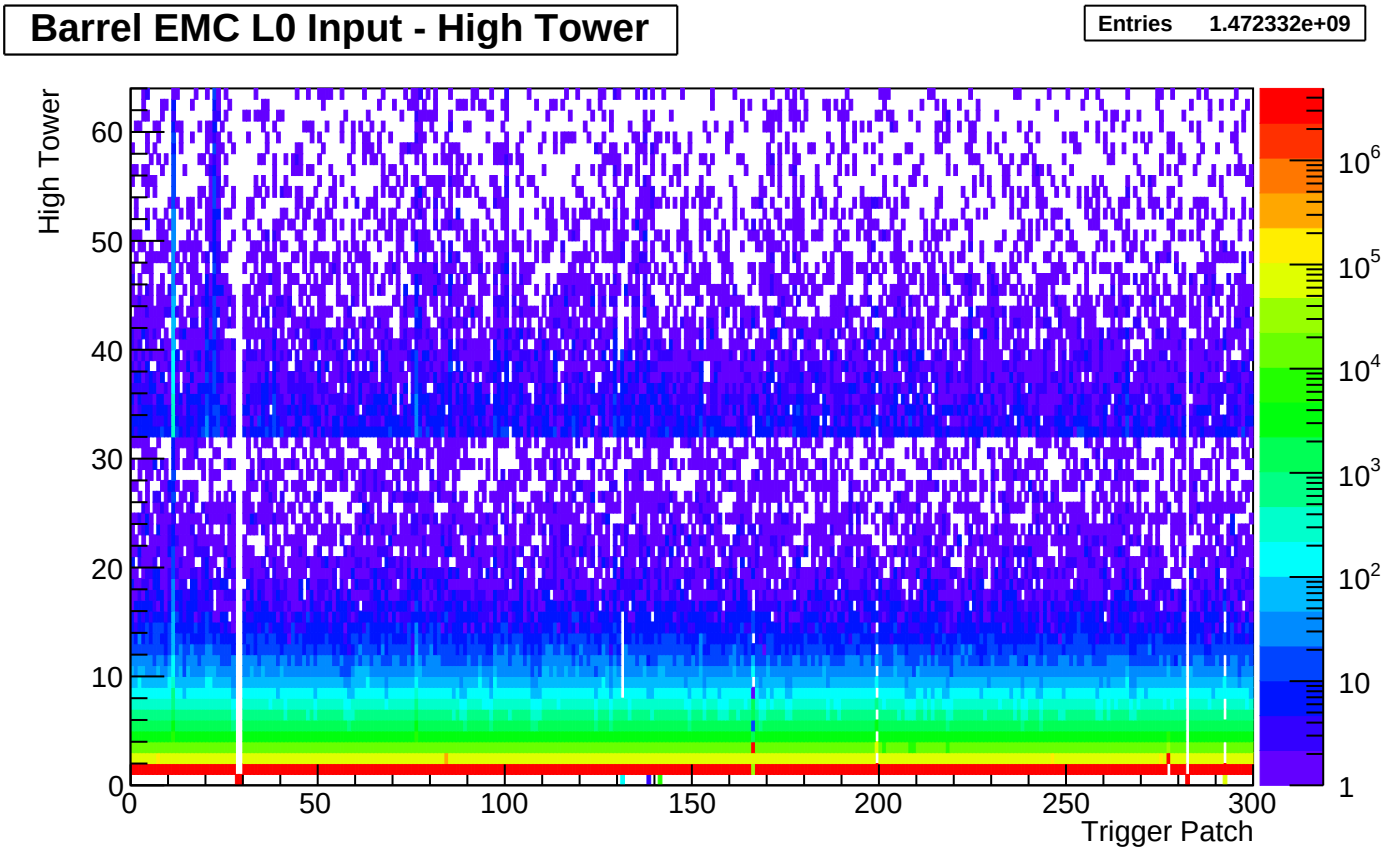
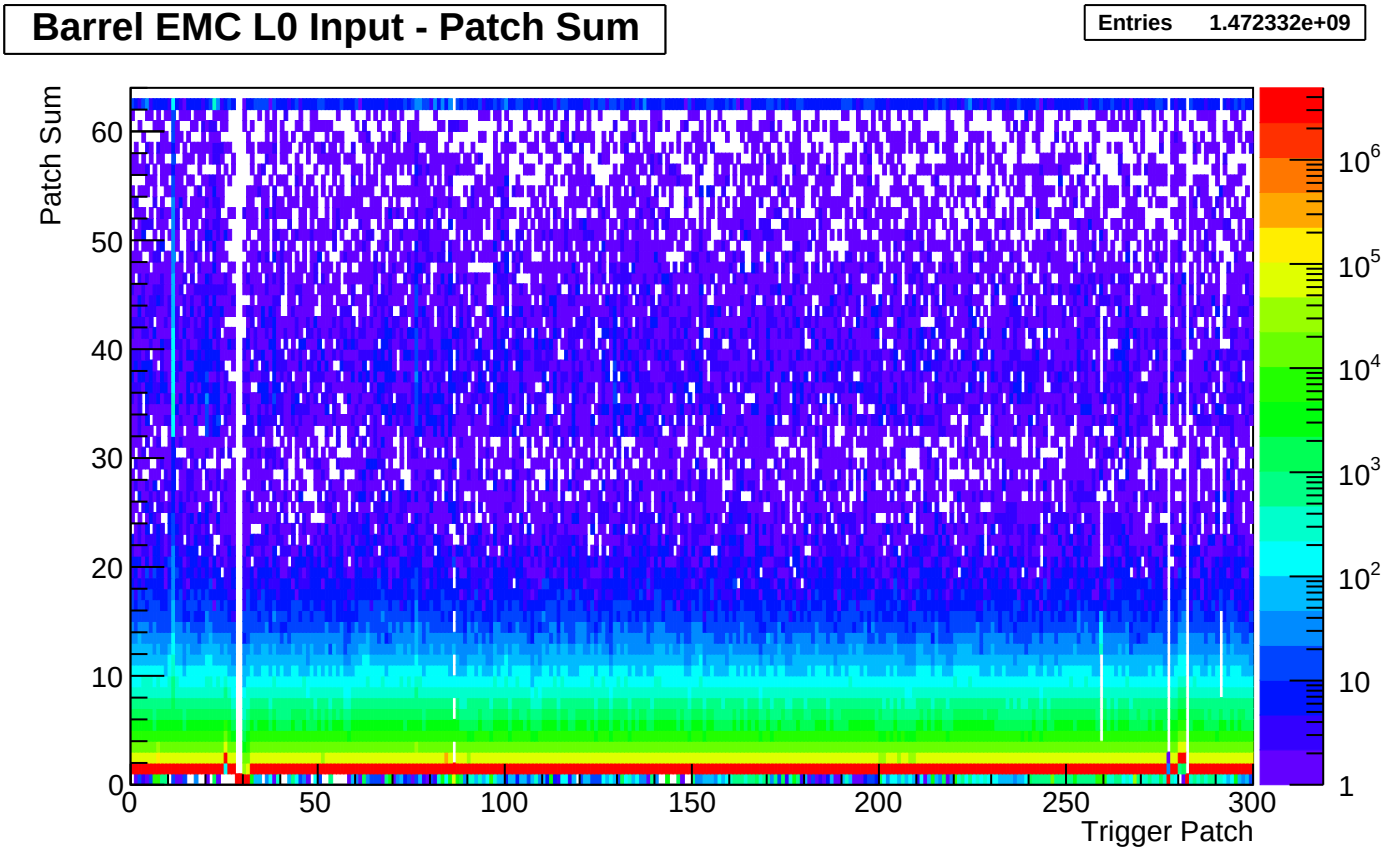
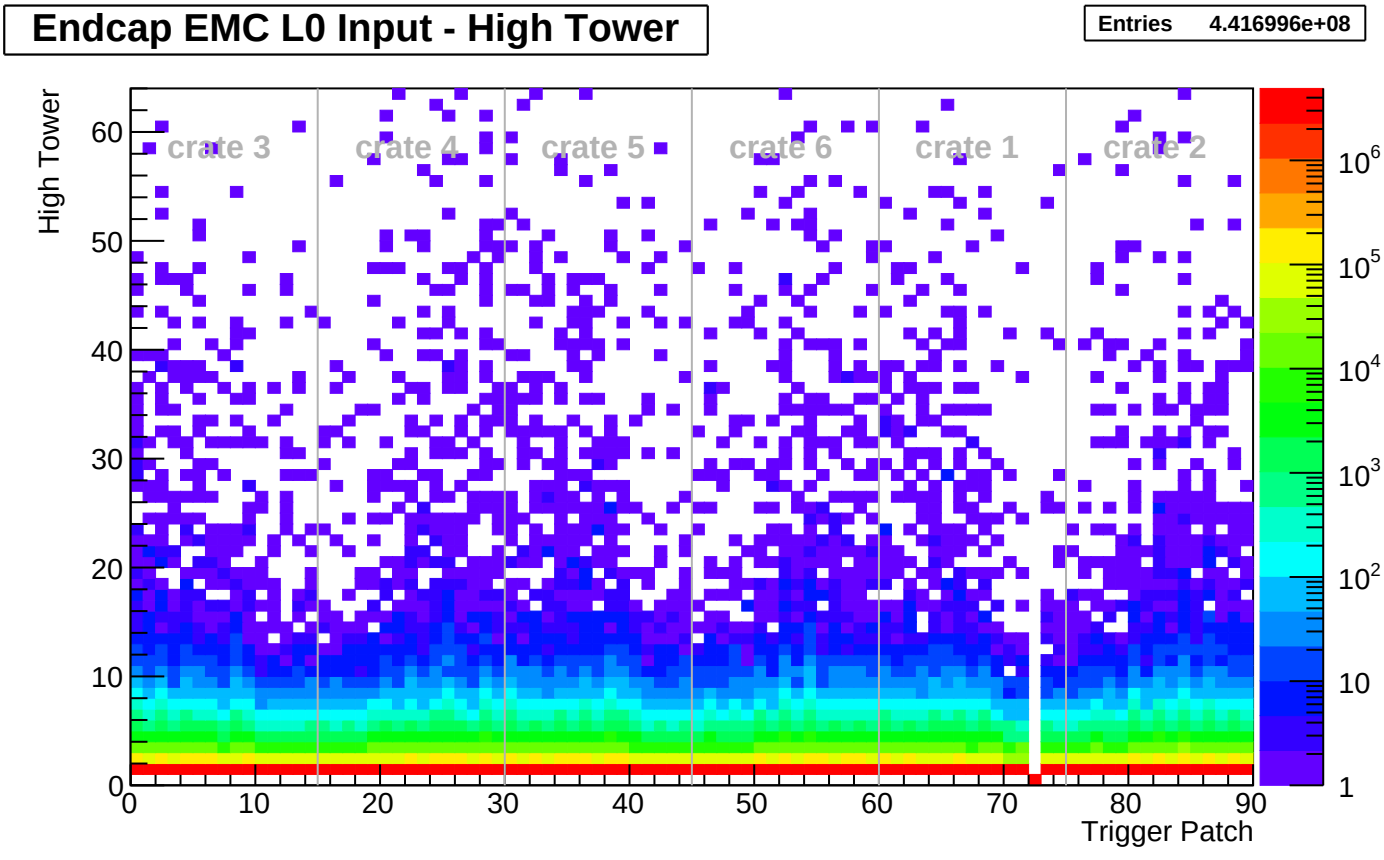
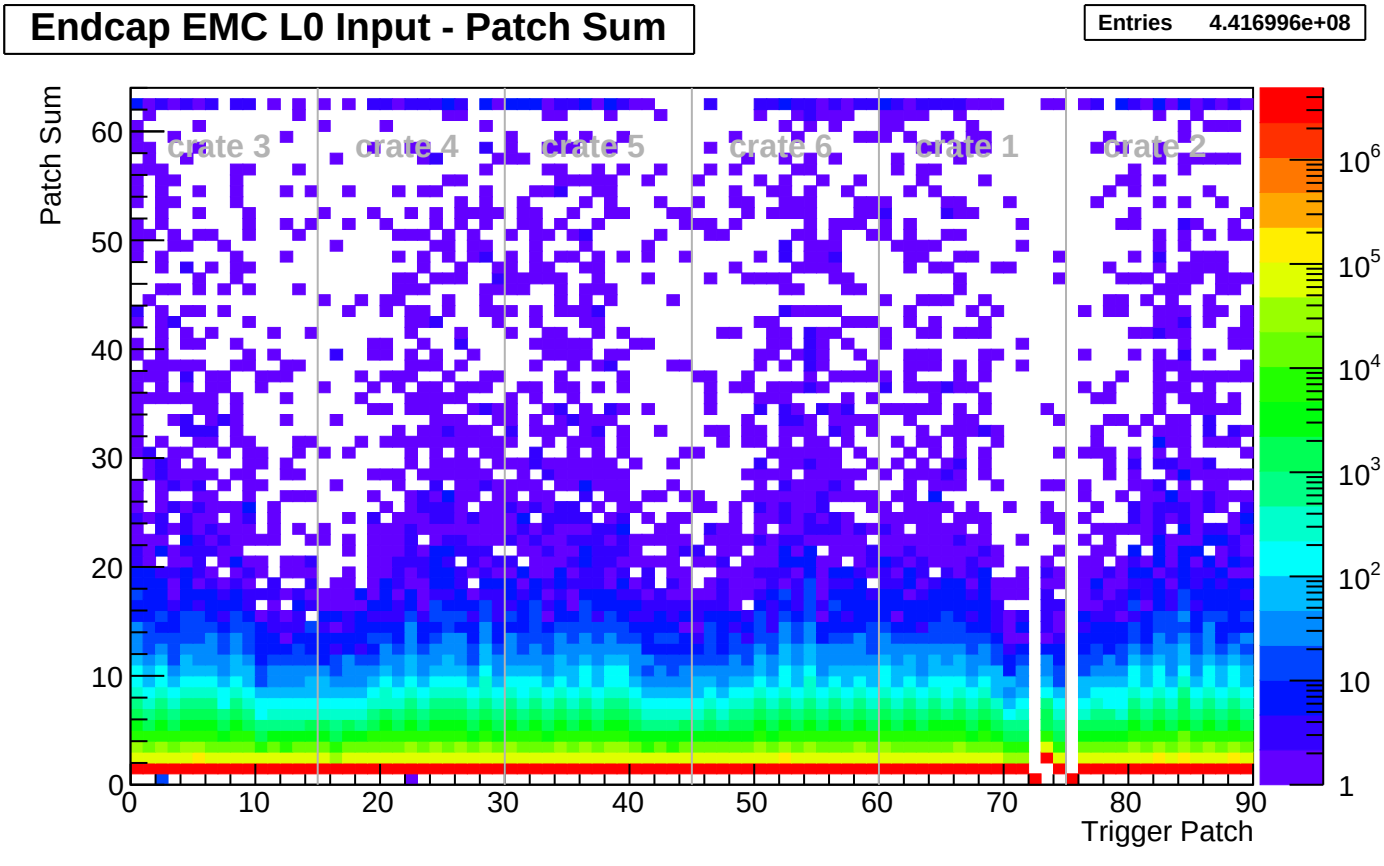
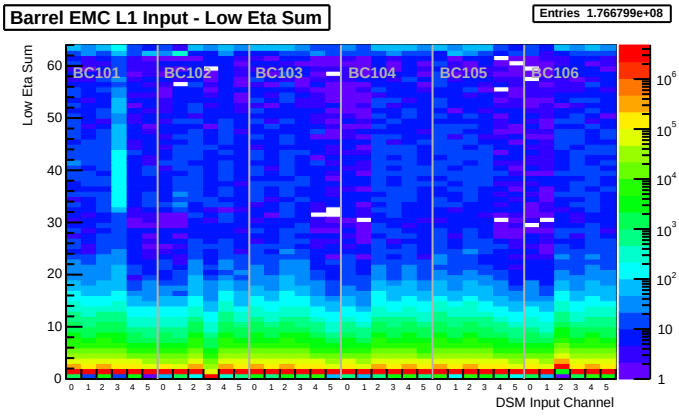
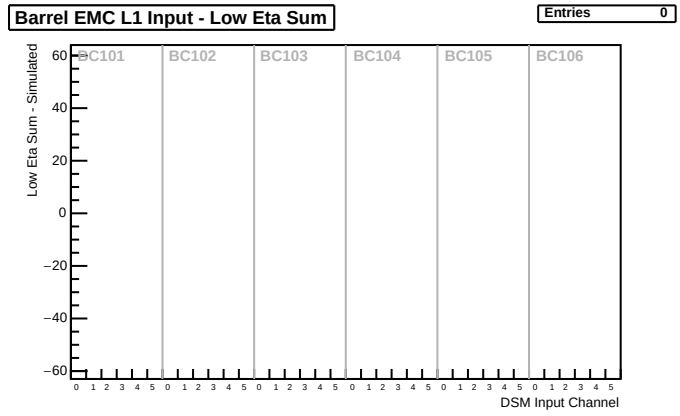

Barrel EMC L0 Input - High Tower
Entries 1.472332e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

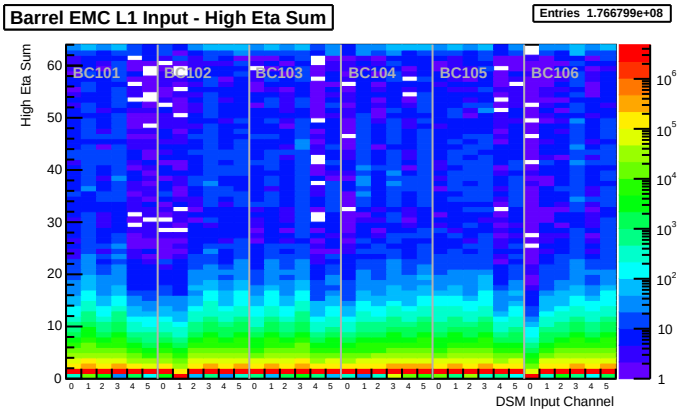

Barrel EMC L0 Input - Patch Sum
Entries 1.472332e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$
$10^6$

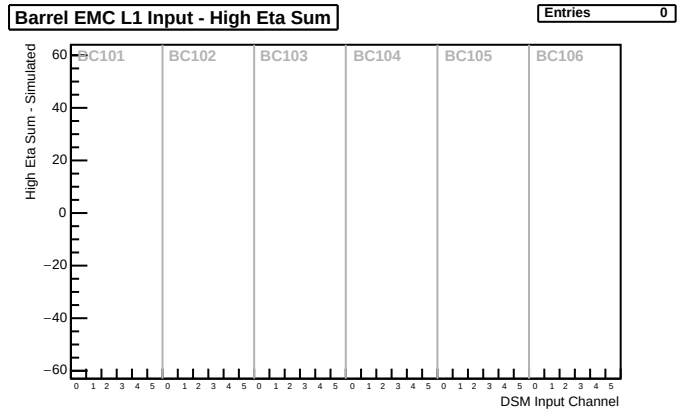

Endcap EMC L0 Input - High Tower
Entries 4.416996e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

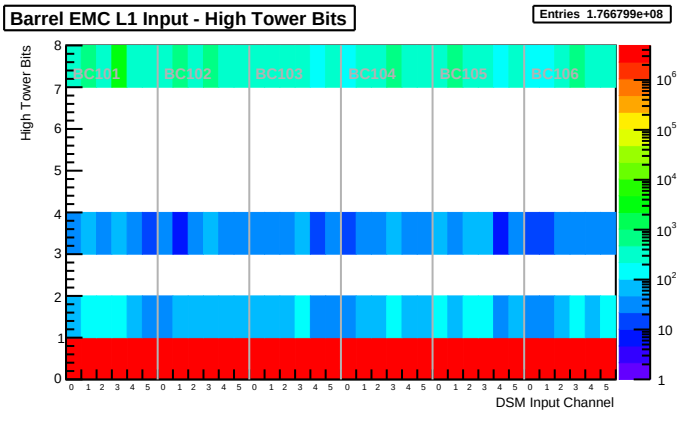

Endcap EMC L0 Input - Patch Sum
Entries 4.416996e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

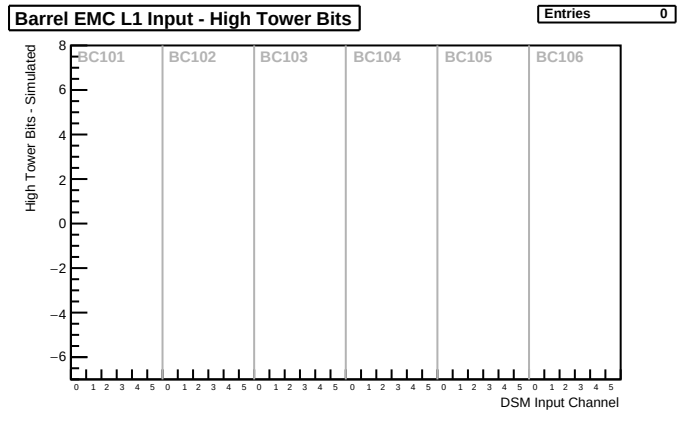

Barrel EMC L1 Input - Low Eta Sum
Entries 1.766799e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

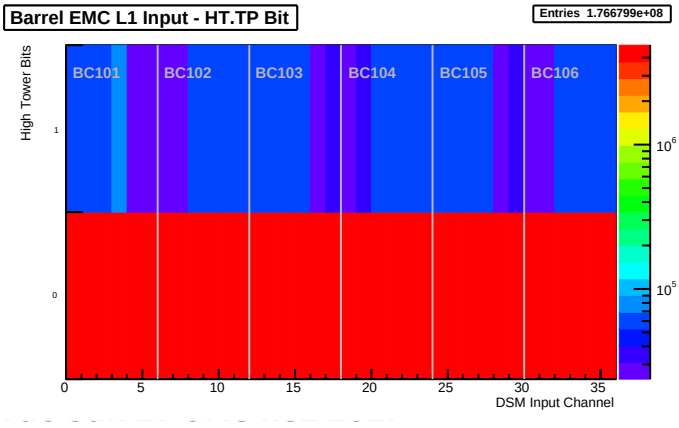

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

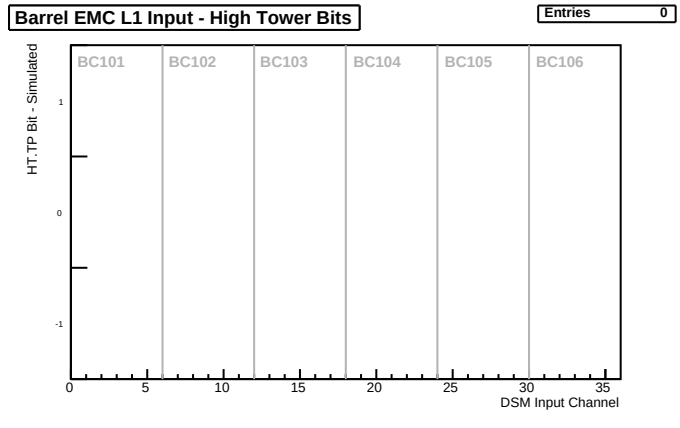

Barrel EMC L1 Input - High Eta Sum
Entries 1.766799e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

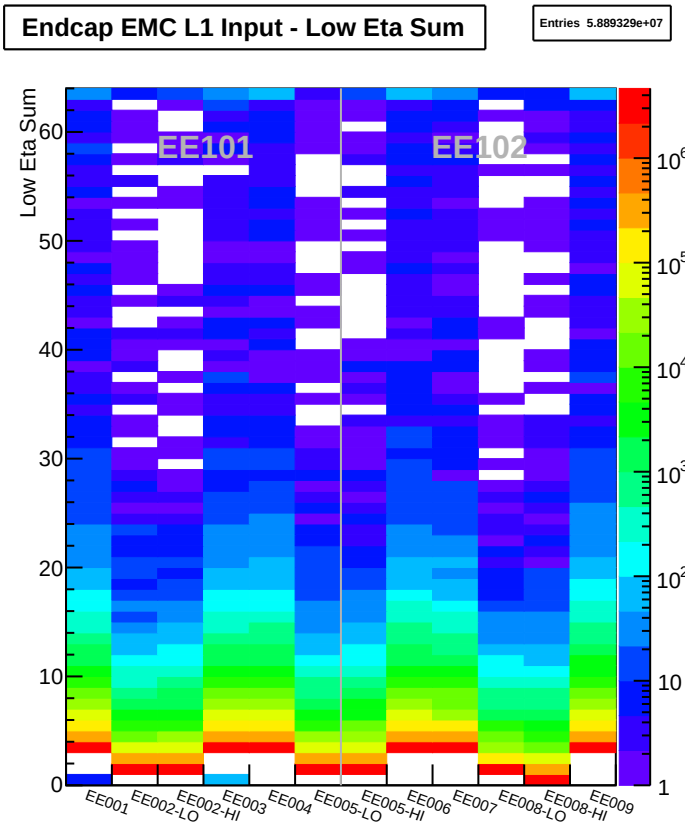

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

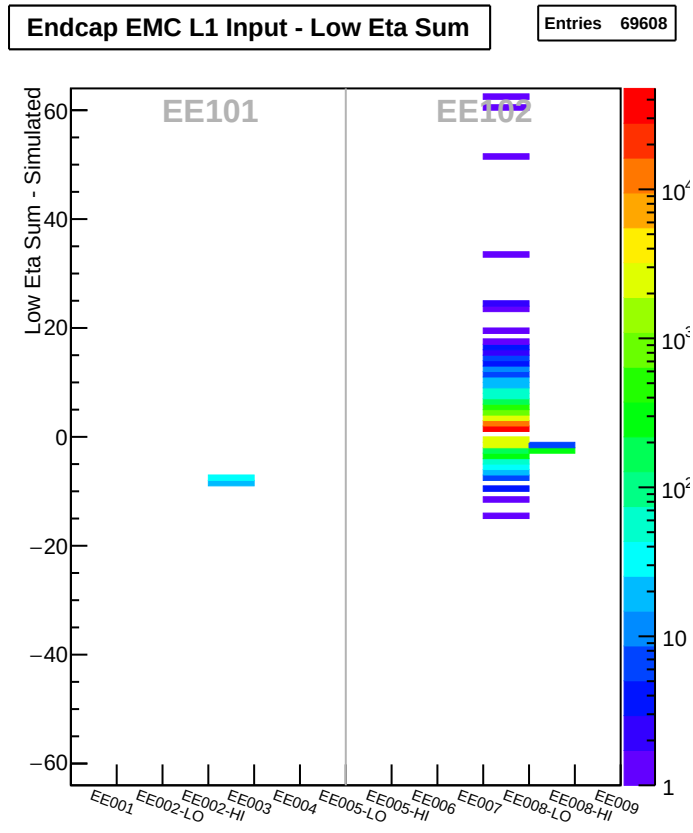

Barrel EMC L1 Input - High Tower Bits
Entries 1.766799e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

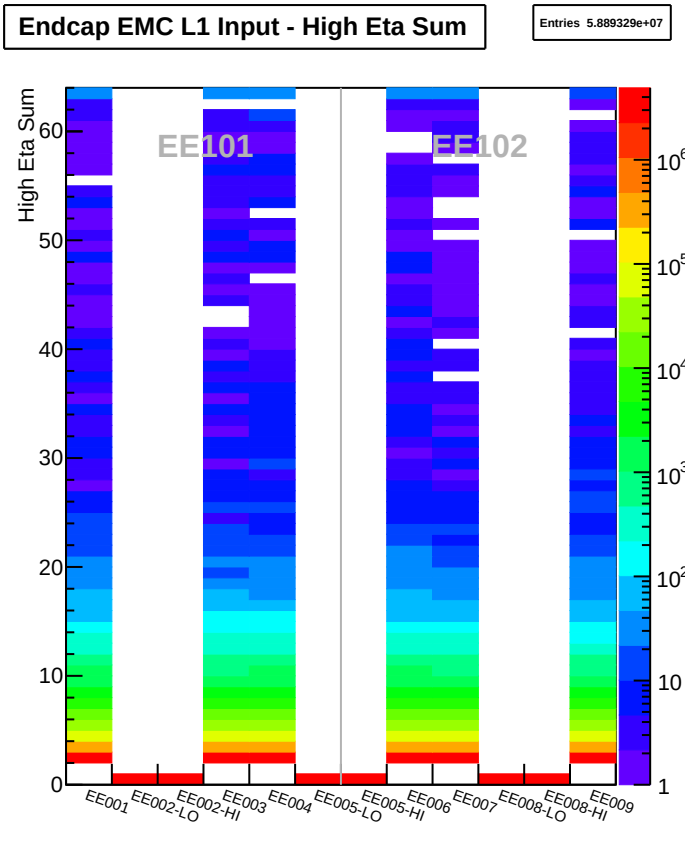

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

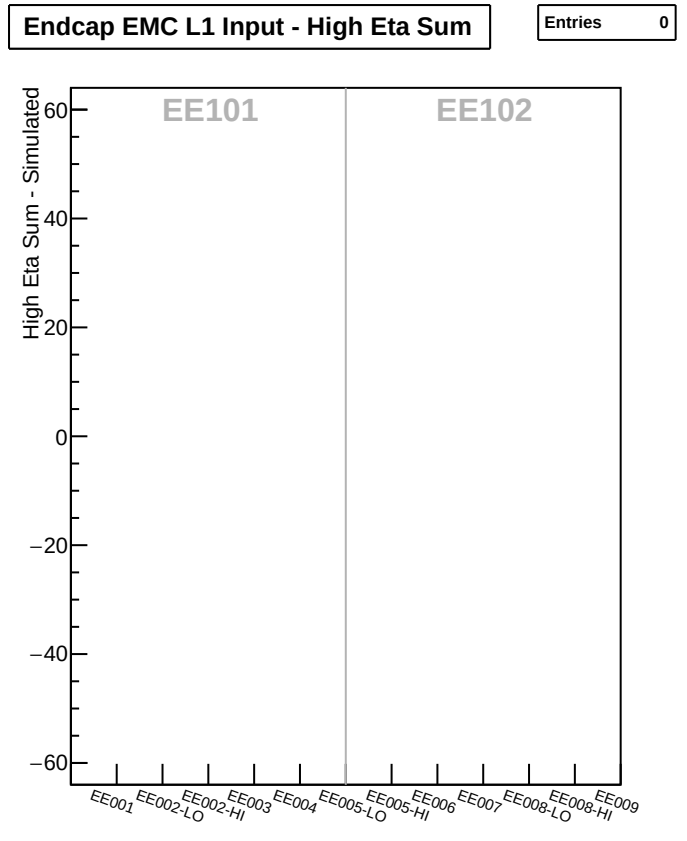

Barrel EMC L1 Input - HT.TP Bit
Entries 1.766799e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 0
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 5.889329e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

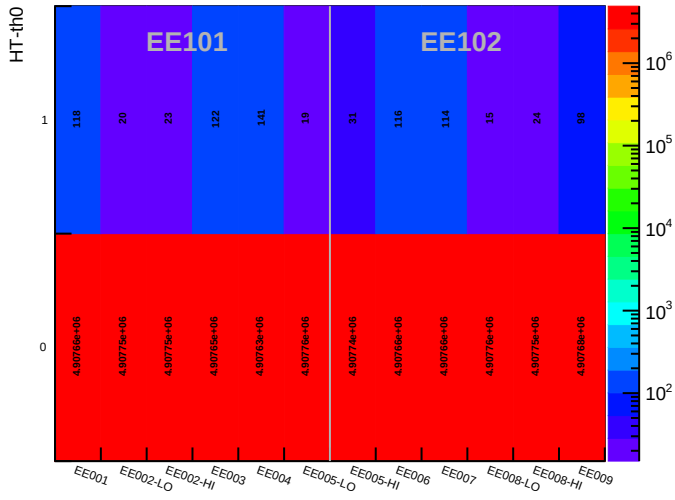

Endcap EMC L1 Input - Low Eta Sum
Entries 69608
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 5.889329e+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

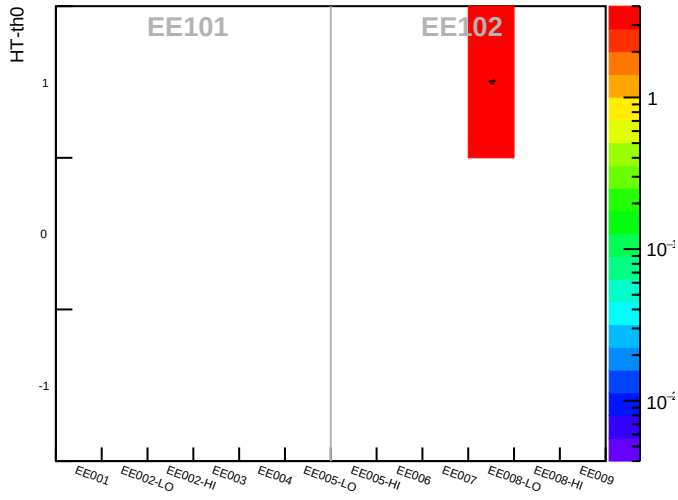
## Endcap EMC L1 Input - HT-th0

Entries 5.889329e+07



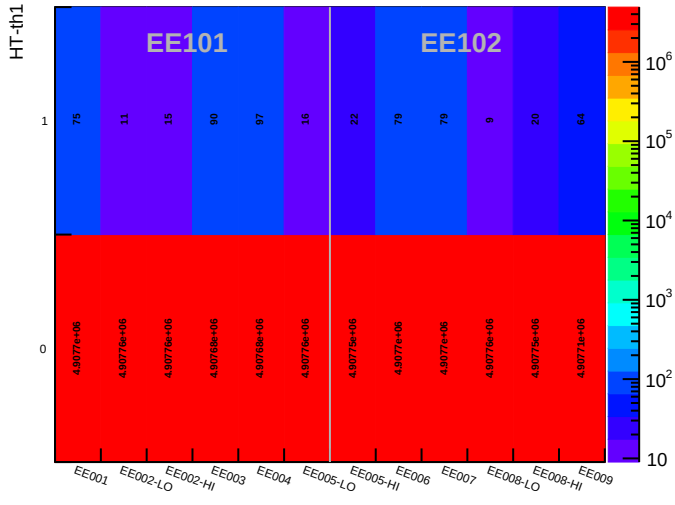

## Endcap EMC L1 Input - HT-th0 Diff

Entries 4



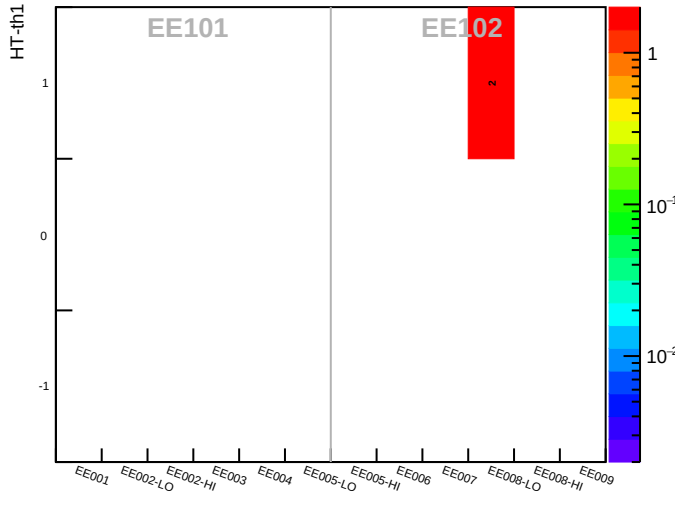

## Endcap EMC L1 Input - HT-th1

Entries 5.889329e+07



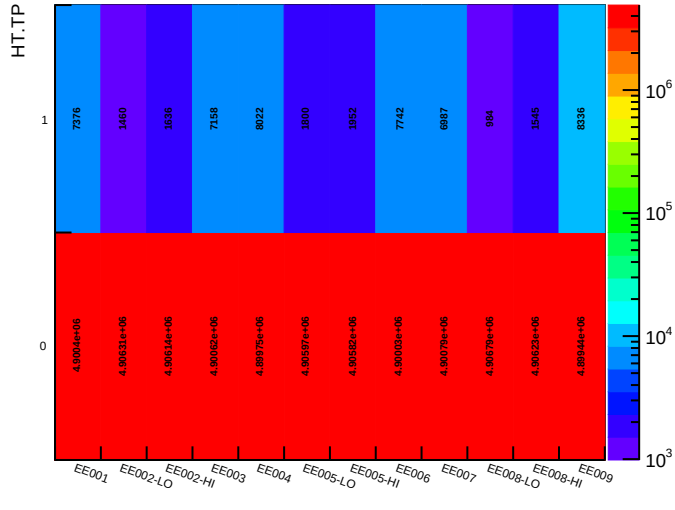

## Endcap EMC L1 Input - HT-th1 Diff

Entries 2



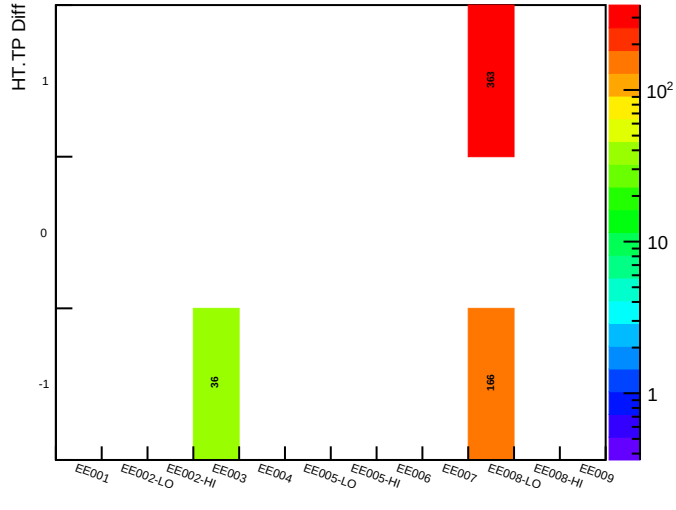

## Endcap EMC L1 Input - HT.TP

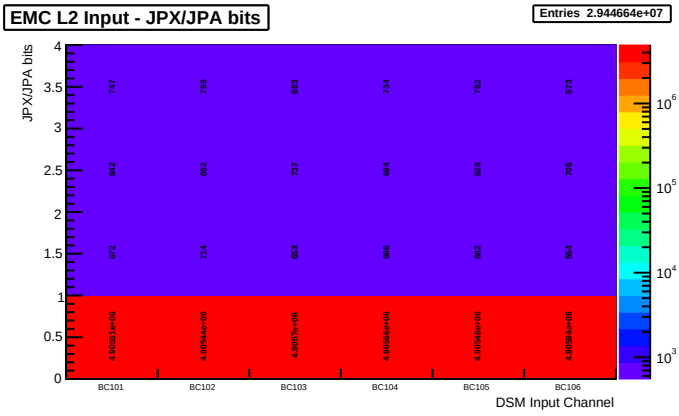
Entries 5.889329e+07

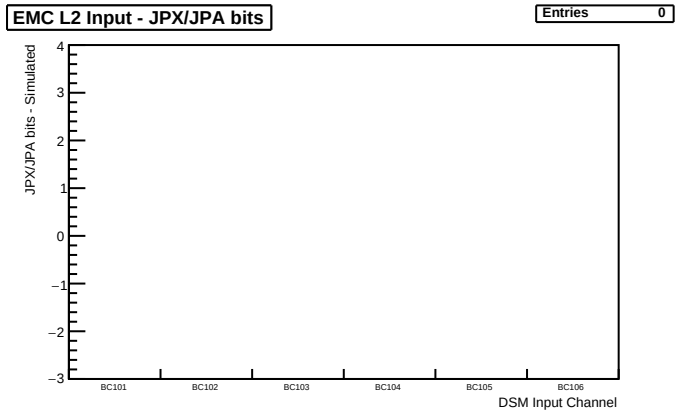


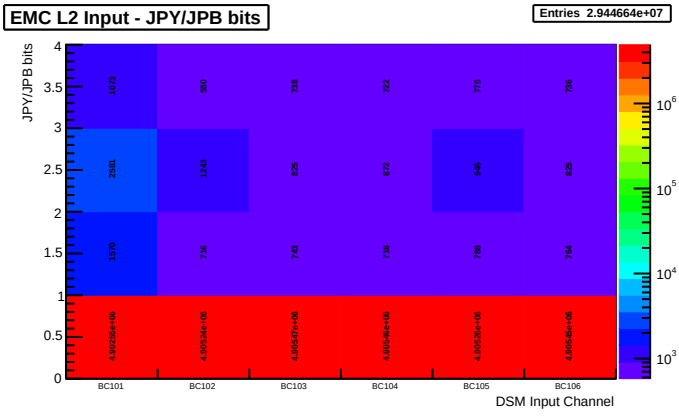

## Endcap EMC L1 Input - HT.TP Diff

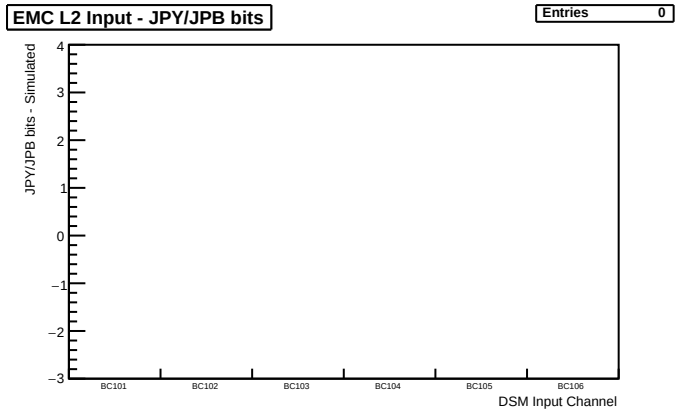
Entries 565

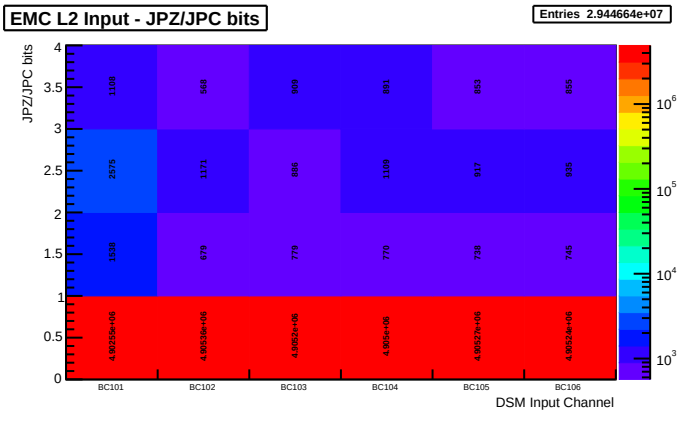


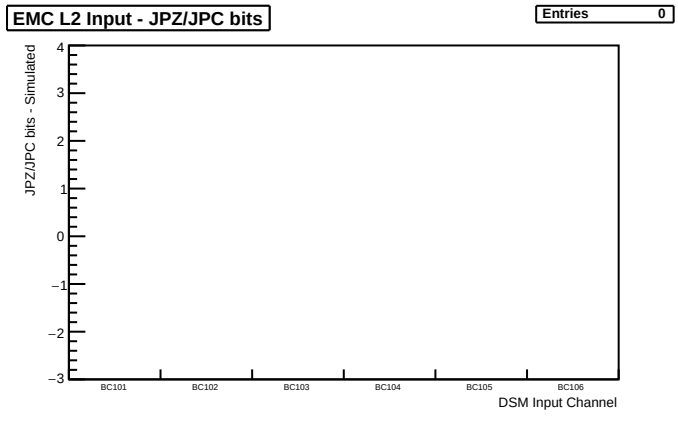

EMC L2 Input - JPX/JPA bits
Entries 2.944664e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

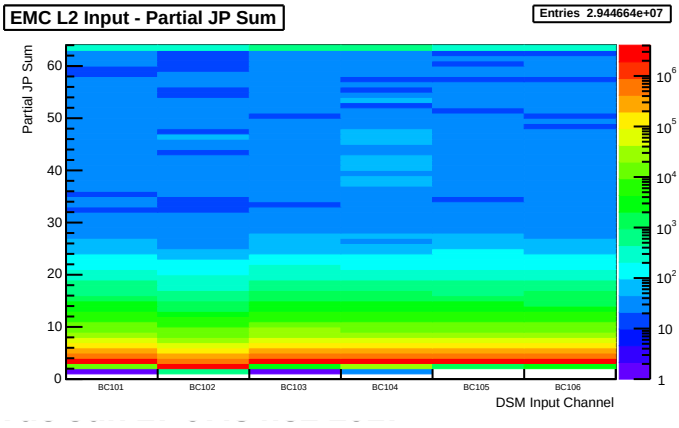

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

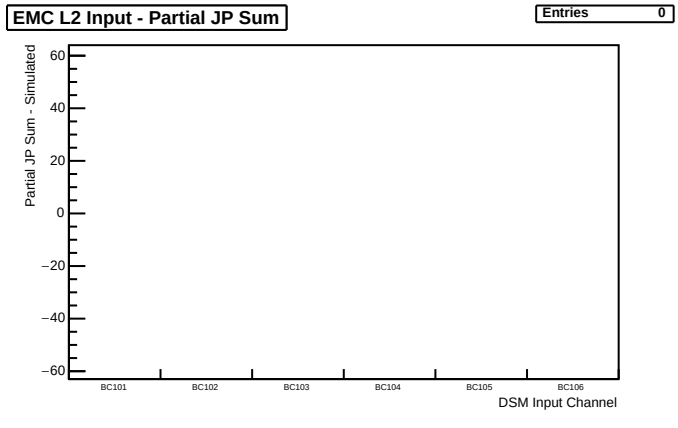

EMC L2 Input - JPY/JPB bits
Entries 2.944664e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

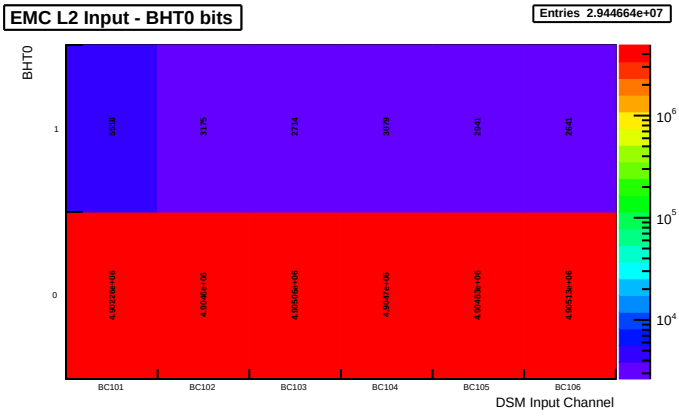

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

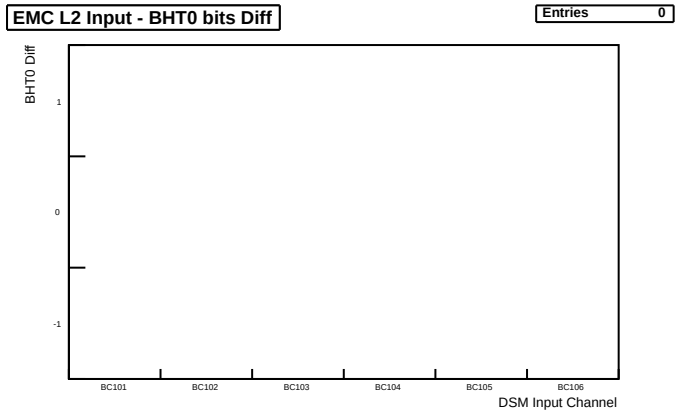

EMC L2 Input - JPZ/JPC bits
Entries 2.944664e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

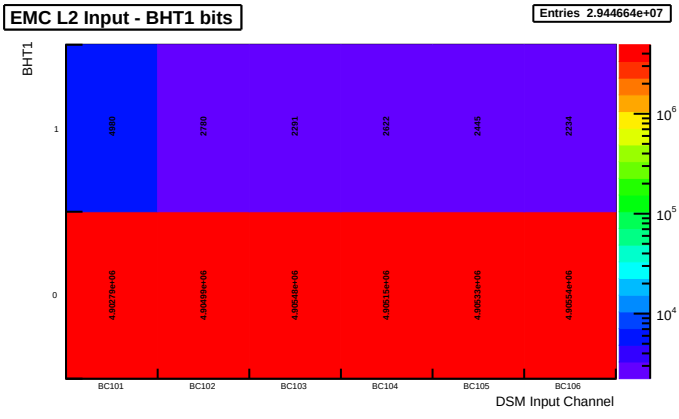

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

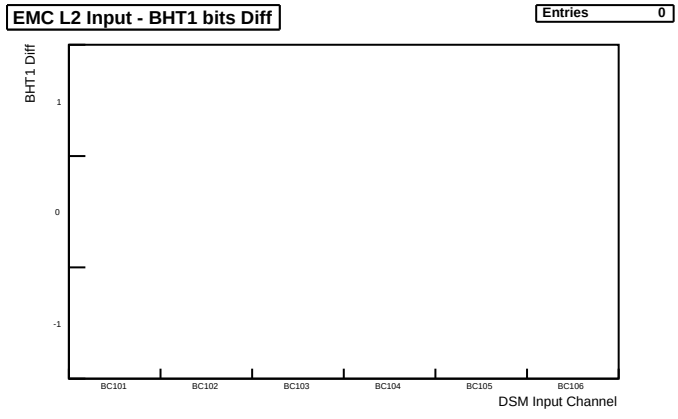

EMC L2 Input - Partial JP Sum
Entries 2.944664e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

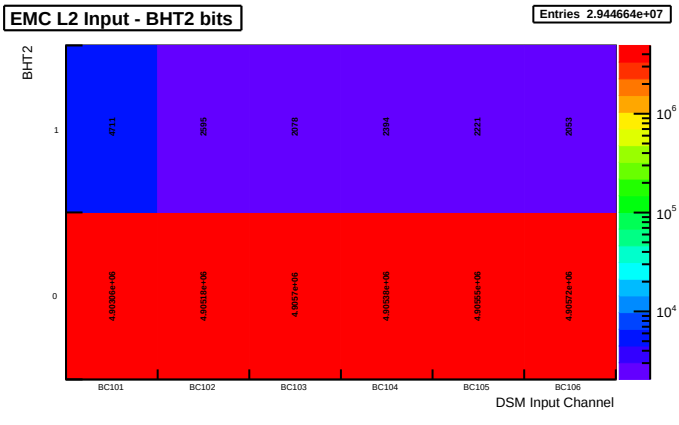

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

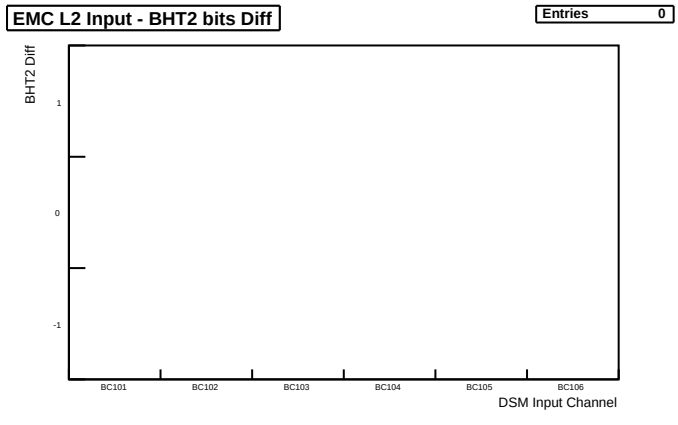

EMC L2 Input - BHT0 bits
Entries 2.944664e+07
BHT0
1
0
5518
3175
2714
3079
2941
2641
4.90229e+06
4.90486e+06
4.90509e+06
4.90407e+06
4.90483e+06
4.90513e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$
$10^4$

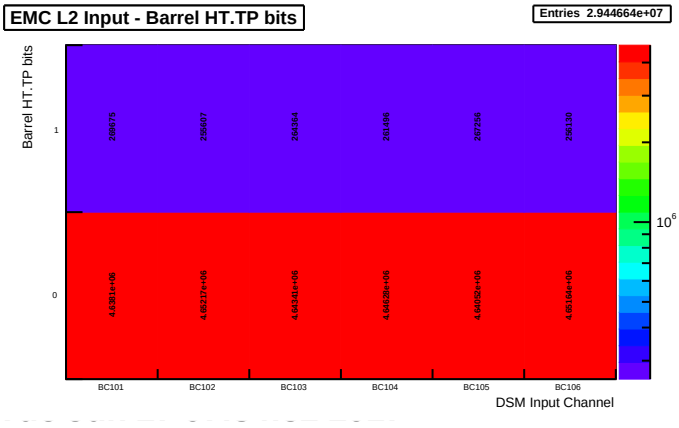

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

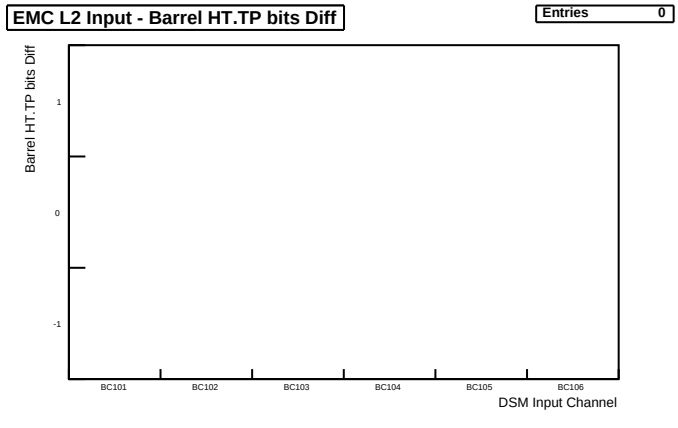

EMC L2 Input - BHT1 bits
Entries 2.944664e+07
BHT1
1
0
4980
2780
2291
2022
2445
2234
4.90279e+06
4.90499e+06
4.90549e+06
4.90515e+06
4.90533e+06
4.90554e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$
$10^4$

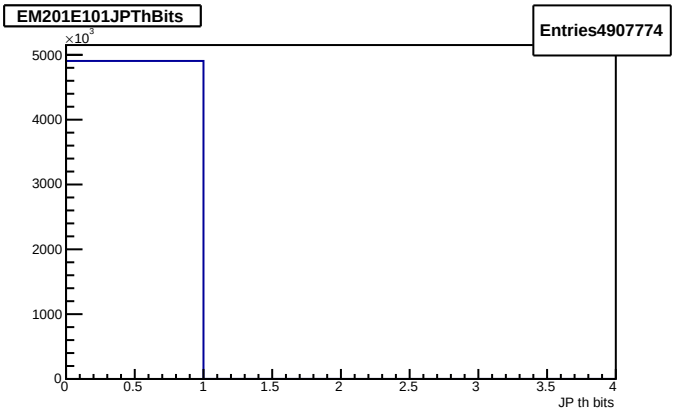

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

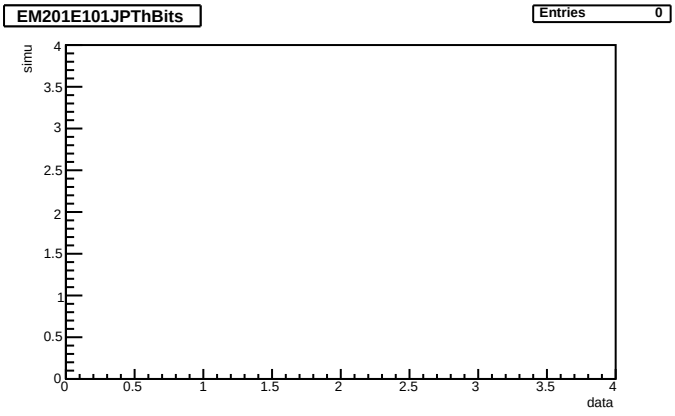

EMC L2 Input - BHT2 bits
Entries 2.944664e+07
BHT2
1
0
4211
2595
2078
2394
2221
2653
4.90306e+06
4.90518e+06
4.9057e+06
4.90538e+06
4.90554e+06
4.90572e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$
$10^5$
$10^4$

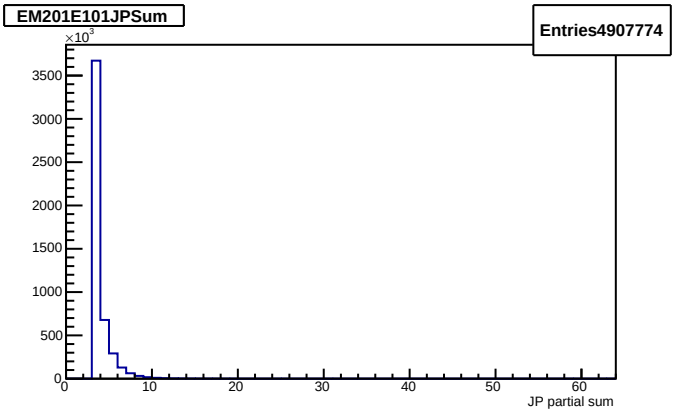

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

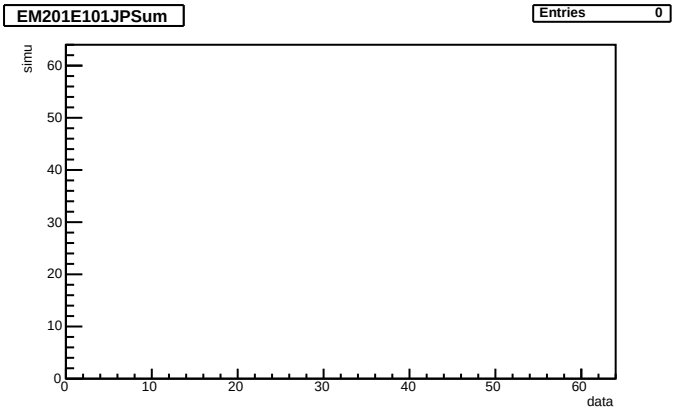

EMC L2 Input - Barrel HT.TP bits
Entries 2.944664e+07
Barrel HT.TP bits
1
0
268675
255607
264354
203486
267256
256130
4.63818e+06
4.63237e+06
4.64341e+06
4.64628e+06
4.64052e+06
4.63164e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^6$

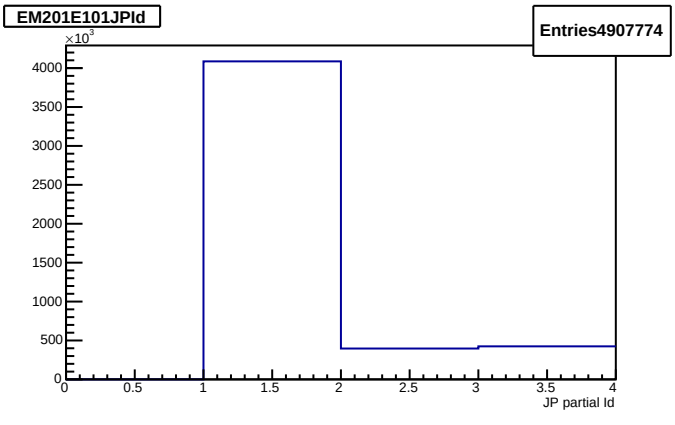

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

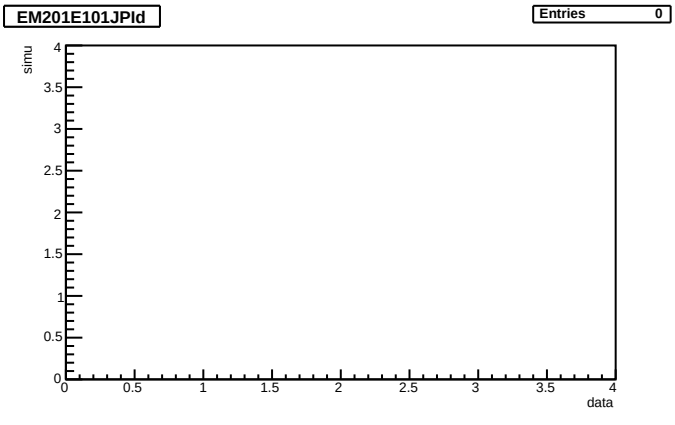

EM201E101JPThBits
Entries4907774
×10^3
JP th bits

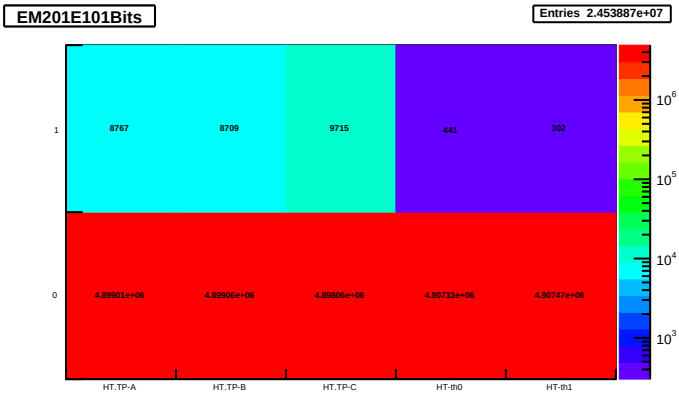

EM201E101JPThBits
Entries 0
simu
data

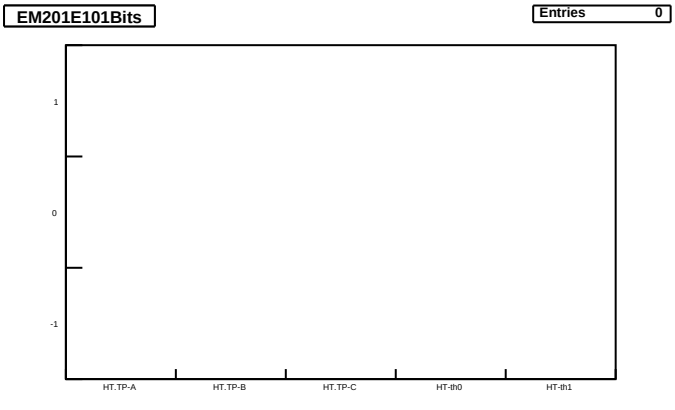

EM201E101JPSum
Entries4907774
×10^3
JP partial sum

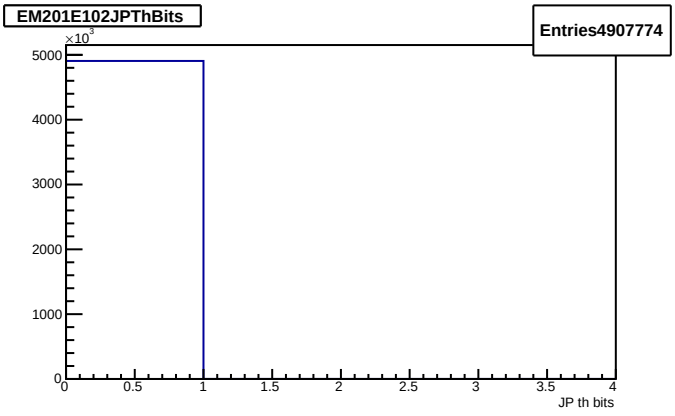

EM201E101JPSum
Entries 0
simu
data

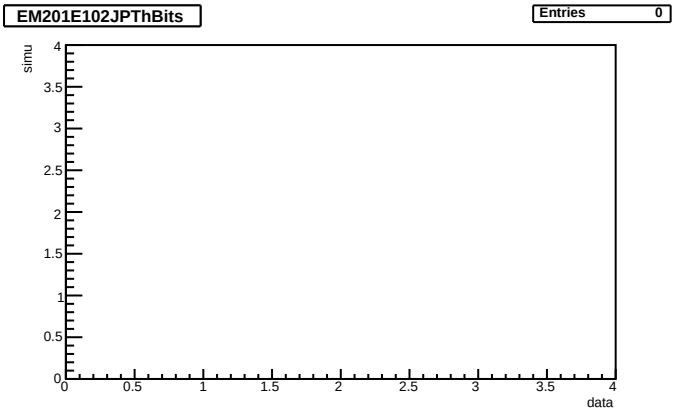

EM201E101JPId
Entries4907774
×10^3
JP partial Id

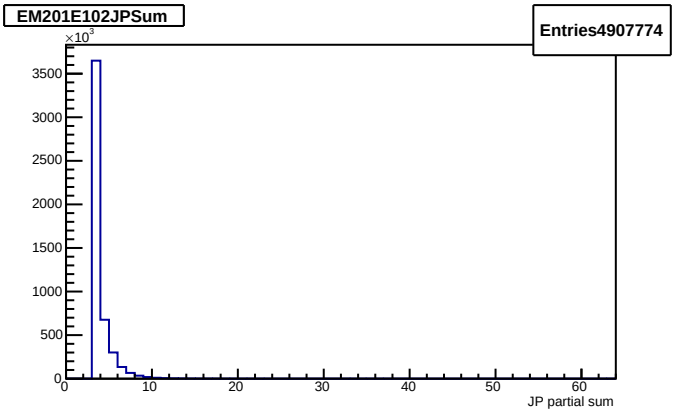

EM201E101JPId
Entries 0
simu
data

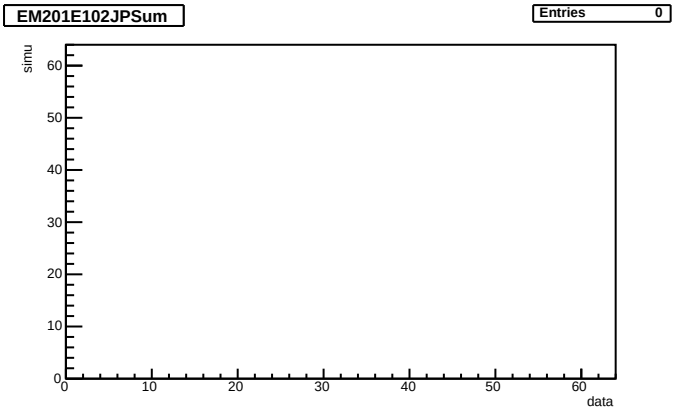

EM201E101Bits
Entries 2.453887e+07
8767
8709
9715
441
302
4.89901e+06
4.89906e+06
4.89806e+06
4.90733e+06
4.90747e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

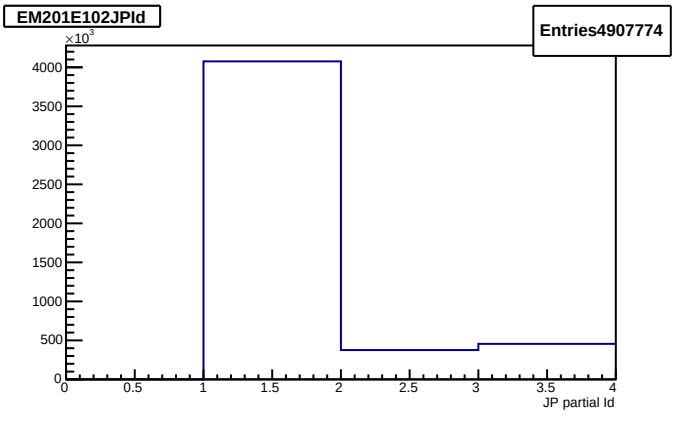

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

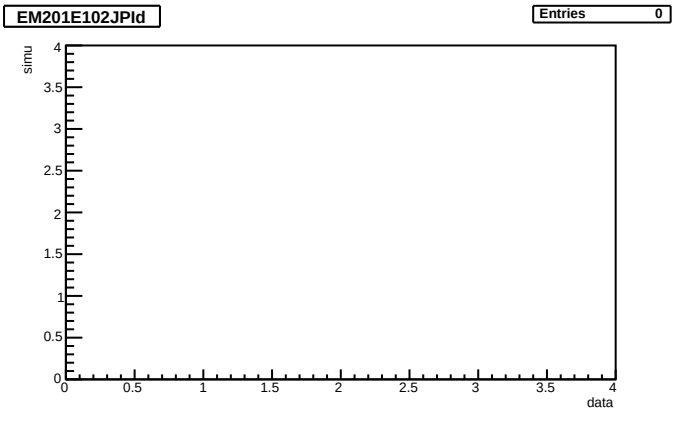

EM201E102JPThBits
Entries4907774
×10^3
JP th bits

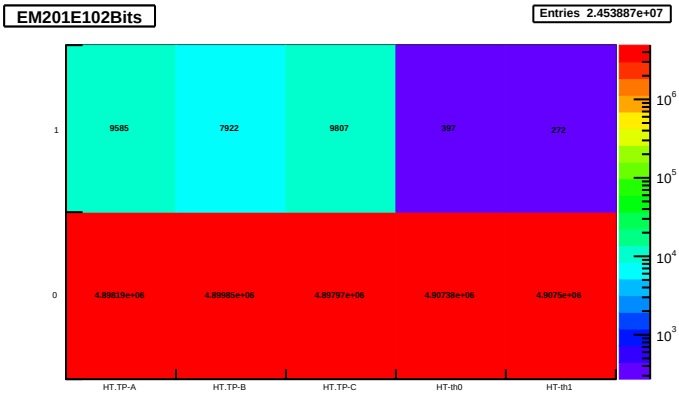

EM201E102JPThBits
Entries 0
simu
data

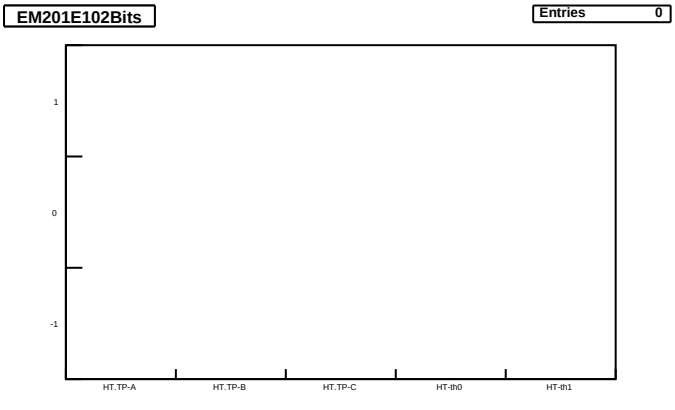

EM201E102JPSum
Entries4907774
×10^3
JP partial sum

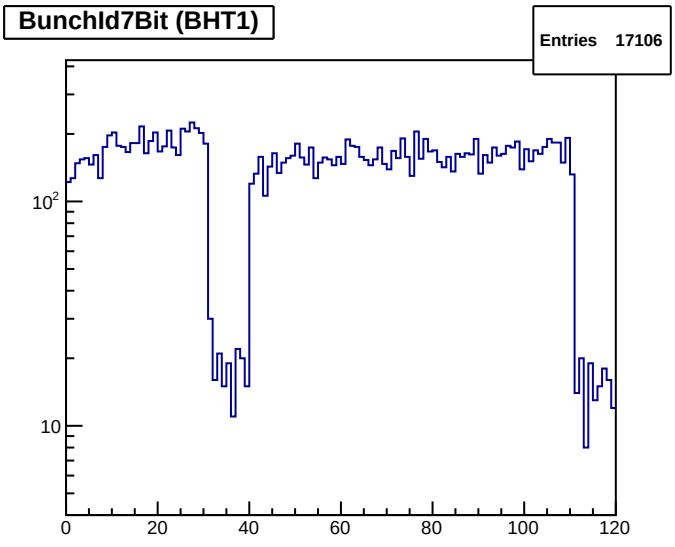

EM201E102JPSum
Entries 0
simu
data

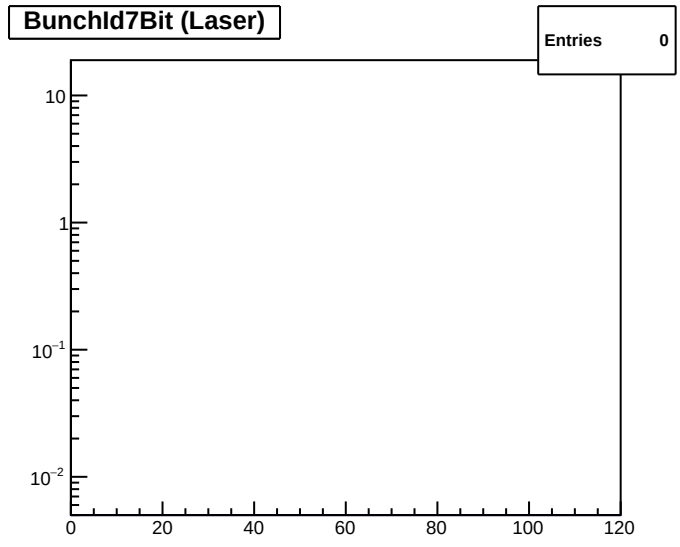

EM201E102JPId
Entries4907774
×10^3
JP partial Id

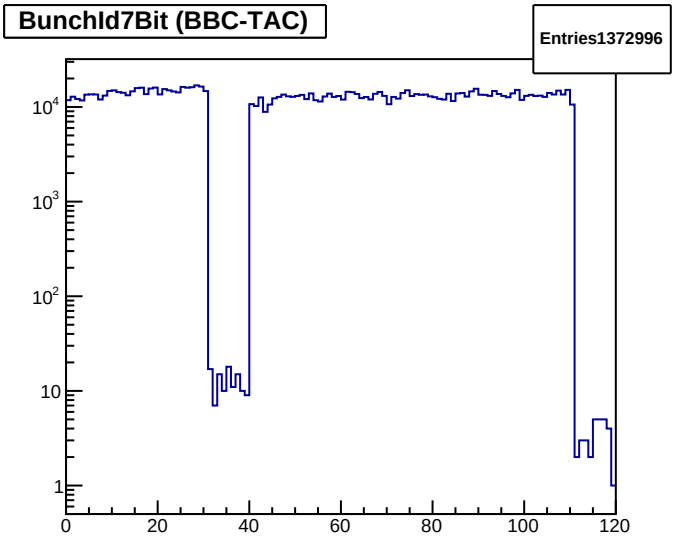

EM201E102JPId
Entries 0
simu
data

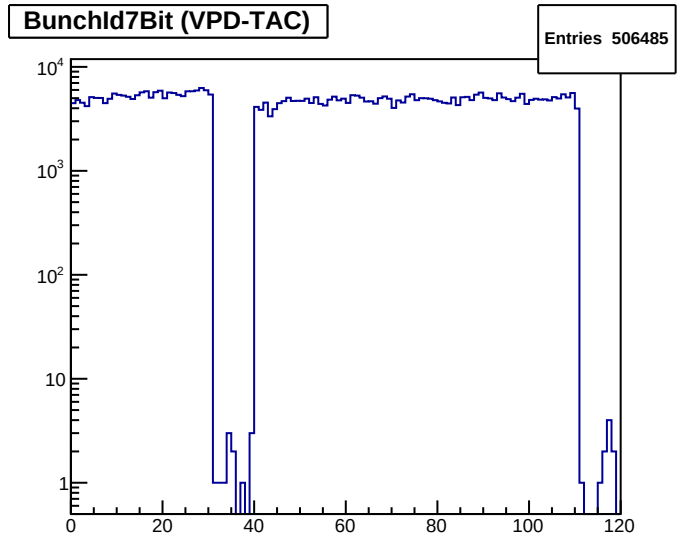

EM201E102Bits
Entries 2.453887e+07
9585
7922
9807
397
272
4.89819e+06
4.89985e+06
4.89797e+06
4.90738e+06
4.9075e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

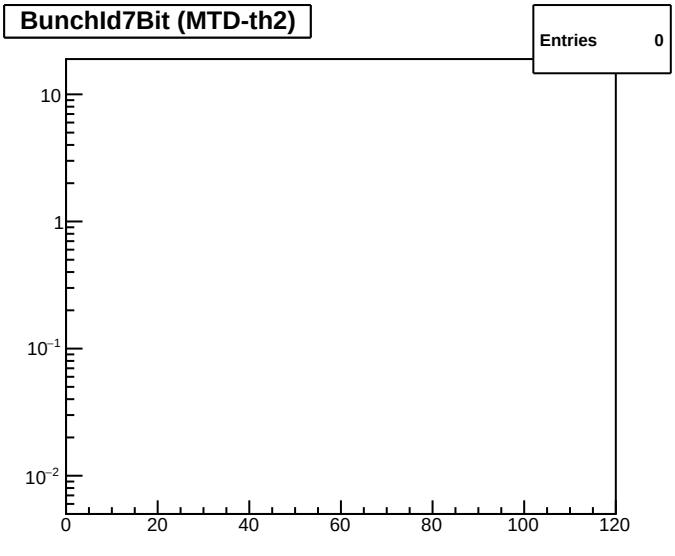

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

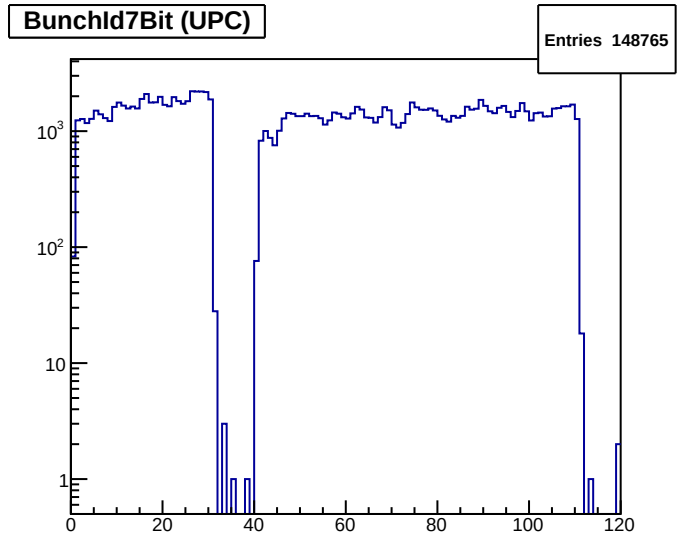

BunchId7Bit (BHT1)
Entries 17106

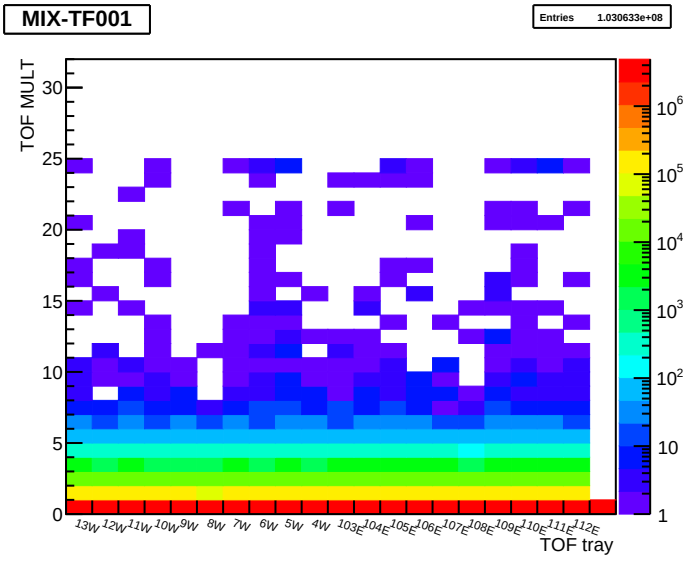

BunchId7Bit (Laser)
Entries 0

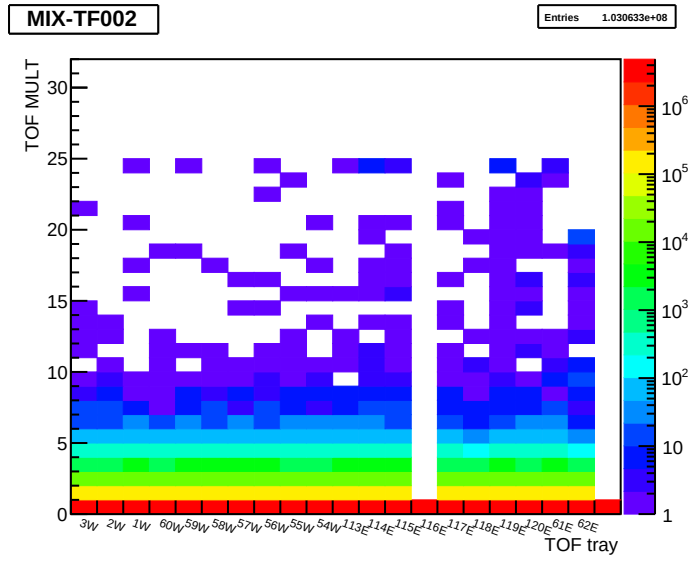

BunchId7Bit (BBC-TAC)
Entries1372996

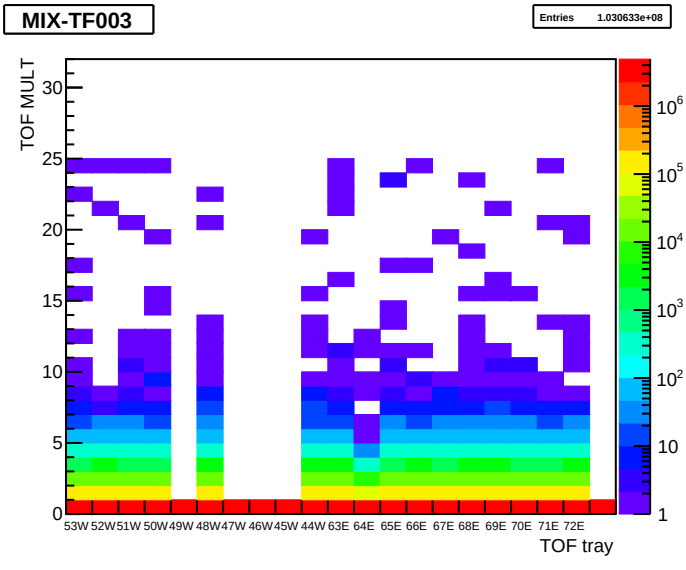

BunchId7Bit (VPD-TAC)
Entries 506485

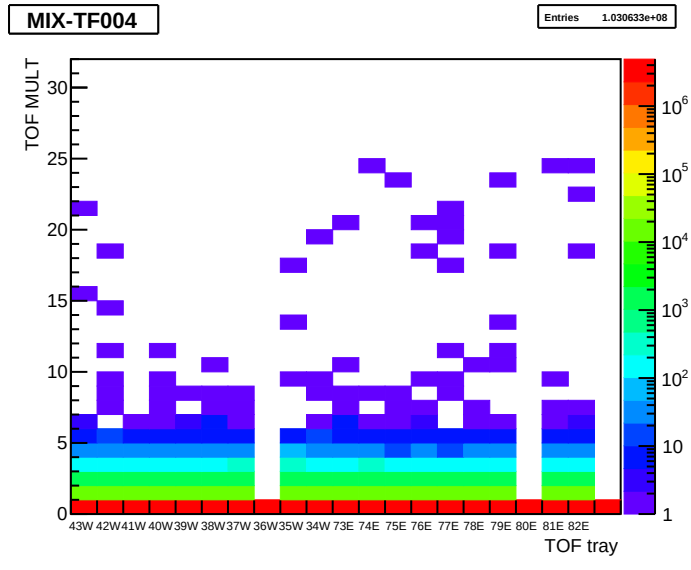

BunchId7Bit (MTD-th2)
Entries 0

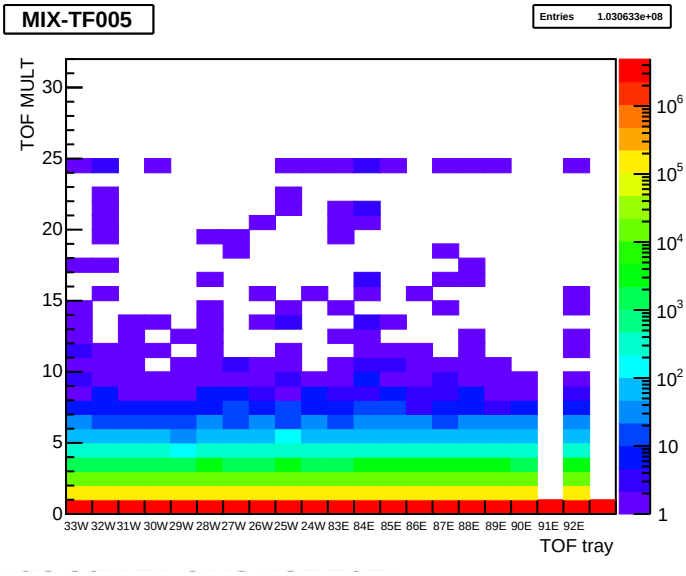

BunchId7Bit (UPC)
Entries 148765

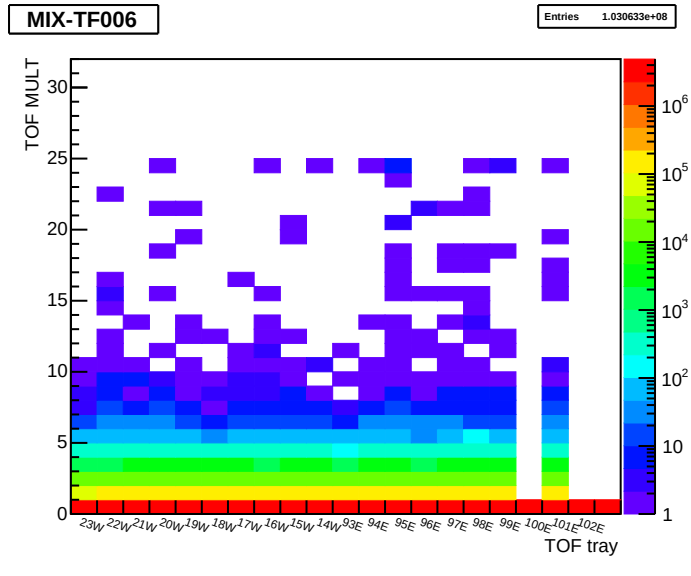

MIX-TF001
Entries 1.030633e+08
TOF MULT
TOF tray

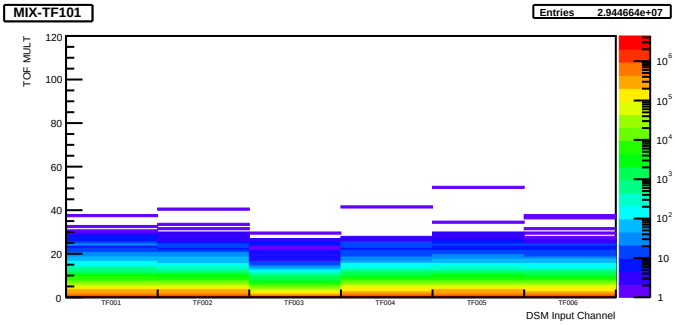

MIX-TF002
Entries 1.030633e+08
TOF MULT
TOF tray

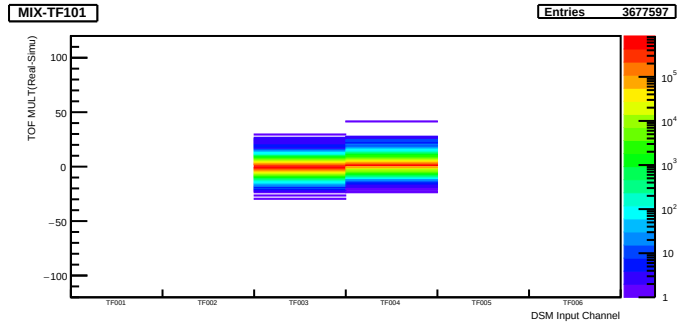

MIX-TF003
Entries 1.030633e+08
TOF MULT
TOF tray

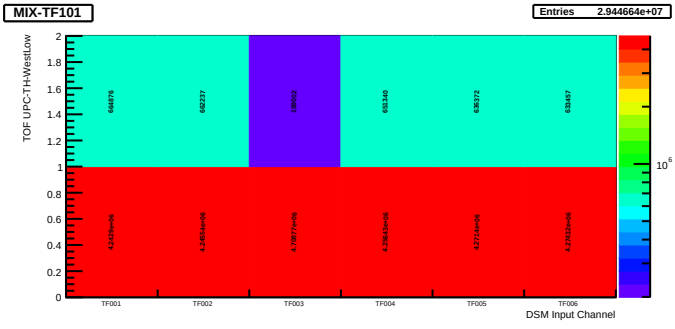

MIX-TF004
Entries 1.030633e+08
TOF MULT
TOF tray

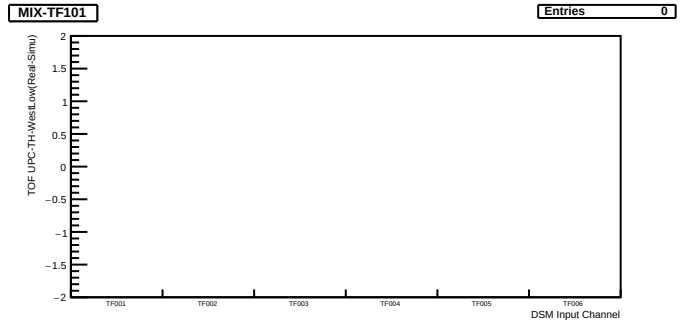

MIX-TF005
Entries 1.030633e+08
TOF MULT
TOF tray

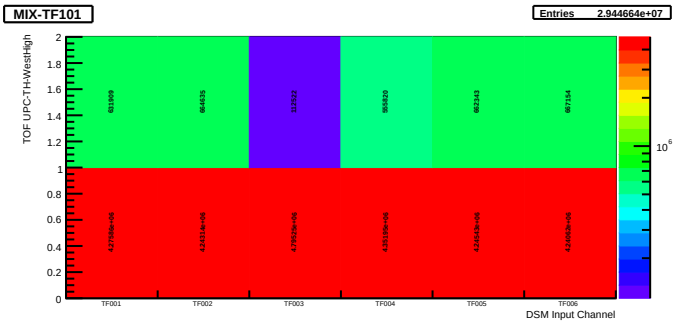

MIX-TF006
Entries 1.030633e+08
TOF MULT
TOF tray

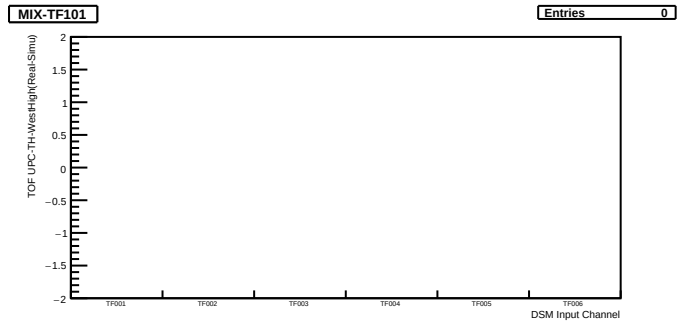

MIX-TF101
Entries 2.944664e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

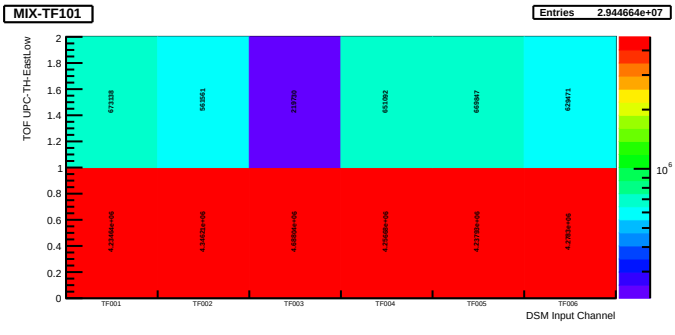

MIX-TF101
Entries 3677597
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

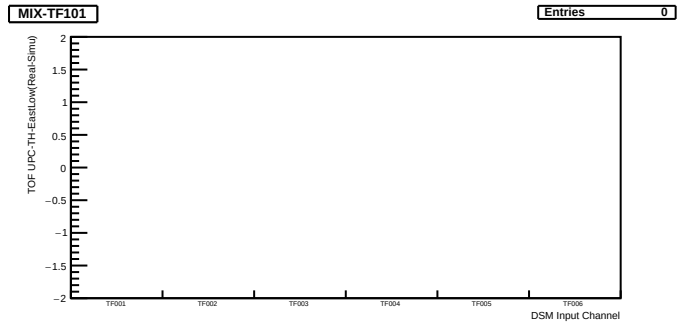

MIX-TF101
Entries 2.944664e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

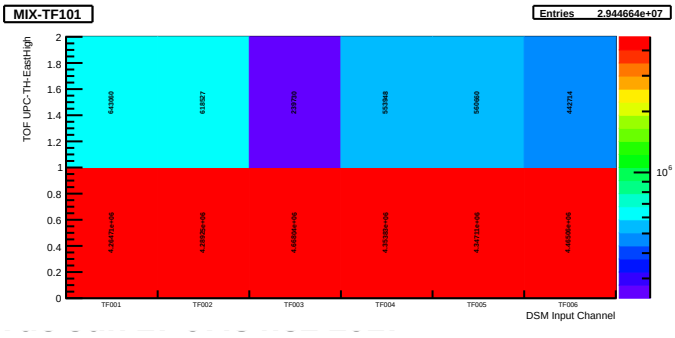

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

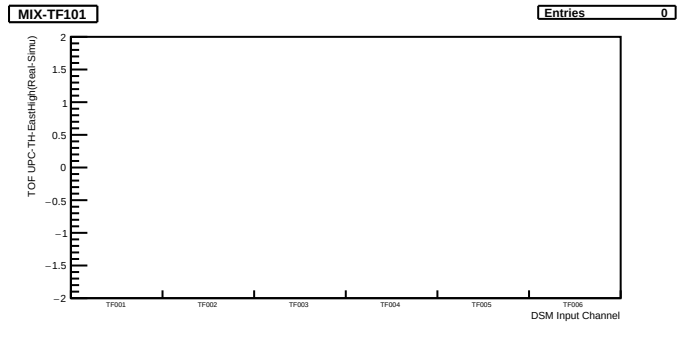

MIX-TF101
Entries 2.944664e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

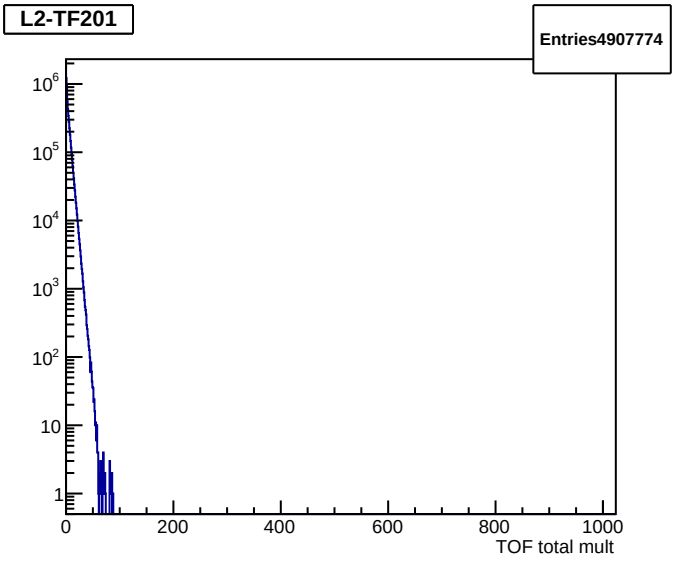

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

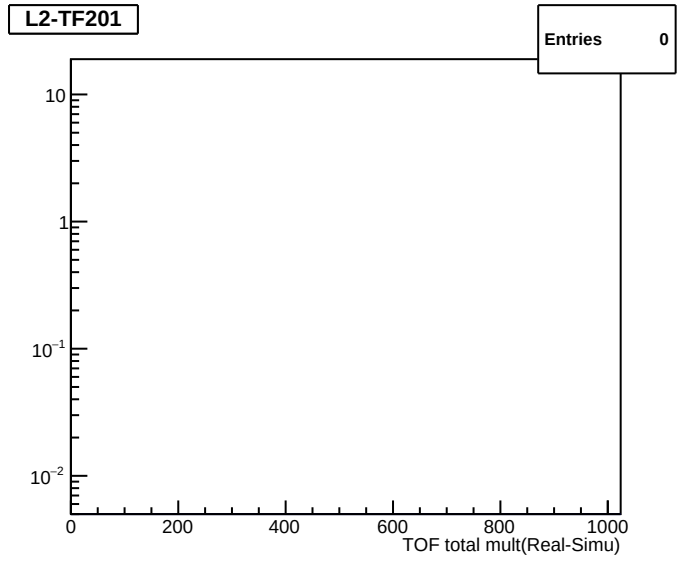

MIX-TF101
Entries 2.944664e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

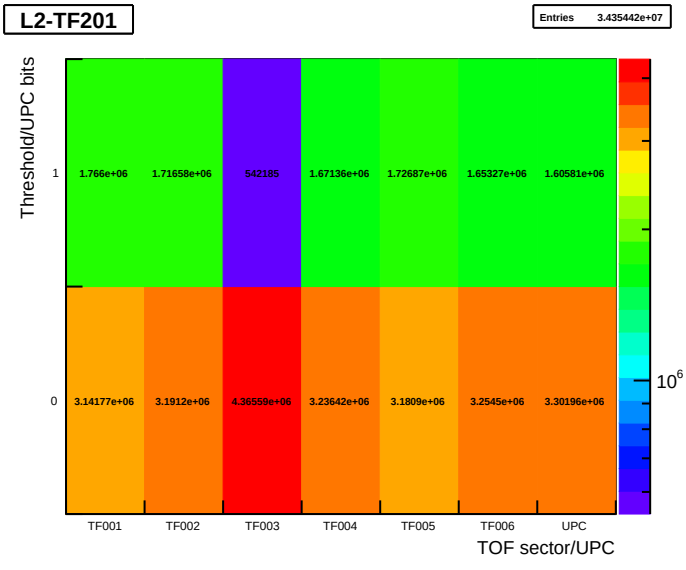

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

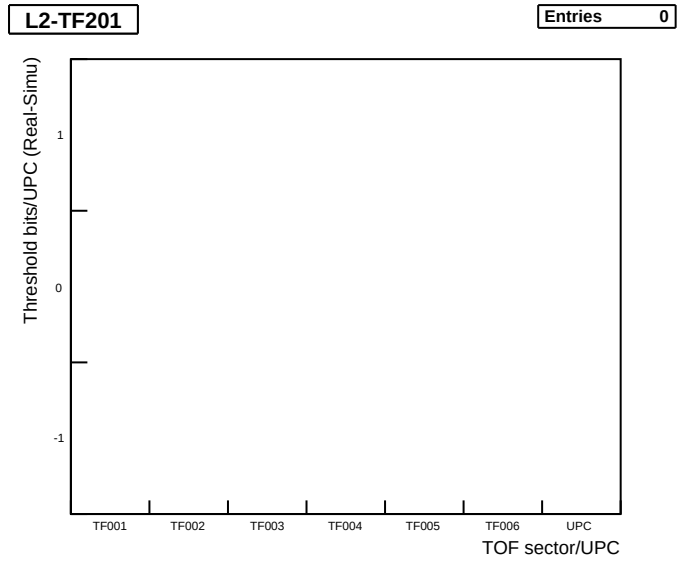

MIX-TF101
Entries 2.944664e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

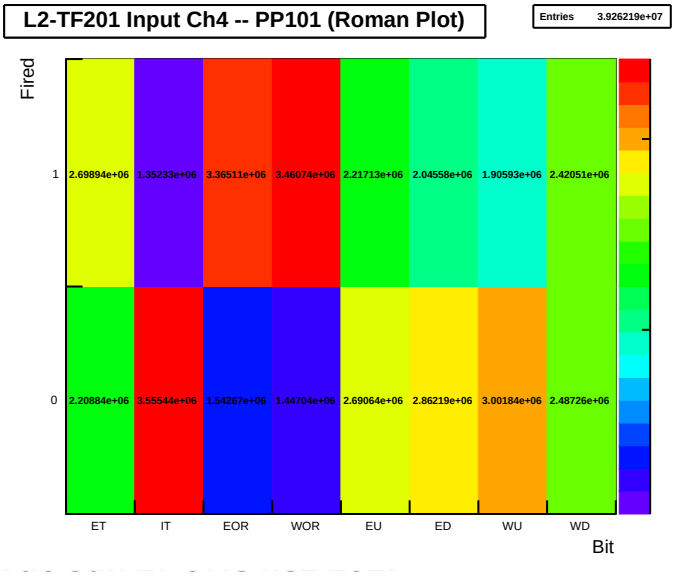

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

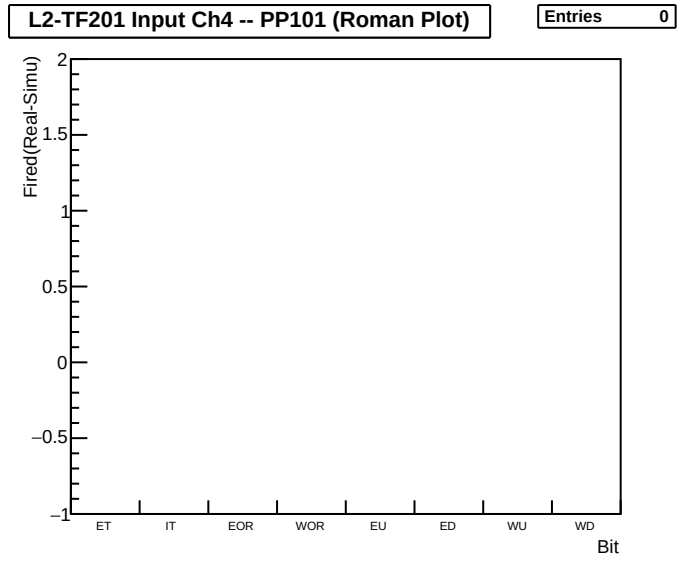

L2-TF201
Entries4907774
TOF total mult

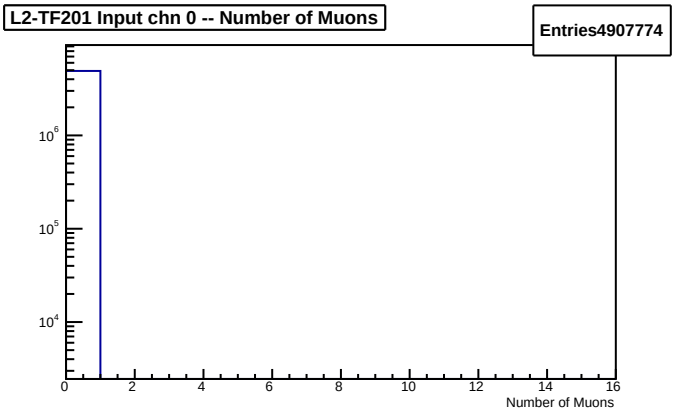

L2-TF201
Entries 0
TOF total mult(Real-Simu)

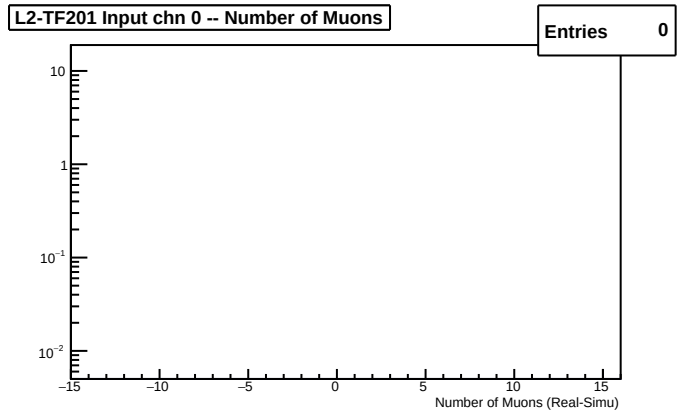

L2-TF201
Entries 3.435442e+07
Threshold/UPC bits
1.766e+06
1.71658e+06
542185
1.67136e+06
1.72687e+06
1.65327e+06
1.60581e+06
3.14177e+06
3.1912e+06
4.36559e+06
3.23642e+06
3.1809e+06
3.2545e+06
3.30196e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

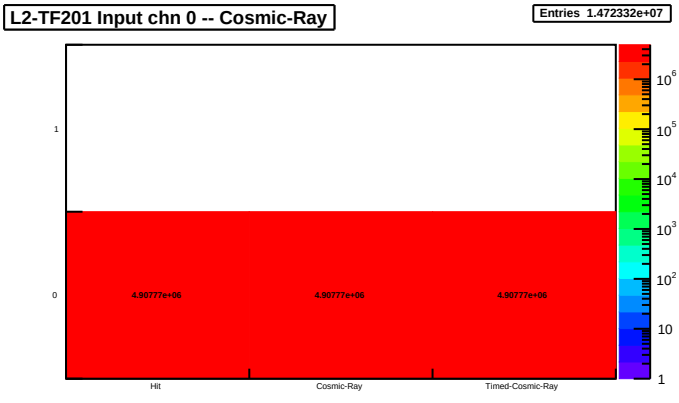

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

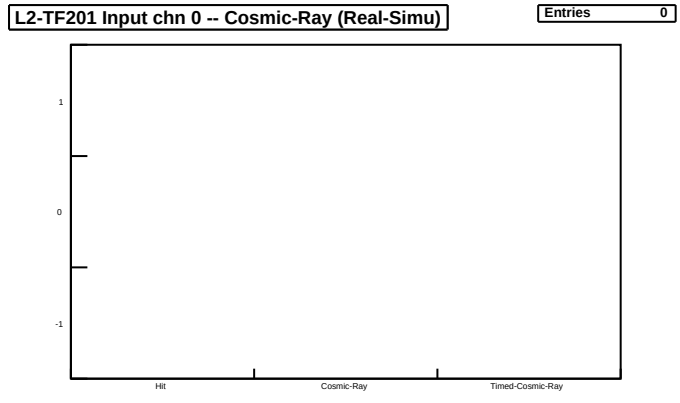

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.926219e+07
Fired
2.69894e+06
1.35233e+06
3.36511e+06
3.46074e+06
2.21713e+06
2.04558e+06
1.90593e+06
2.42051e+06
2.20884e+06
3.55544e+06
1.54267e+06
1.44704e+06
2.69064e+06
2.86219e+06
3.00184e+06
2.48726e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

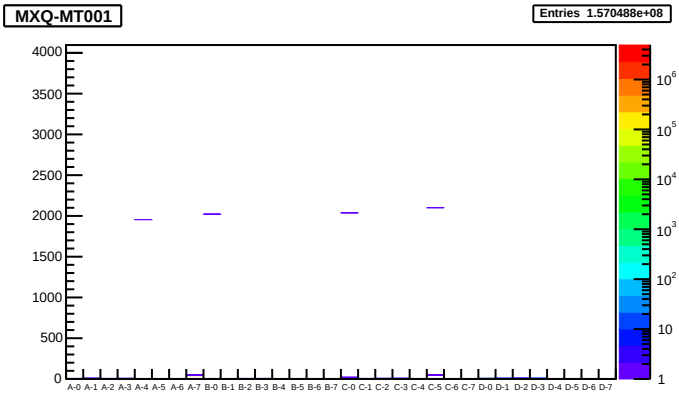

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

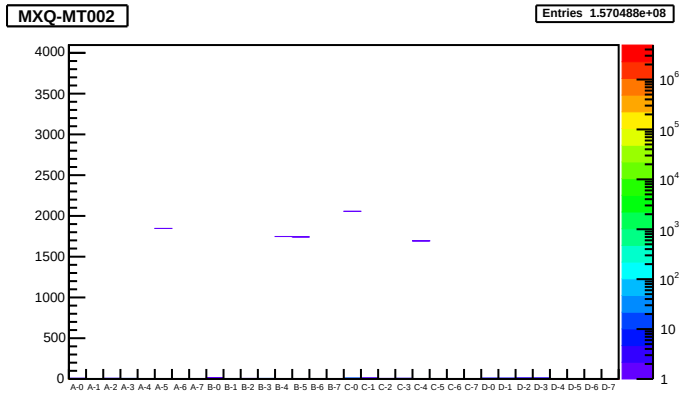

L2-TF201 Input chn 0 -- Number of Muons
Entries4907774
Number of Muons

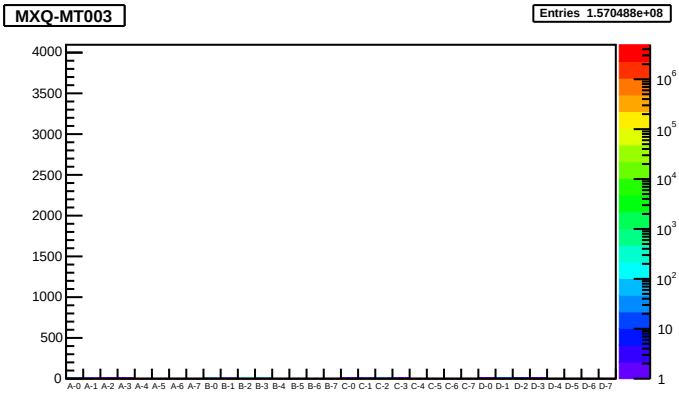

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

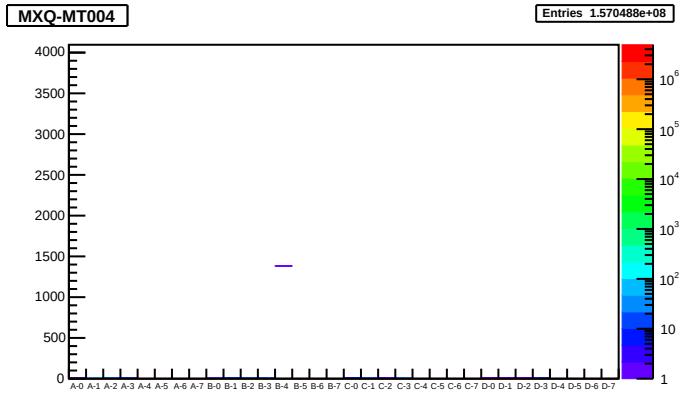

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.472332e+07
4.90777e+06
4.90777e+06
4.90777e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

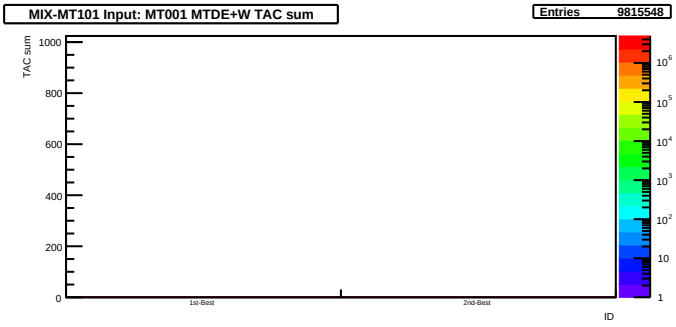

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

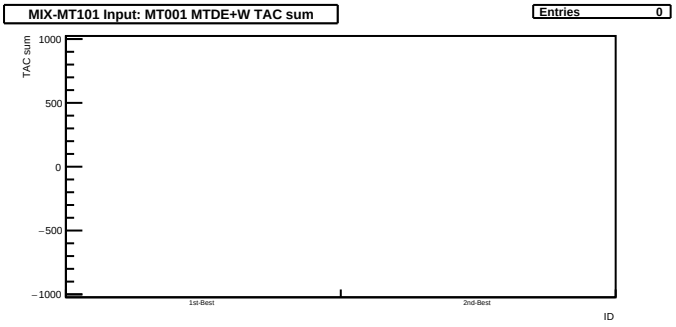

MXQ-MT001
Entries 1.570488e+08

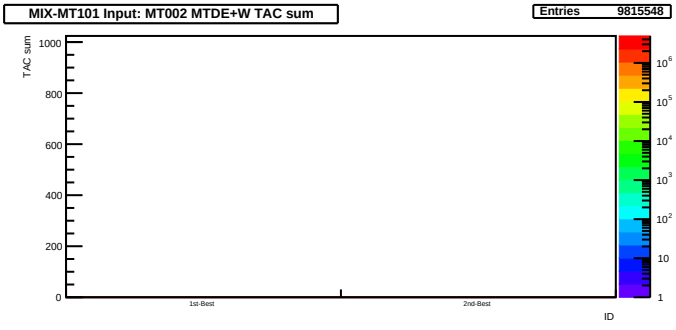

MXQ-MT002
Entries 1.570488e+08

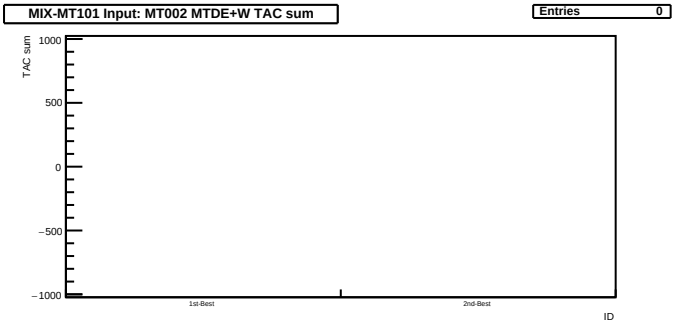

MXQ-MT003
Entries 1.570488e+08

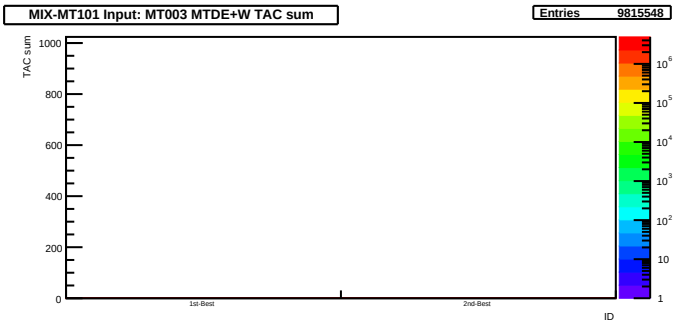

MXQ-MT004
Entries 1.570488e+08

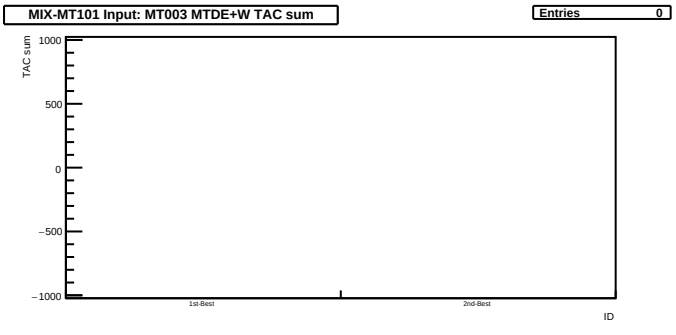

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9815548
TAC sum
ID
1st-Best
2nd-Best

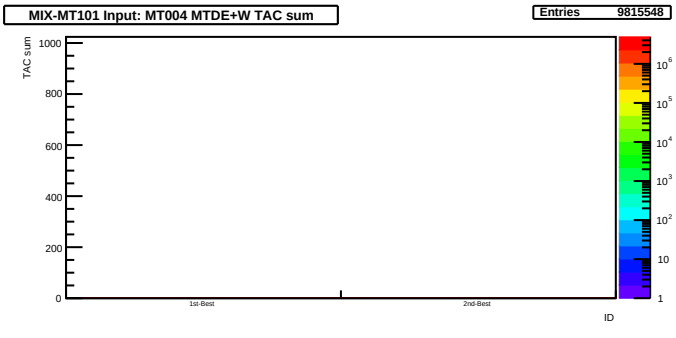

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

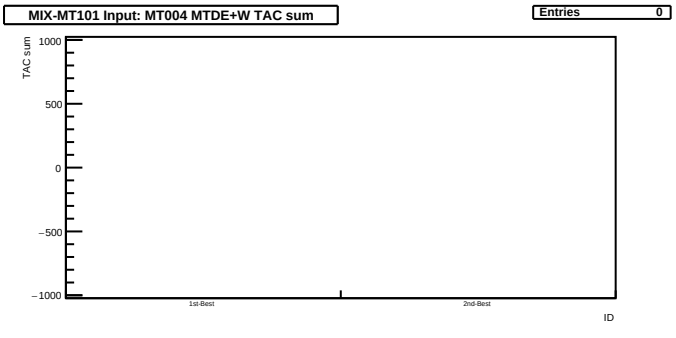

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9815548
TAC sum
ID
1st-Best
2nd-Best

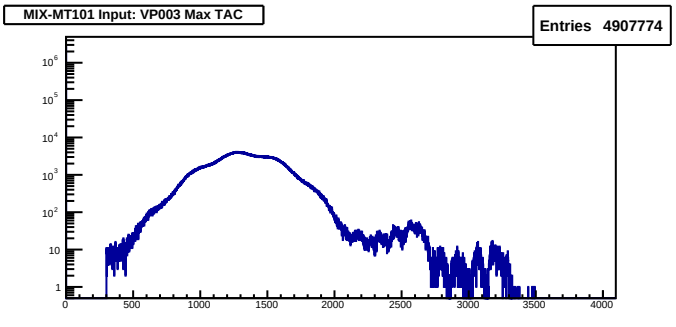

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

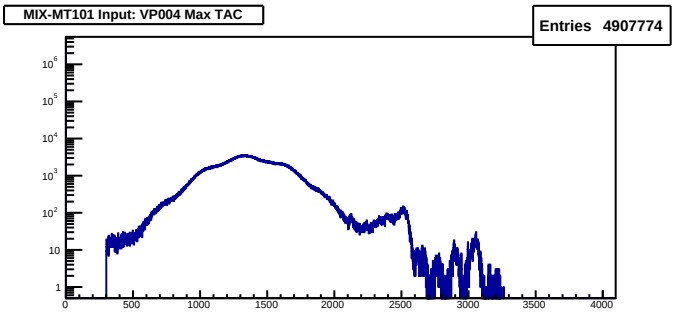

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9815548
TAC sum
ID
1st-Best
2nd-Best

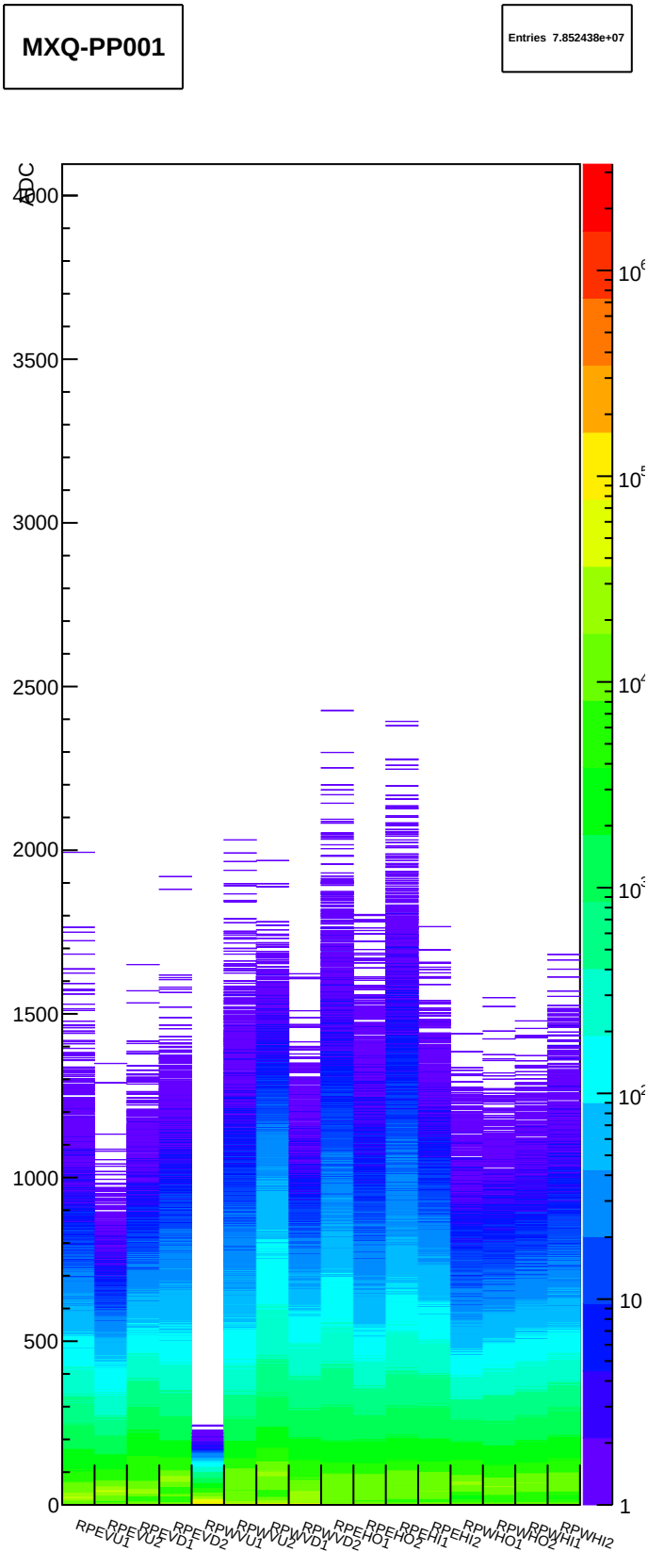

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9815548
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best


MIX-MT101 Input: VP003 Max TAC
Entries 4907774


MIX-MT101 Input: VP004 Max TAC
Entries 4907774


MXQ-PP001
Entries 7.852438e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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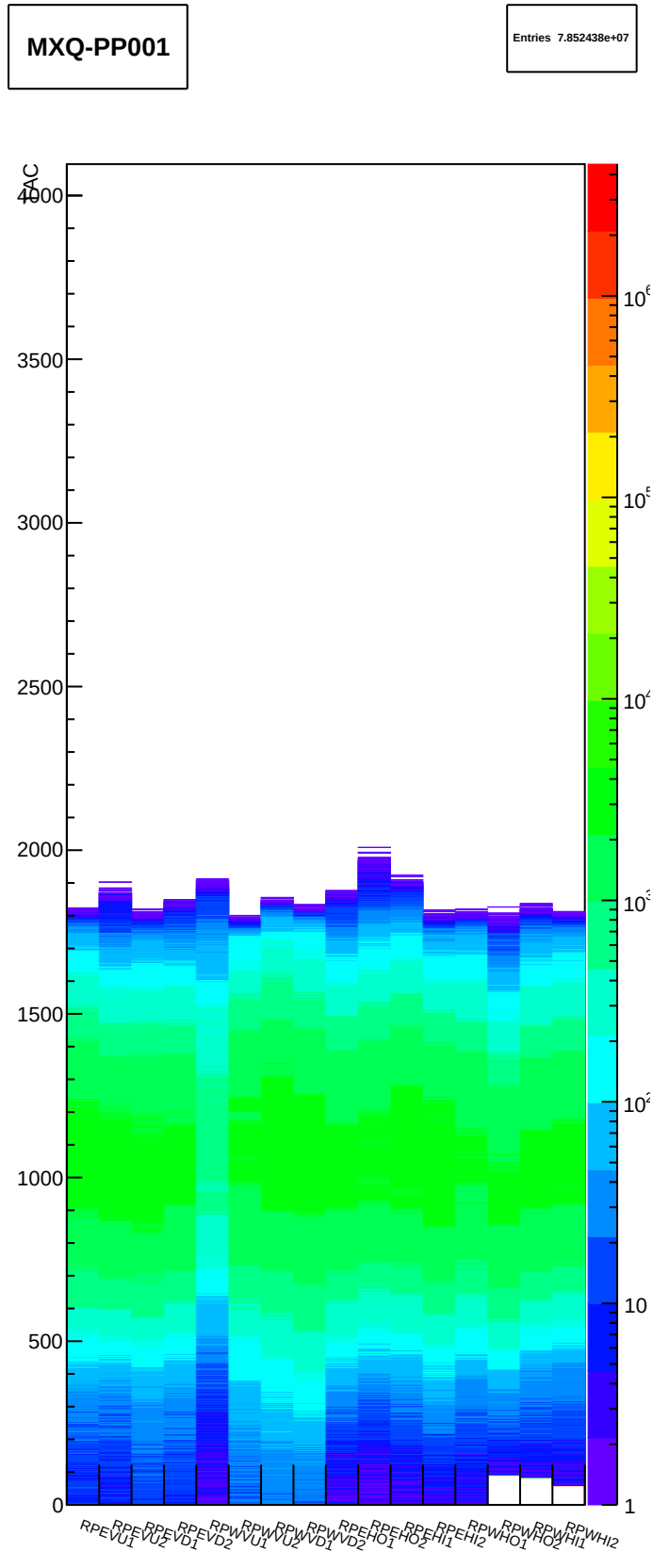
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 7.852438e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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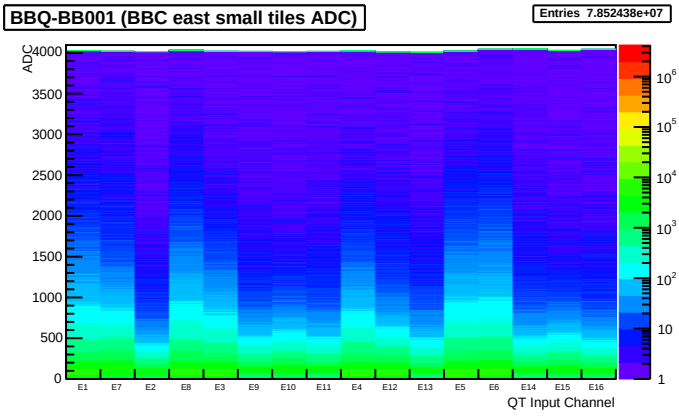
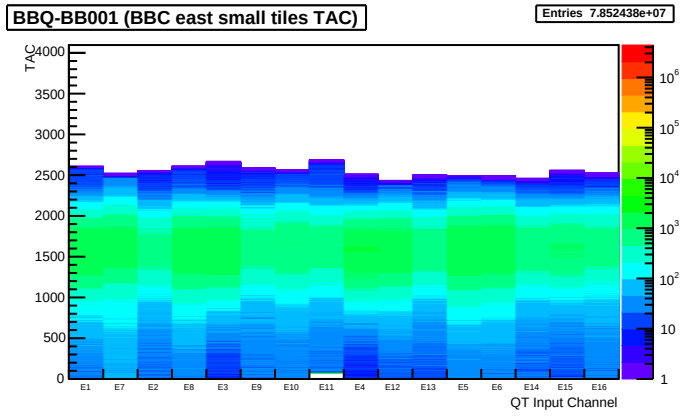
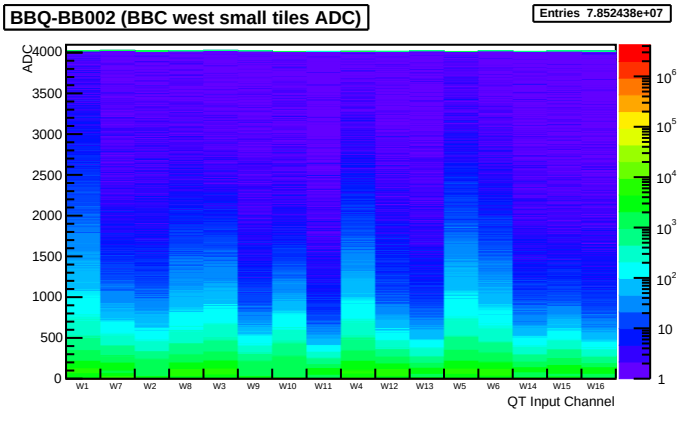
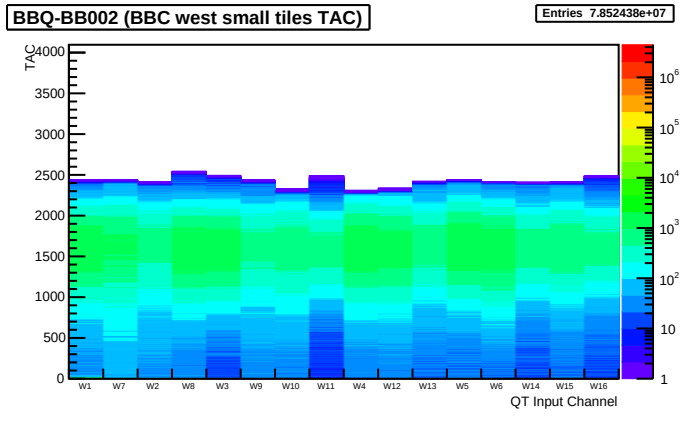
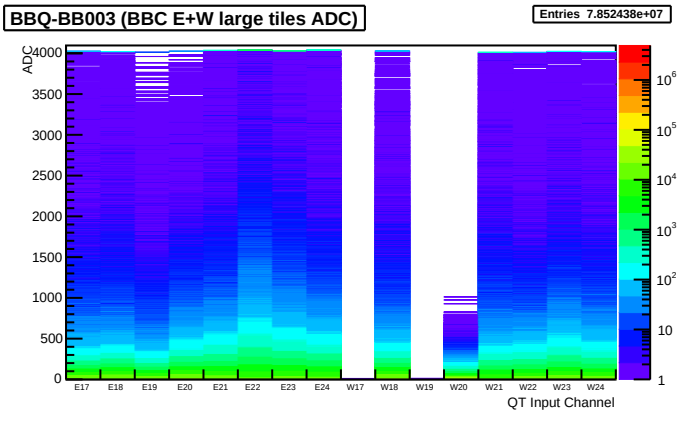
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

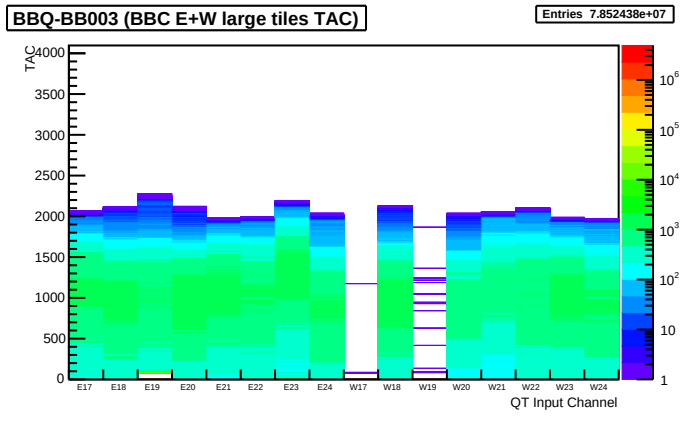

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.852438e+07
ADC
QT Input Channel

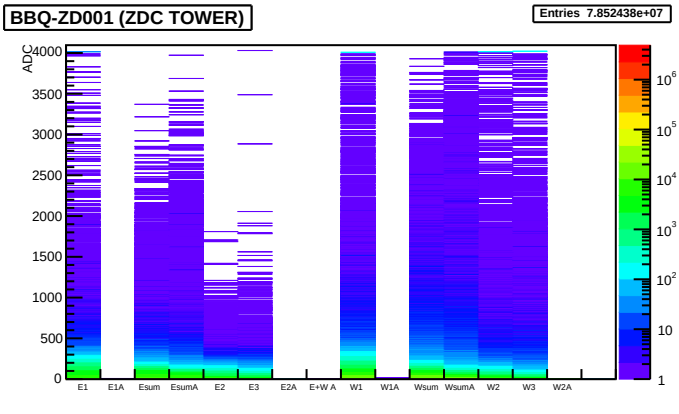

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.852438e+07
TAC
QT Input Channel

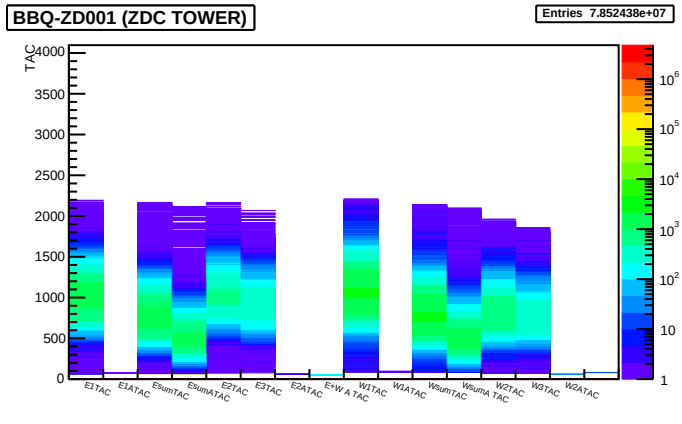

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.852438e+07
ADC
QT Input Channel

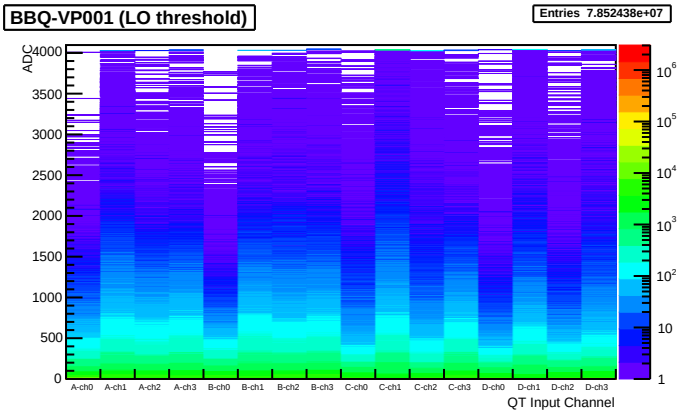

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.852438e+07
TAC
QT Input Channel

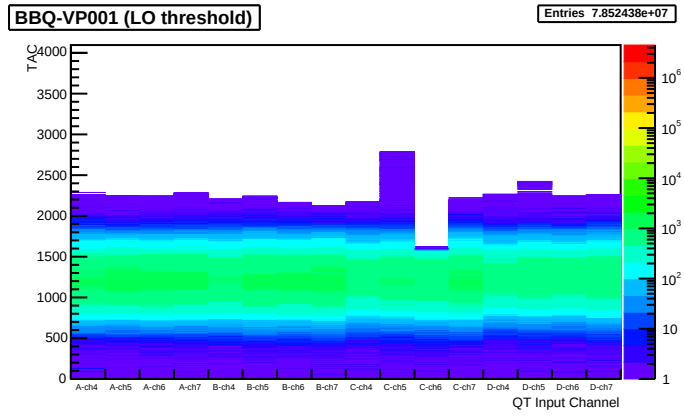

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.852438e+07
ADC
QT Input Channel

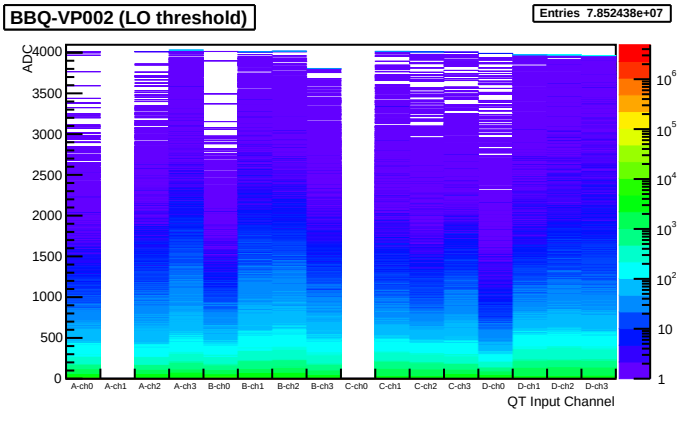

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.852438e+07
TAC
QT Input Channel

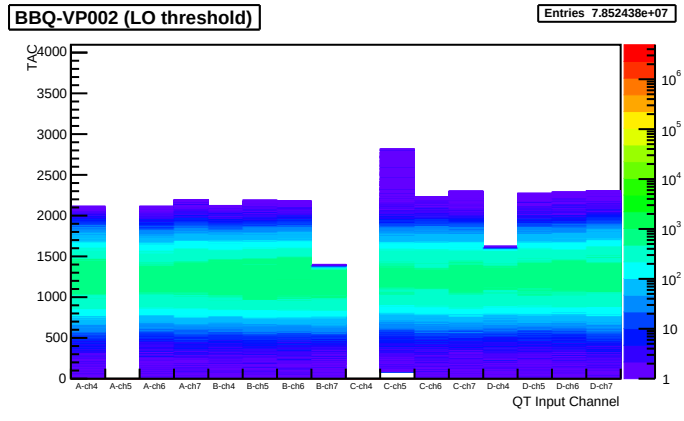

BBQ-ZD001 (ZDC TOWER)
Entries 7.852438e+07
ADC

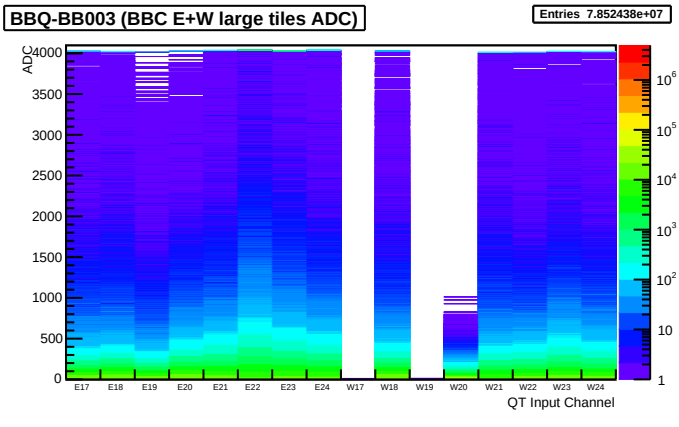

BBQ-ZD001 (ZDC TOWER)
Entries 7.852438e+07
TAC

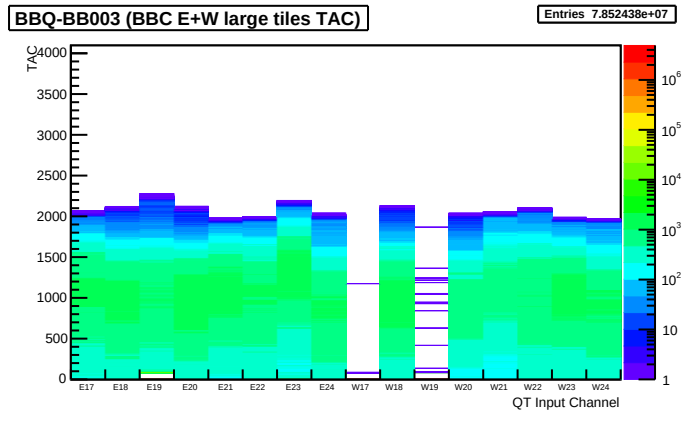

BBQ-VP001 (LO threshold)
Entries 7.852438e+07
ADC
QT Input Channel

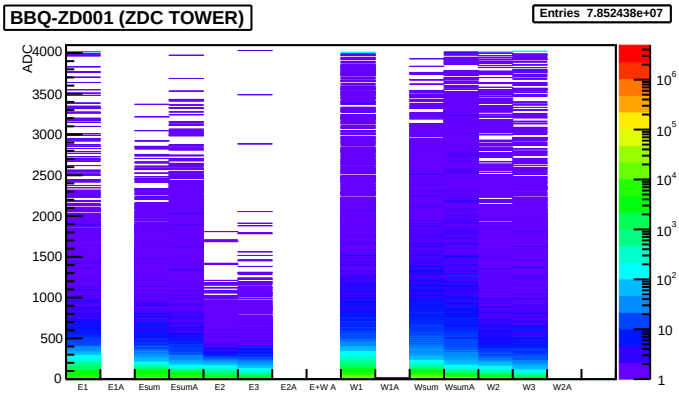

BBQ-VP001 (LO threshold)
Entries 7.852438e+07
TAC
QT Input Channel

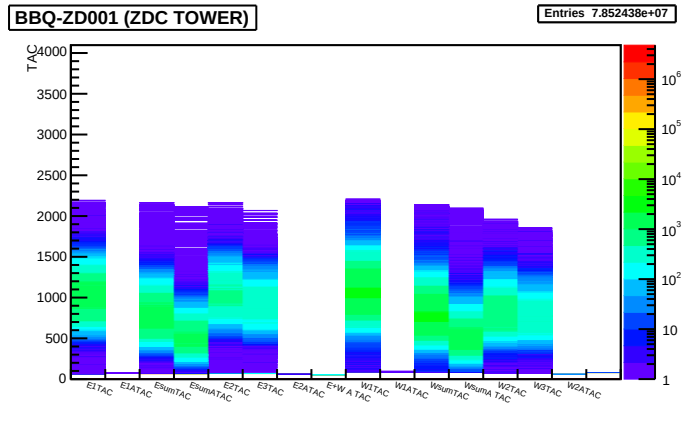

BBQ-VP002 (LO threshold)
Entries 7.852438e+07
ADC
QT Input Channel

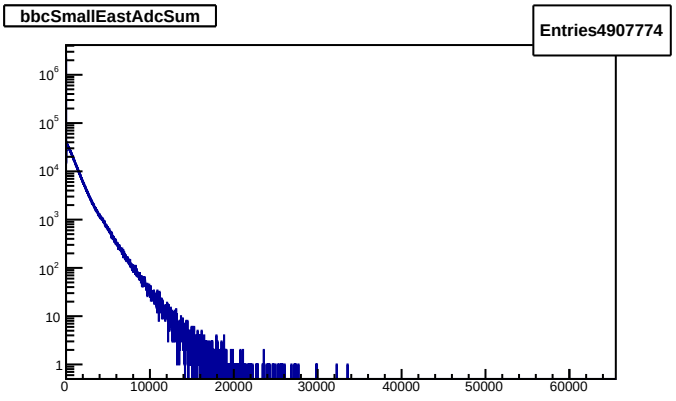

BBQ-VP002 (LO threshold)
Entries 7.852438e+07
TAC
QT Input Channel

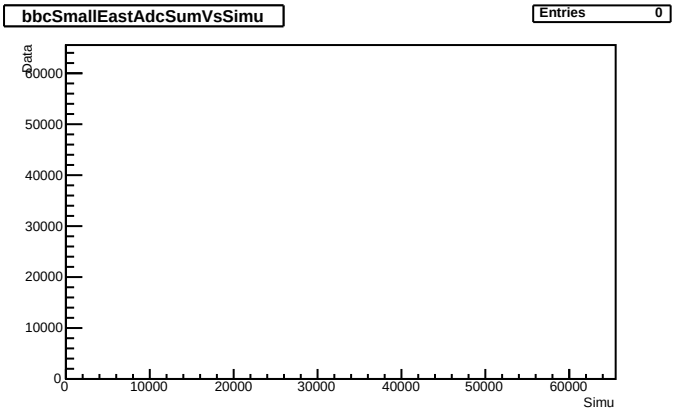

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.852438e+07
ADC
QT Input Channel

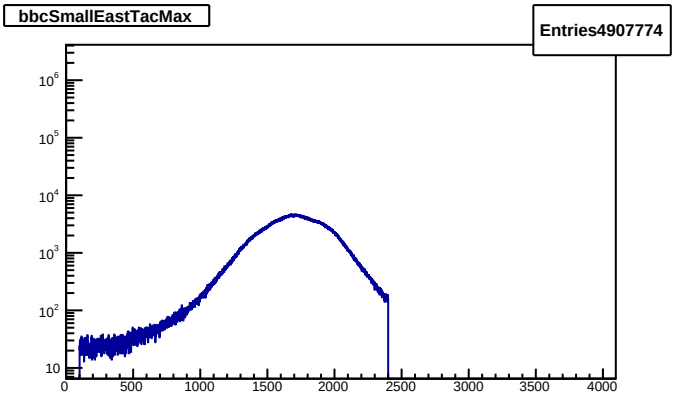

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.852438e+07
TAC
QT Input Channel

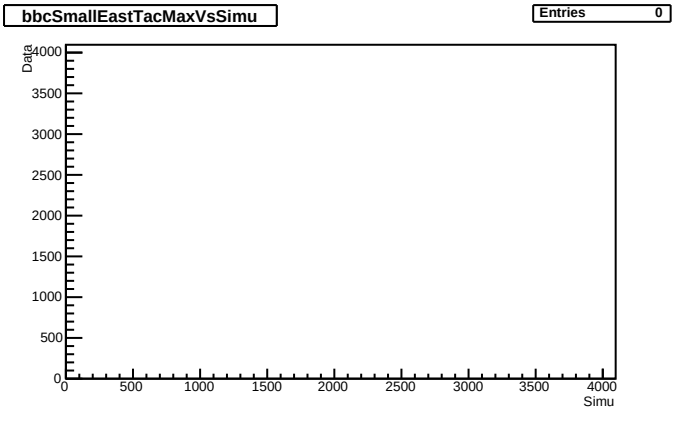

BBQ-ZD001 (ZDC TOWER)
Entries 7.852438e+07
ADC

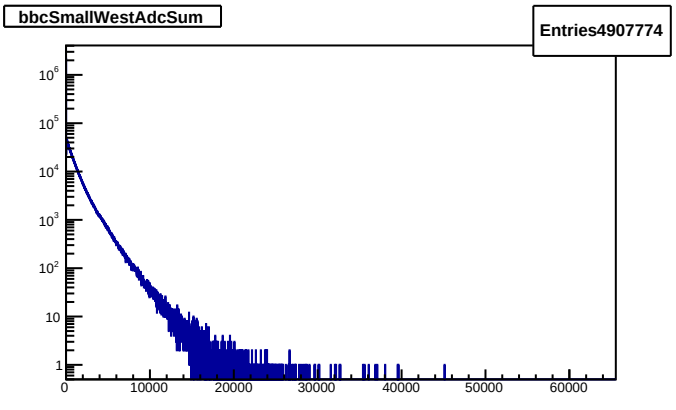

BBQ-ZD001 (ZDC TOWER)
Entries 7.852438e+07
TAC

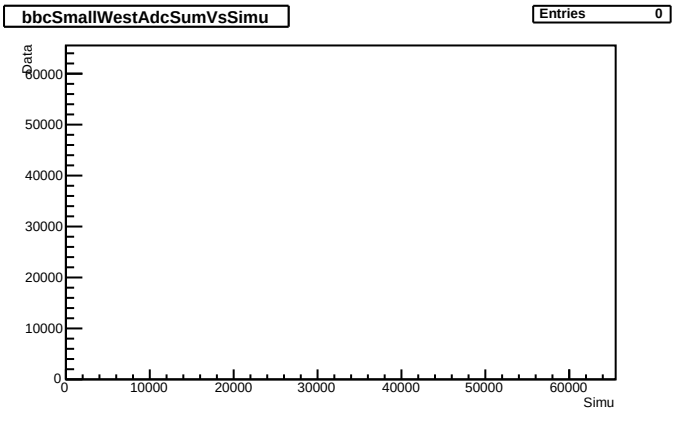

bbcSmallEastAdcSum
Entries4907774

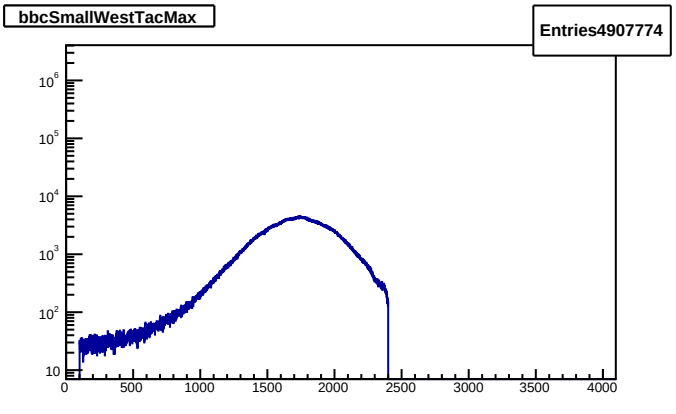

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

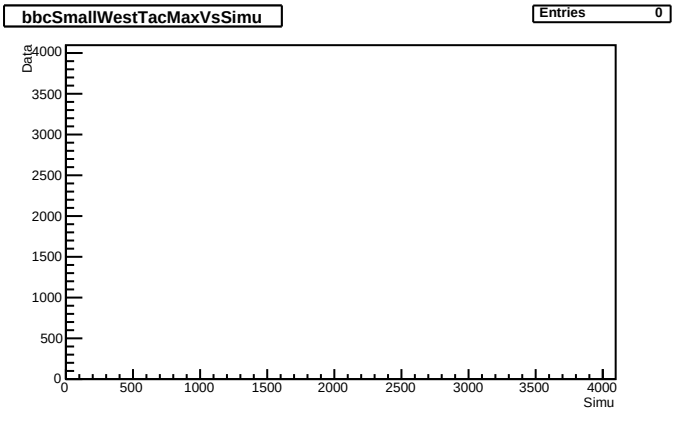

bbcSmallEastTacMax
Entries4907774

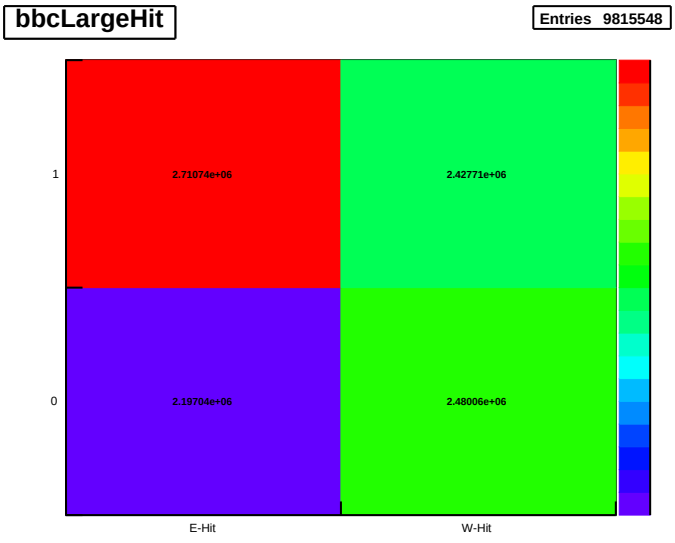

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

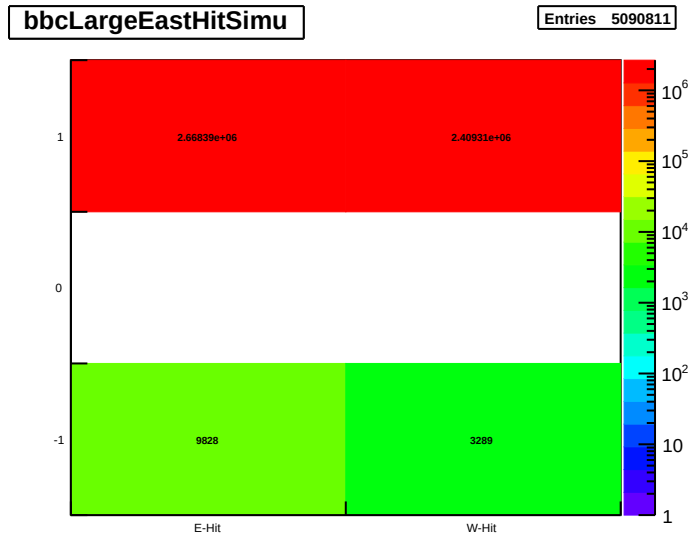

bbcSmallWestAdcSum
Entries4907774

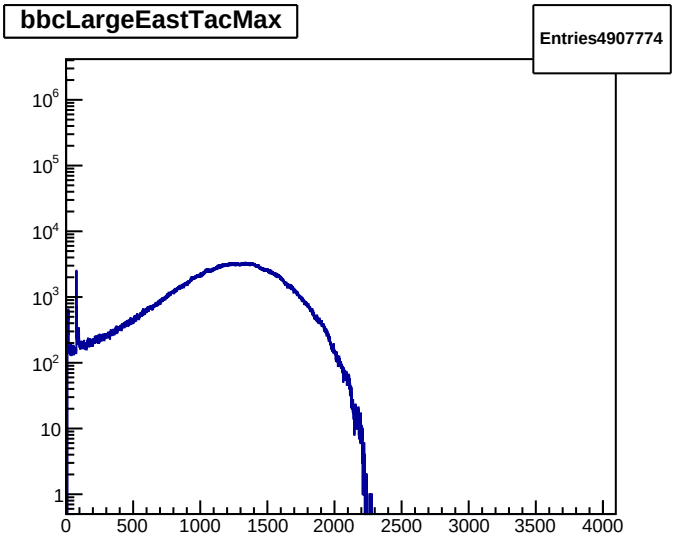

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

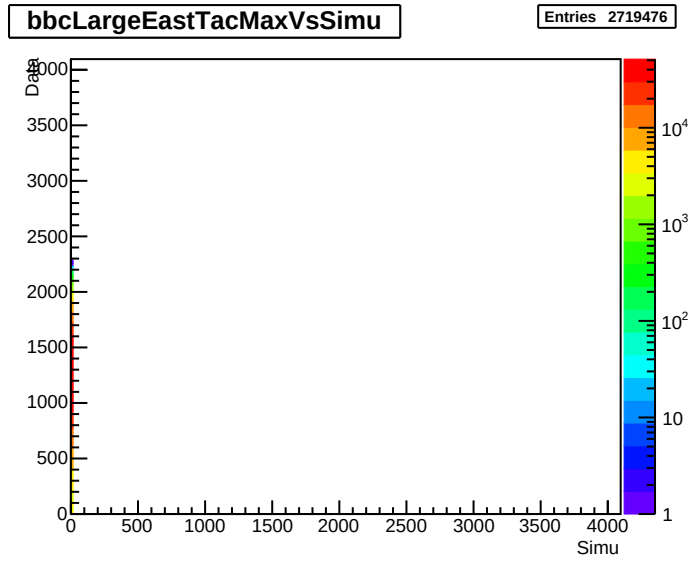

bbcSmallWestTacMax
Entries4907774

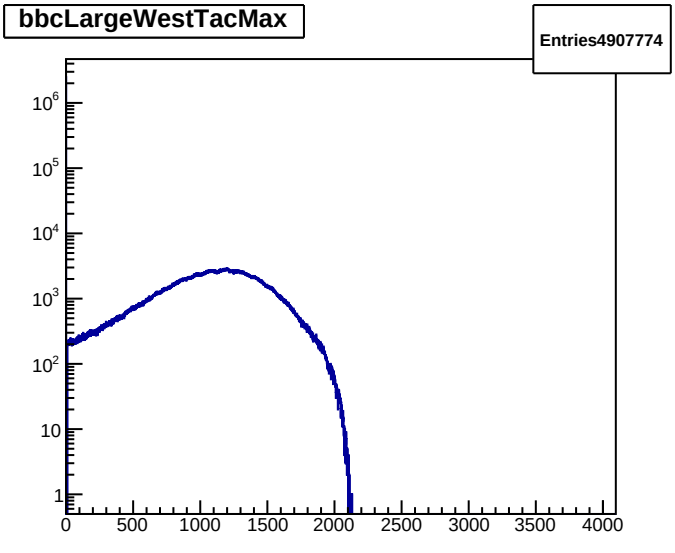

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

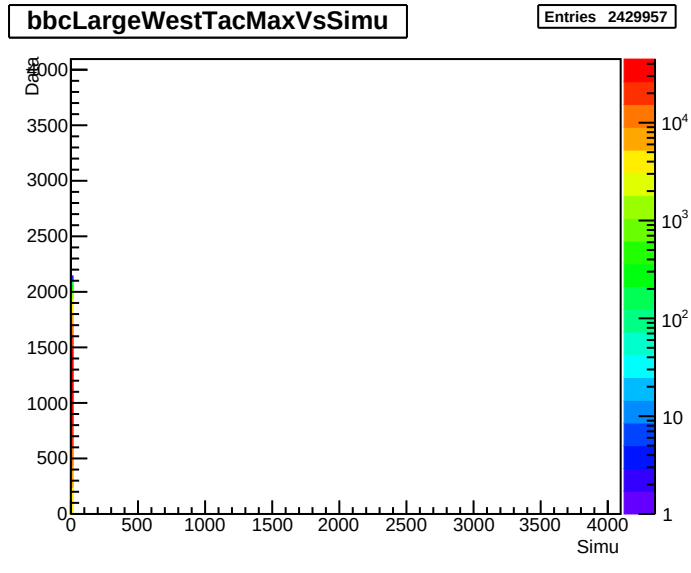

bbcLargeHit
Entries 9815548
2.71074e+06
2.42771e+06
2.19704e+06
2.48006e+06
1
0
E-Hit
W-Hit


bbcLargeEastHitSimu
Entries 5090811
2.66839e+06
2.40931e+06
9828
3289
1
0
-1
E-Hit
W-Hit
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1


bbcLargeEastTacMax
Entries4907774
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


bbcLargeEastTacMaxVsSimu
Entries 2719476
Data
Simu
0
500
1000
1500
2000
2500
3000
3500
4000
$10^4$
$10^3$
$10^2$
10
1


bbcLargeWestTacMax
Entries4907774
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


bbcLargeWestTacMaxVsSimu
Entries 2429957
Data
Simu
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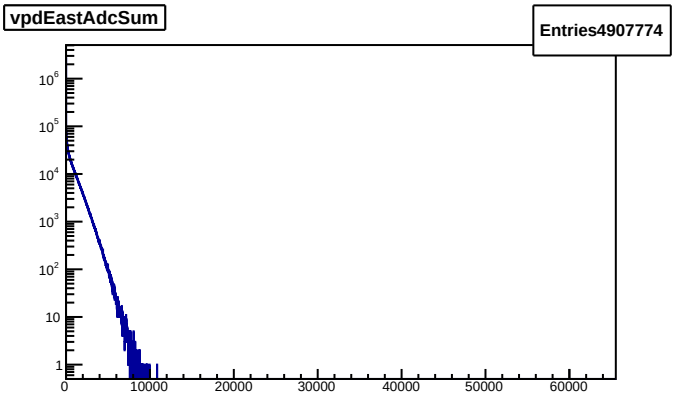
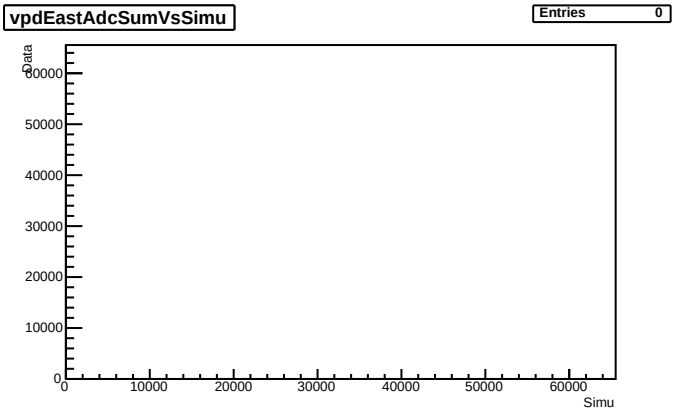
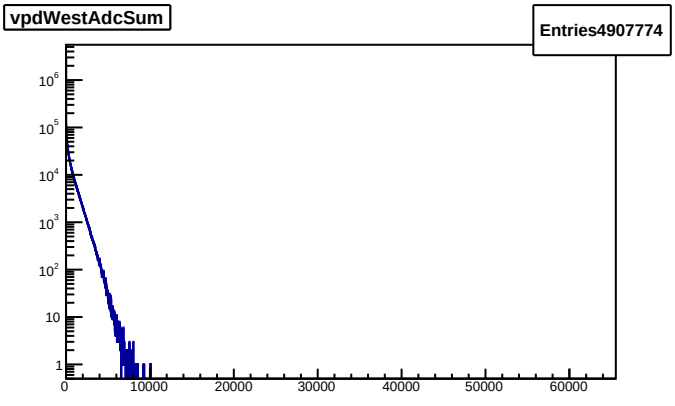
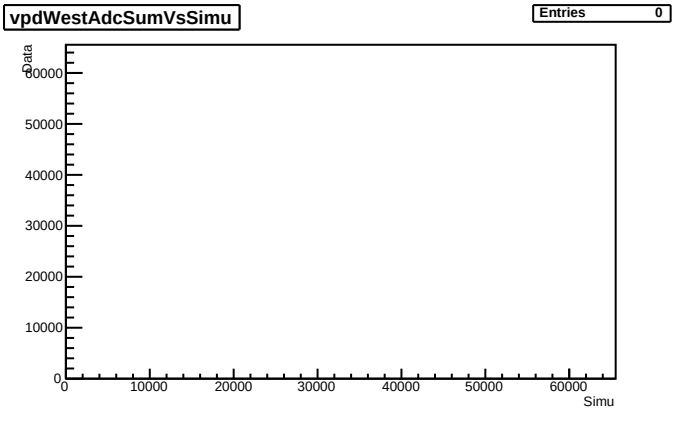
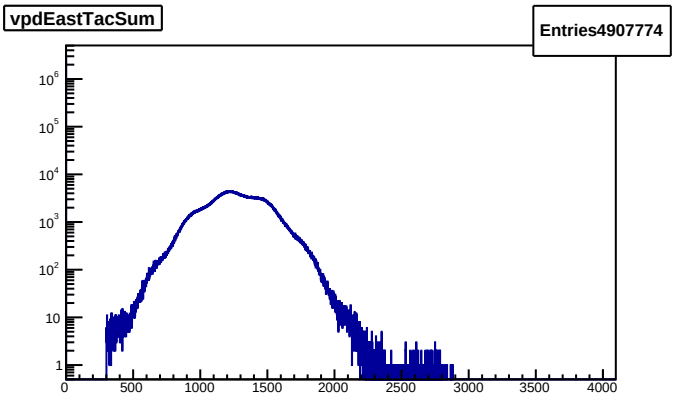
1000
1500
2000
2500
3000
3500
4000
$10^4$
$10^3$
$10^2$
10
1

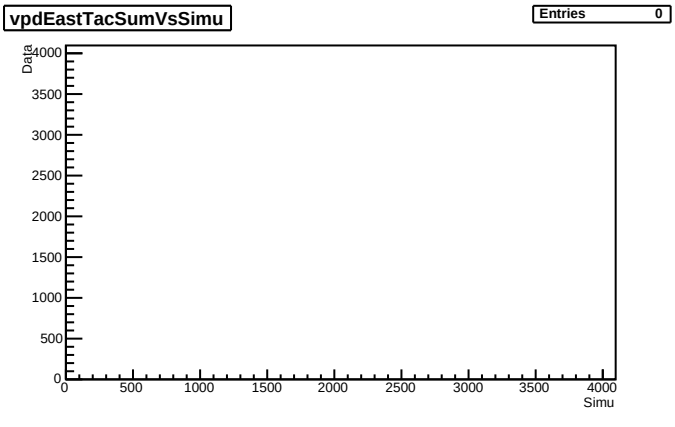

vpdEastAdcSum
Entries4907774

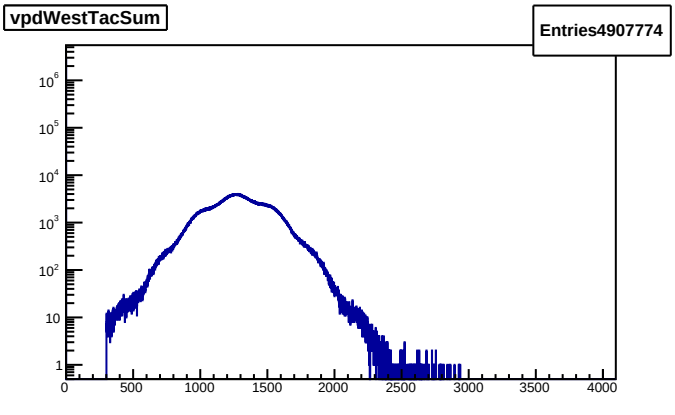

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

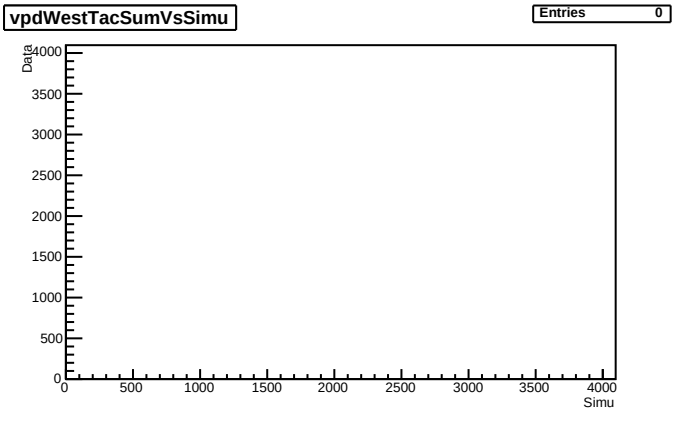

vpdWestAdcSum
Entries4907774

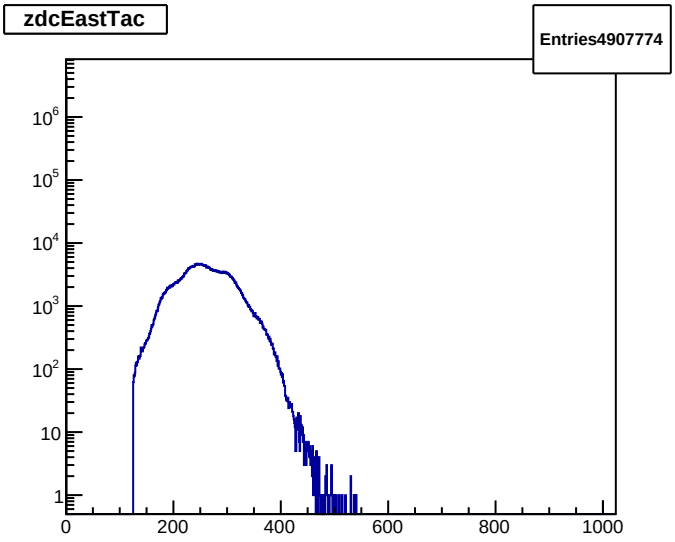

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

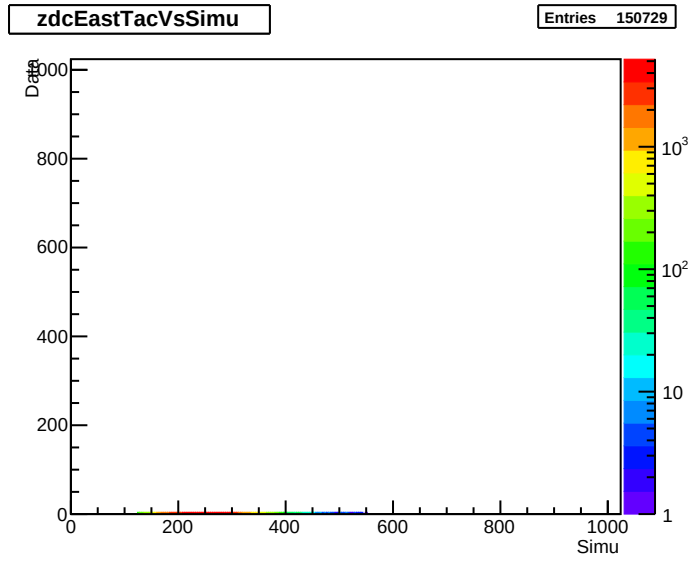

vpdEastTacSum
Entries4907774

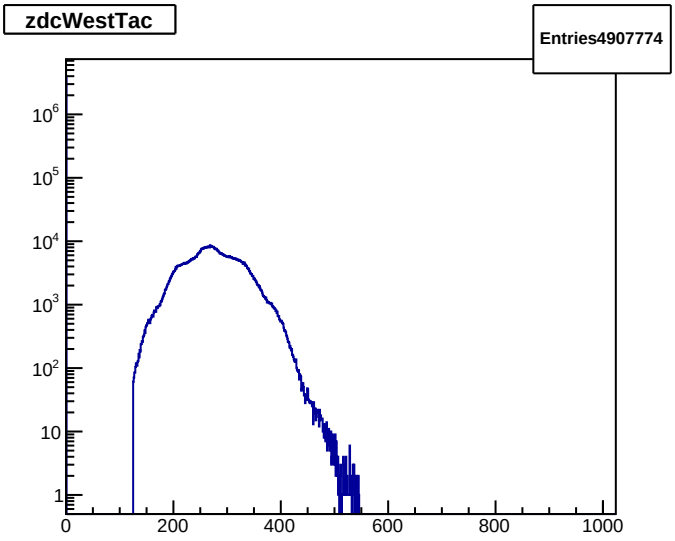

vpdEastTacSumVsSimu
Entries 0
Data
Simu

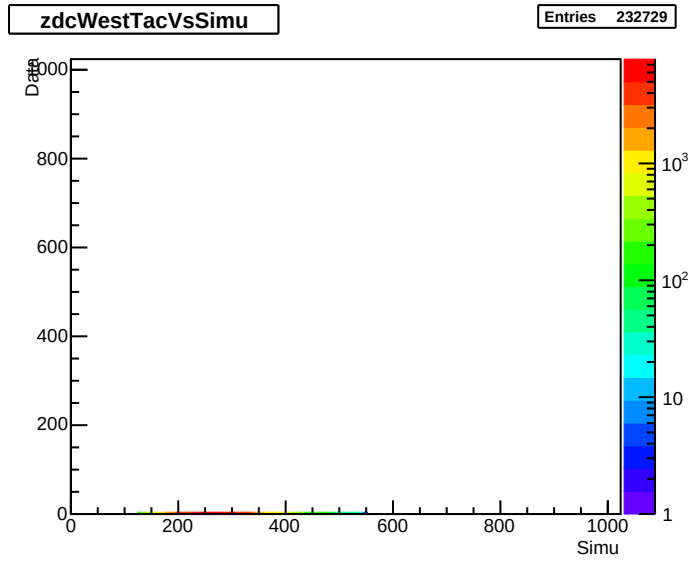

vpdWestTacSum
Entries4907774

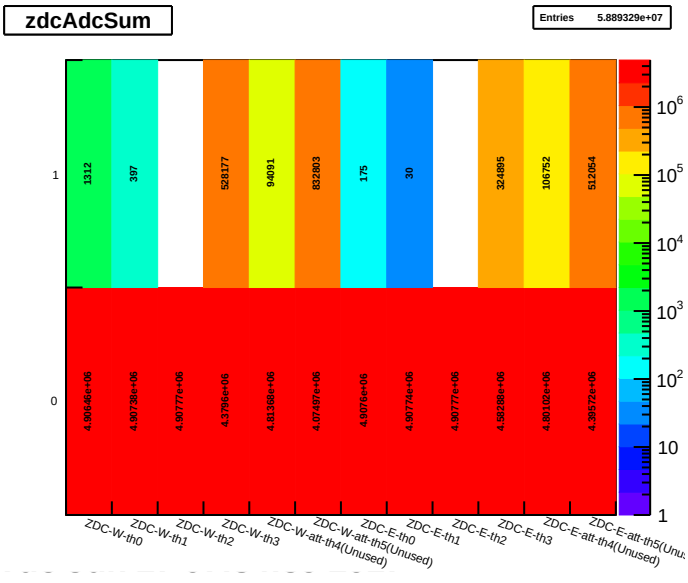

vpdWestTacSumVsSimu
Entries 0
Data
Simu

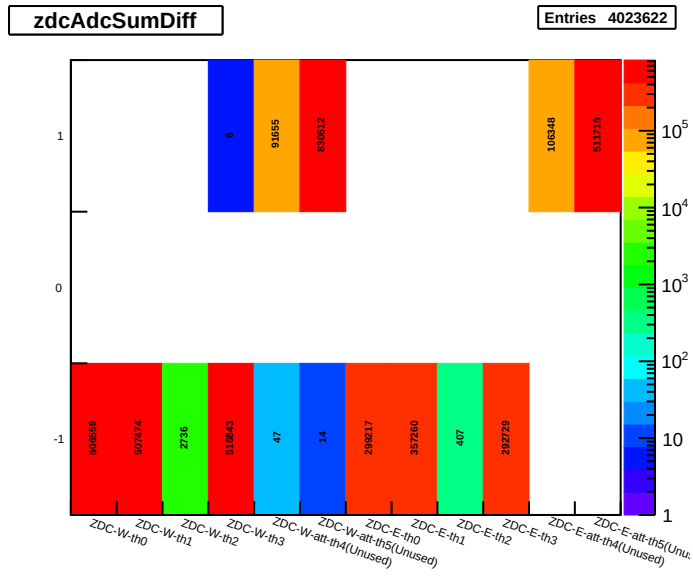

zdcEastTac
Entries4907774

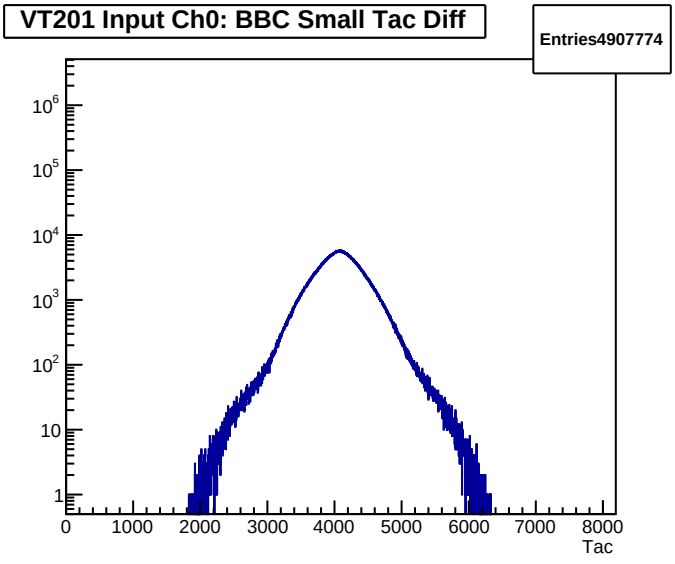

zdcEastTacVsSimu
Entries 150729
Data
Simu

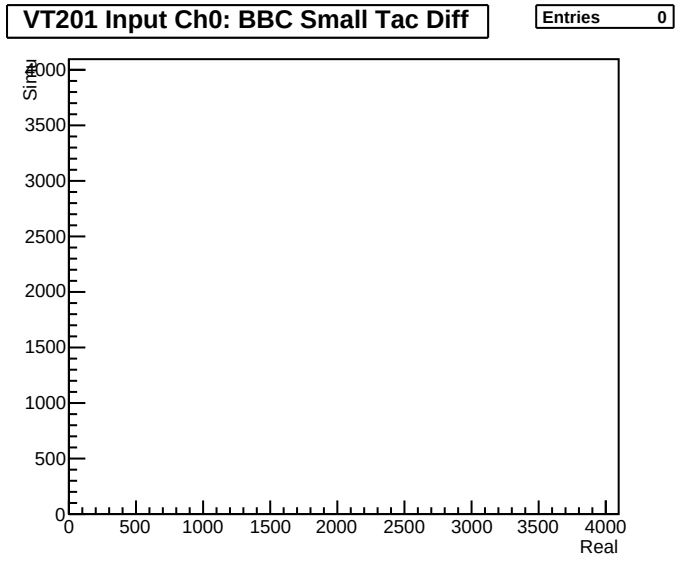

zdcWestTac
Entries4907774

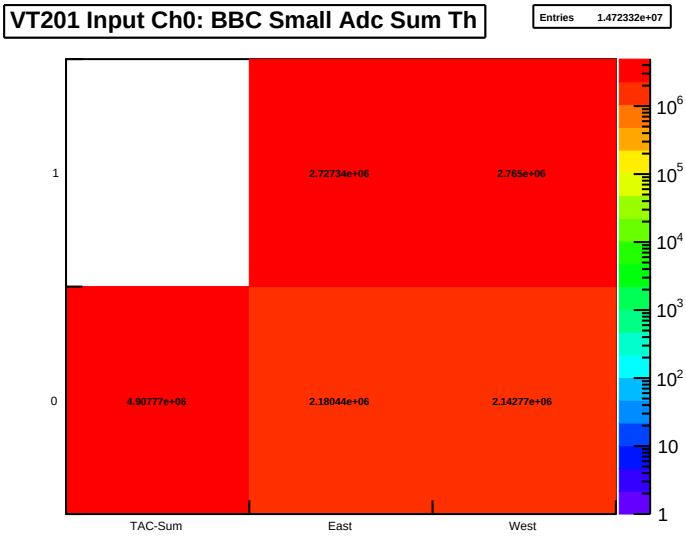

zdcWestTacVsSimu
Entries 232729
Data
Simu

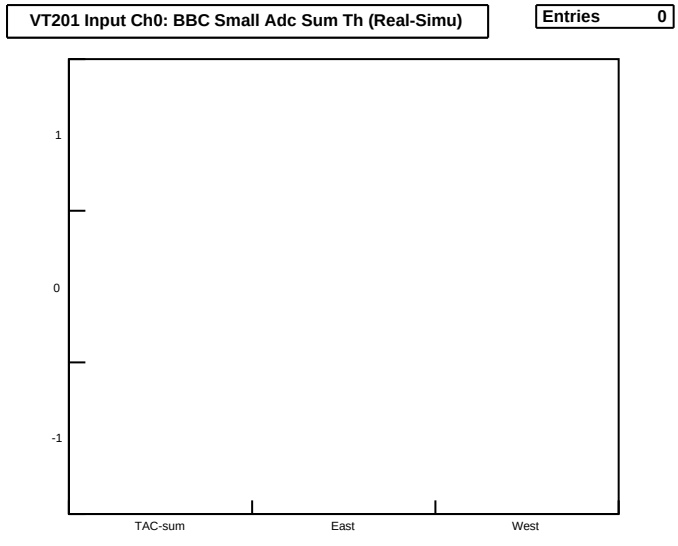

zdcAdcSum
Entries 5.889329e+07
1312
397
528177
94091
832803
175
30
324895
106752
512054
4.90646e+06
4.90738e+05
4.90777e+06
4.3796e+06
4.81368e+06
4.07497e+06
4.9076e+06
4.90774e+06
4.90777e+05
4.58288e+06
4.80102e+06
4.39572e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

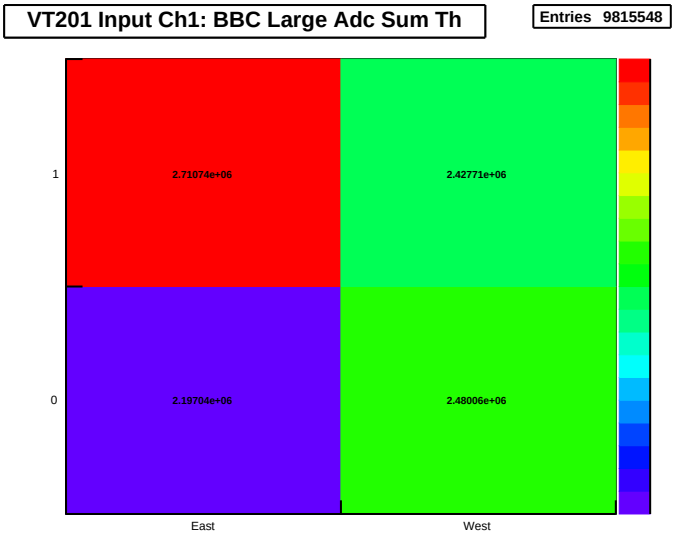

zdcAdcSumDiff
Entries 4023622
6
91655
830612
106348
511715
505559
507474
2736
516843
47
14
299217
357260
407
292729
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

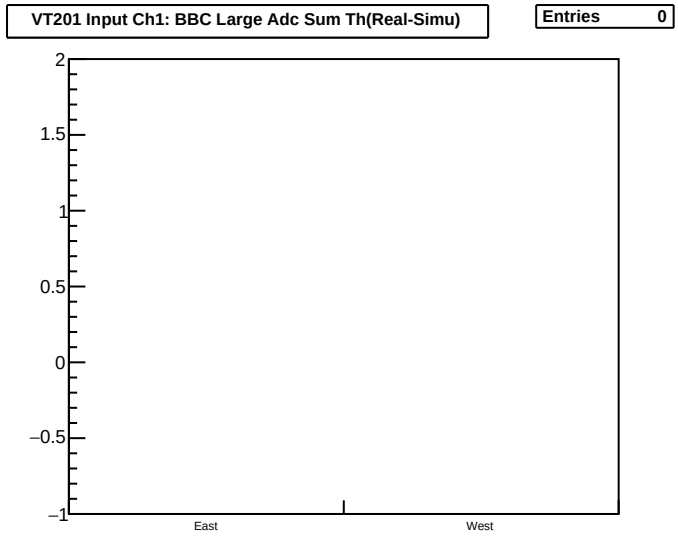

VT201 Input Ch0: BBC Small Tac Diff
Entries4907774
Tac


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

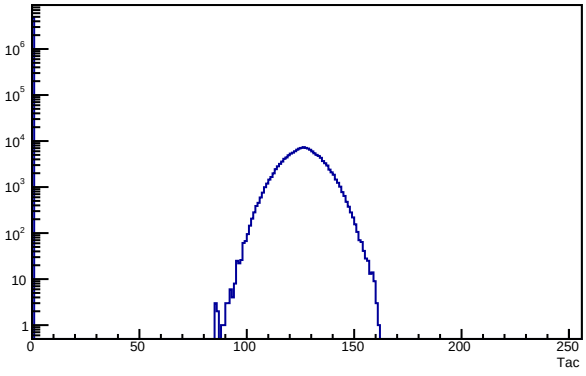

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.472332e+07
2.72734e+06
2.765e+06
4.90777e+06
2.18044e+06
2.14277e+06
TAC-Sum
East
West


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

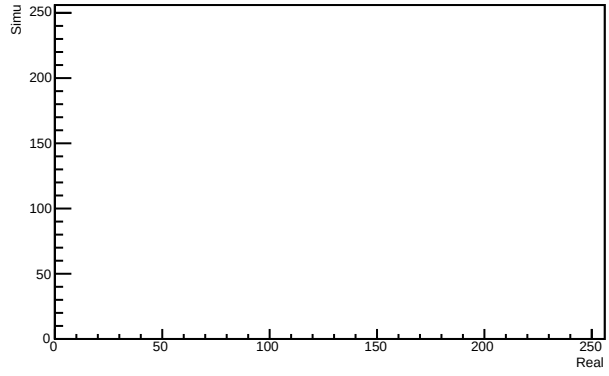

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9815548
2.71074e+06
2.42771e+06
2.19704e+06
2.48006e+06
East
West


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

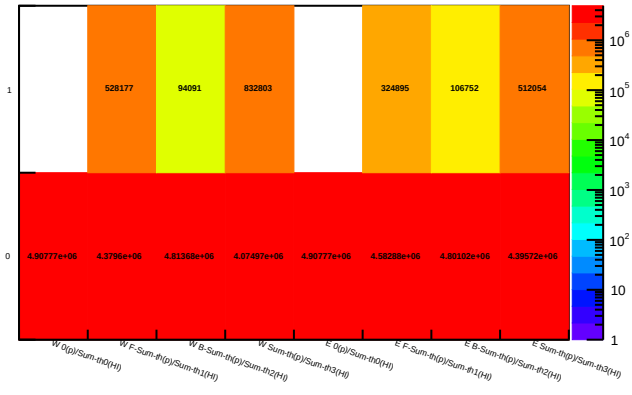
**VT201 Input Ch2: ZDC Tac Diff**



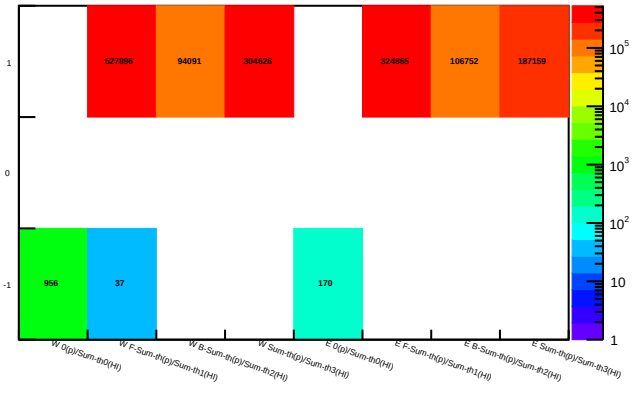

**VT201 Input Ch2: ZDC Tac Diff**



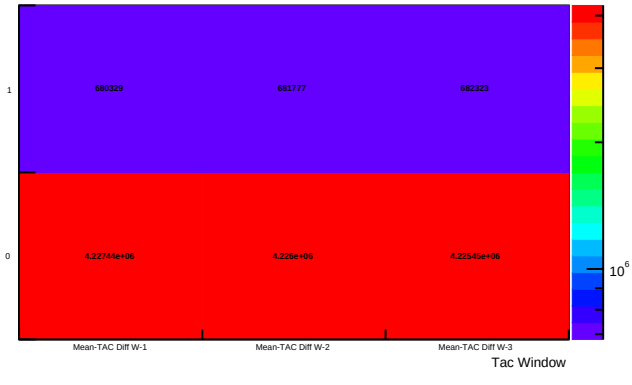

**VT201 Input Ch2: ZDC Adc Sum Th**



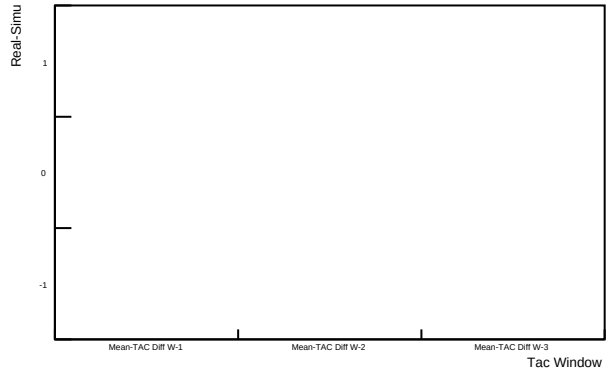

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



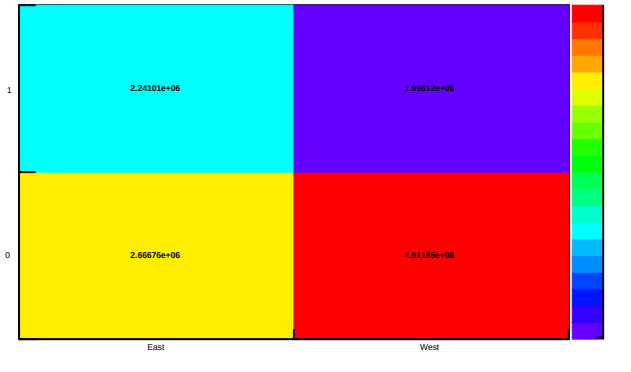

**VT201 Input Ch4: VPD Tac Diff**



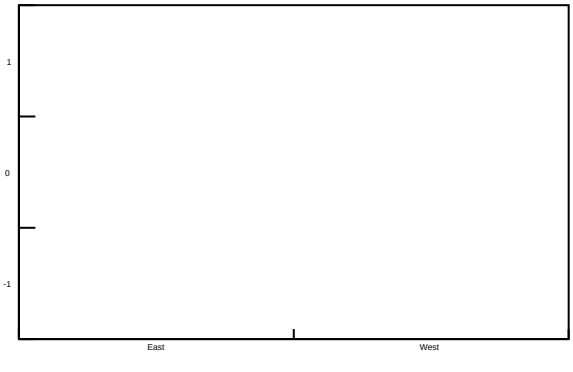

**VT201 Input Ch4: VPD Tac Diff**

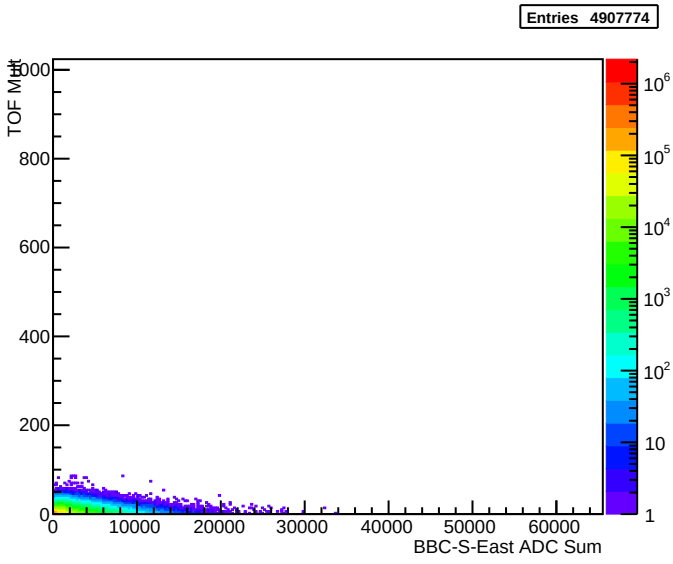


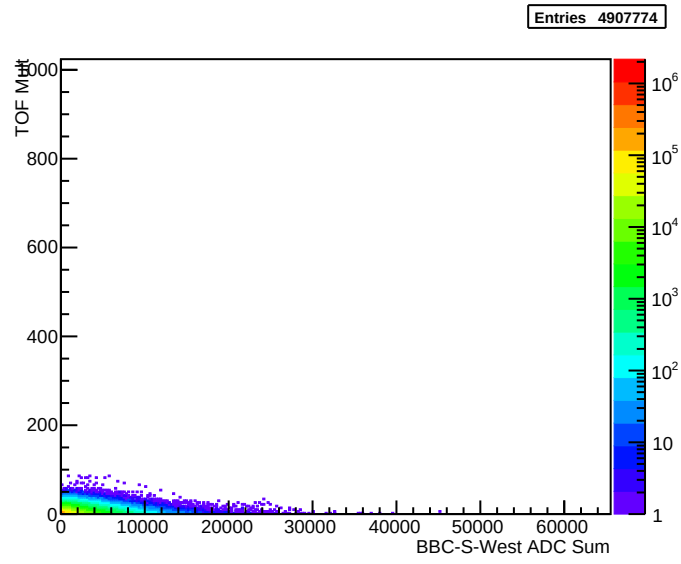

**VT201 Input Ch4: VPD Adc Sum Th**

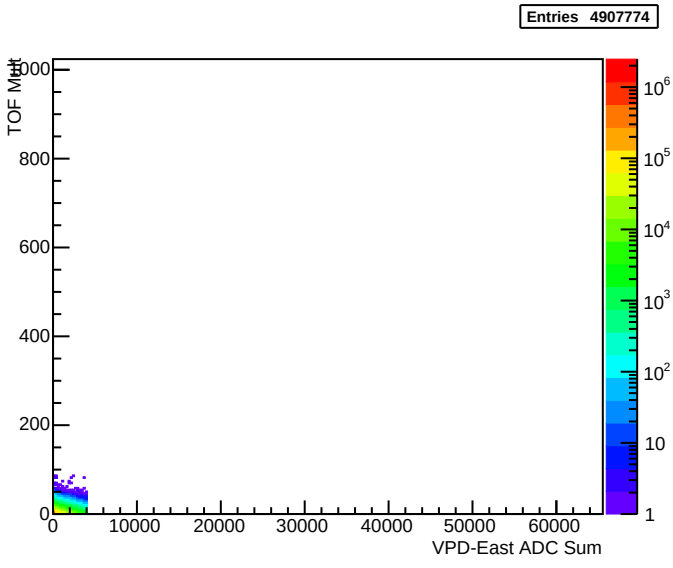


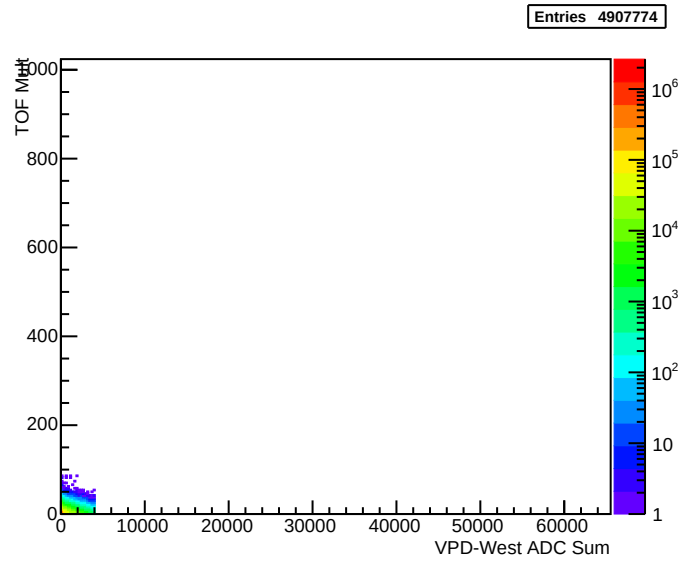

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

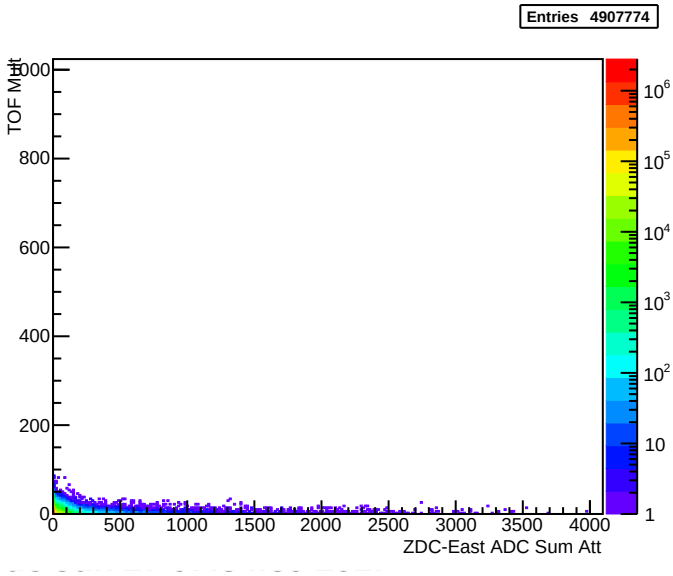


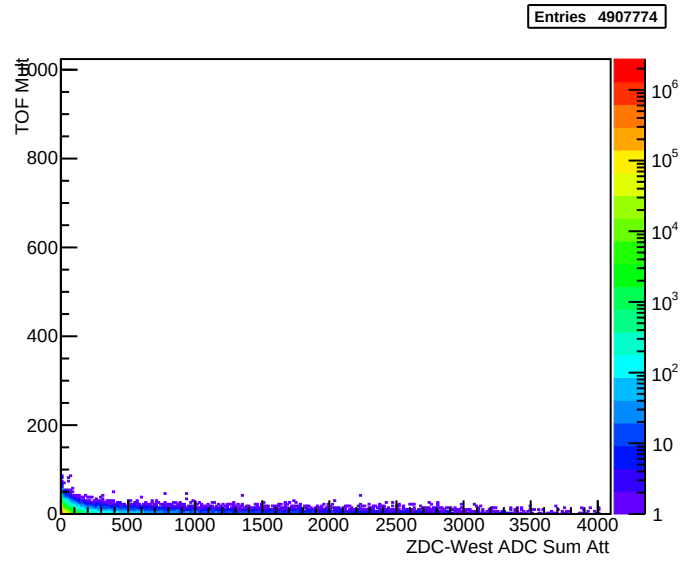

Entries 4907774
TOF Mult
BBC-S-East ADC Sum

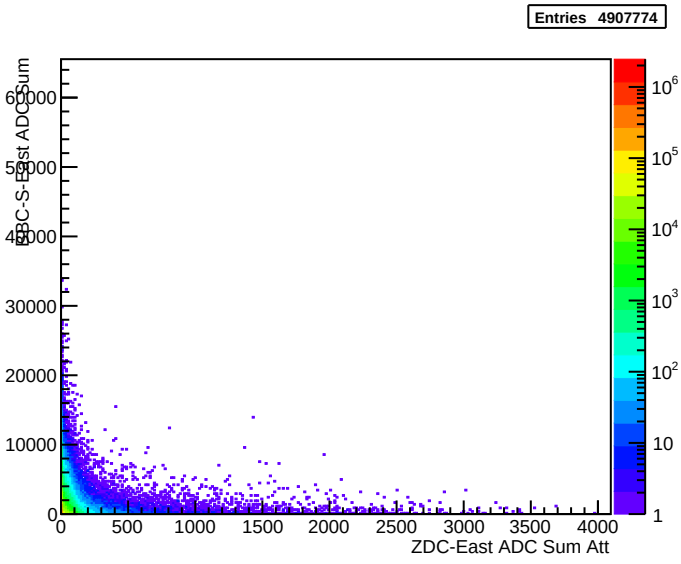

Entries 4907774
TOF Mult
BBC-S-West ADC Sum

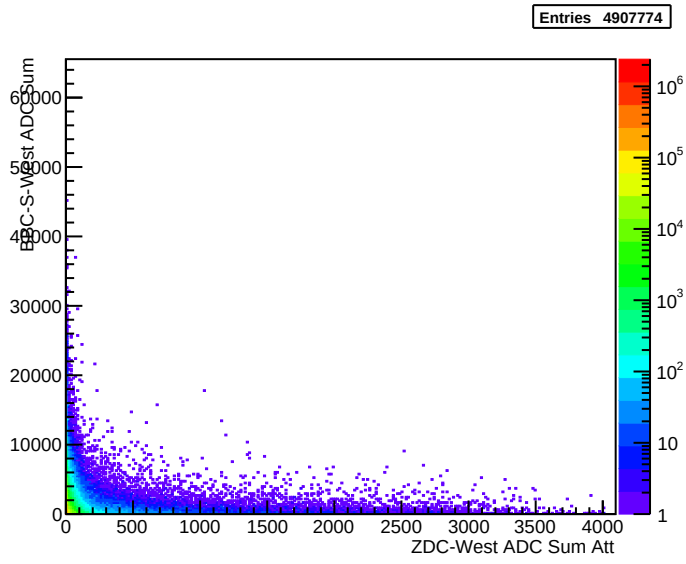

Entries 4907774
TOF Mult
VPD-East ADC Sum

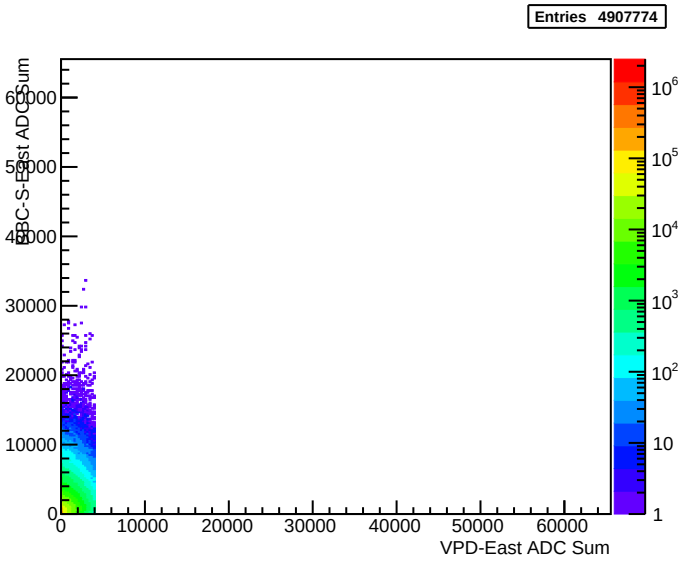

Entries 4907774
TOF Mult
VPD-West ADC Sum

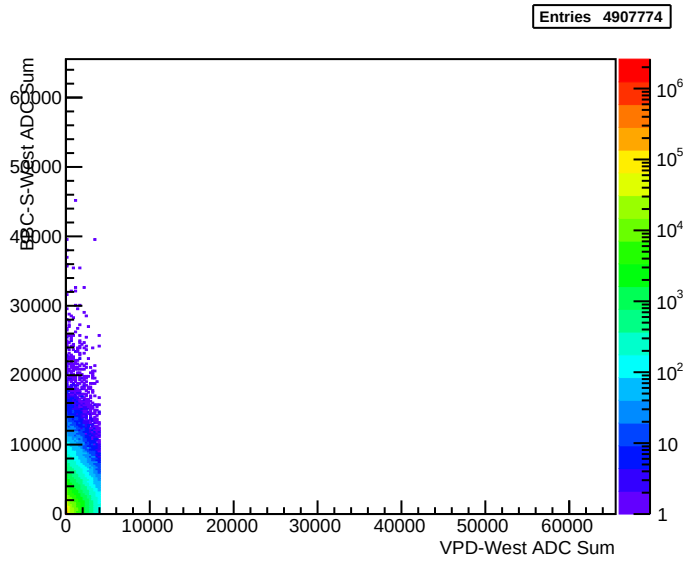

Entries 4907774
TOF Mult
ZDC-East ADC Sum Att

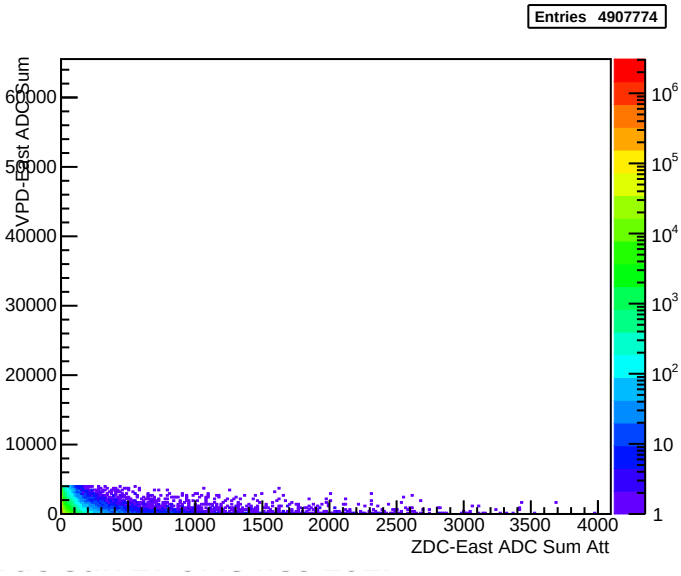

Entries 4907774
TOF Mult
ZDC-West ADC Sum Att

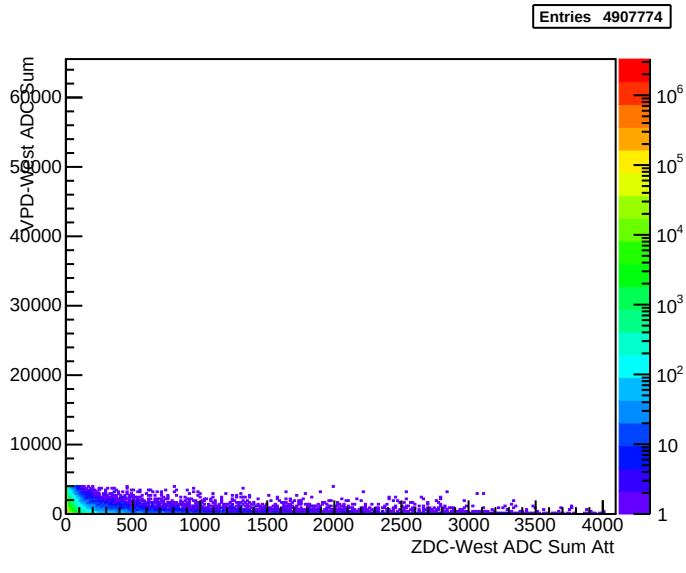

Entries 4907774
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

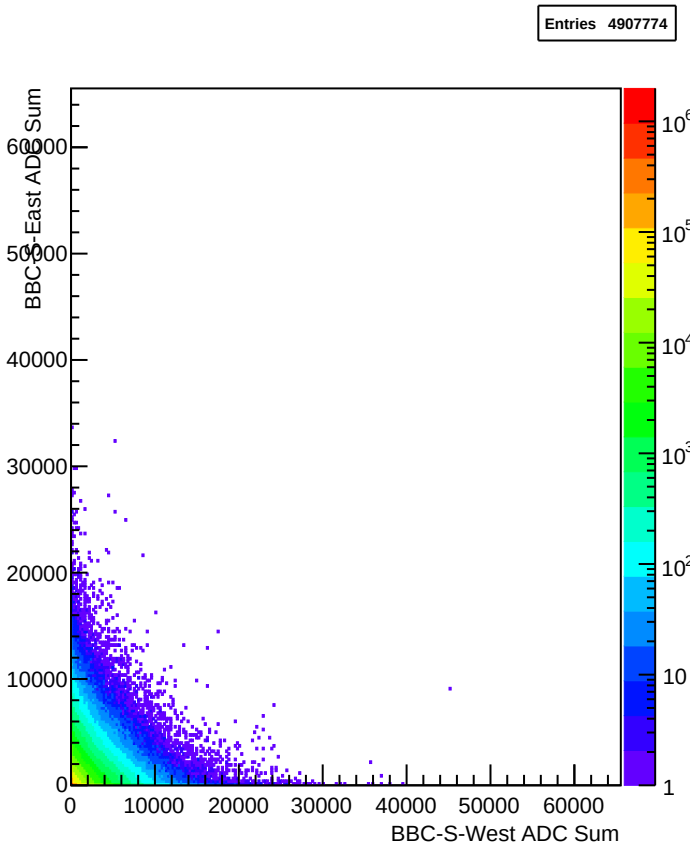

Entries 4907774
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

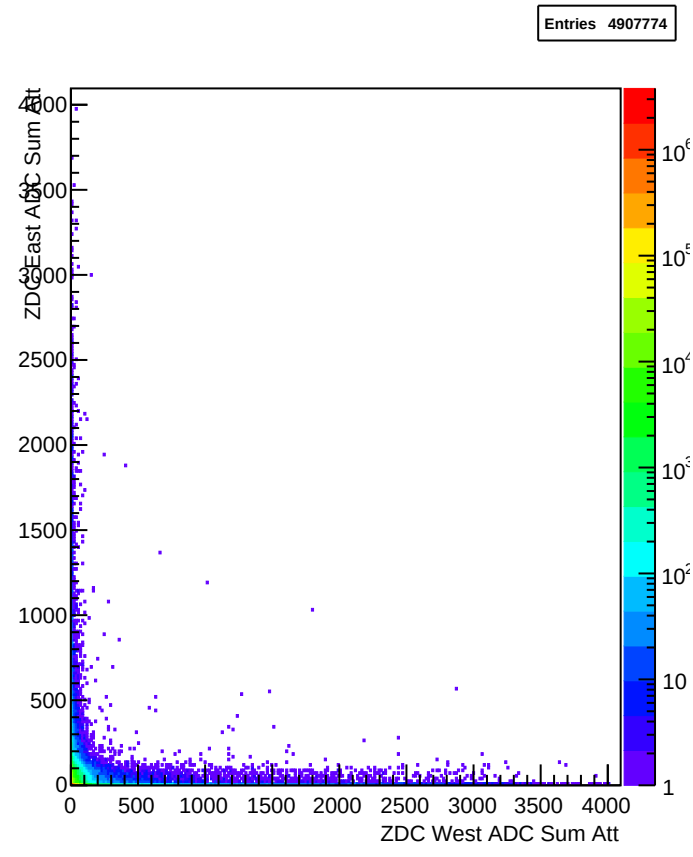

Entries 4907774
BBC-S-East ADC Sum
VPD-East ADC Sum

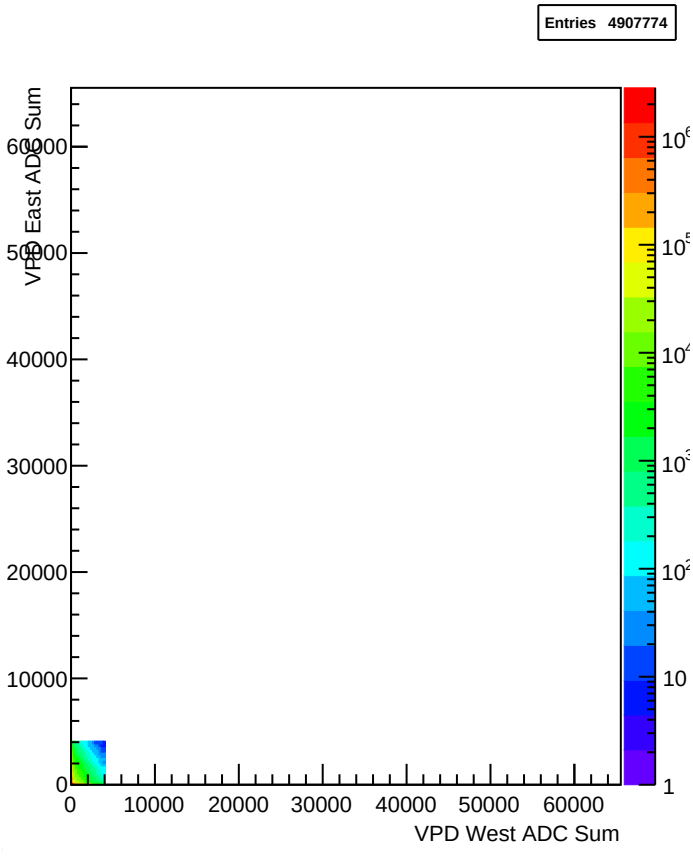

Entries 4907774
BBC-S-West ADC Sum
VPD-West ADC Sum

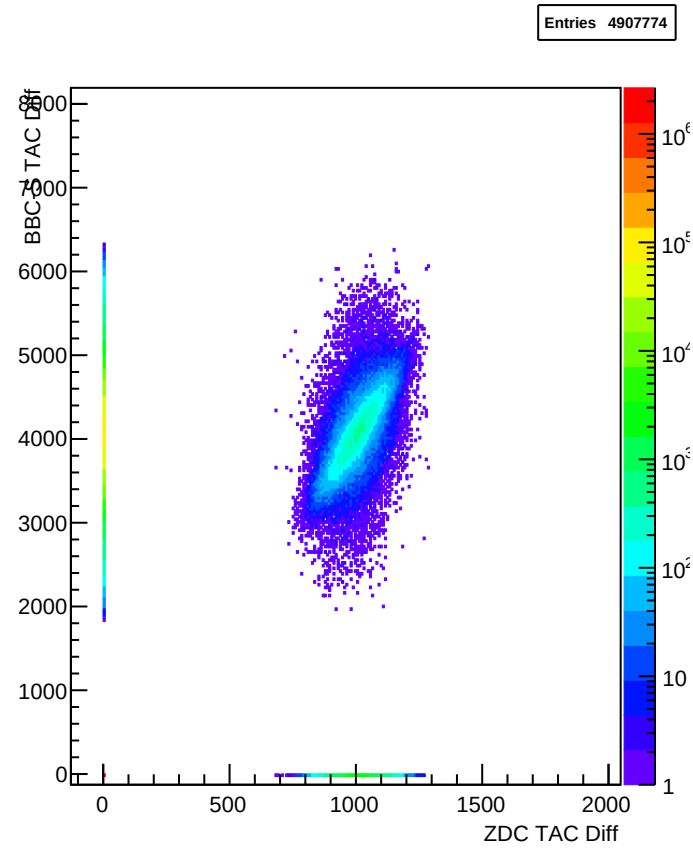

Entries 4907774
VPD-East ADC Sum
ZDC-East ADC Sum Att

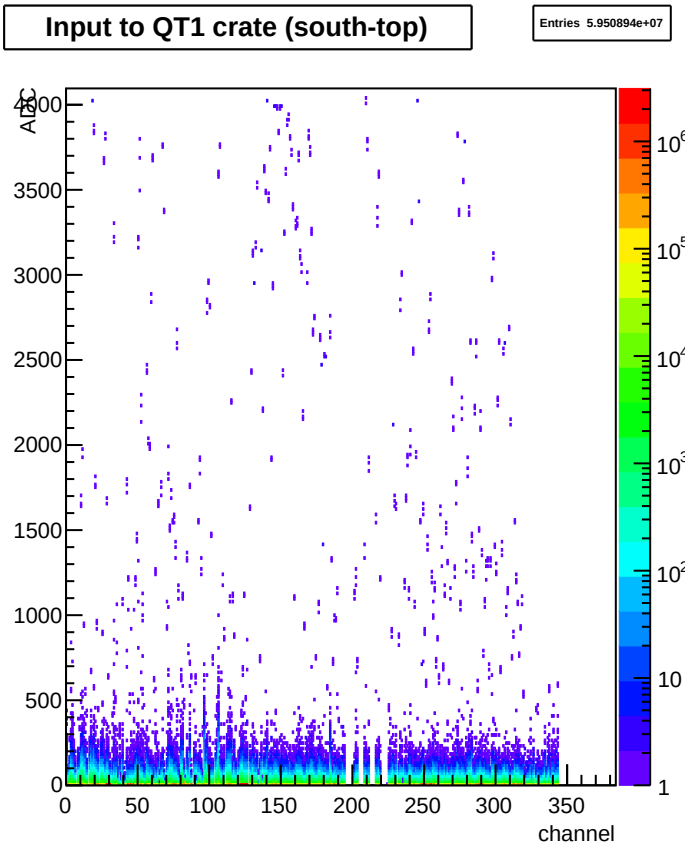

Entries 4907774
VPD-West ADC Sum
ZDC-West ADC Sum Att

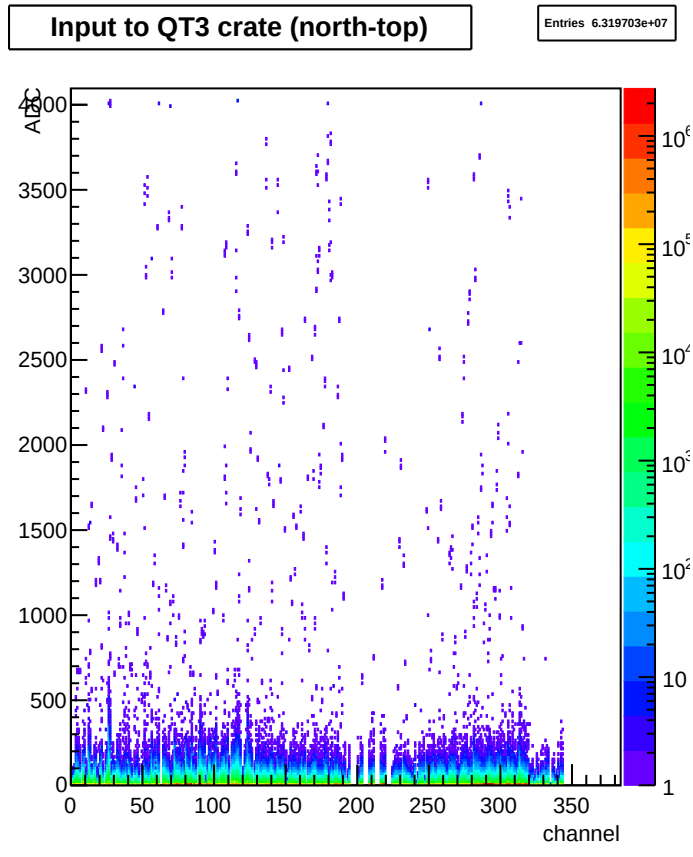

Entries 4907774
BBC-S-East ADC Sum
BBC-S-West ADC Sum

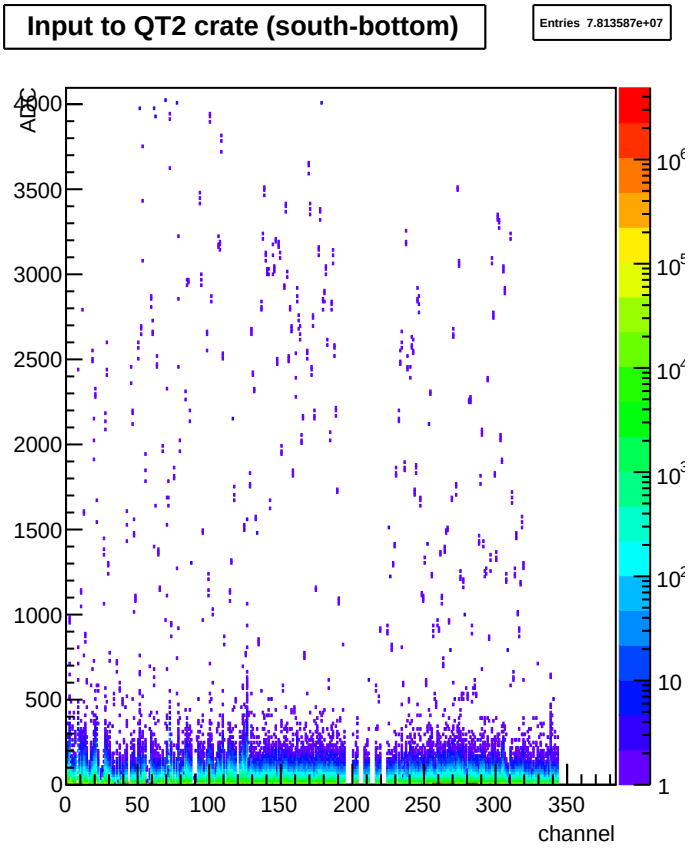

Entries 4907774
ZDC East ADC Sum Att
ZDC West ADC Sum Att

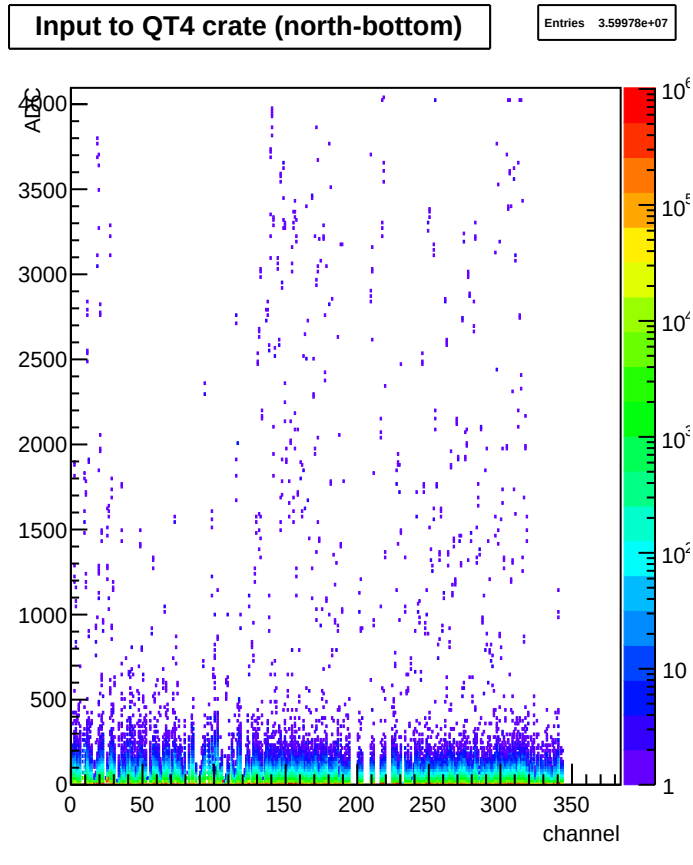

Entries 4907774
VPD East ADC Sum
VPD West ADC Sum

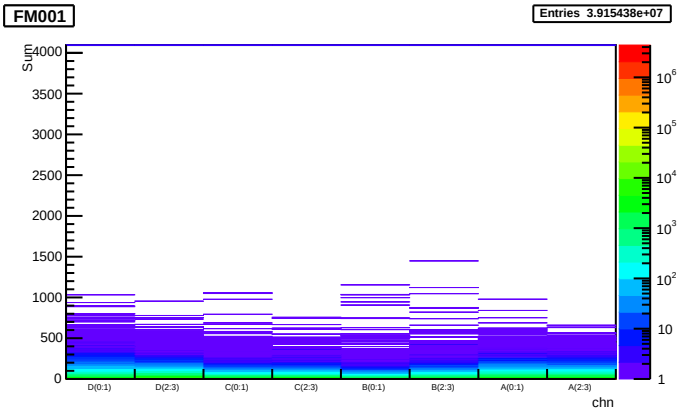

Entries 4907774
BBC-S TAC Diff
ZDC TAC Diff

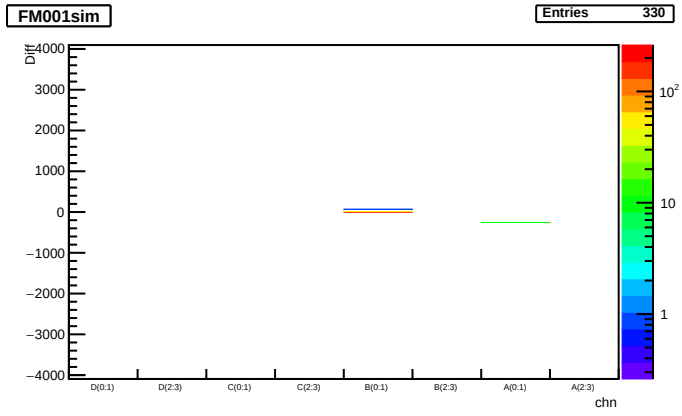

Input to QT1 crate (south-top)
Entries 5.950894e+07
ADC
channel

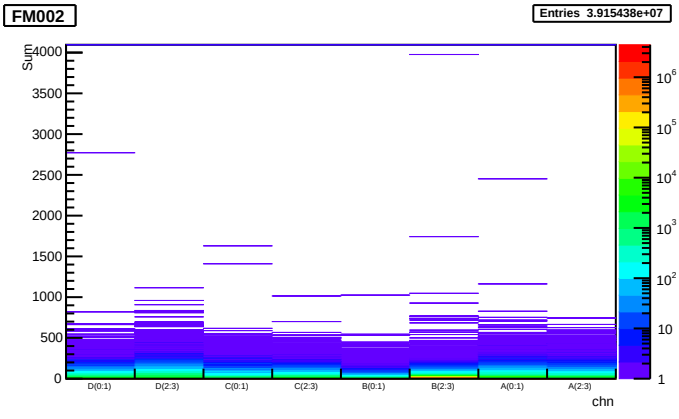

Input to QT3 crate (north-top)
Entries 6.319703e+07
ADC
channel

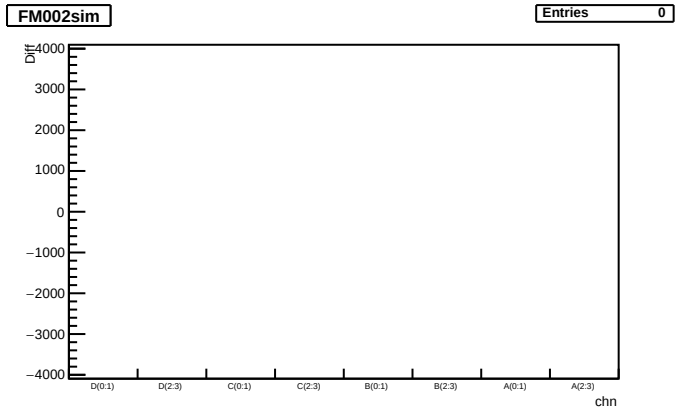

Input to QT2 crate (south-bottom)
Entries 7.813587e+07
ADC
channel

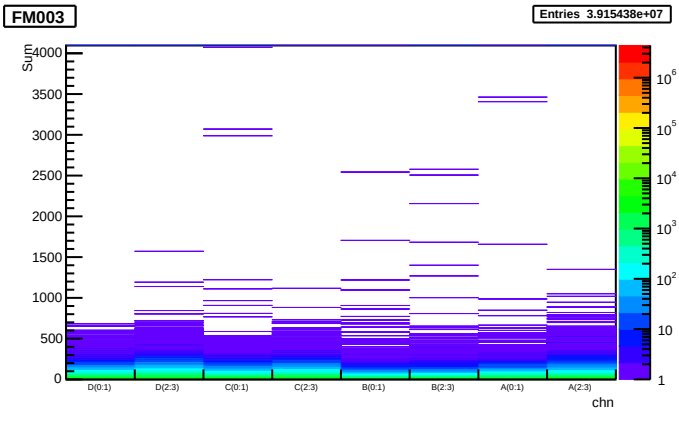

Input to QT4 crate (north-bottom)
Entries 3.59978e+07
ADC
channel

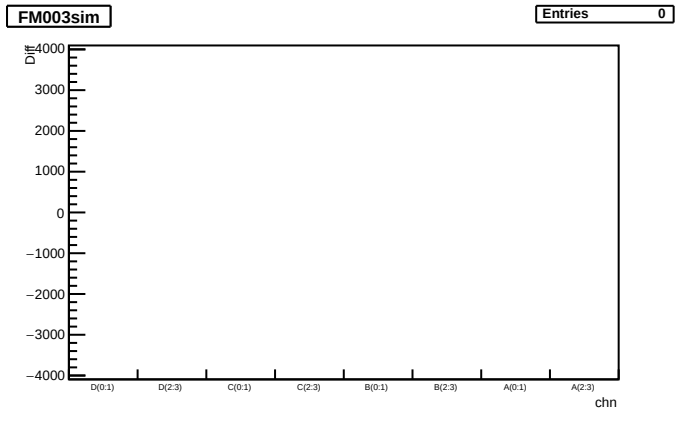

FM001
Entries 3.915438e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

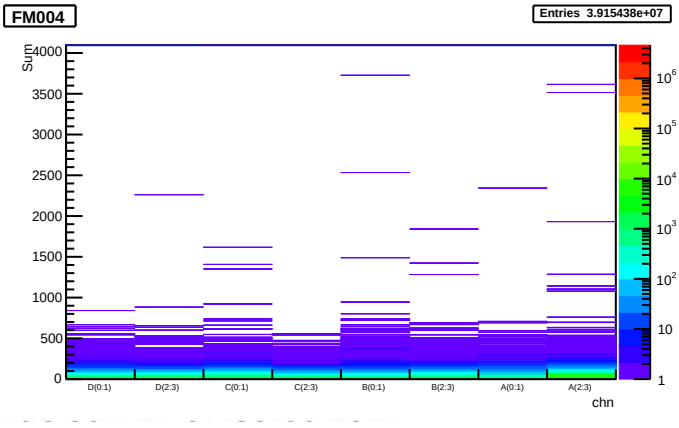

FM001sim
Entries 330
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

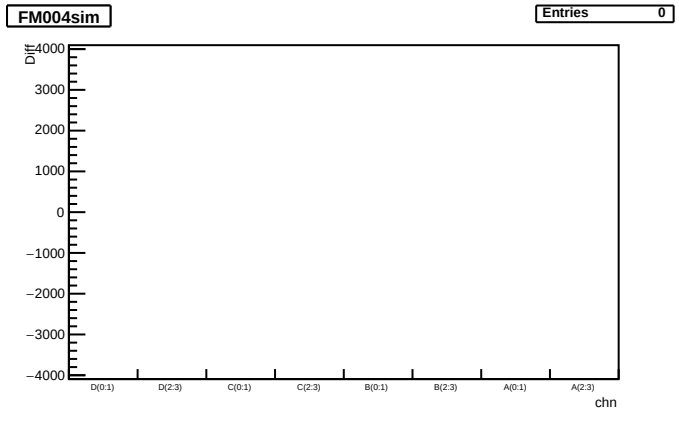

FM002
Entries 3.915438e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

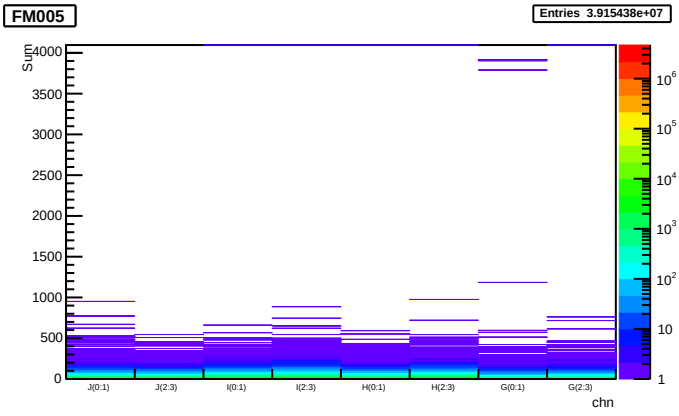

FM002sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

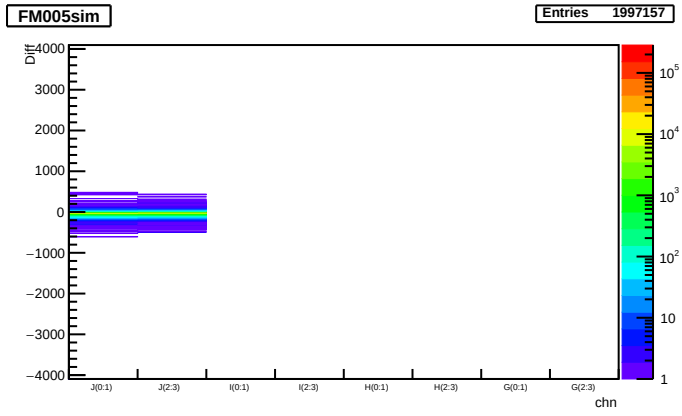

FM003
Entries 3.915438e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

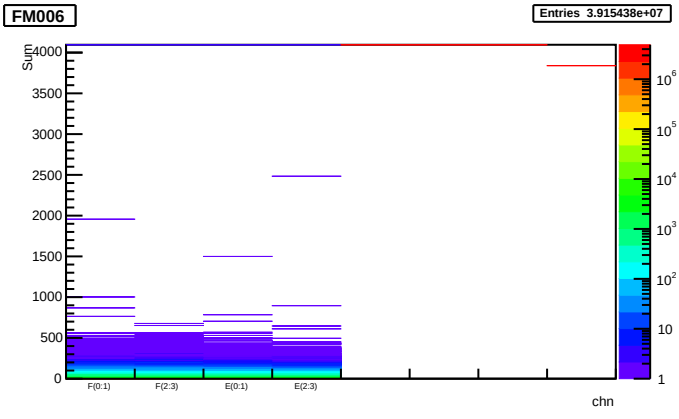

FM003sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

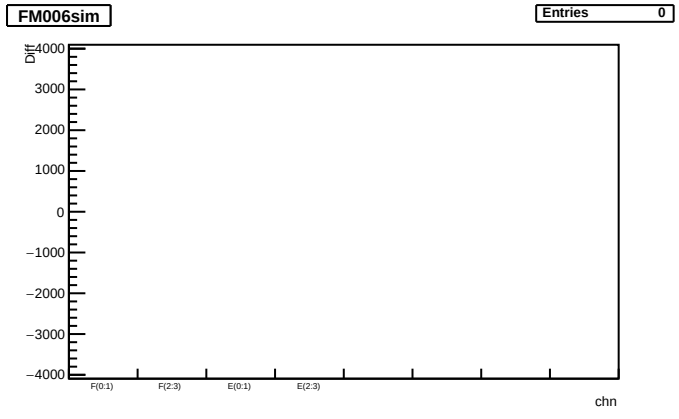

FM004
Entries 3.915438e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

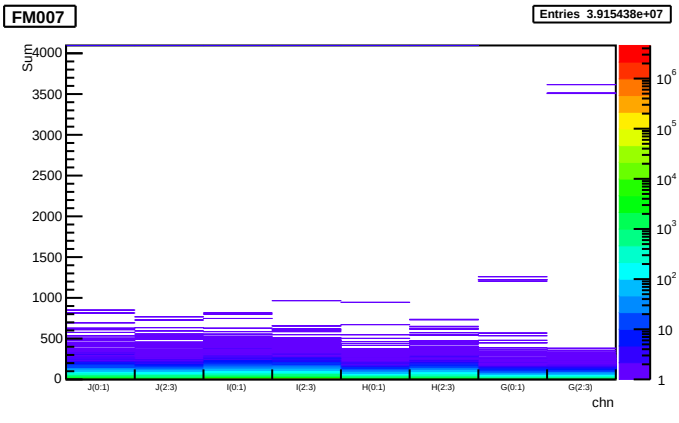

FM004sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

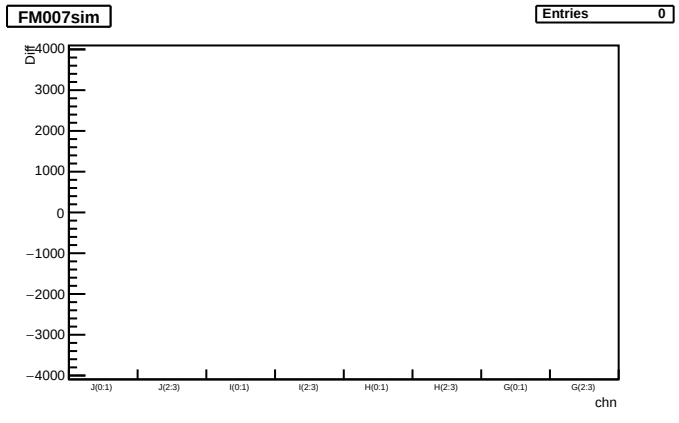

FM005
Entries 3.915438e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

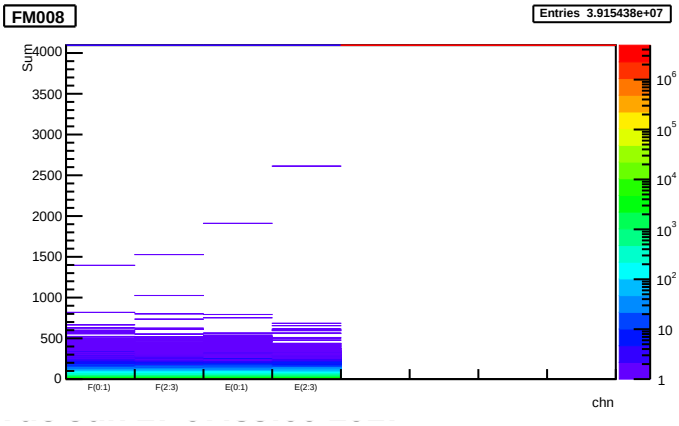

FM005sim
Entries 1997157
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

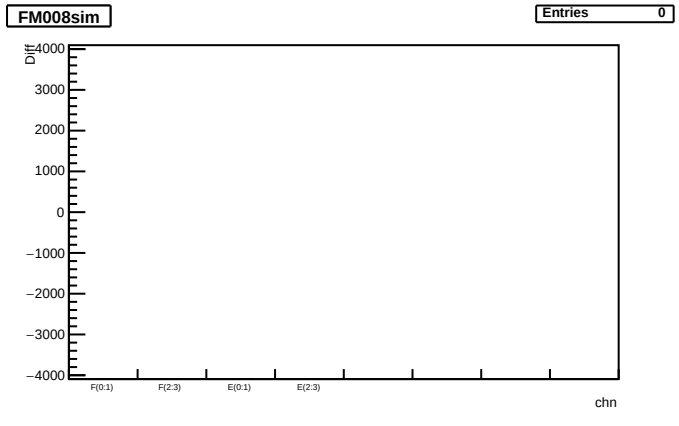

FM006
Entries 3.915438e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

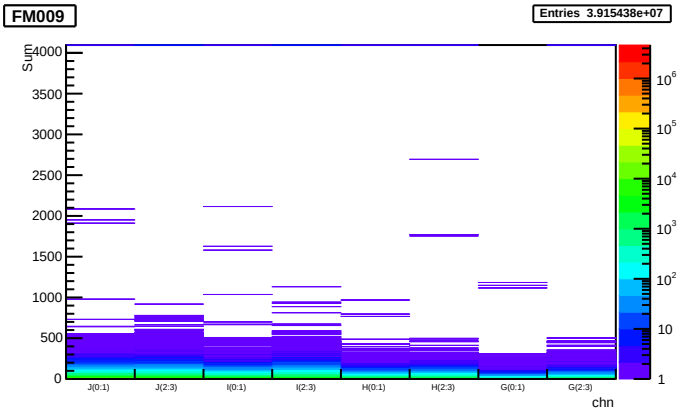

FM006sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

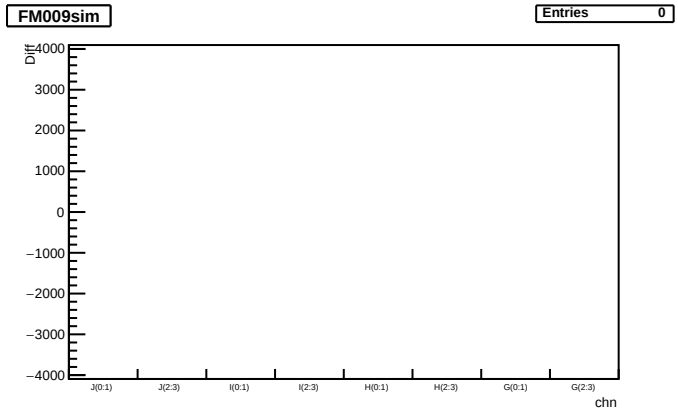

FM007
Entries 3.915438e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

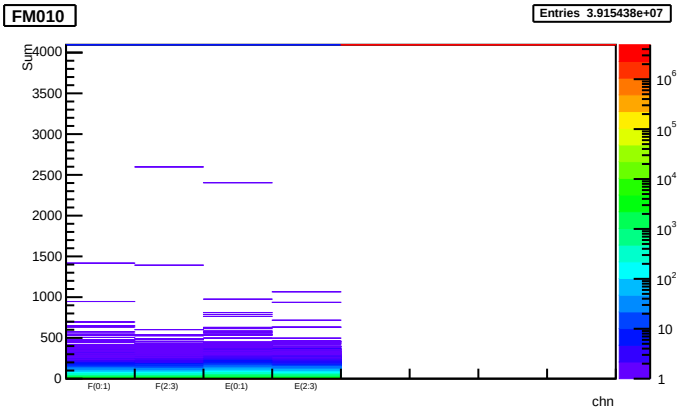

FM007sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

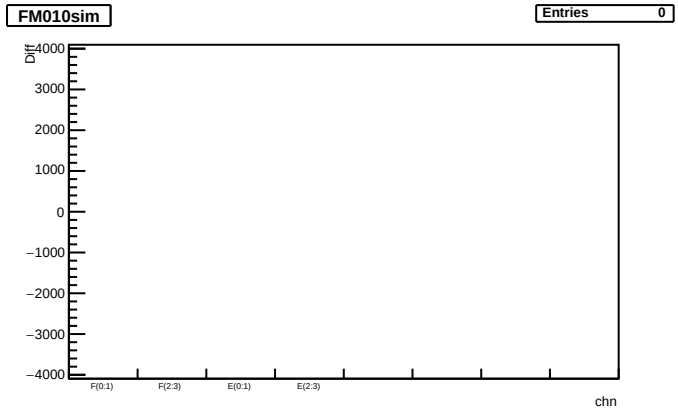

FM008
Entries 3.915438e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

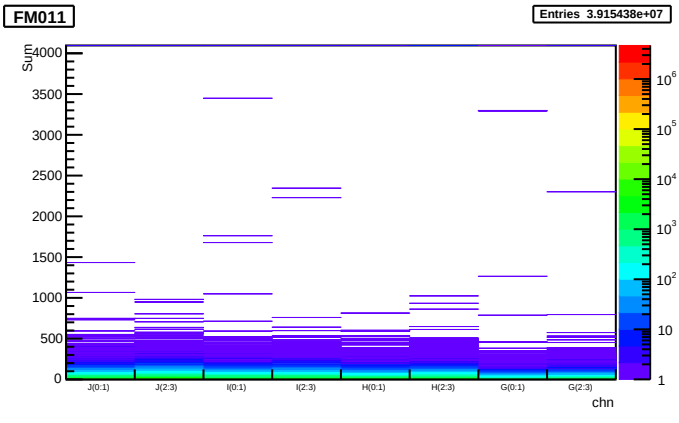

FM008sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

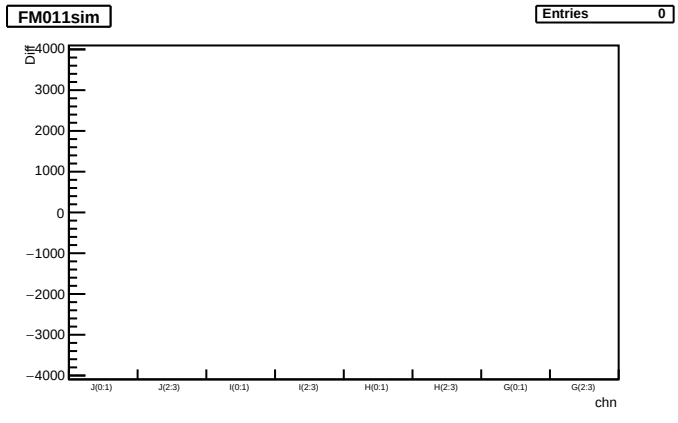

FM009
Entries 3.915438e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

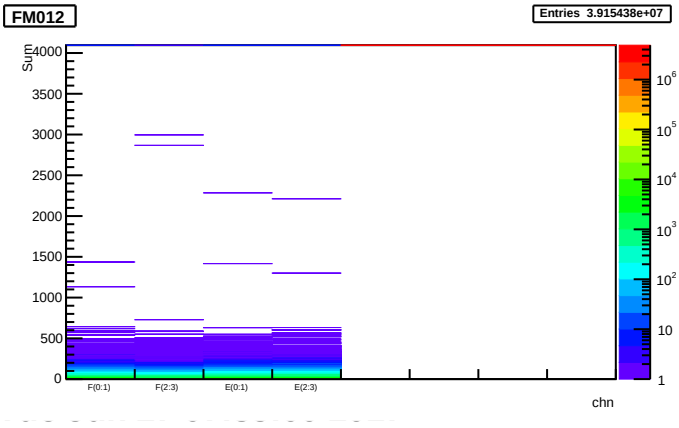

FM009sim
Entries 0
Diff
chn

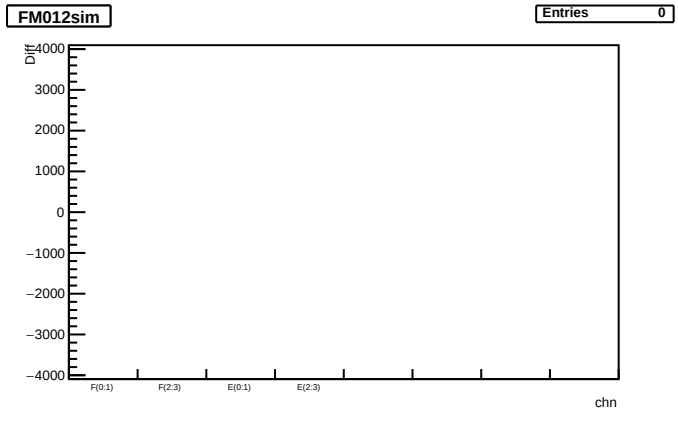

FM010
Entries 3.915438e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

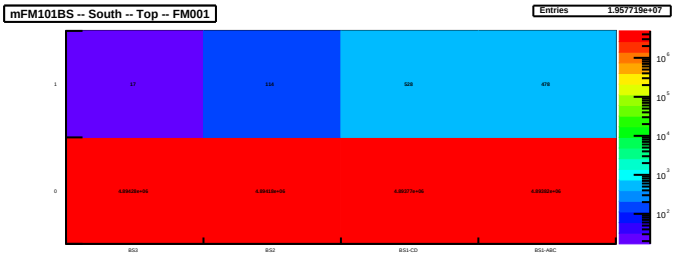

FM010sim
Entries 0
Diff
chn

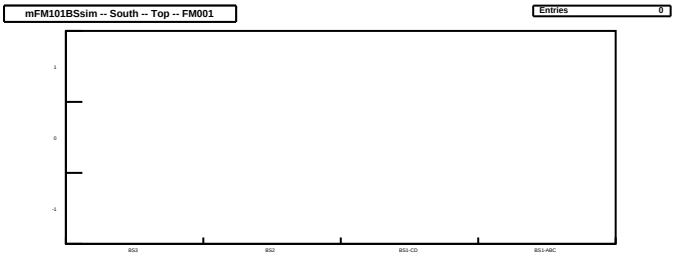

FM011
Entries 3.915438e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

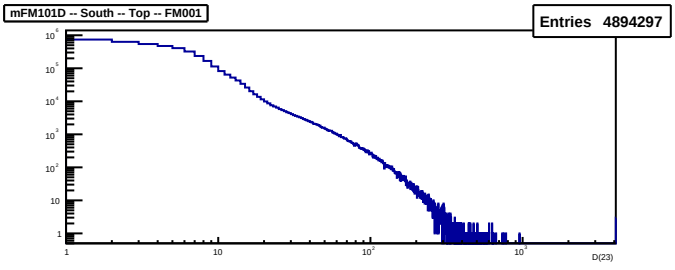

FM011sim
Entries 0
Diff
chn

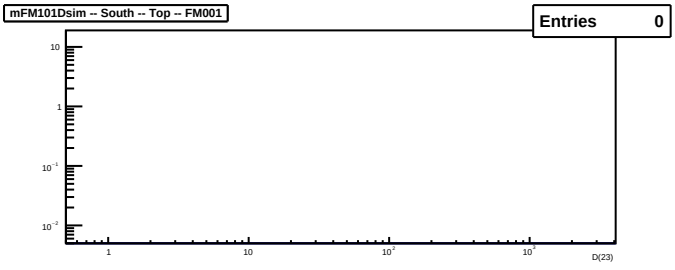

FM012
Entries 3.915438e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

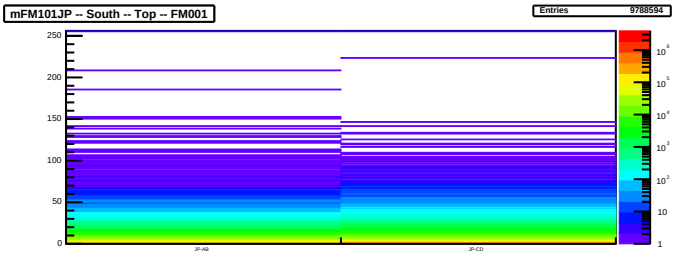

FM012sim
Entries 0
Diff
chn


mFM101BS -- South -- Top -- FM001
Entries 1.957719e+07
BS3
BS2
BS1-CD
BS1-ABC

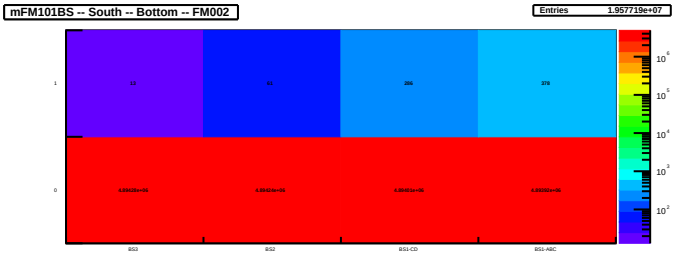

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

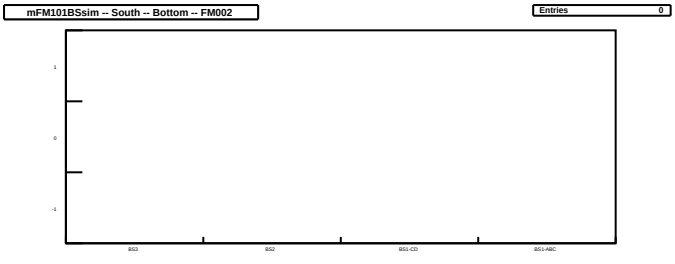

mFM101D -- South -- Top -- FM001
Entries 4894297
D(23)

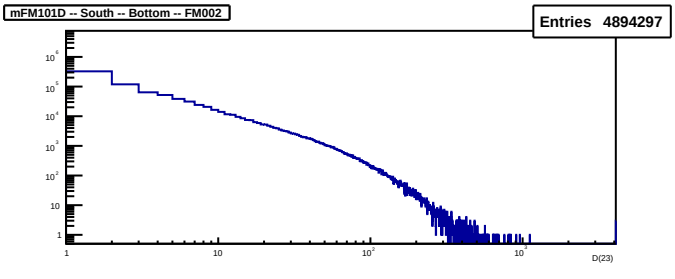

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

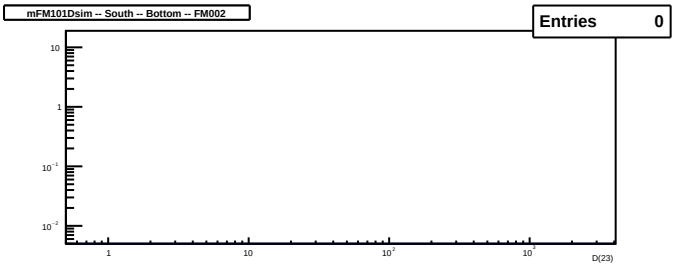

mFM101JP -- South -- Top -- FM001
Entries 9788594
JP-AB
JP-CD

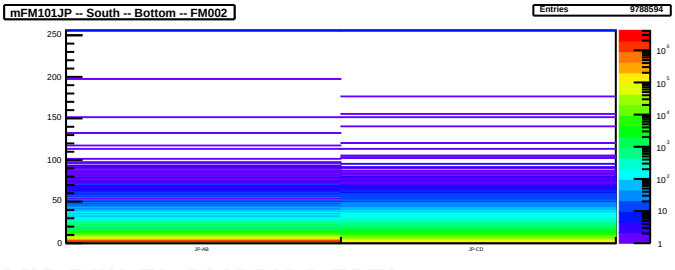
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

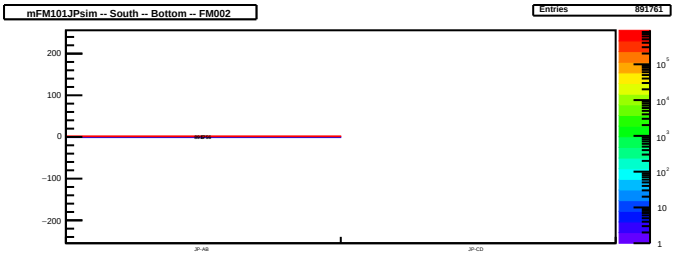

mFM101BS -- South -- Bottom -- FM002
Entries 1.957719e+07
BS3
BS2
BS1-CD
BS1-ABC

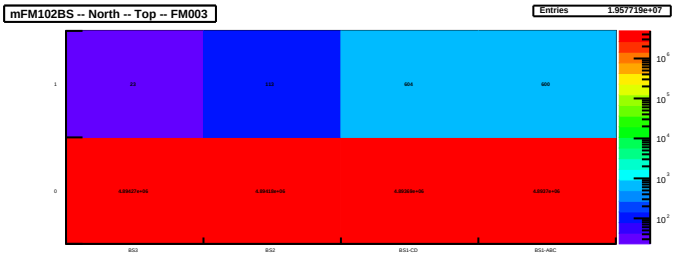

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM101D -- South -- Bottom -- FM002
Entries 4894297
D(23)

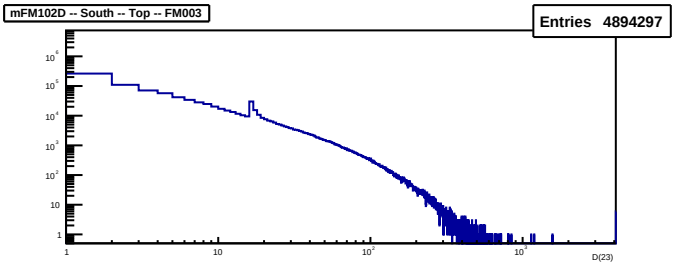

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

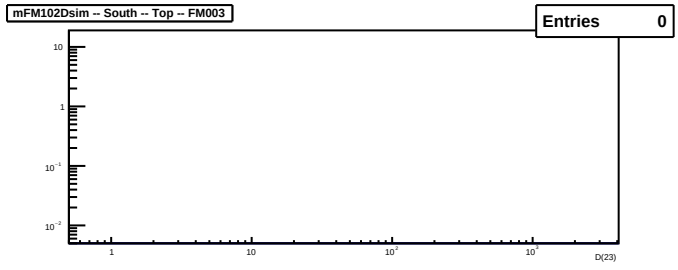

mFM101JP -- South -- Bottom -- FM002
Entries 9788594
JP-AB
JP-CD

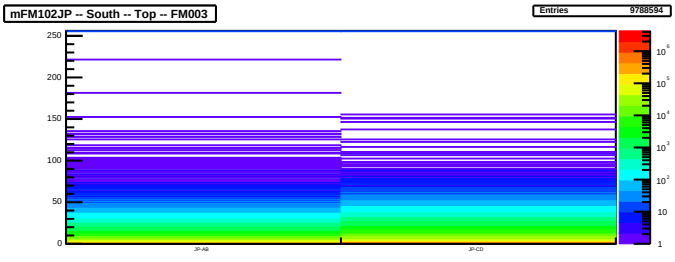

mFM101JPsim -- South -- Bottom -- FM002
Entries 891761
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.957719e+07
BS3
BS2
BS1-CD
BS1-ABC

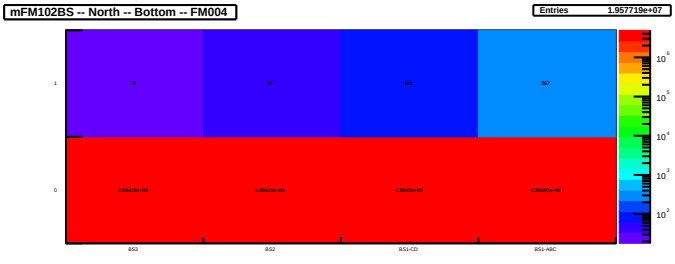
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM102D -- South -- Top -- FM003
Entries 4894297
D(23)

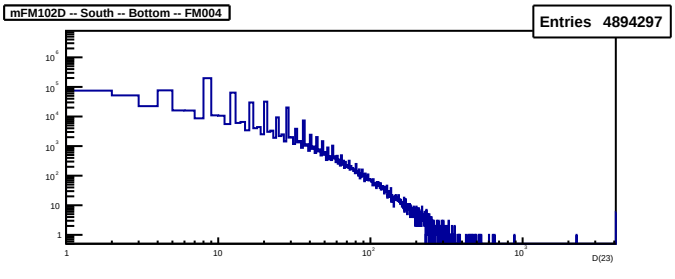

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

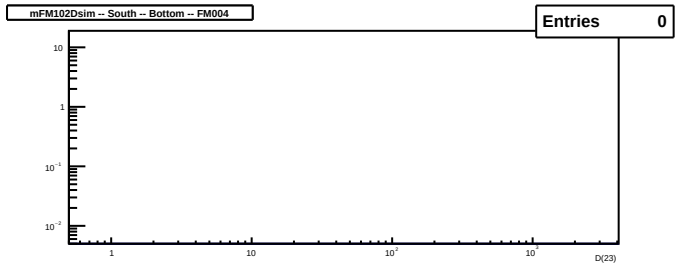

mFM102JP -- South -- Top -- FM003
Entries 9788594
JP-AB
JP-CD

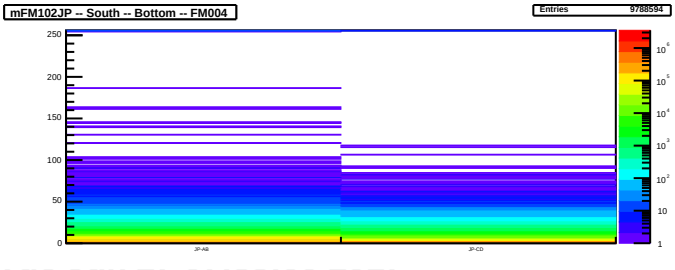
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

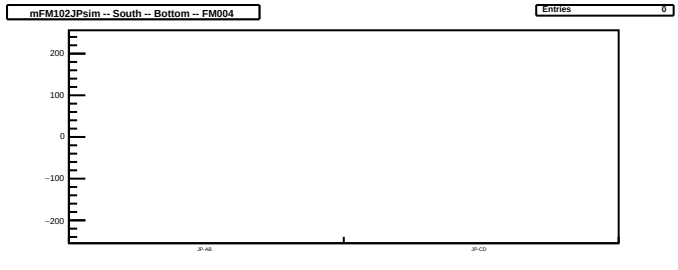

mFM102BS -- North -- Bottom -- FM004
Entries 1.957719e+07
BS3
BS2
BS1-CD
BS1-ABC

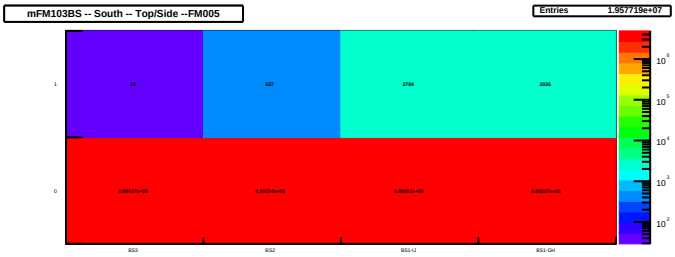
mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

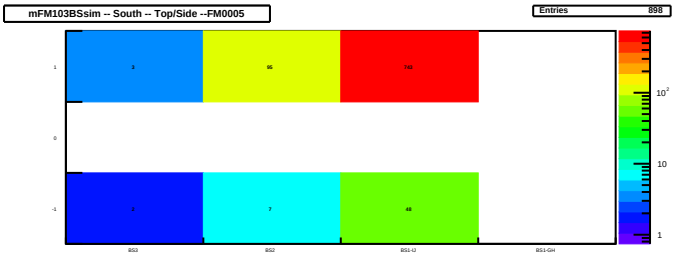

mFM102D -- South -- Bottom -- FM004
Entries 4894297
D(23)

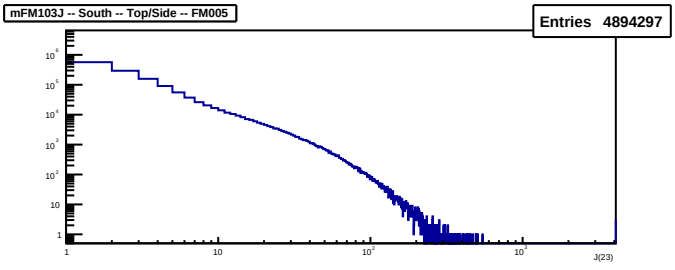

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

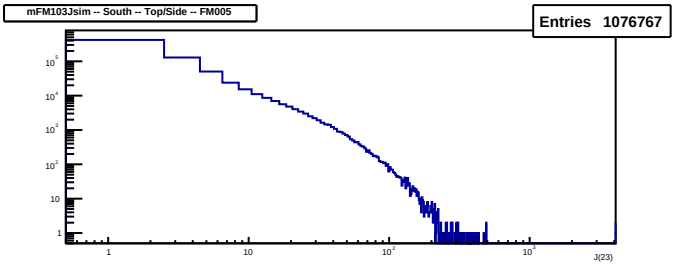

mFM102JP -- South -- Bottom -- FM004
Entries 9788594
JP-AB
JP-CD

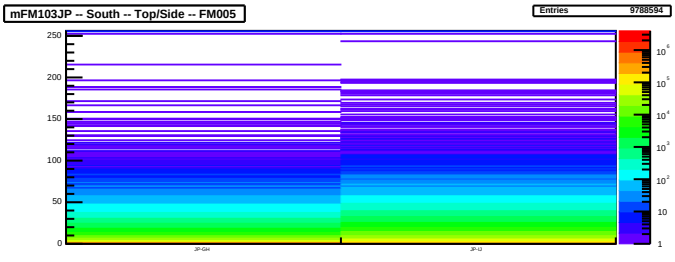

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

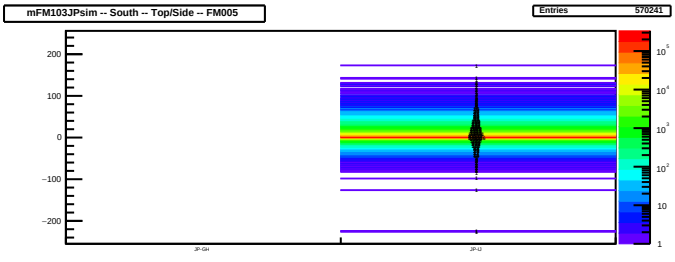

mFM103BS -- South -- Top/Side --FM005
Entries 1.957719e+07

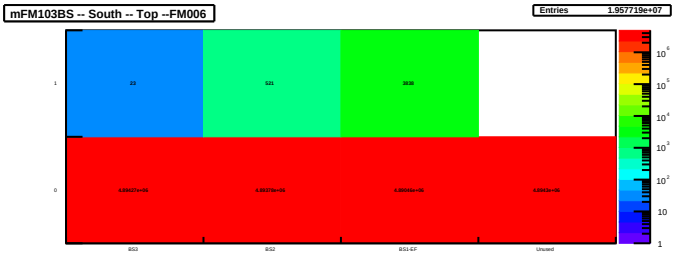

mFM103BSsim -- South -- Top/Side --FM0005
Entries 898

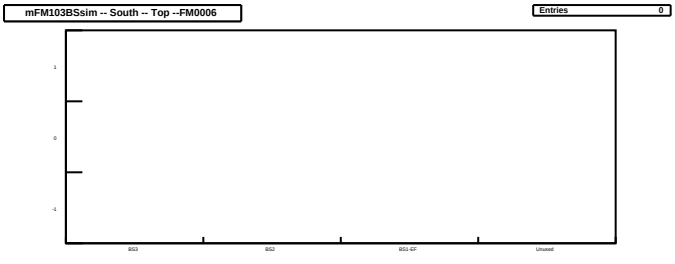

mFM103J -- South -- Top/Side -- FM005
Entries 4894297
J(23)

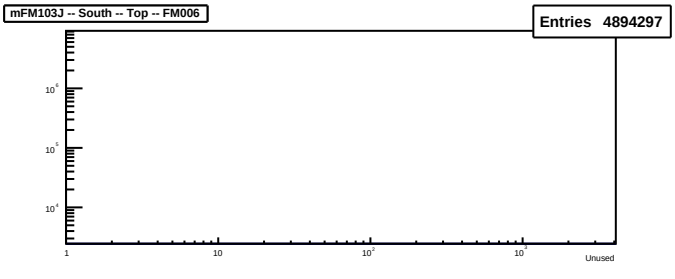

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1076767
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 9788594


mFM103JPsim -- South -- Top/Side -- FM005
Entries 570241


mFM103BS -- South -- Top --FM006
Entries 1.957719e+07


mFM103BSsim -- South -- Top --FM0006
Entries 0


mFM103J -- South -- Top -- FM006
Entries 4894297
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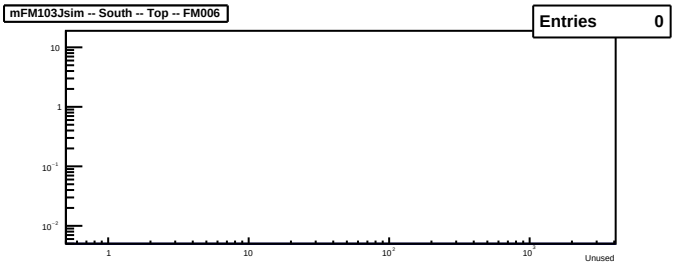
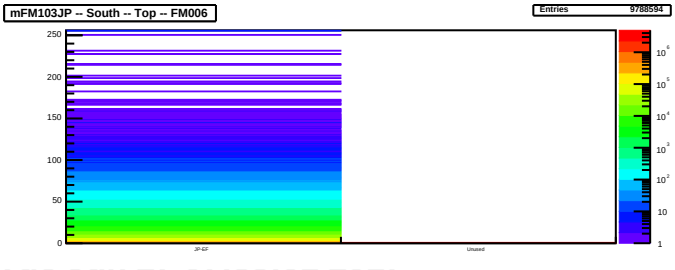
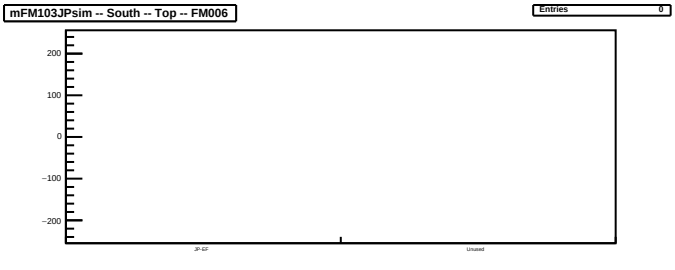
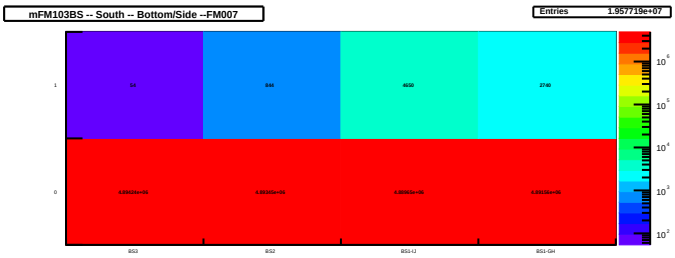
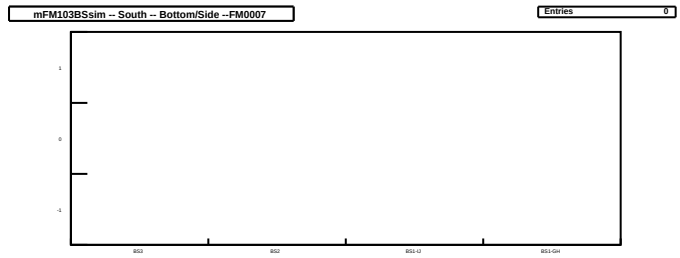
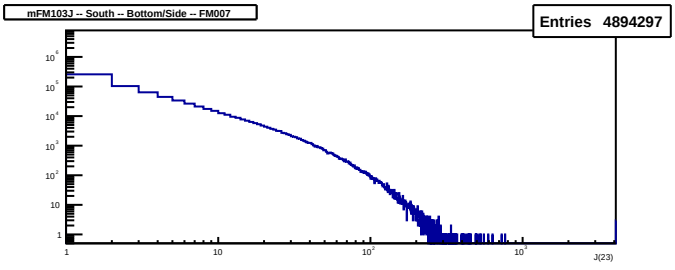

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

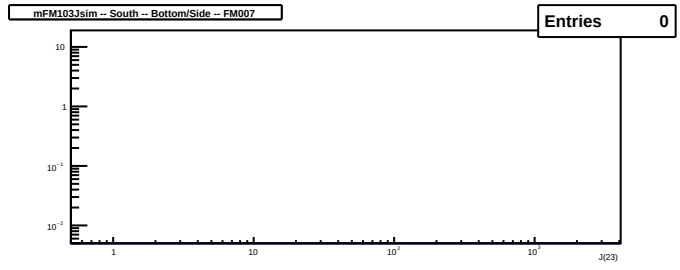

mFM103JP -- South -- Top -- FM006
Entries 9788594

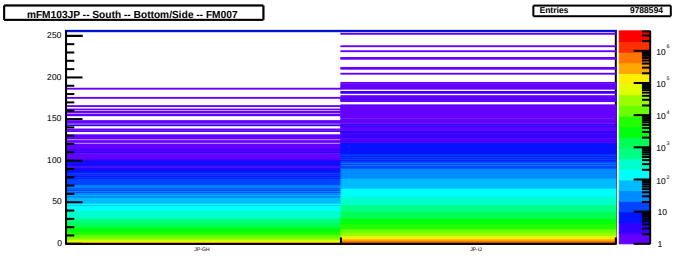

mFM103JPsim -- South -- Top -- FM006
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 1.957719e+07


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0


mFM103J -- South -- Bottom/Side -- FM007
Entries 4894297
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)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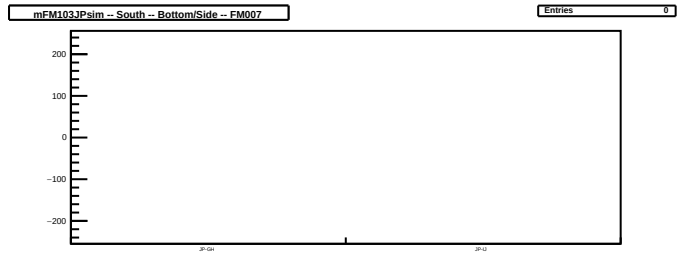
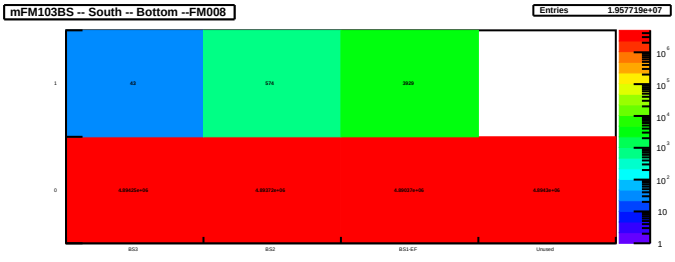
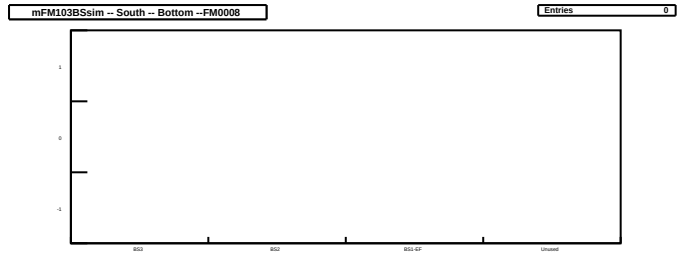
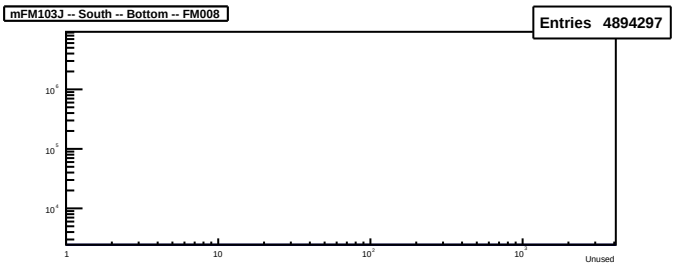
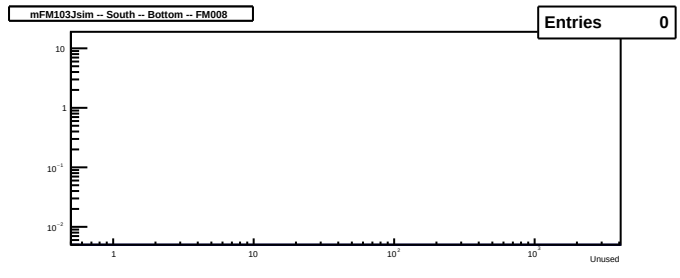
Entries 9788594

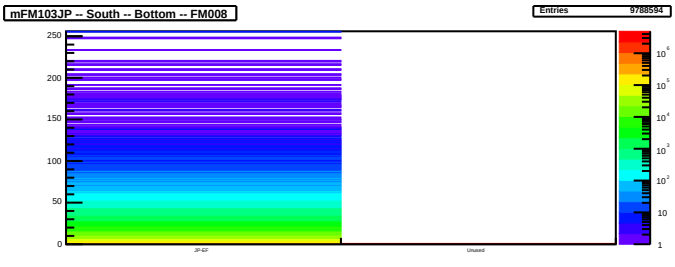

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 1.957719e+07

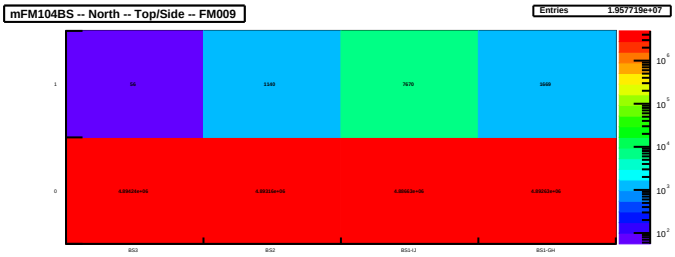

mFM103BSsim -- South -- Bottom --FM0008
Entries 0

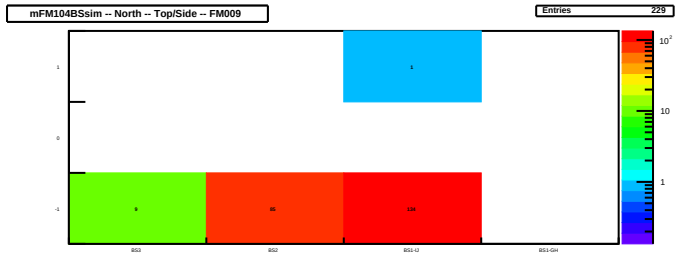

mFM103J -- South -- Bottom -- FM008
Entries 4894297
Unused


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


mFM103JP -- South -- Bottom -- FM008
Entries 9788594

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


mFM104BS -- North -- Top/Side -- FM009
Entries 1.957719e+07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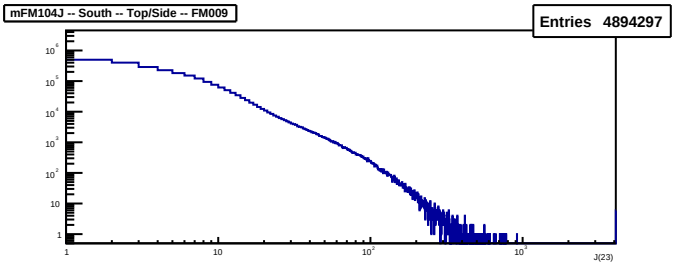
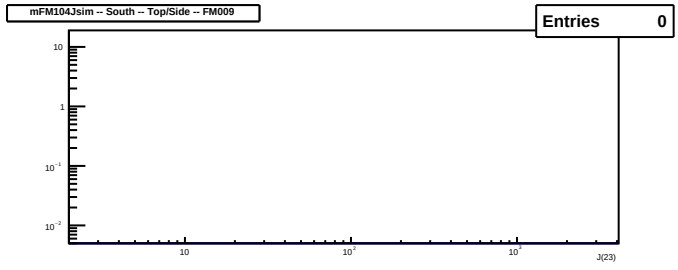
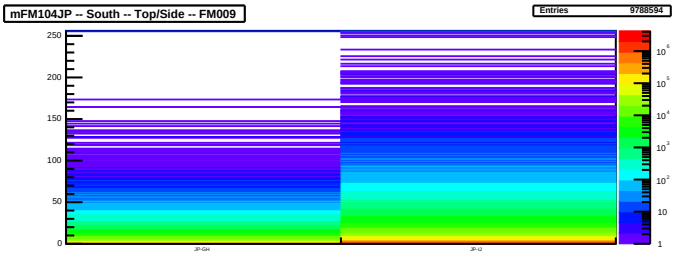
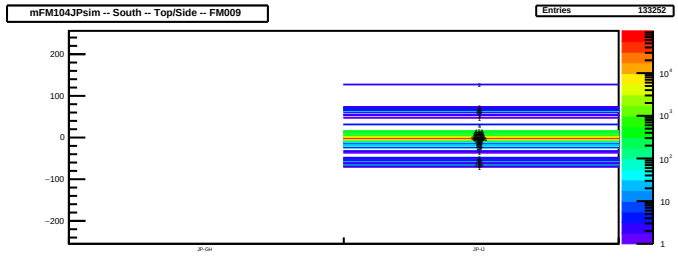
Entries 229


mFM104J -- South -- Top/Side -- FM009
Entries 4894297
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 9788594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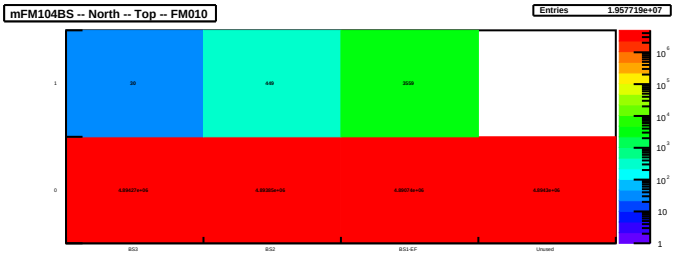
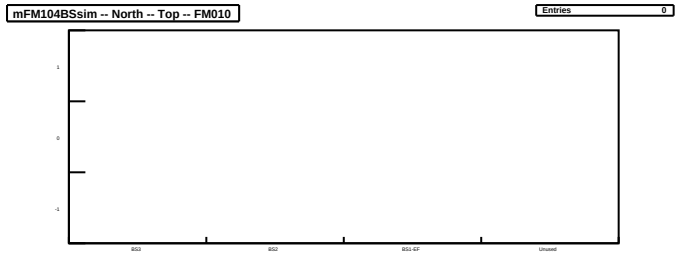
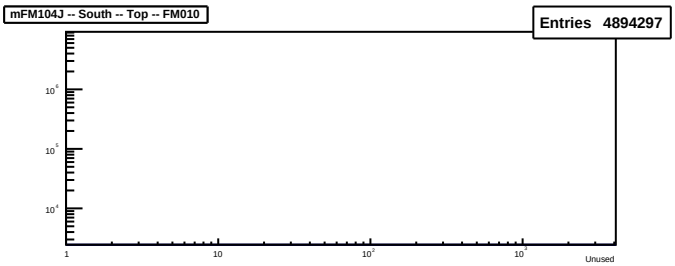
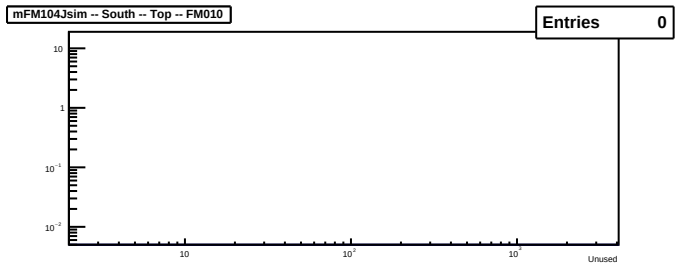
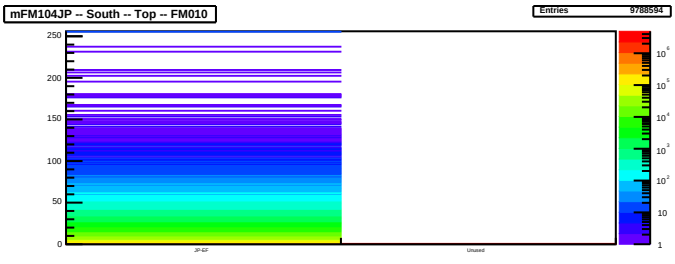
Entries 133252


mFM104BS -- North -- Top -- FM010
Entries 1.957719e+07

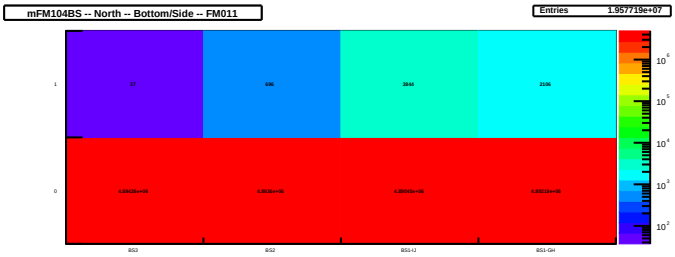

mFM104BSsim -- North -- Top -- FM010
Entries 0

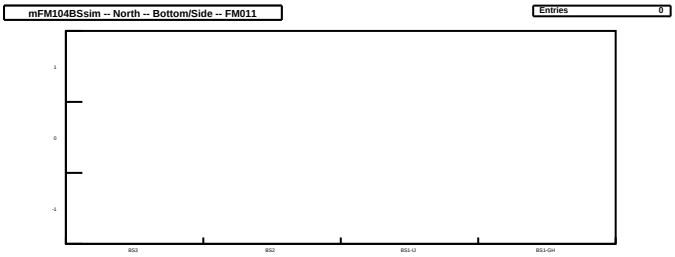

mFM104J -- South -- Top -- FM010
Entries 4894297
Unused

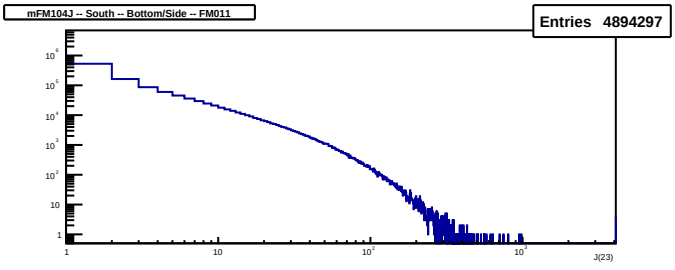

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

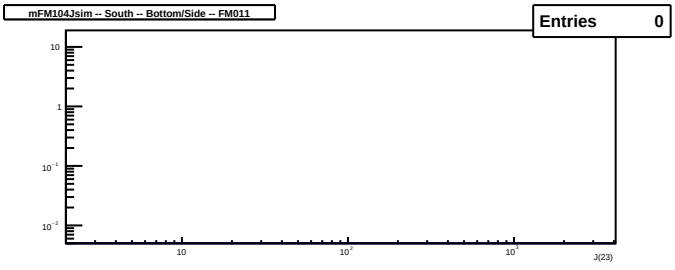

mFM104JP -- South -- Top -- FM010
Entries 9788594

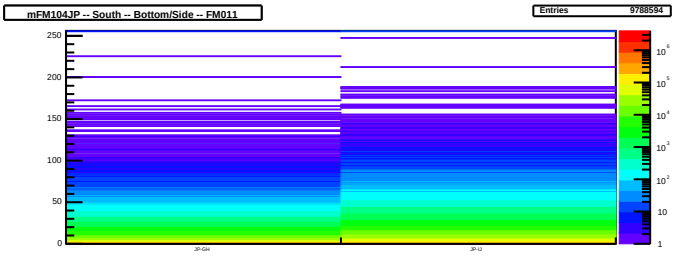
mFM104JPsim -- South -- Top -- FM010
Entries 0

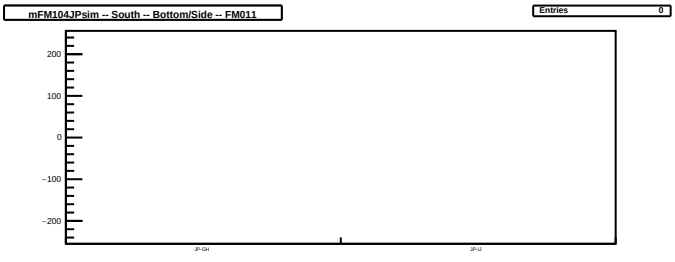

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.957719e+07
BS3
BS2
BS1-U
BS1-GH

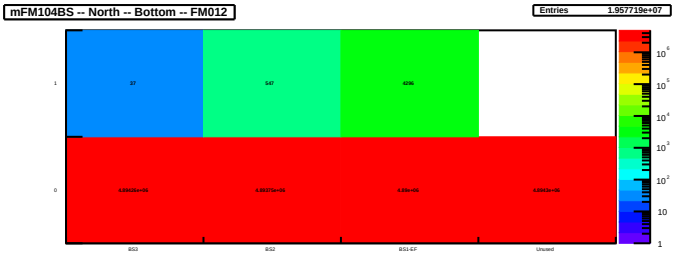

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1-U
BS1-GH

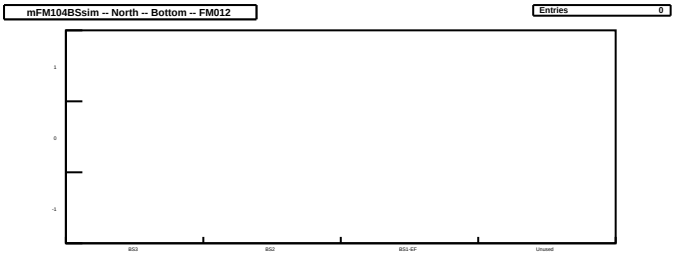

mFM104J -- South -- Bottom/Side -- FM011
Entries 4894297
J(23)

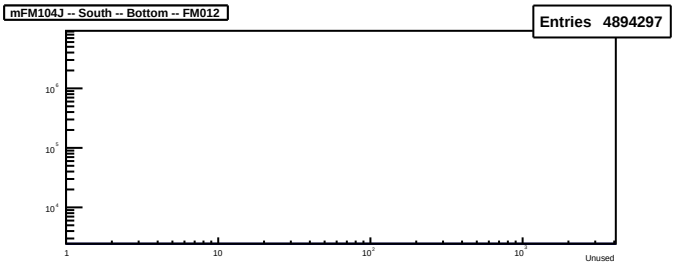

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

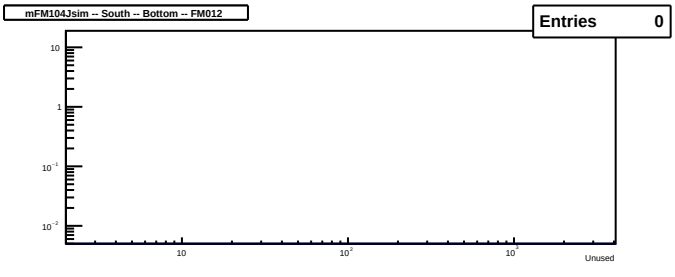

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9788594
JP-GH
JP-U

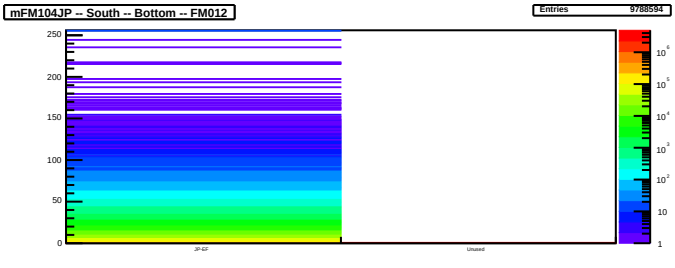

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Bottom -- FM012
Entries 1.957719e+07
BS3
BS2
BS1-EF
Unused

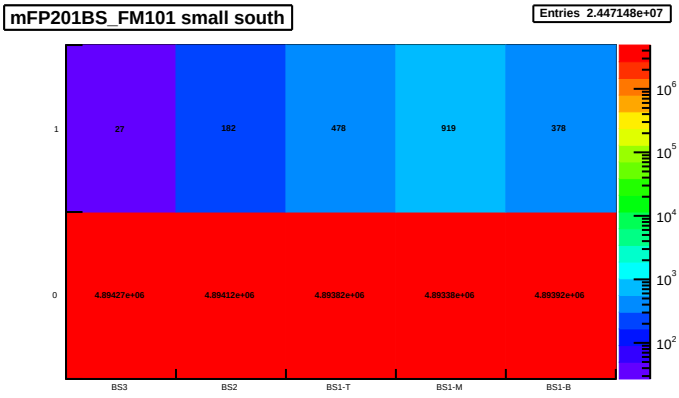

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-EF
Unused

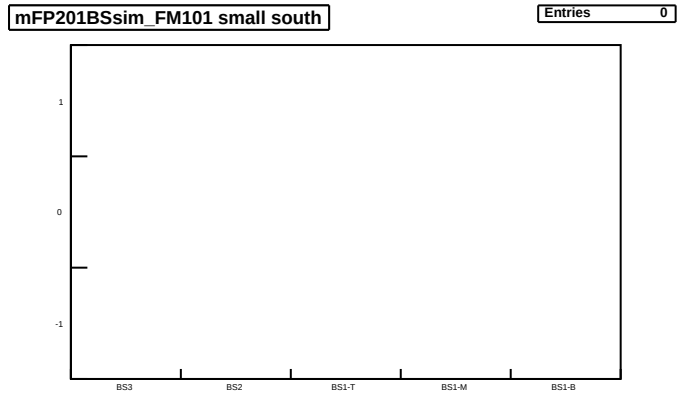

mFM104J -- South -- Bottom -- FM012
Entries 4894297
Unused

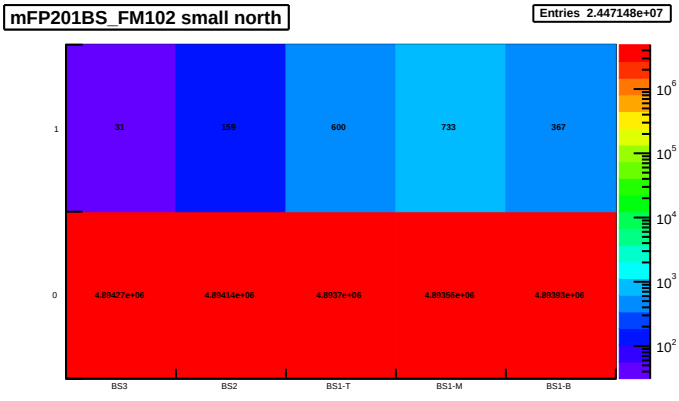

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

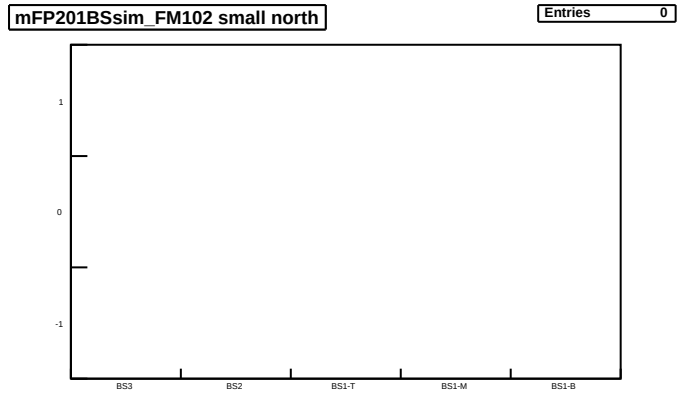

mFM104JP -- South -- Bottom -- FM012
Entries 9788594
JP-EF
Unused

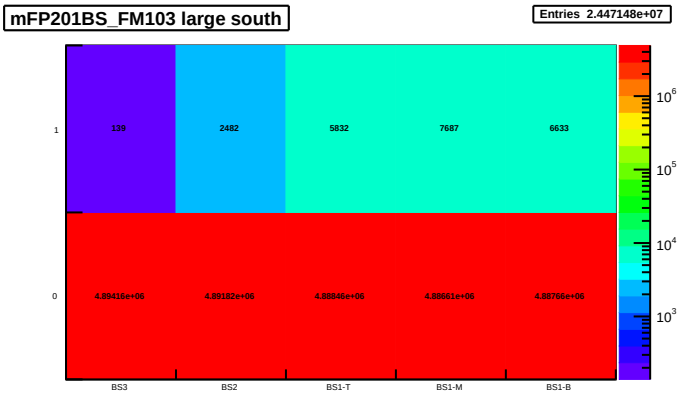
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

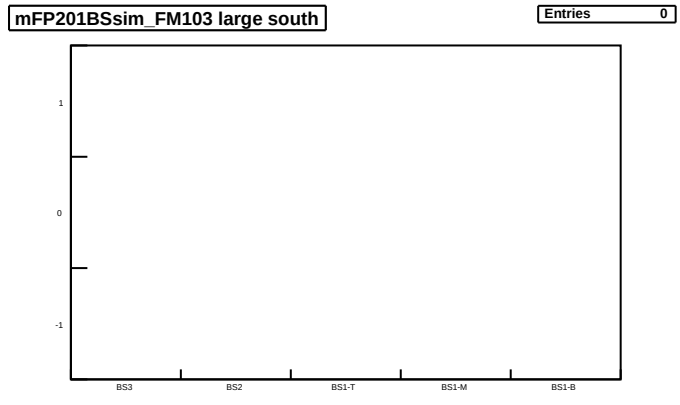

mFP201BS_FM101 small south
Entries 2.447148e+07
27
182
478
919
378
4.89427e+06
4.89412e+06
4.89382e+06
4.89338e+06
4.89392e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

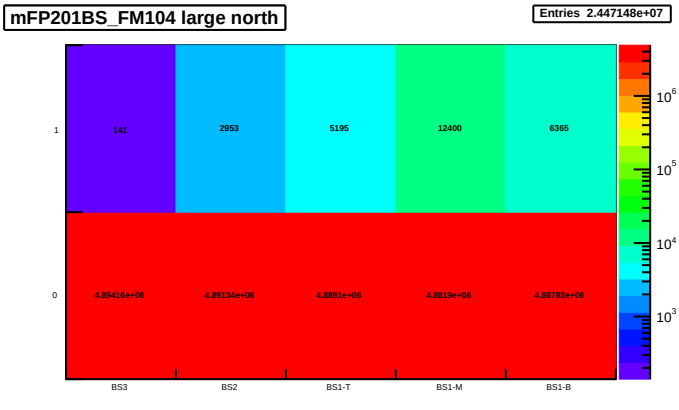

mFP201BSsim_FM101 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

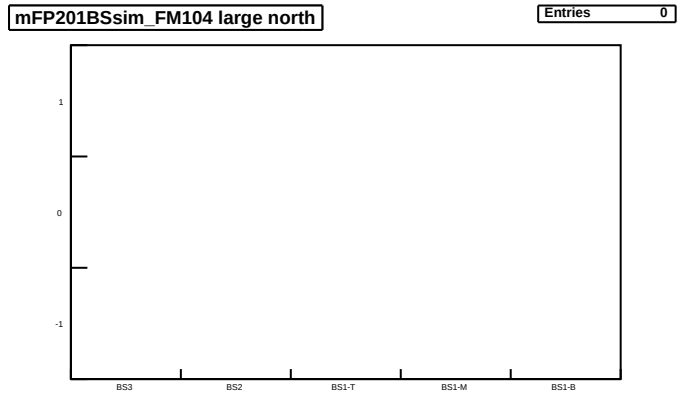

mFP201BS_FM102 small north
Entries 2.447148e+07
31
159
600
733
367
4.89427e+06
4.89414e+06
4.8937e+06
4.89356e+06
4.89393e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

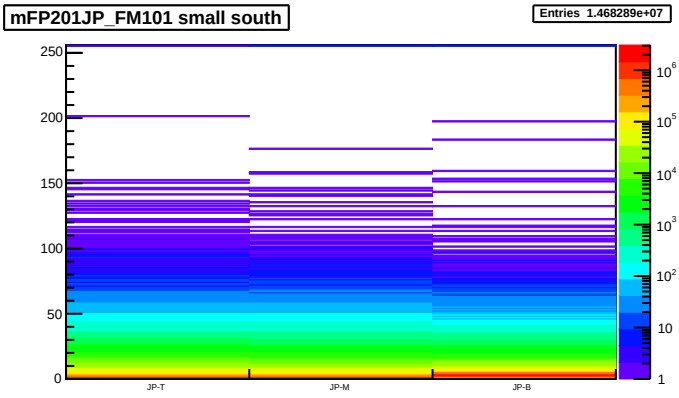

mFP201BSsim_FM102 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

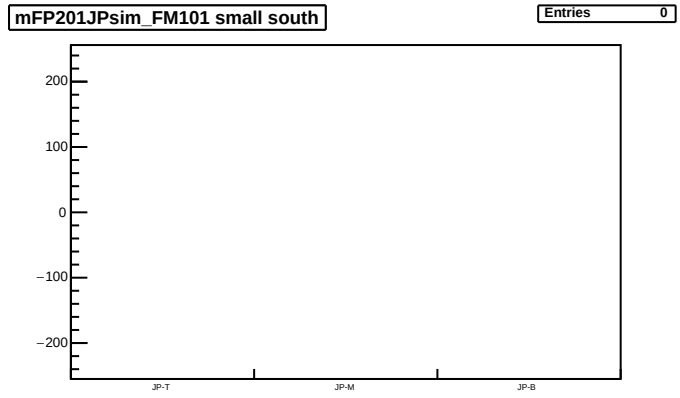

mFP201BS_FM103 large south
Entries 2.447148e+07
139
2482
5832
7687
6633
4.89416e+06
4.89182e+06
4.88846e+06
4.88661e+06
4.88766e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

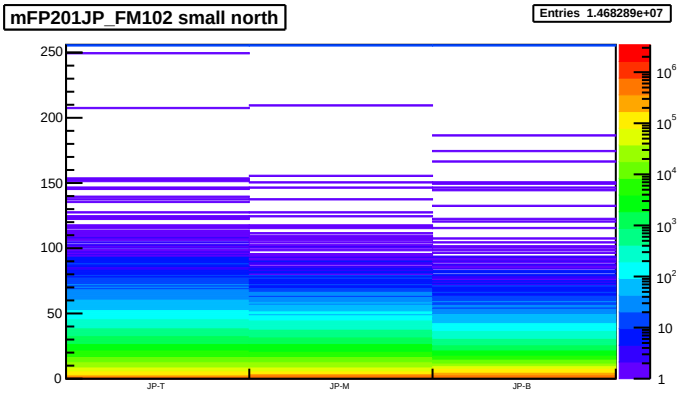

mFP201BSsim_FM103 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

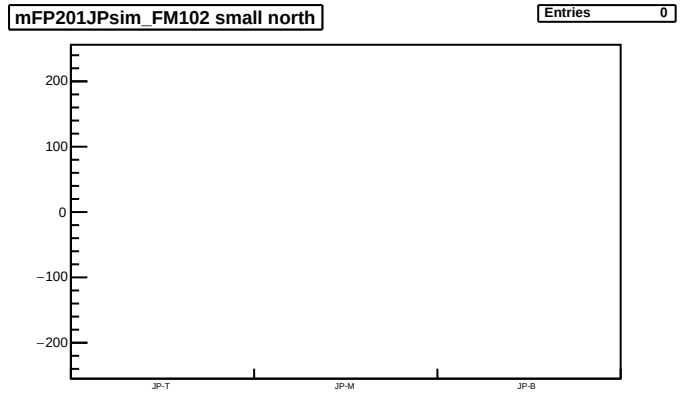

mFP201BS_FM104 large north
Entries 2.447148e+07
141
2953
5195
12400
6365
4.89416e+06
4.89134e+06
4.8891e+06
4.8819e+06
4.88793e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

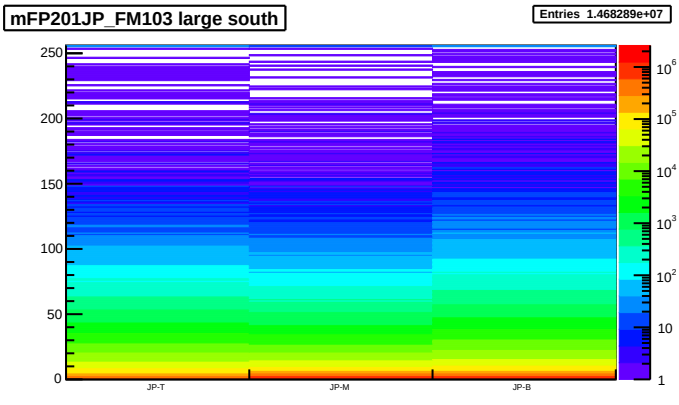

mFP201BSsim_FM104 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

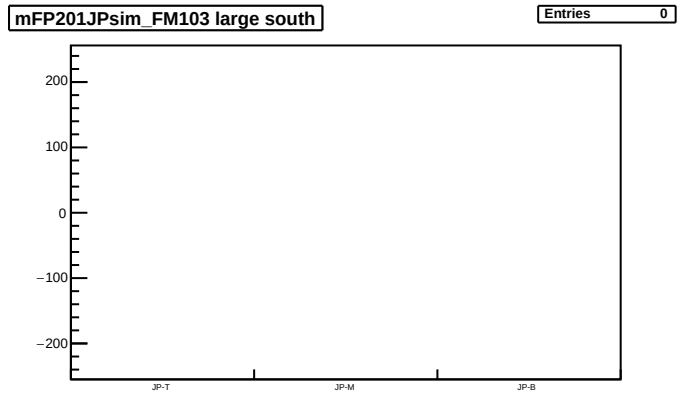

mFP201JP_FM101 small south
Entries 1.468289e+07
JP-T
JP-M
JP-B


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


mFP201JP_FM102 small north
Entries 1.468289e+07
JP-T
JP-M
JP-B


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


mFP201JP_FM103 large south
Entries 1.468289e+07
JP-T
JP-M
JP-B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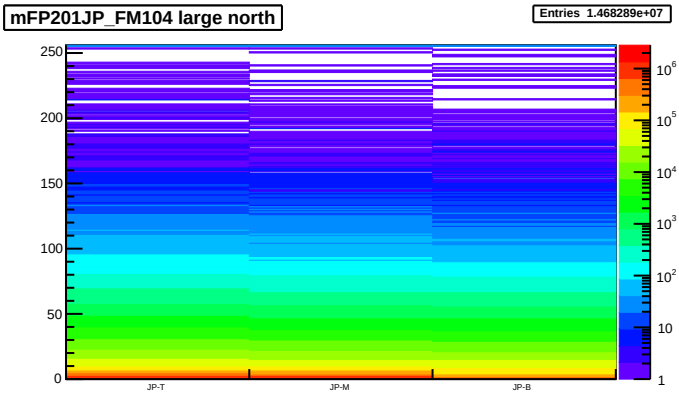
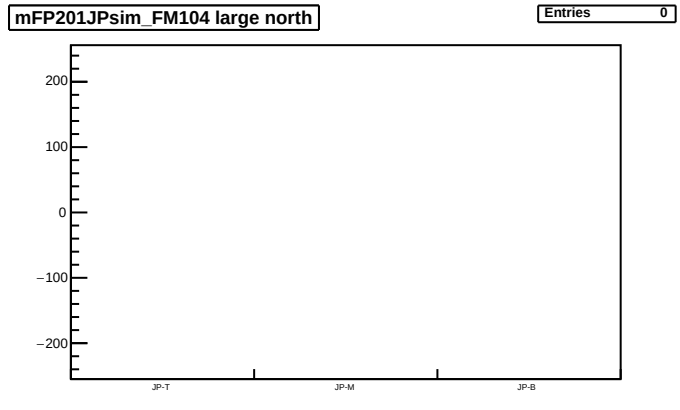
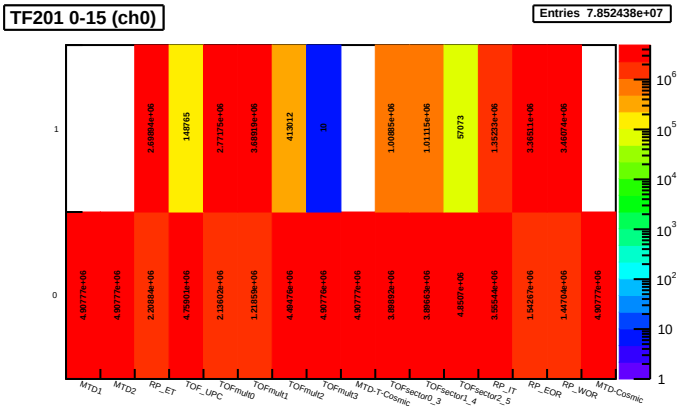
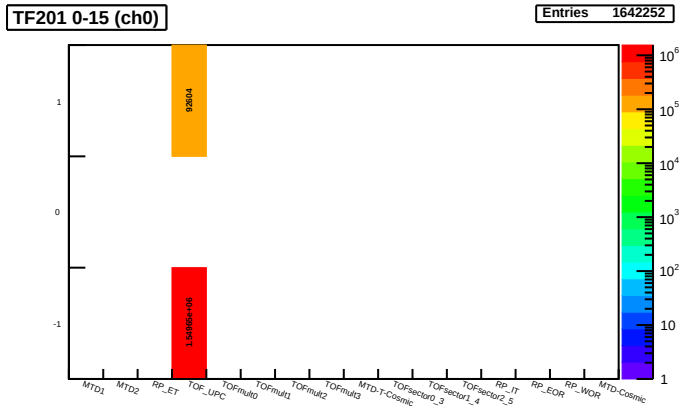
Entries 0
JP-T
JP-M
JP-B


mFP201JP_FM104 large north
Entries 1.468289e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large north
Entries 0
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.852438e+07
MTD1 MTD2 RP_ET TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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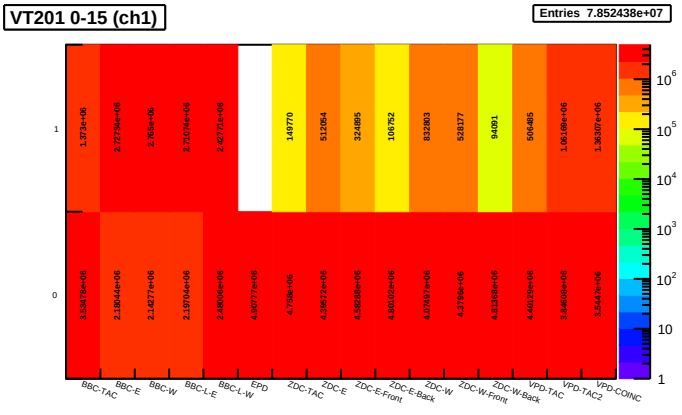
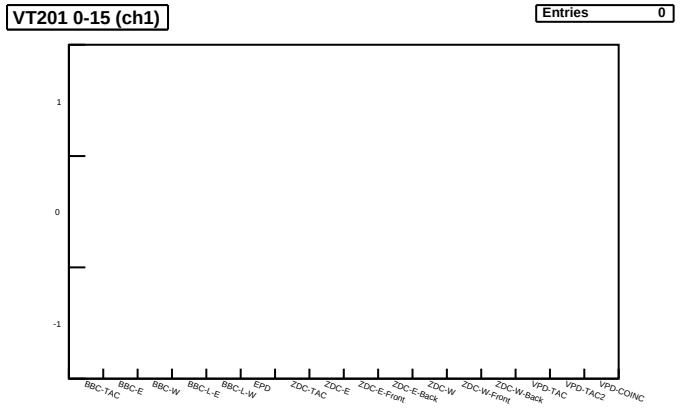
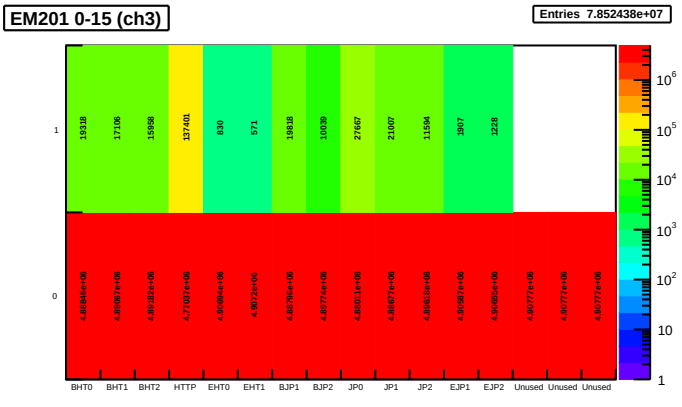
Entries 1642252
MTD1 MTD2 RP_ET TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


VT201 0-15 (ch1)
Entries 7.852438e+07
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


EM201 0-15 (ch3)
Entries 7.852438e+07
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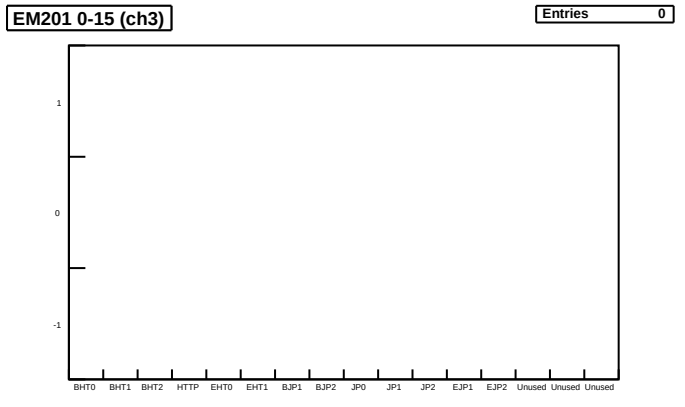
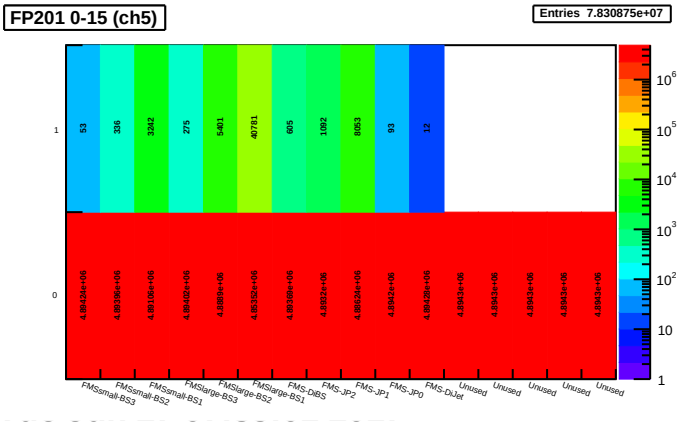
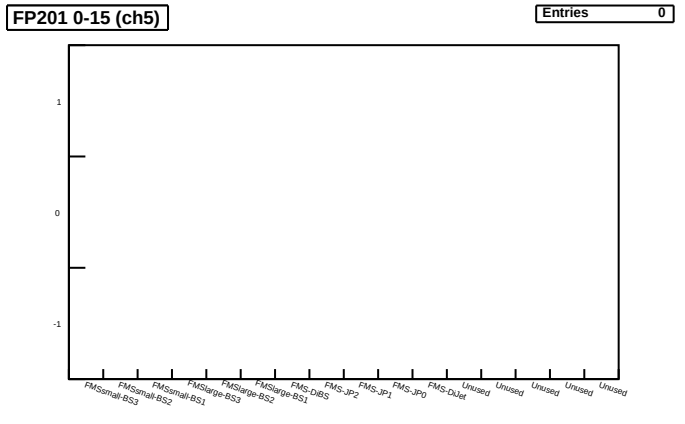

EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


FP201 0-15 (ch5)
Entries 7.830875e+07
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused