF201
Entries 94784
TOF total mult

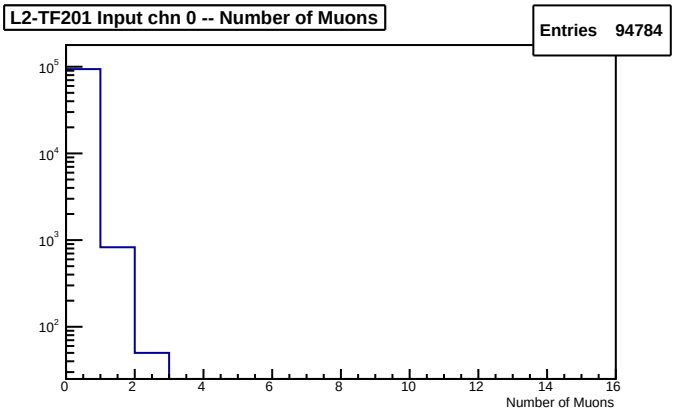

L2-TF201
Entries 0
TOF total mult(Real-Simu)

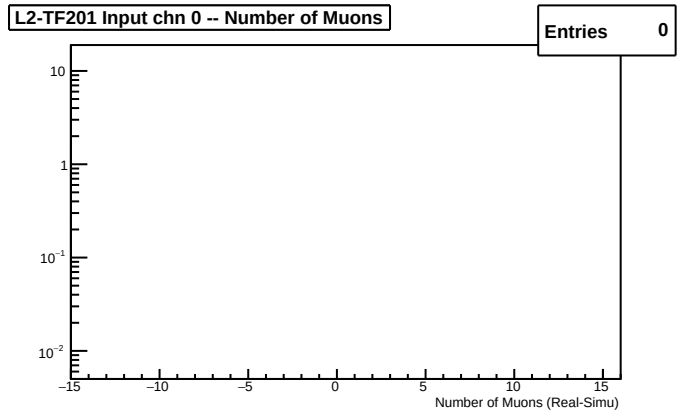

L2-TF201
Entries 663488
Threshold/UPC bits
71654
73811
67487
71019
73358
69904
86553
23130
20973
27297
23765
21426
24880
8231
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

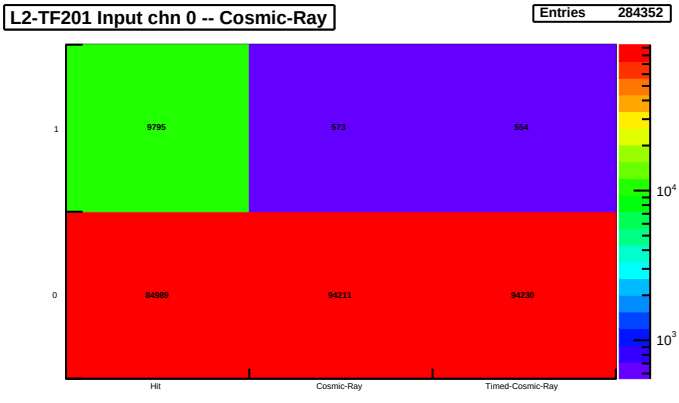

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

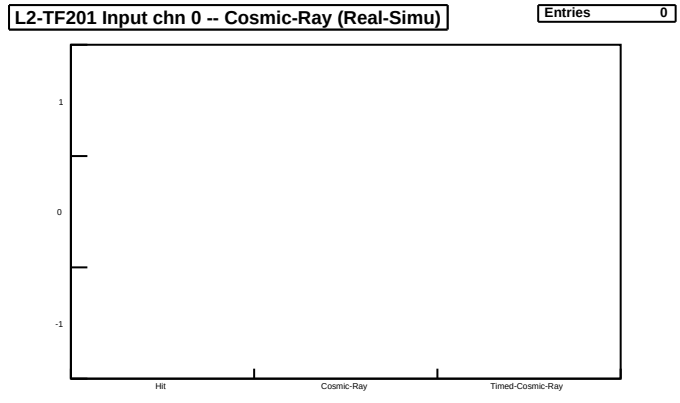

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 758272
Fired
94784
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

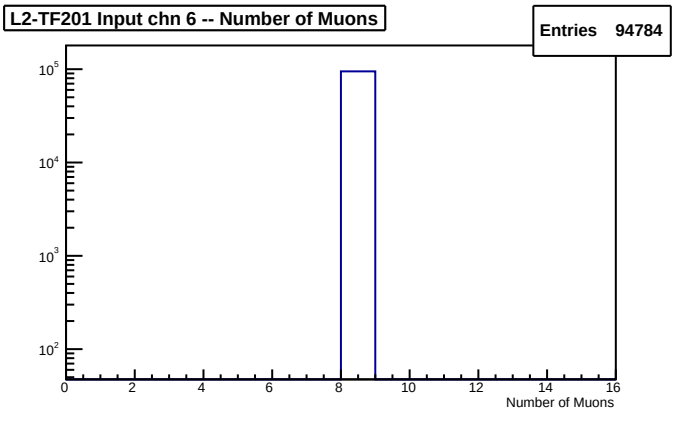

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

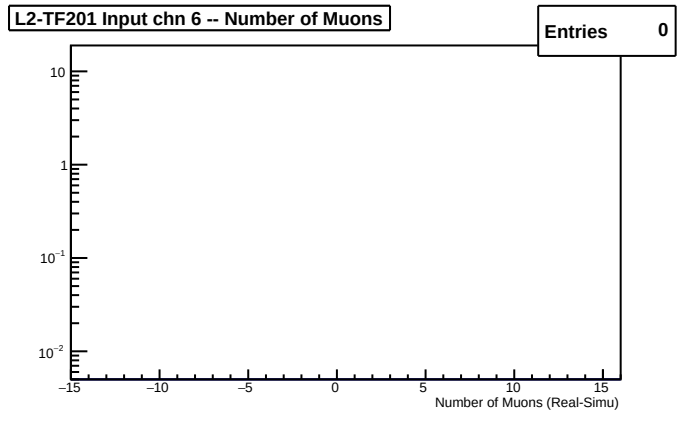

L2-TF201 Input chn 0 -- Number of Muons
Entries 94784
Number of Muons

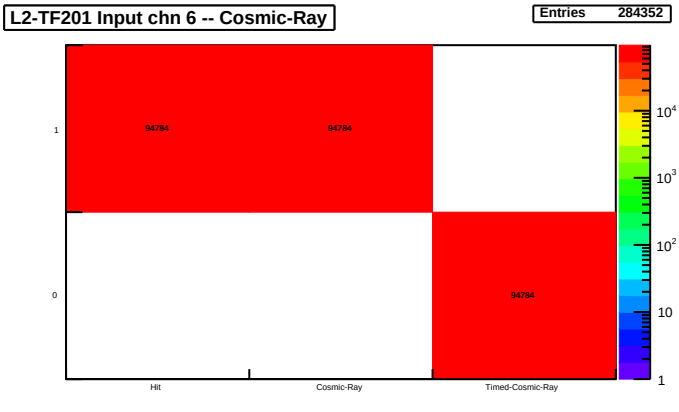

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

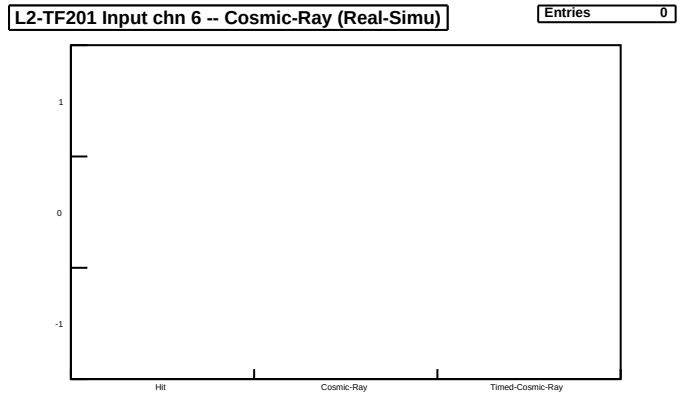

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 284352
9795
573
554
84989
94211
94230
Hit
Cosmic-Ray
Timed-Cosmic-Ray

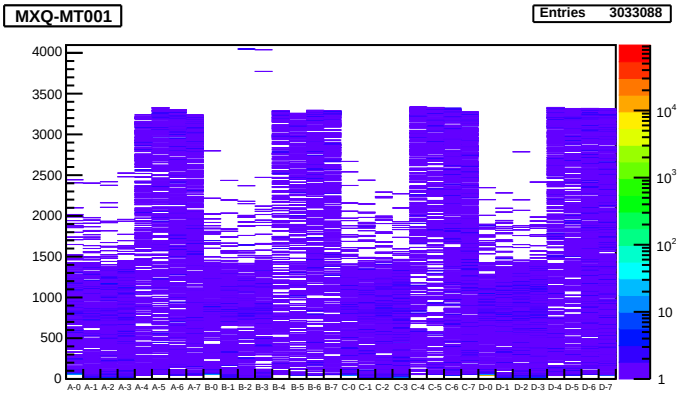

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

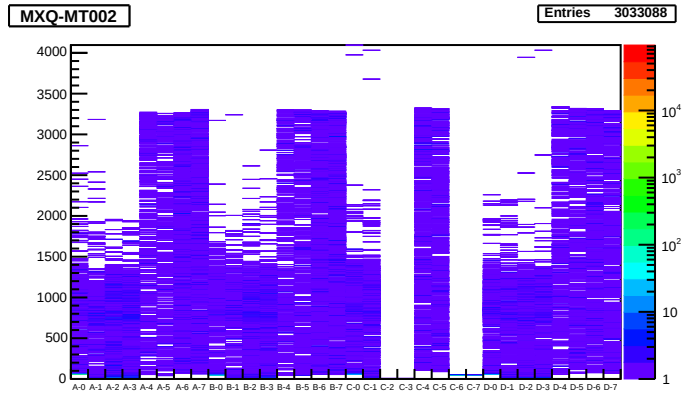

L2-TF201 Input chn 6 -- Number of Muons
Entries 94784
Number of Muons

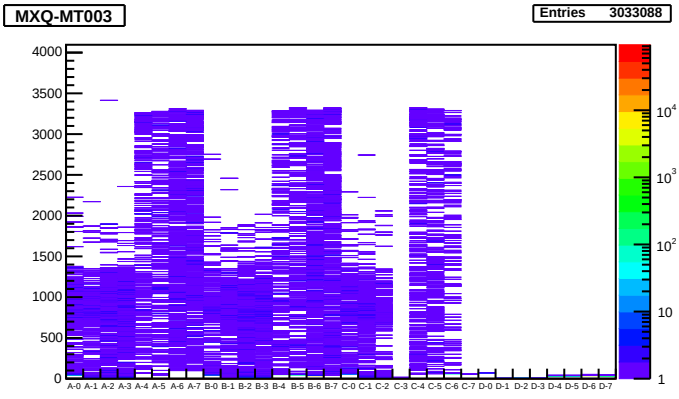

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

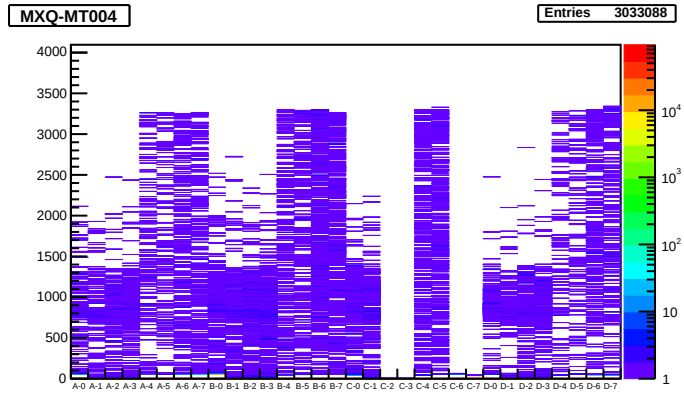

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 284352
94784
94784
94784
Hit
Cosmic-Ray
Timed-Cosmic-Ray

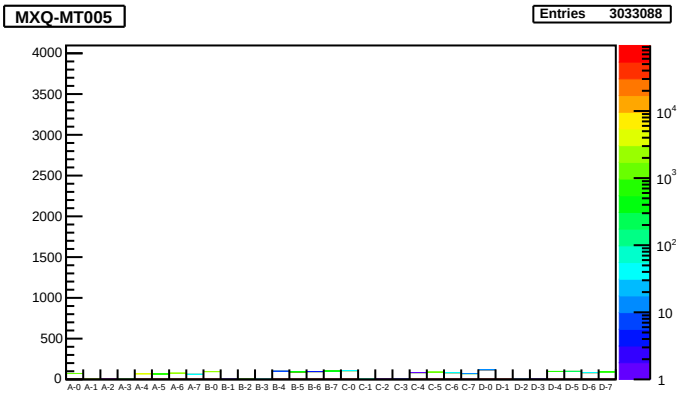

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

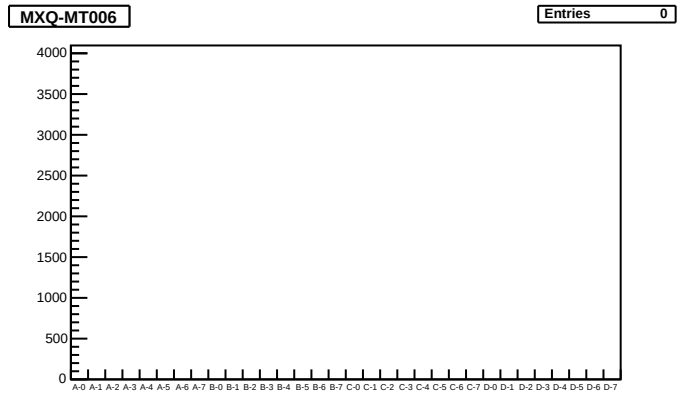

MXQ-MT001
Entries 3033088

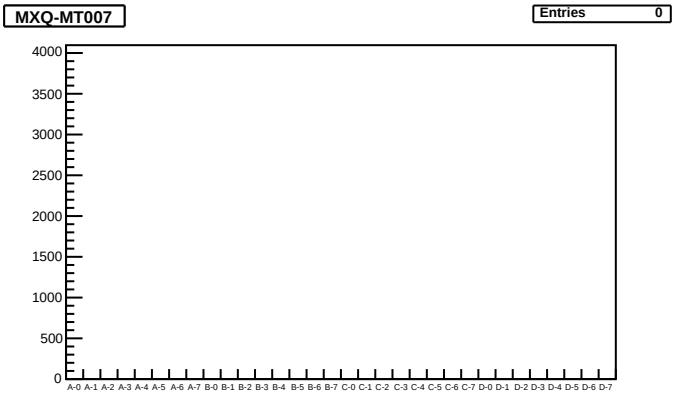

MXQ-MT002
Entries 3033088

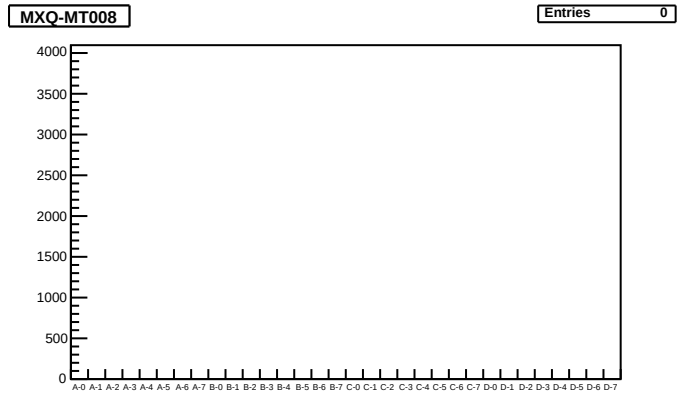

MXQ-MT003
Entries 3033088

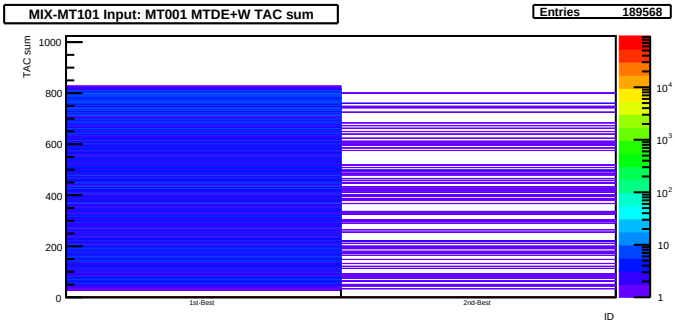

MXQ-MT004
Entries 3033088

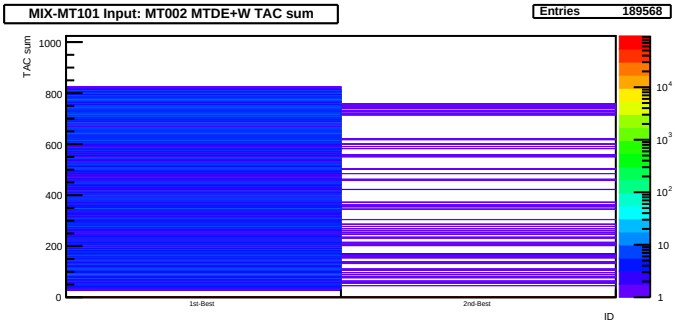

MXQ-MT005
Entries 3033088

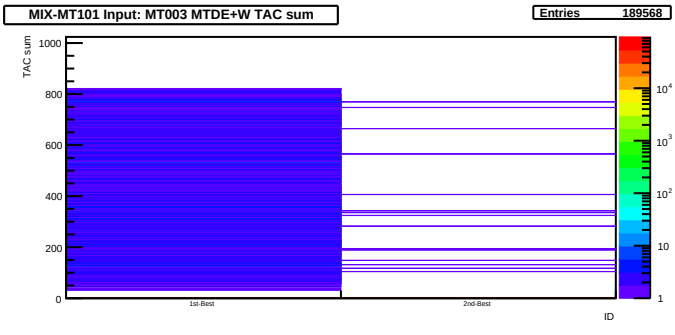

MXQ-MT006
Entries 0

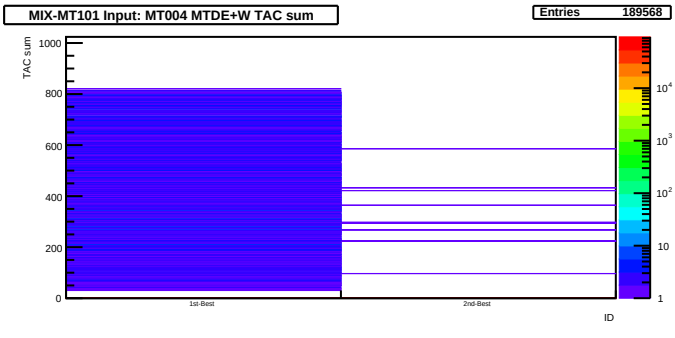

MXQ-MT007
Entries 0

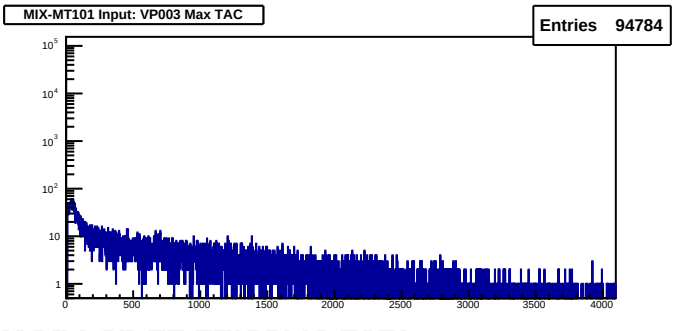

MXQ-MT008
Entries 0

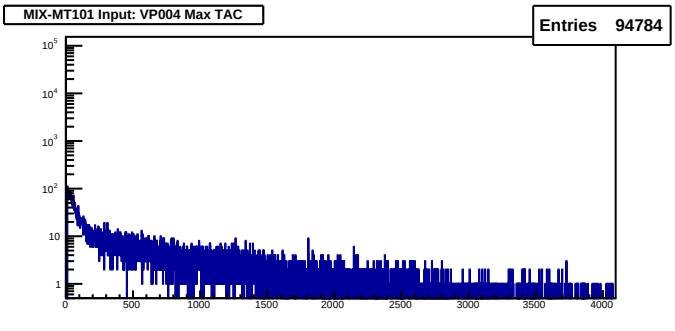

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

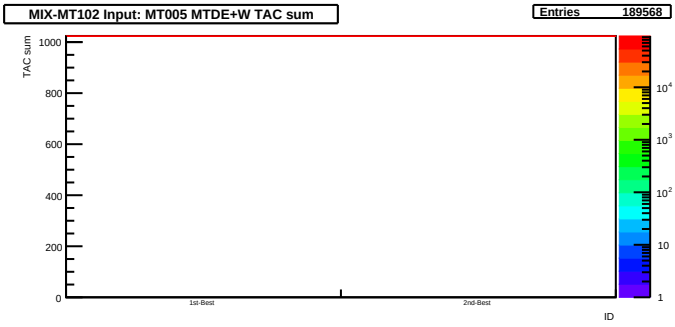

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

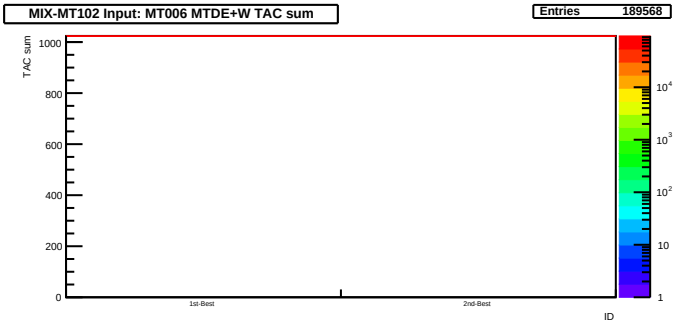

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

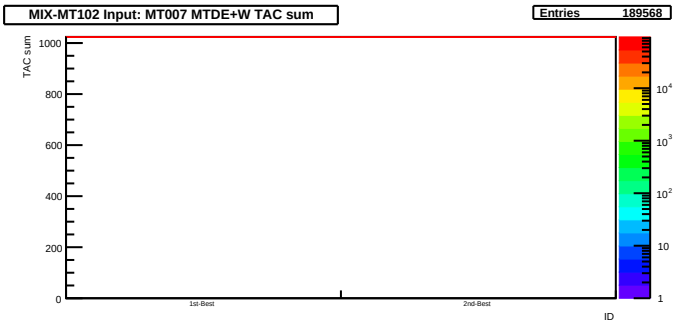

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

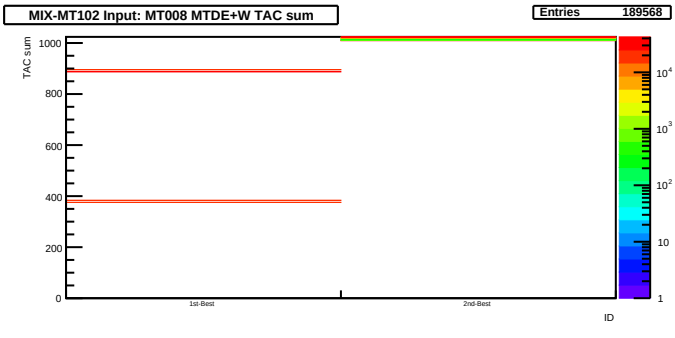

MIX-MT101 Input: VP003 Max TAC
Entries 94784

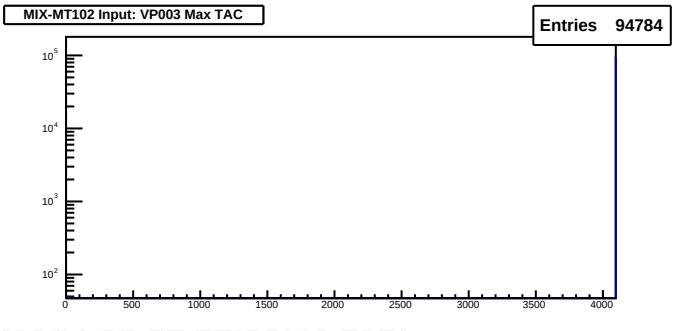

MIX-MT101 Input: VP004 Max TAC
Entries 94784

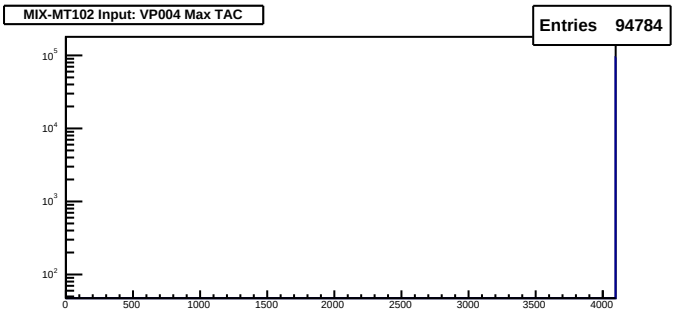

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

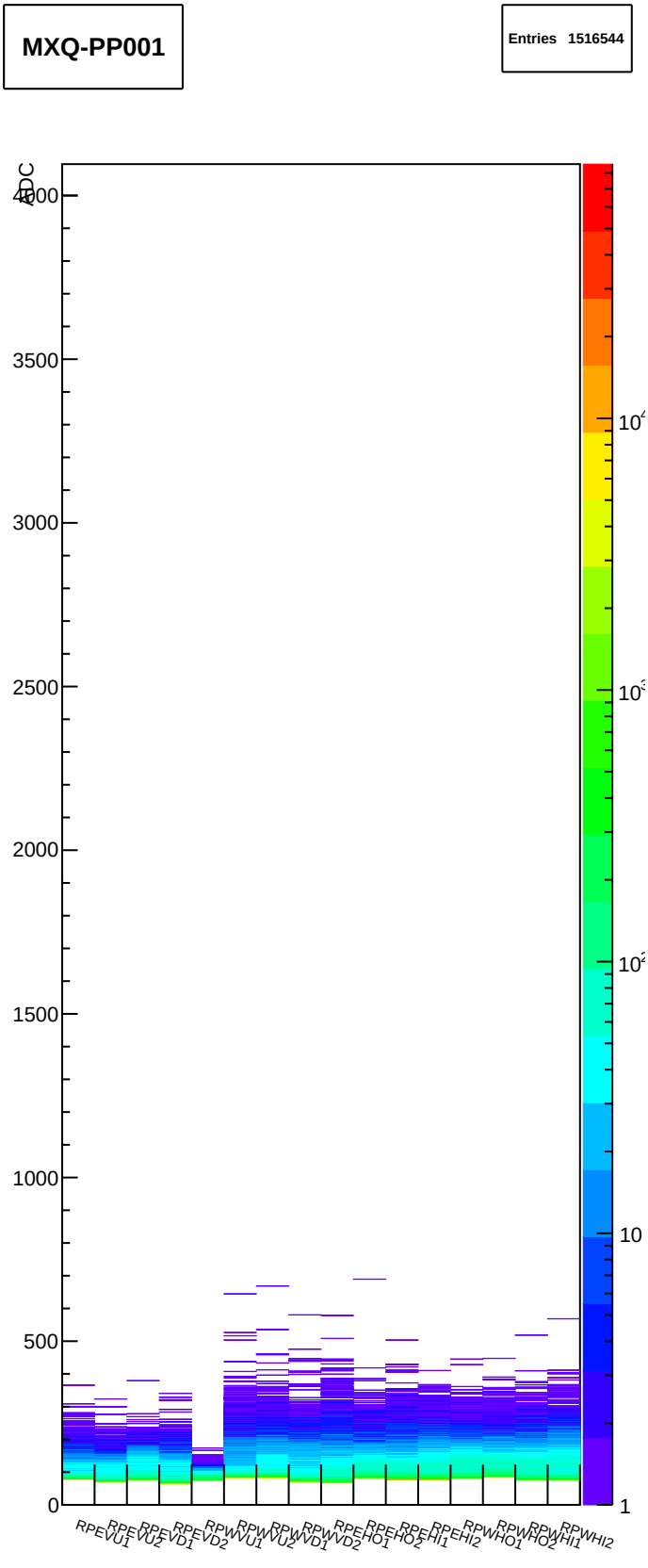

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

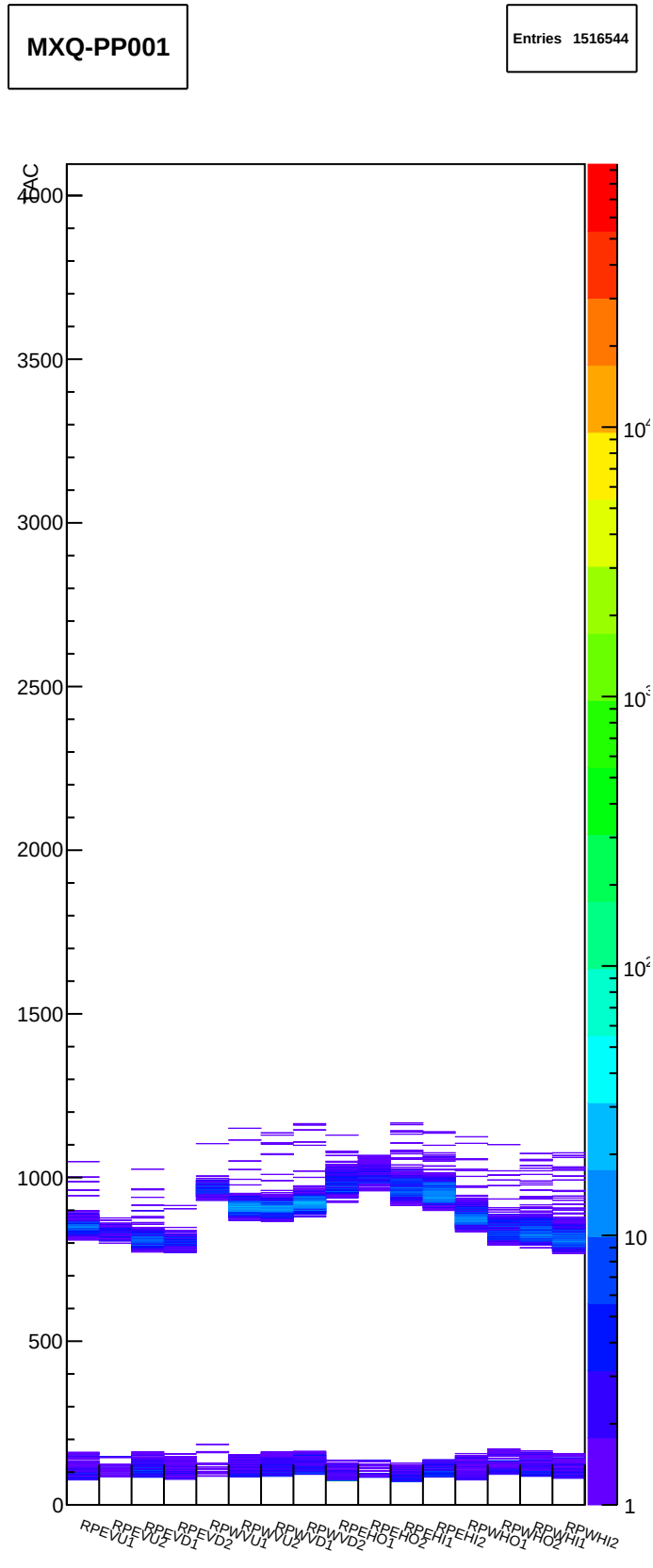

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

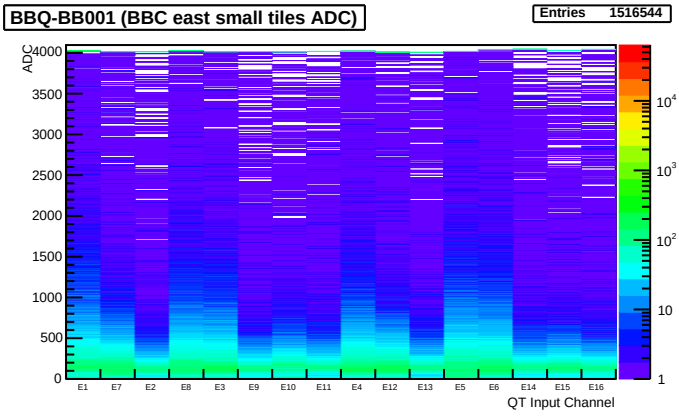

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 189568
TAC sum
1st-Best
2nd-Best
ID

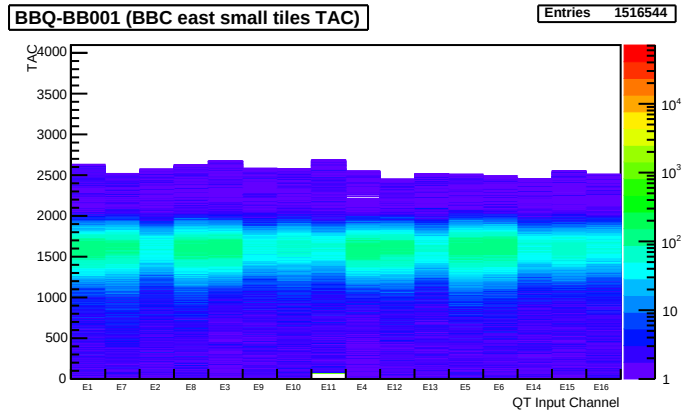

MIX-MT102 Input: VP003 Max TAC
Entries 94784

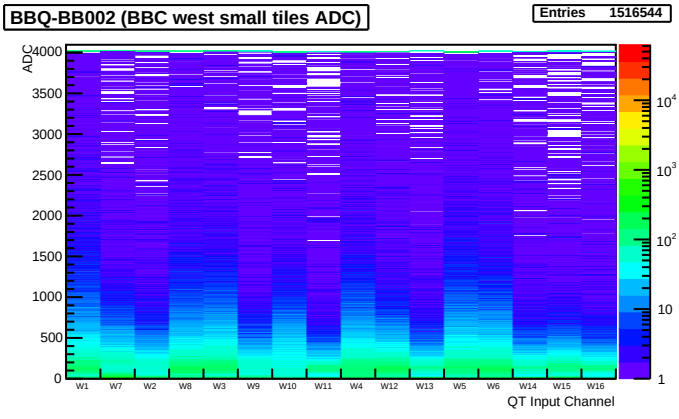

MIX-MT102 Input: VP004 Max TAC
Entries 94784

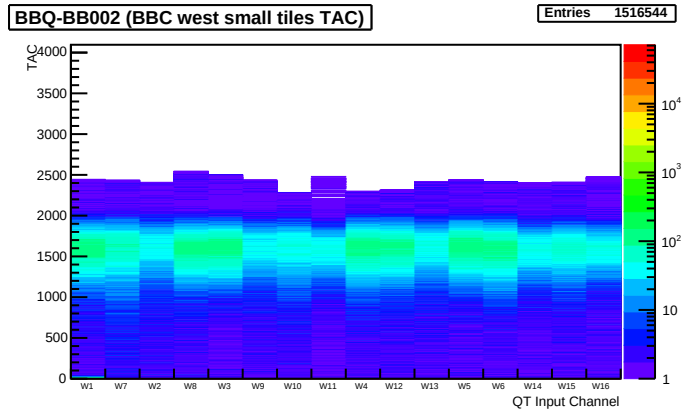

MXQ-PP001
Entries 1516544
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

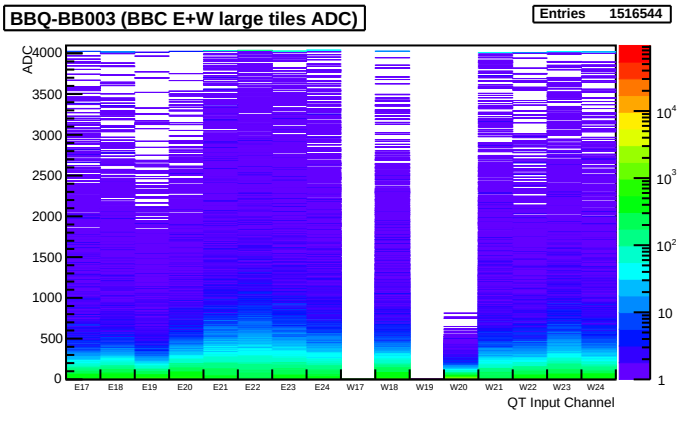

MXQ-PP001
Entries 1516544
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

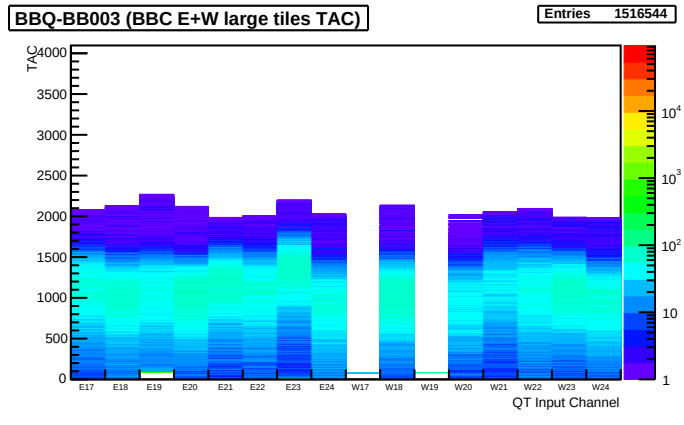

BBQ-BB001 (BBC east small tiles ADC)
Entries 1516544
ADC
QT Input Channel

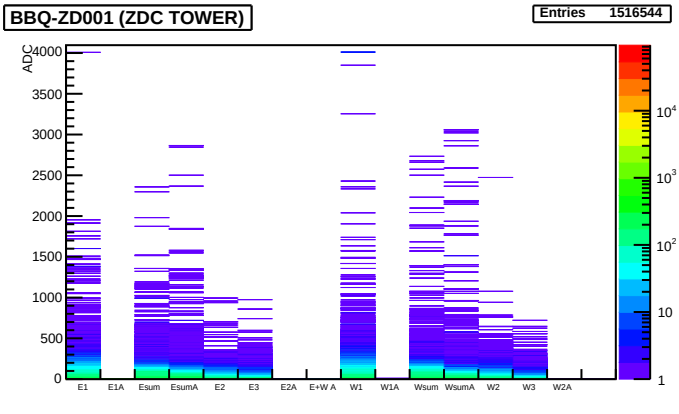

BBQ-BB001 (BBC east small tiles TAC)
Entries 1516544
TAC
QT Input Channel

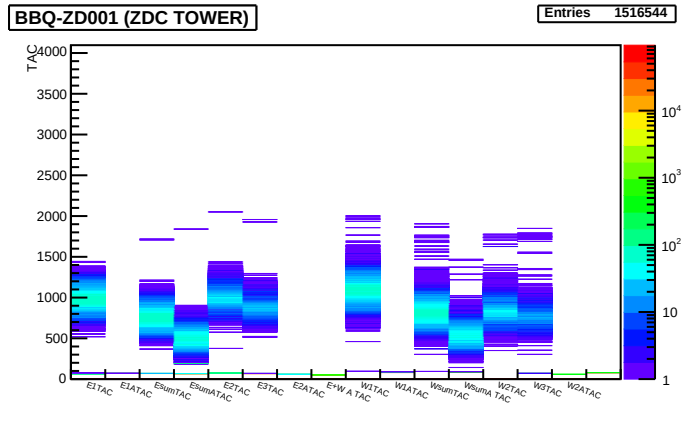

BBQ-BB002 (BBC west small tiles ADC)
Entries 1516544
ADC
QT Input Channel

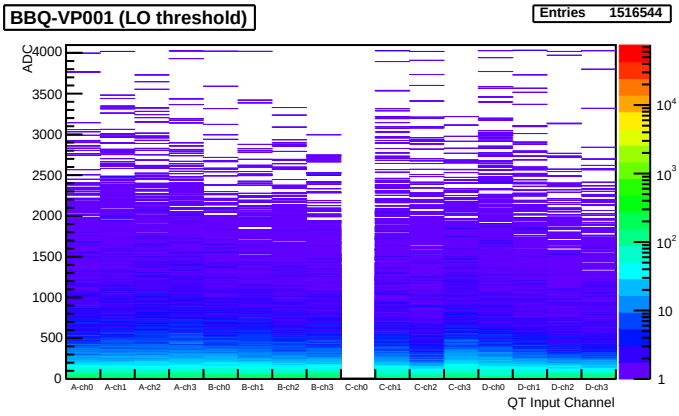

BBQ-BB002 (BBC west small tiles TAC)
Entries 1516544
TAC
QT Input Channel

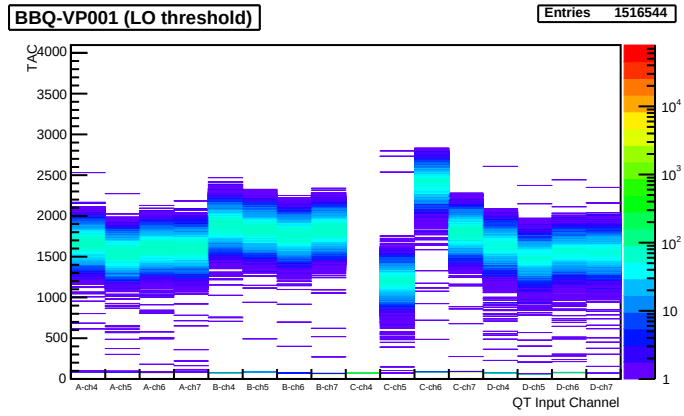

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1516544
ADC
QT Input Channel

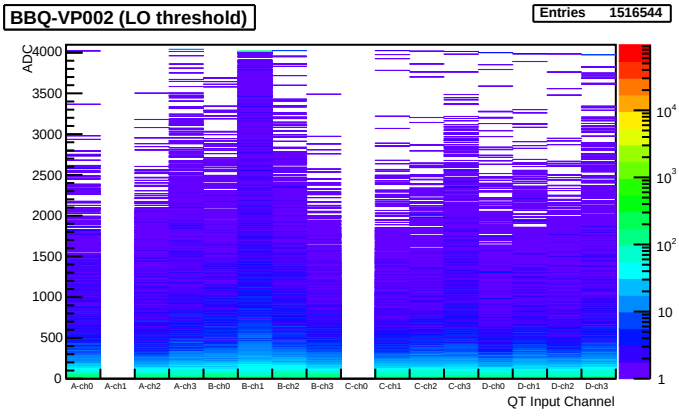

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1516544
TAC
QT Input Channel

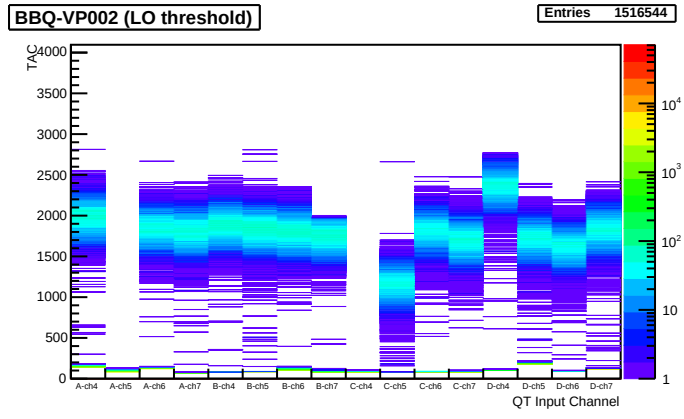

BBQ-ZD001 (ZDC TOWER)
Entries 1516544
ADC

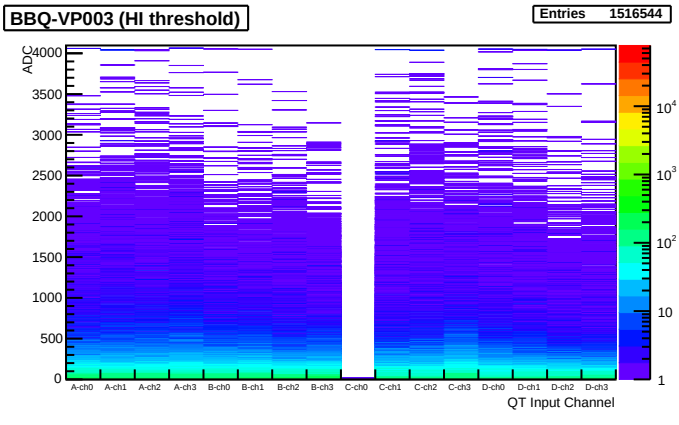

BBQ-ZD001 (ZDC TOWER)
Entries 1516544
TAC

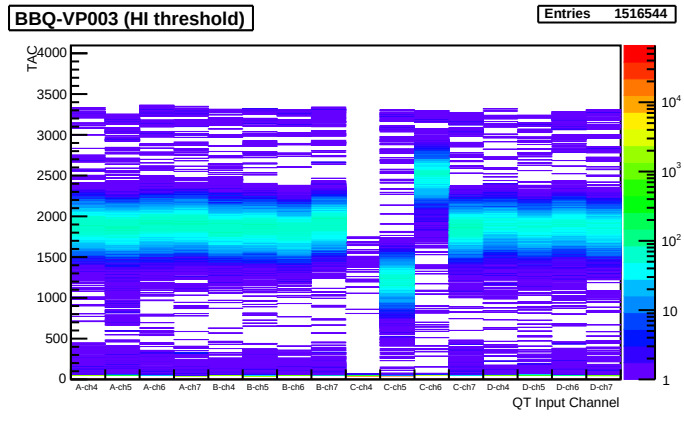

BBQ-VP001 (LO threshold)
Entries 1516544
ADC
QT Input Channel

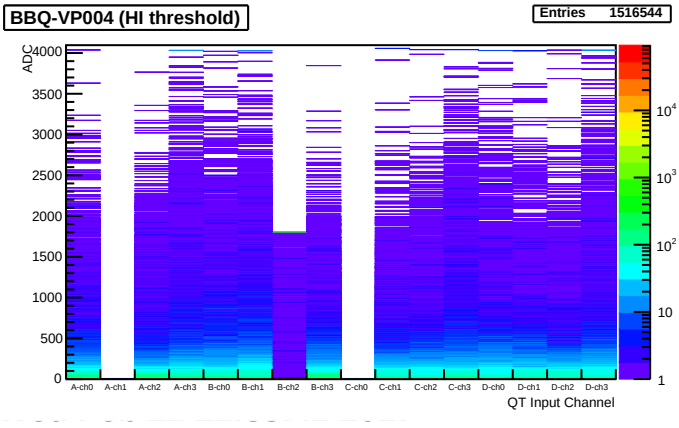

BBQ-VP001 (LO threshold)
Entries 1516544
TAC
QT Input Channel

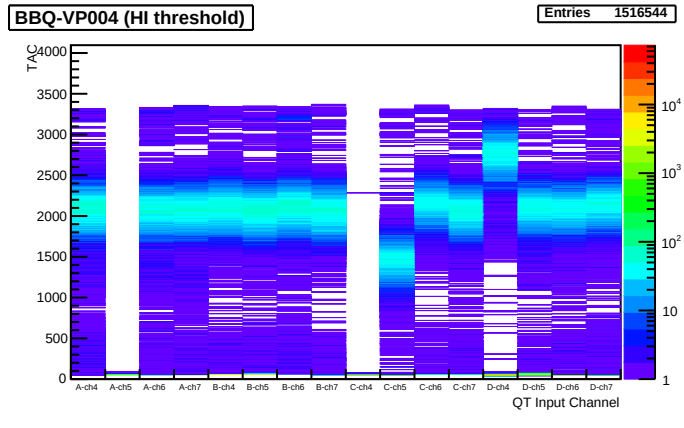

BBQ-VP002 (LO threshold)
Entries 1516544
ADC
QT Input Channel

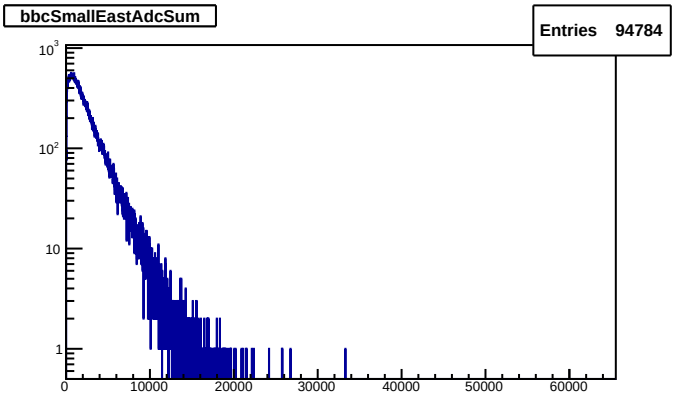

BBQ-VP002 (LO threshold)
Entries 1516544
TAC
QT Input Channel

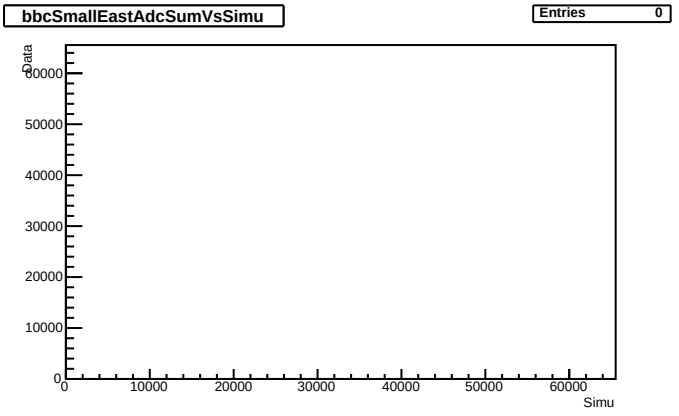

BBQ-VP003 (HI threshold)
Entries 1516544
ADC
QT Input Channel

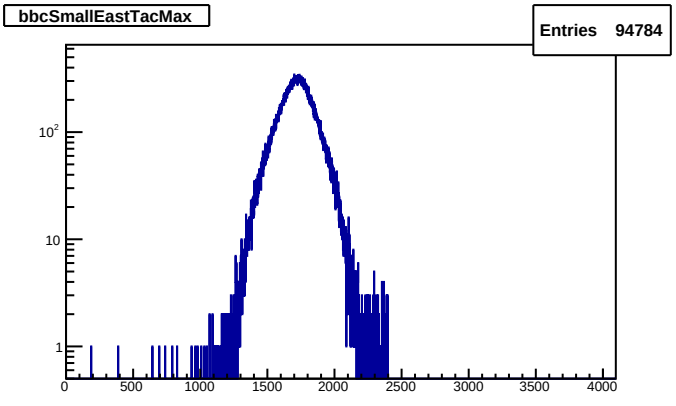

BBQ-VP003 (HI threshold)
Entries 1516544
TAC
QT Input Channel

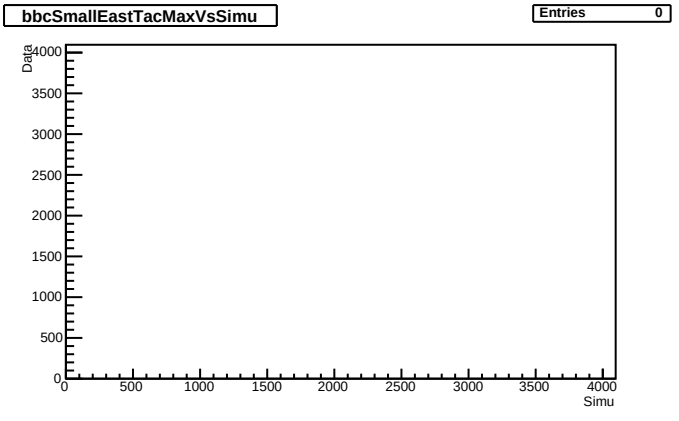

BBQ-VP004 (HI threshold)
Entries 1516544
ADC
QT Input Channel

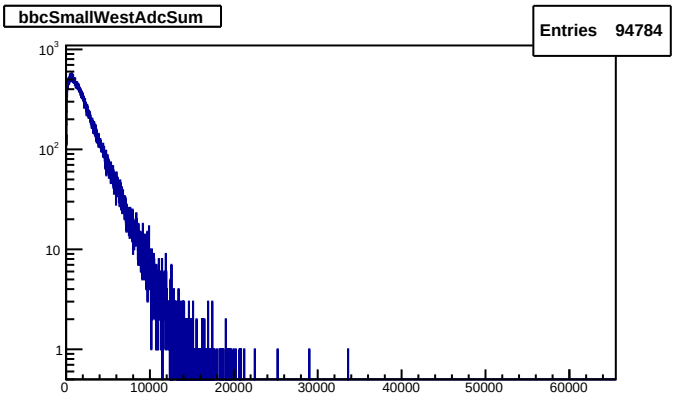

BBQ-VP004 (HI threshold)
Entries 1516544
TAC
QT Input Channel

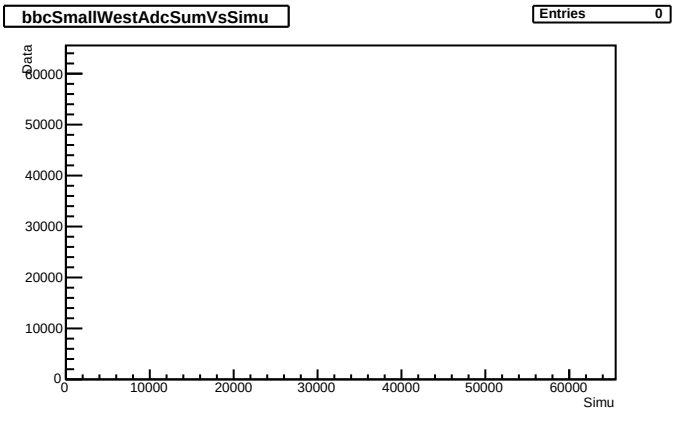

bbcSmallEastAdcSum
Entries 94784

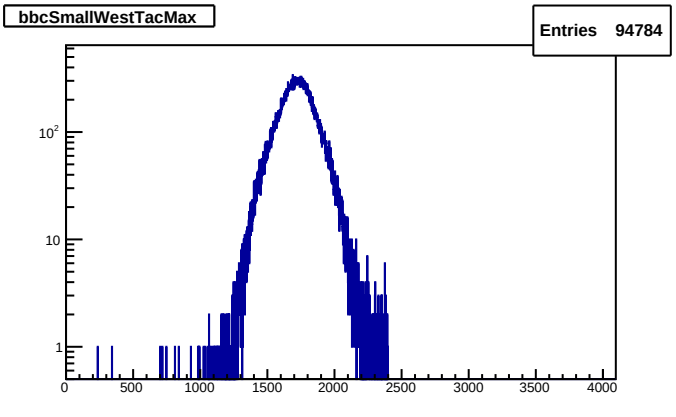

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

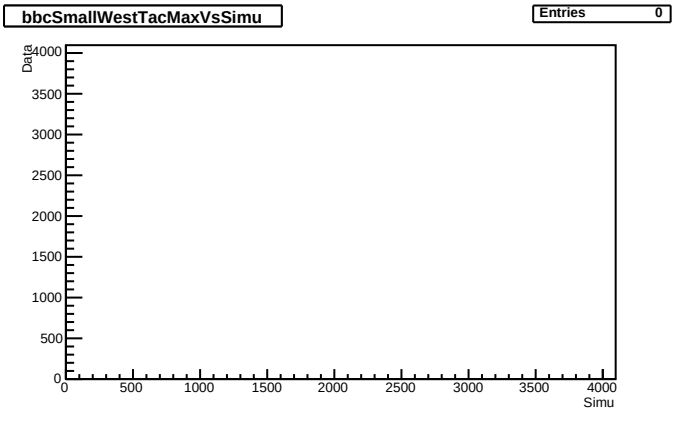

bbcSmallEastTacMax
Entries 94784

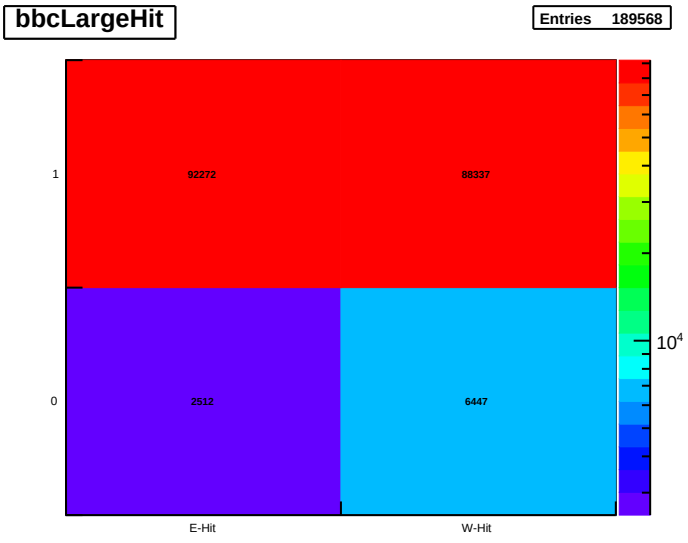

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

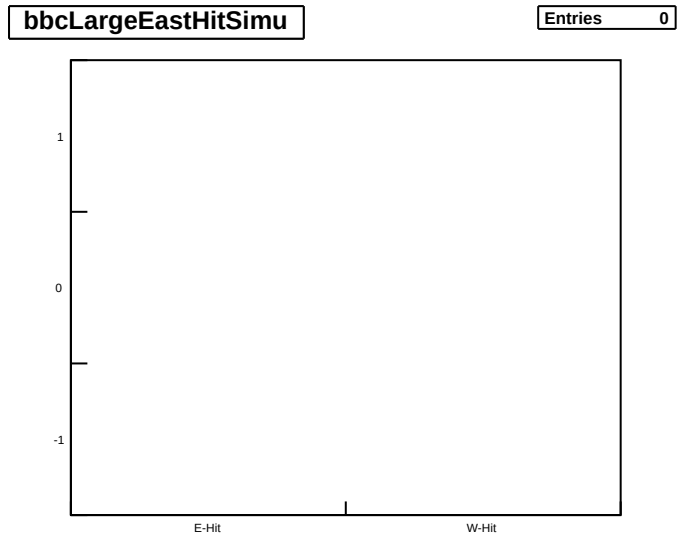

bbcSmallWestAdcSum
Entries 94784

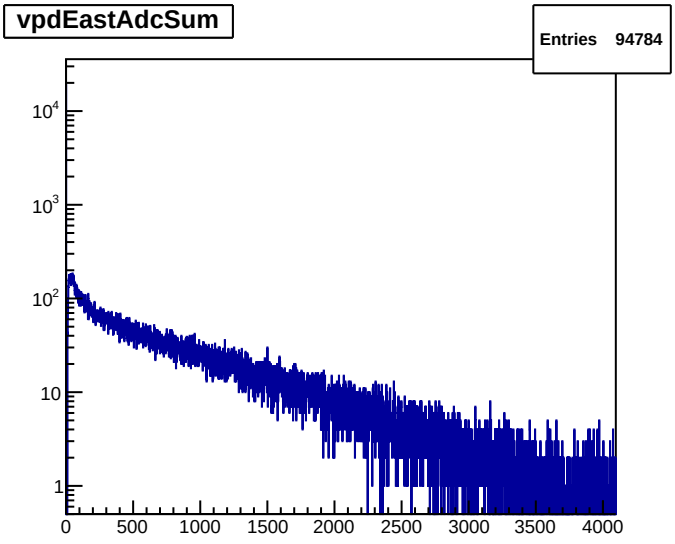

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

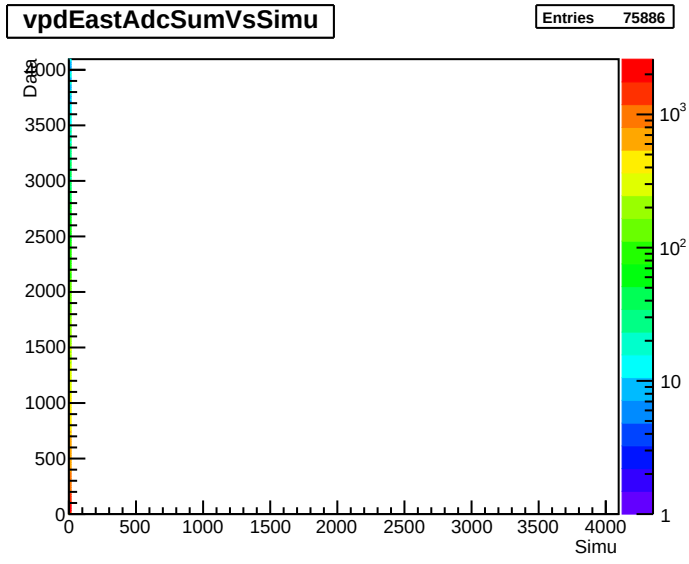

bbcSmallWestTacMax
Entries 94784

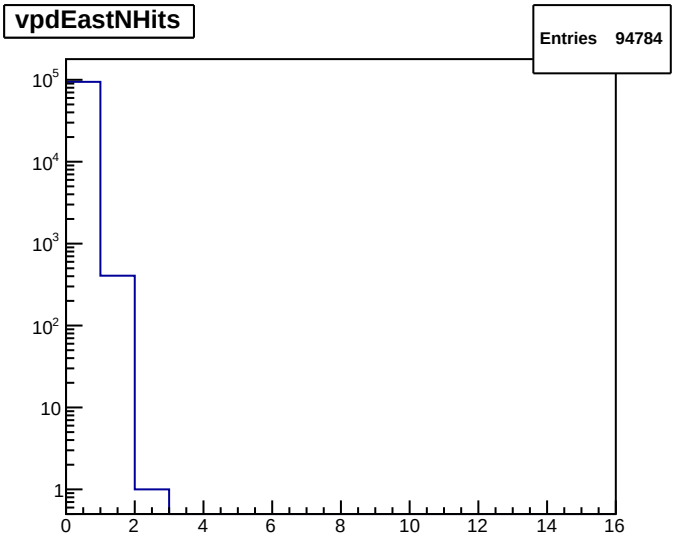

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

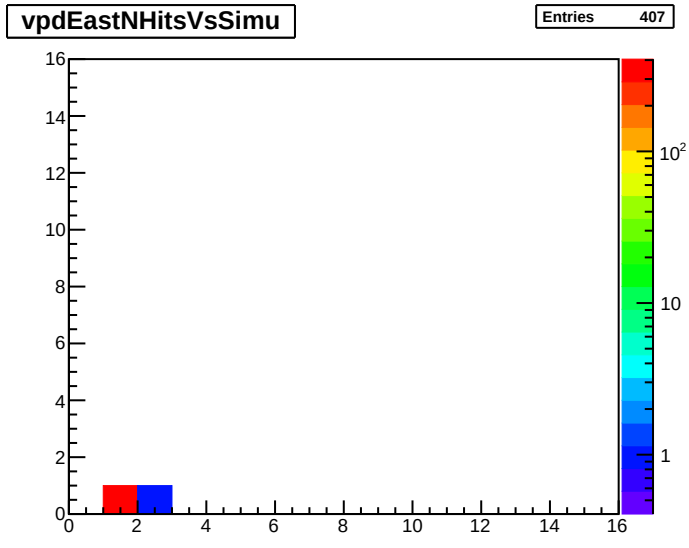

bbcLargeHit
Entries 189568
1
0
92272
88337
2512
6447
E-Hit
W-Hit
10^4

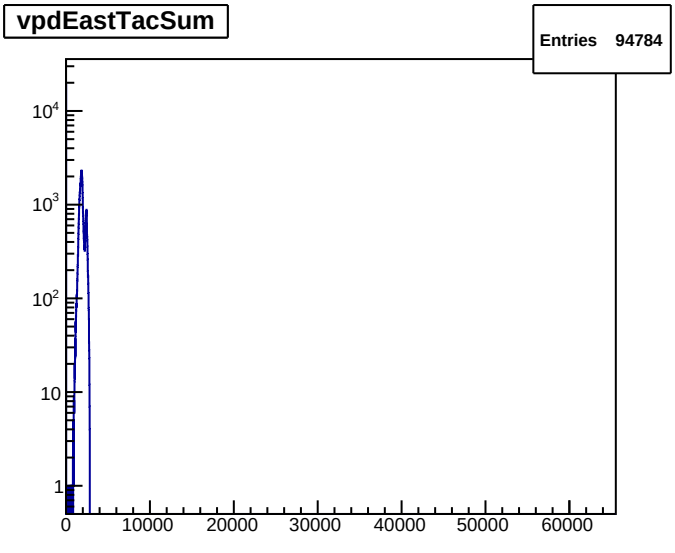

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

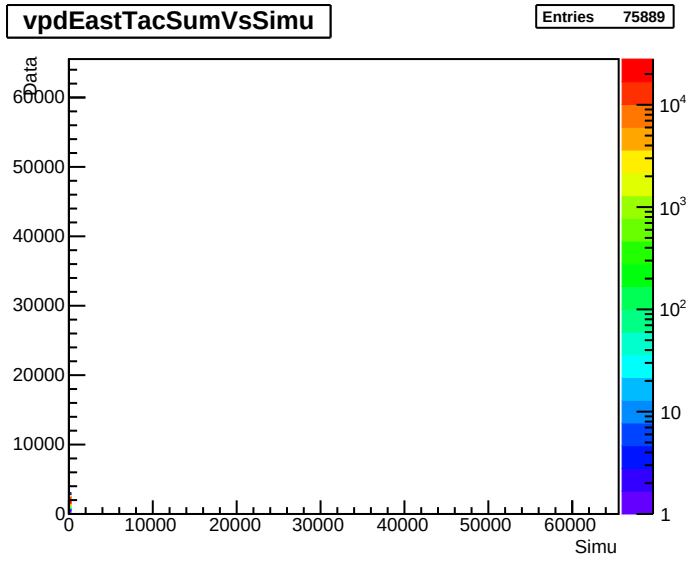

vpdEastAdcSum
Entries 94784

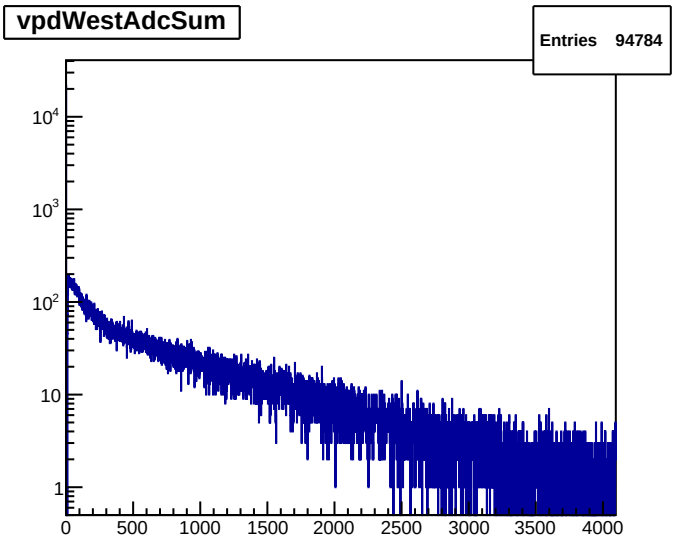

vpdEastAdcSumVsSimu
Entries 75886
Data
Simu

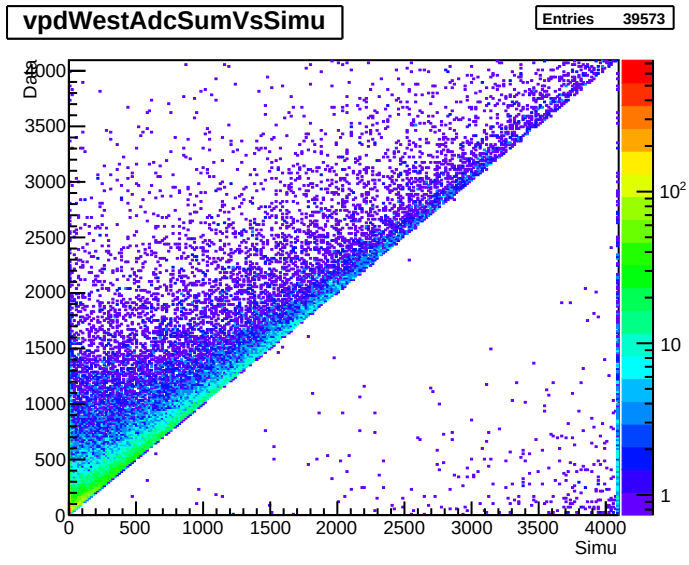

vpdEastNHits
Entries 94784

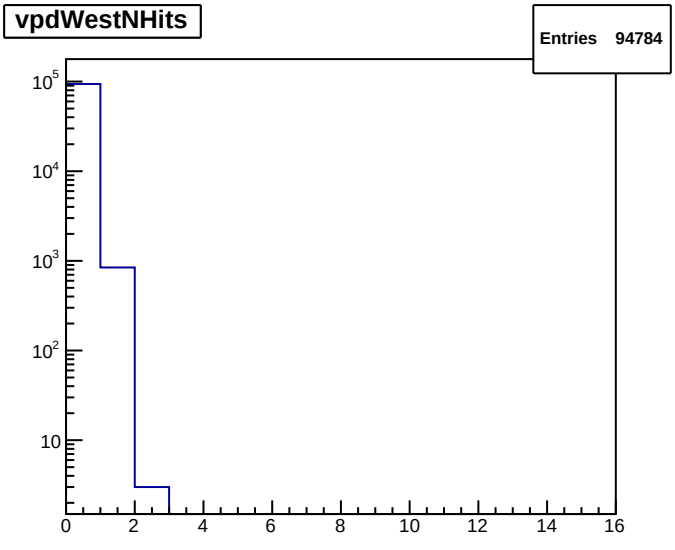

vpdEastNHitsVsSimu
Entries 407

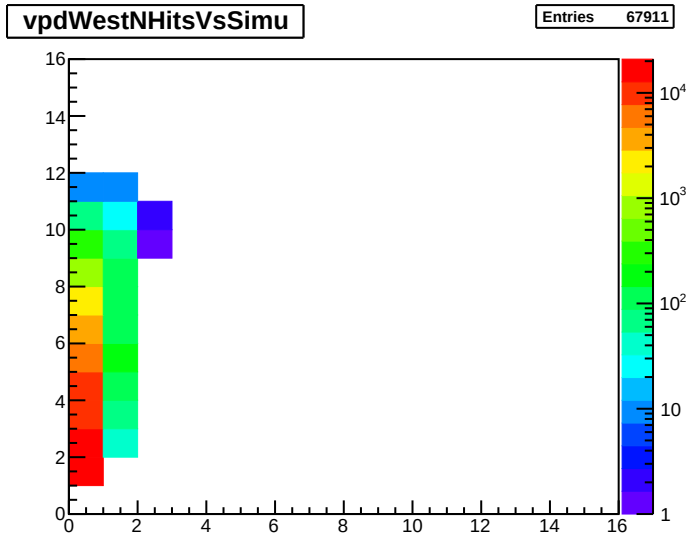

vpdEastTacSum
Entries 94784

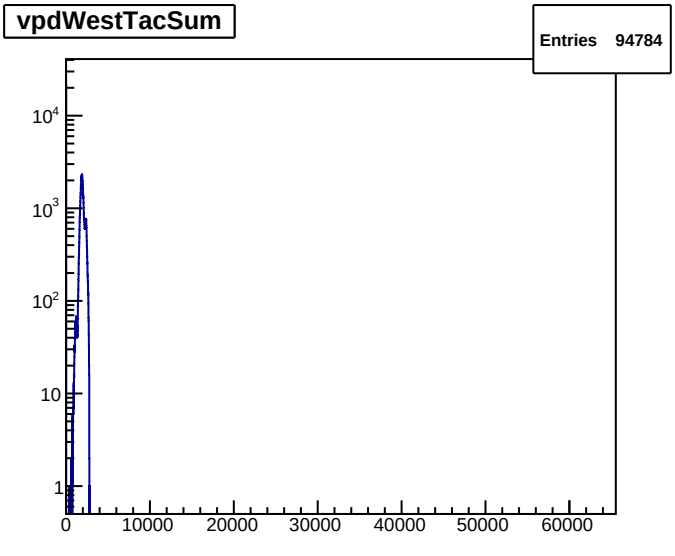

vpdEastTacSumVsSimu
Entries 75889
Data
Simu

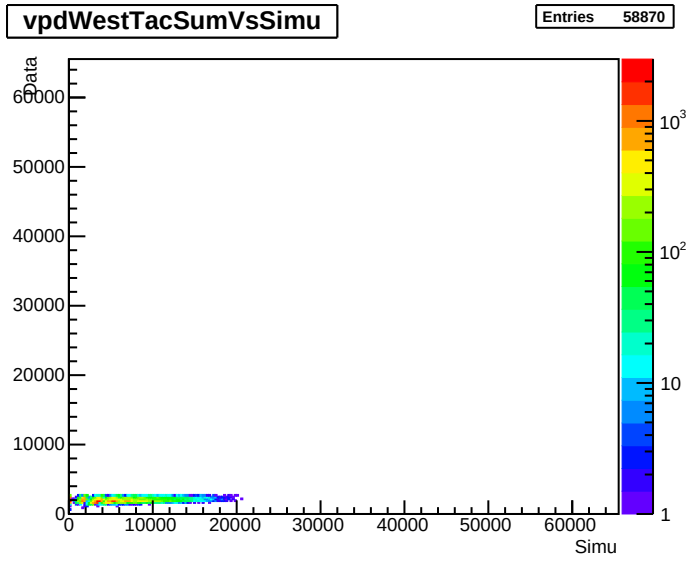

vpdWestAdcSum
Entries 94784

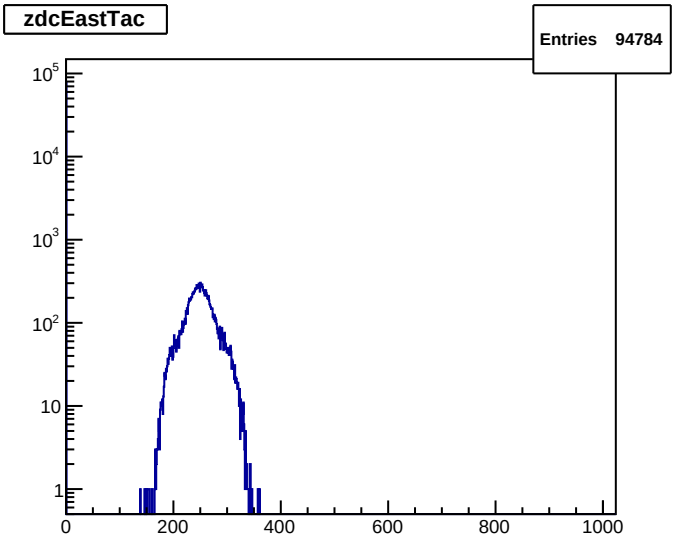

vpdWestAdcSumVsSimu
Entries 39573
Data
Simu

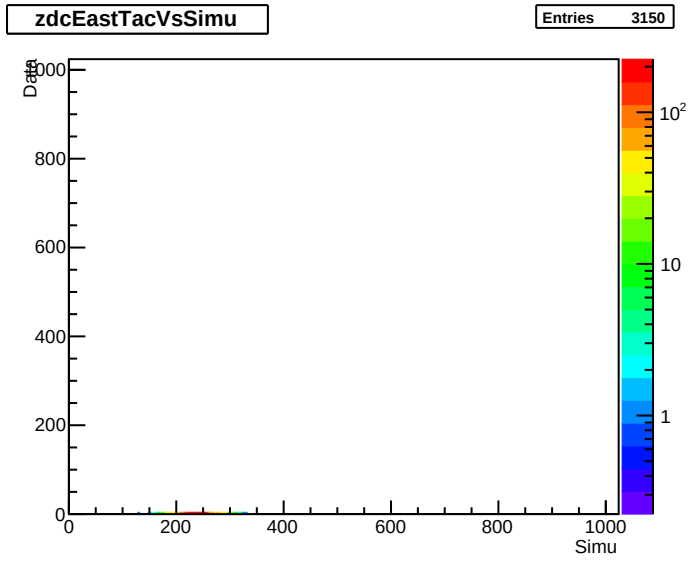

vpdWestNHits
Entries 94784

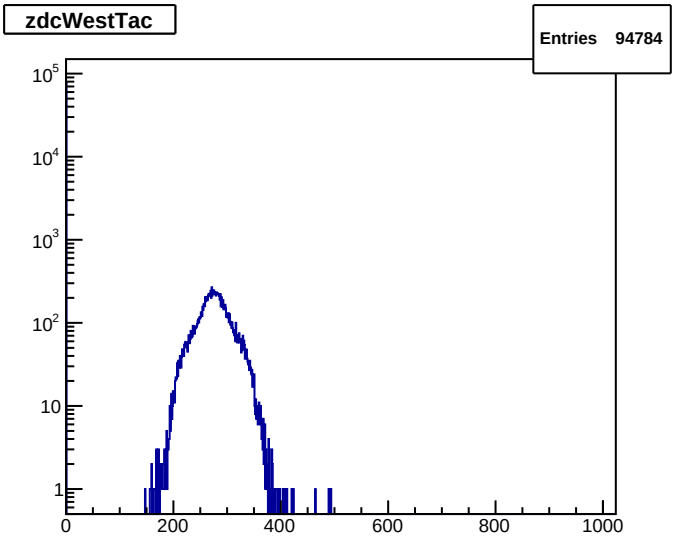

vpdWestNHitsVsSimu
Entries 67911

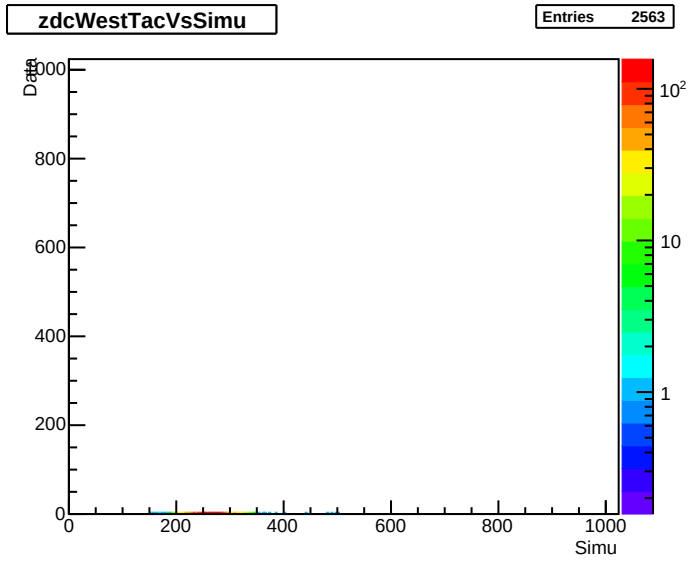

vpdWestTacSum
Entries 94784

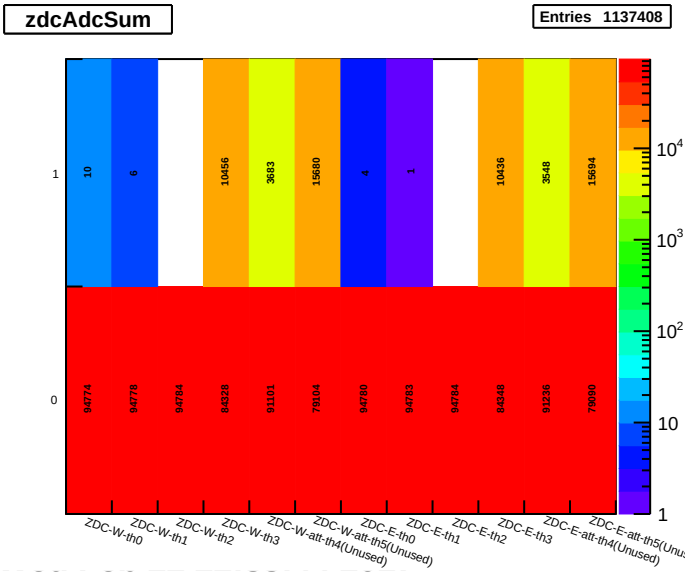

vpdWestTacSumVsSimu
Entries 58870
Data
Simu

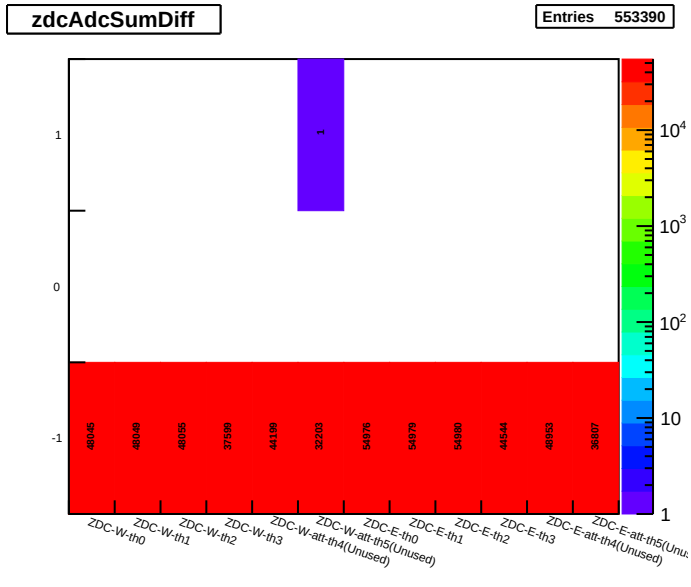

zdcEastTac
Entries 94784

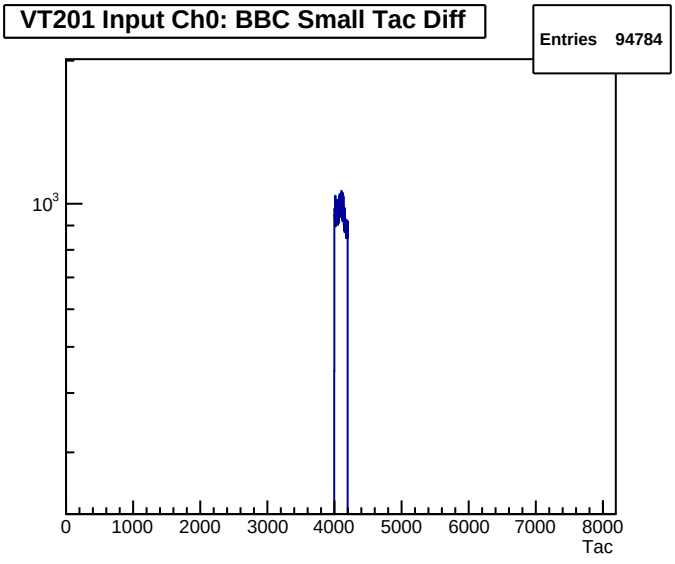

zdcEastTacVsSimu
Entries 3150
Data
Simu

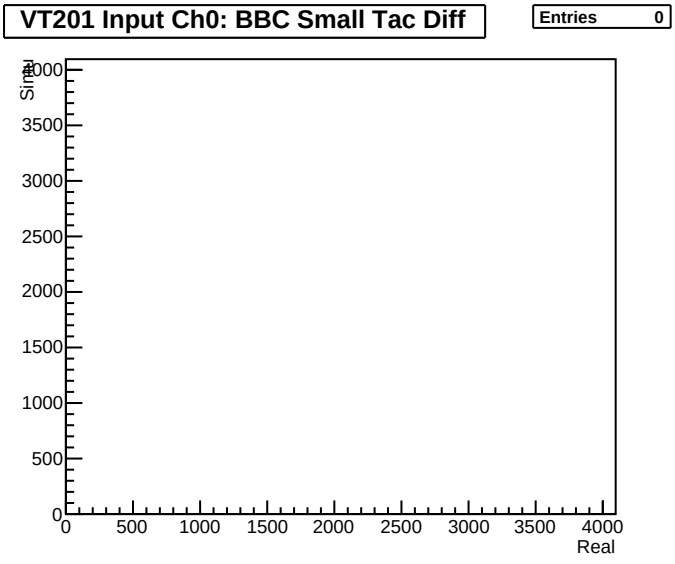

zdcWestTac
Entries 94784

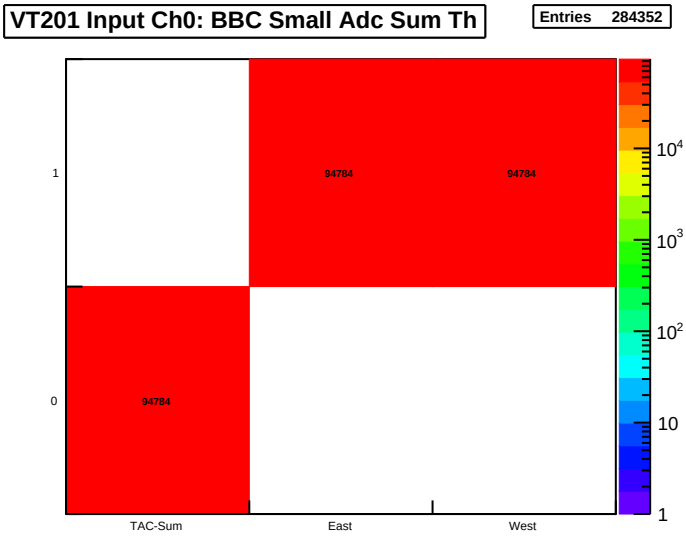

zdcWestTacVsSimu
Entries 2563
Data
Simu

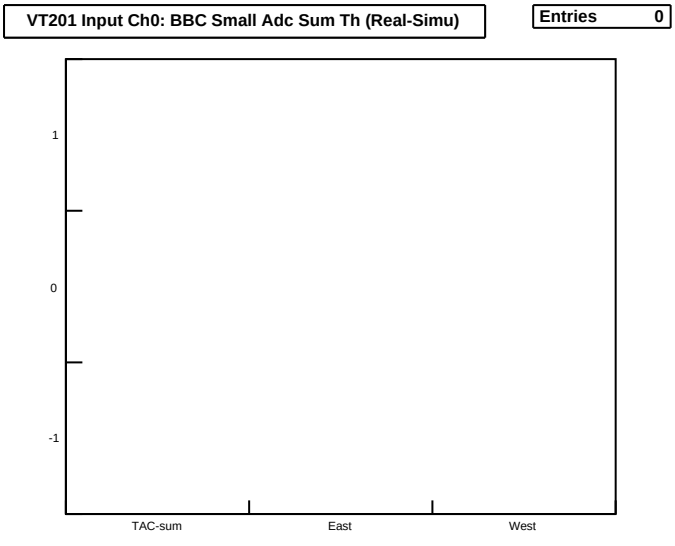

zdcAdcSum
Entries 1137408
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

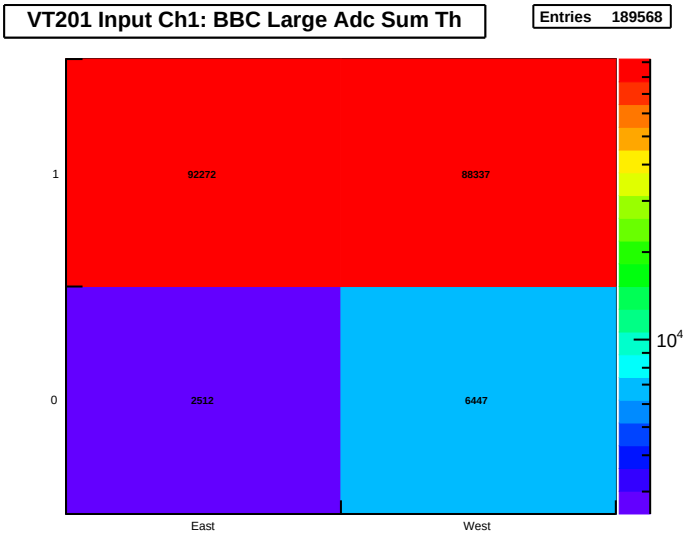

zdcAdcSumDiff
Entries 553390
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

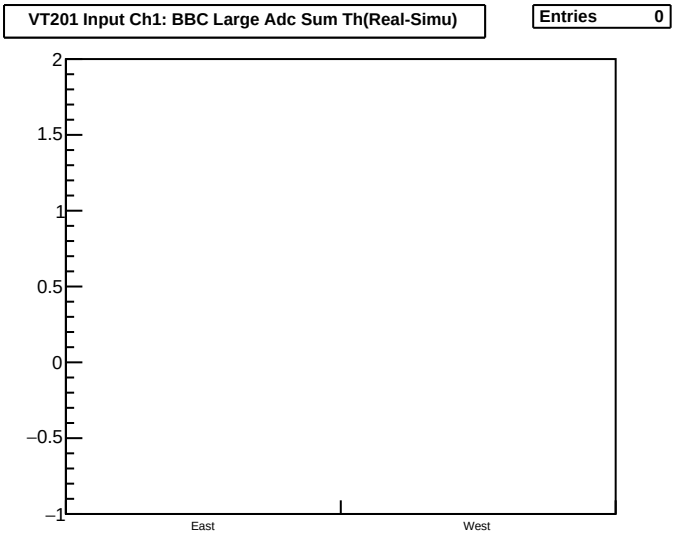

VT201 Input Ch0: BBC Small Tac Diff
Entries 94784
Tac


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

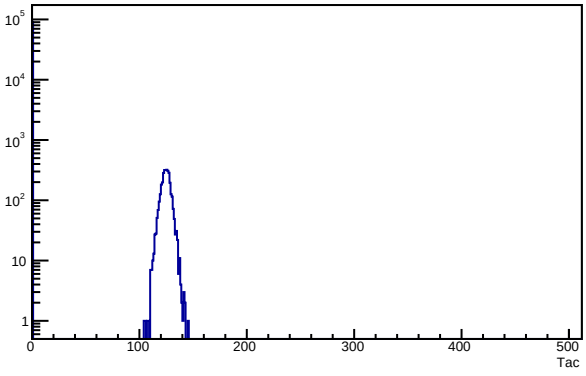

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 284352
94784
94784
94784
TAC-Sum
East
West


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

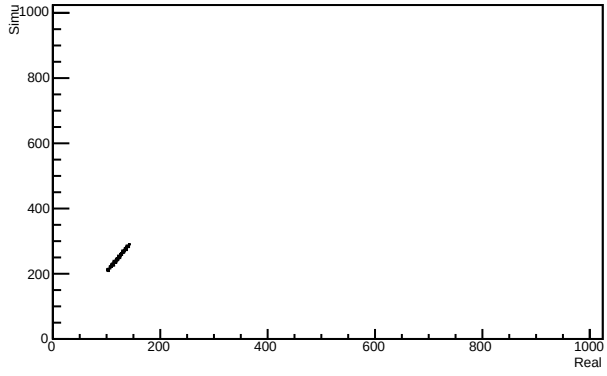

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 189568
92272
88337
2512
6447
East
West


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

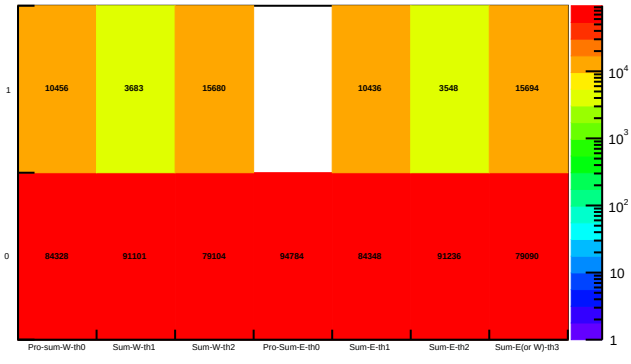
VT201 Input Ch2: ZDC Tac Diff



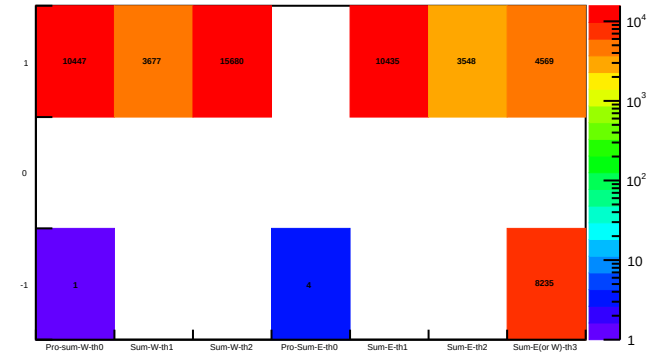
VT201 Input Ch2: ZDC Tac Diff



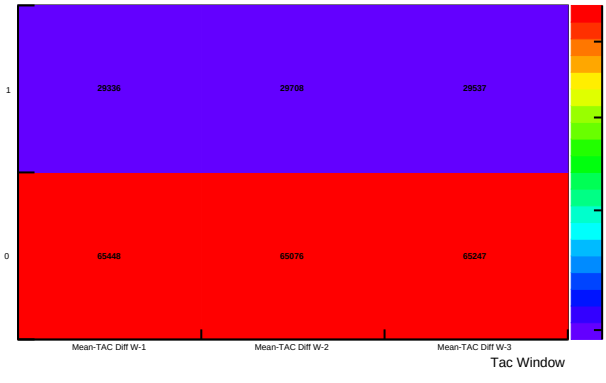
VT201 Input Ch2: ZDC Adc Sum Th



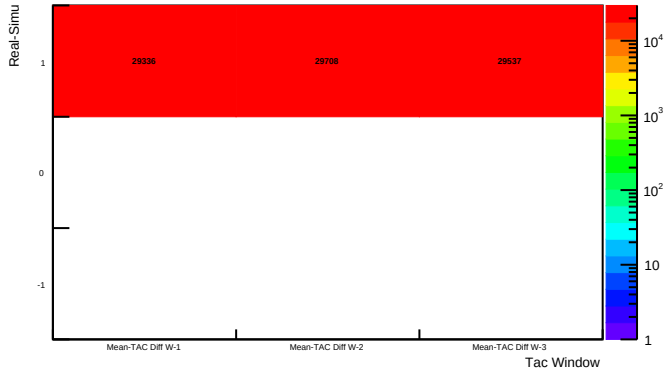
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



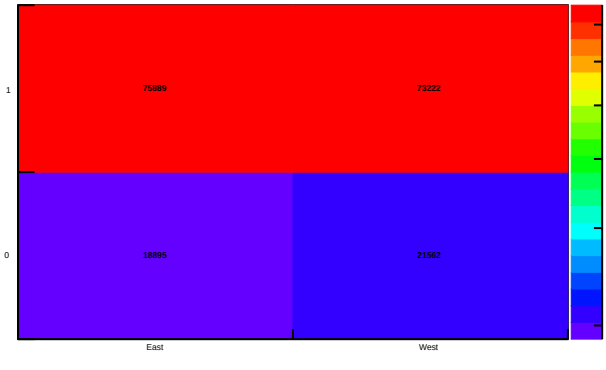
VT201 Input Ch4: VPD Tac Diff



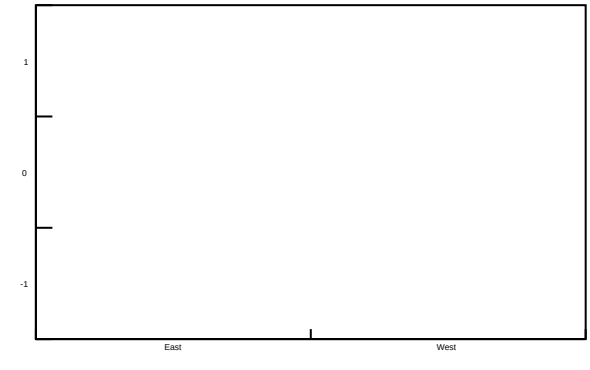
VT201 Input Ch4: VPD Tac Diff

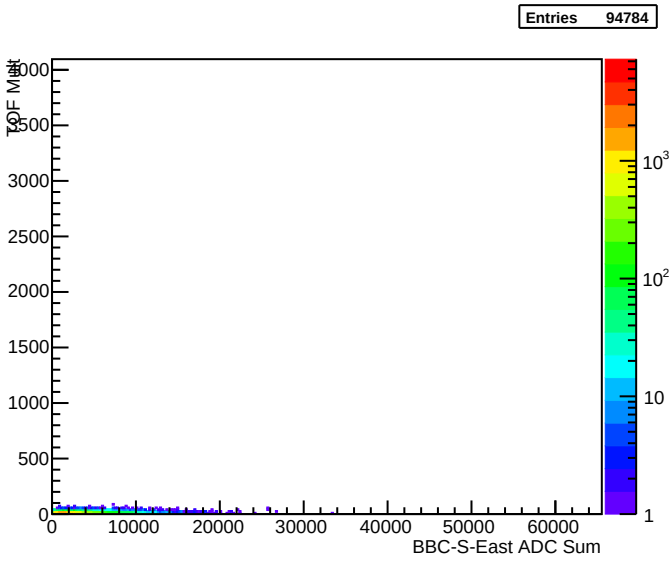


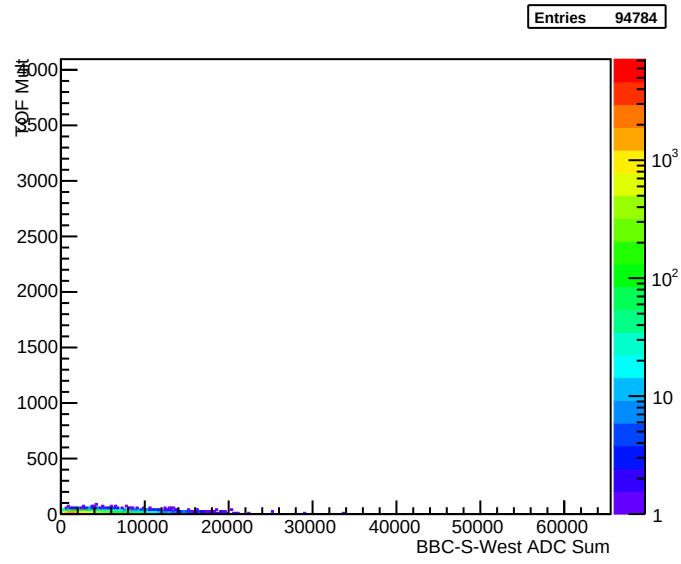
VT201 Input Ch4: VPD Adc Sum Th

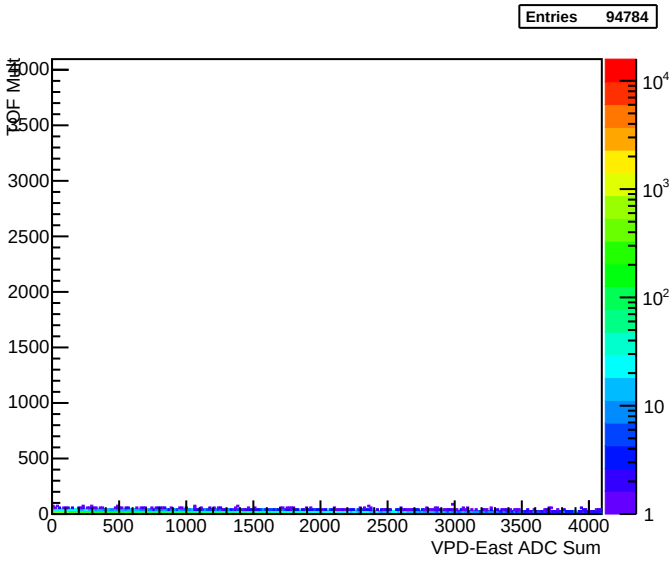


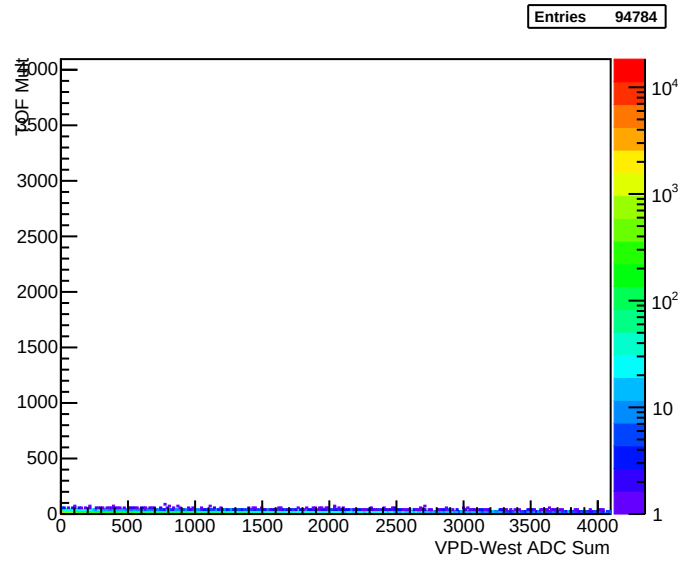
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

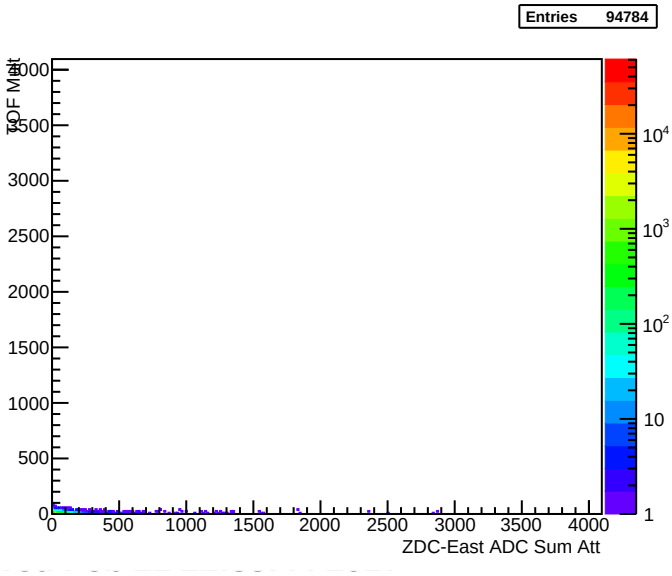


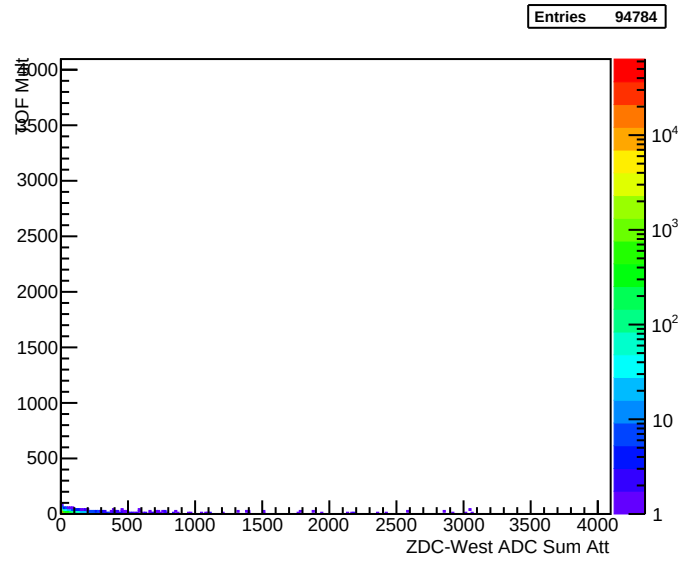

Entries 94784
TOF Mult
BBC-S-East ADC Sum

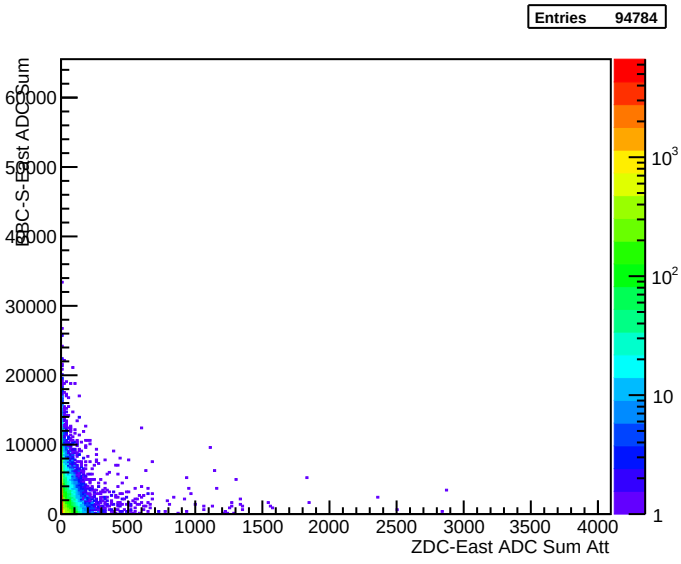

Entries 94784
TOF Mult
BBC-S-West ADC Sum

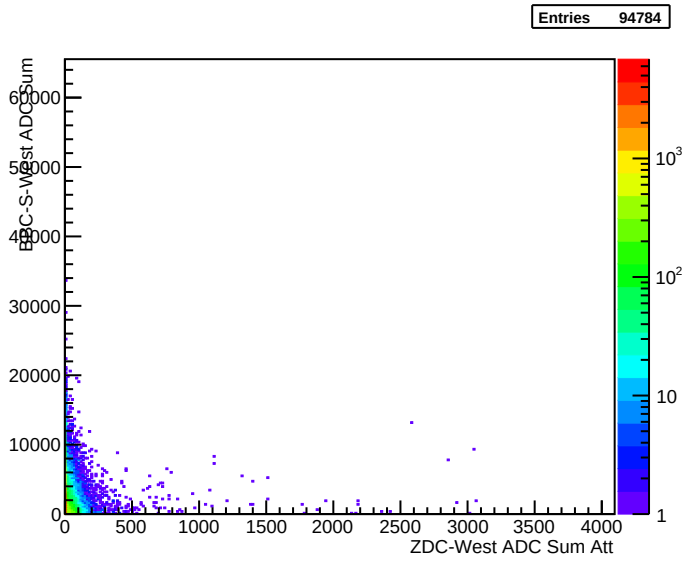

Entries 94784
TOF Mult
VPD-East ADC Sum

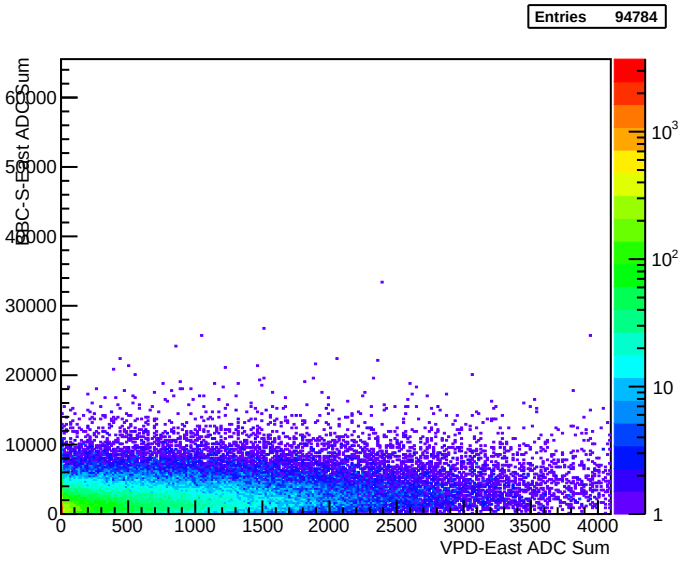

Entries 94784
TOF Mult
VPD-West ADC Sum

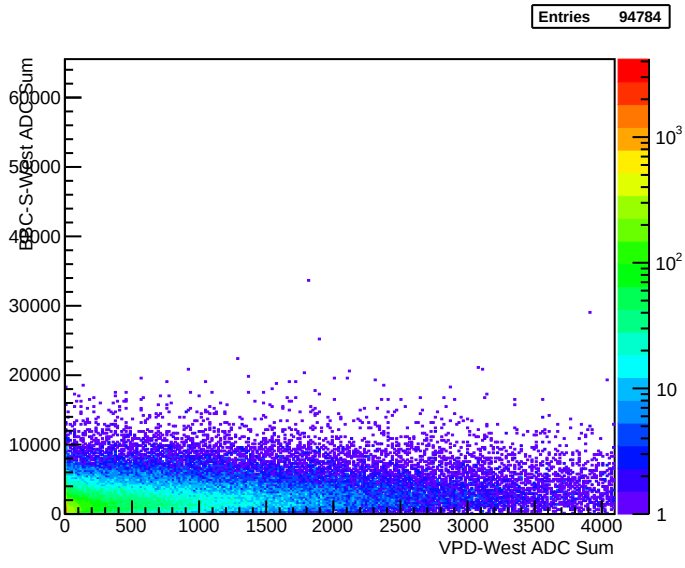

Entries 94784
TOF Mult
ZDC-East ADC Sum Att

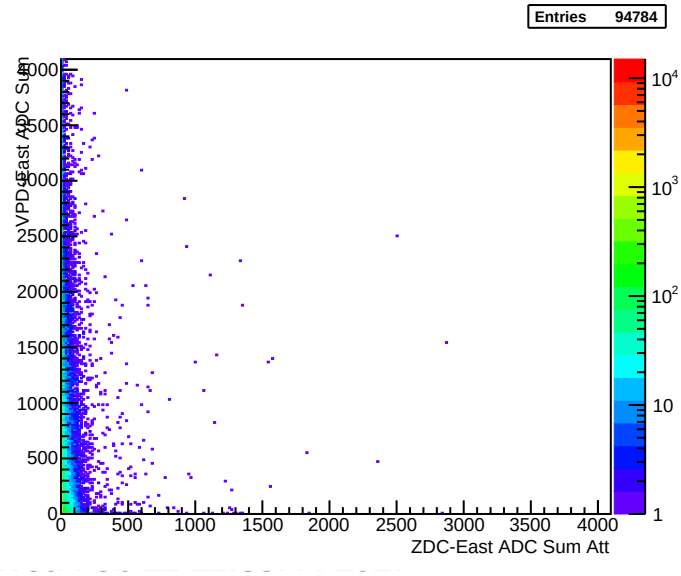

Entries 94784
TOF Mult
ZDC-West ADC Sum Att

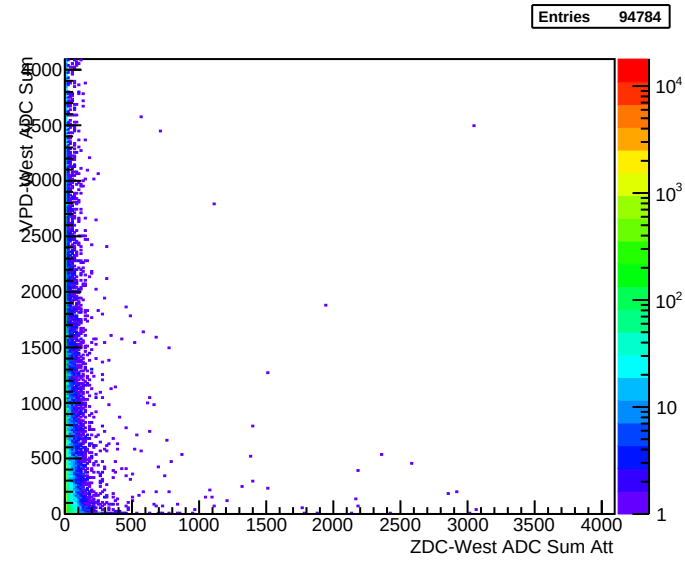

Entries 94784
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

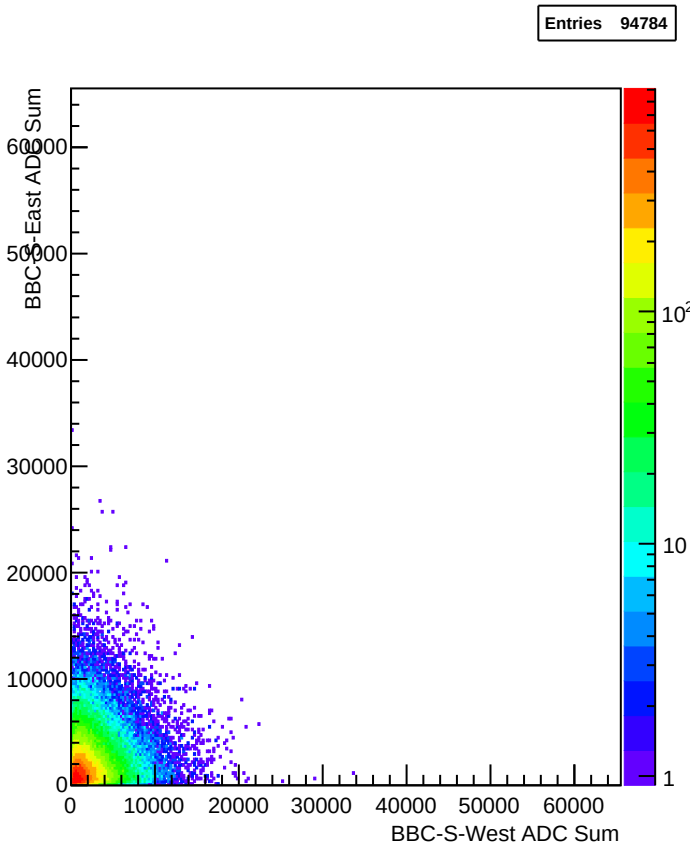

Entries 94784
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

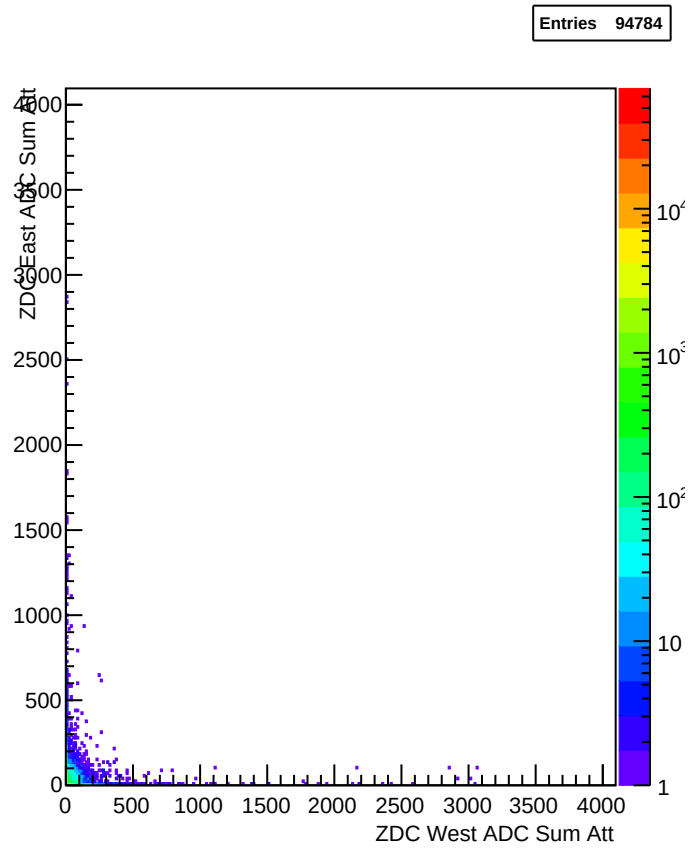

Entries 94784
BBC-S-East ADC Sum
VPD-East ADC Sum

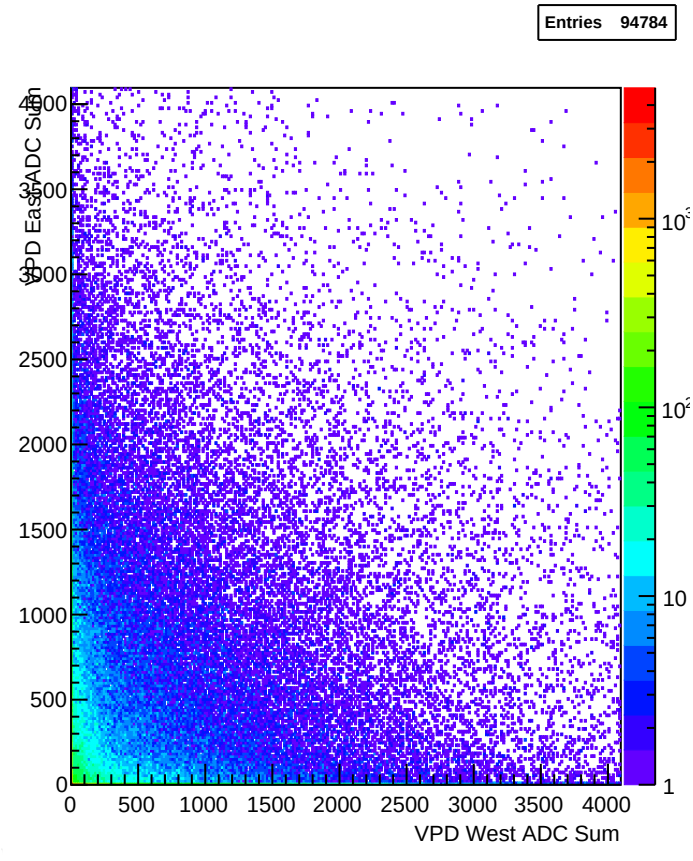

Entries 94784
BBC-S-West ADC Sum
VPD-West ADC Sum

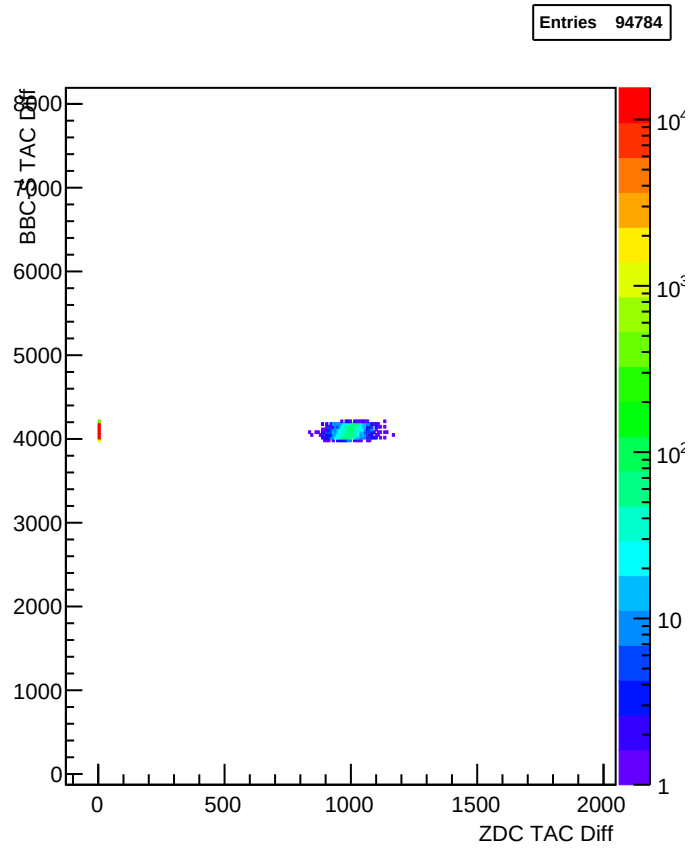

Entries 94784
VPD-East ADC Sum
ZDC-East ADC Sum Att

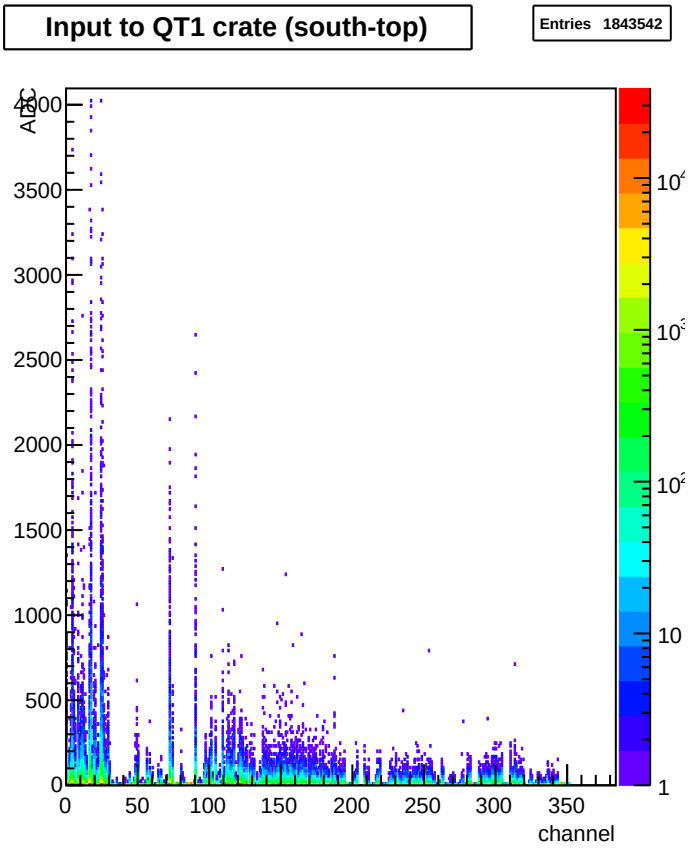

Entries 94784
VPD-West ADC Sum
ZDC-West ADC Sum Att

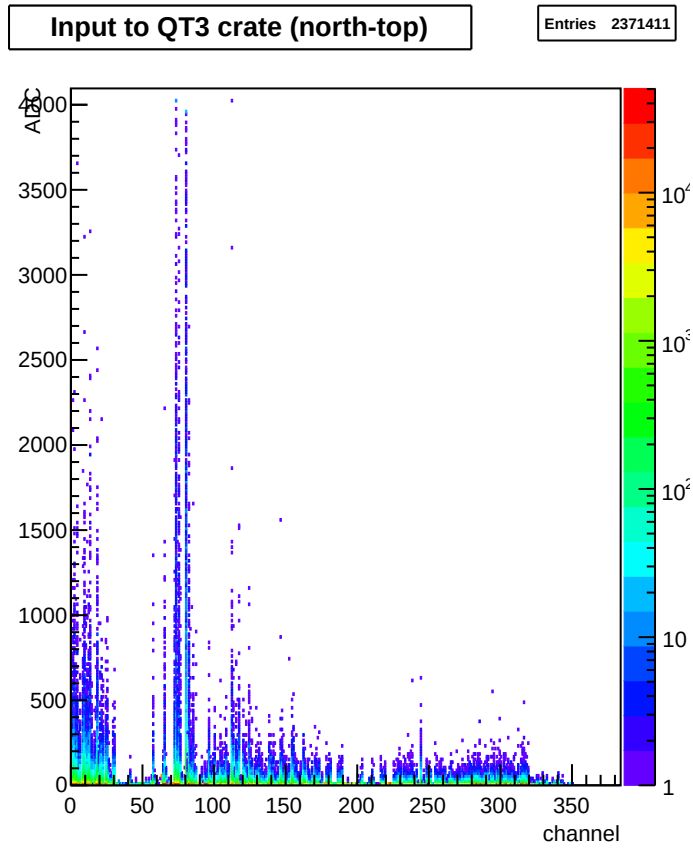

Entries 94784
BBC-S-East ADC Sum
BBC-S-West ADC Sum

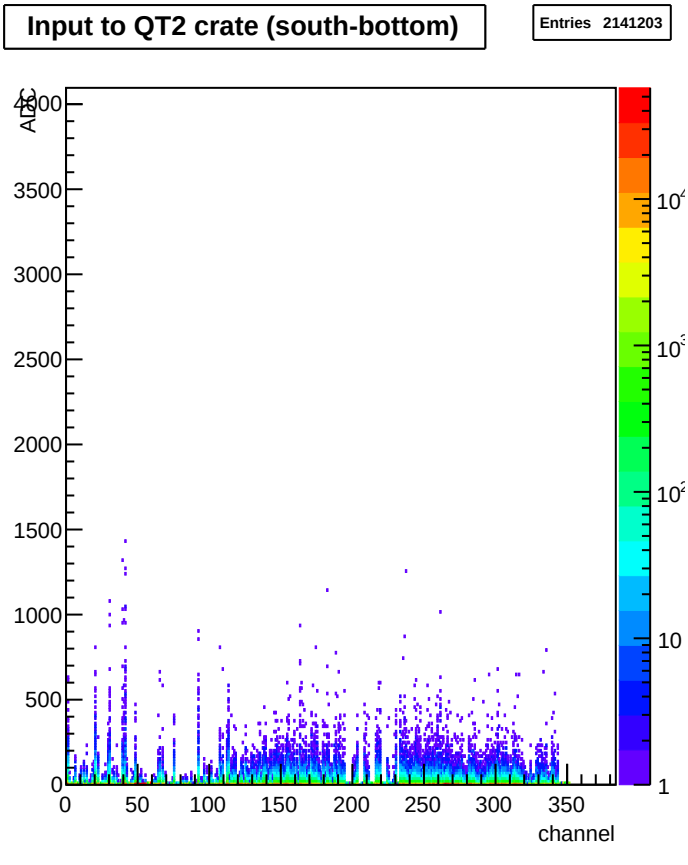

Entries 94784
ZDC East ADC Sum Att
ZDC West ADC Sum Att

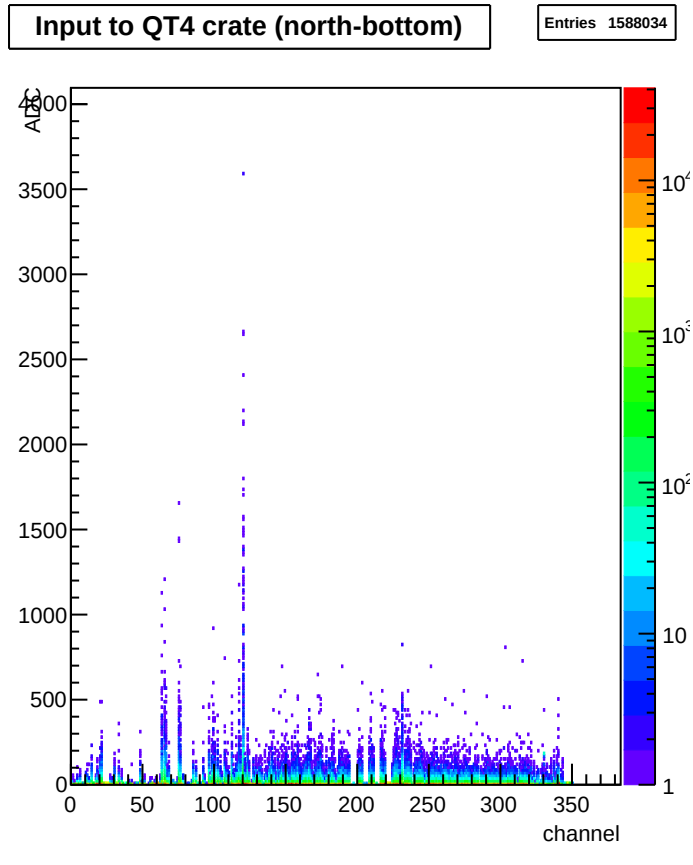

Entries 94784
VPD East ADC Sum
VPD West ADC Sum

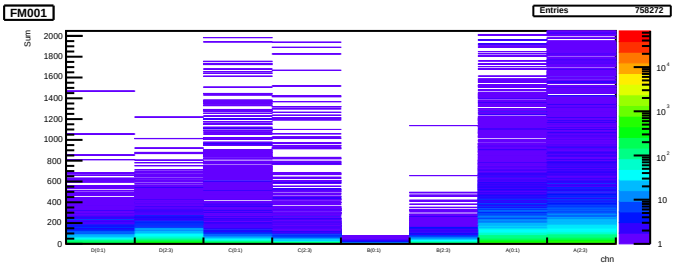

Entries 94784
BBC-S TAC Diff
ZDC TAC Diff

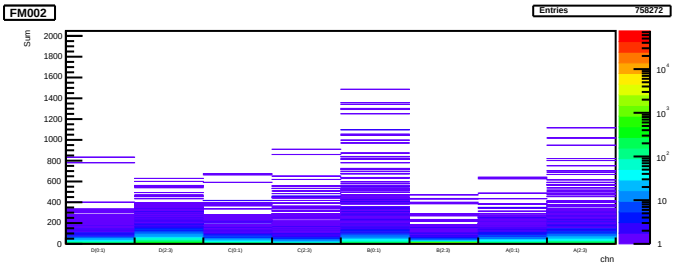

Input to QT1 crate (south-top)
Entries 1843542
ADC
channel

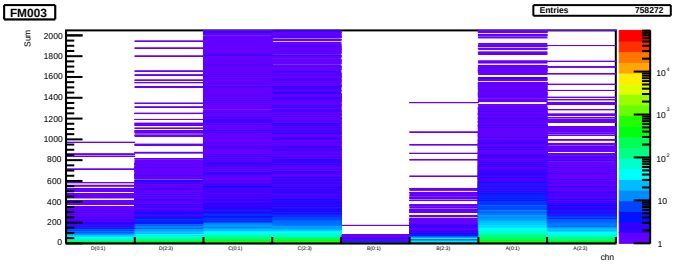

Input to QT3 crate (north-top)
Entries 2371411
ADC
channel

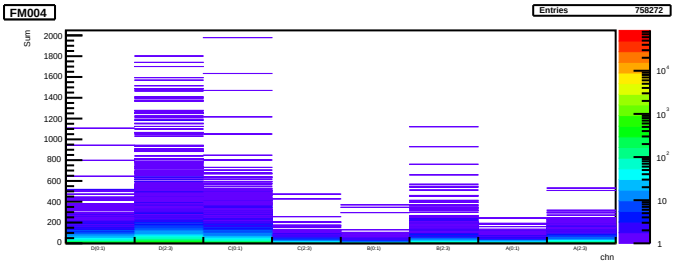

Input to QT2 crate (south-bottom)
Entries 2141203
ADC
channel

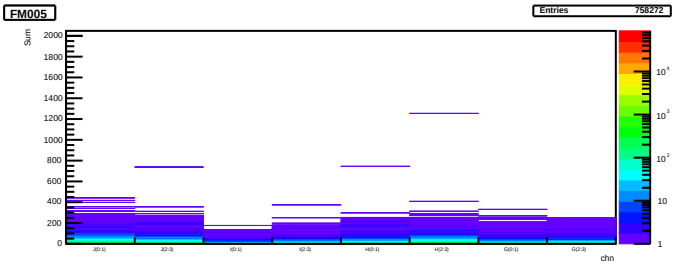

Input to QT4 crate (north-bottom)
Entries 1588034
ADC
channel

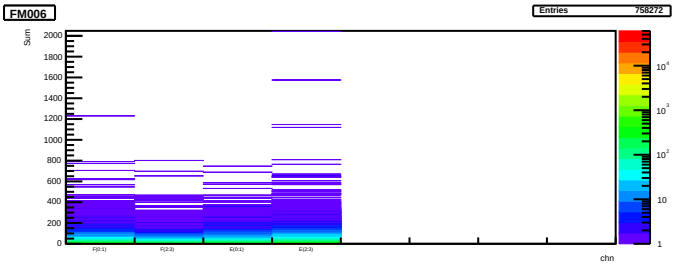

FM001
Entries 758272
Sum
chn

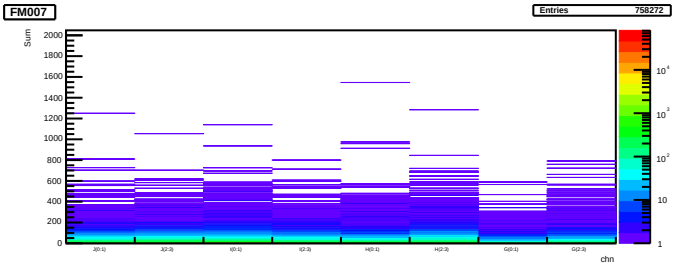

FM002
Entries 758272
Sum
chn

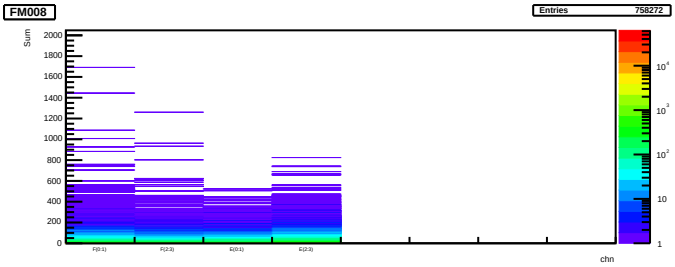

FM003
Entries 758272
Sum
chn

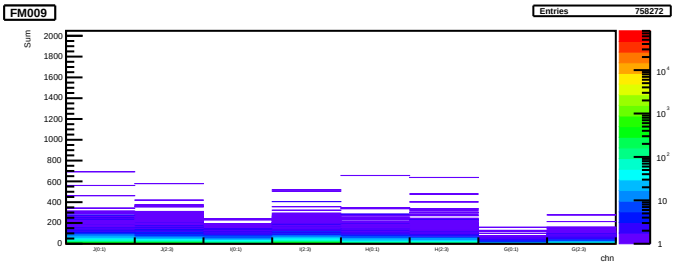

FM004
Entries 758272
Sum
chn

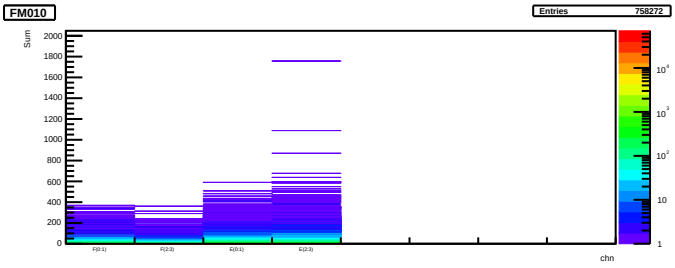

FM005
Entries 758272
Sum
chn

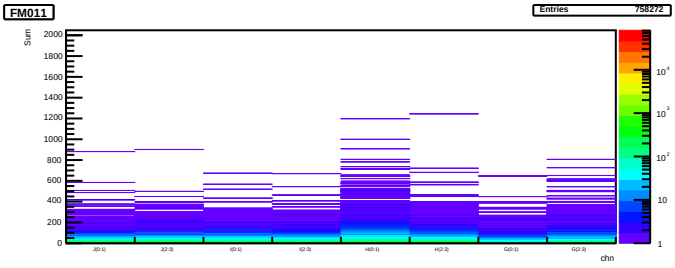

FM006
Entries 758272
Sum
chn

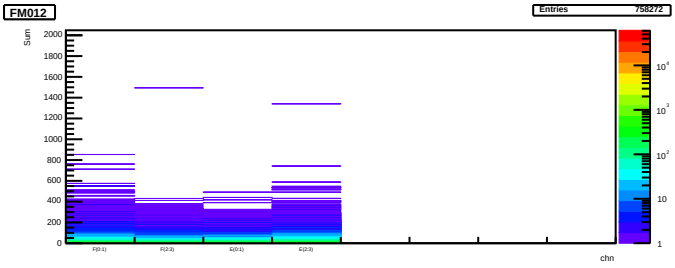

FM007
Entries 758272
Sum
chn

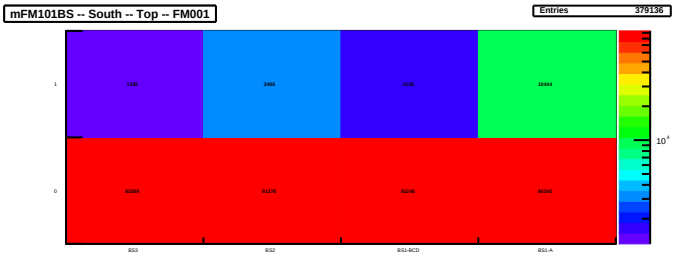

FM008
Entries 758272
Sum
chn

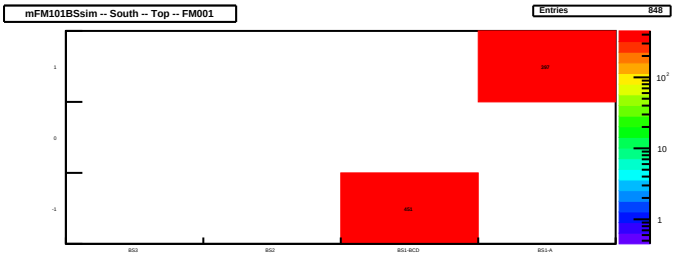

FM009
Entries 758272
Sum
chn

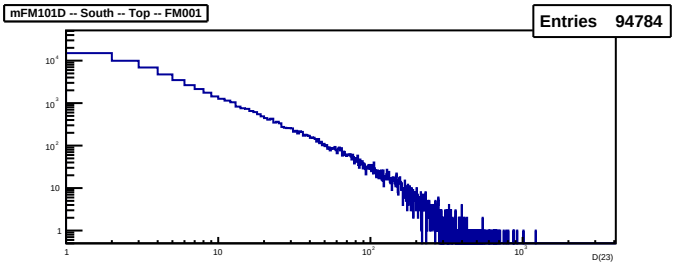

FM010
Entries 758272
Sum
chn

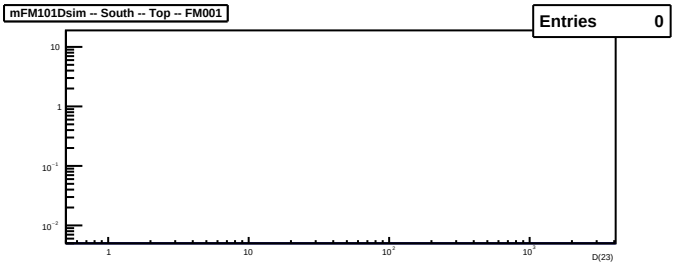

FM011
Entries 758272
Sum
chn

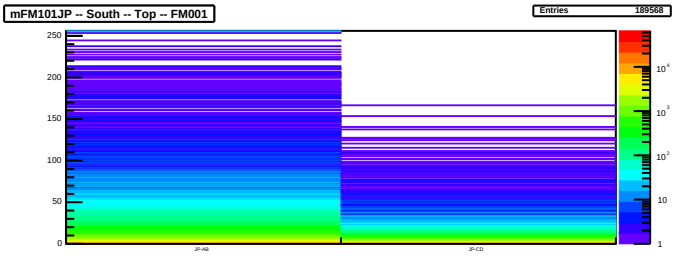

FM012
Entries 758272
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 379136

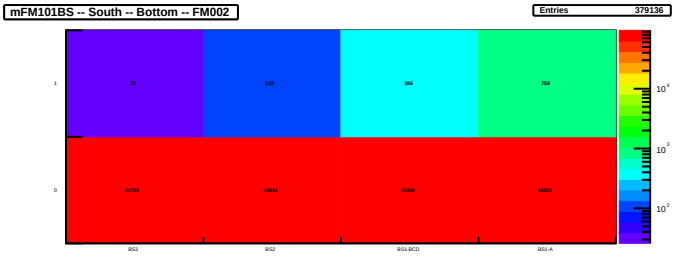

mFM101BSsim -- South -- Top -- FM001
Entries 848

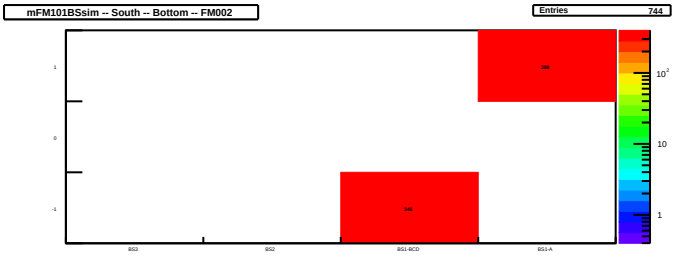

mFM101D -- South -- Top -- FM001
Entries 94784
D(23)

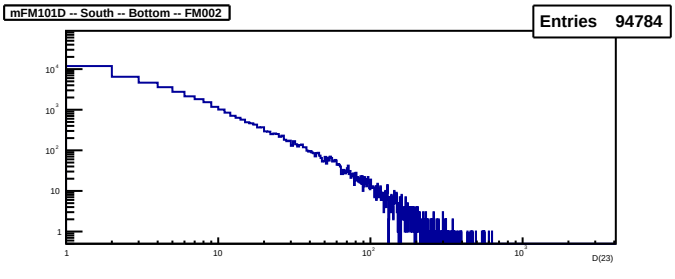

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

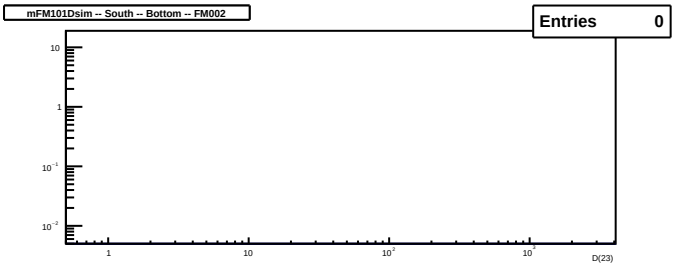

mFM101JP -- South -- Top -- FM001
Entries 189568

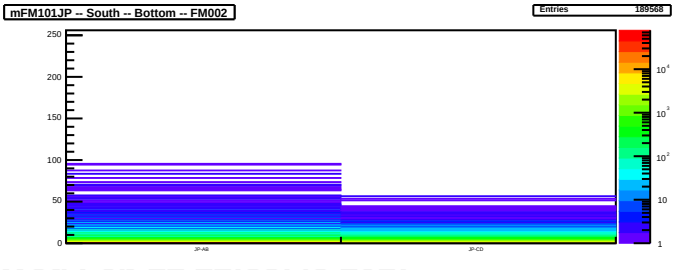
mFM101JPsim -- South -- Top -- FM001
Entries 0

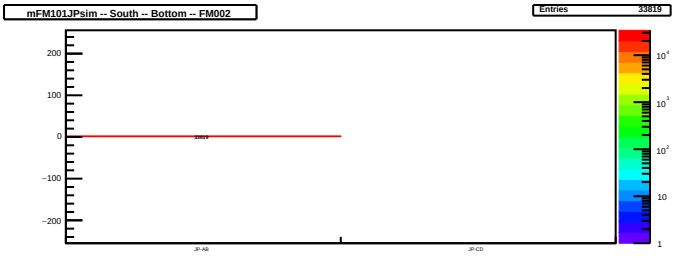

mFM101BS -- South -- Bottom -- FM002
Entries 379136

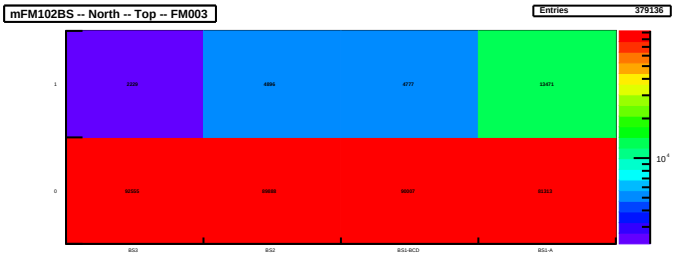

mFM101BSsim -- South -- Bottom -- FM002
Entries 744

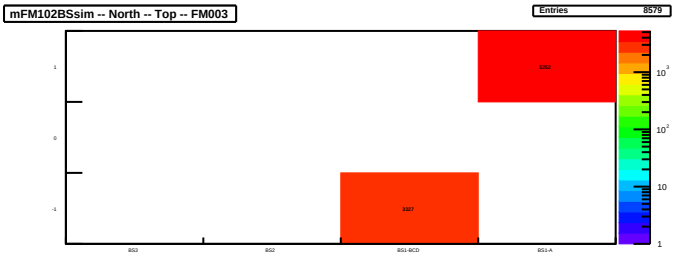

mFM101D -- South -- Bottom -- FM002
Entries 94784
D(23)

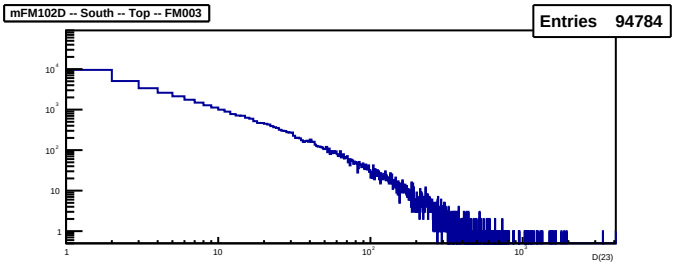

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

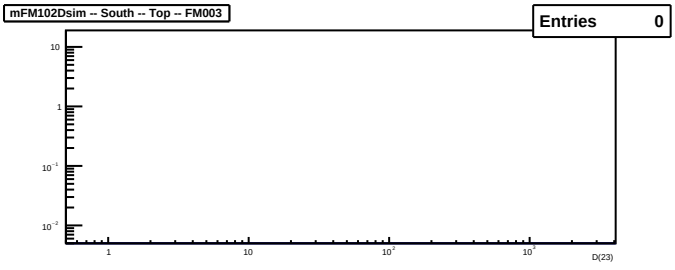

mFM101JP -- South -- Bottom -- FM002
Entries 189568


mFM101JPsim -- South -- Bottom -- FM002
Entries 33819


mFM102BS -- North -- Top -- FM003
Entries 379136
2125
4896
4777
13471
92551
89868
86007
81313
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 8579
5252
2327
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 94784
D(23)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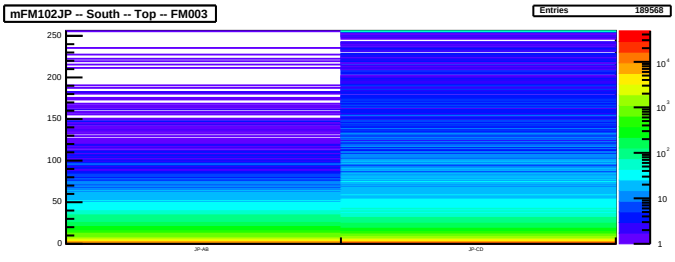
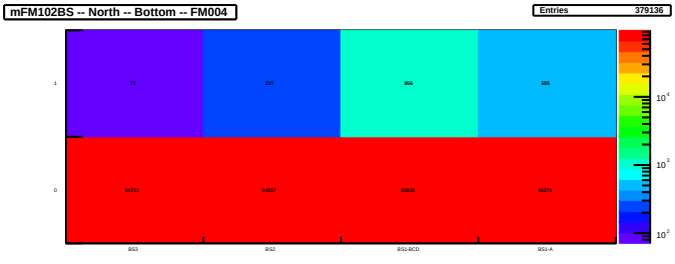
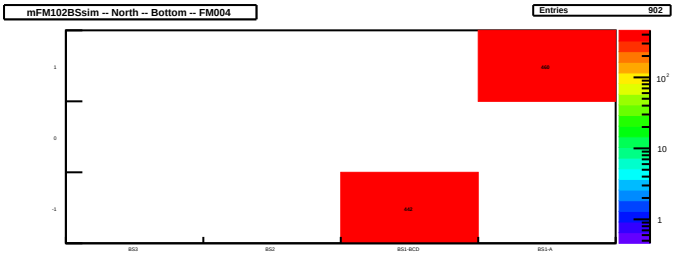
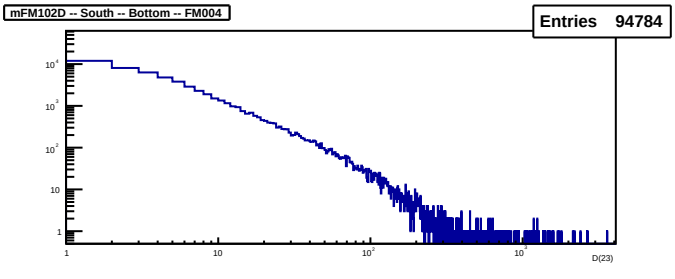
Entries 0
D(23)

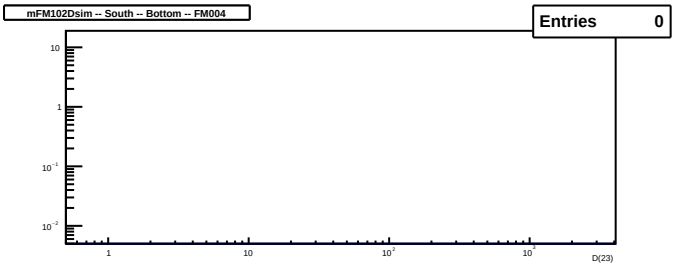

mFM102JP -- South -- Top -- FM003
Entries 189568
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 379136
71
227
956
965
94713
94557
93838
94279
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 902
460
442
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 94784
D(23)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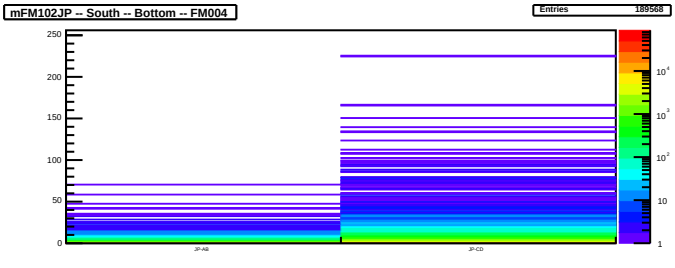
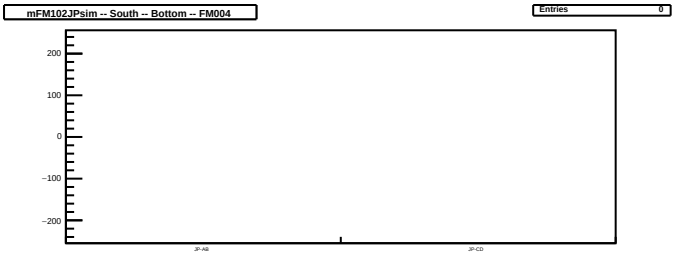
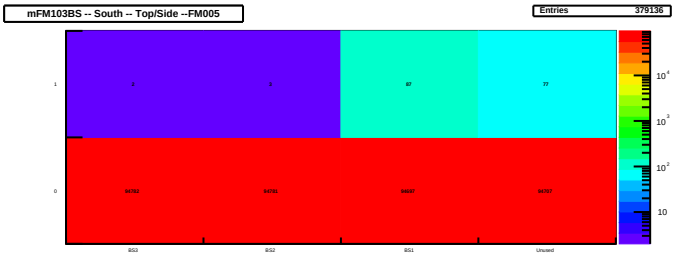
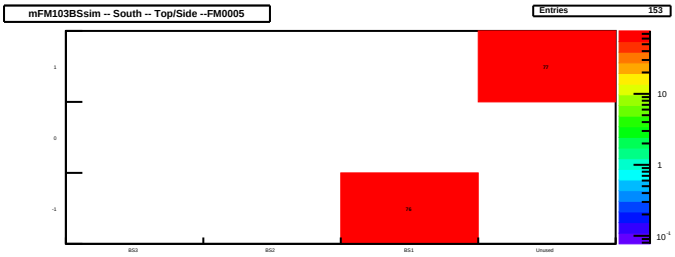
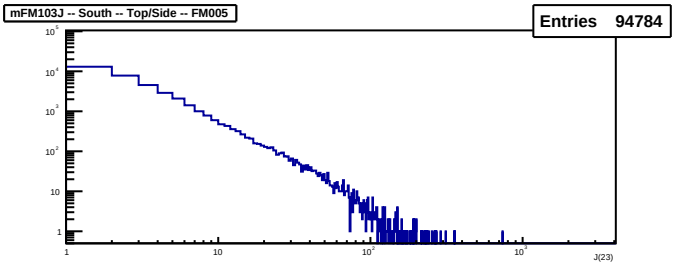
Entries 0
D(23)

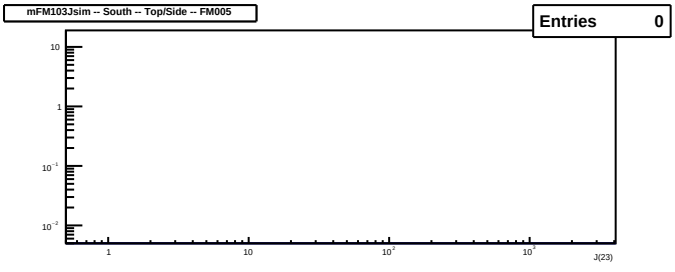

mFM102JP -- South -- Bottom -- FM004
Entries 189568
JP-AB
JP-CD

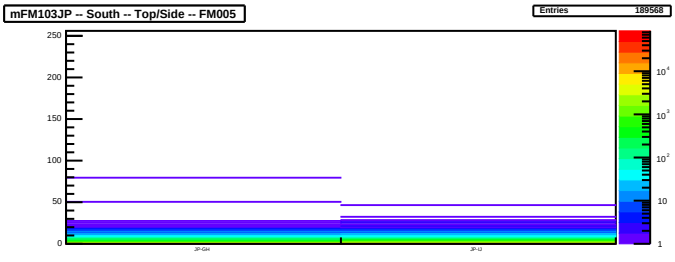

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

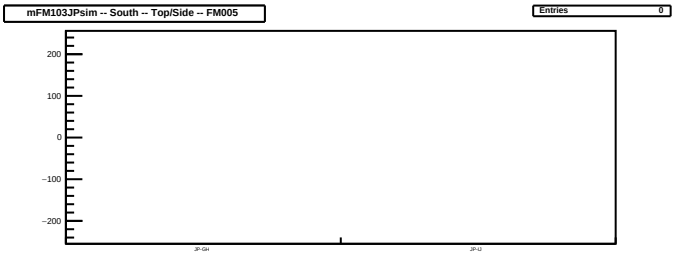

mFM103BS -- South -- Top/Side --FM005
Entries 379136
BS3
BS2
BS1
Unused

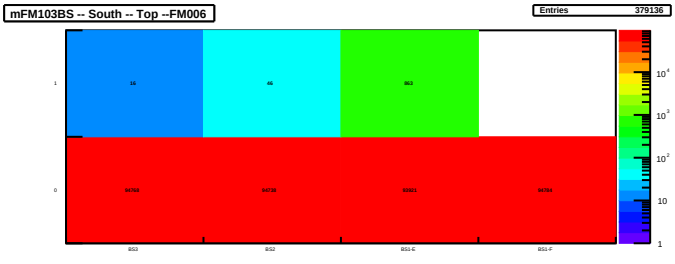

mFM103BSsim -- South -- Top/Side --FM0005
Entries 153
BS3
BS2
BS1
Unused

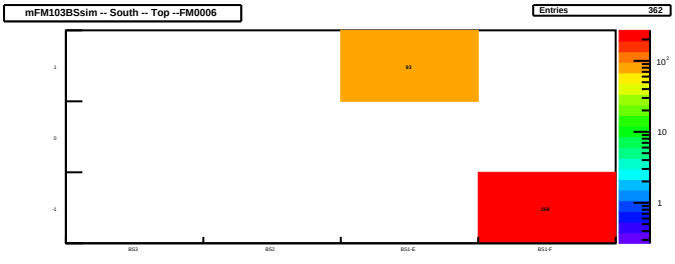

mFM103J -- South -- Top/Side -- FM005
Entries 94784
J(23)

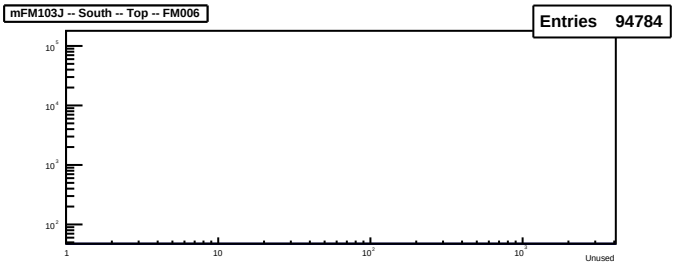

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

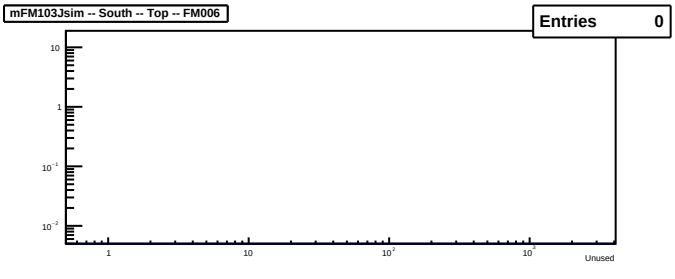

mFM103JP -- South -- Top/Side -- FM005
Entries 189568
JP-GH
JP-IJ

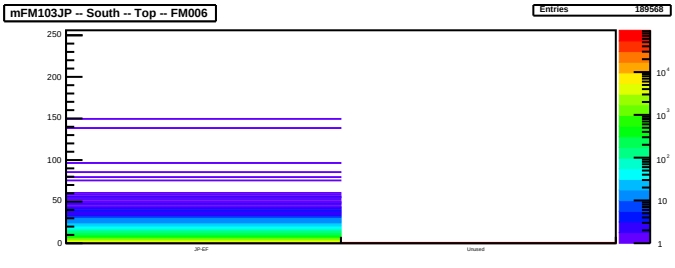

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

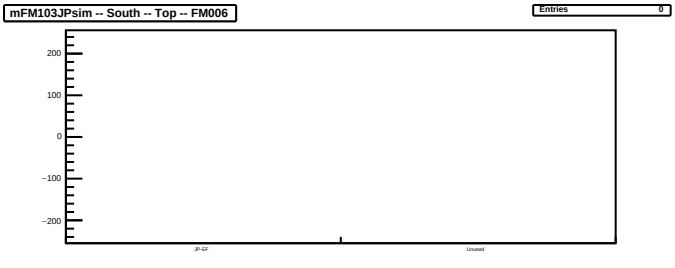

mFM103BS -- South -- Top --FM006
Entries 379136
BS3
BS2
BS1-E
BS1-F

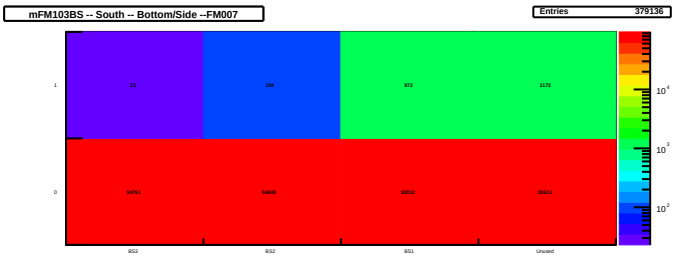

mFM103BSsim -- South -- Top --FM0006
Entries 362
BS3
BS2
BS1-E
BS1-F

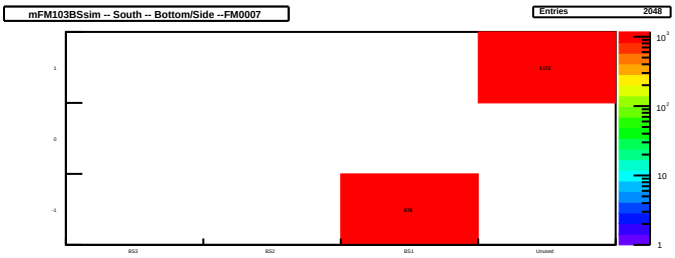

mFM103J -- South -- Top -- FM006
Entries 94784
Unused

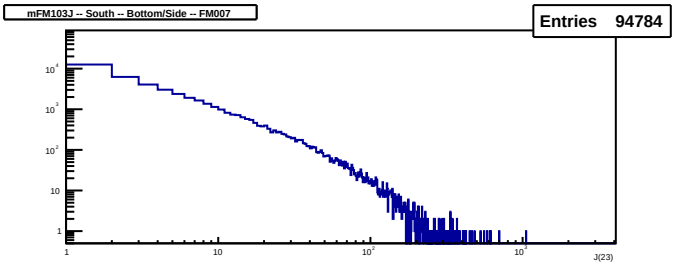

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

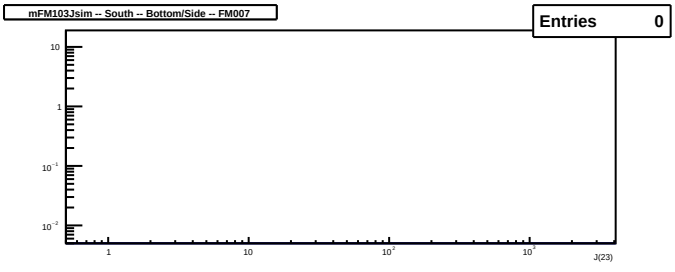

mFM103JP -- South -- Top -- FM006
Entries 189568
JP-EF
Unused

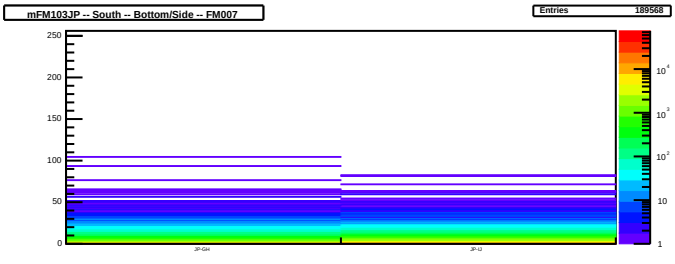

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

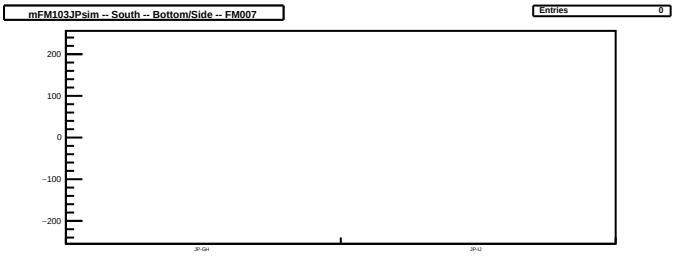

mFM103BS -- South -- Bottom/Side --FM007
Entries 379136

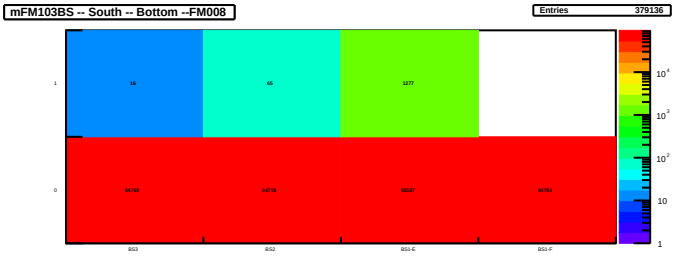

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2048

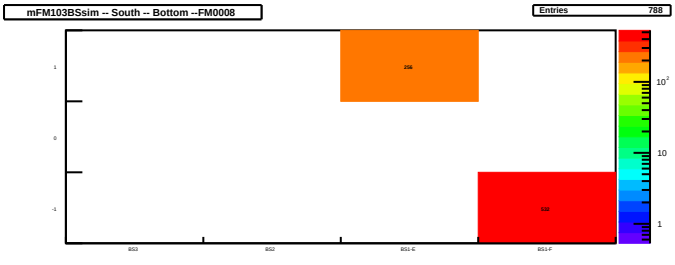

mFM103J -- South -- Bottom/Side -- FM007
Entries 94784
J(23)

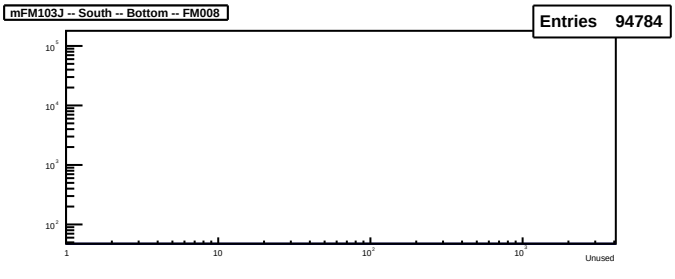

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

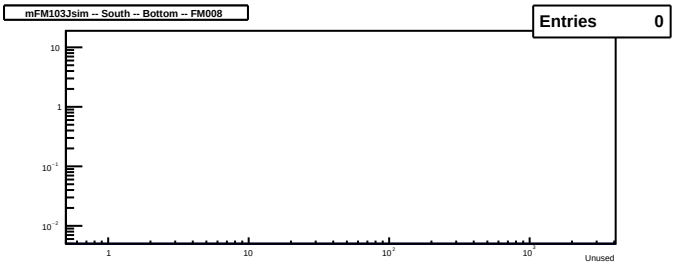

mFM103JP -- South -- Bottom/Side -- FM007
Entries 189568

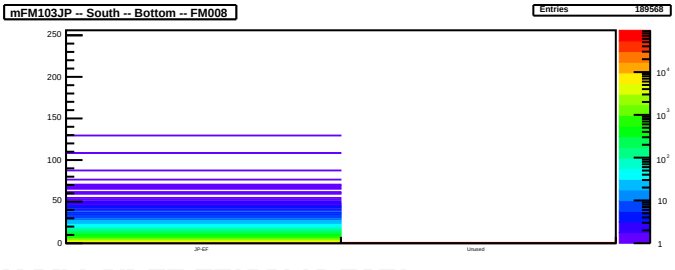

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

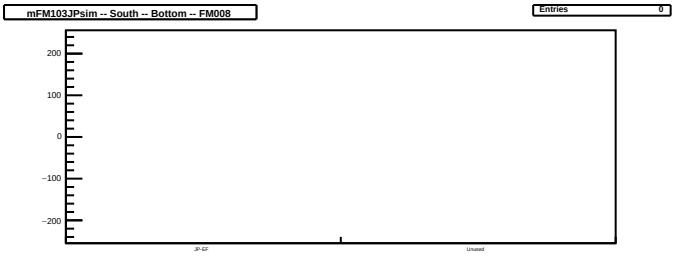

mFM103BS -- South -- Bottom --FM008
Entries 379136

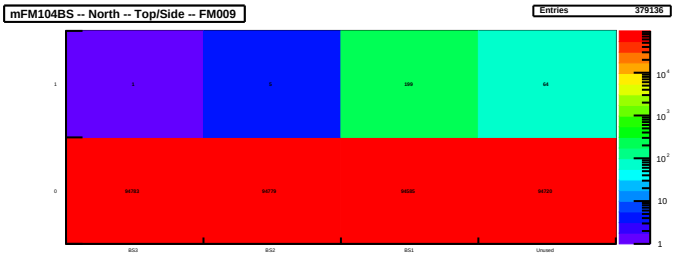

mFM103BSsim -- South -- Bottom --FM0008
Entries 788

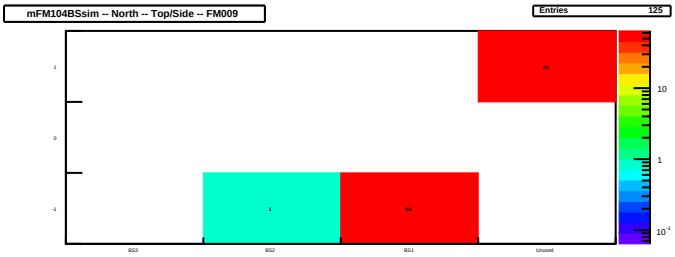

mFM103J -- South -- Bottom -- FM008
Entries 94784
Unused

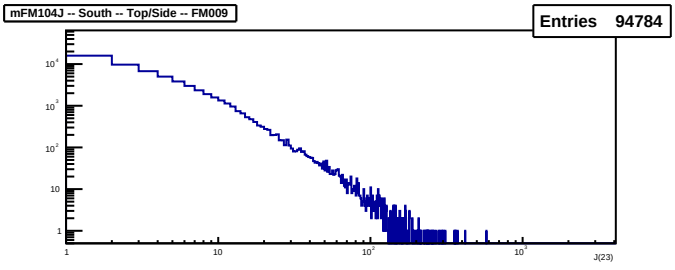

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

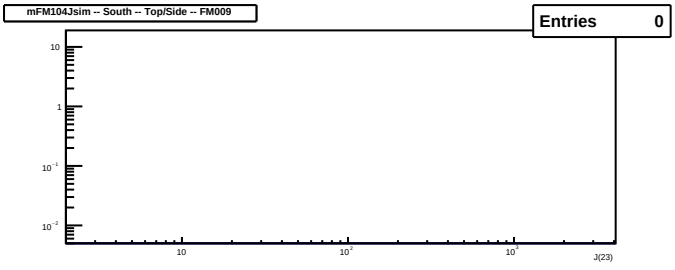

mFM103JP -- South -- Bottom -- FM008
Entries 189568

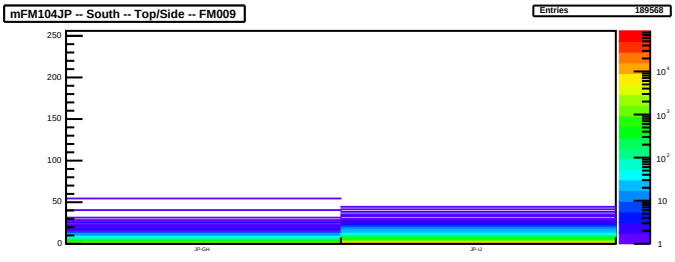

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

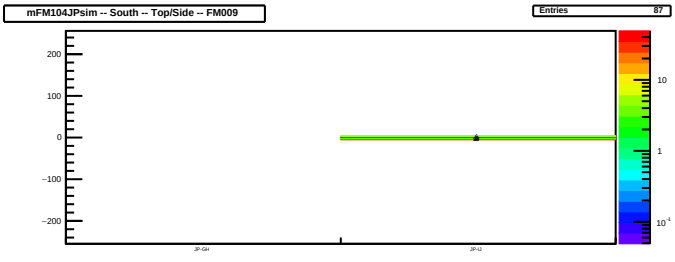

mFM104BS -- North -- Top/Side -- FM009
Entries 379136

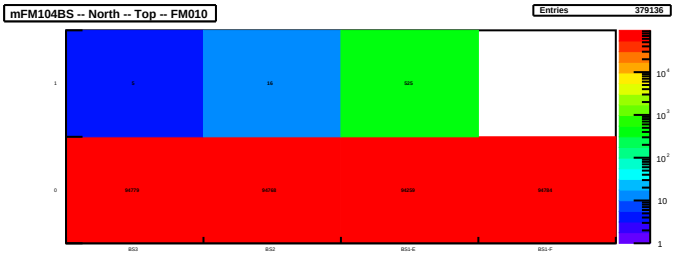

mFM104BSsim -- North -- Top/Side -- FM009
Entries 125

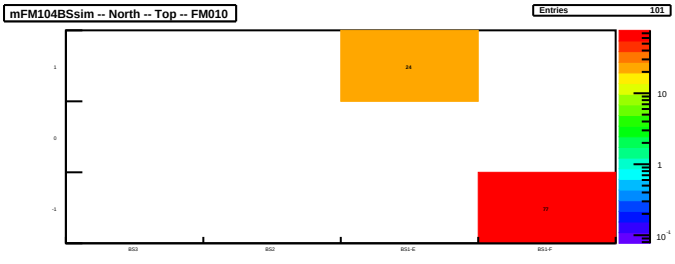

mFM104J -- South -- Top/Side -- FM009
Entries 94784
J(23)

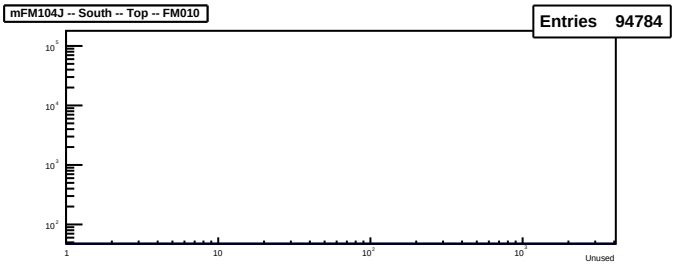

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

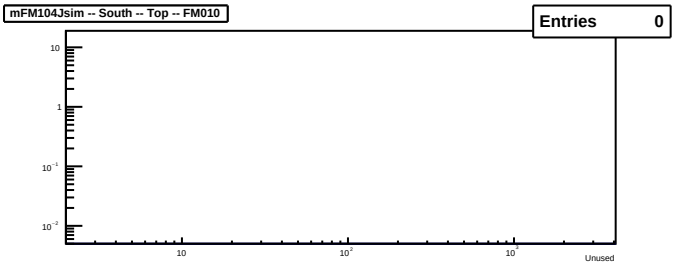

mFM104JP -- South -- Top/Side -- FM009
Entries 189568

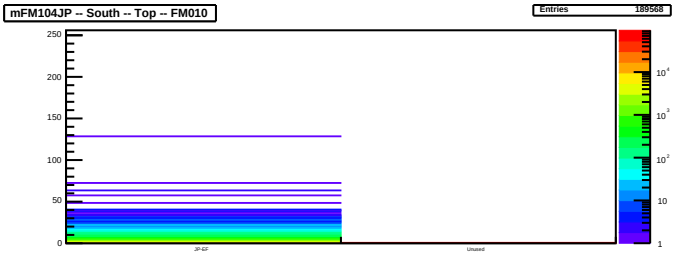

mFM104JPsim -- South -- Top/Side -- FM009
Entries 87

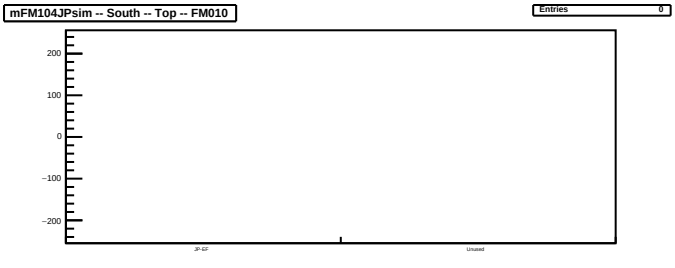

mFM104BS -- North -- Top -- FM010
Entries 379136

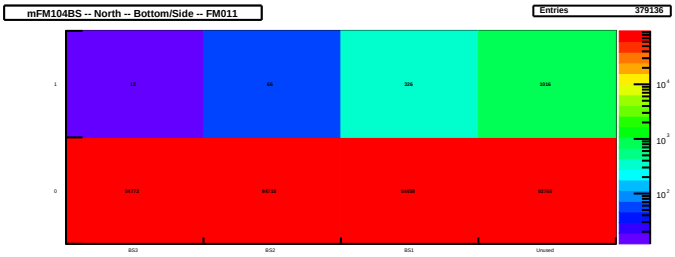

mFM104BSsim -- North -- Top -- FM010
Entries 101

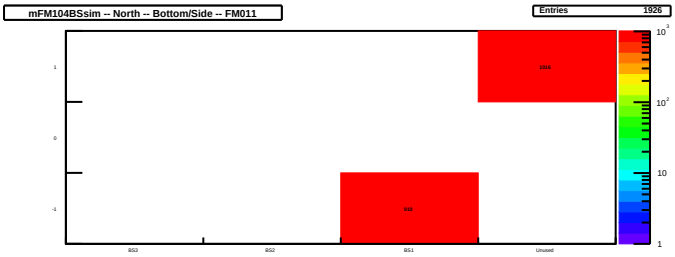

mFM104J -- South -- Top -- FM010
Entries 94784
Unused

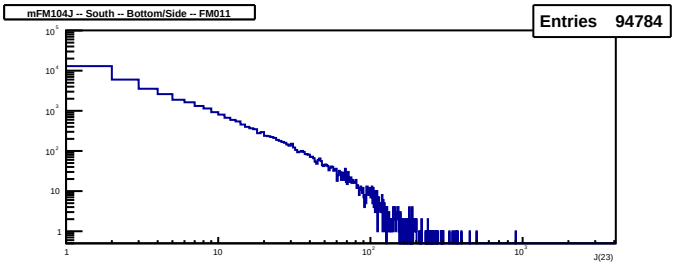

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

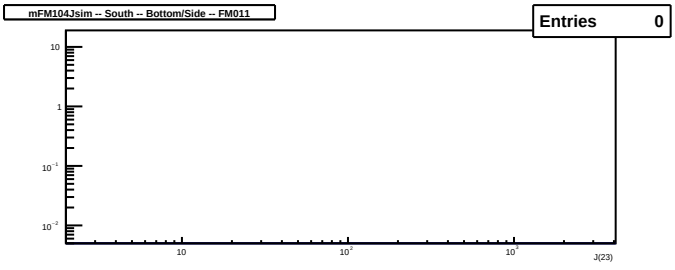

mFM104JP -- South -- Top -- FM010
Entries 189568

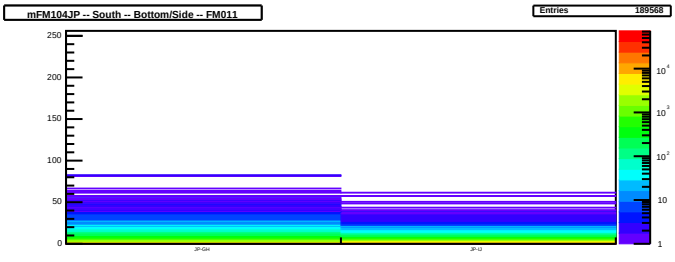

mFM104JPsim -- South -- Top -- FM010
Entries 0

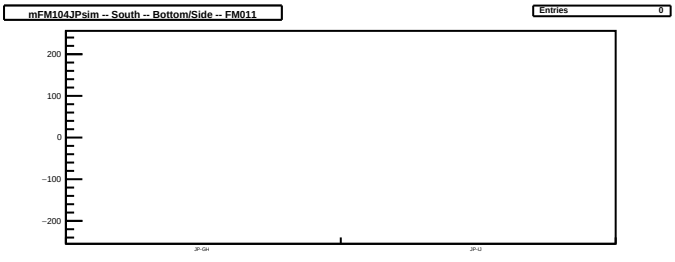

mFM104BS -- North -- Bottom/Side -- FM011
Entries 379136
12
44
306
1016
94772
94718
94458
93760
BS3
BS2
BS1
Unused

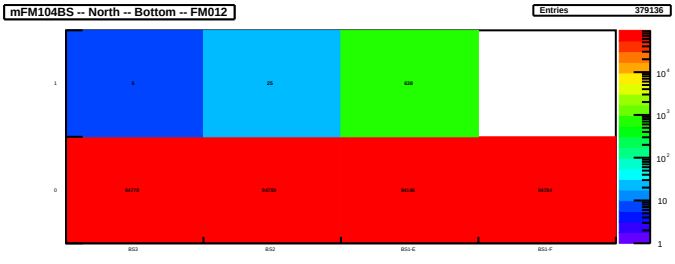

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1926
1016
910
BS3
BS2
BS1
Unused

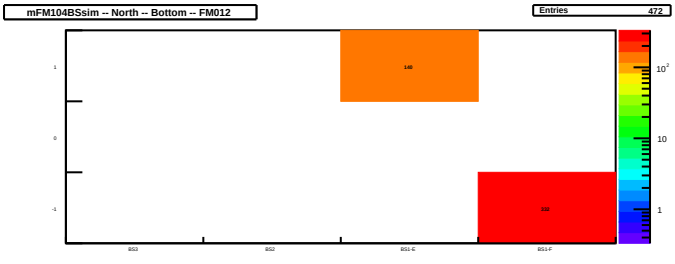

mFM104J -- South -- Bottom/Side -- FM011
Entries 94784
J(23)

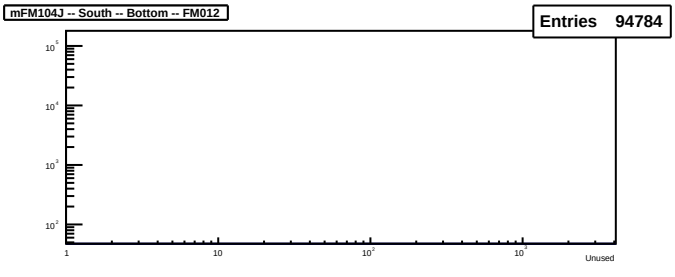

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

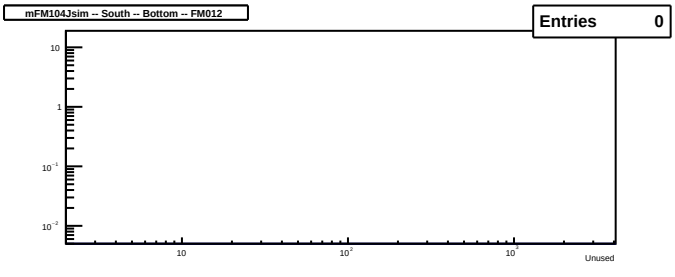

mFM104JP -- South -- Bottom/Side -- FM011
Entries 189568
JP-GH
JP-IJ

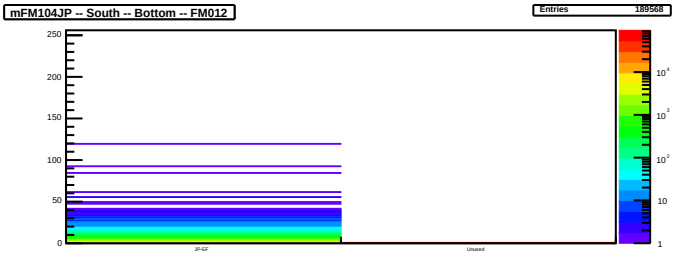

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 379136
6
25
638
94770
94759
94146
94784
BS3
BS2
BS1-E
BS1-F

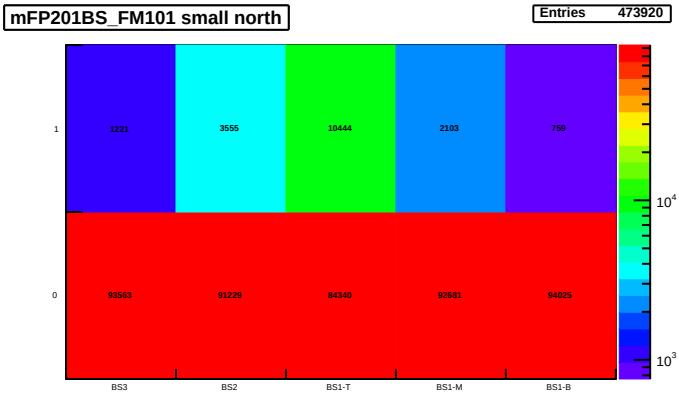

mFM104BSsim -- North -- Bottom -- FM012
Entries 472
148
322
BS3
BS2
BS1-E
BS1-F

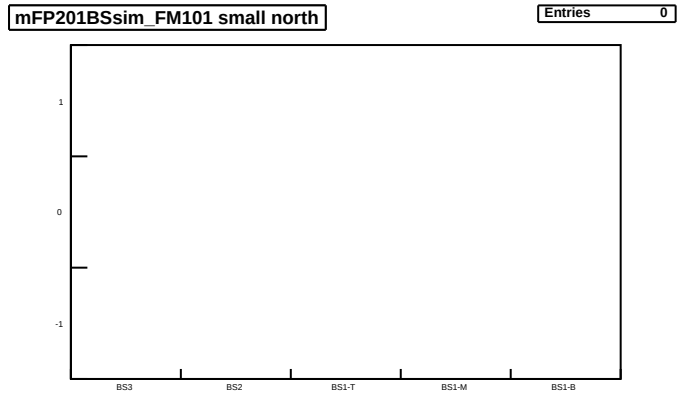

mFM104J -- South -- Bottom -- FM012
Entries 94784
Unused

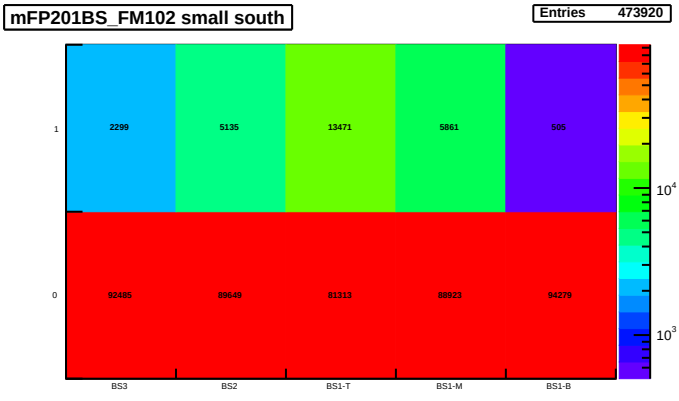

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

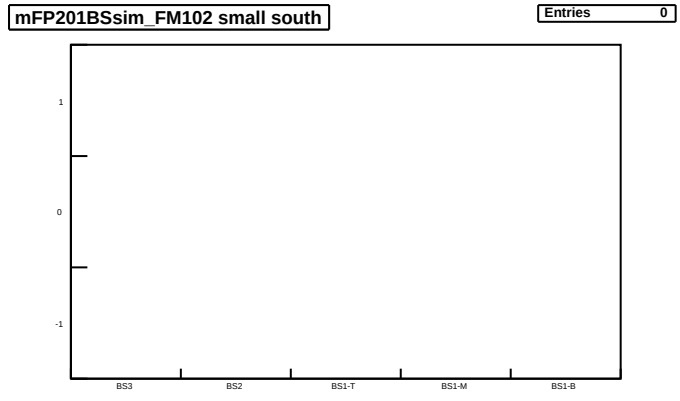

mFM104JP -- South -- Bottom -- FM012
Entries 189568
JP-EF
Unused

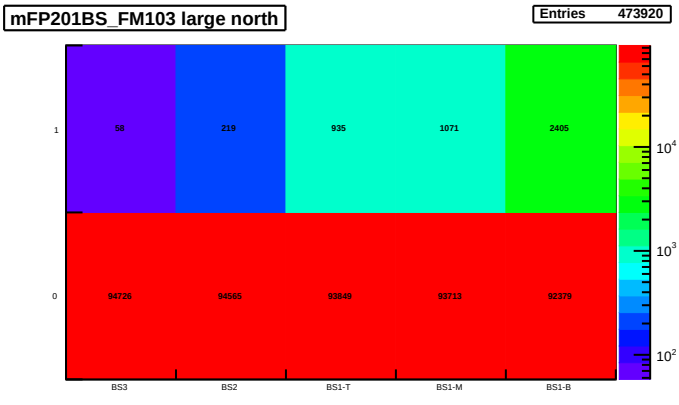
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

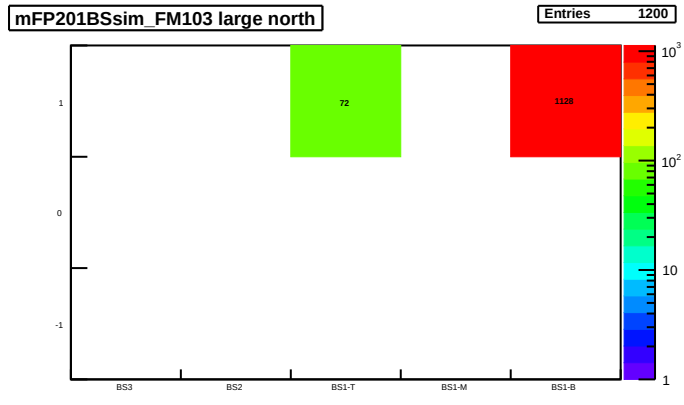

mFP201BS_FM101 small north
Entries 473920
1221
3555
10444
2103
759
93563
91229
84340
92681
94025
BS3
BS2
BS1-T
BS1-M
BS1-B

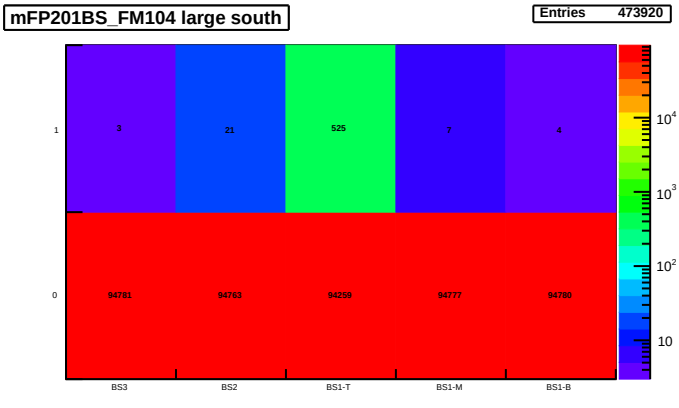

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

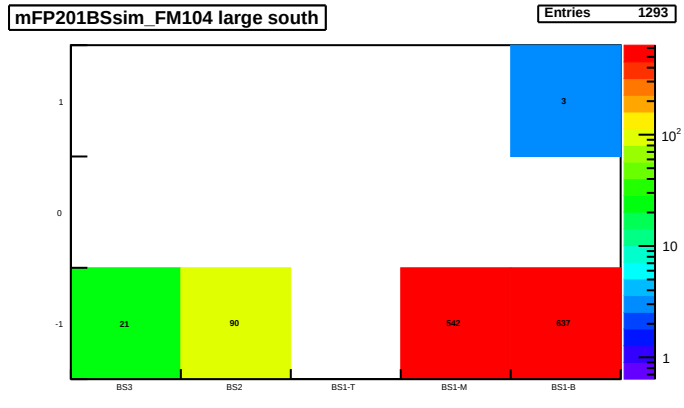

mFP201BS_FM102 small south
Entries 473920
2299
5135
13471
5861
505
92485
89649
81313
88923
94279
BS3
BS2
BS1-T
BS1-M
BS1-B

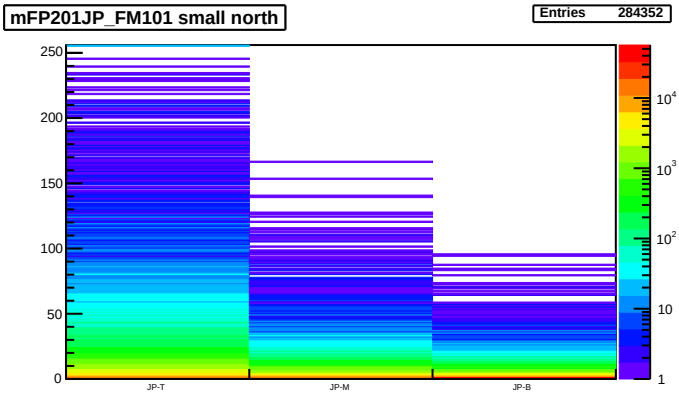

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

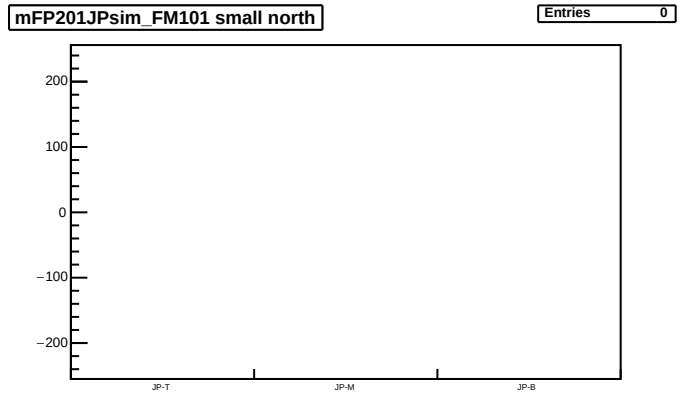

mFP201BS_FM103 large north
Entries 473920
58
219
935
1071
2405
94726
94565
93849
93713
92379
BS3
BS2
BS1-T
BS1-M
BS1-B

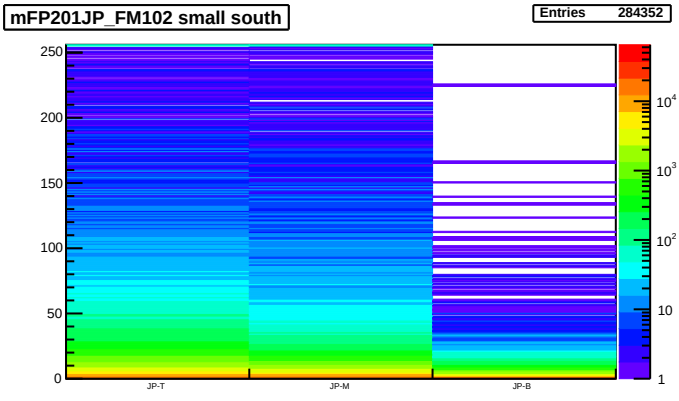

mFP201BSsim_FM103 large north
Entries 1200
72
1128
BS3
BS2
BS1-T
BS1-M
BS1-B

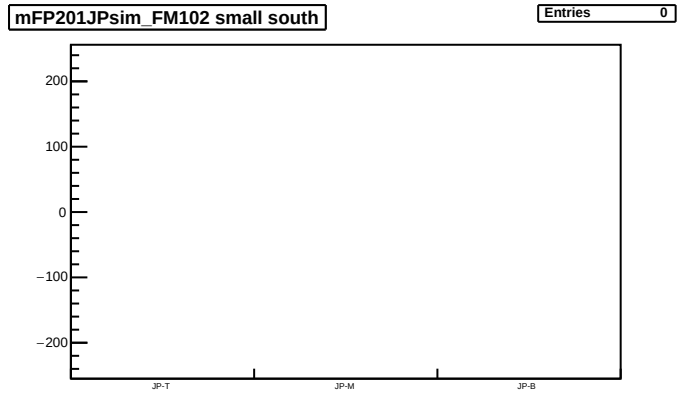

mFP201BS_FM104 large south
Entries 473920
3
21
525
7
4
94781
94763
94259
94777
94780
BS3
BS2
BS1-T
BS1-M
BS1-B

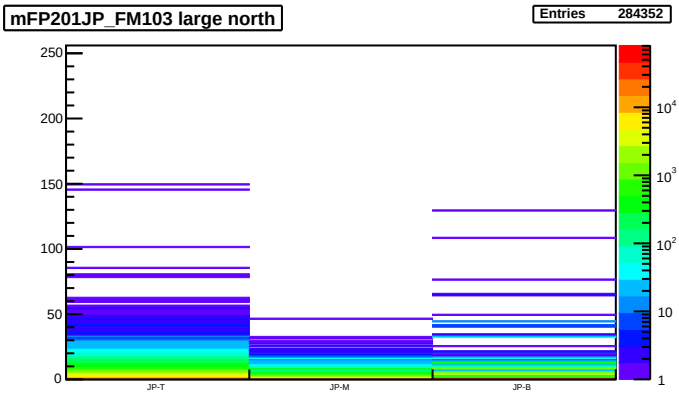

mFP201BSsim_FM104 large south
Entries 1293
3
21
90
542
637
BS3
BS2
BS1-T
BS1-M
BS1-B

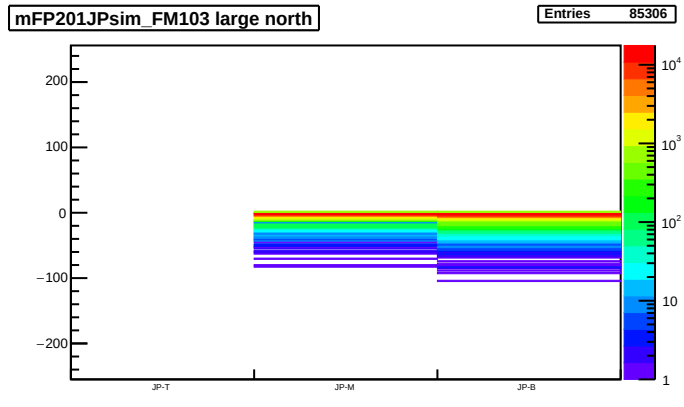

mFP201JP_FM101 small north
Entries 284352
JP-T
JP-M
JP-B

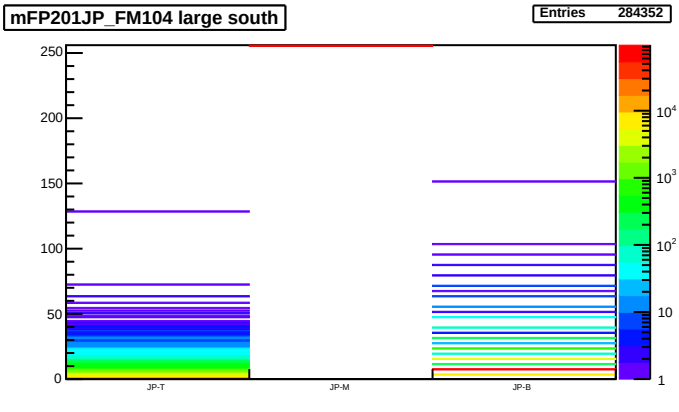

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

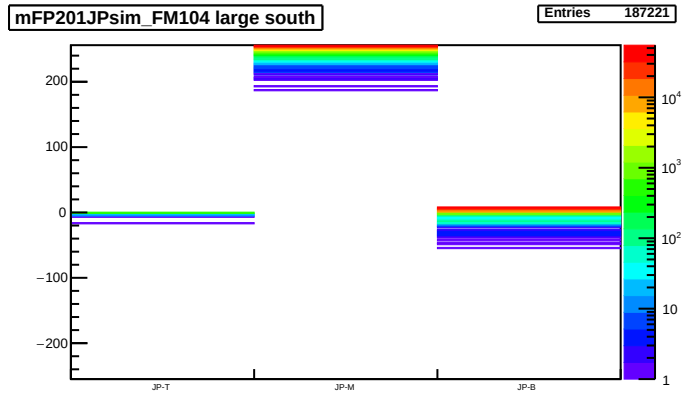

mFP201JP_FM102 small south
Entries 284352
JP-T
JP-M
JP-B

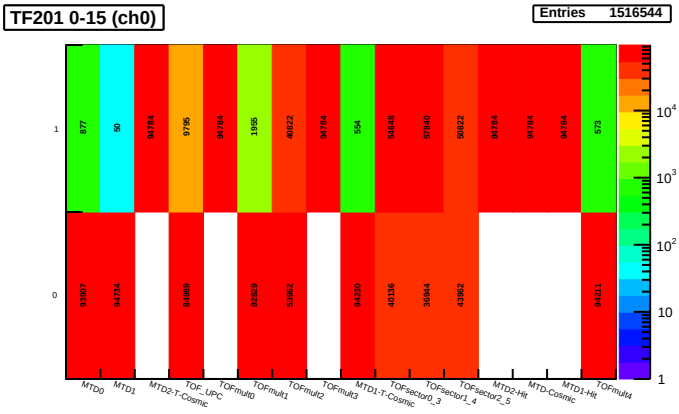

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

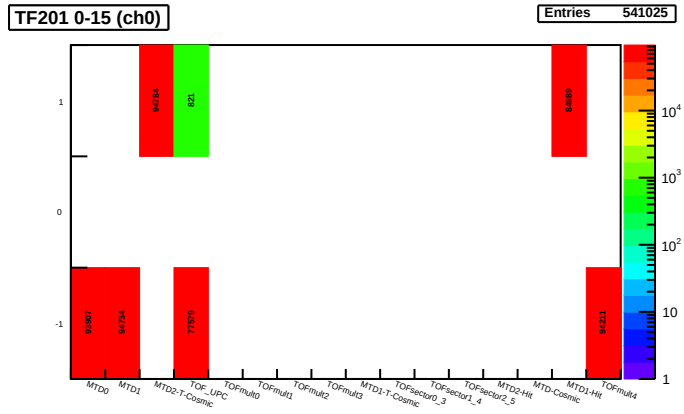

mFP201JP_FM103 large north
Entries 284352
JP-T
JP-M
JP-B

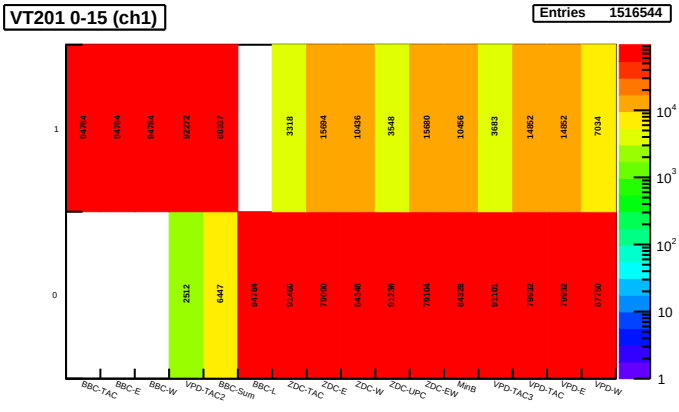

mFP201JPsim_FM103 large north
Entries 85306
JP-T
JP-M
JP-B

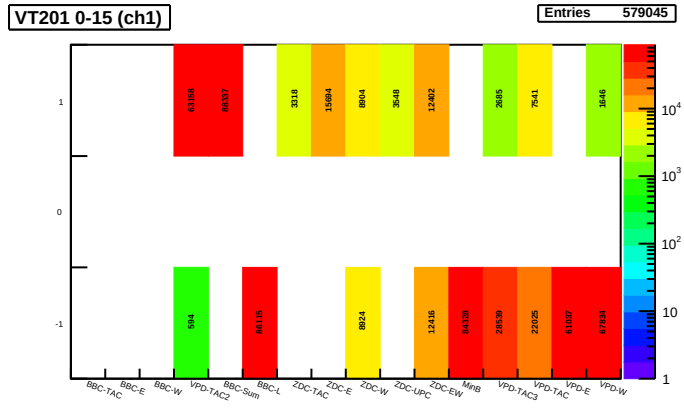

mFP201JP_FM104 large south
Entries 284352
JP-T
JP-M
JP-B

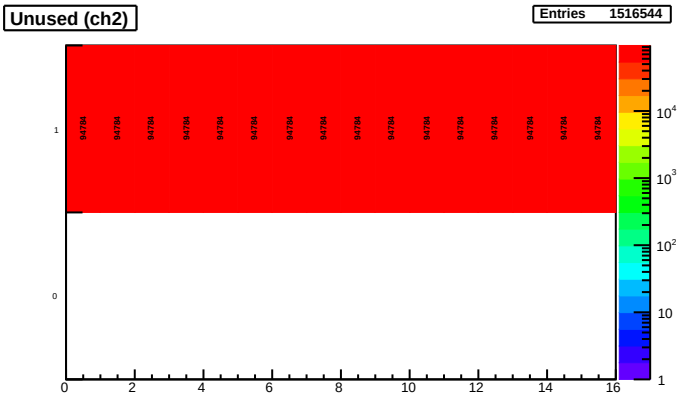

mFP201JPsim_FM104 large south
Entries 187221
JP-T
JP-M
JP-B

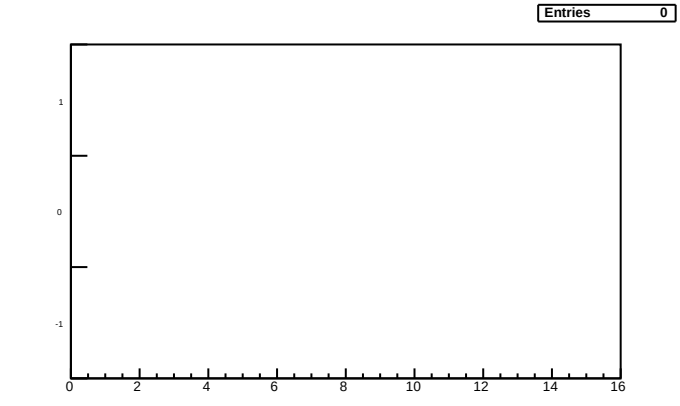

TF201 0-15 (ch0)
Entries 1516544
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

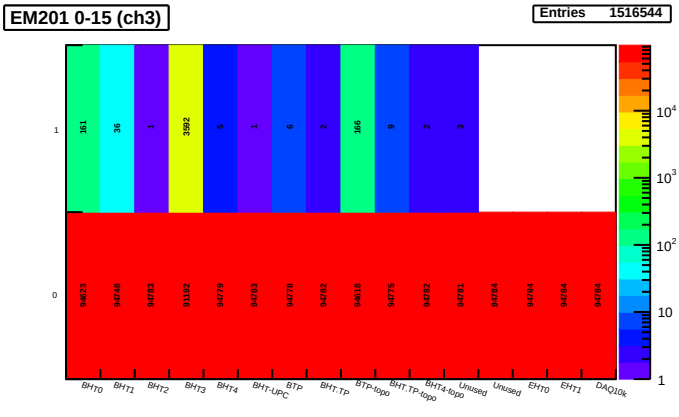

TF201 0-15 (ch0)
Entries 541025
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

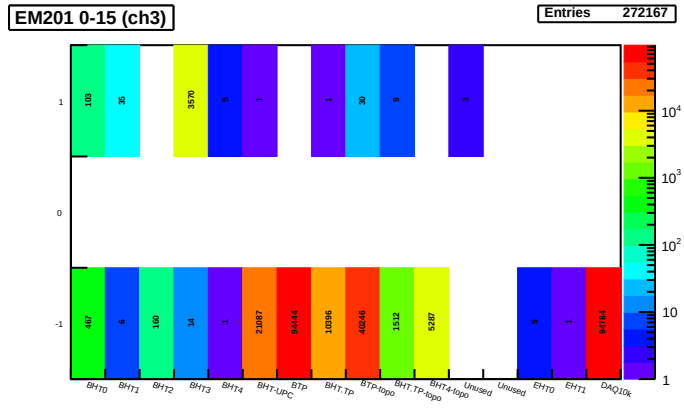

VT201 0-15 (ch1)
Entries 1516544
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 579045
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

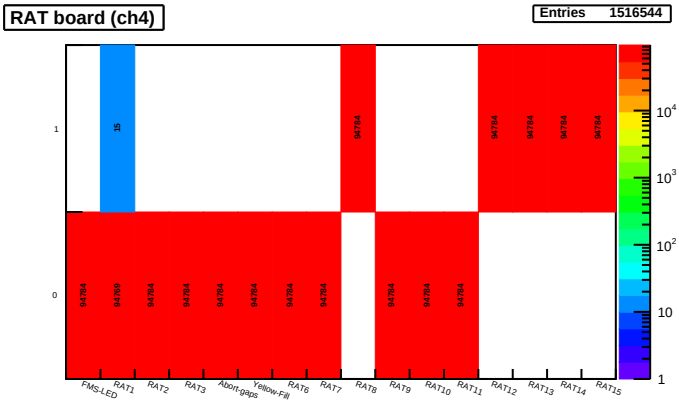

Unused (ch2)
Entries 1516544

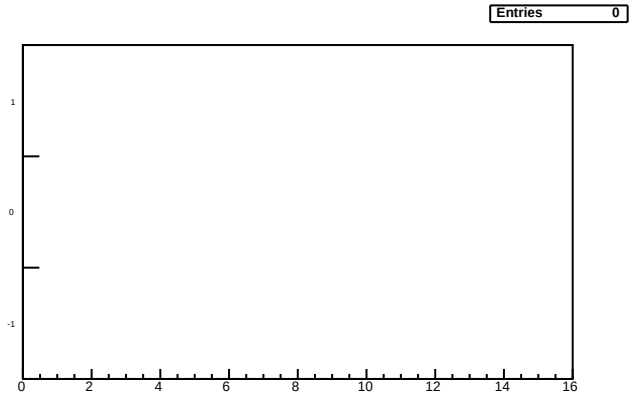

Entries 0


EM201 0-15 (ch3)
Entries 1516544
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

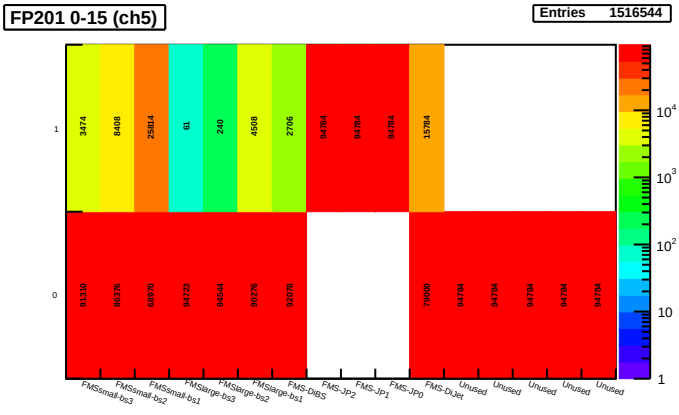

EM201 0-15 (ch3)
Entries 272167
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

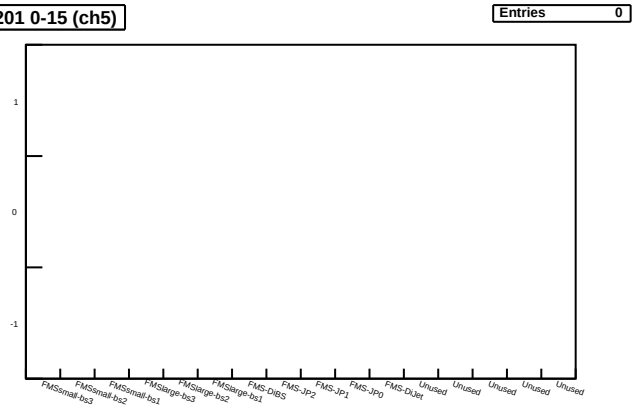




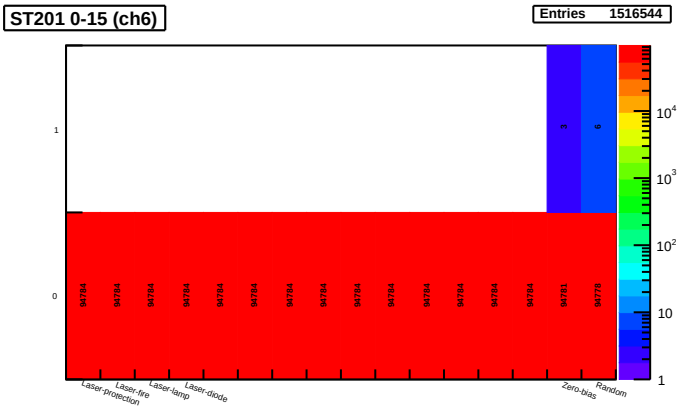
FP201 0-15 (ch5)

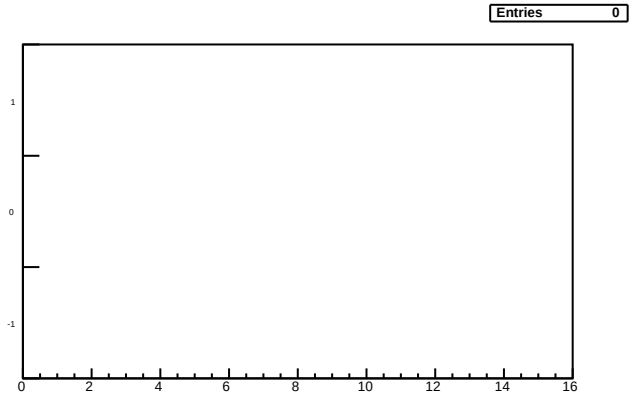
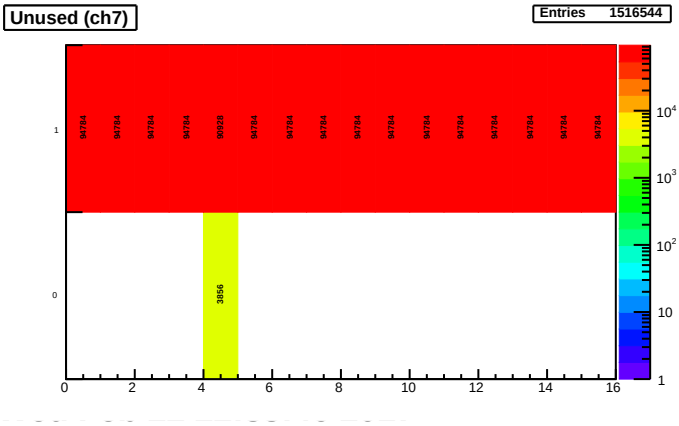
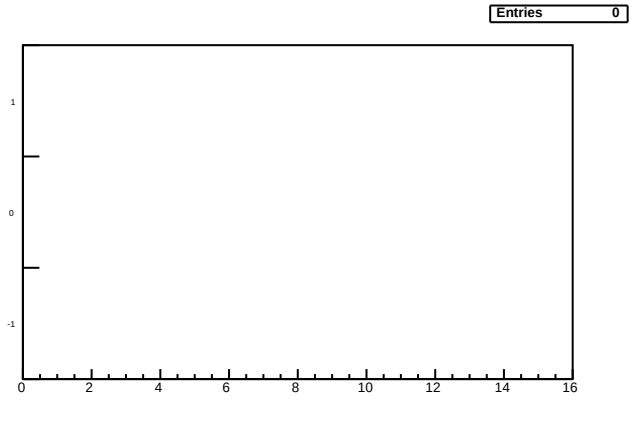


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)