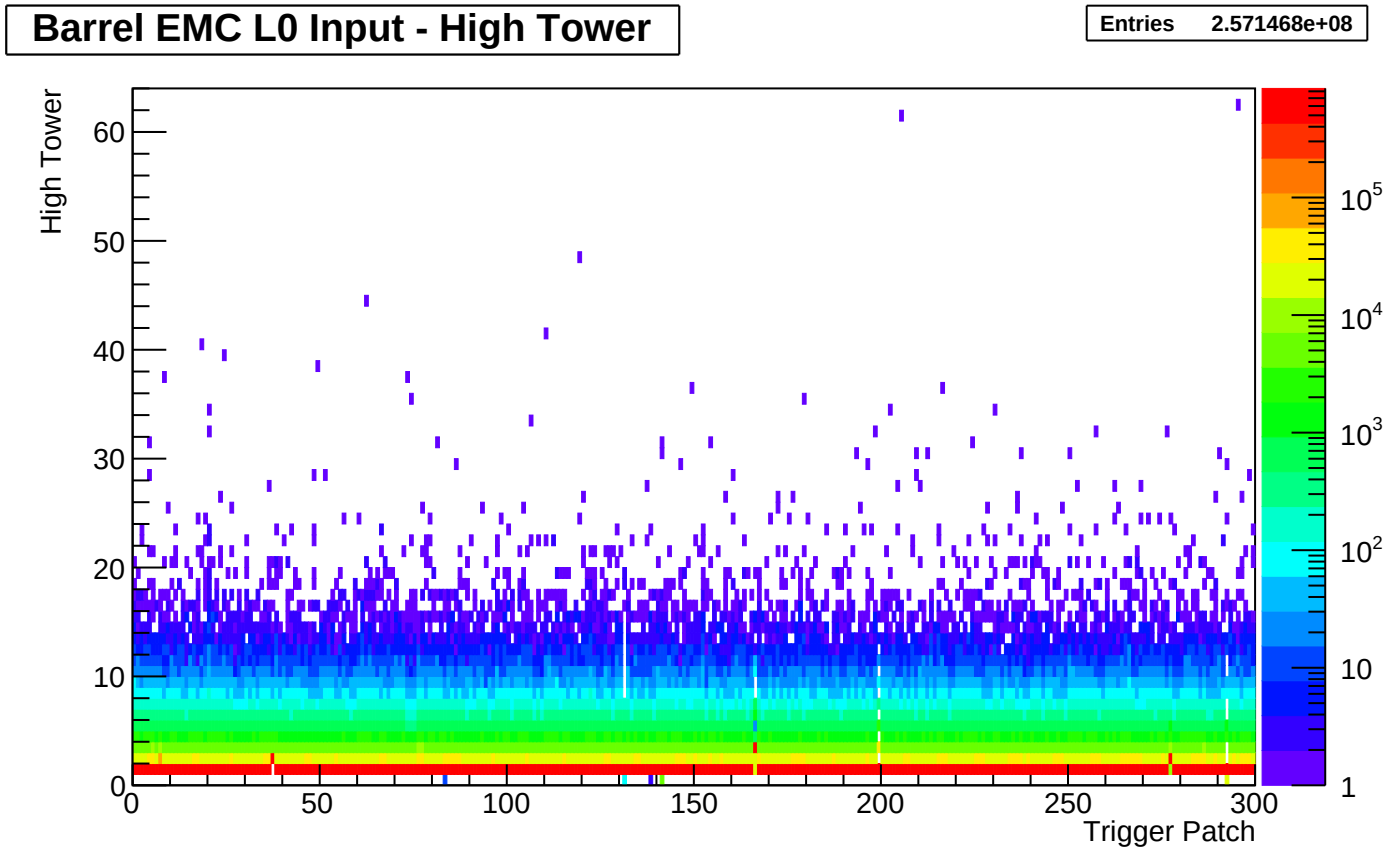
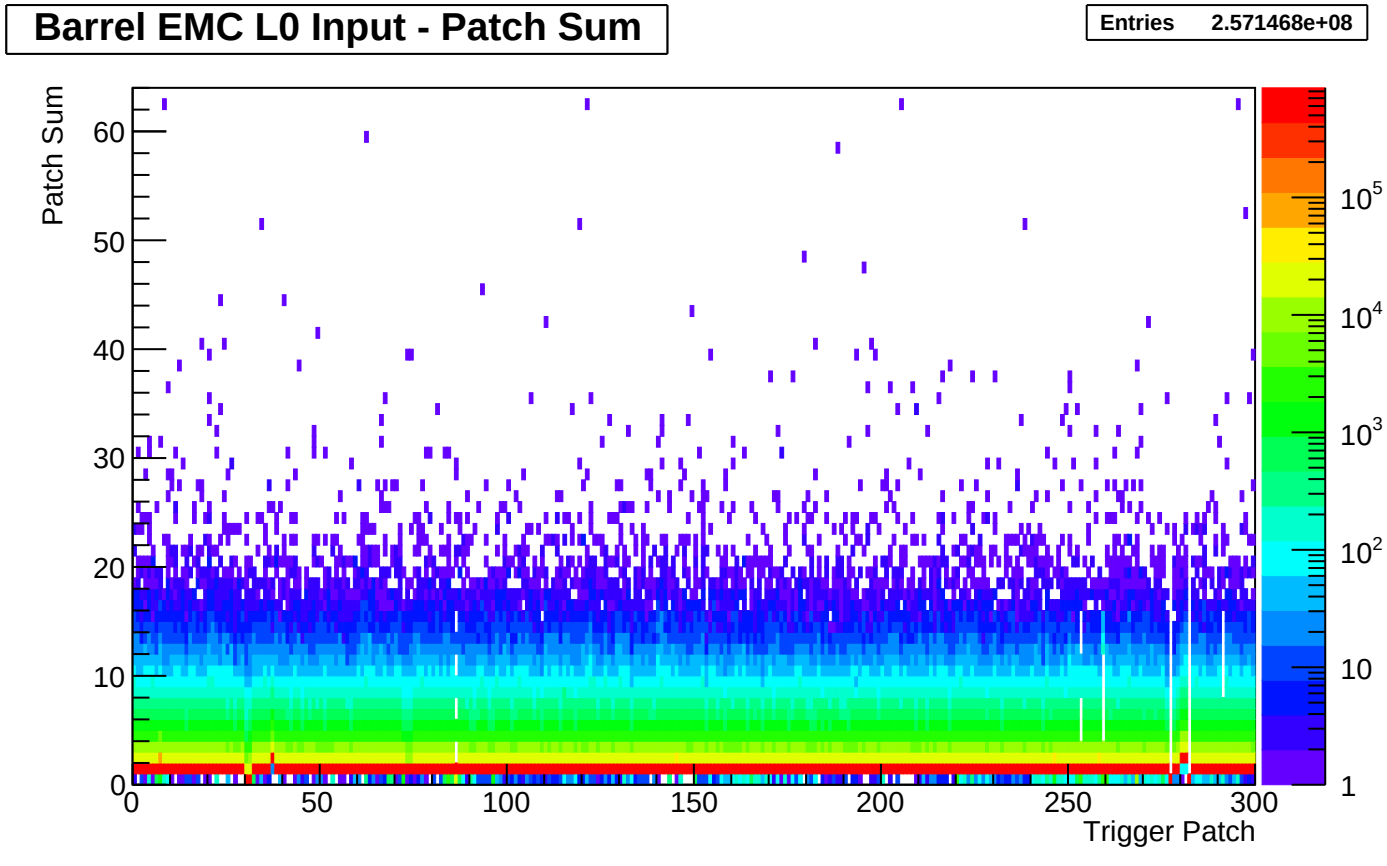
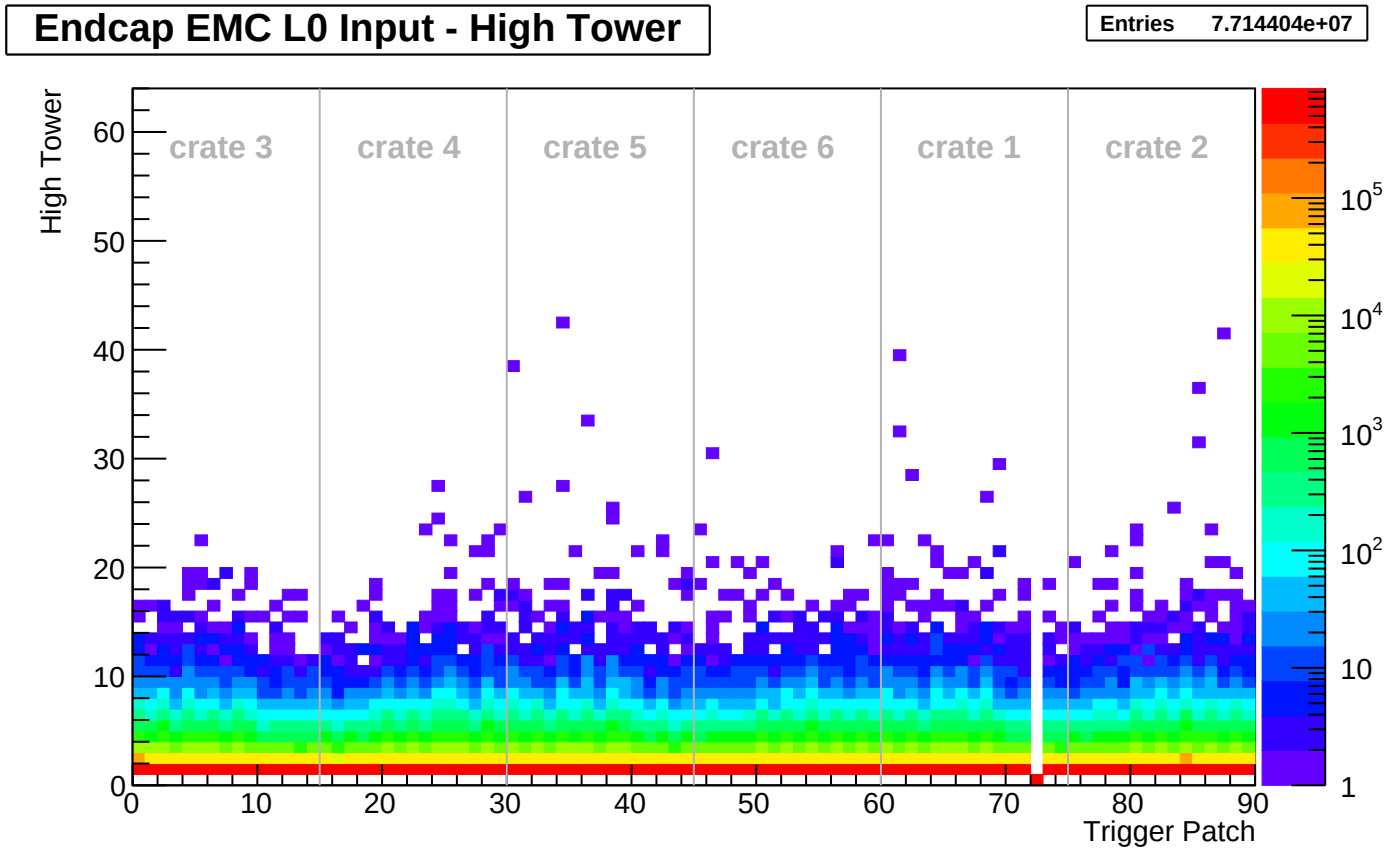
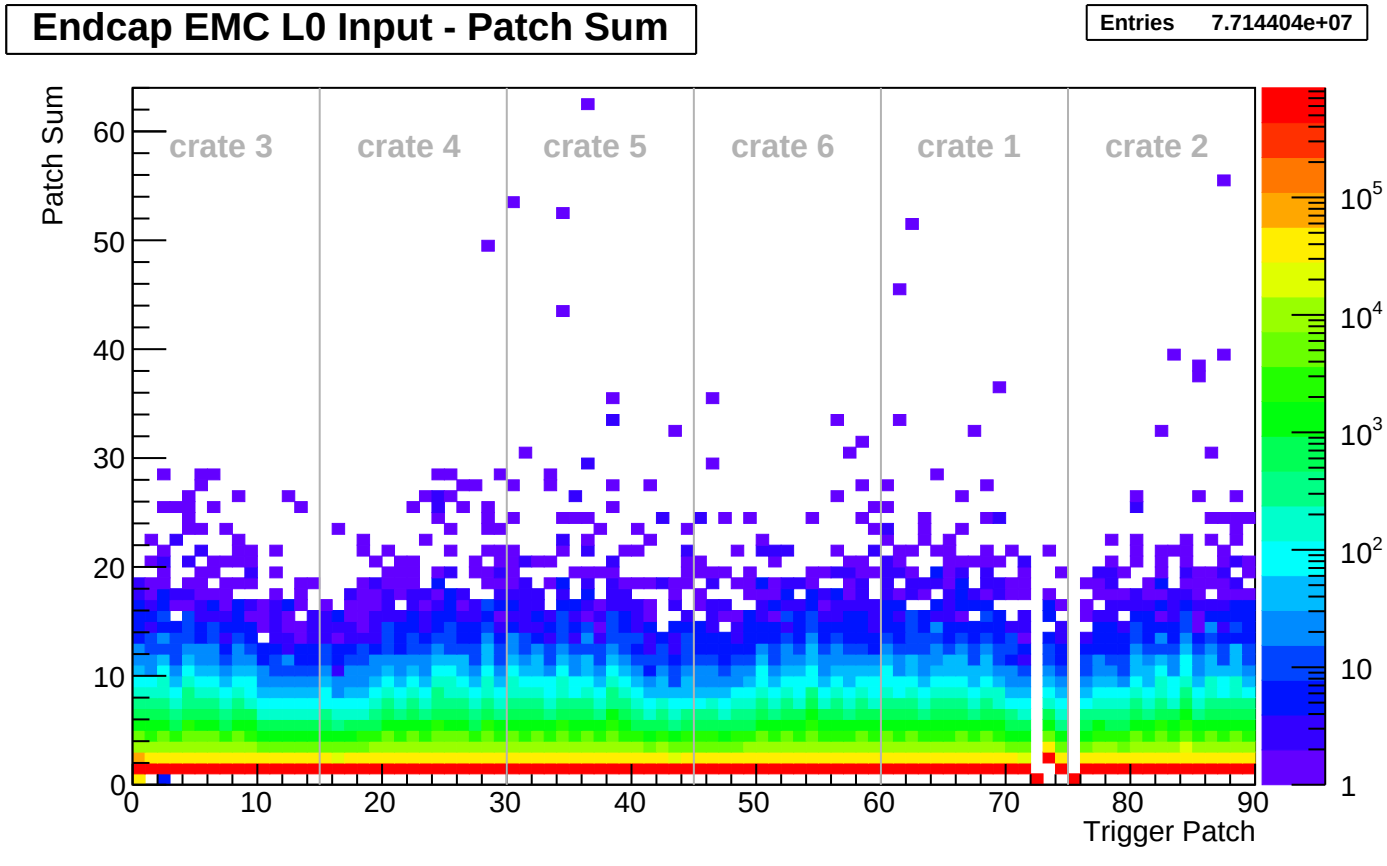
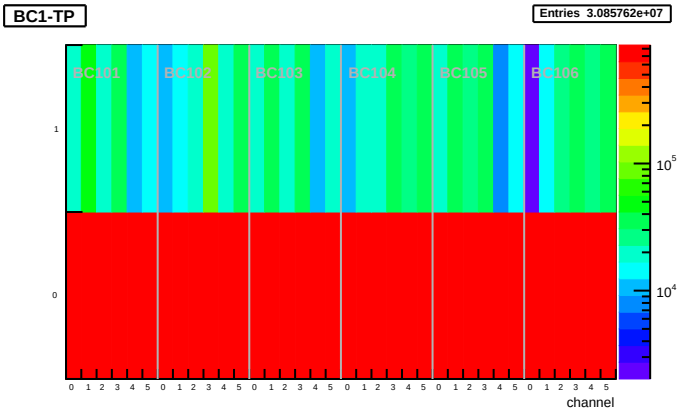
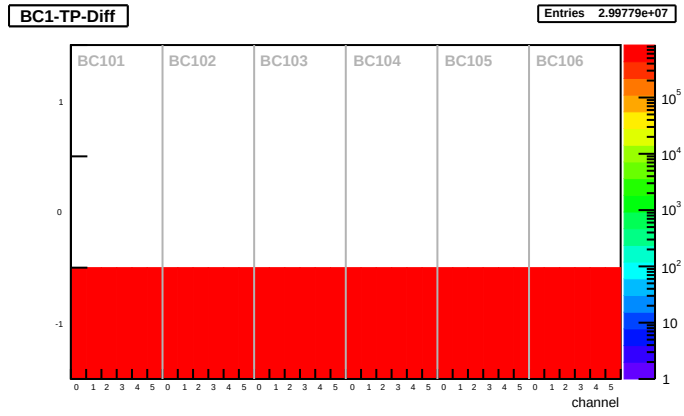

Barrel EMC L0 Input - High Tower
Entries 2.571468e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

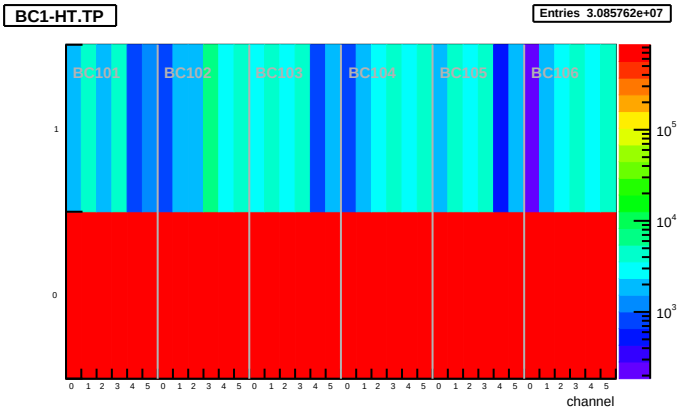

Barrel EMC L0 Input - Patch Sum
Entries 2.571468e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

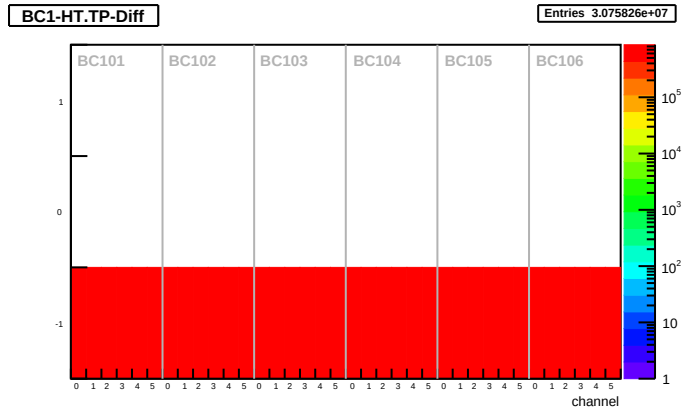

Endcap EMC L0 Input - High Tower
Entries 7.714404e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

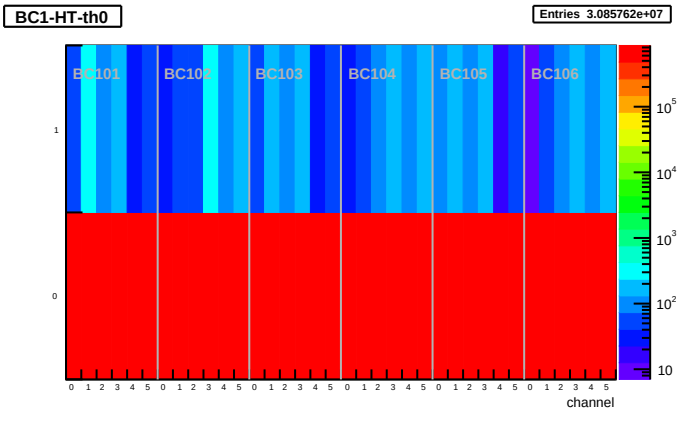

Endcap EMC L0 Input - Patch Sum
Entries 7.714404e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

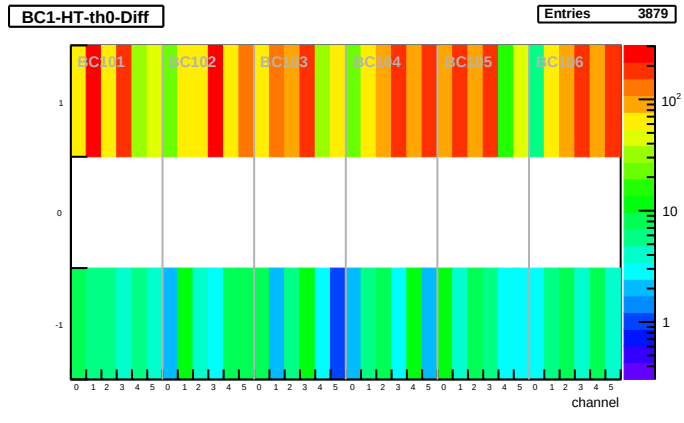

BC1-TP
Entries 3.085762e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

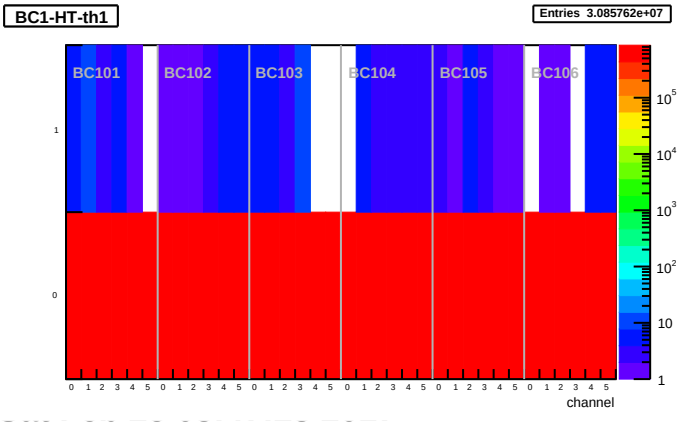

BC1-TP-Diff
Entries 2.99779e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

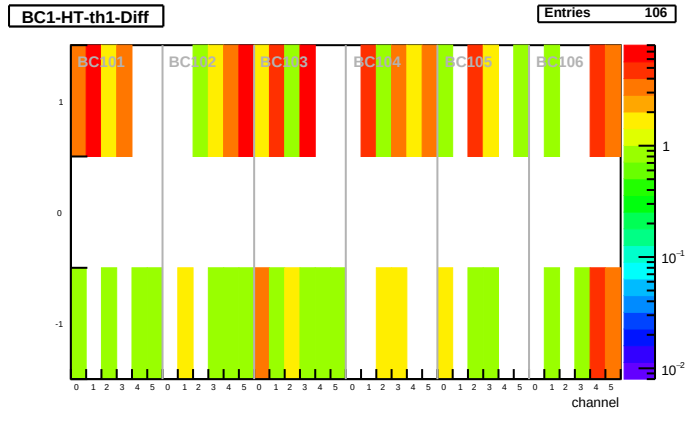

BC1-HT.TP
Entries 3.085762e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 3.075826e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 3.085762e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

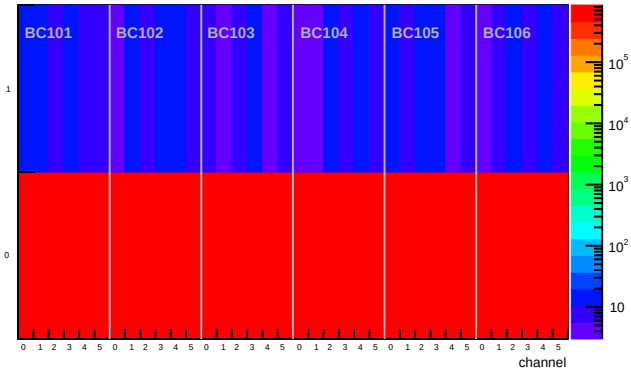

BC1-HT-th0-Diff
Entries 3879
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 3.085762e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 106
BC101
BC102
BC103
BC104
BC105
BC106
channel

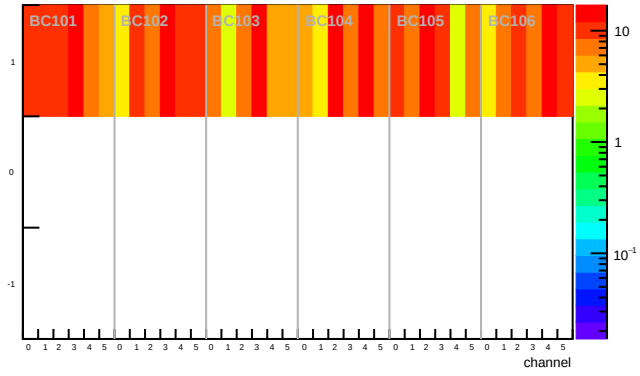
BC1-HT-th2

Entries 3.085762e+07



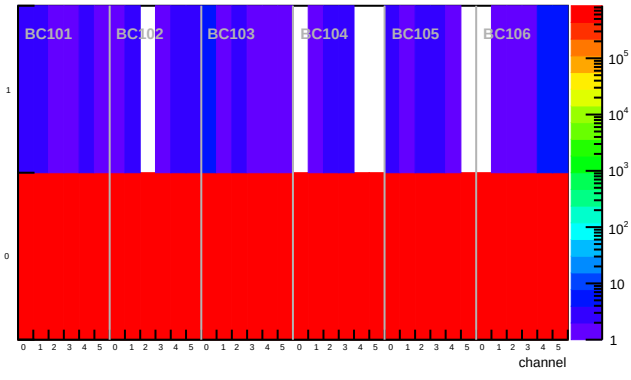
BC1-HT-th2-Diff

Entries 307



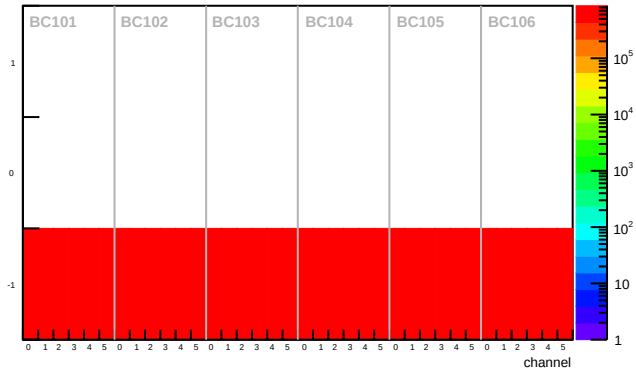
BC1-HT-th3

Entries 3.085762e+07



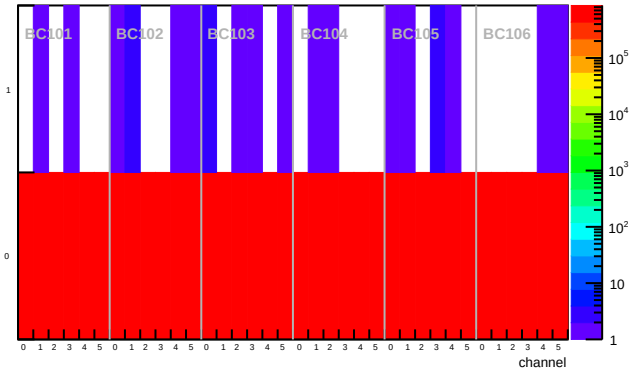
BC1-HT-th3-Diff

Entries 3.085756e+07



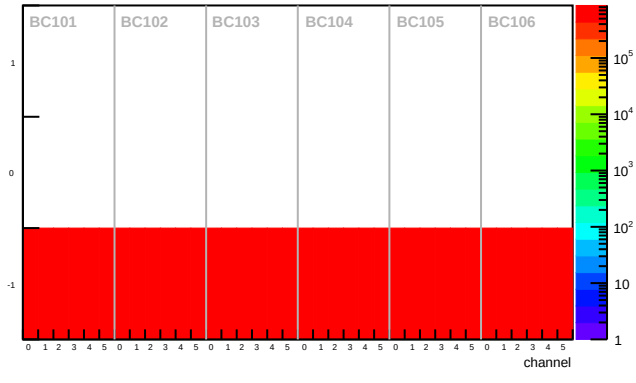
BC1-HT-th4

Entries 3.085762e+07



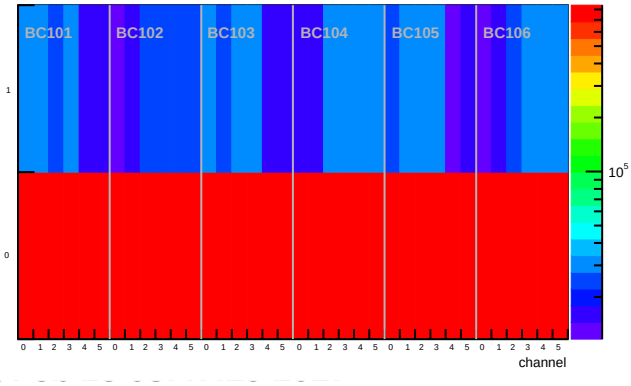
BC1-HT-th4-Diff

Entries 3.085759e+07



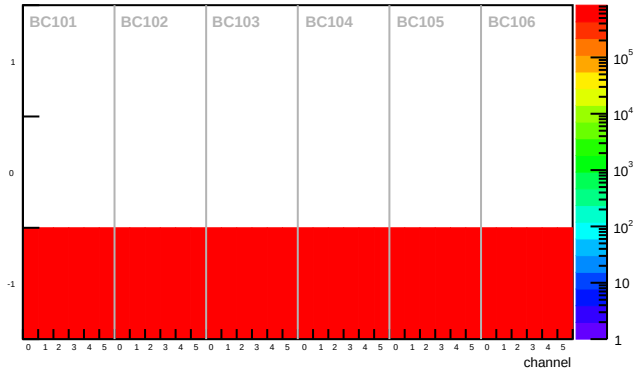
BC1-HT-UPC

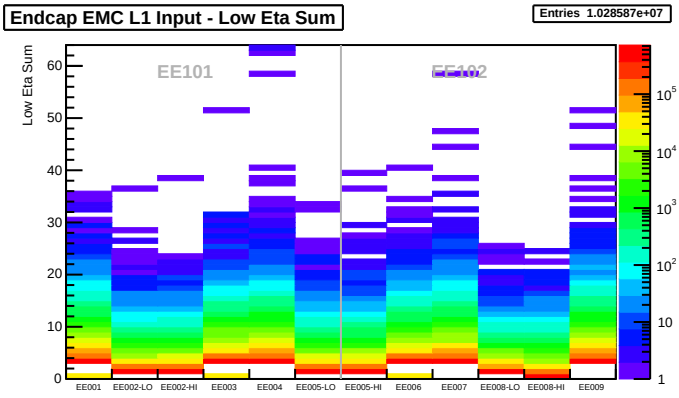
Entries 3.085762e+07

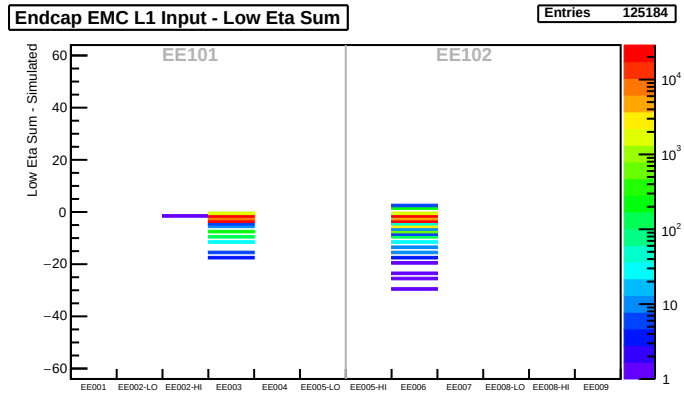


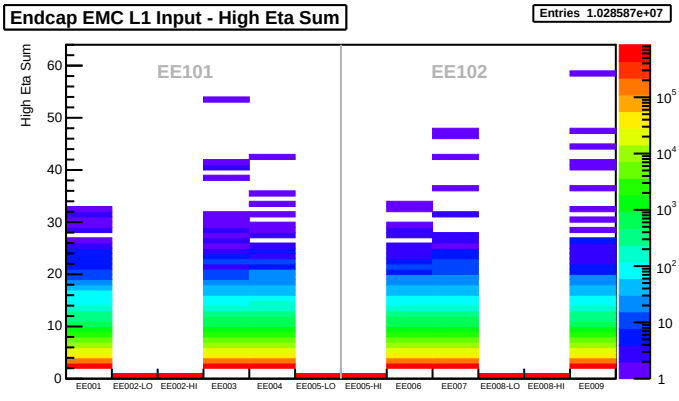
BC1-HT-UPC-Diff

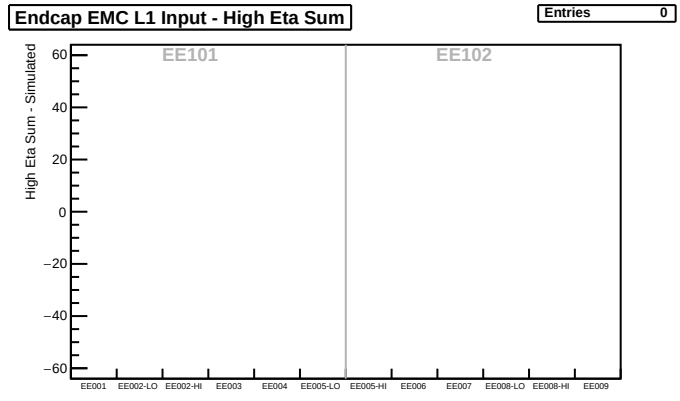
Entries 3.000992e+07

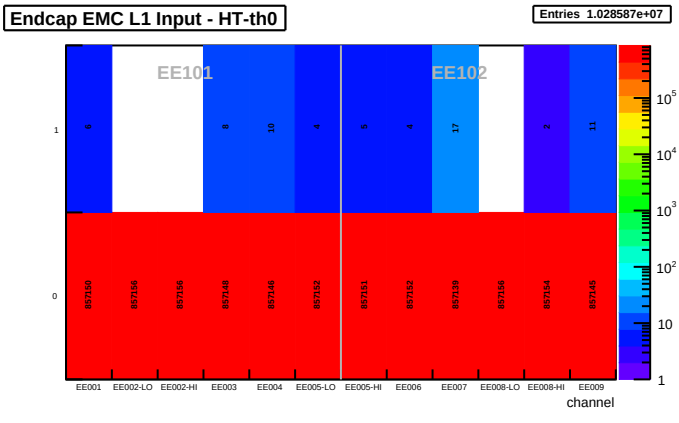


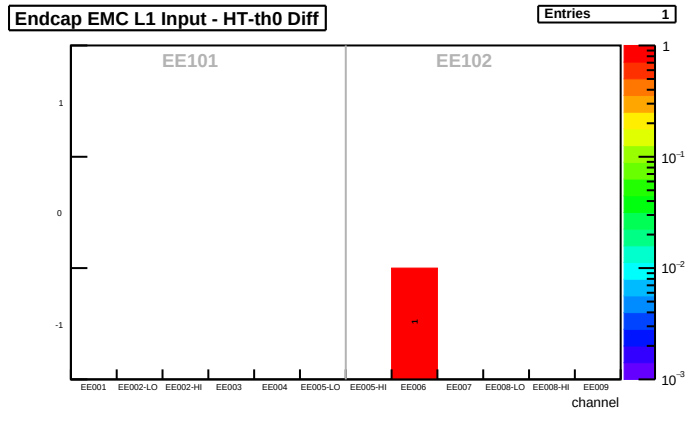

Endcap EMC L1 Input - Low Eta Sum
Entries 1.028587e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

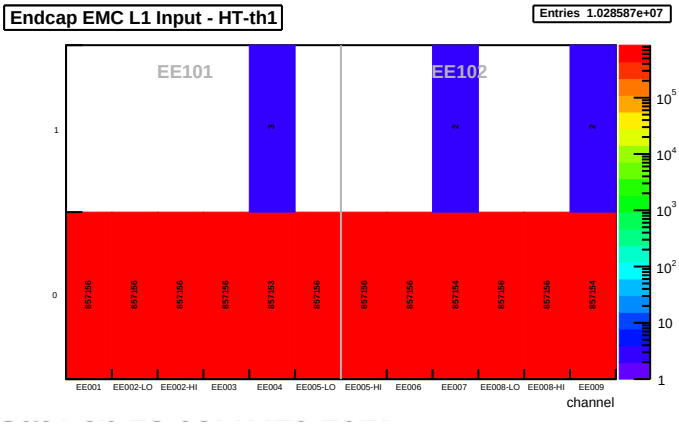

Endcap EMC L1 Input - Low Eta Sum
Entries 125184
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

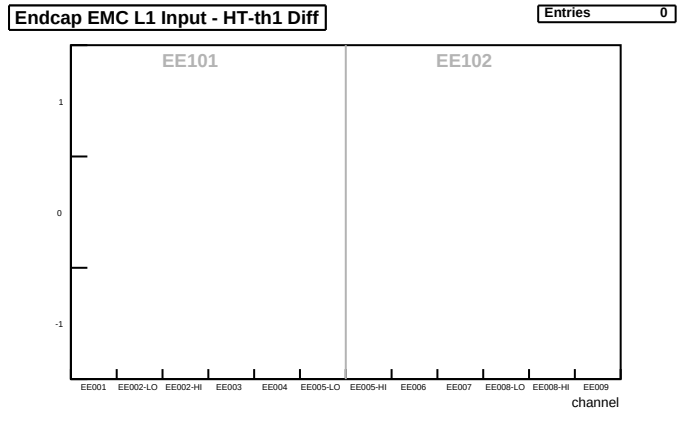

Endcap EMC L1 Input - High Eta Sum
Entries 1.028587e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009


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

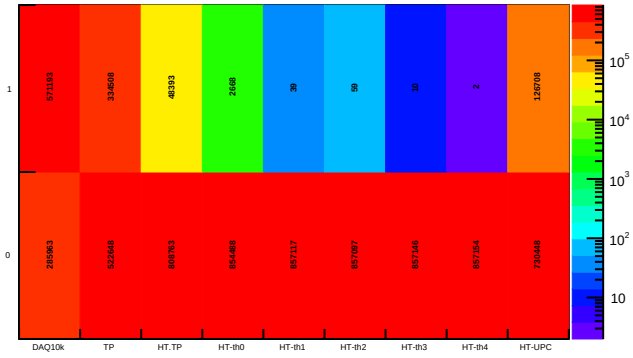

Endcap EMC L1 Input - HT-th0
Entries 1.028587e+07
EE101
EE102
channel


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

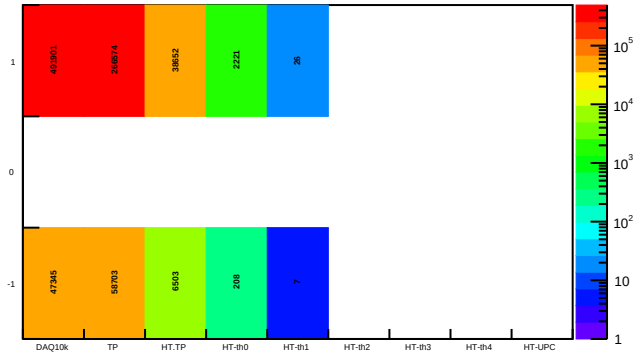

Endcap EMC L1 Input - HT-th1
Entries 1.028587e+07
EE101
EE102
channel


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

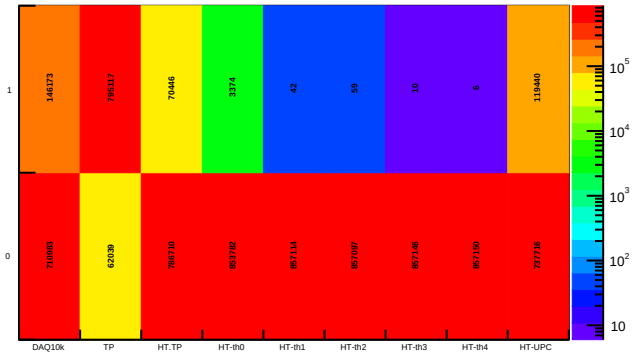
EM201-BC101 Entries 7714404



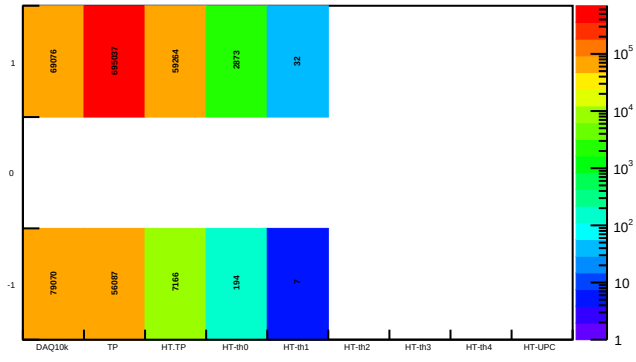
EM201-BC101Diff Entries 912140



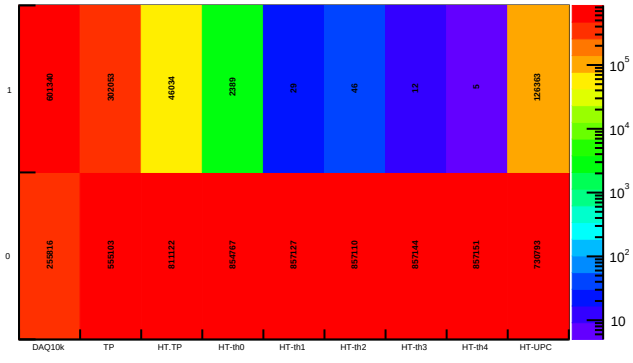
EM201-BC102 Entries 7714404



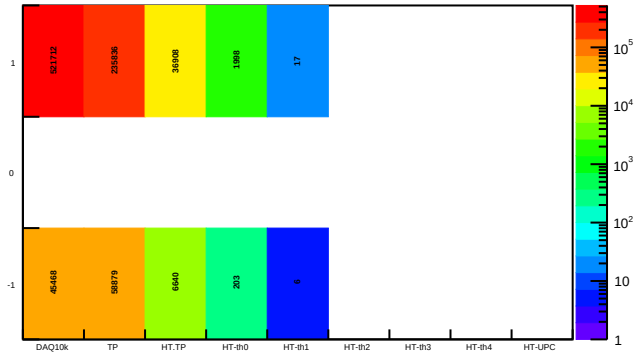
EM201-BC102Diff Entries 968806



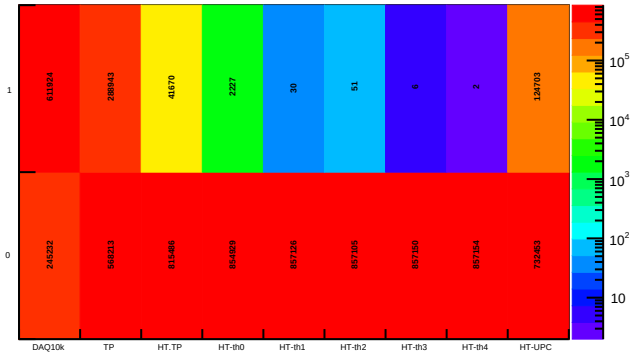
EM201-BC103 Entries 7714404



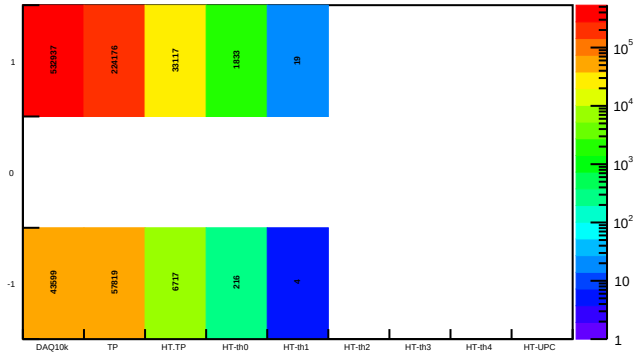
EM201-BC103Diff Entries 907667



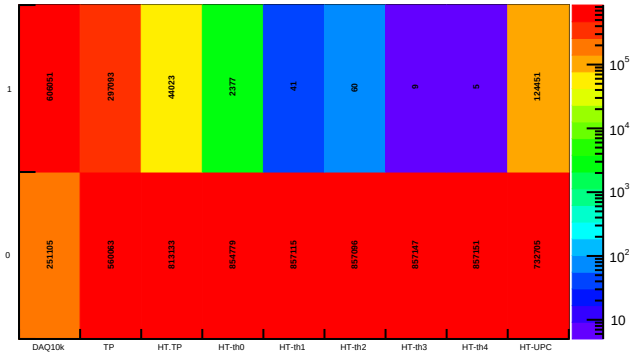
EM201-BC104 Entries 7714404



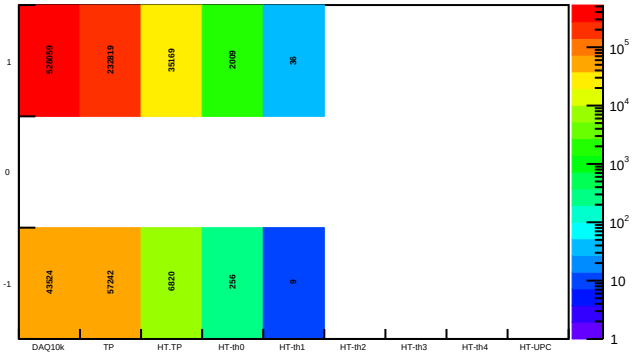
EM201-BC104Diff Entries 900437



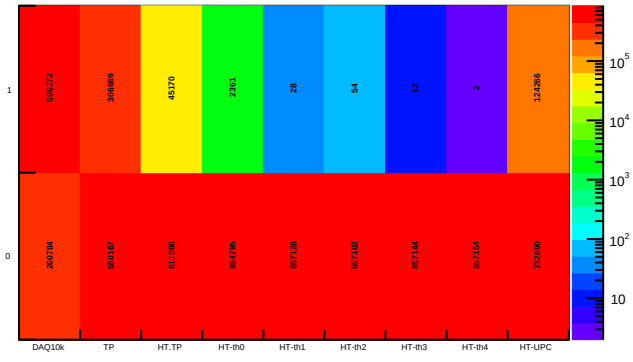
EM201-BC105 Entries 7714404



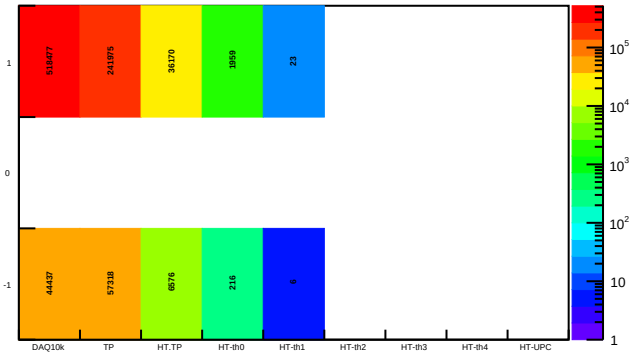
EM201-BC105Diff Entries 905943



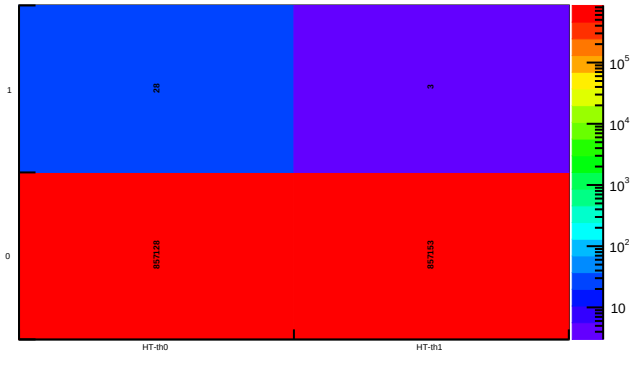
EM201-BC106 Entries 7714404



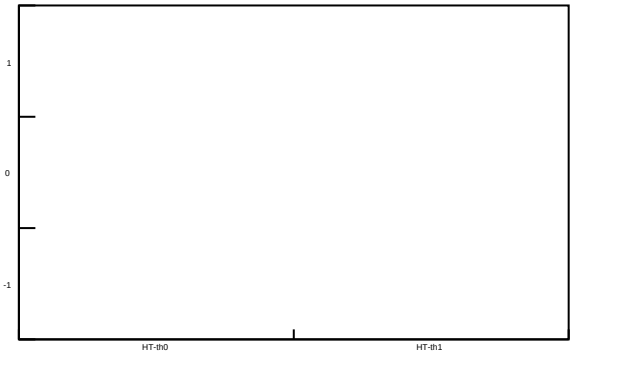
EM201-BC106Diff Entries 907157



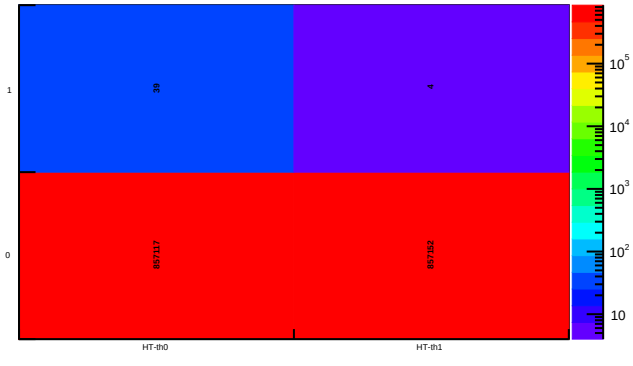
EM201-EE101 Entries 1714312



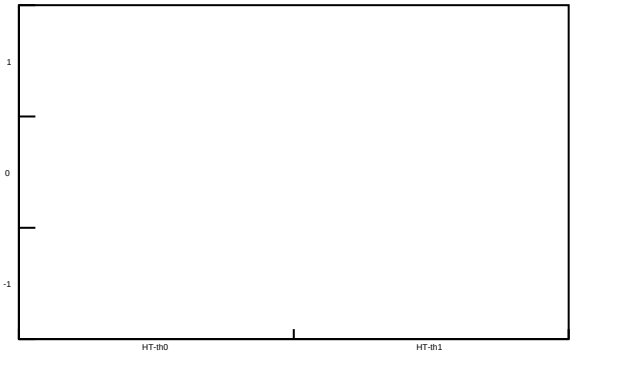
EM201-EE101Diff Entries 0

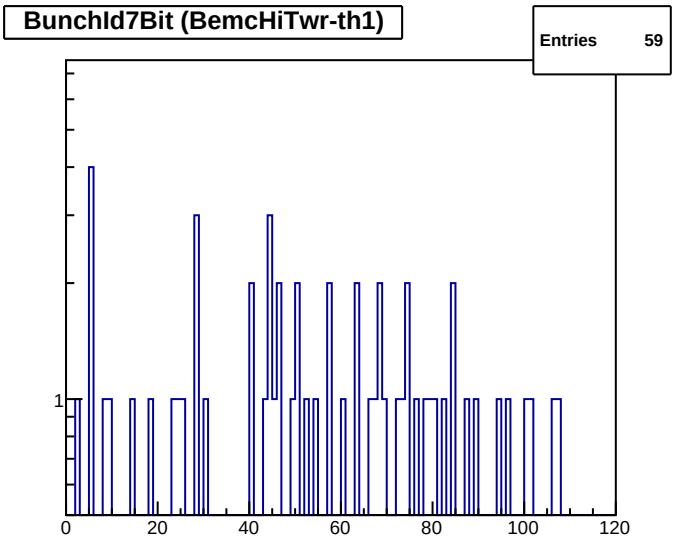


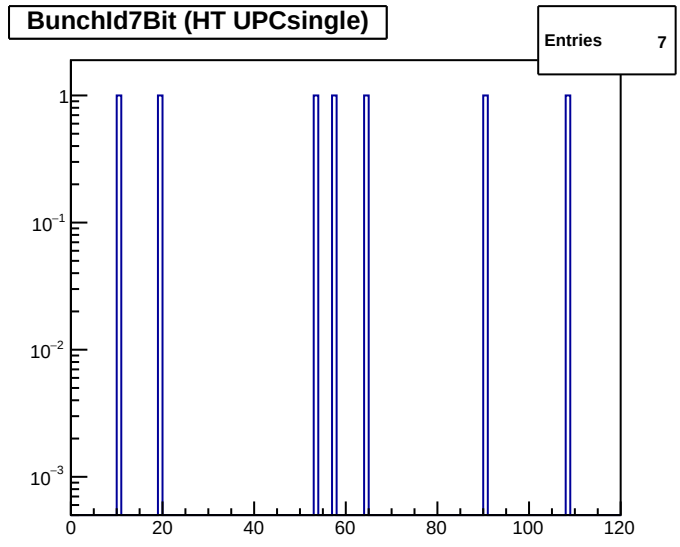
EM201-EE102 Entries 1714312

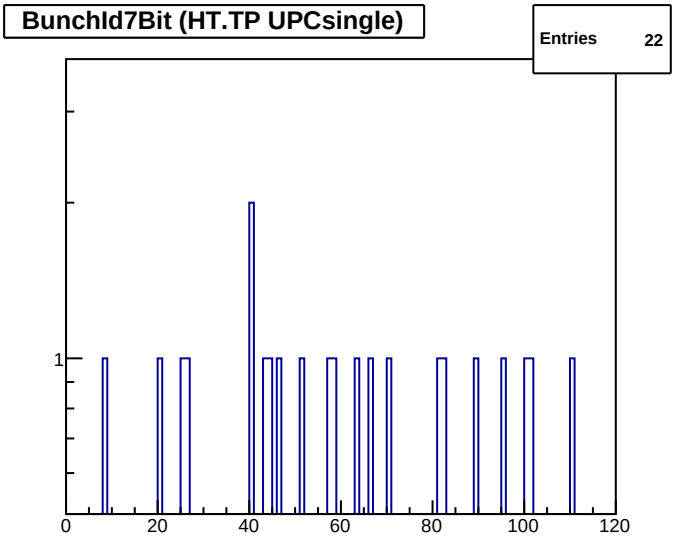


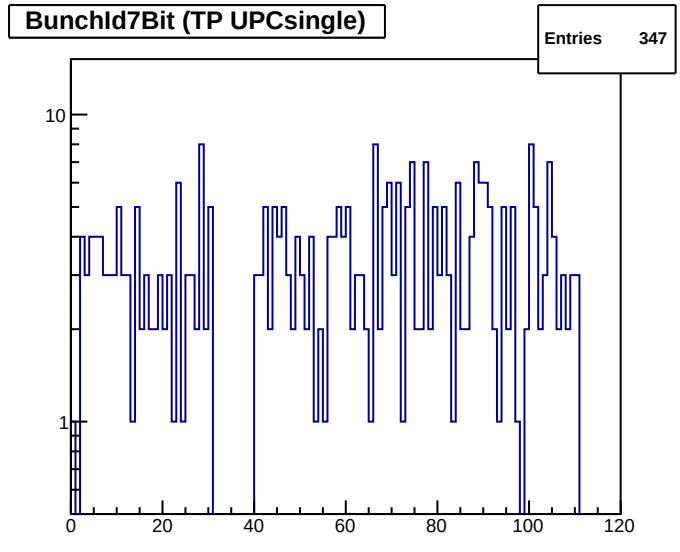
EM201-EE102Diff Entries 0

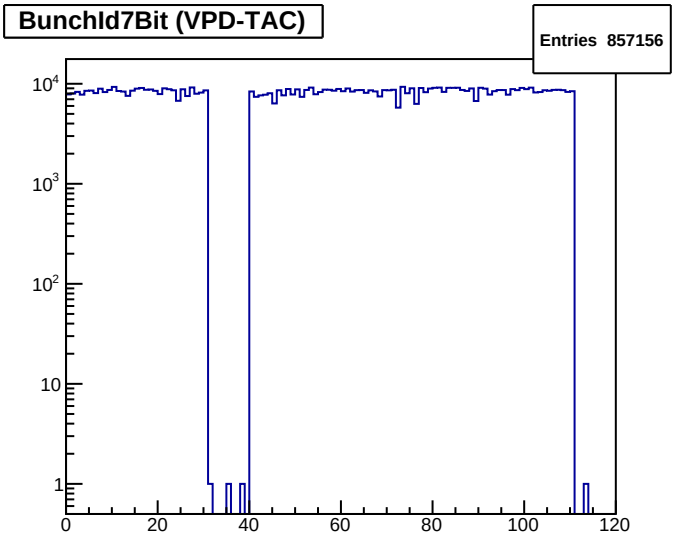


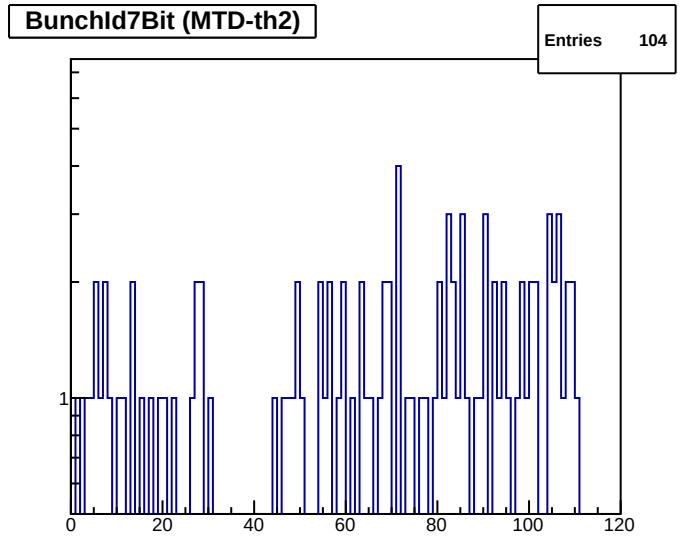

BunchId7Bit (BemcHiTwr-th1)
Entries 59
1
0 20 40 60 80 100 120

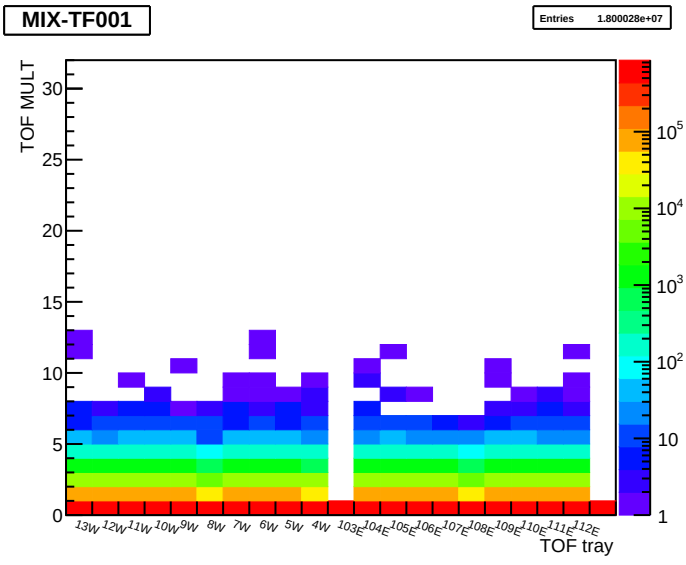

BunchId7Bit (HT UPCsingle)
Entries 7
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

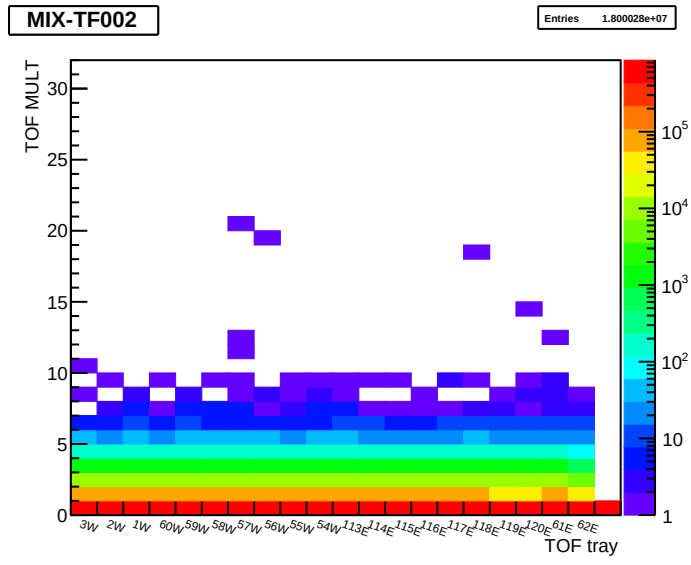

BunchId7Bit (HT.TP UPCsingle)
Entries 22
1
0 20 40 60 80 100 120

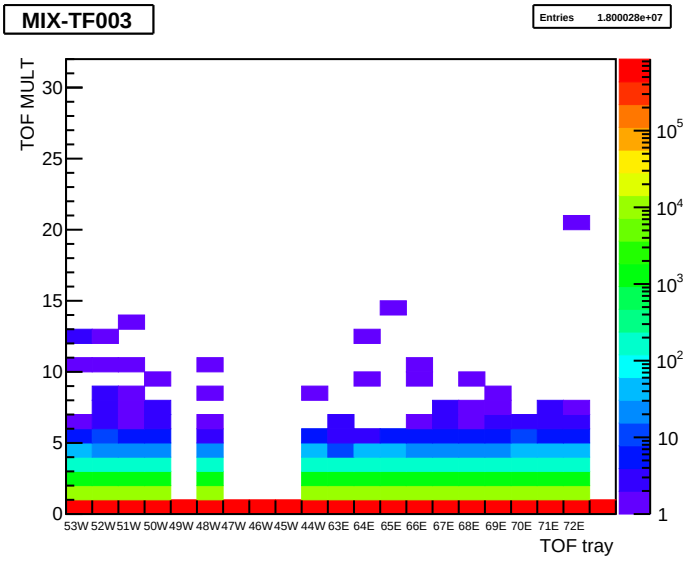

BunchId7Bit (TP UPCsingle)
Entries 347
10
1
0 20 40 60 80 100 120

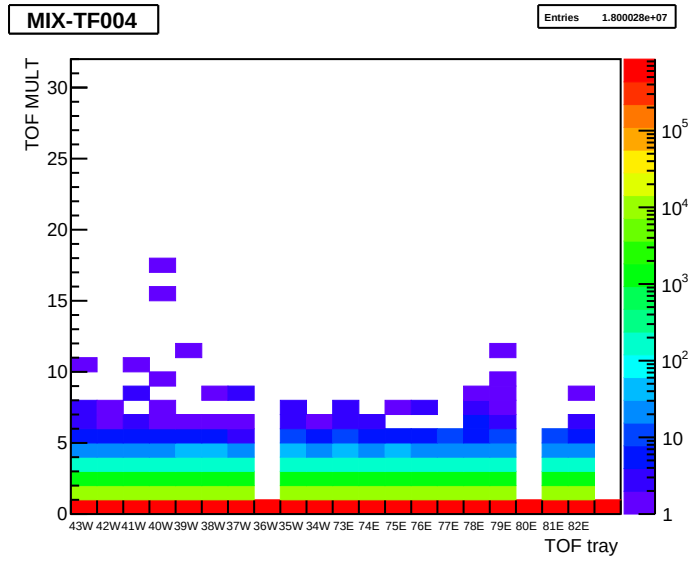

BunchId7Bit (VPD-TAC)
Entries 857156
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

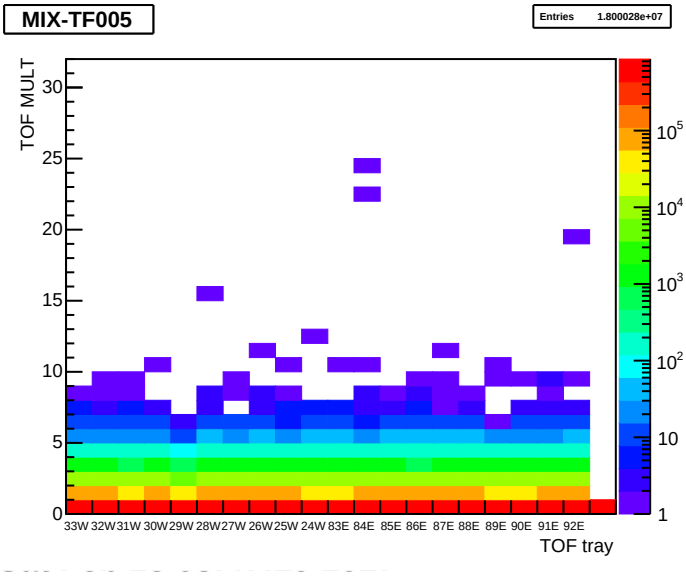

BunchId7Bit (MTD-th2)
Entries 104
1
0 20 40 60 80 100 120

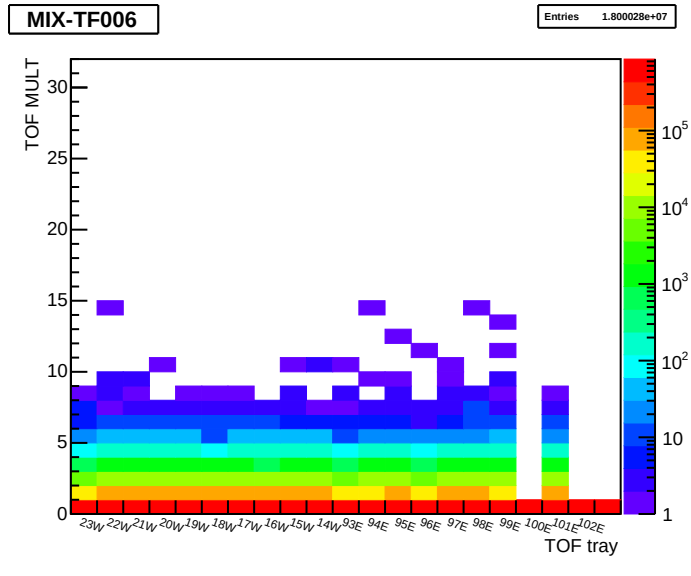

MIX-TF001
Entries 1.800028e+07
TOF MULT
TOF tray

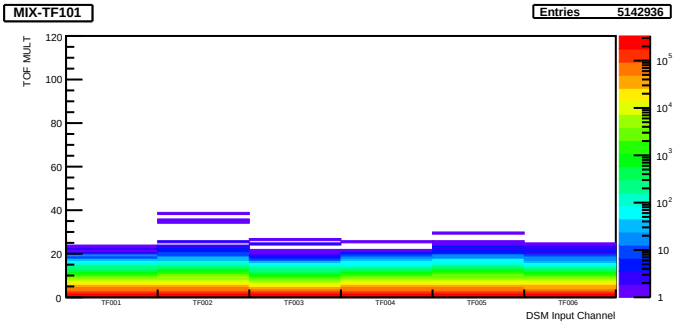

MIX-TF002
Entries 1.800028e+07
TOF MULT
TOF tray

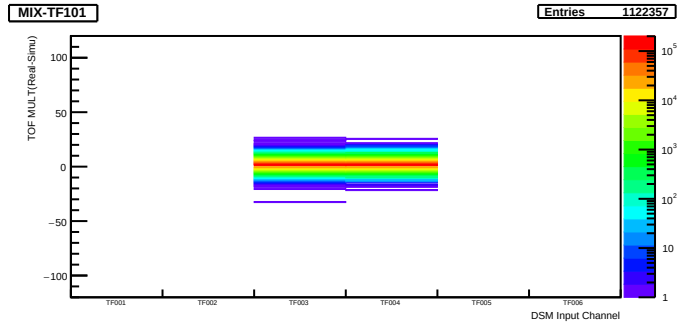

MIX-TF003
Entries 1.800028e+07
TOF MULT
TOF tray

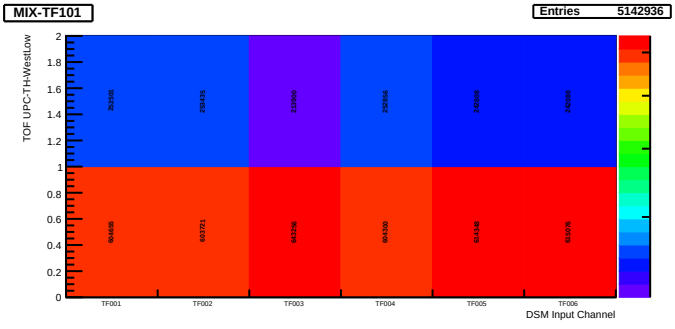

MIX-TF004
Entries 1.800028e+07
TOF MULT
TOF tray

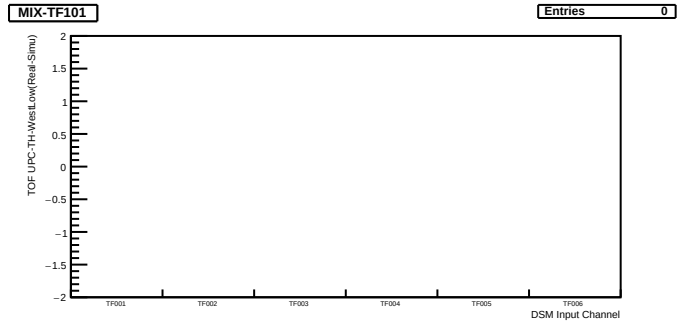

MIX-TF005
Entries 1.800028e+07
TOF MULT
TOF tray

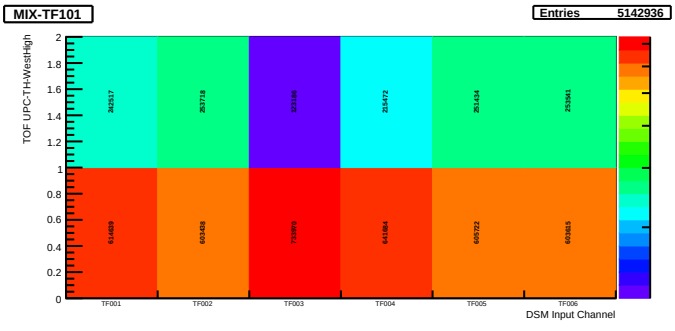

MIX-TF006
Entries 1.800028e+07
TOF MULT
TOF tray

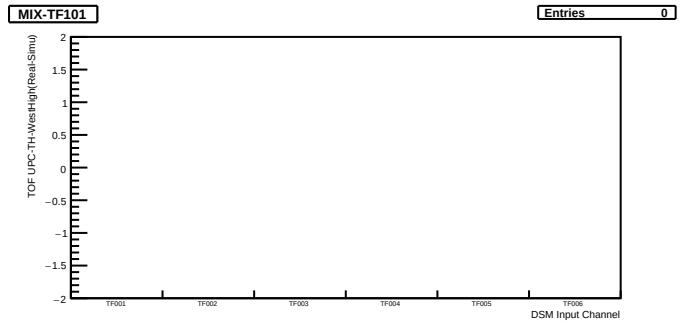

MIX-TF101
Entries 5142936
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

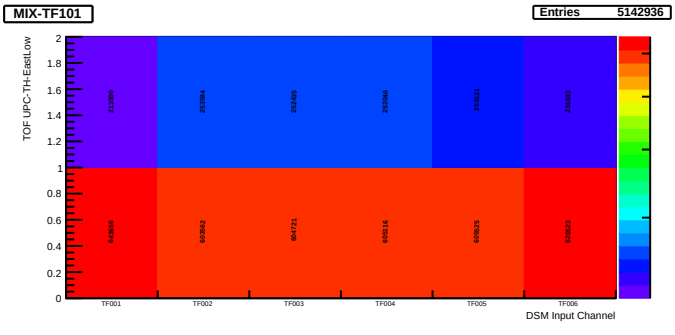

MIX-TF101
Entries 1122357
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

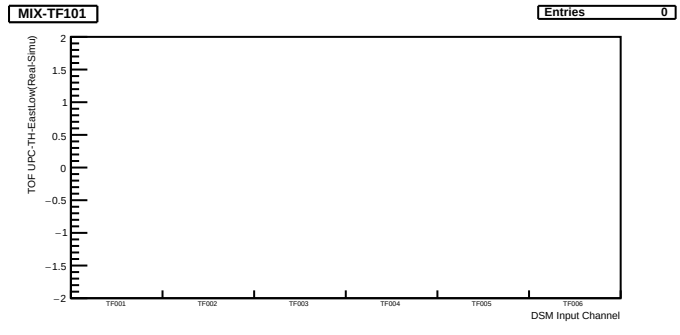

MIX-TF101
Entries 5142936
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

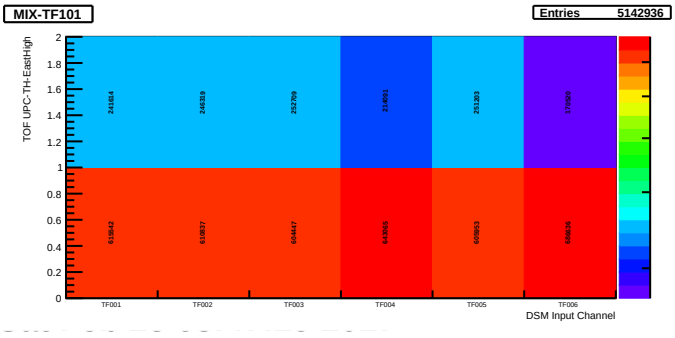

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

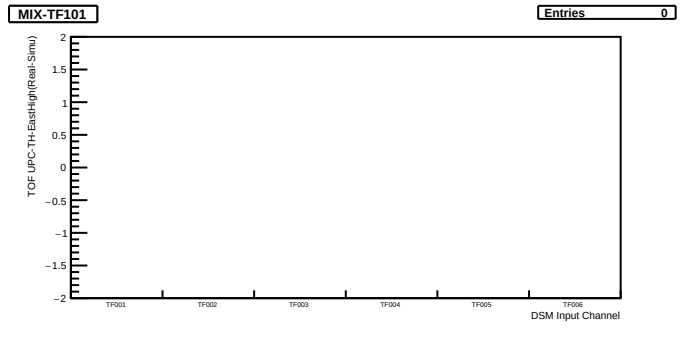

MIX-TF101
Entries 5142936
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

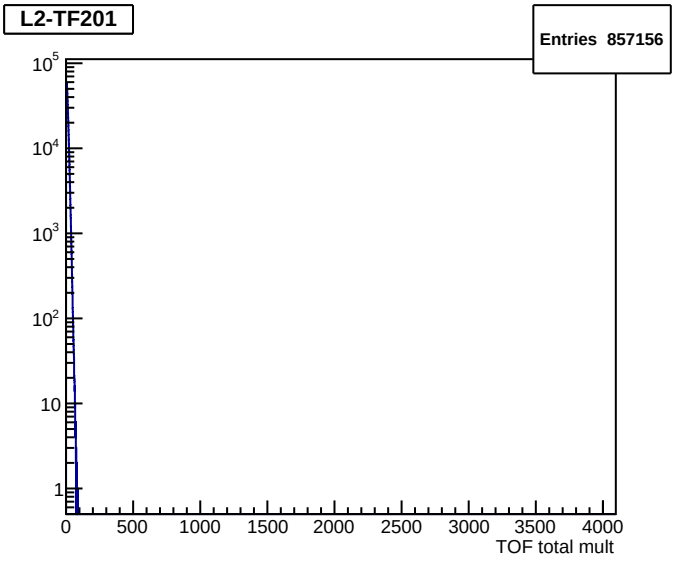

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

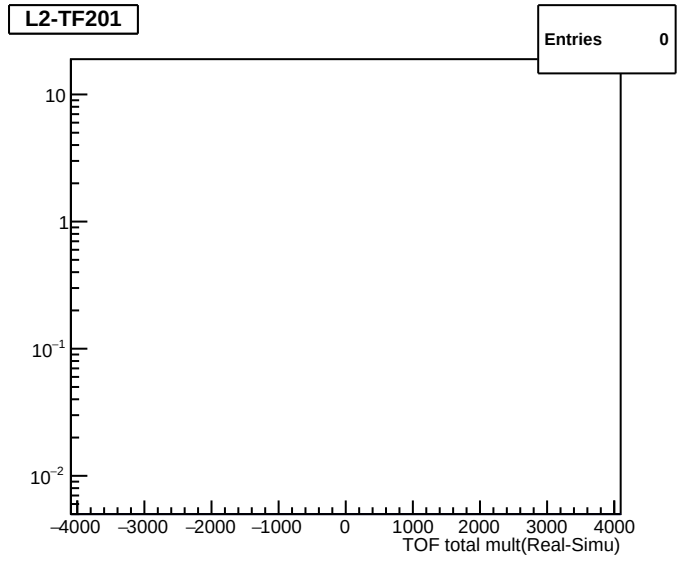

MIX-TF101
Entries 5142936
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

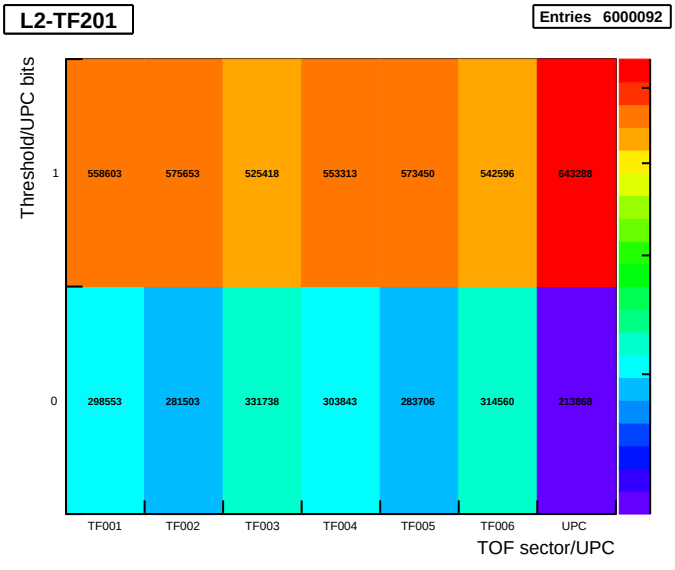

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

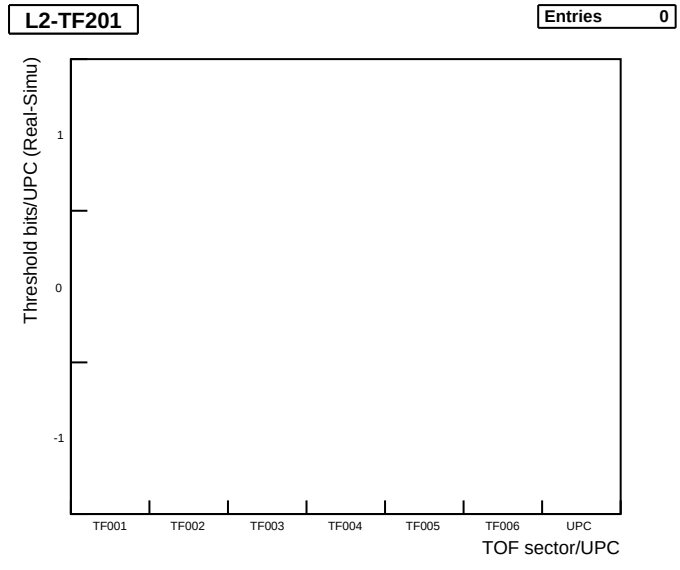

MIX-TF101
Entries 5142936
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

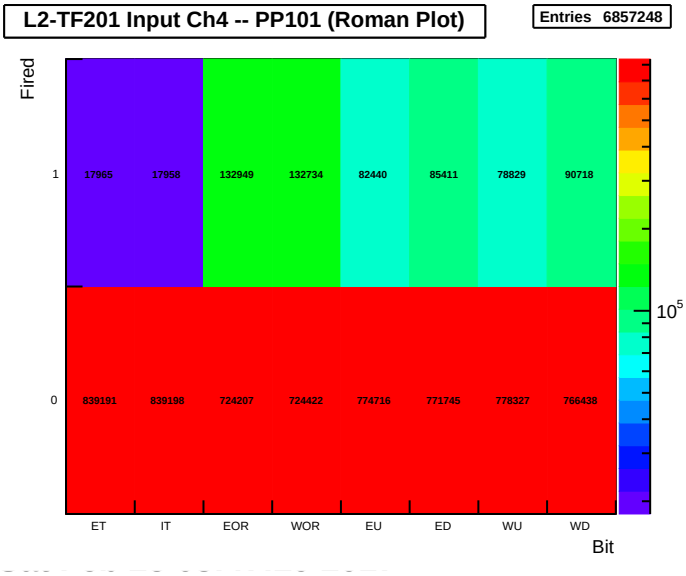

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

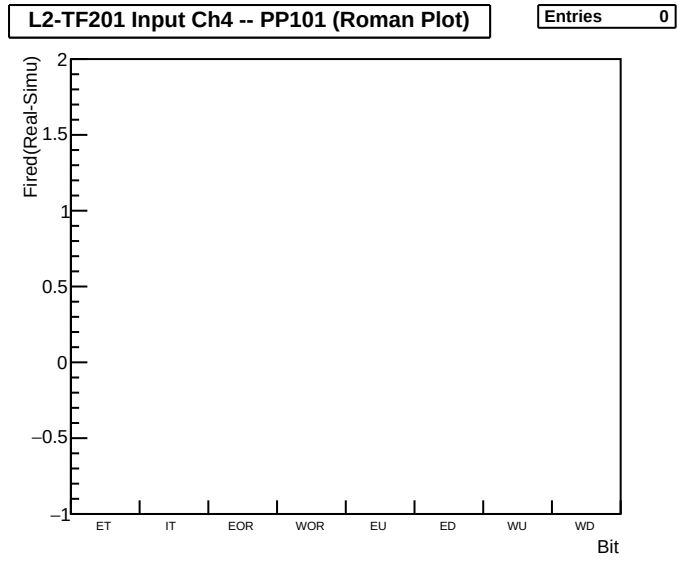

L2-TF201
Entries 857156
TOF total mult

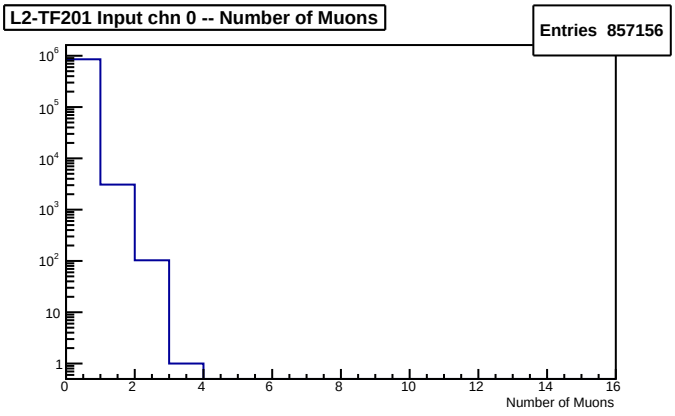

L2-TF201
Entries 0
TOF total mult(Real-Simu)

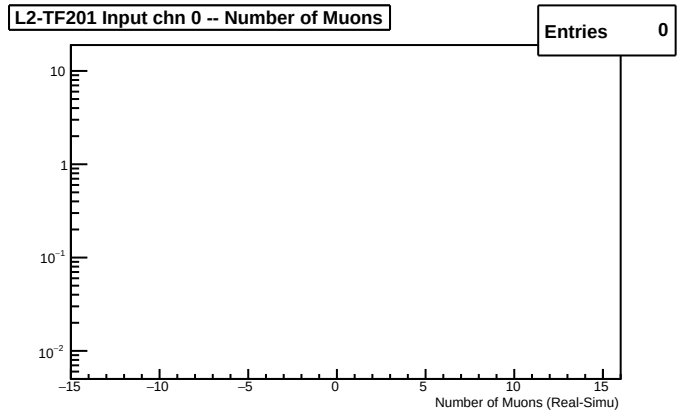

L2-TF201
Entries 6000092
Threshold/UPC bits
558603
575653
525418
553313
573450
542596
643288
298553
281503
331738
303843
283706
314560
213868
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

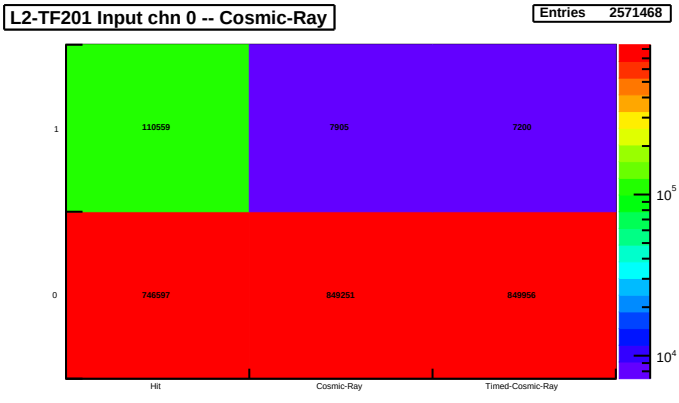

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

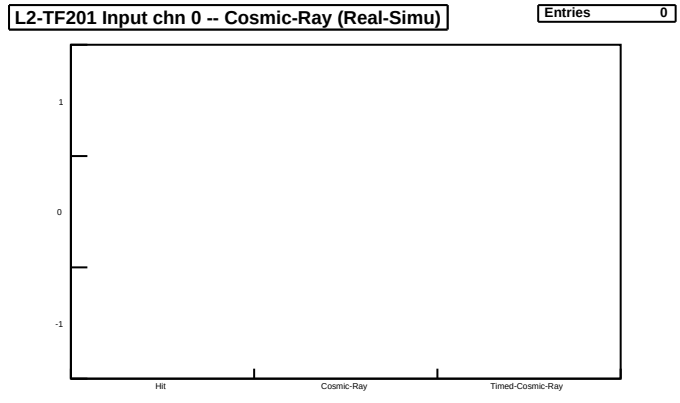

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6857248
Fired
17965
17958
132949
132734
82440
85411
78829
90718
839191
839198
724207
724422
774716
771745
778327
766438
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

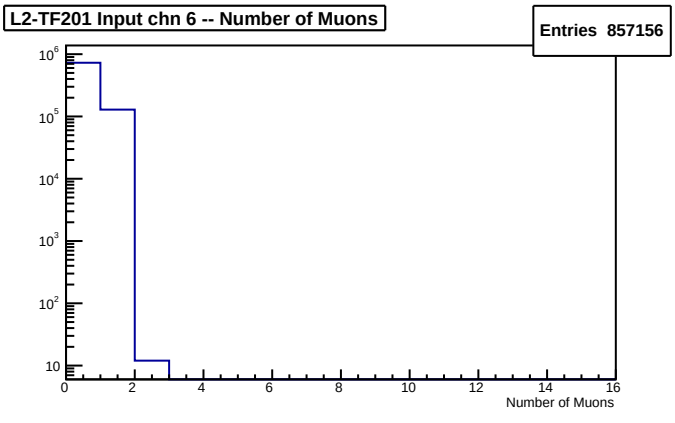

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

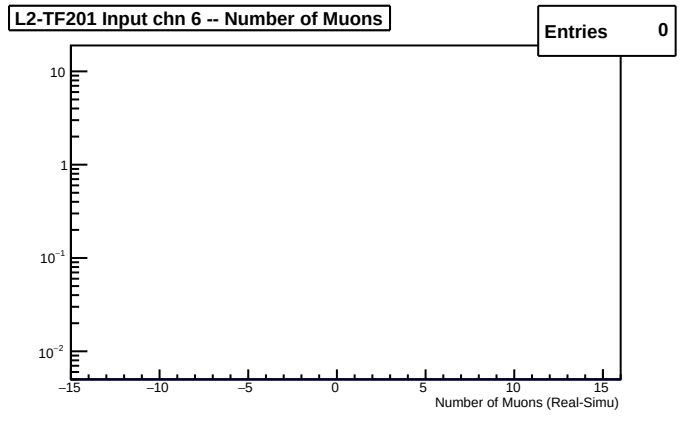

L2-TF201 Input chn 0 -- Number of Muons
Entries 857156
Number of Muons

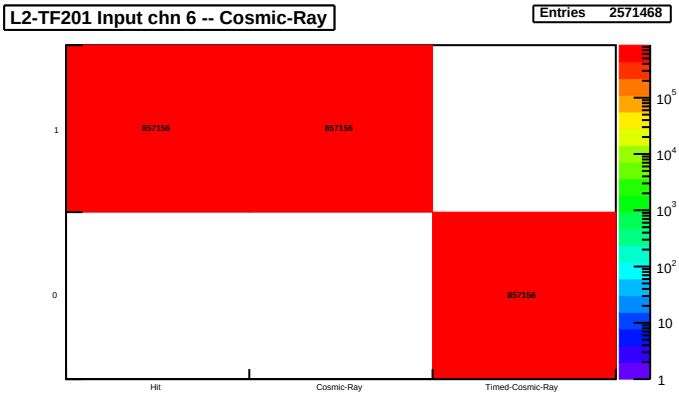

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

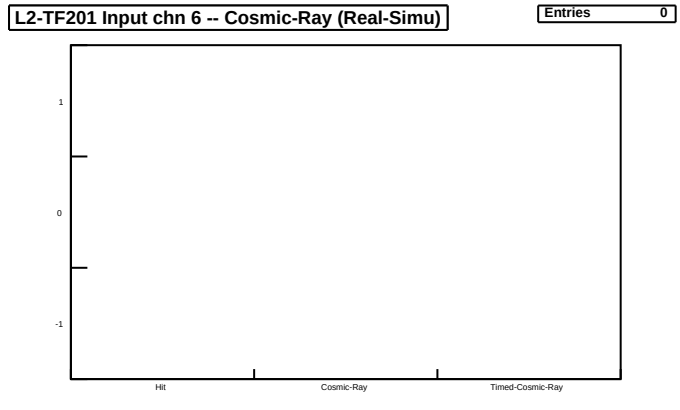

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2571468
110559
7905
7200
746597
849251
849956
Hit
Cosmic-Ray
Timed-Cosmic-Ray

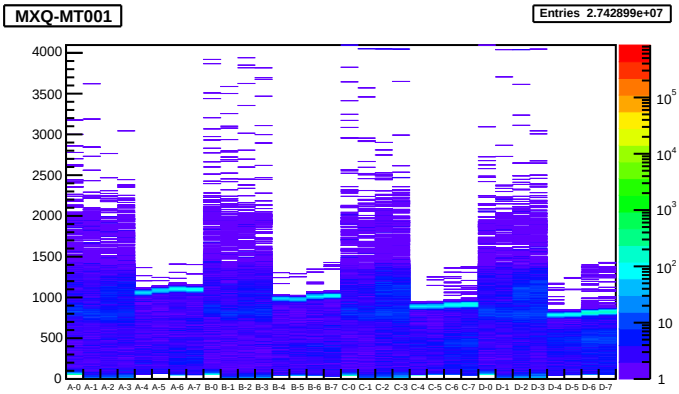

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

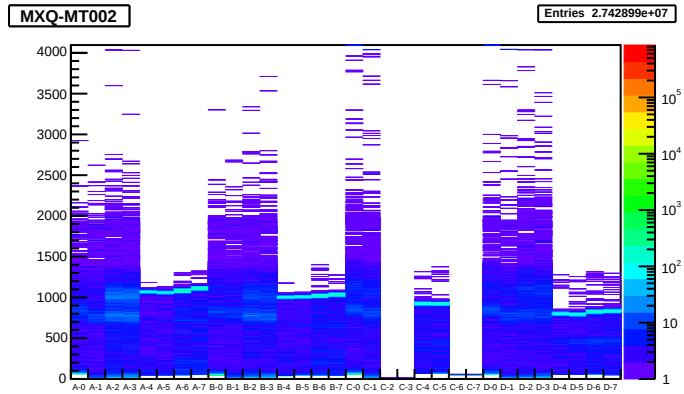

L2-TF201 Input chn 6 -- Number of Muons
Entries 857156
Number of Muons

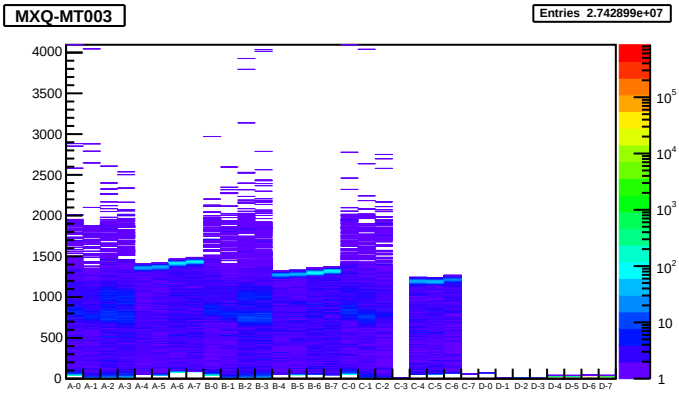

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

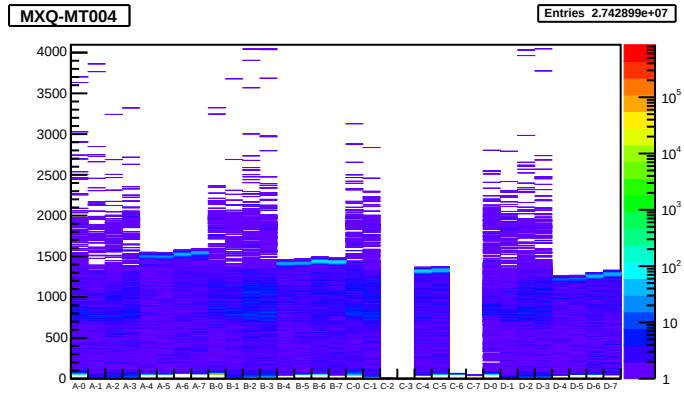

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2571468
857156
857156
857156
Hit
Cosmic-Ray
Timed-Cosmic-Ray

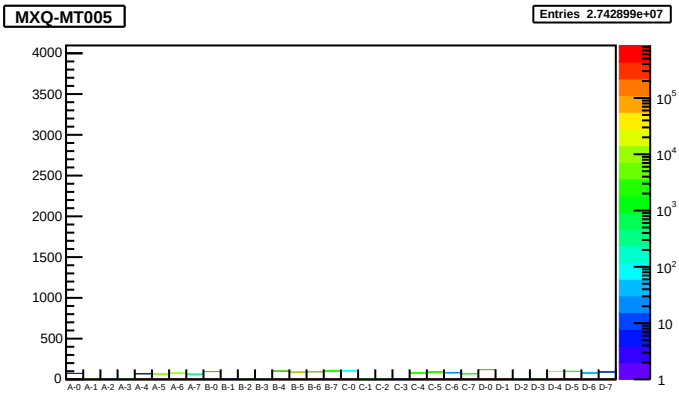

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

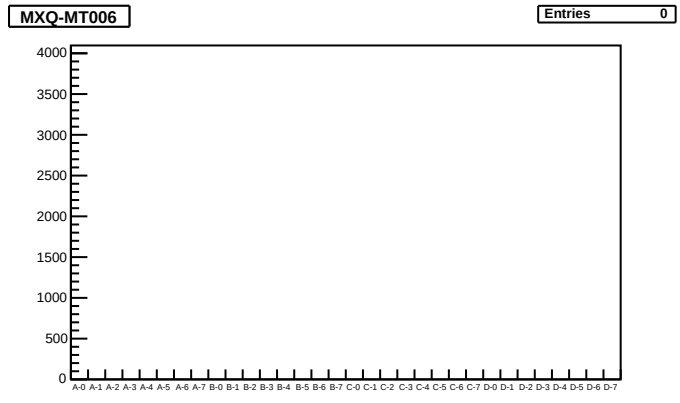

MXQ-MT001
Entries 2.742899e+07

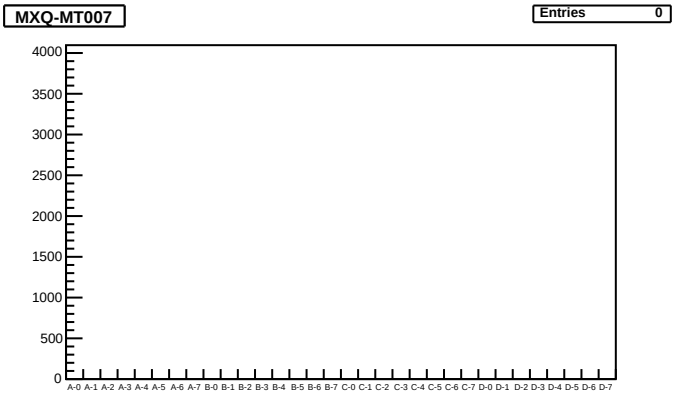

MXQ-MT002
Entries 2.742899e+07

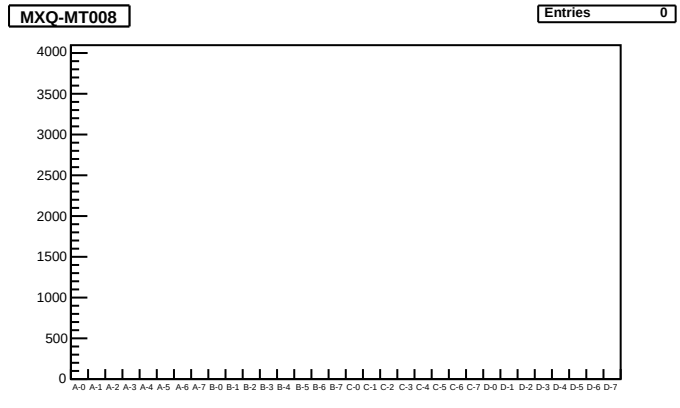

MXQ-MT003
Entries 2.742899e+07

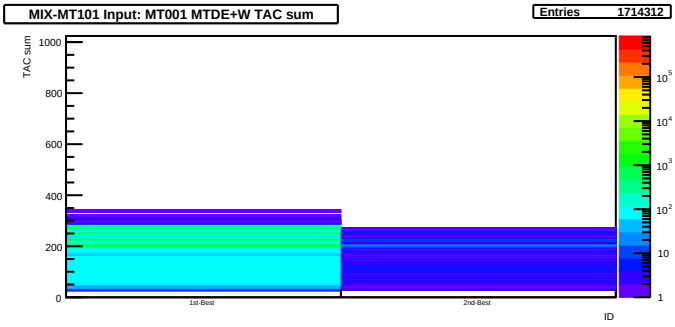

MXQ-MT004
Entries 2.742899e+07

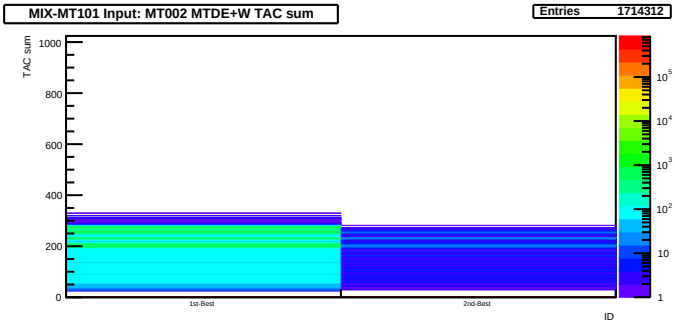

MXQ-MT005
Entries 2.742899e+07

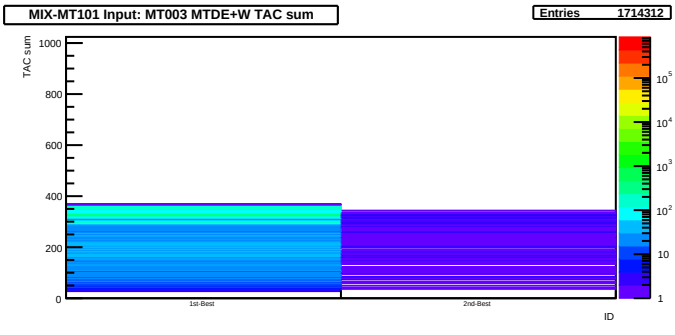

MXQ-MT006
Entries 0

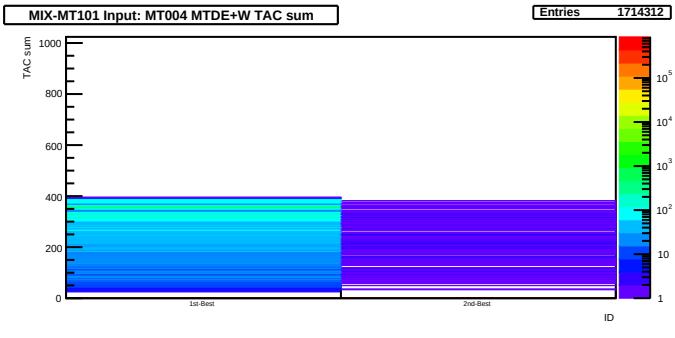

MXQ-MT007
Entries 0

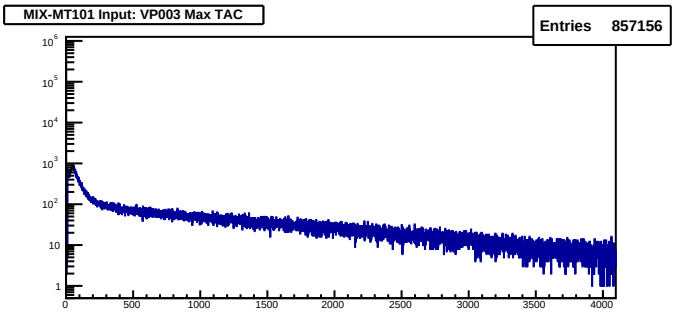

MXQ-MT008
Entries 0

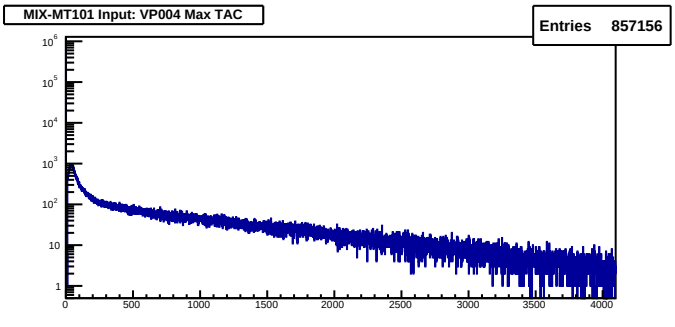

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

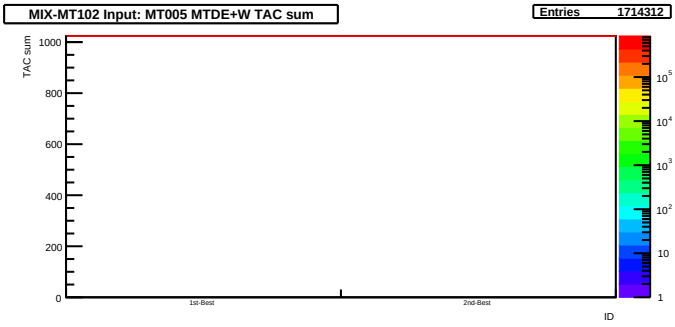

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

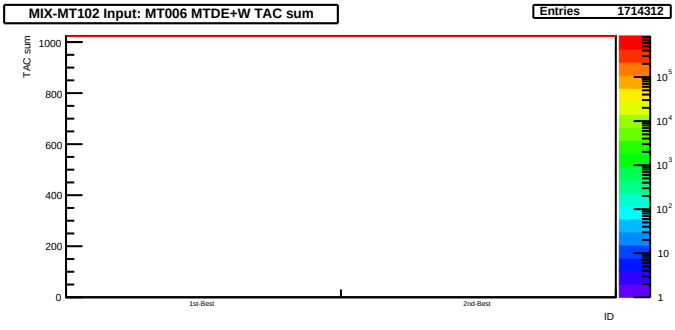

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

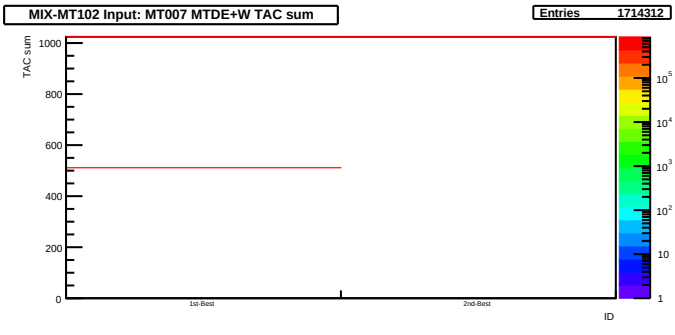

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

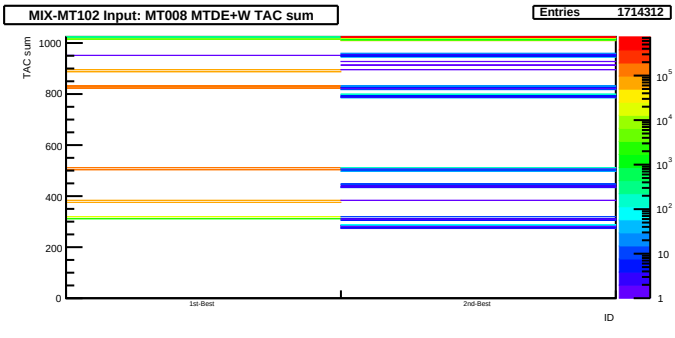

MIX-MT101 Input: VP003 Max TAC
Entries 857156

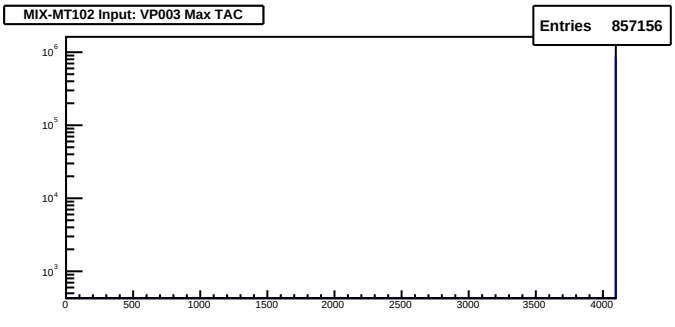

MIX-MT101 Input: VP004 Max TAC
Entries 857156

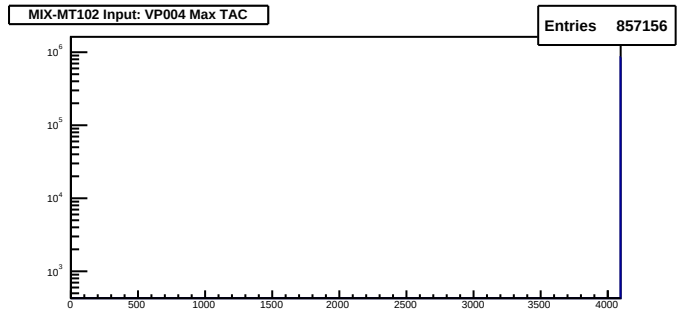

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

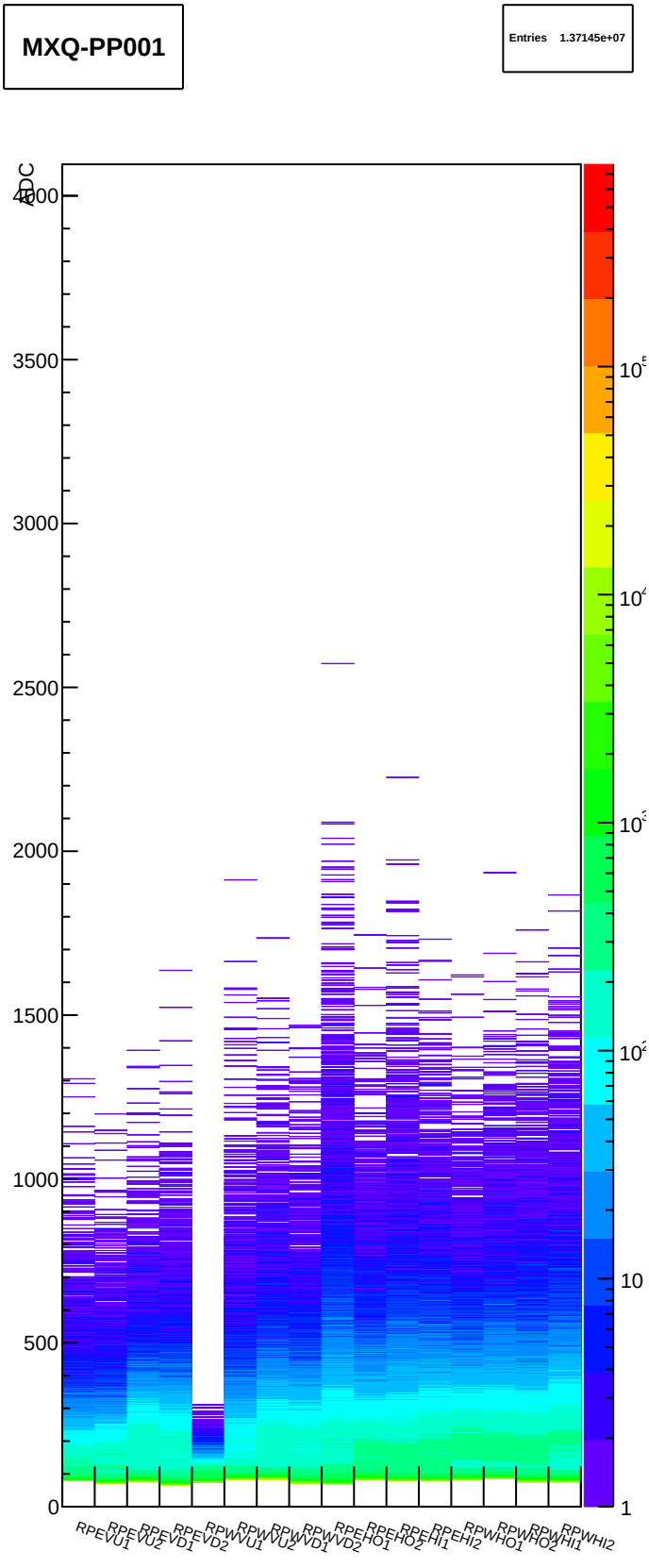

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

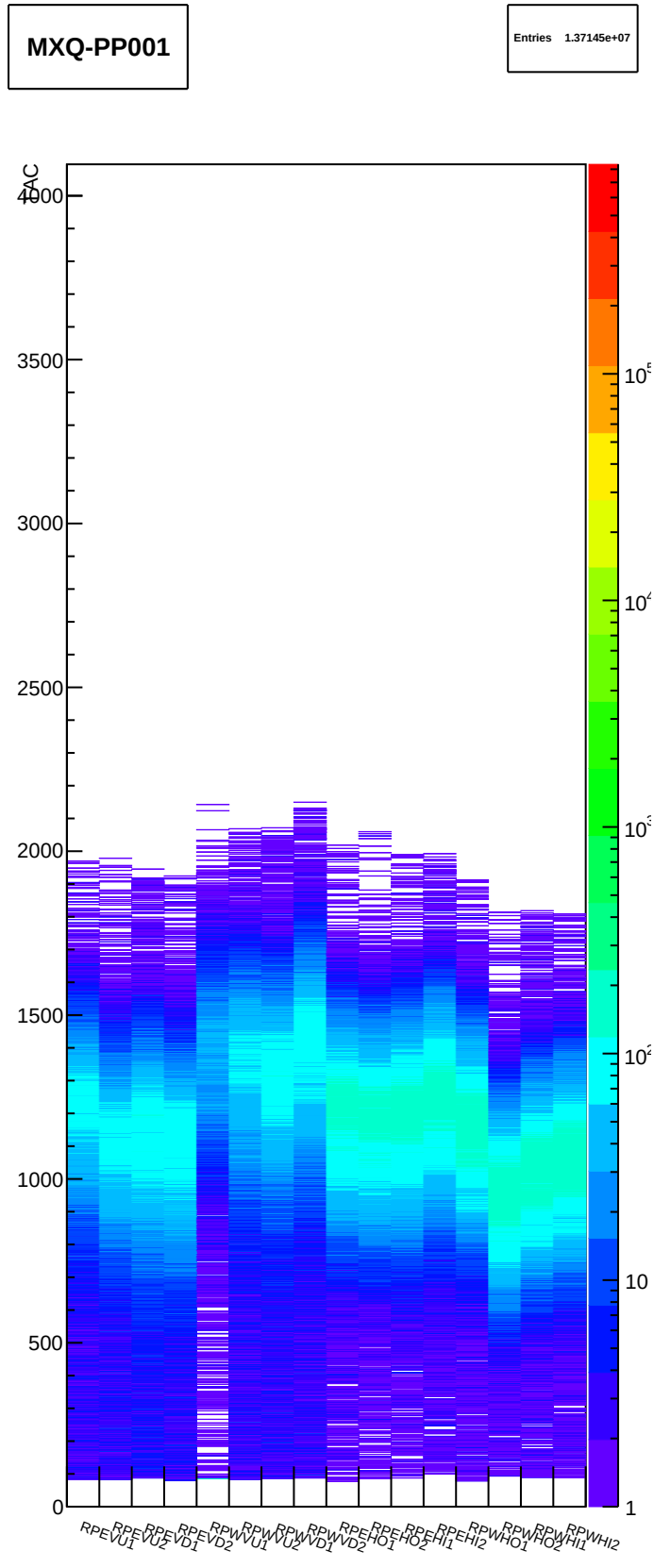

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

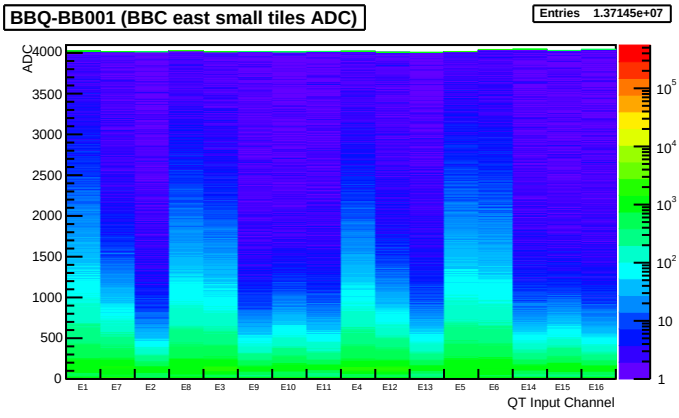

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1714312
TAC sum
1st-Best
2nd-Best
ID

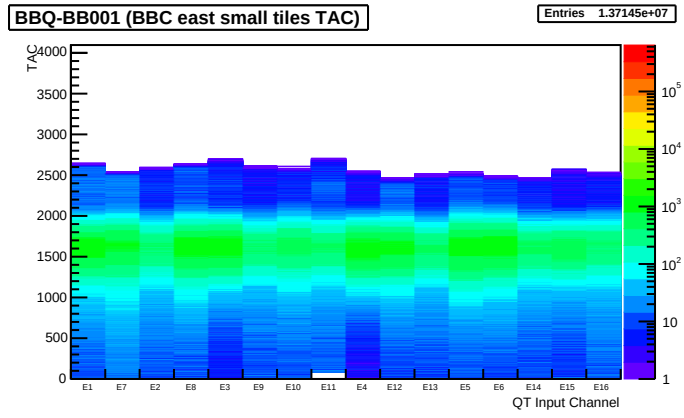

MIX-MT102 Input: VP003 Max TAC
Entries 857156

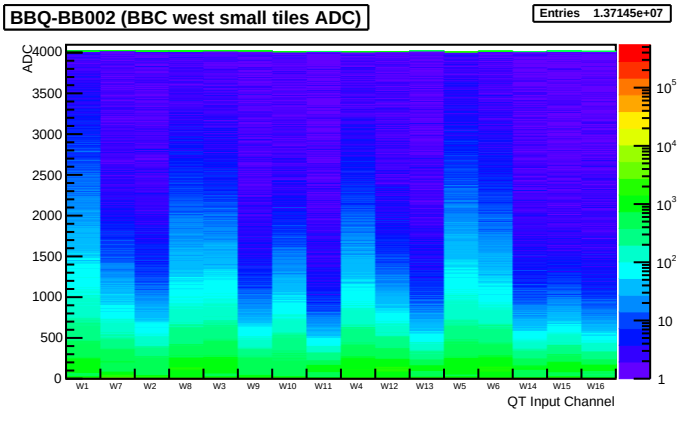

MIX-MT102 Input: VP004 Max TAC
Entries 857156

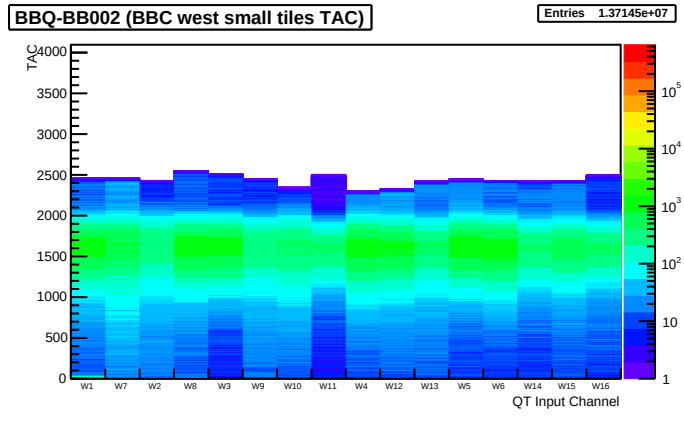

MXQ-PP001
Entries 1.37145e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

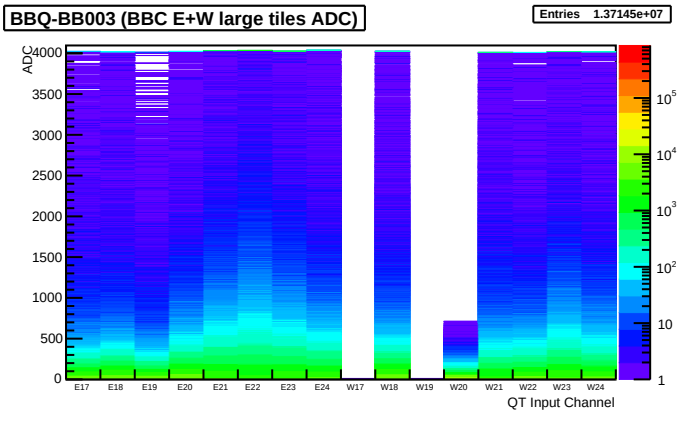

MXQ-PP001
Entries 1.37145e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

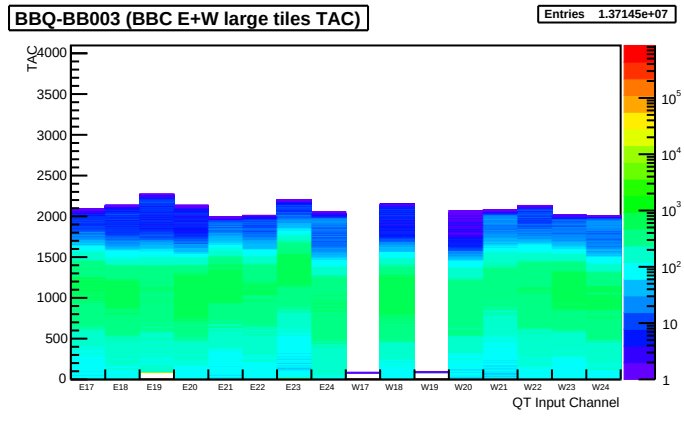

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.37145e+07
ADC
QT Input Channel

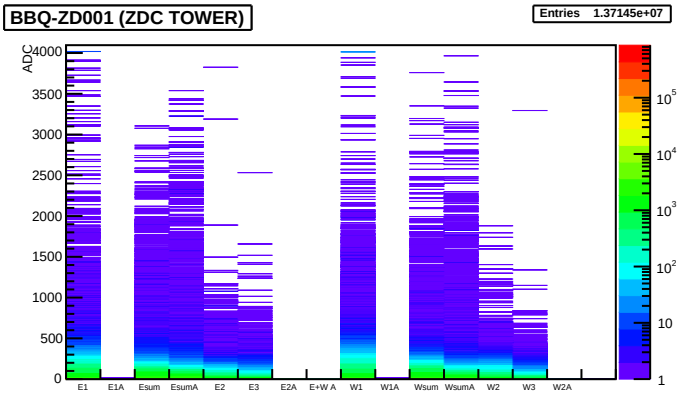

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.37145e+07
TAC
QT Input Channel

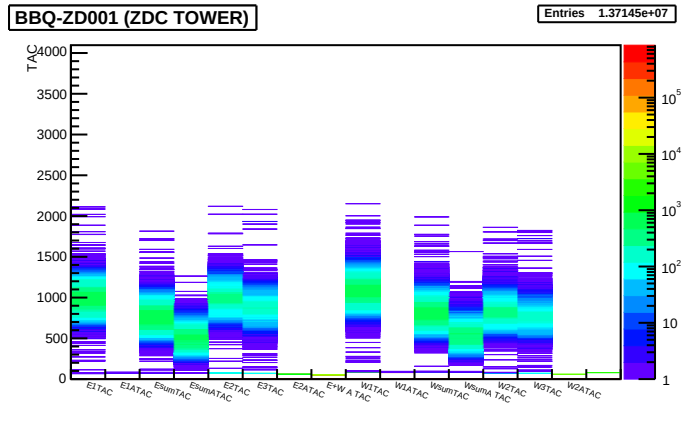

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.37145e+07
ADC
QT Input Channel

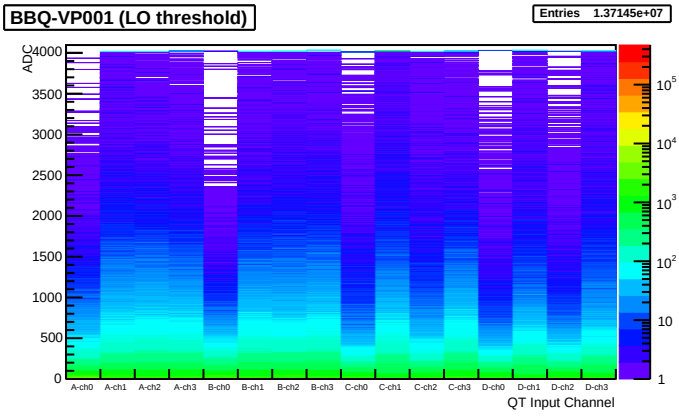

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.37145e+07
TAC
QT Input Channel

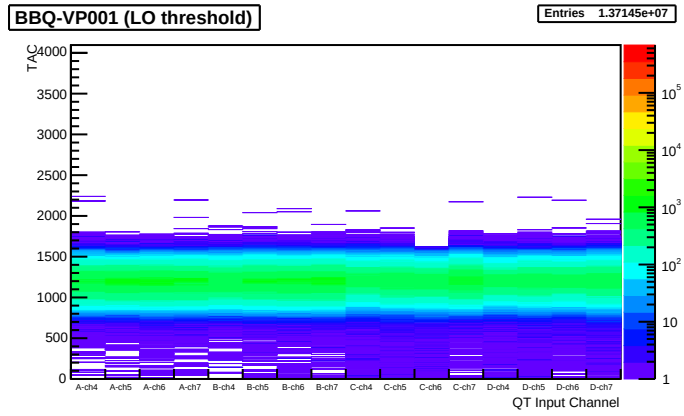

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.37145e+07
ADC
QT Input Channel

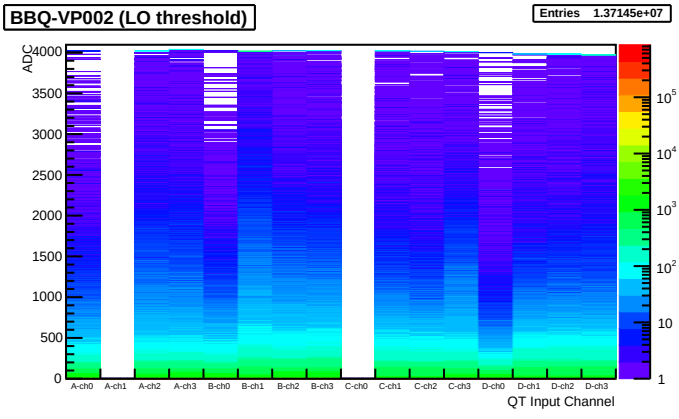

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.37145e+07
TAC
QT Input Channel

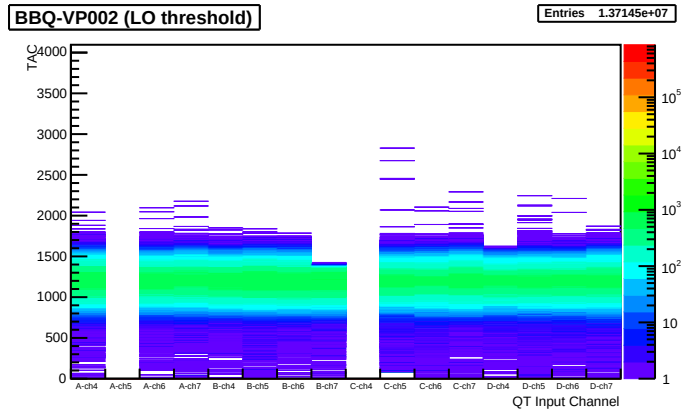

BBQ-ZD001 (ZDC TOWER)
Entries 1.37145e+07
ADC

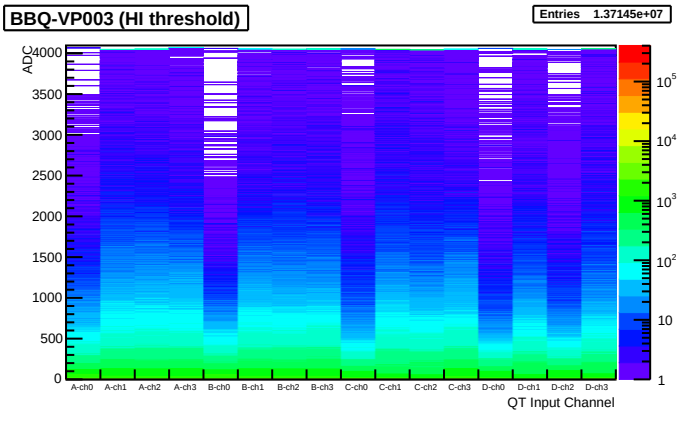

BBQ-ZD001 (ZDC TOWER)
Entries 1.37145e+07
TAC

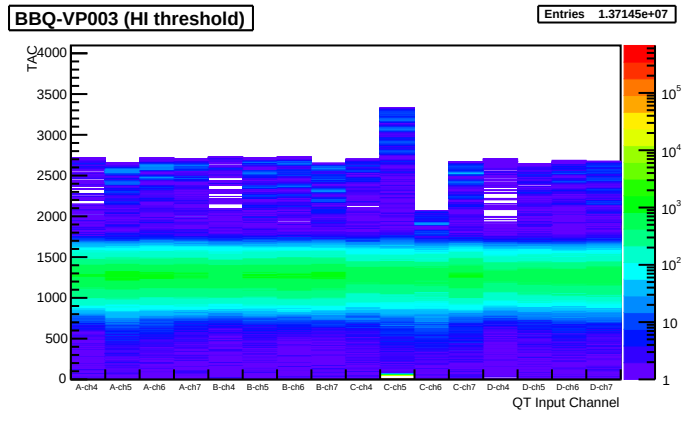

BBQ-VP001 (LO threshold)
Entries 1.37145e+07
ADC
QT Input Channel

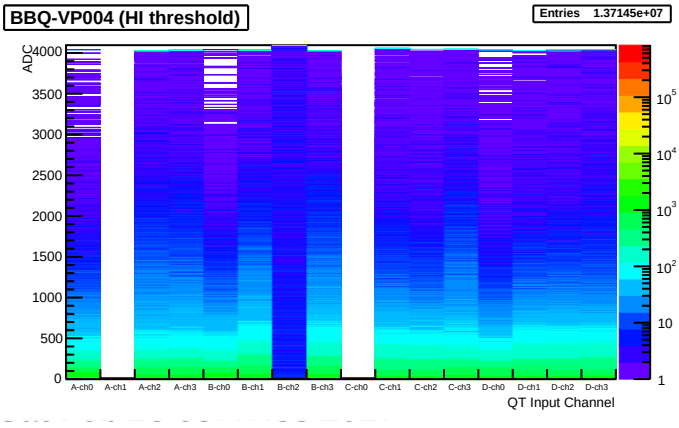

BBQ-VP001 (LO threshold)
Entries 1.37145e+07
TAC
QT Input Channel

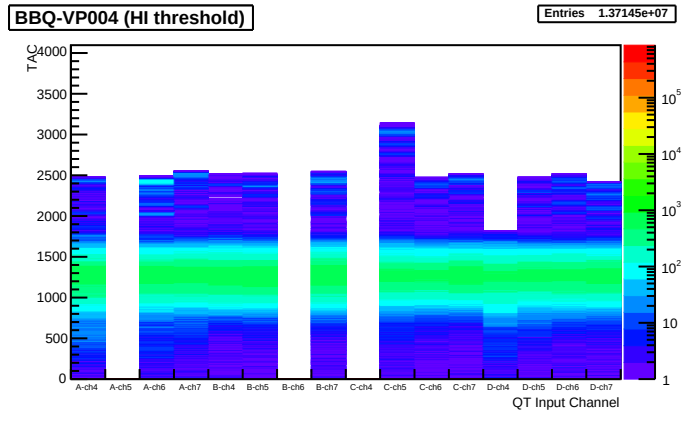

BBQ-VP002 (LO threshold)
Entries 1.37145e+07
ADC
QT Input Channel

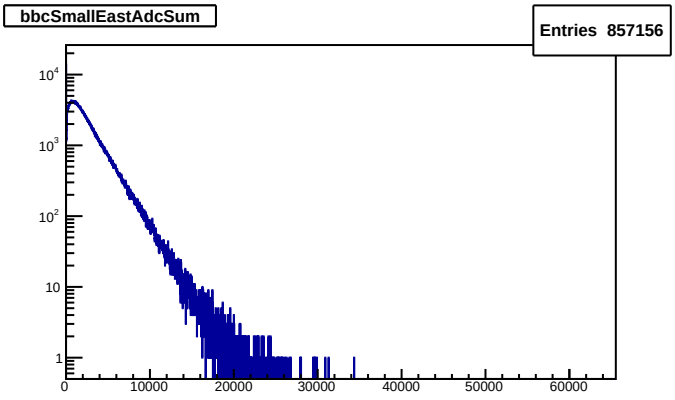

BBQ-VP002 (LO threshold)
Entries 1.37145e+07
TAC
QT Input Channel

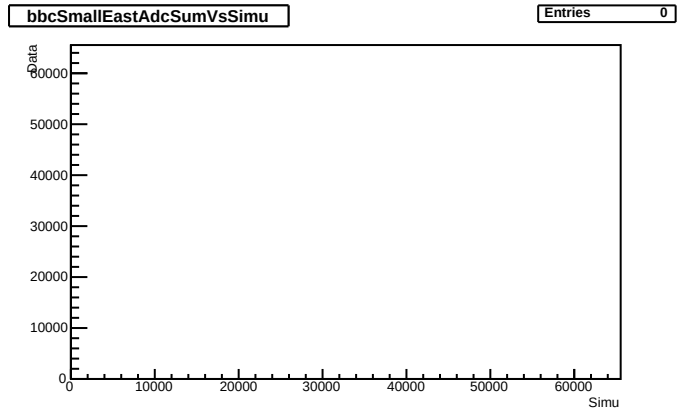

BBQ-VP003 (HI threshold)
Entries 1.37145e+07
ADC
QT Input Channel

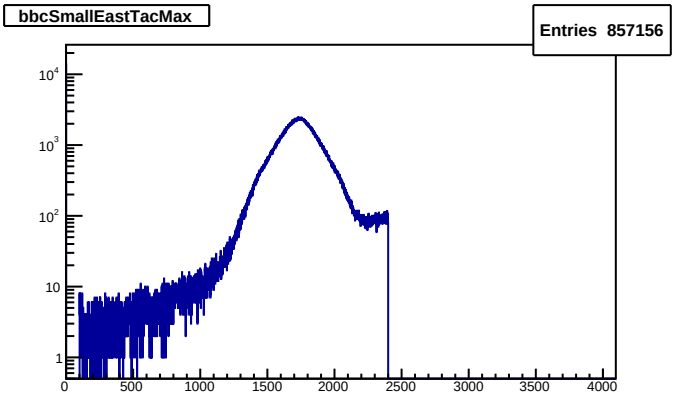

BBQ-VP003 (HI threshold)
Entries 1.37145e+07
TAC
QT Input Channel

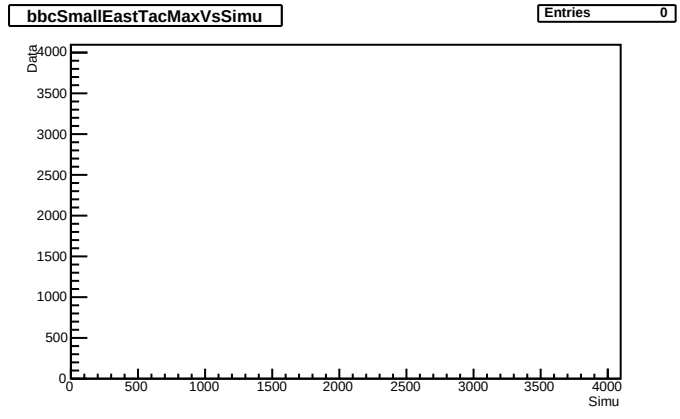

BBQ-VP004 (HI threshold)
Entries 1.37145e+07
ADC
QT Input Channel

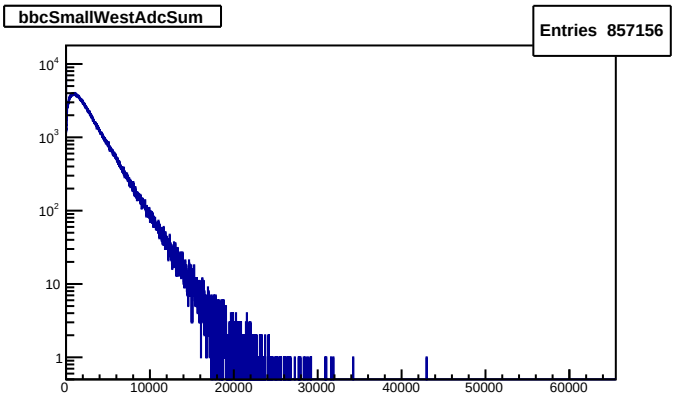

BBQ-VP004 (HI threshold)
Entries 1.37145e+07
TAC
QT Input Channel

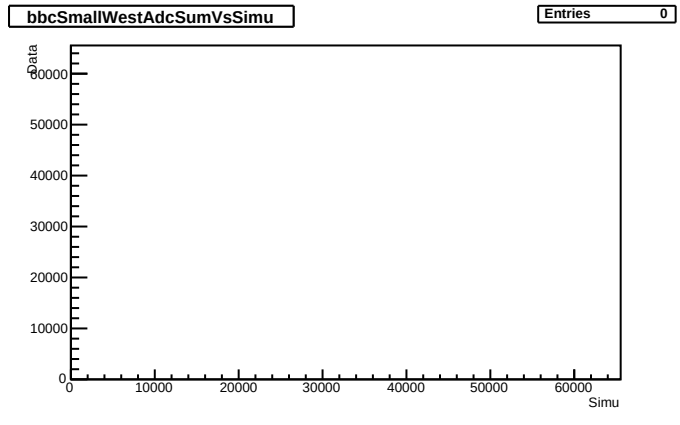

bbcSmallEastAdcSum
Entries 857156

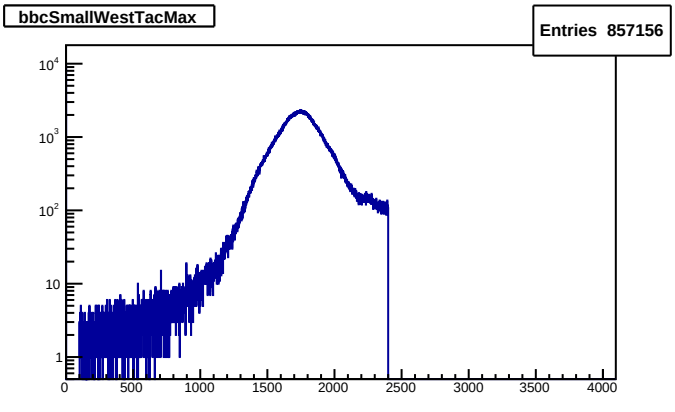

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

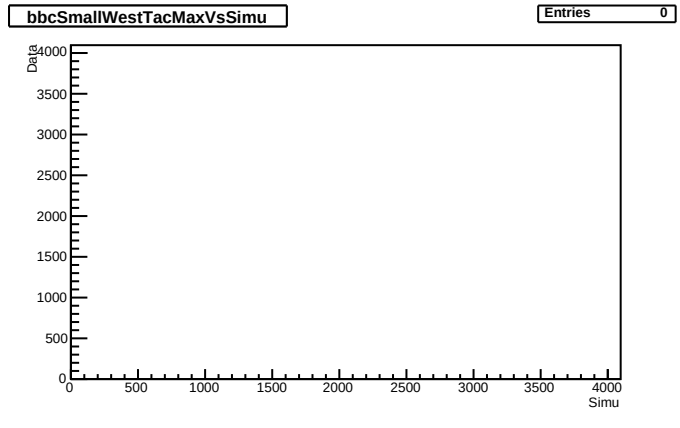

bbcSmallEastTacMax
Entries 857156

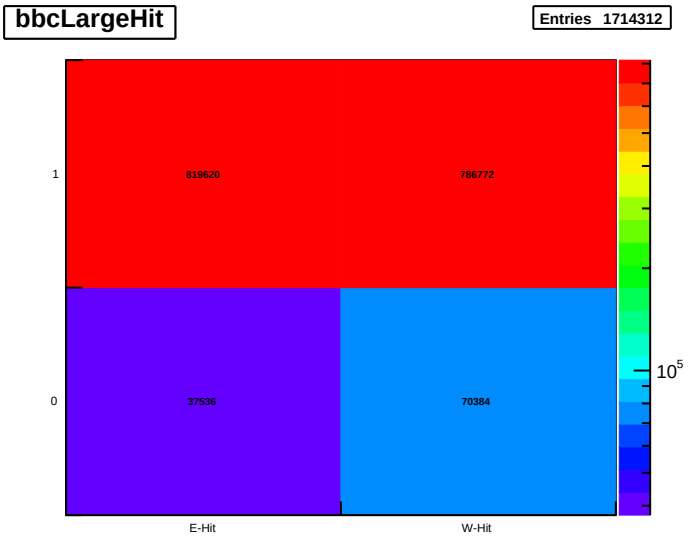

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

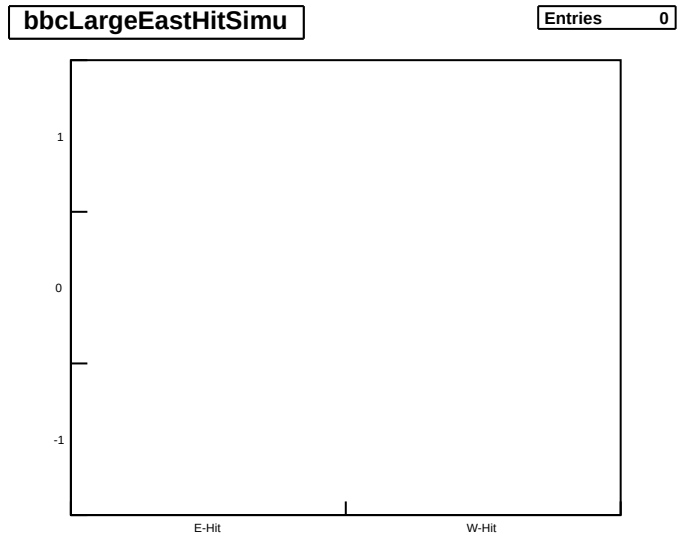

bbcSmallWestAdcSum
Entries 857156

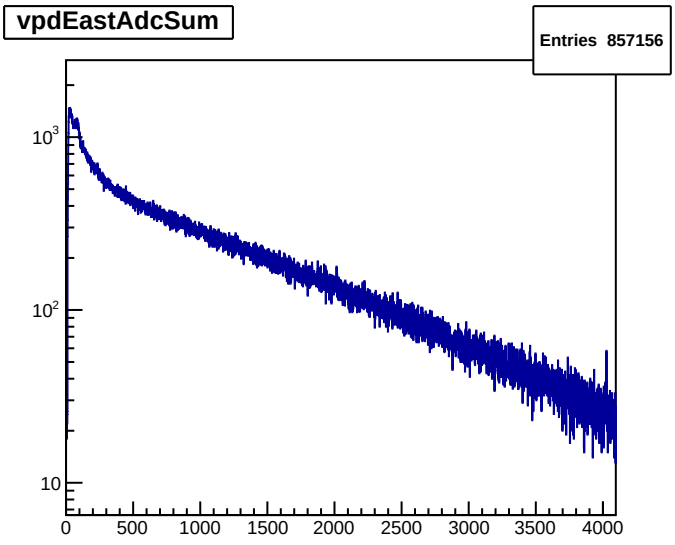

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

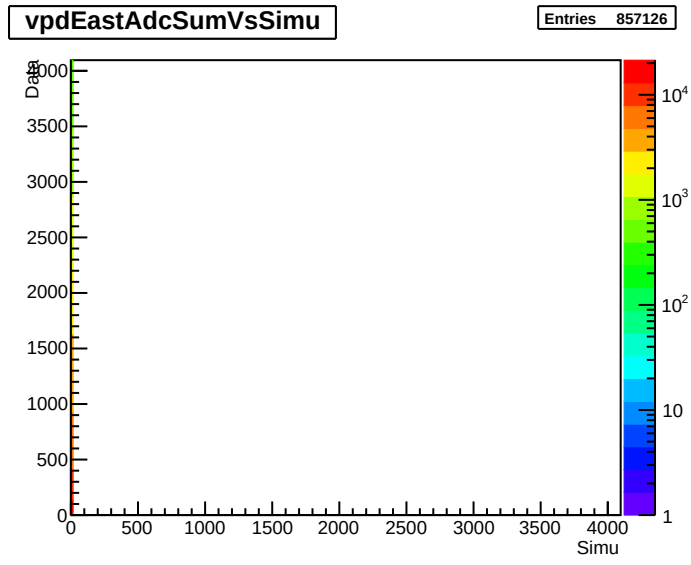

bbcSmallWestTacMax
Entries 857156

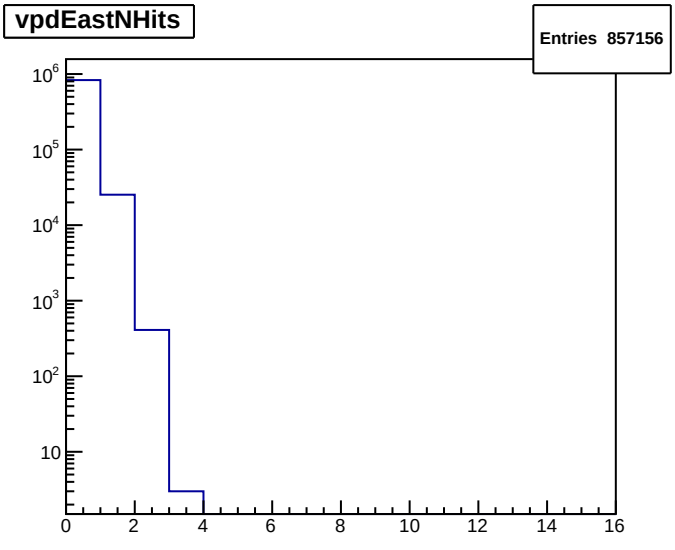

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

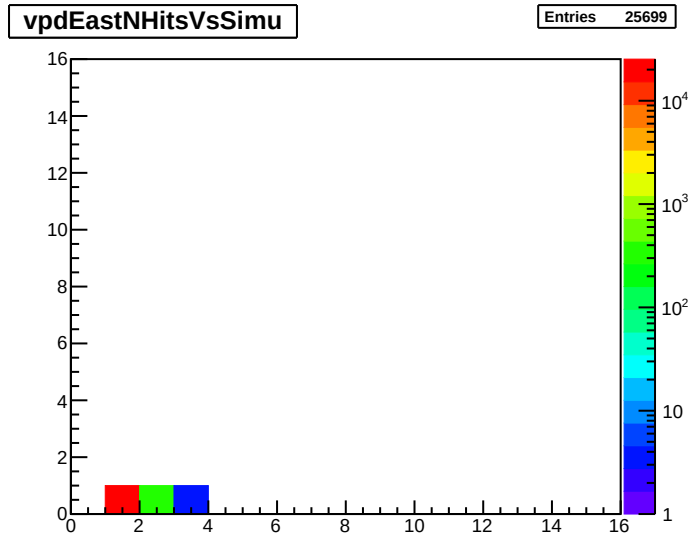

bbcLargeHit
Entries 1714312
1
0
819620
786772
37536
70384
E-Hit
W-Hit
10^5

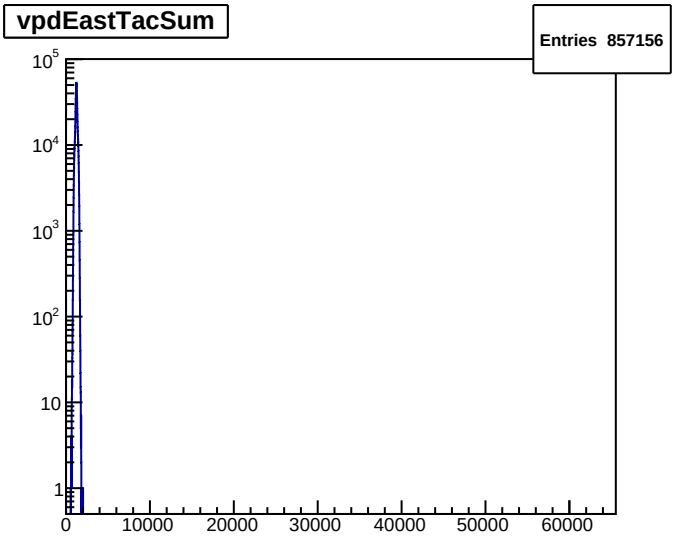

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

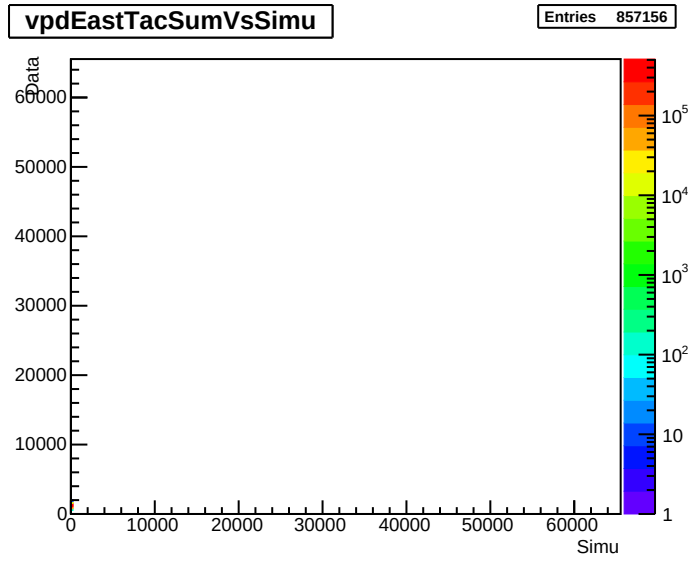

vpdEastAdcSum
Entries 857156

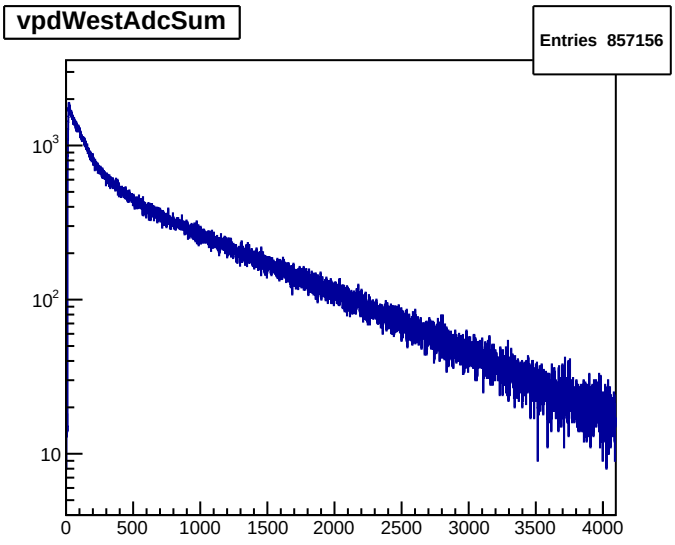

vpdEastAdcSumVsSimu
Entries 857126
Data
Simu

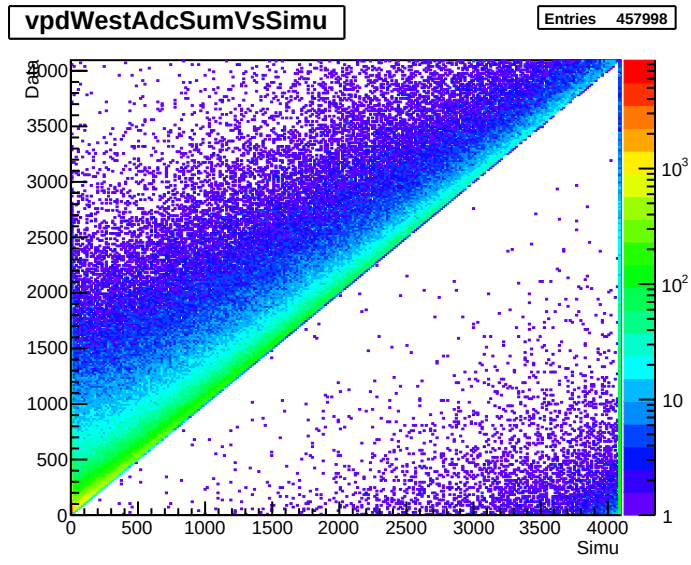

vpdEastNHits
Entries 857156

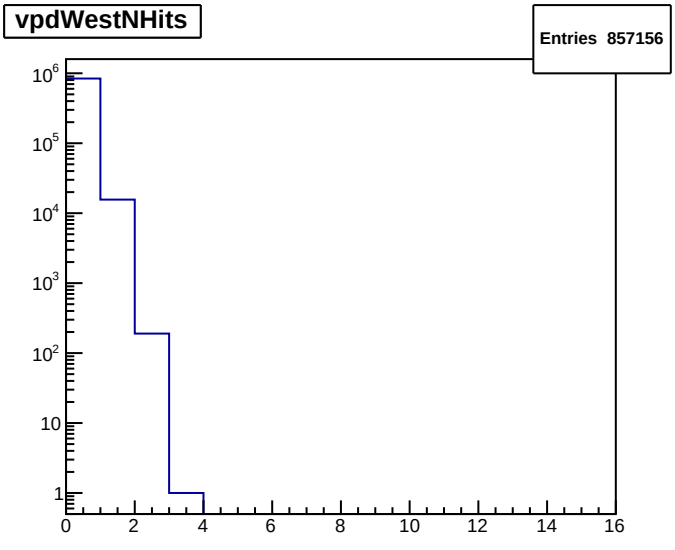

vpdEastNHitsVsSimu
Entries 25699

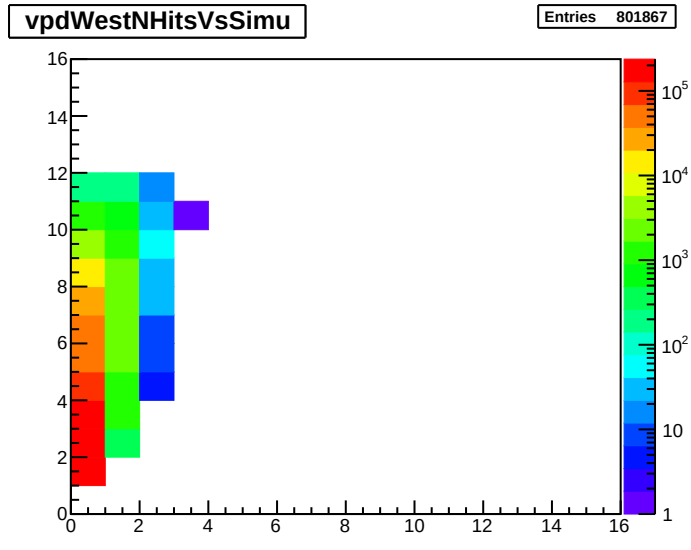

vpdEastTacSum
Entries 857156

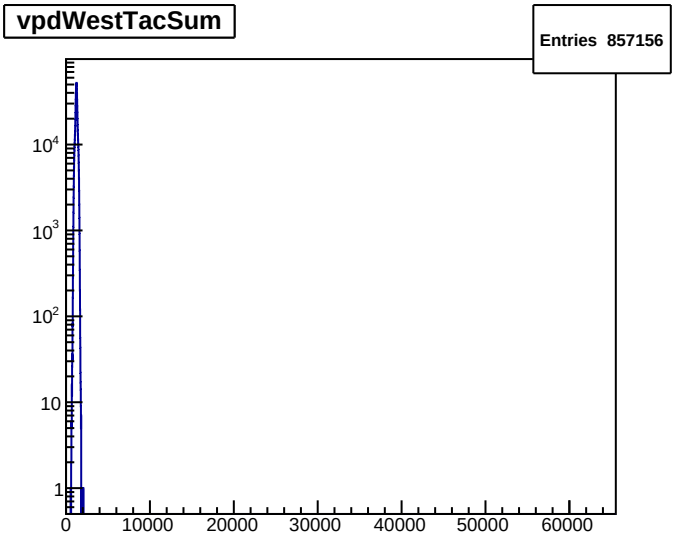

vpdEastTacSumVsSimu
Entries 857156
Data
Simu

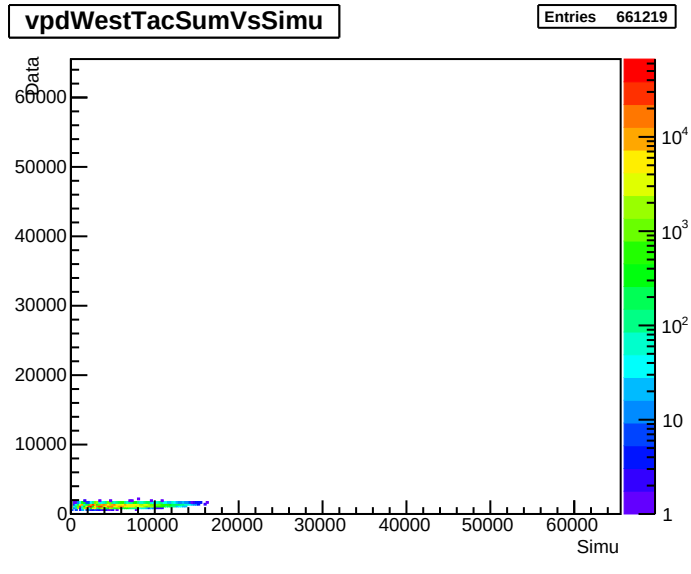

vpdWestAdcSum
Entries 857156

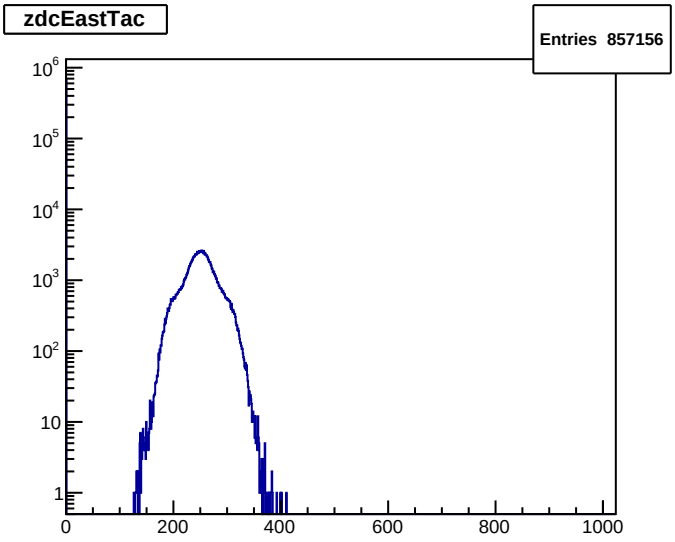

vpdWestAdcSumVsSimu
Entries 457998
Data
Simu

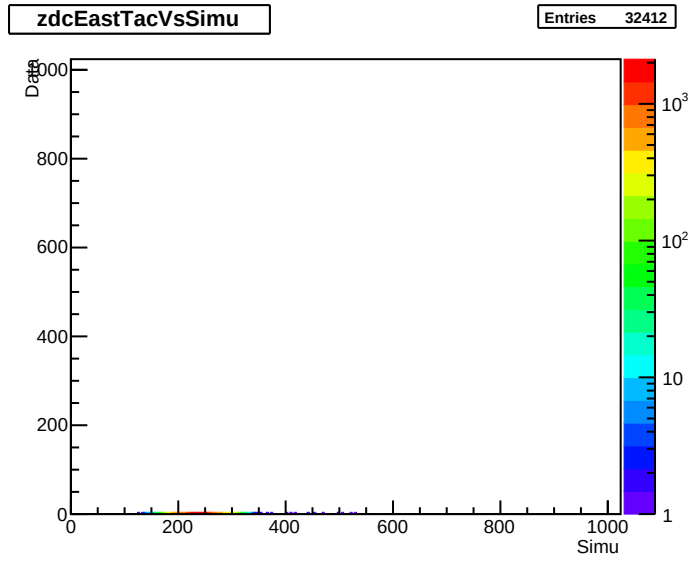

vpdWestNHits
Entries 857156

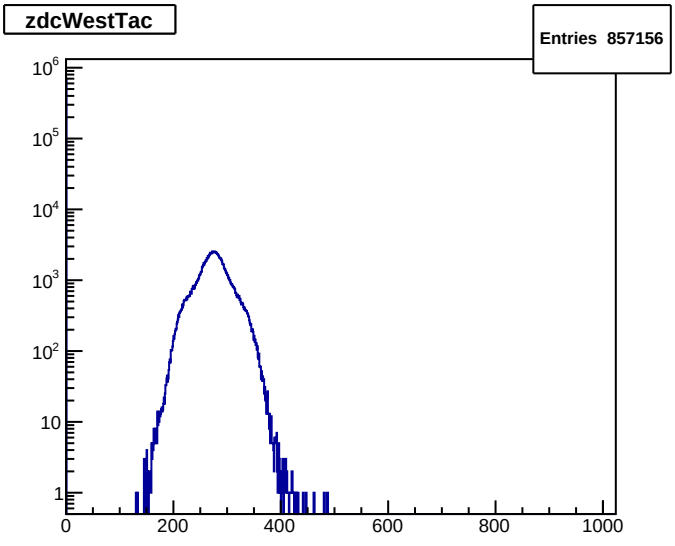

vpdWestNHitsVsSimu
Entries 801867

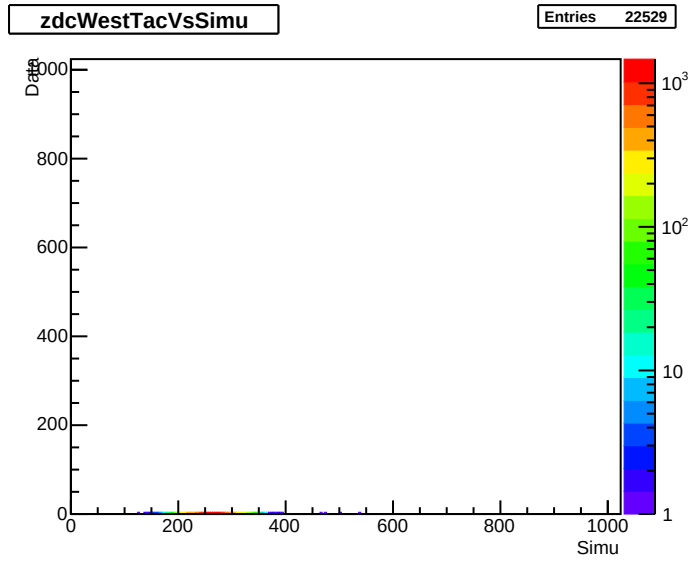

vpdWestTacSum
Entries 857156

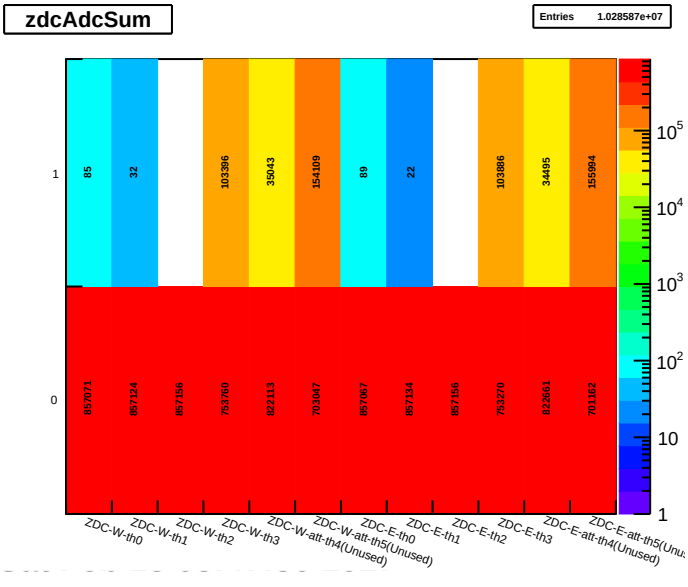

vpdWestTacSumVsSimu
Entries 661219
Data
Simu

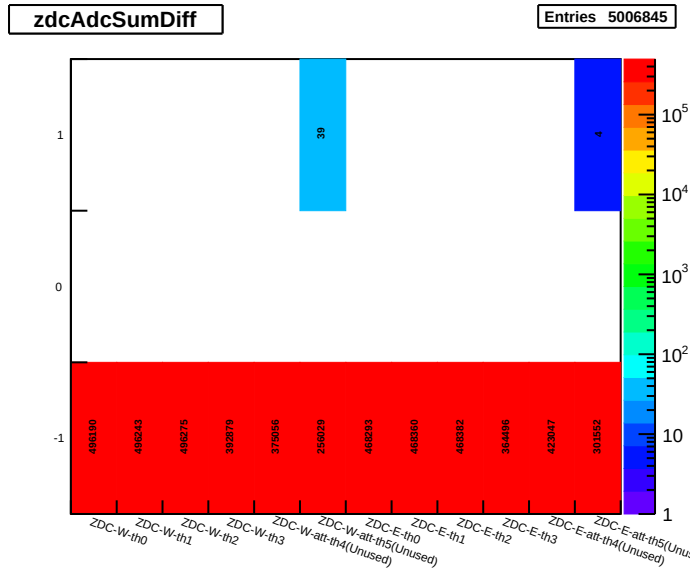

zdcEastTac
Entries 857156

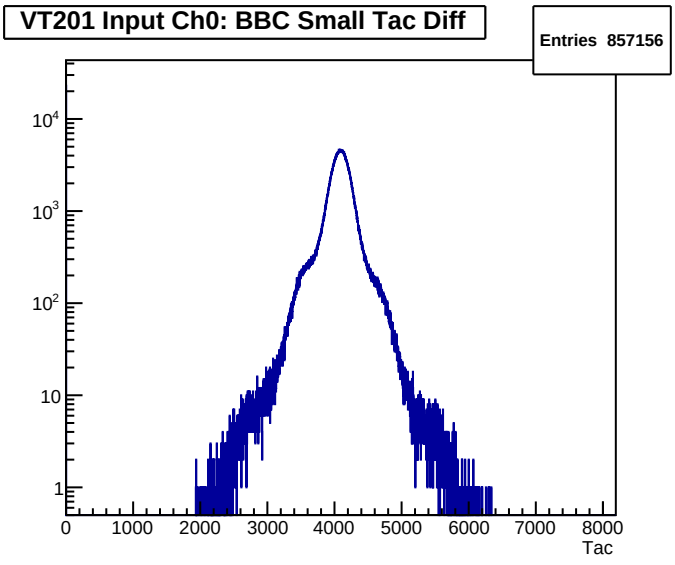

zdcEastTacVsSimu
Entries 32412
Data
Simu

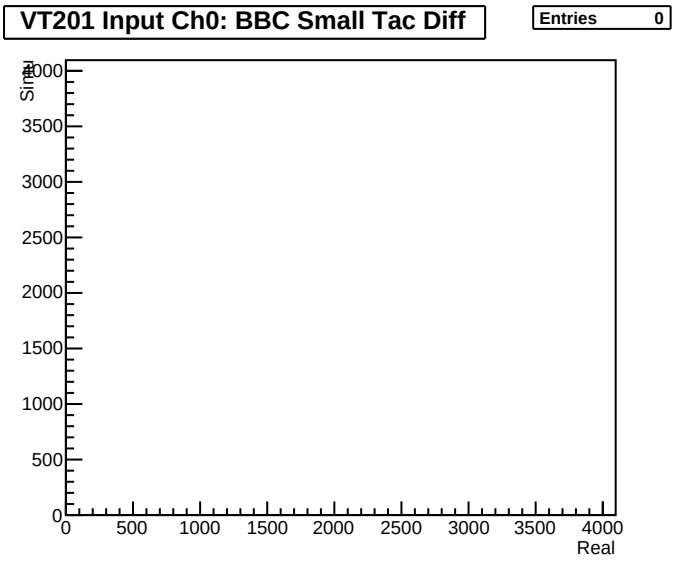

zdcWestTac
Entries 857156

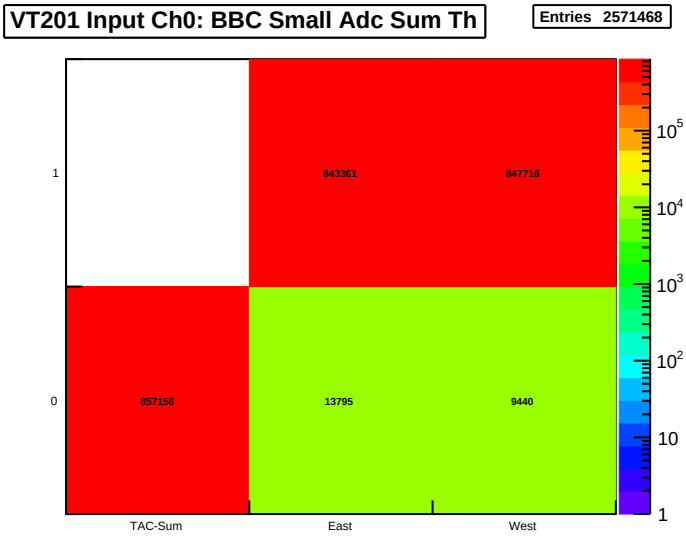

zdcWestTacVsSimu
Entries 22529
Data
Simu

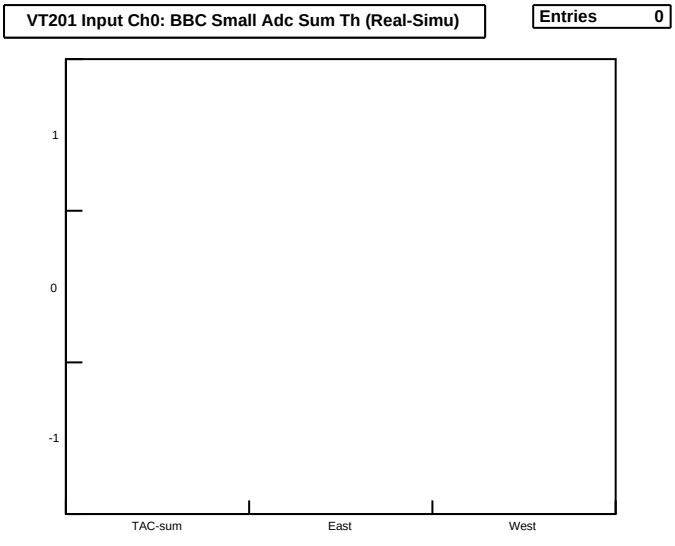

zdcAdcSum
Entries 1.028587e+07
85
32
103396
35043
154109
89
22
103886
34495
155994
857071
857124
857156
753760
822113
703047
857067
857134
857156
753270
822561
701162
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

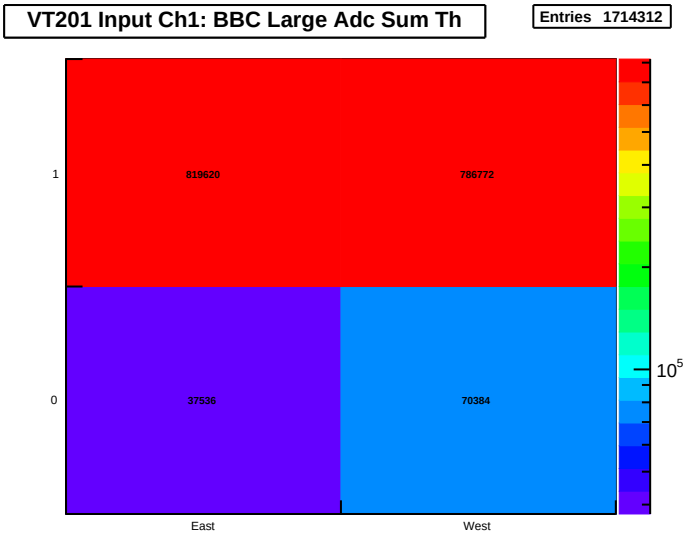

zdcAdcSumDiff
Entries 5006845
39
4
496190
492243
498275
392879
375956
258029
462293
463360
468382
364496
423047
301552
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

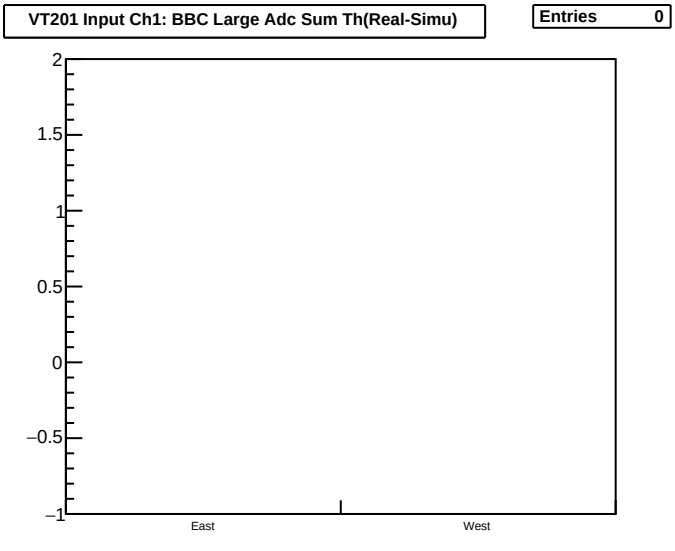

VT201 Input Ch0: BBC Small Tac Diff
Entries 857156
Tac


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

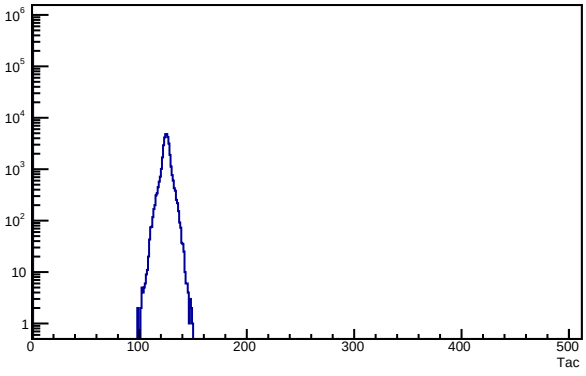

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2571468
843361
847716
857156
13795
9440
TAC-Sum
East
West


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

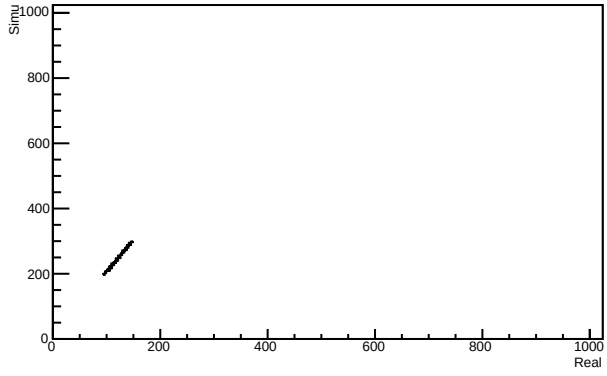

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1714312
819620
786772
37536
70384
East
West


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

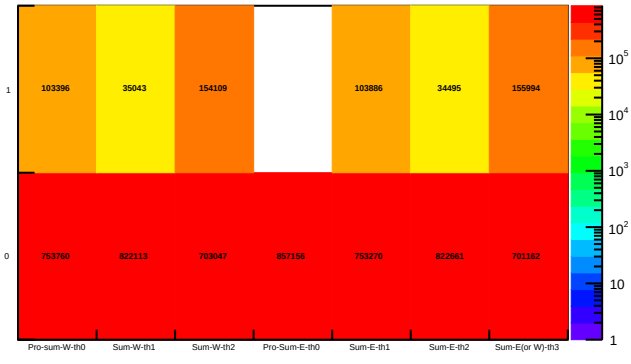
VT201 Input Ch2: ZDC Tac Diff



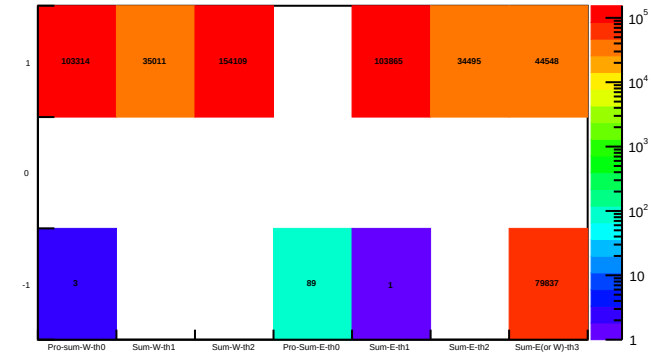
VT201 Input Ch2: ZDC Tac Diff



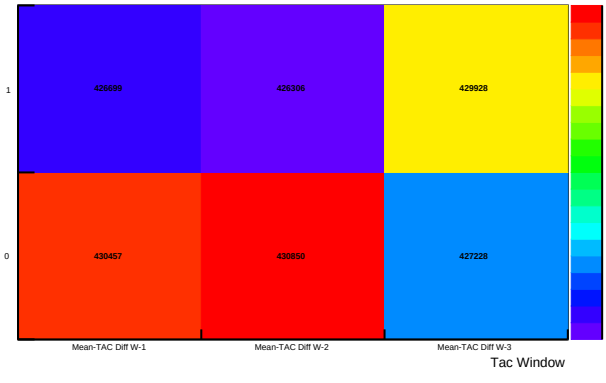
VT201 Input Ch2: ZDC Adc Sum Th



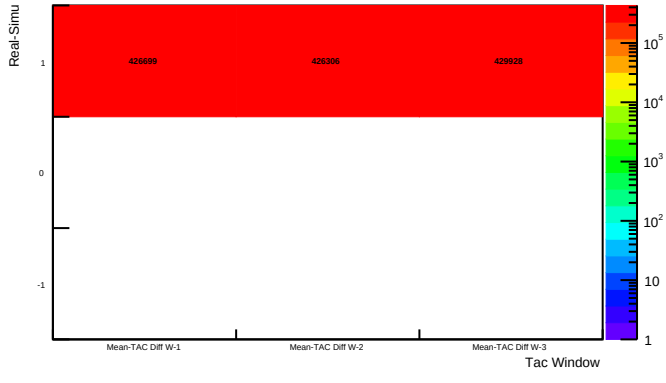
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



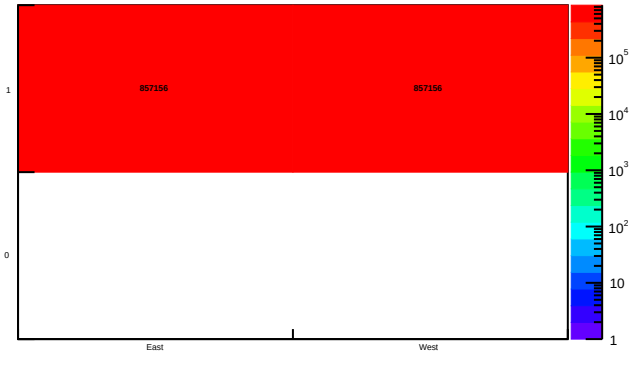
VT201 Input Ch4: VPD Tac Diff



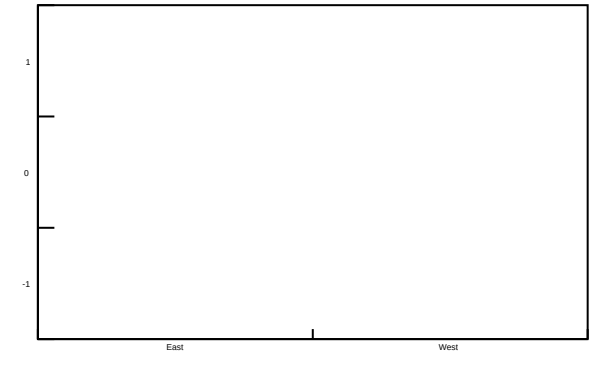
VT201 Input Ch4: VPD Tac Diff

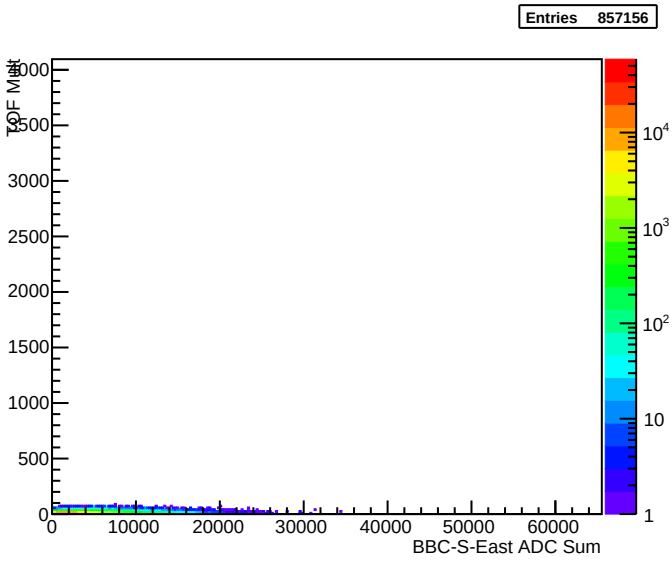


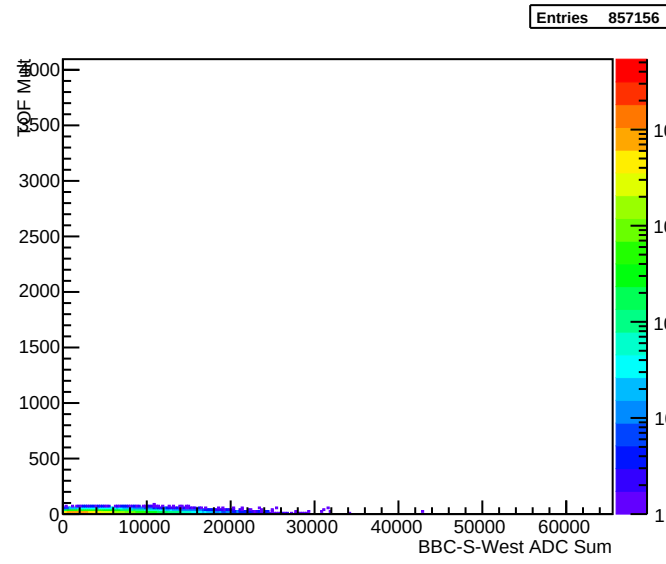
VT201 Input Ch4: VPD Adc Sum Th

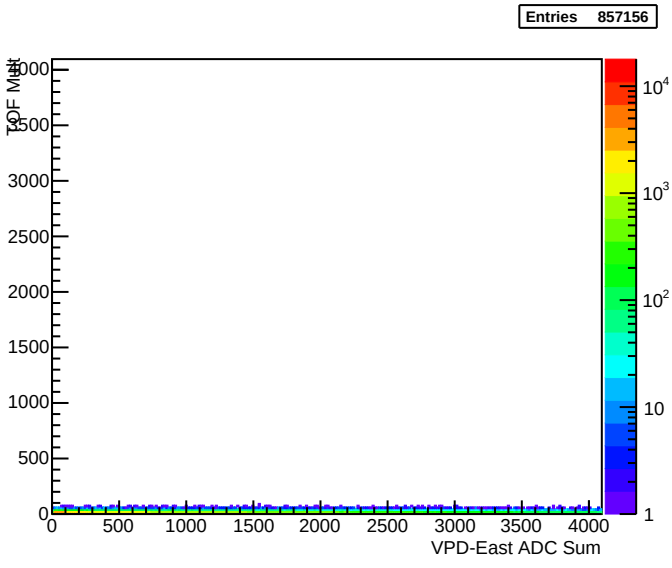


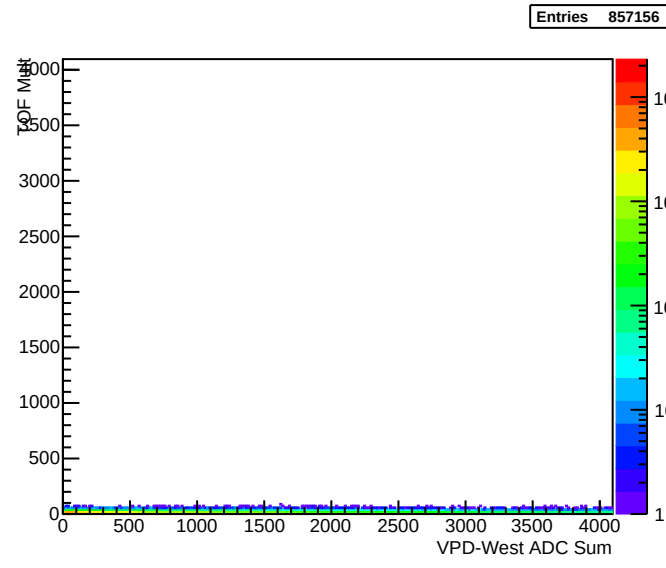
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

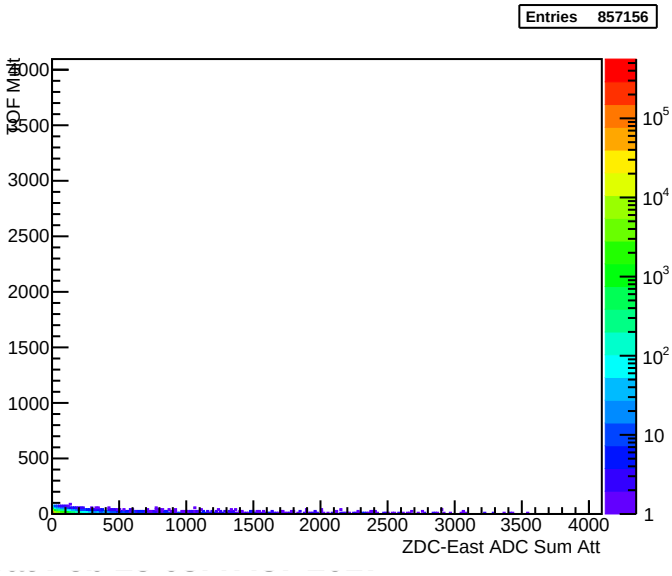


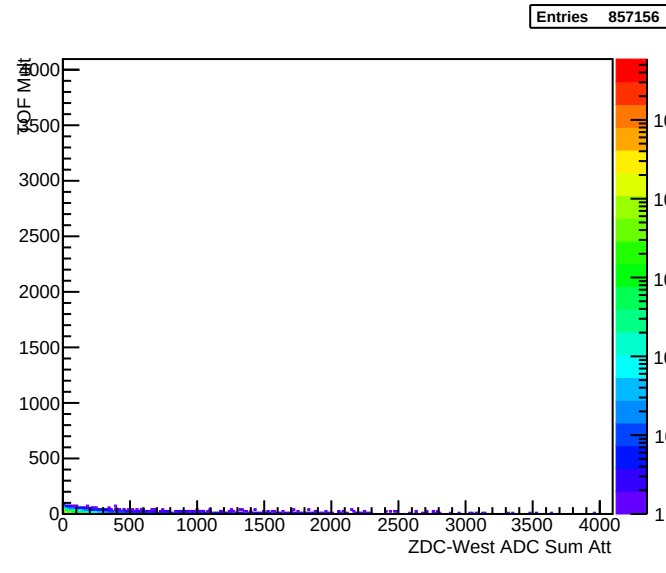

Entries 857156
TOF Mult
BBC-S-East ADC Sum

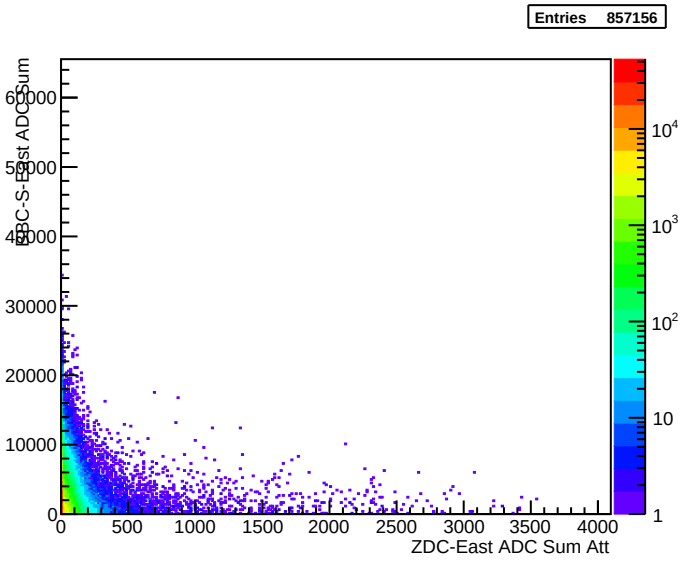

Entries 857156
TOF Mult
BBC-S-West ADC Sum

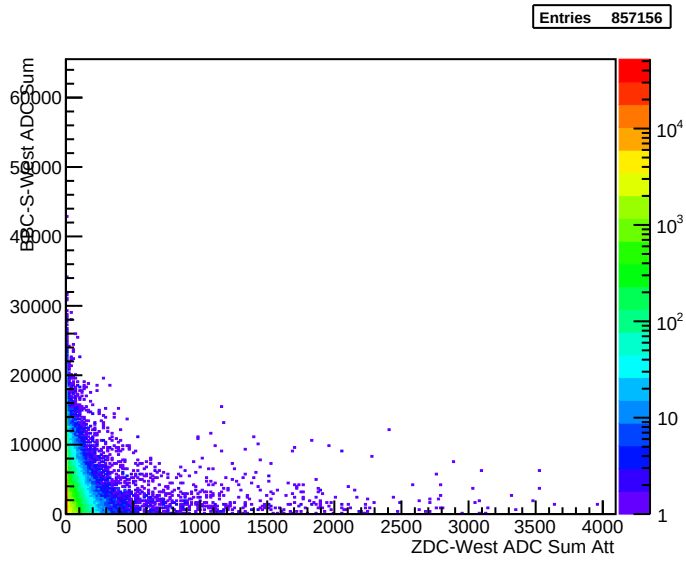

Entries 857156
TOF Mult
VPD-East ADC Sum

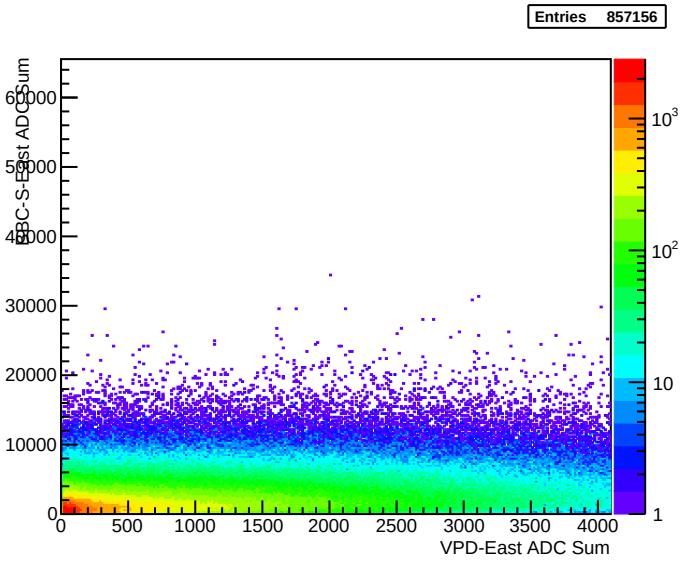

Entries 857156
TOF Mult
VPD-West ADC Sum

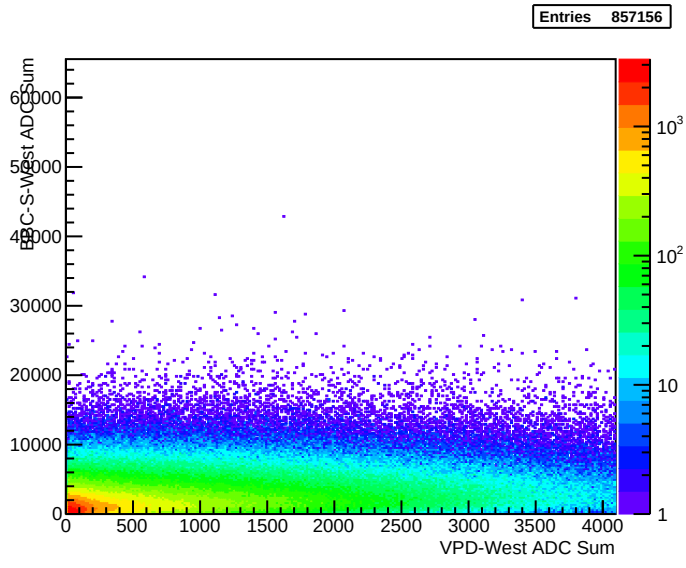

Entries 857156
TOF Mult
ZDC-East ADC Sum Att

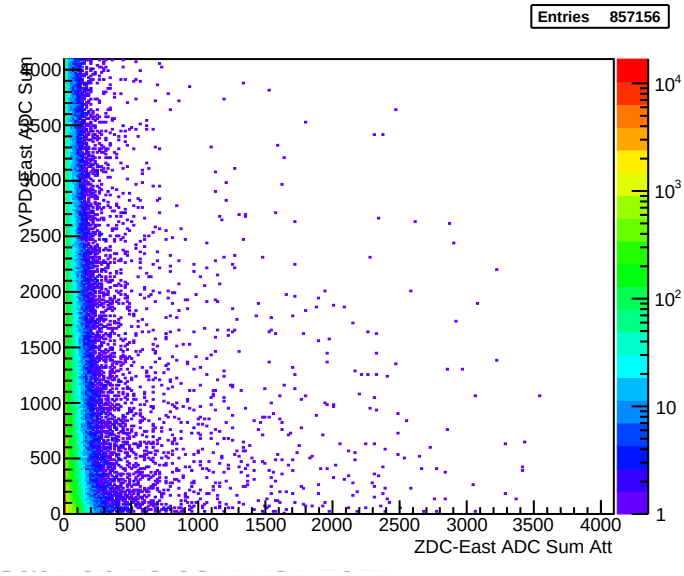

Entries 857156
TOF Mult
ZDC-West ADC Sum Att

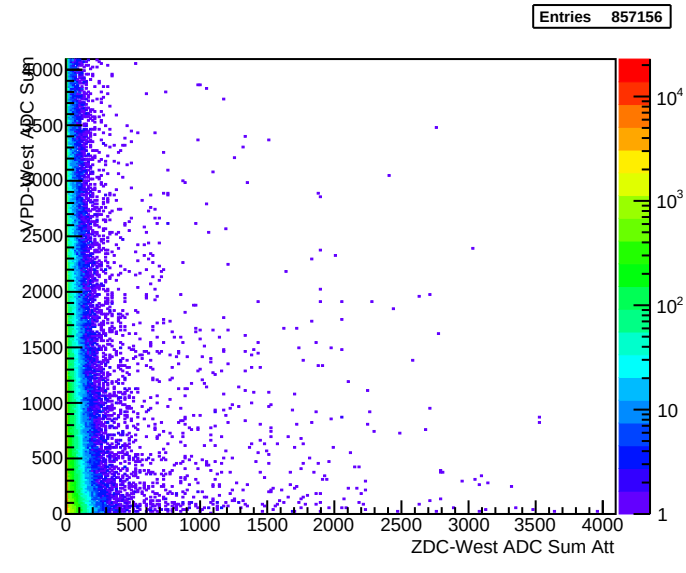

Entries 857156
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

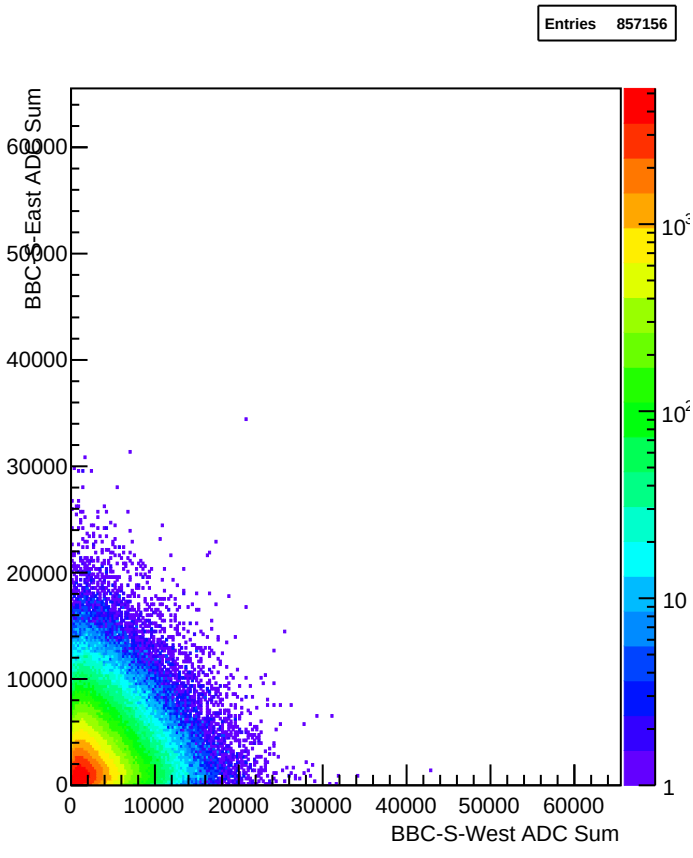

Entries 857156
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

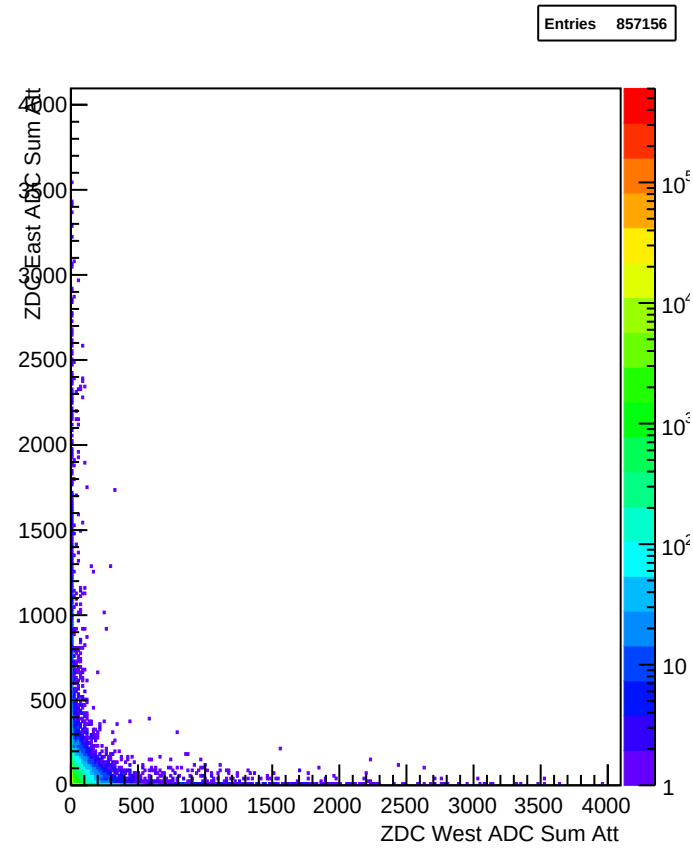

Entries 857156
BBC-S-East ADC Sum
VPD-East ADC Sum

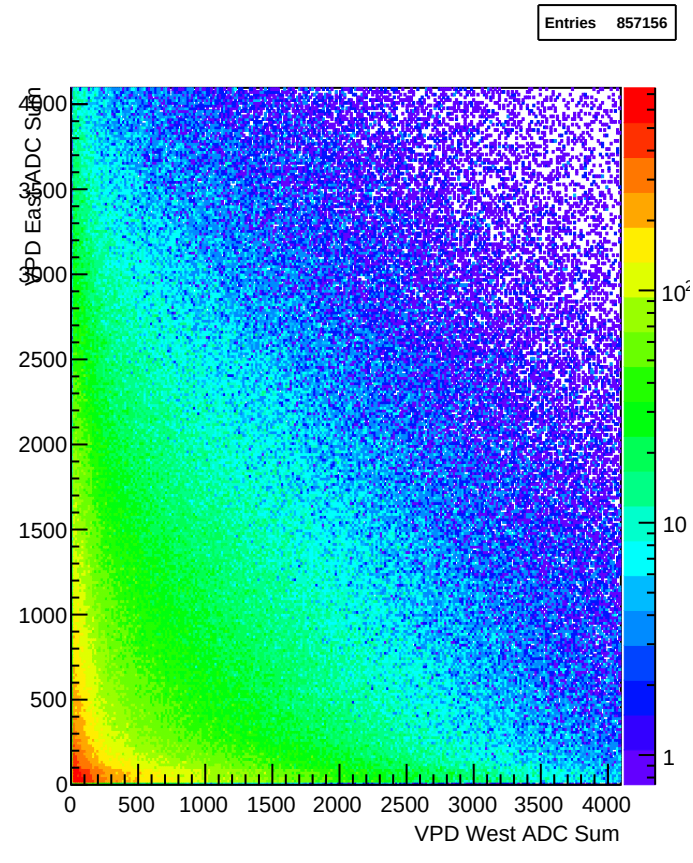

Entries 857156
BBC-S-West ADC Sum
VPD-West ADC Sum

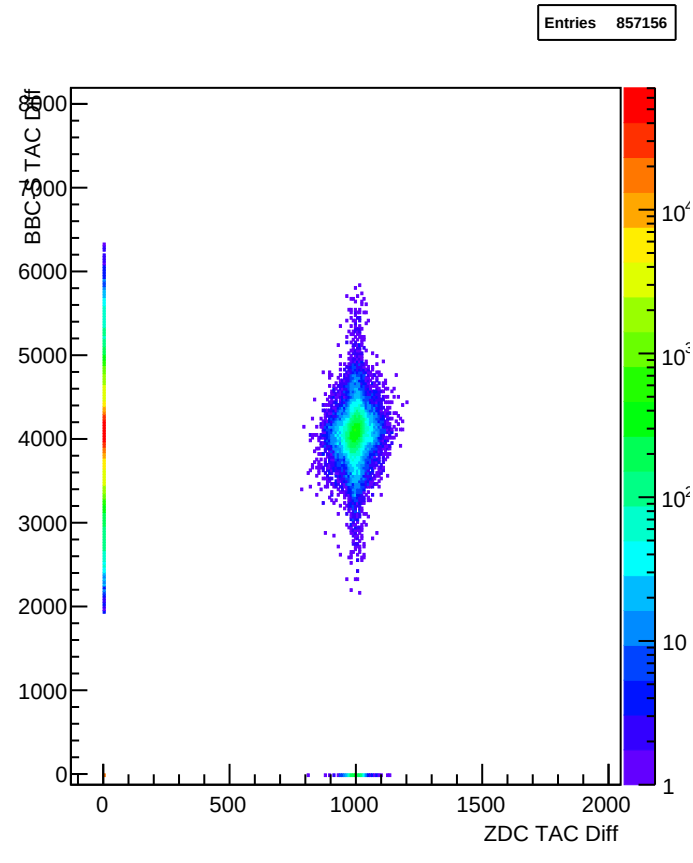

Entries 857156
VPD-East ADC Sum
ZDC-East ADC Sum Att

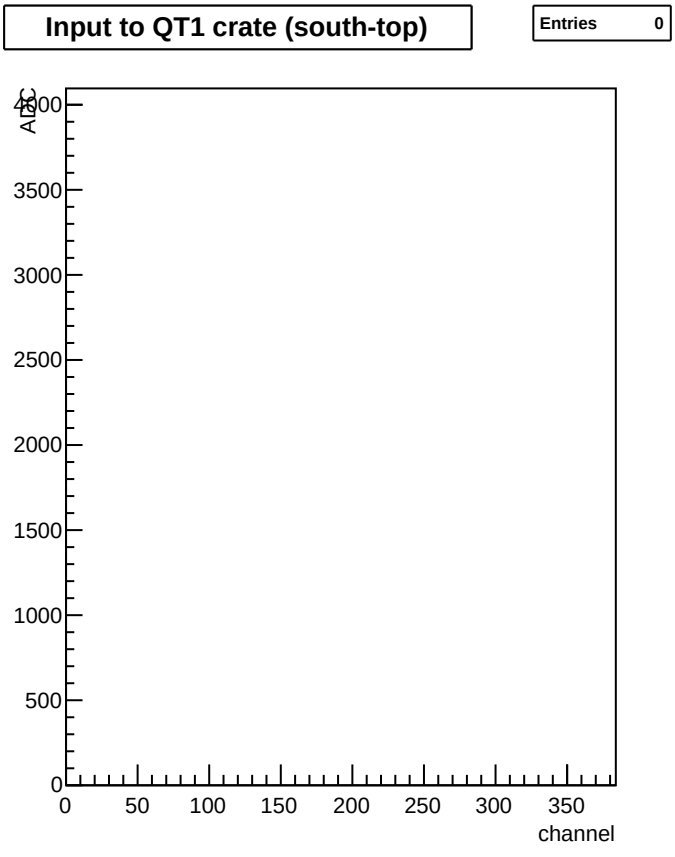

Entries 857156
VPD-West ADC Sum
ZDC-West ADC Sum Att

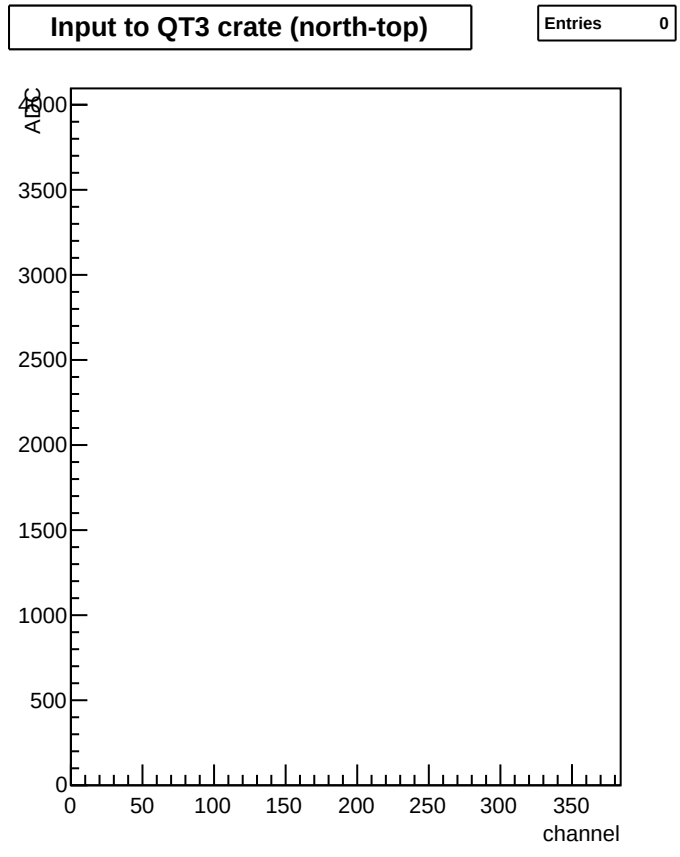

Entries 857156
BBC-S-East ADC Sum
BBC-S-West ADC Sum

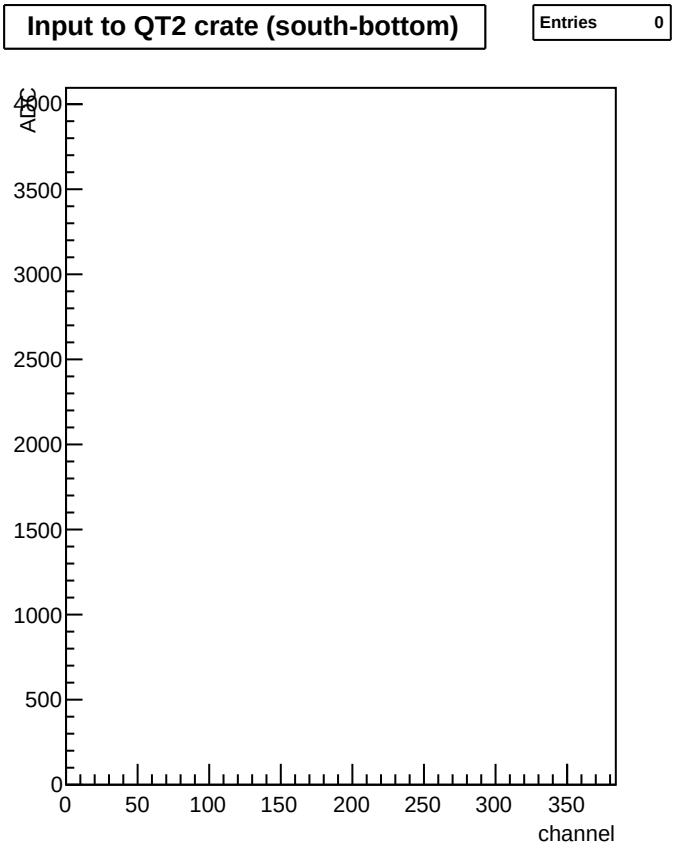

Entries 857156
ZDC East ADC Sum Att
ZDC West ADC Sum Att

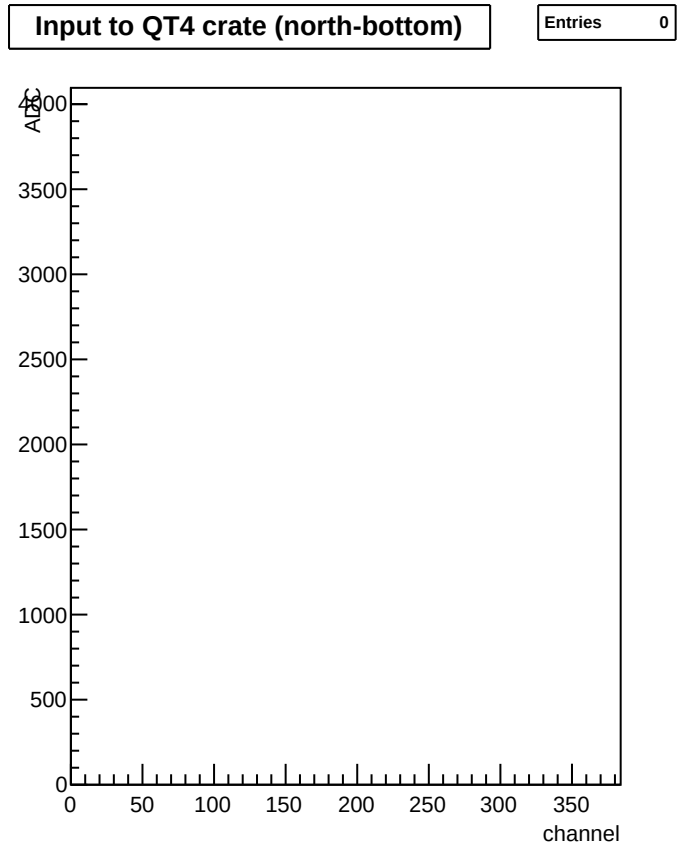

Entries 857156
VPD East ADC Sum
VPD West ADC Sum

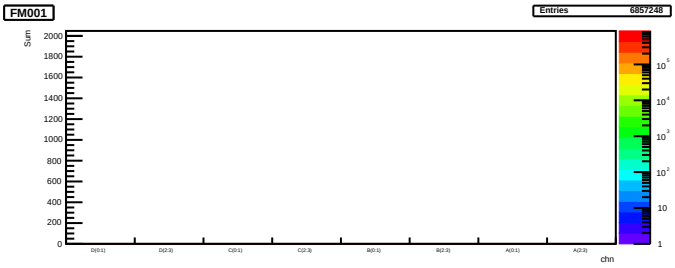

Entries 857156
BBC-S TAC Diff
ZDC TAC Diff

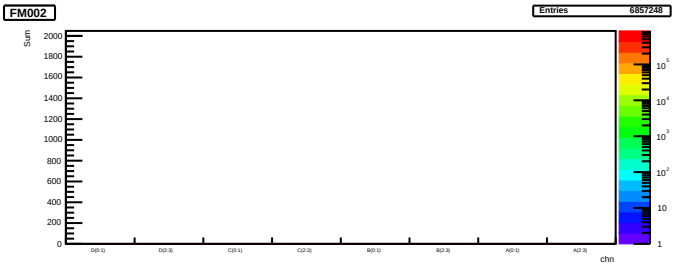

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

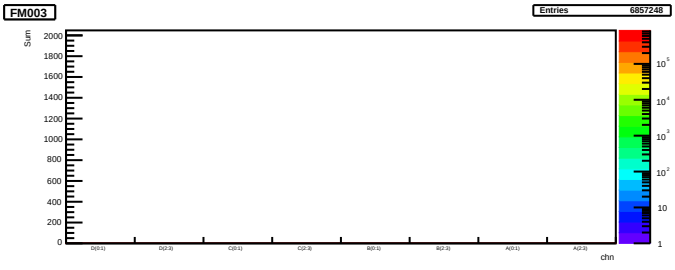

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

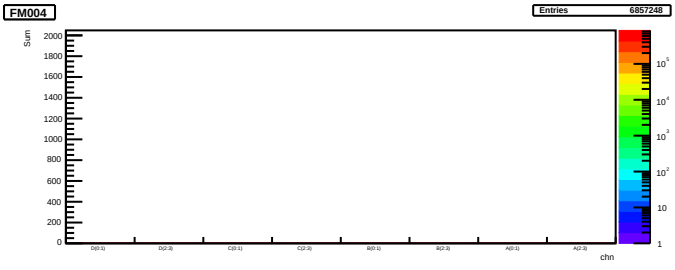

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

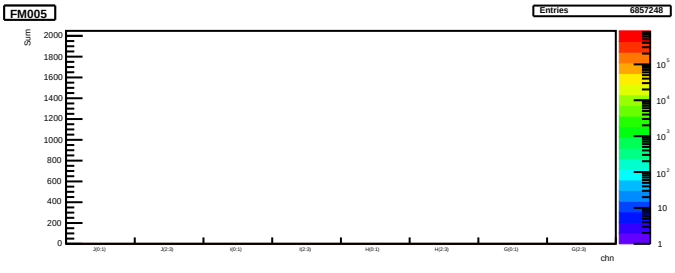

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

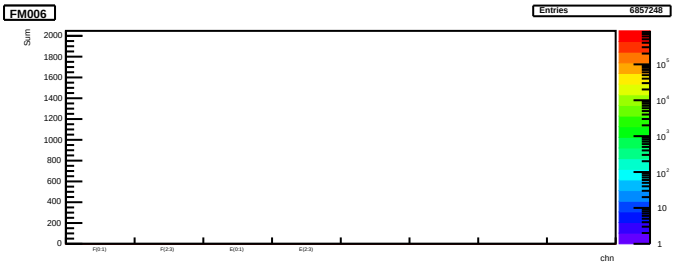

FM001
Entries 6857248
Sum
chn

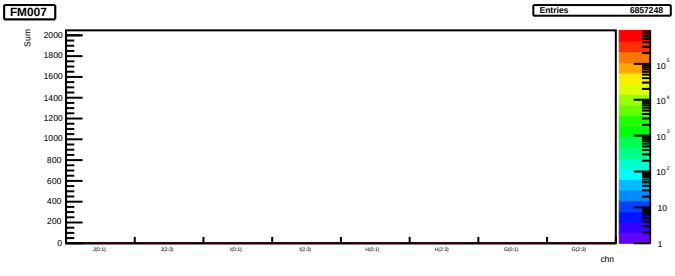

FM002
Entries 6857248
Sum
chn

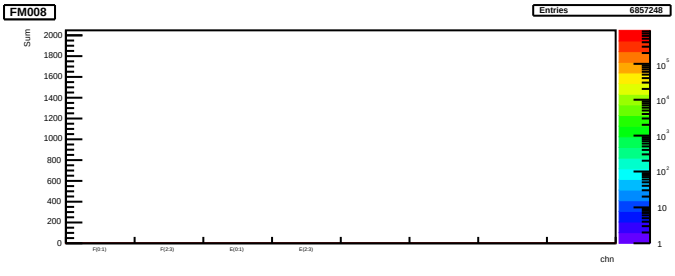

FM003
Entries 6857248
Sum
chn

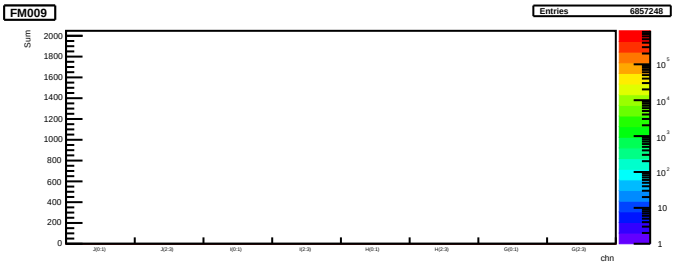

FM004
Entries 6857248
Sum
chn

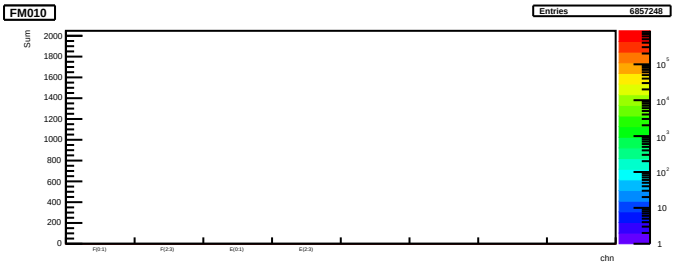

FM005
Entries 6857248
Sum
chn

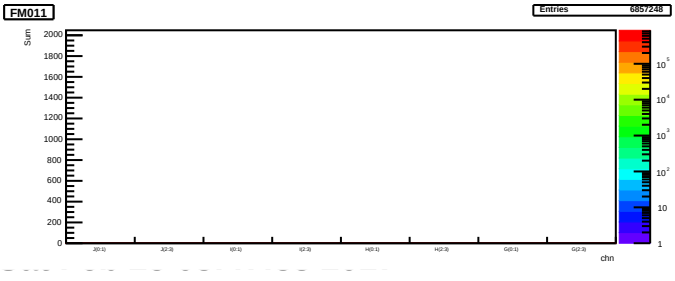

FM006
Entries 6857248
Sum
chn

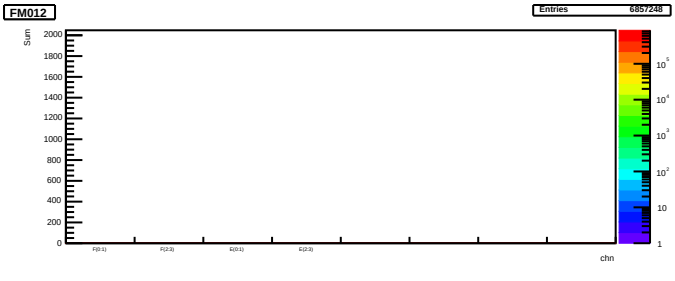

FM007
Entries 6857248
Sum
chn

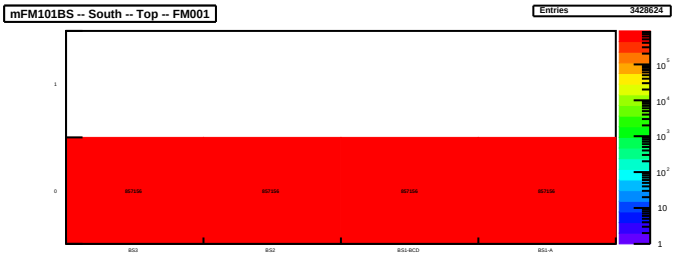

FM008
Entries 6857248
Sum
chn

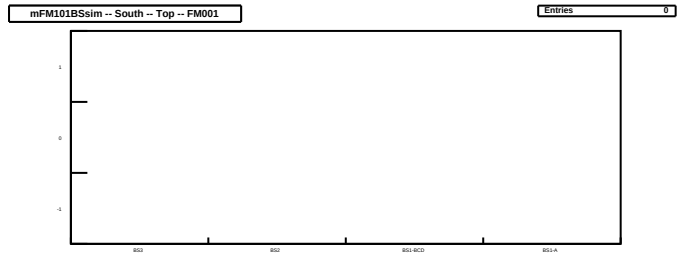

FM009
Entries 6857248
Sum
chn

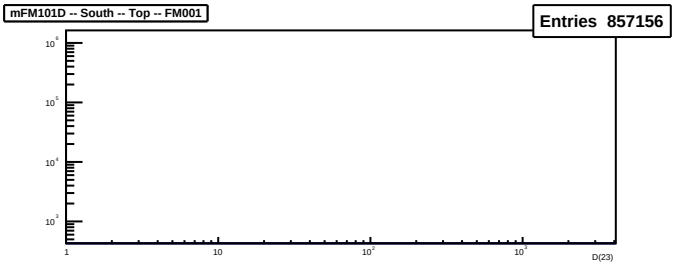

FM010
Entries 6857248
Sum
chn

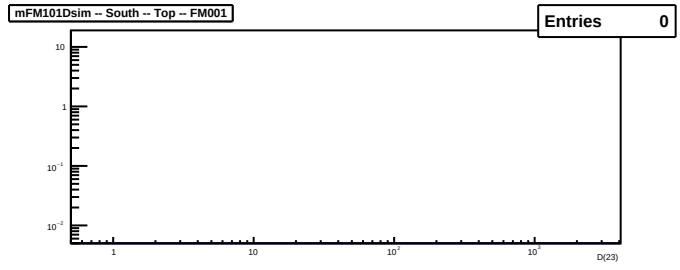

FM011
Entries 6857248
Sum
chn

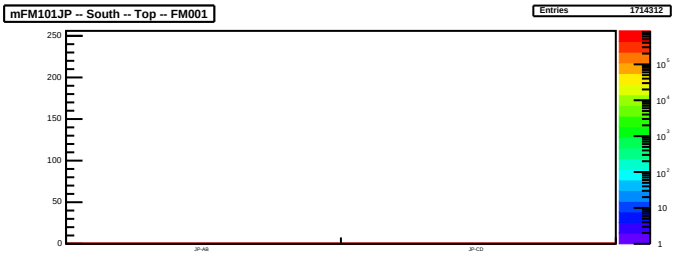

FM012
Entries 6857248
Sum
chn

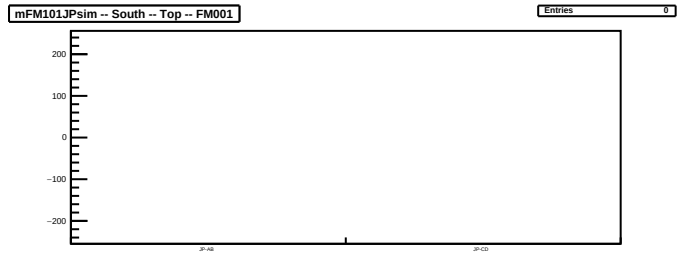

mFM101BS -- South -- Top -- FM001
Entries 3428624
857156
857156
857156
857156
BS3
BS2
BS1-BCD
BS1-A

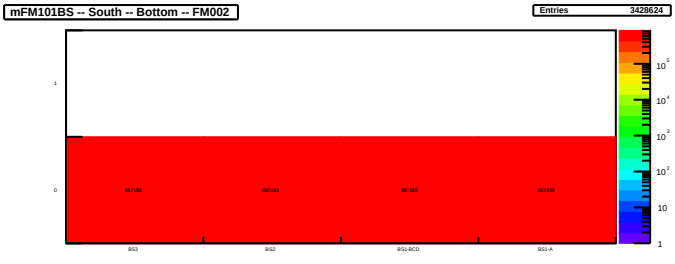

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

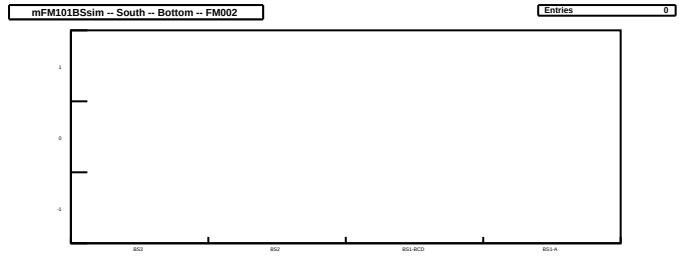

mFM101D -- South -- Top -- FM001
Entries 857156
D(23)

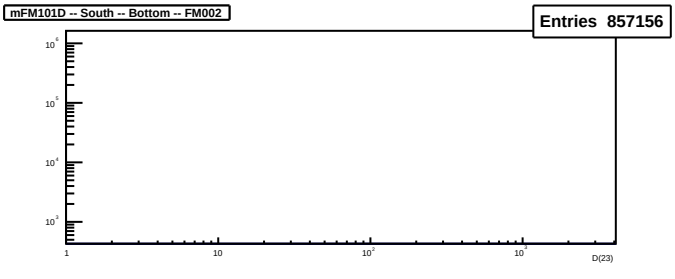

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

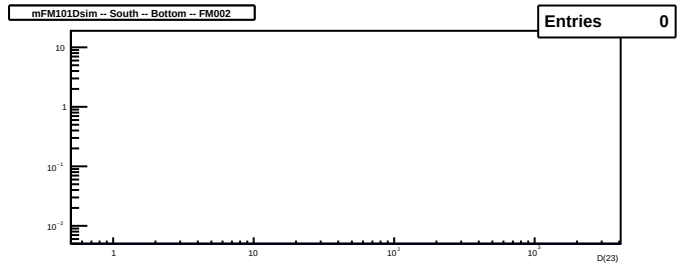

mFM101JP -- South -- Top -- FM001
Entries 1714312
JP-AB
JP-CD


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

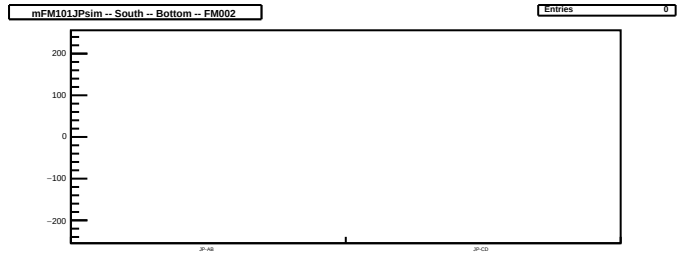

mFM101BS -- South -- Bottom -- FM002
Entries 3428624
857156
857156
857156
857156
BS3
BS2
BS1-BCD
BS1-A

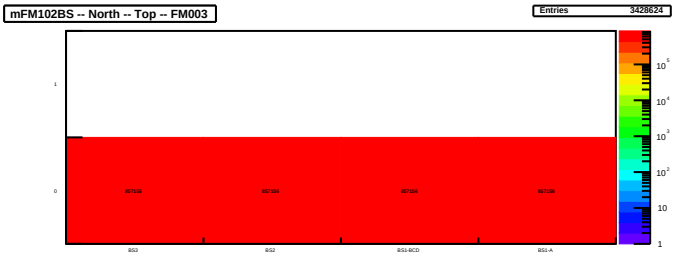

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 857156
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 1714312
JP-AB
JP-CD


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


mFM102BS -- North -- Top -- FM003
Entries 3428624
857156
857156
857156
857156
BS3
BS2
BS1-BCD
BS1-A

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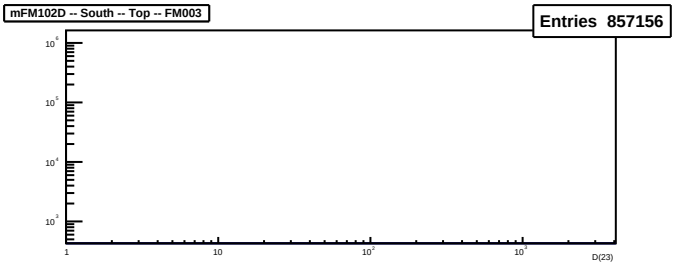
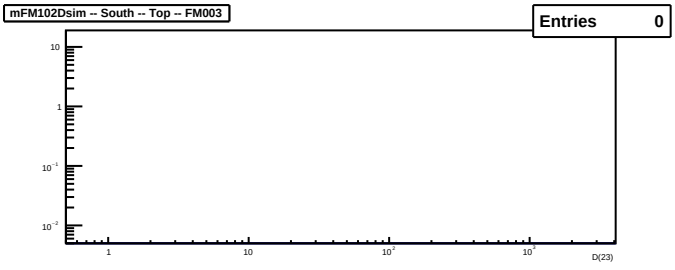
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 857156
D(23)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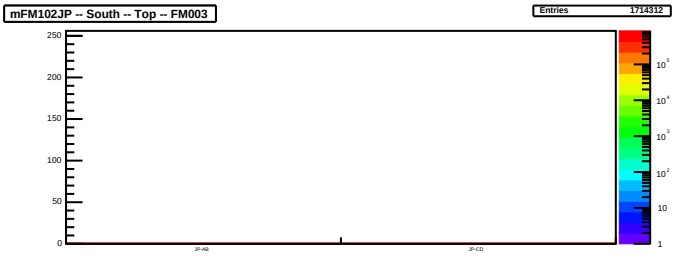
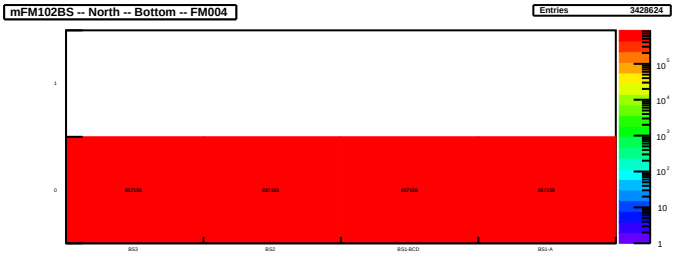
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1714312
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 3428624
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BS3
BS2
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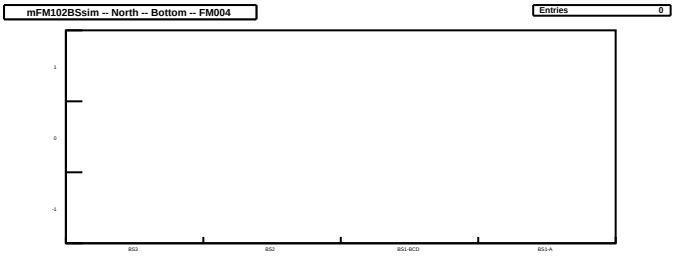
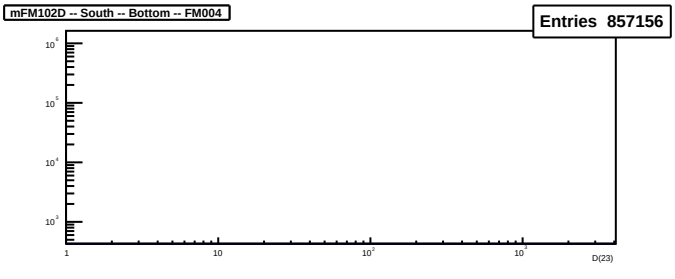
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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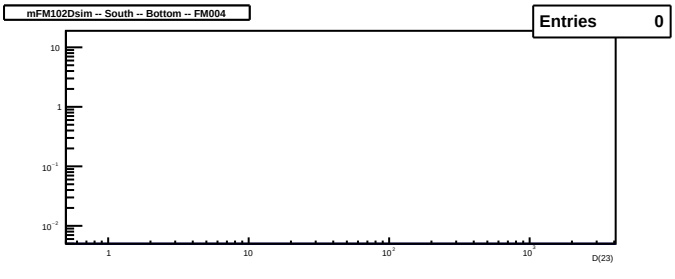
Entries 857156
D(23)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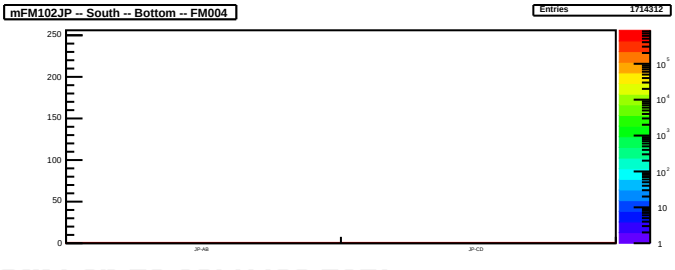
Entries 0
D(23)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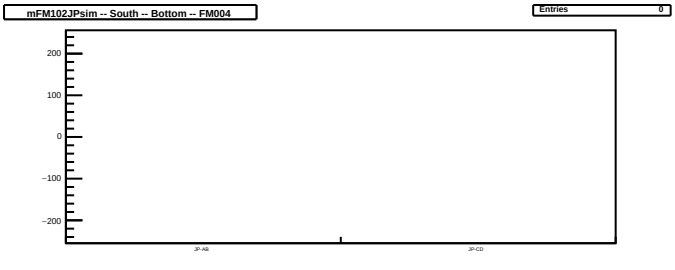
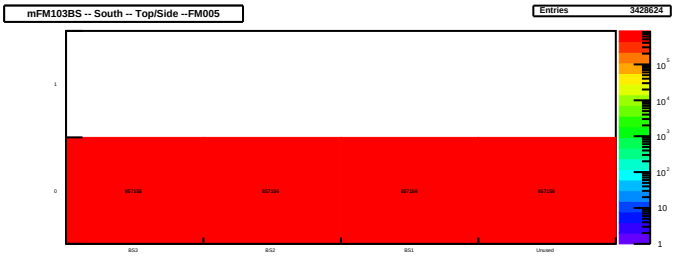
Entries 1714312
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 3428624
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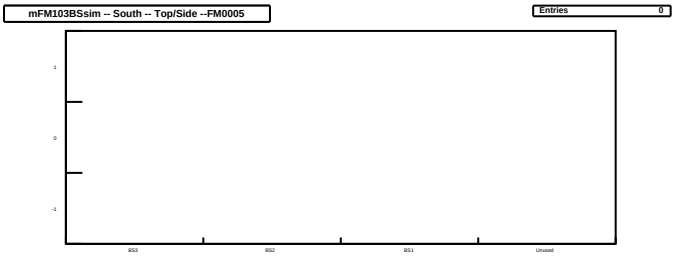
857156
BS3
BS2
BS1
Unused


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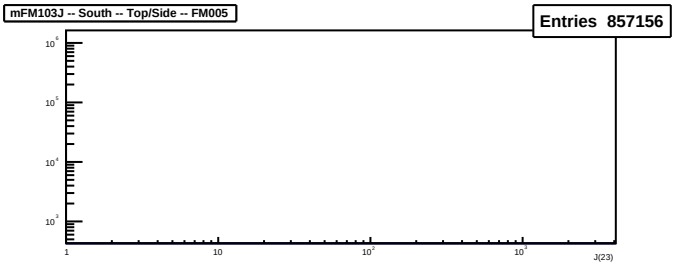
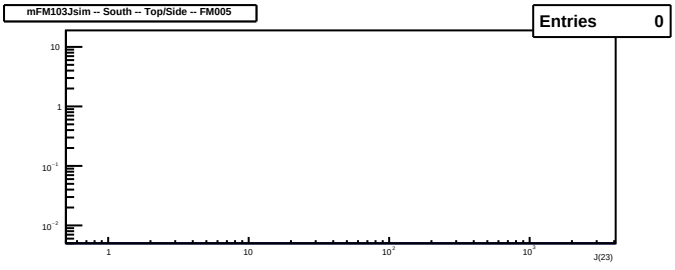
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 857156
J(23)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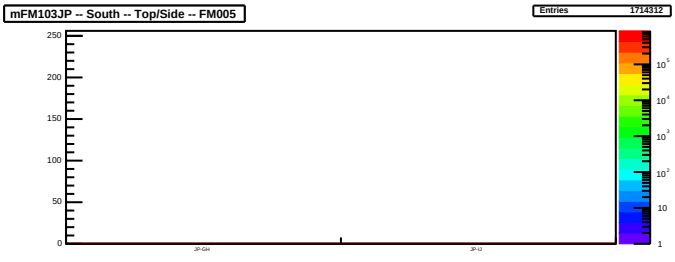
Entries 0
J(23)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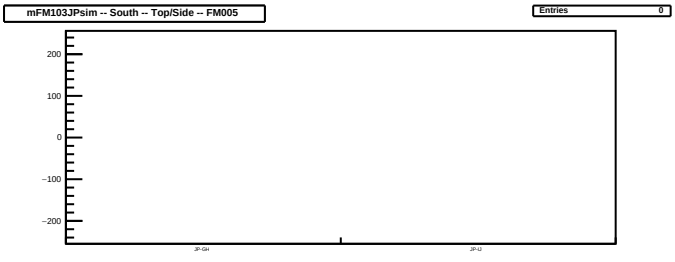
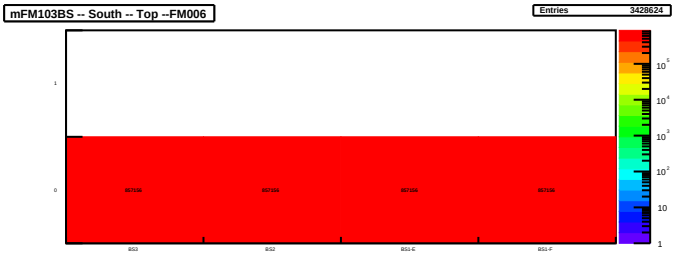
Entries 1714312
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 3428624
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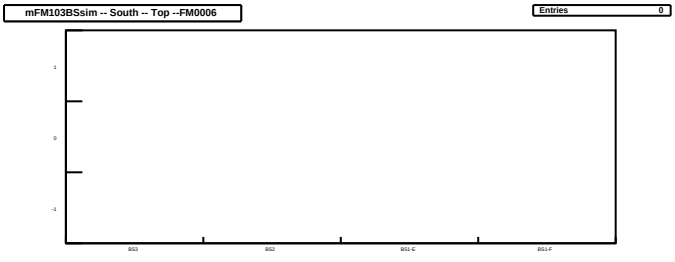
857156
BS3
BS2
BS1-E
BS1-F


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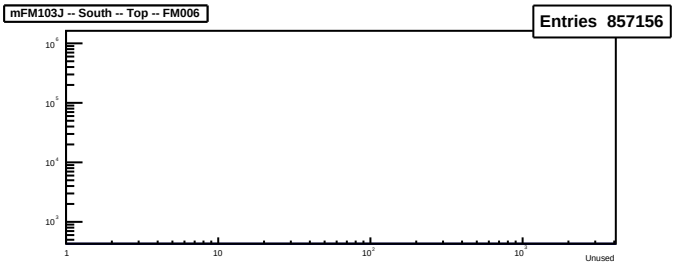
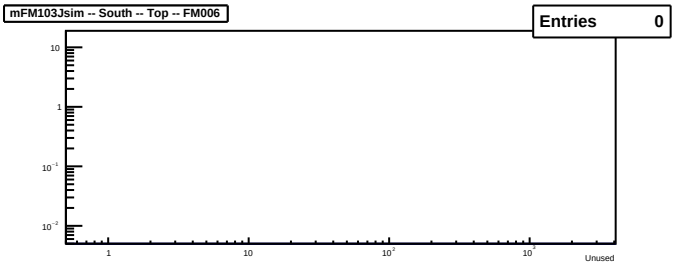
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 857156
Unused


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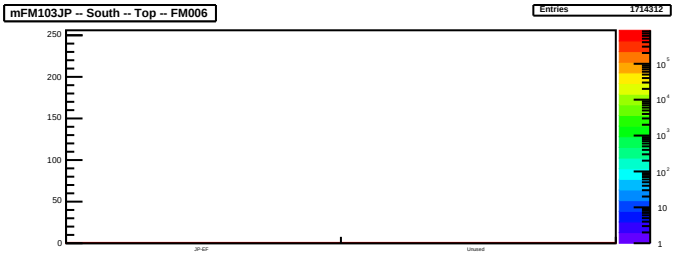
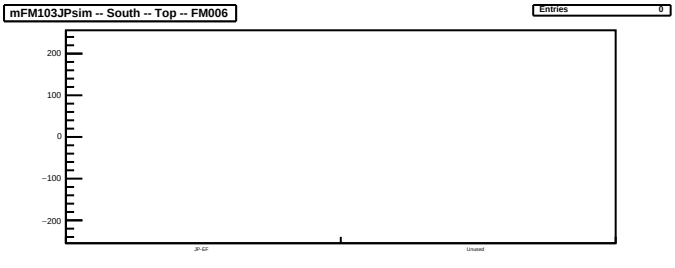
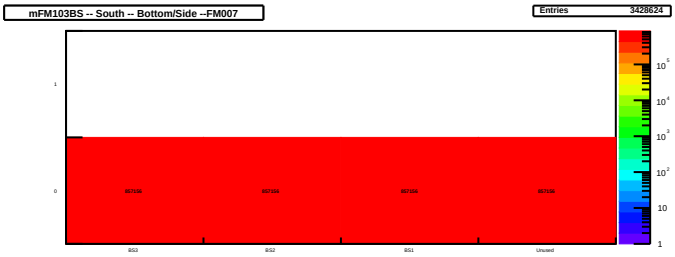

mFM103JP -- South -- Top -- FM006
Entries 1714312
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 3428624
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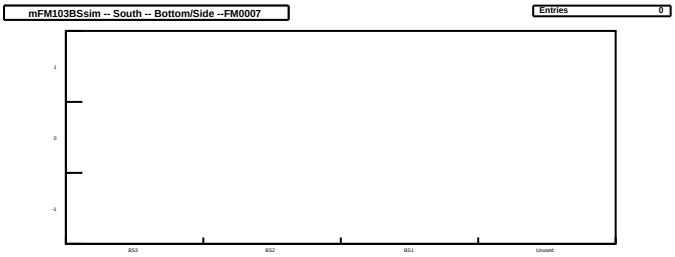
BS1
Unused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Entries 0
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BS2
BS1
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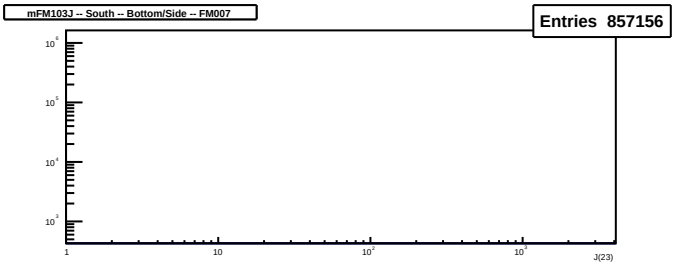
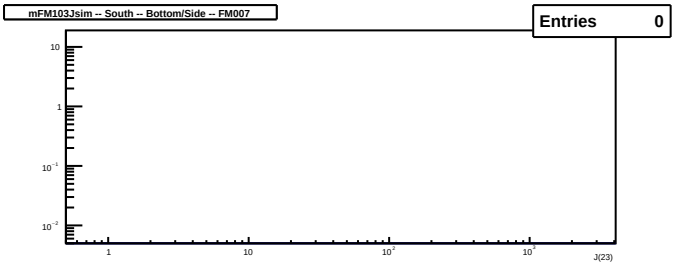

mFM103J -- South -- Bottom/Side -- FM007
Entries 857156
J(23)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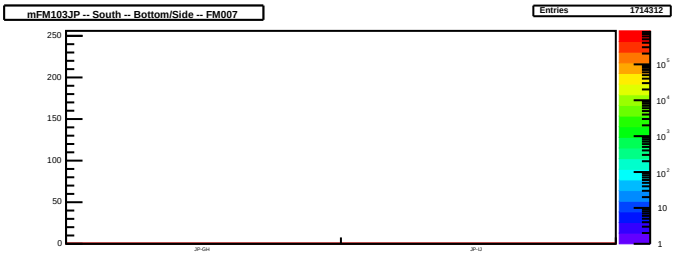
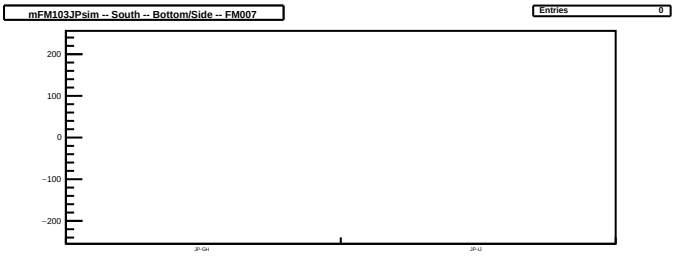
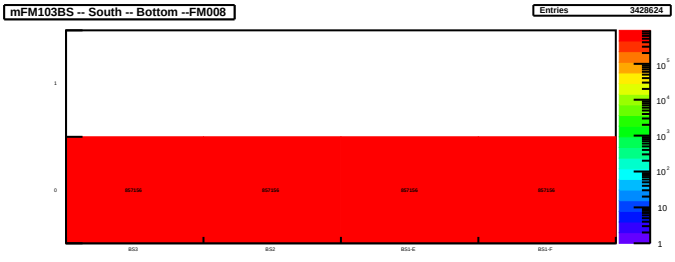
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1714312
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 3428624
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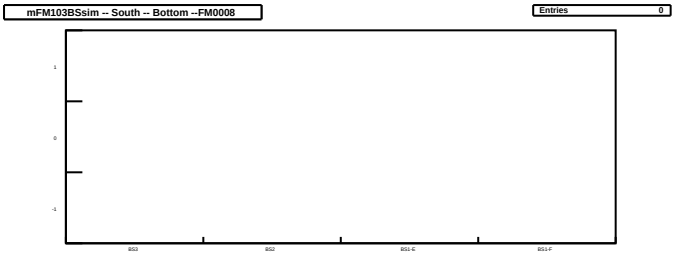
BS1-E
BS1-F


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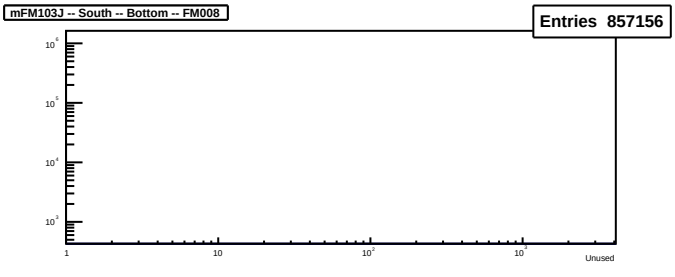
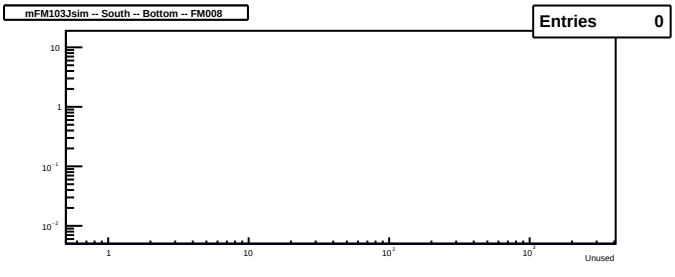
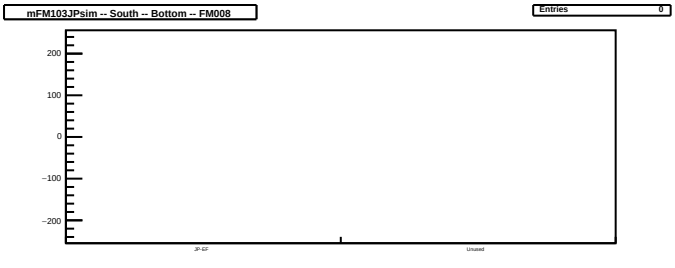
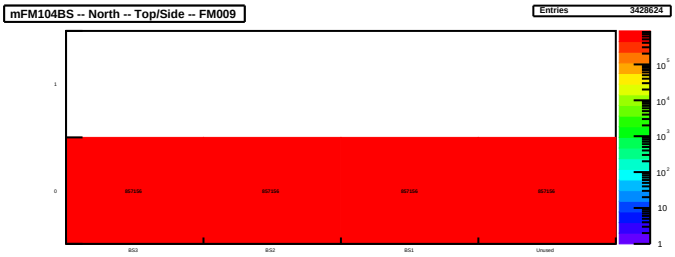
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 857156
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 1714312
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 3428624
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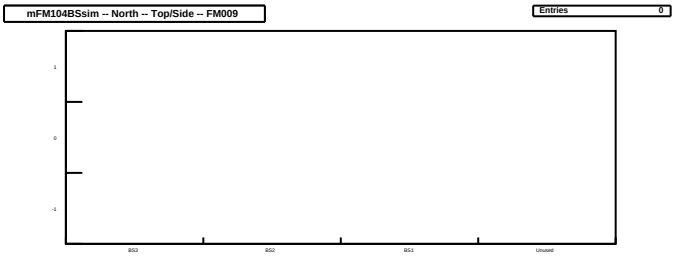
857156
857156
BS3
BS2
BS1
Unused


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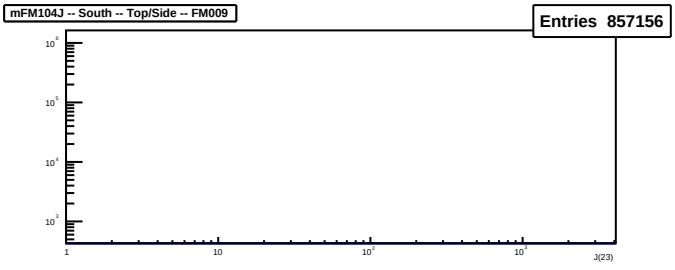
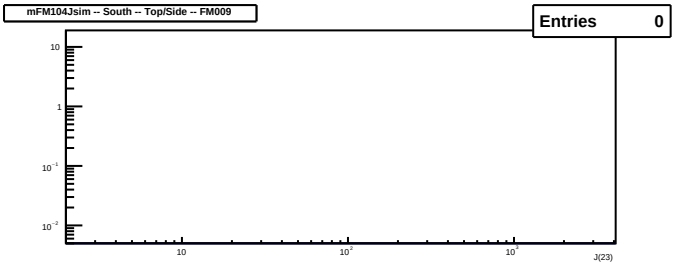
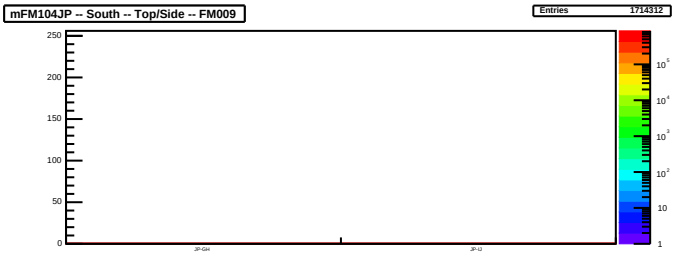
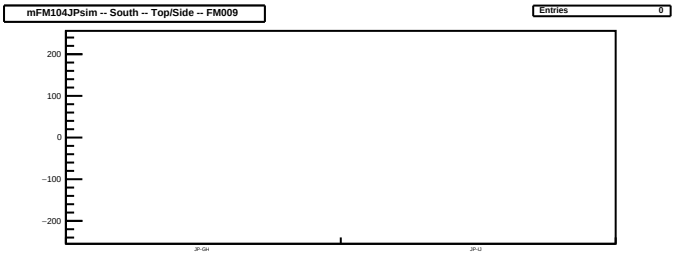
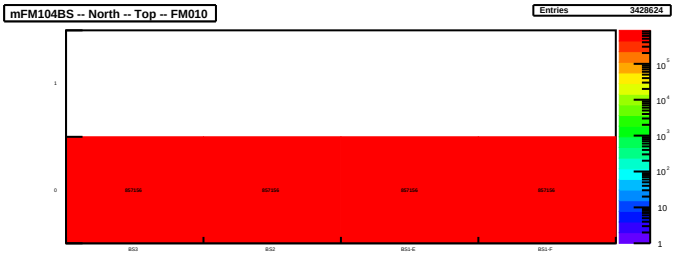
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 857156
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 1714312
JP-GH
JP-IJ


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


mFM104BS -- North -- Top -- FM010
Entries 3428624
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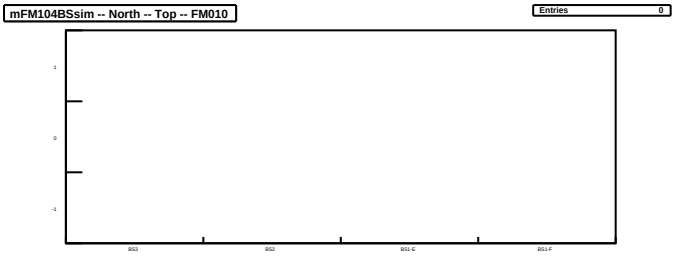
BS2
BS1-E
BS1-F


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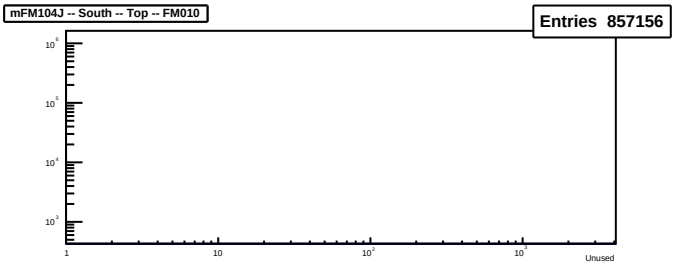
BS1-E
BS1-F


mFM104J -- South -- Top -- FM010
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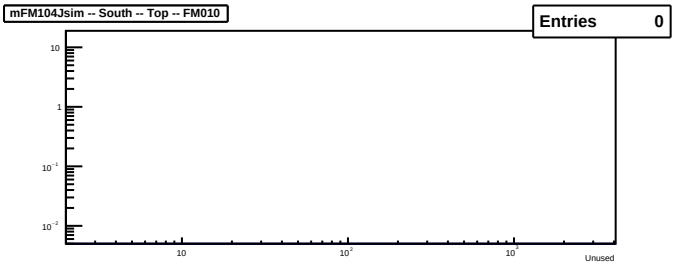
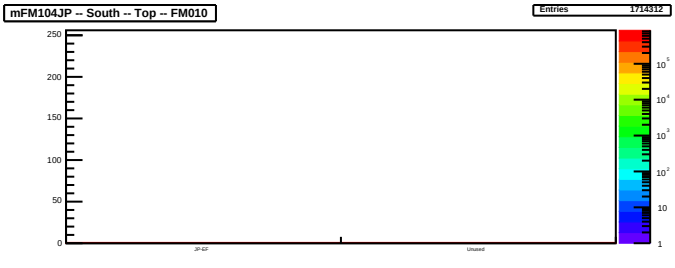

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused


mFM104JP -- South -- Top -- FM010
Entries 1714312
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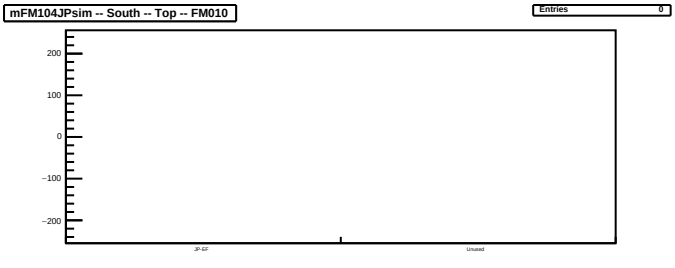
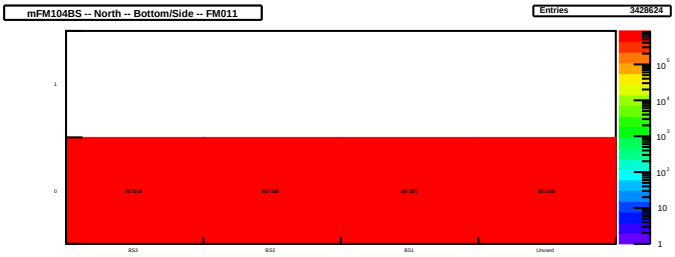
Unused


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


mFM104BS -- North -- Bottom/Side -- FM011
Entries 3428624
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857156
857156
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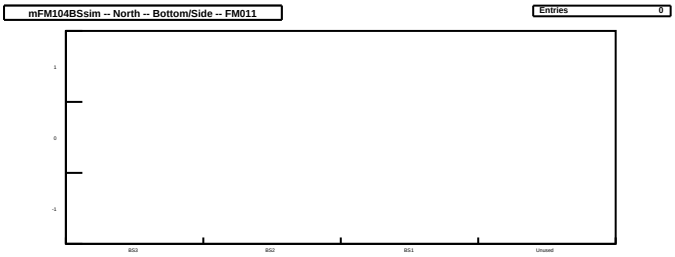
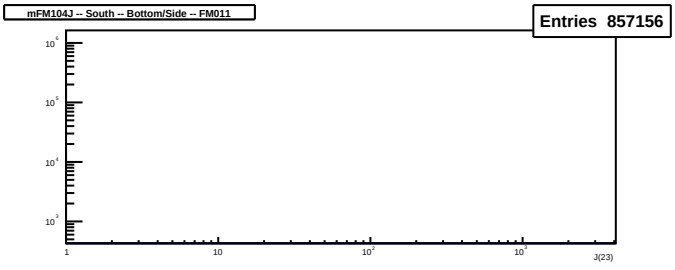
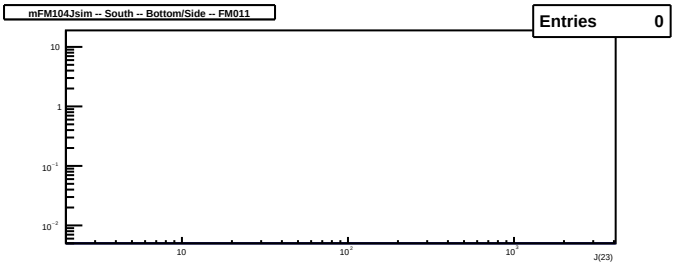
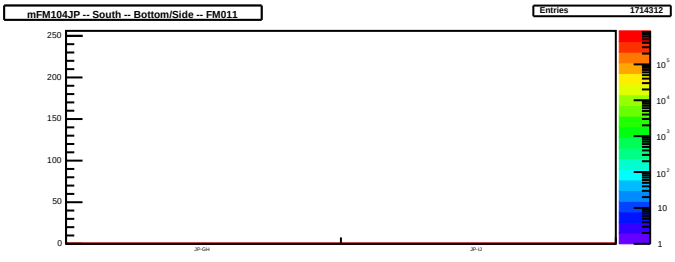
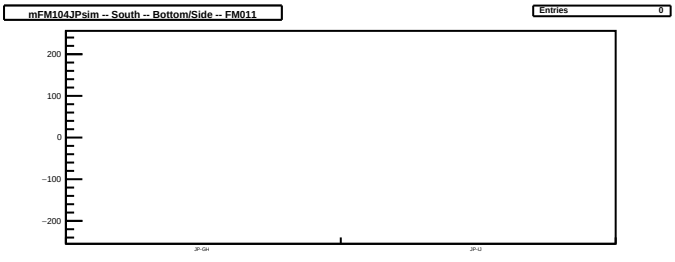
BS3
BS2
BS1
Unused

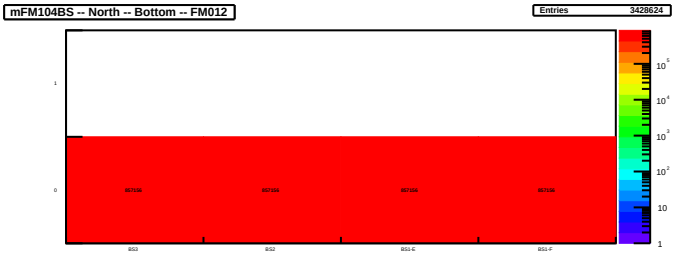

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

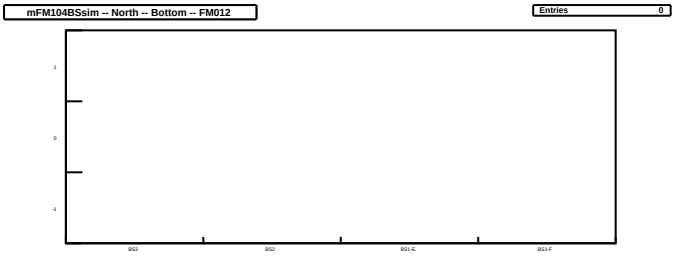

mFM104J -- South -- Bottom/Side -- FM011
Entries 857156
J(23)

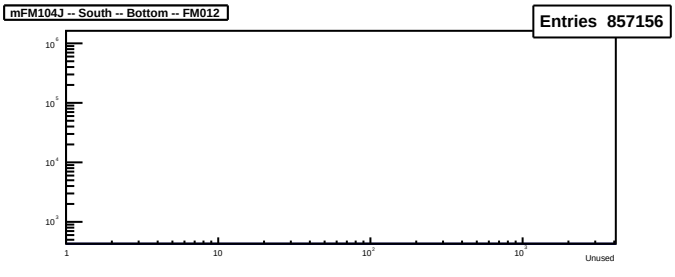

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

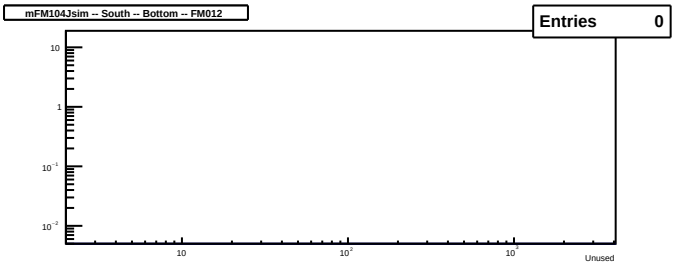

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1714312
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 3428624
857156
857156
857156
857156
BS3
BS2
BS1-E
BS1-F

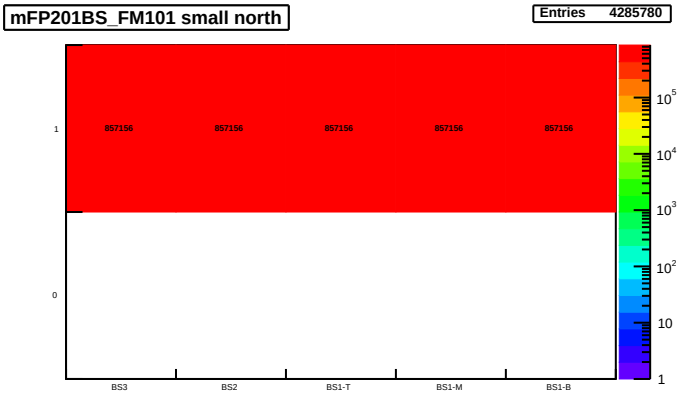

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

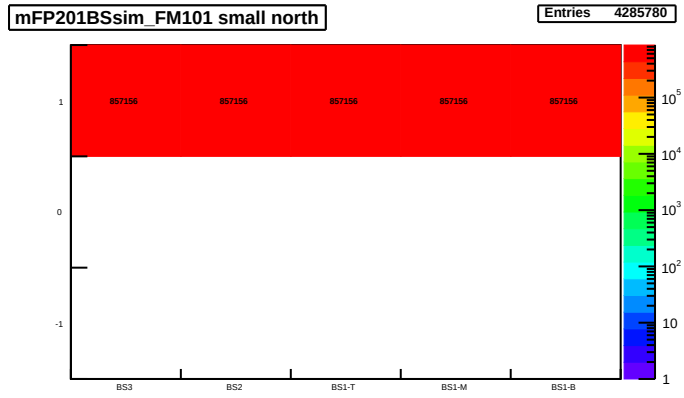

mFM104J -- South -- Bottom -- FM012
Entries 857156
Unused

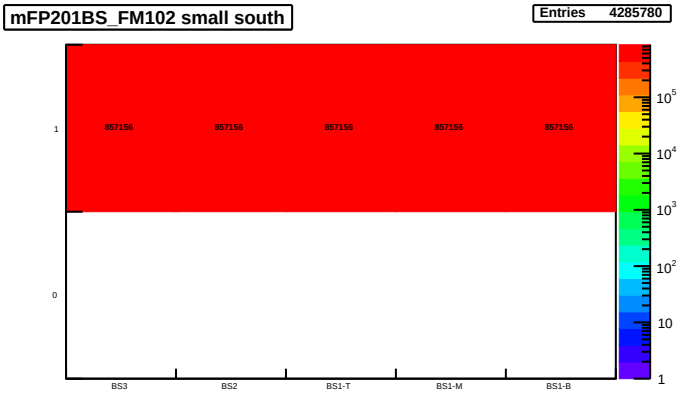

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

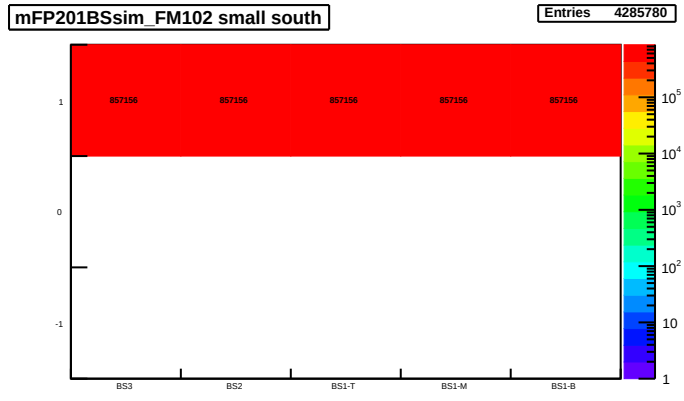
mFM104JP -- South -- Bottom -- FM012
Entries 1714312
JP-EF
Unused

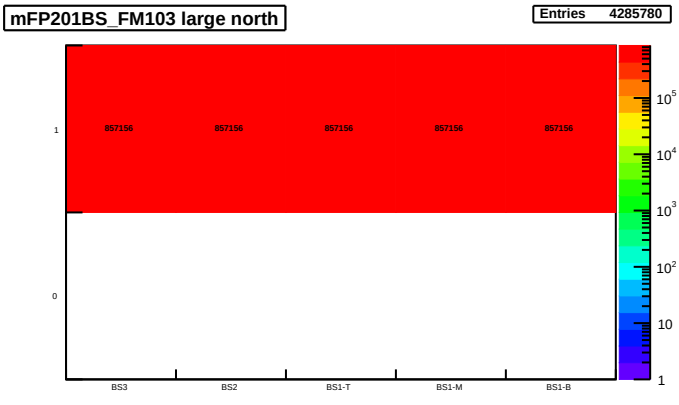
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

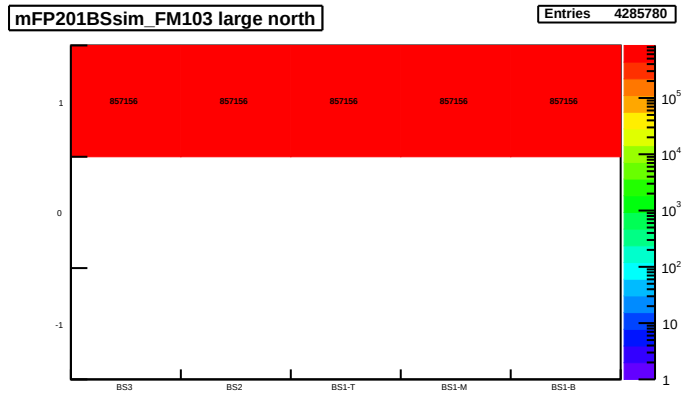

mFP201BS_FM101 small north
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

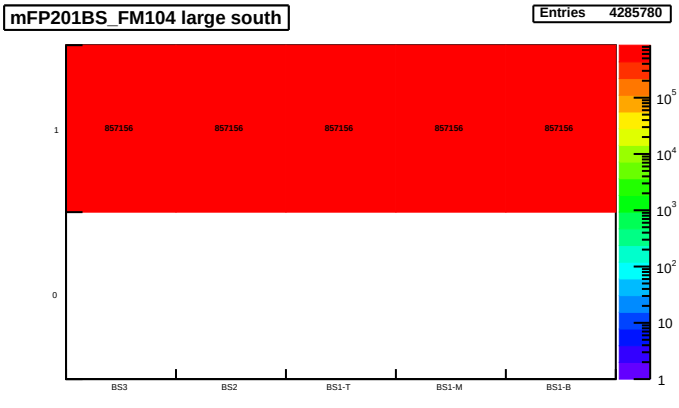

mFP201BSsim_FM101 small north
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

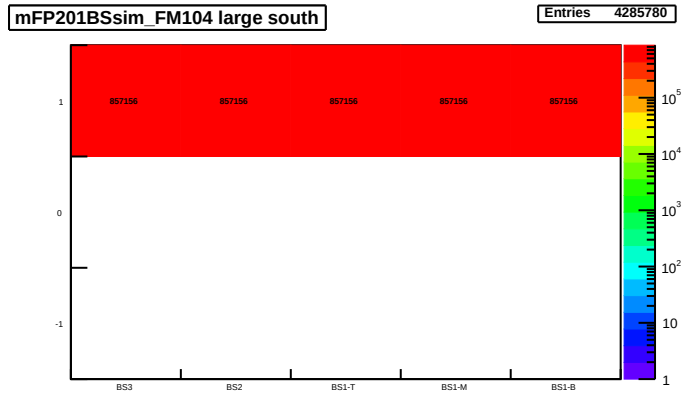

mFP201BS_FM102 small south
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

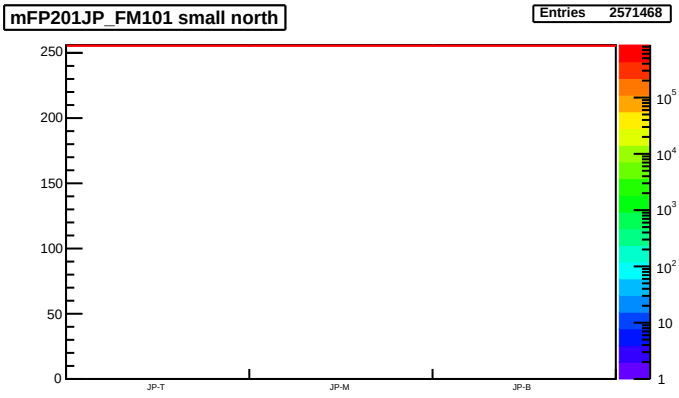

mFP201BSsim_FM102 small south
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

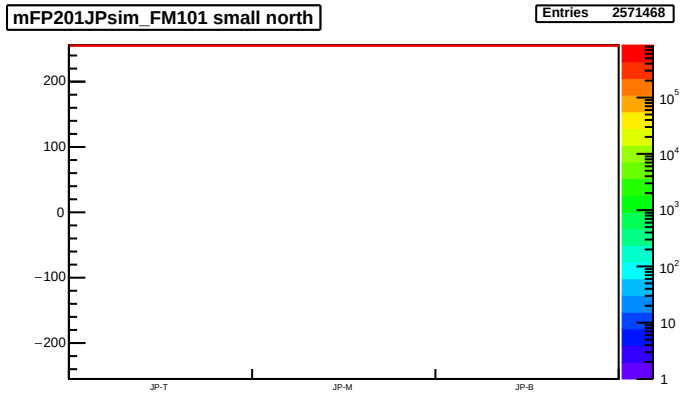

mFP201BS_FM103 large north
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

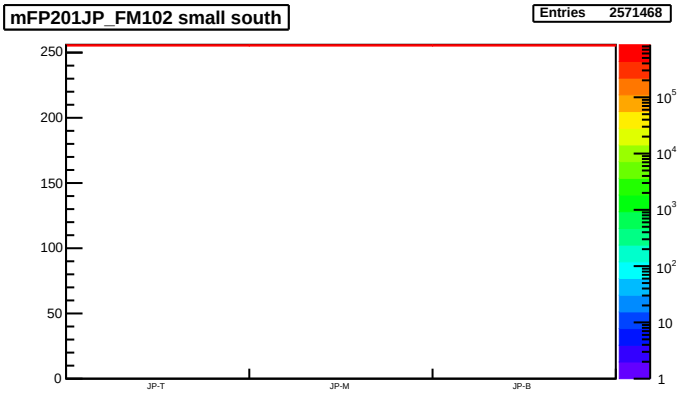

mFP201BSsim_FM103 large north
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

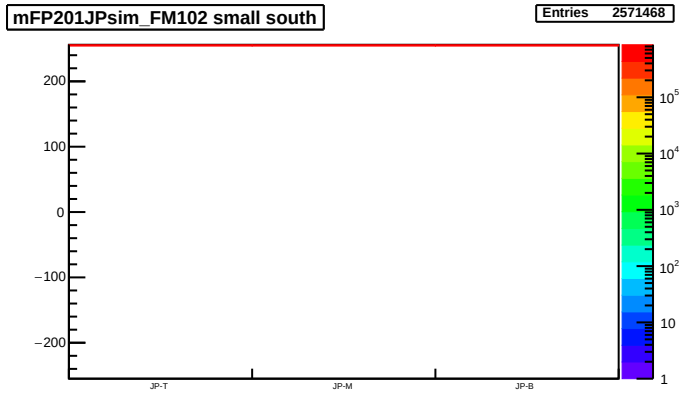

mFP201BS_FM104 large south
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

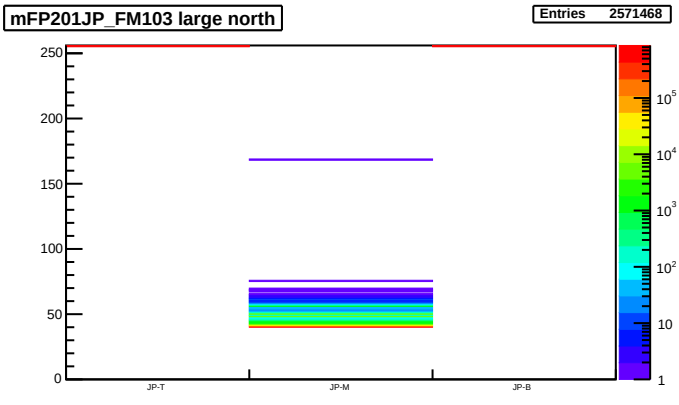

mFP201BSsim_FM104 large south
Entries 4285780
857156
BS3
BS2
BS1-T
BS1-M
BS1-B

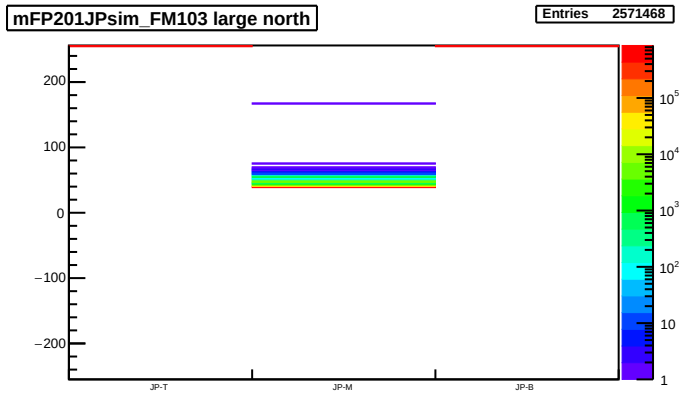

mFP201JP_FM101 small north
Entries 2571468
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

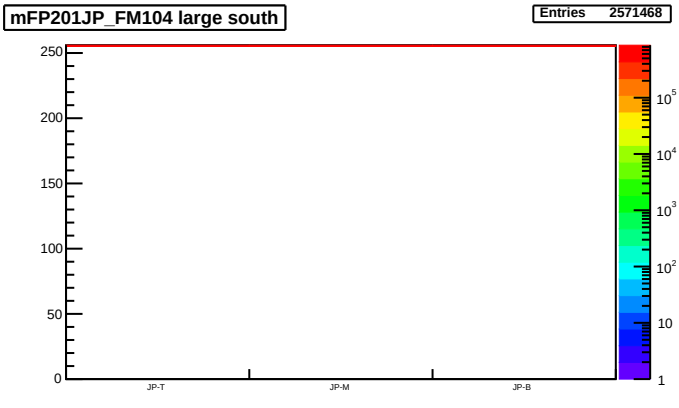

mFP201JPsim_FM101 small north
Entries 2571468
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

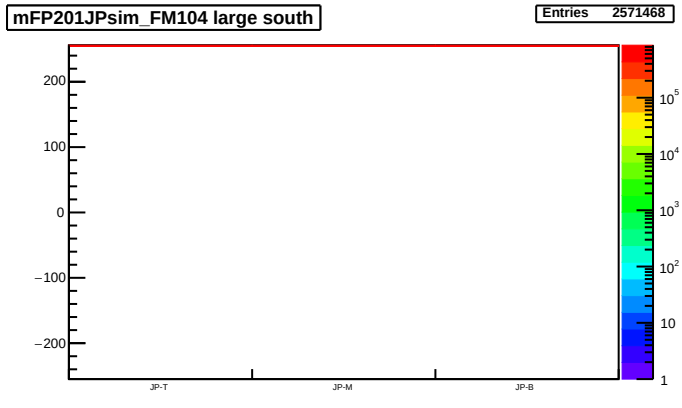

mFP201JP_FM102 small south
Entries 2571468
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

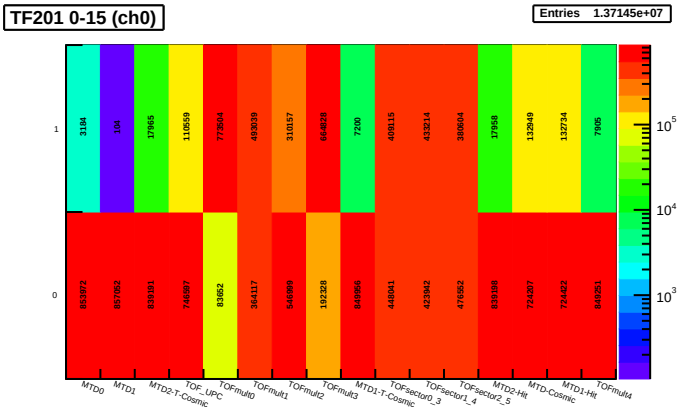

mFP201JPsim_FM102 small south
Entries 2571468
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

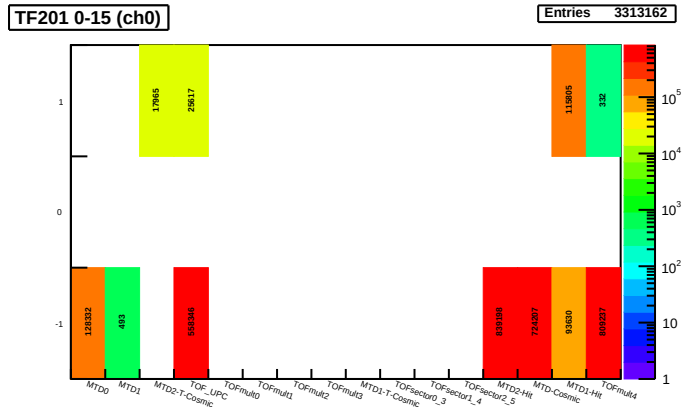

mFP201JP_FM103 large north
Entries 2571468
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

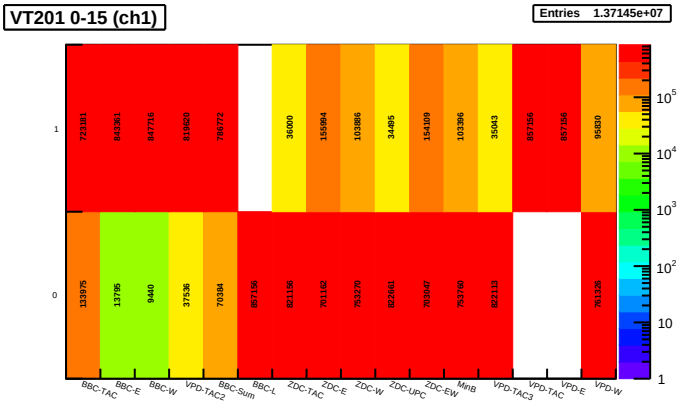

mFP201JPsim_FM103 large north
Entries 2571468
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

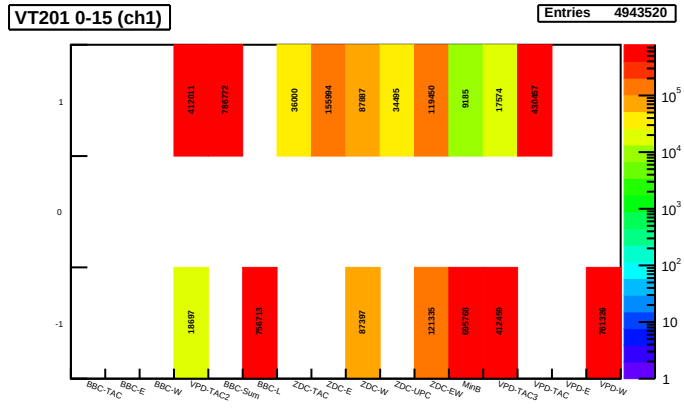

mFP201JP_FM104 large south
Entries 2571468
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

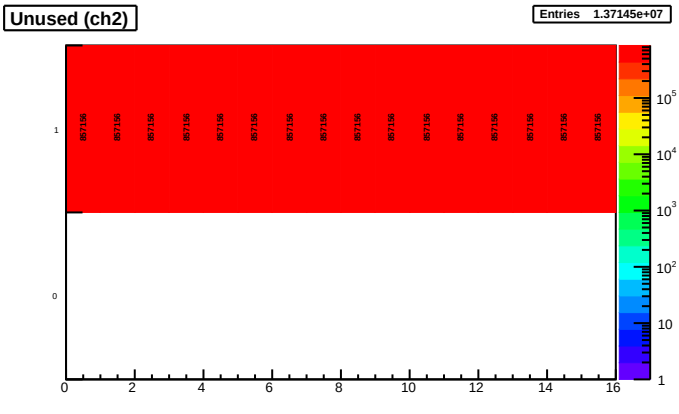

mFP201JPsim_FM104 large south
Entries 2571468
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

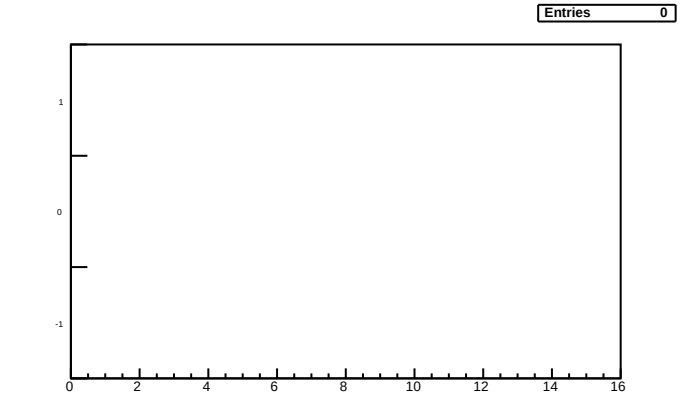

TF201 0-15 (ch0)
Entries 1.37145e+07
3184 104 17965 110559 773604 493039 310157 664828 7200 409115 433214 380604 17958 132849 132734 7905
853872 857062 839181 746697 83652 364117 546899 192328 849966 448941 423942 476852 839198 724207 724422 849251
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

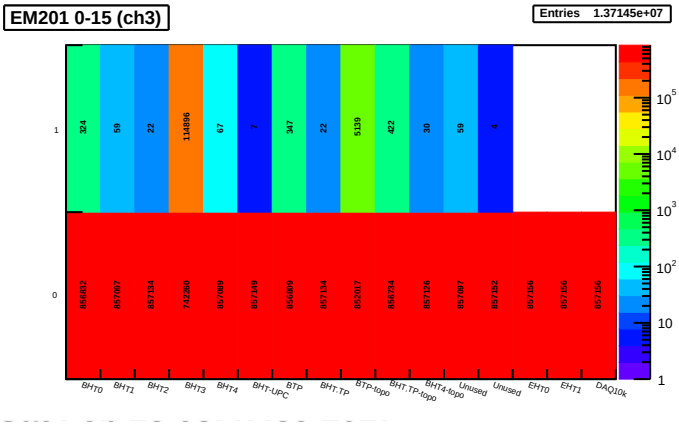

TF201 0-15 (ch0)
Entries 3313162
17965 25617 115905 332
128332 493 558346 839198 724207 93630 809237
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

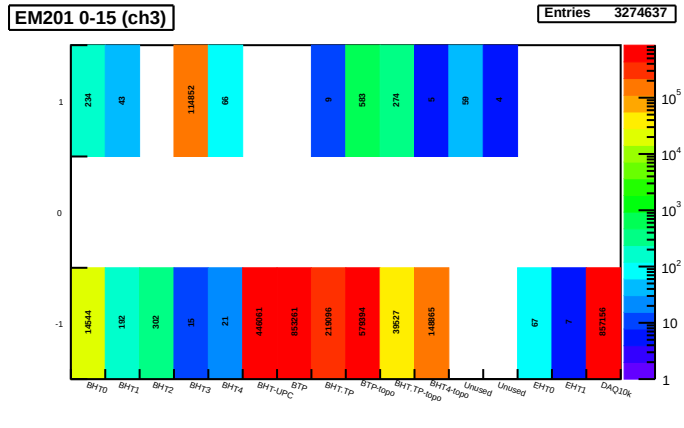

VT201 0-15 (ch1)
Entries 1.37145e+07
723351 843361 847716 819620 786772 36000 155994 103386 34495 154109 103386 35043 857156 857156 95830
133975 13795 9440 37536 70384 857156 821156 701152 753270 822661 703047 753760 822113 761326
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 4943520
412011 786772 36000 155994 87887 34495 119450 9185 17574 430467
18697 756713 87397 121335 695768 412459 761326
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

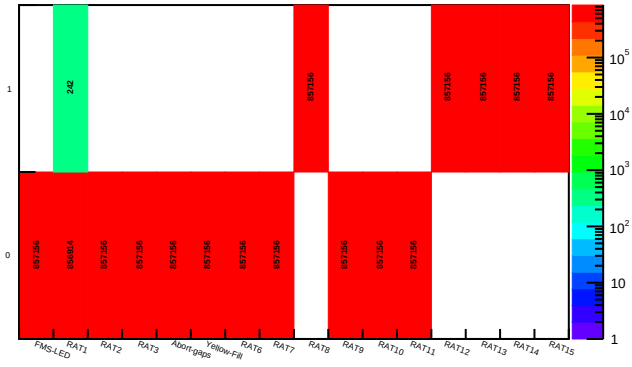

Unused (ch2)
Entries 1.37145e+07
857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156 857156

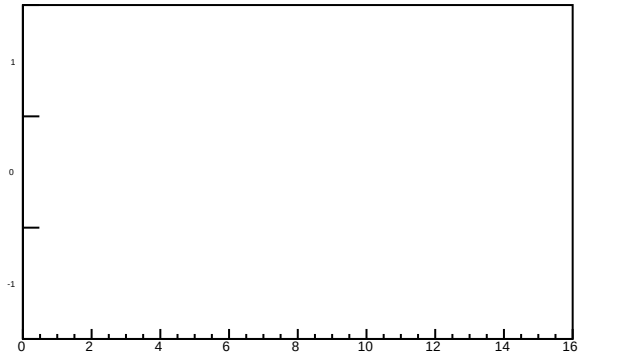

Entries 0


EM201 0-15 (ch3)
Entries 1.37145e+07
324 59 22 114896 67 7 347 22 5139 422 30 59 4
856832 857097 857124 742260 857089 857149 856809 857134 852017 856734 857126 857097 857152 857156 857156 857156
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

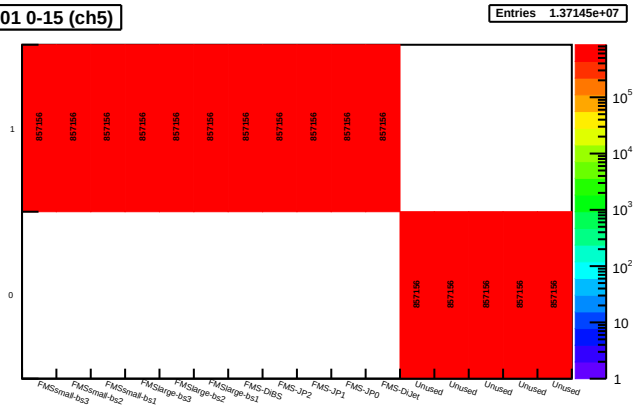

EM201 0-15 (ch3)
Entries 3274637
234 43 114852 66 9 583 274 5 59 4
14544 192 302 15 21 446661 853351 219096 576594 39527 148665 67 7 857156
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

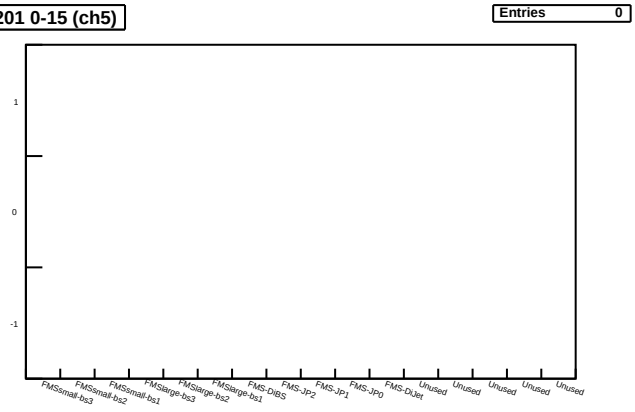




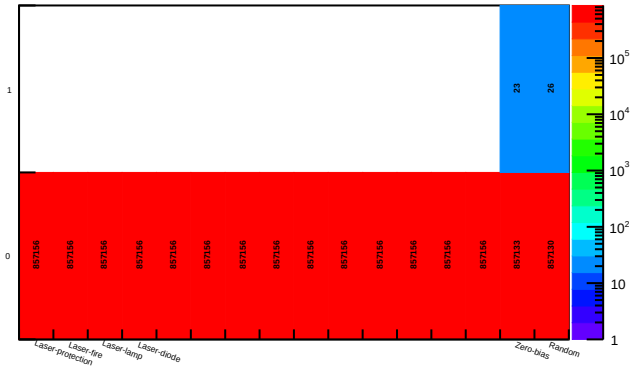
FP201 0-15 (ch5)

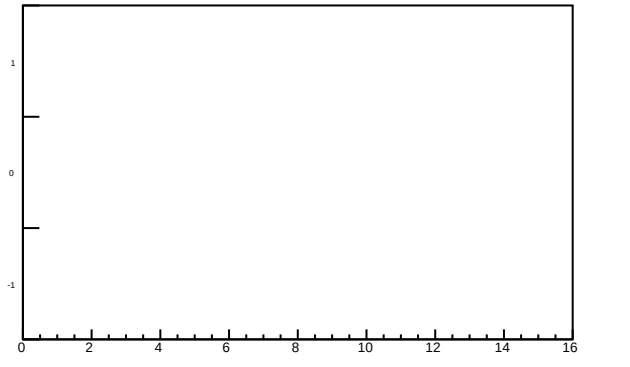
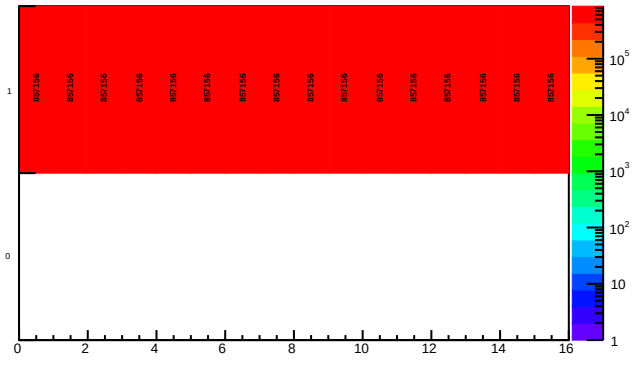
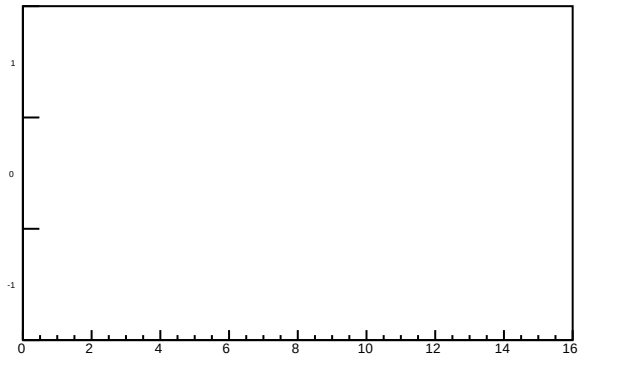


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)