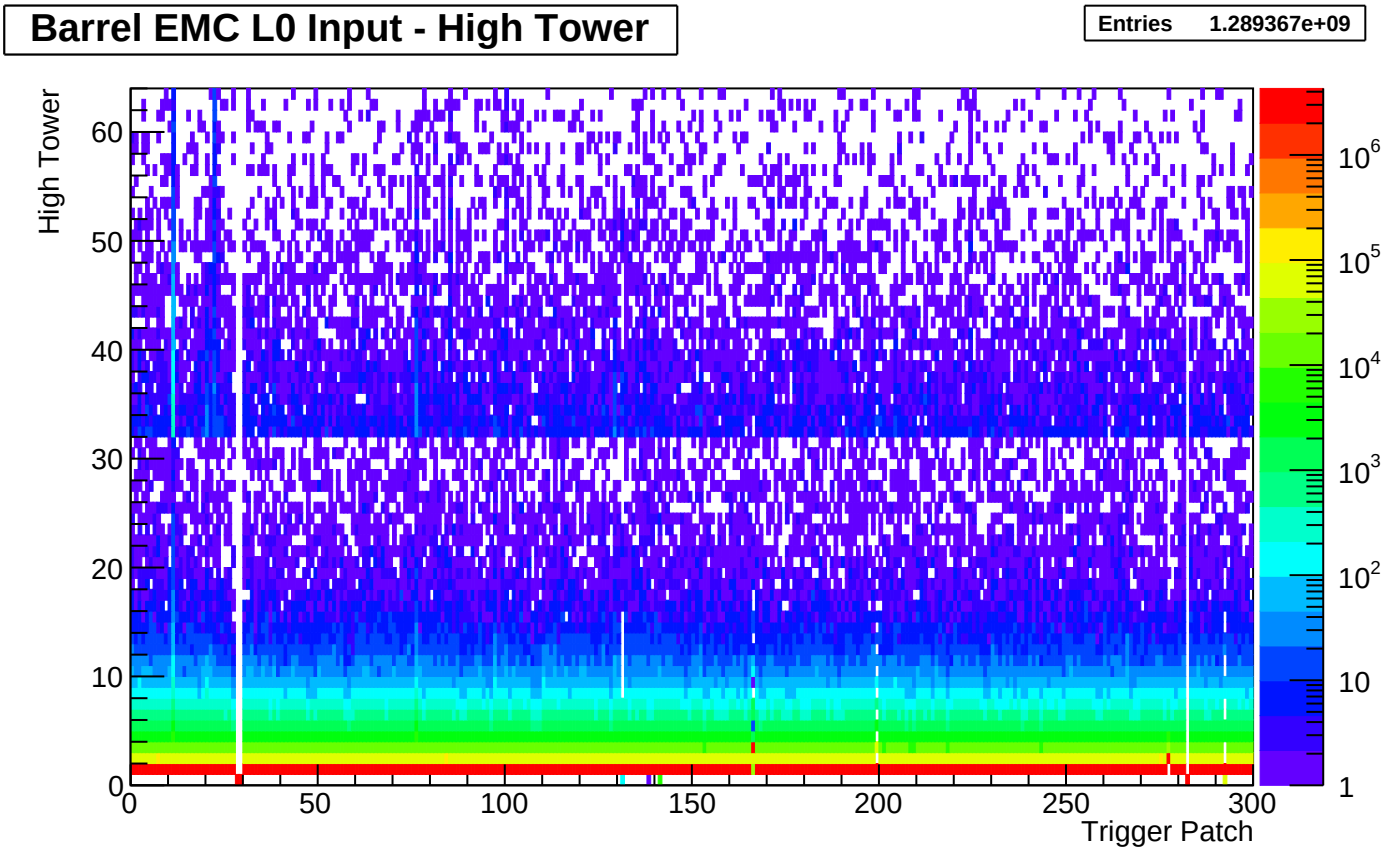
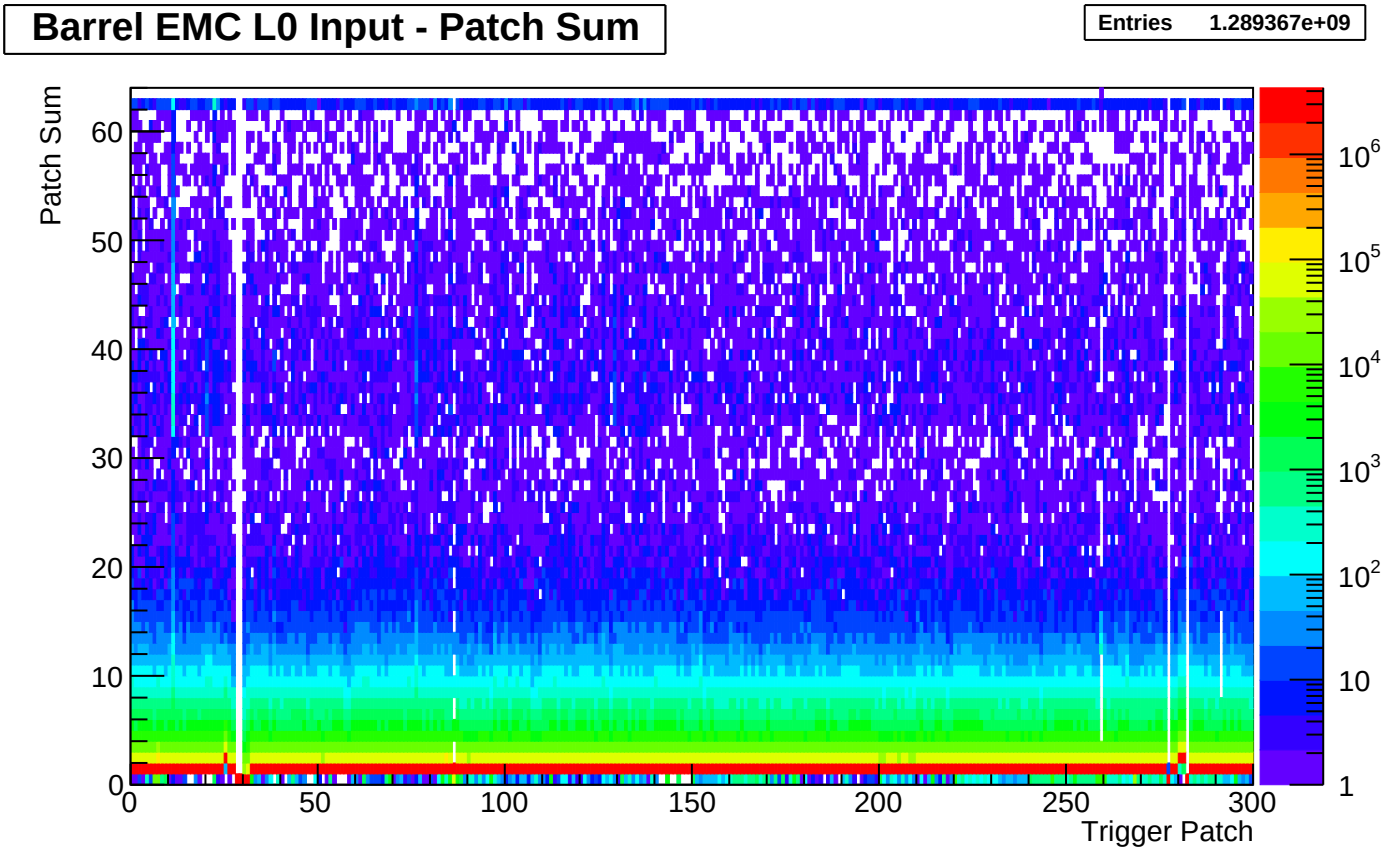
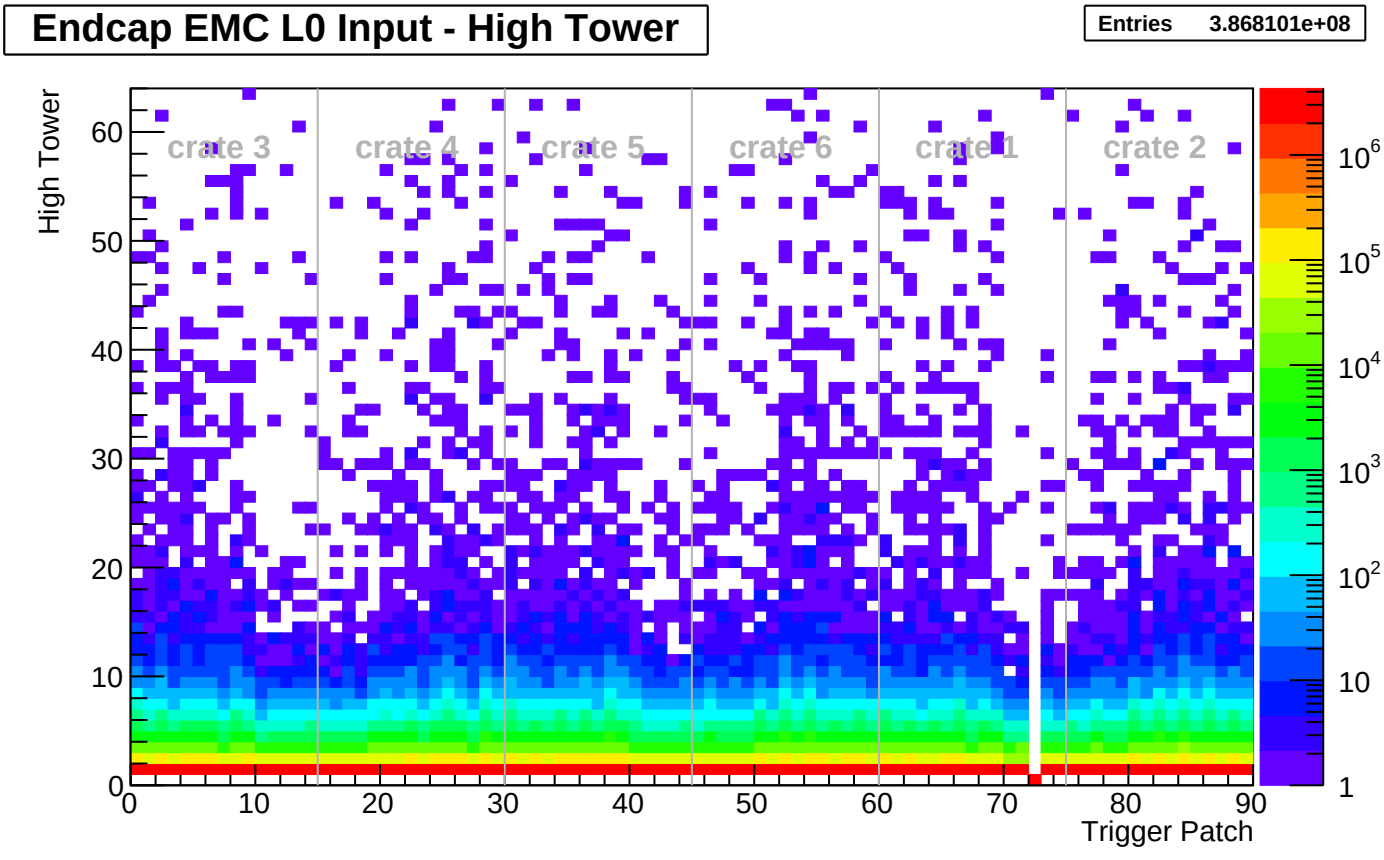
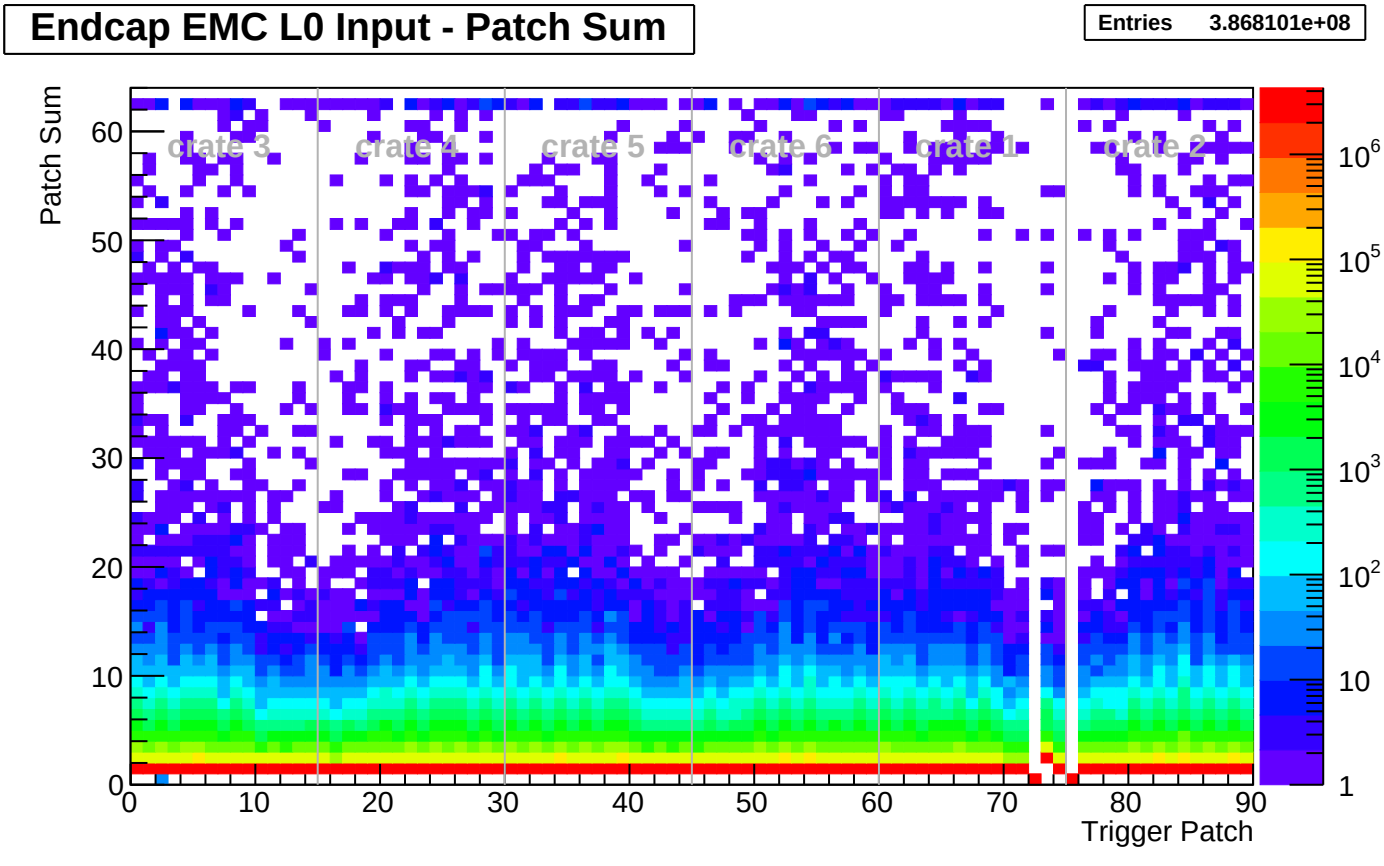
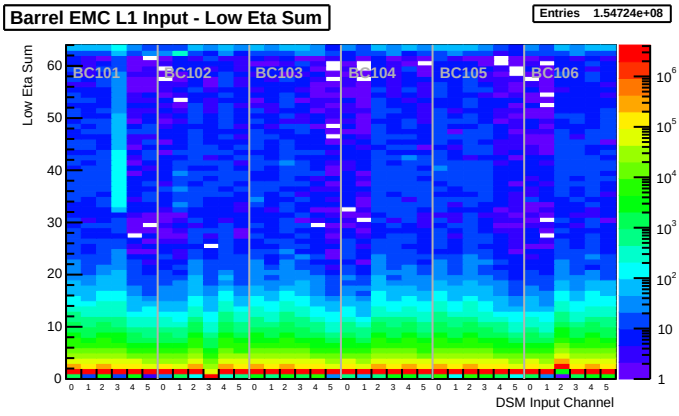
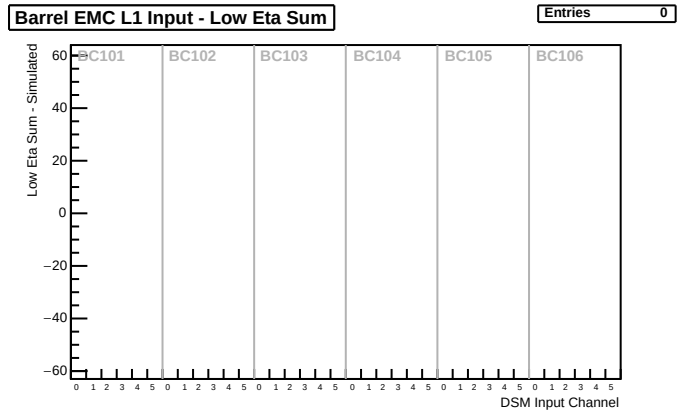

Barrel EMC L0 Input - High Tower
Entries 1.289367e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

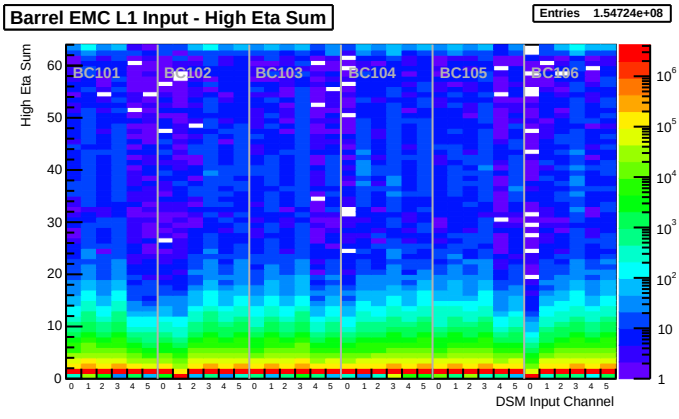

Barrel EMC L0 Input - Patch Sum
Entries 1.289367e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

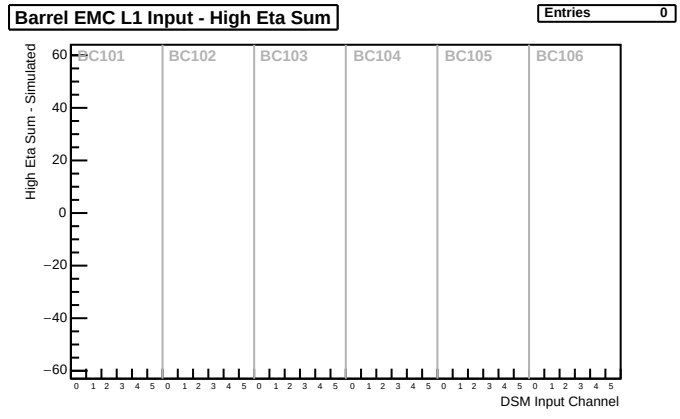

Endcap EMC L0 Input - High Tower
Entries 3.868101e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

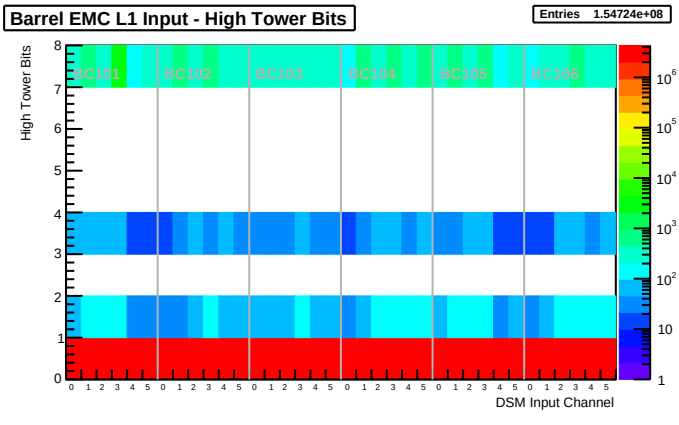

Endcap EMC L0 Input - Patch Sum
Entries 3.868101e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

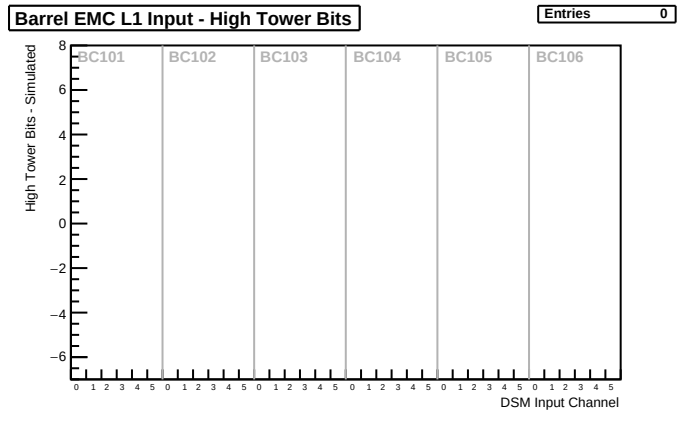

Barrel EMC L1 Input - Low Eta Sum
Entries 1.54724e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

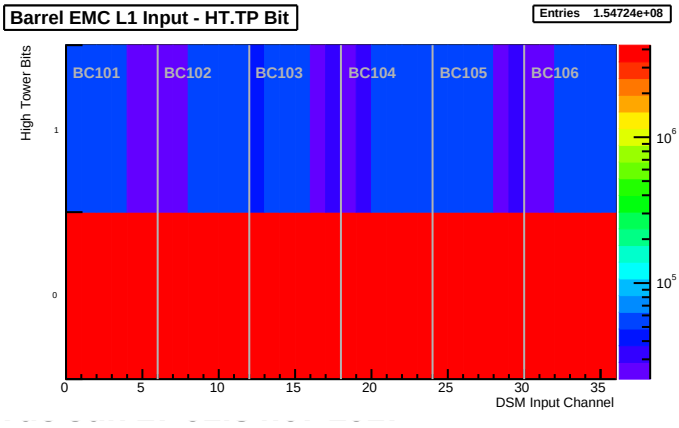

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

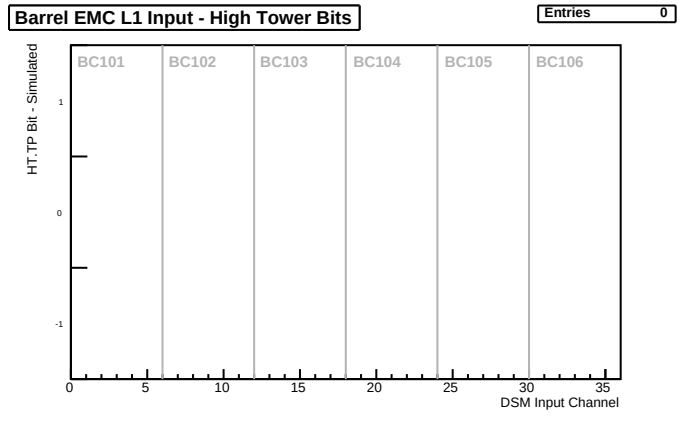

Barrel EMC L1 Input - High Eta Sum
Entries 1.54724e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

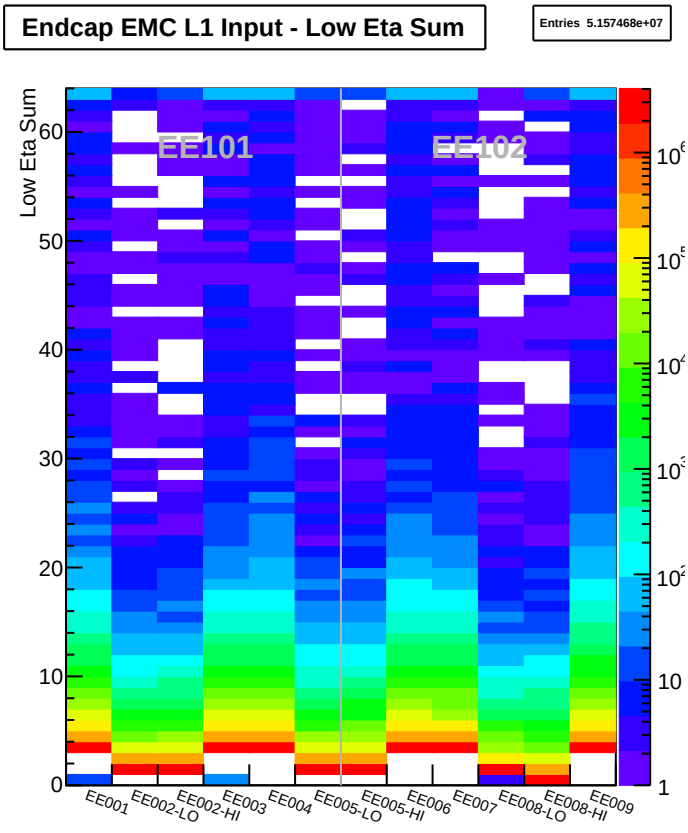

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

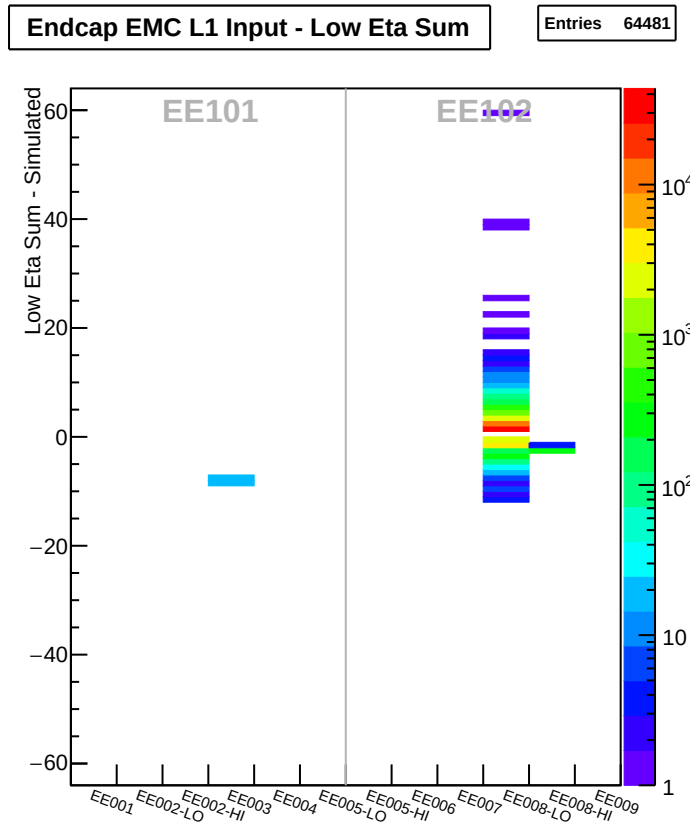

Barrel EMC L1 Input - High Tower Bits
Entries 1.54724e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

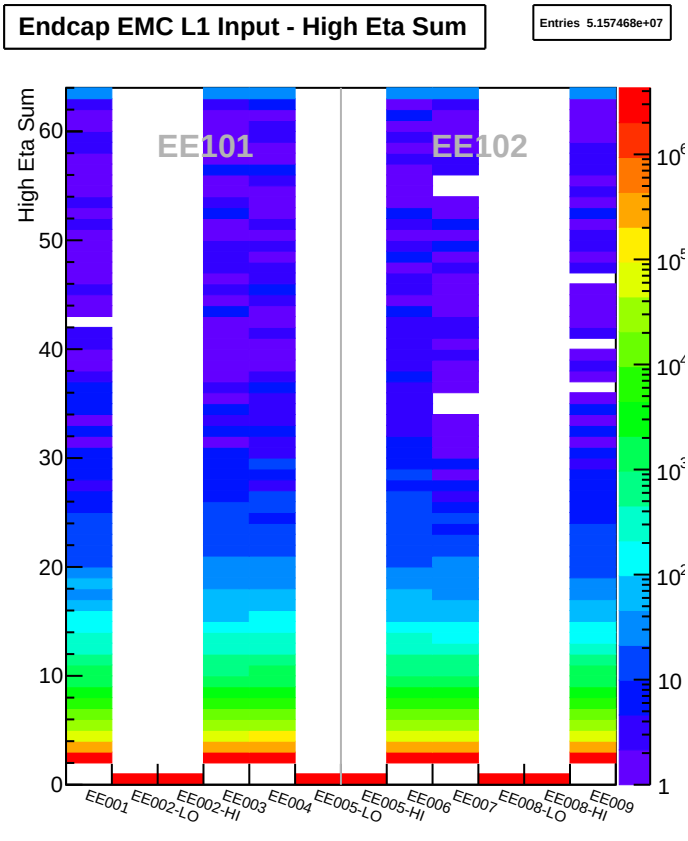

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

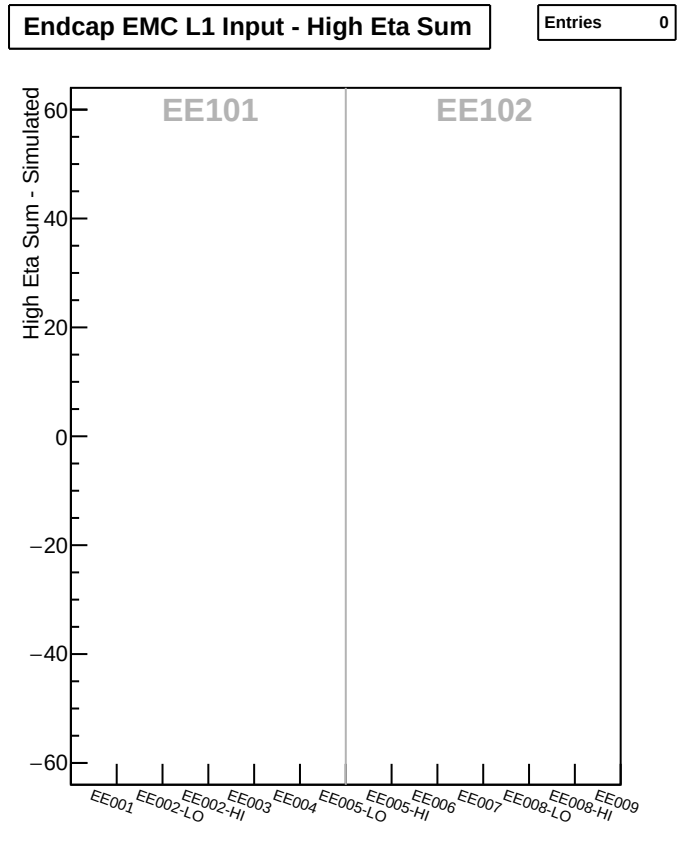

Barrel EMC L1 Input - HT.TP Bit
Entries 1.54724e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


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

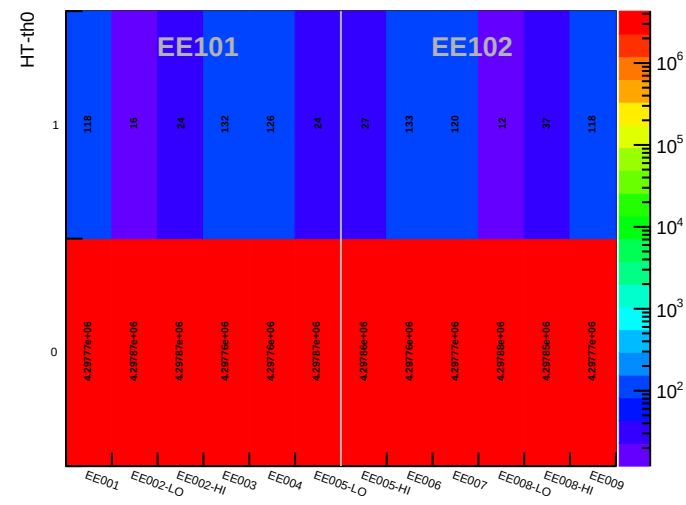

Endcap EMC L1 Input - Low Eta Sum
Entries 5.157468e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 64481
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

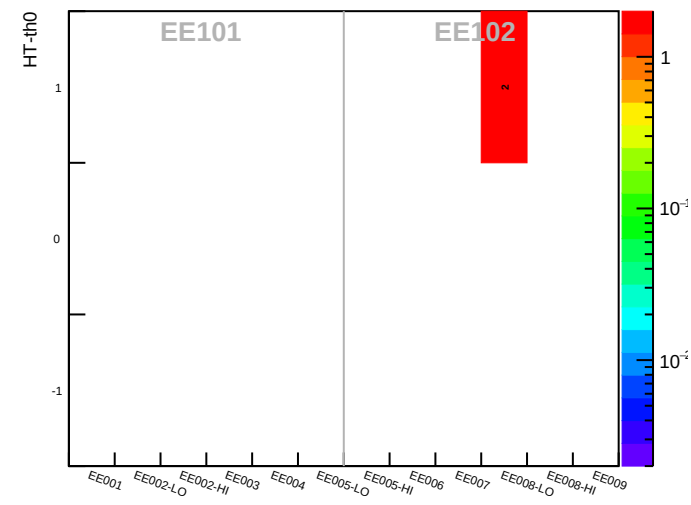

Endcap EMC L1 Input - High Eta Sum
Entries 5.157468e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

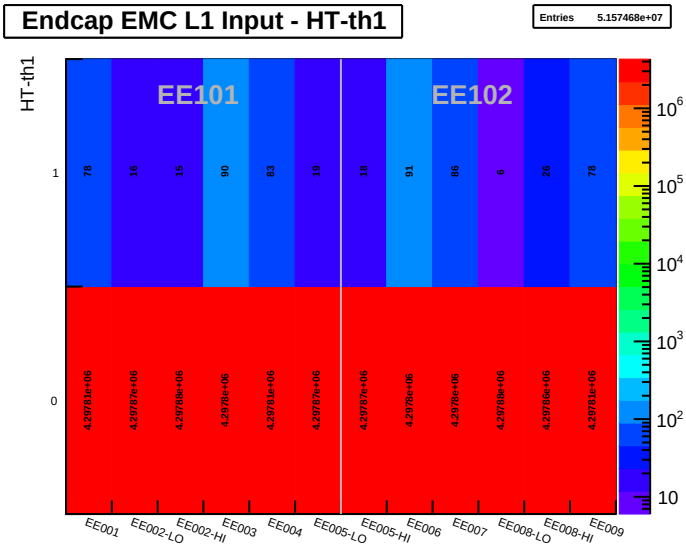
Endcap EMC L1 Input - HT-th0



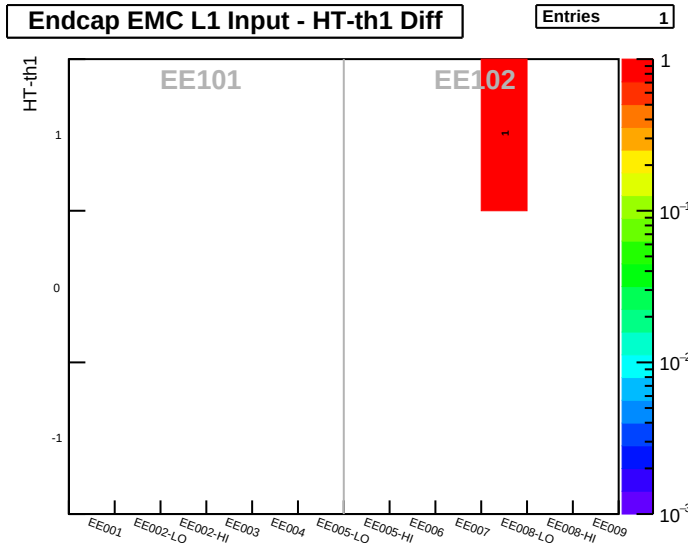
Endcap EMC L1 Input - HT-th0 Diff



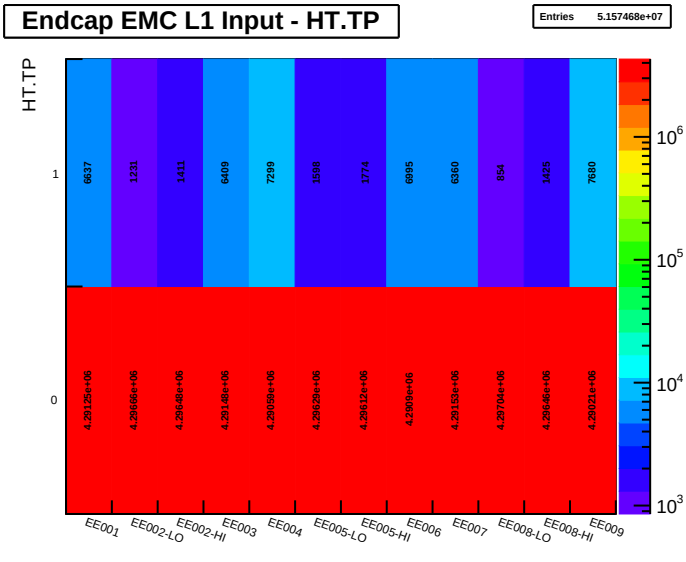
Endcap EMC L1 Input - HT-th1



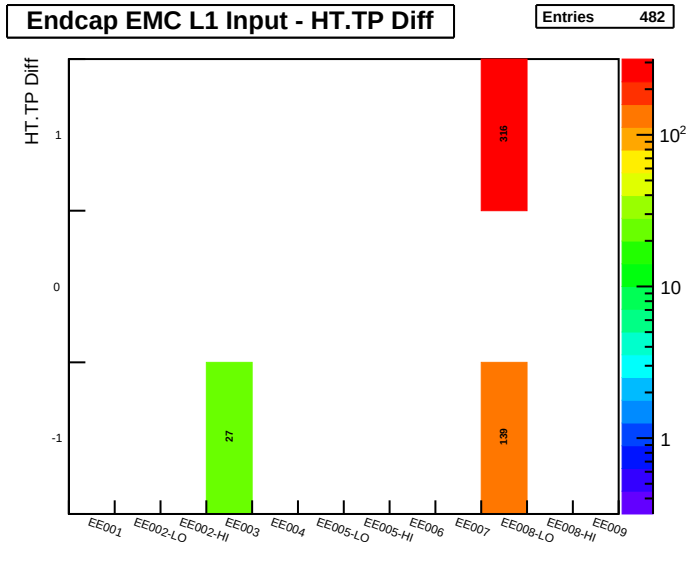
Endcap EMC L1 Input - HT-th1 Diff

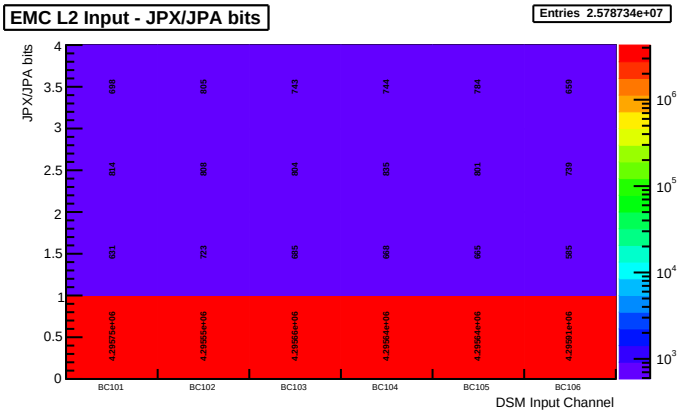


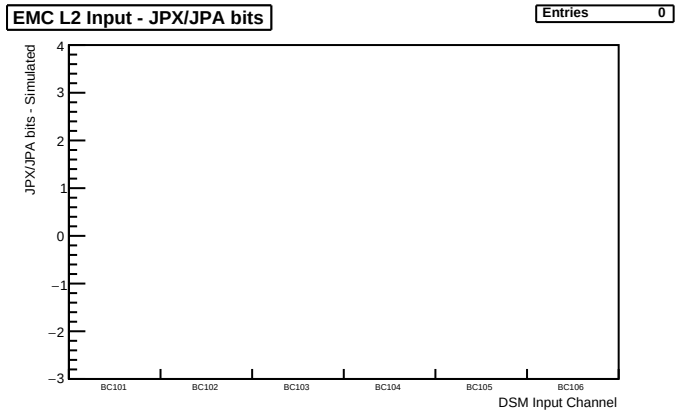
Endcap EMC L1 Input - HT.TP

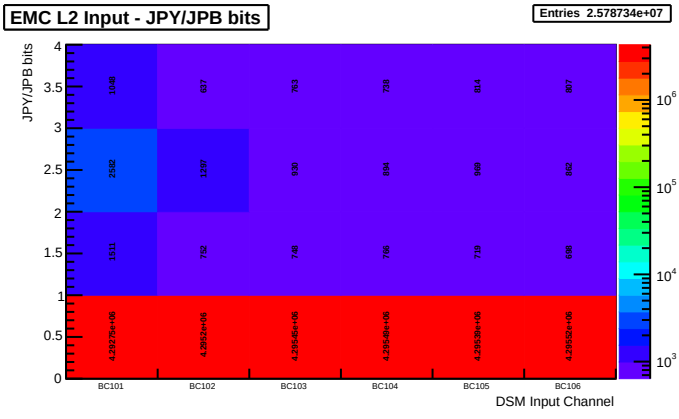


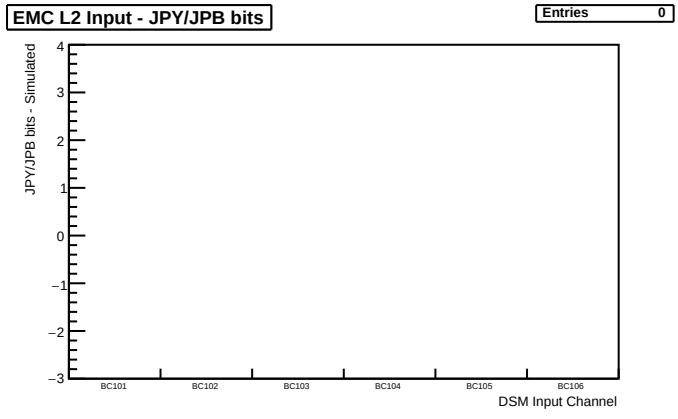
Endcap EMC L1 Input - HT.TP Diff

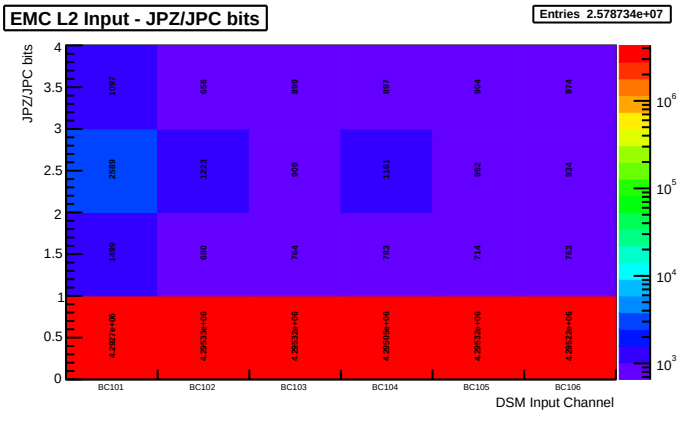


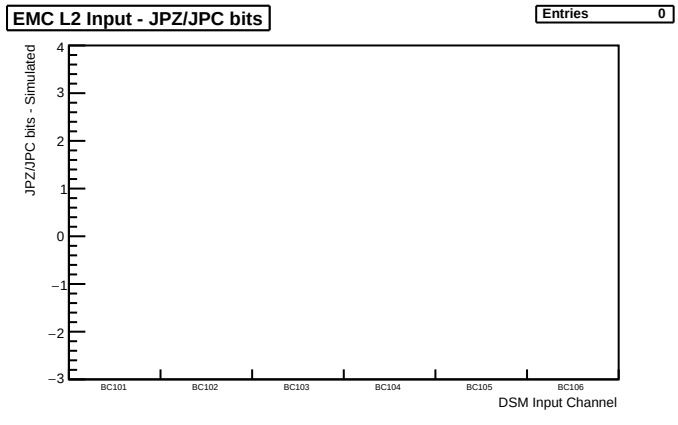

EMC L2 Input - JPX/JPA bits
Entries 2.578734e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

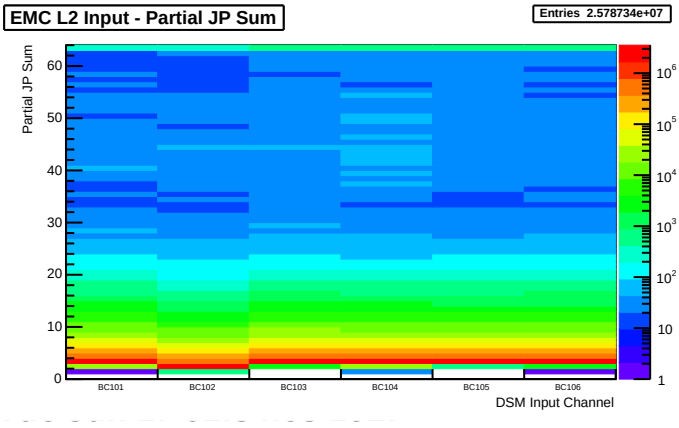

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

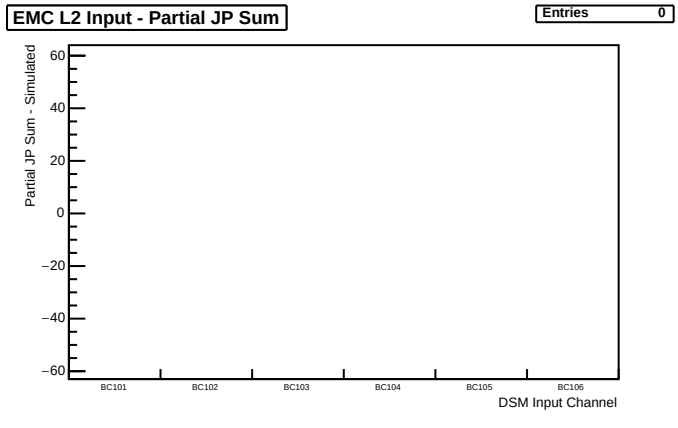

EMC L2 Input - JPY/JPB bits
Entries 2.578734e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

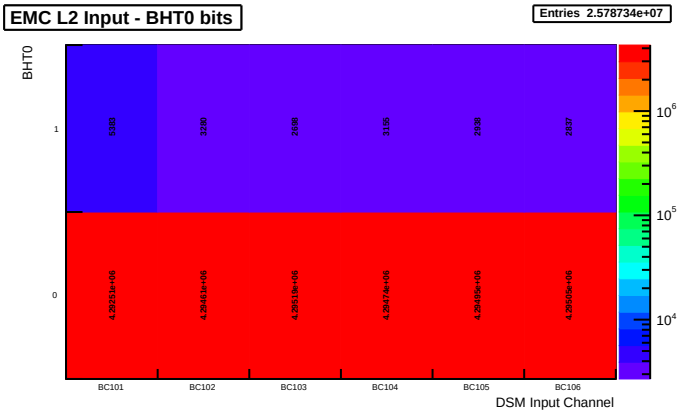

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

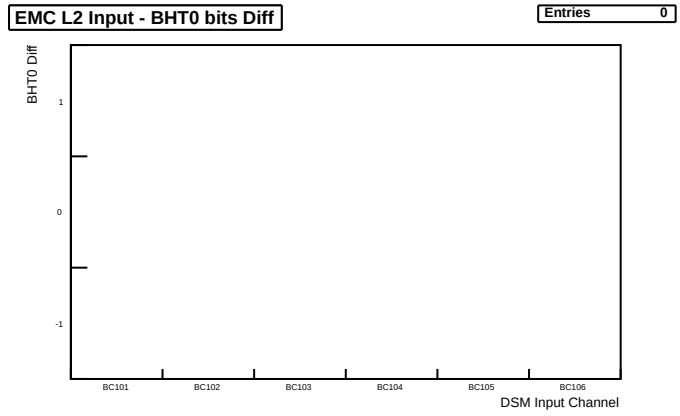

EMC L2 Input - JPZ/JPC bits
Entries 2.578734e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

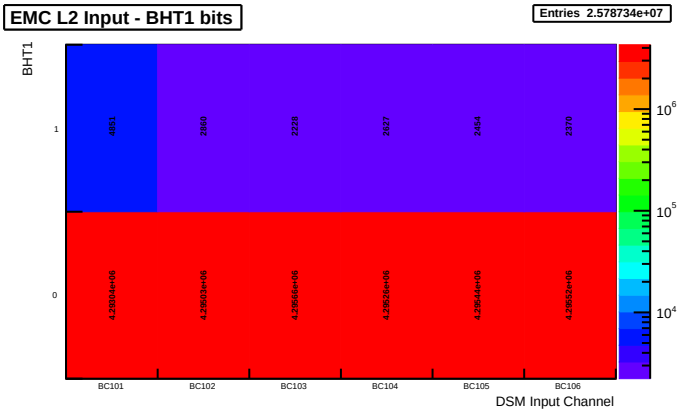

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

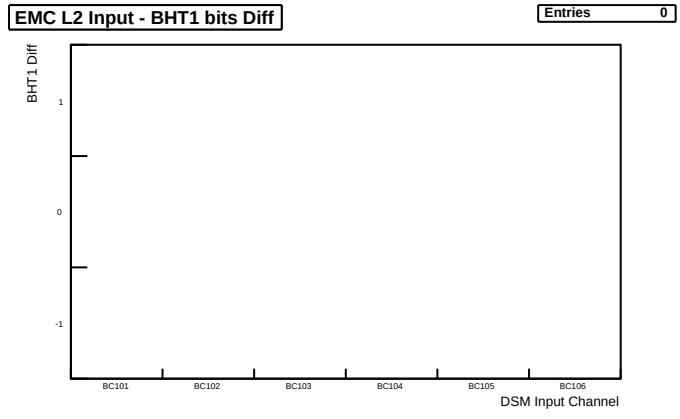

EMC L2 Input - Partial JP Sum
Entries 2.578734e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

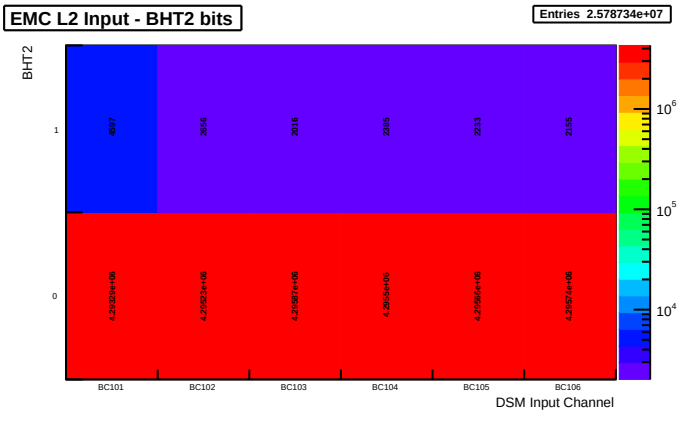

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

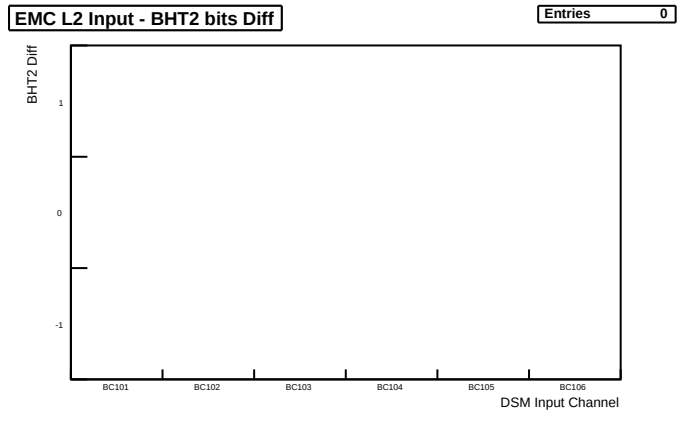

EMC L2 Input - BHT0 bits
Entries 2.578734e+07
BHT0
1
0
5383
3290
2638
3155
2938
2837
4.29251e+06
4.29449e+06
4.29519e+06
4.29479e+06
4.29499e+06
4.29595e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

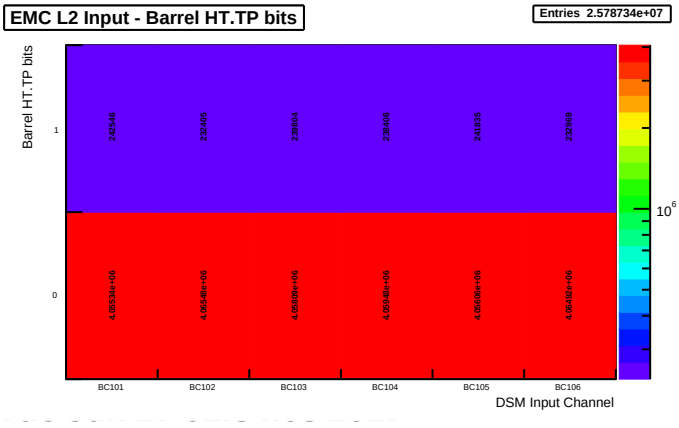

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

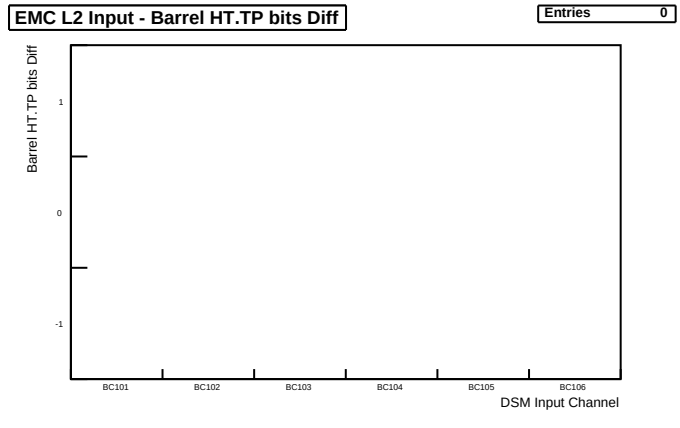

EMC L2 Input - BHT1 bits
Entries 2.578734e+07
BHT1
1
0
4851
2860
2228
2327
2454
2370
4.28504e+06
4.28503e+06
4.28566e+06
4.28526e+06
4.28544e+06
4.28652e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

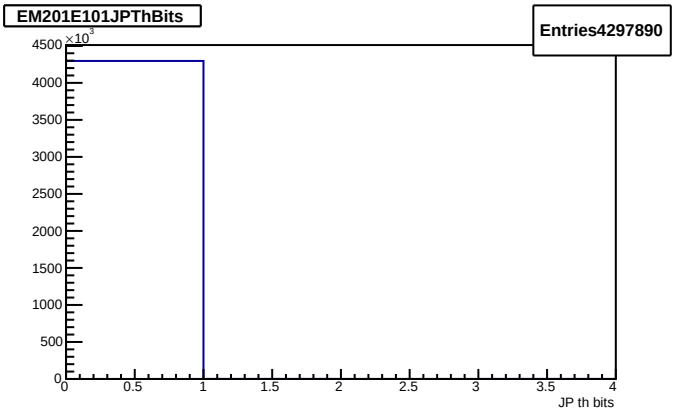

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

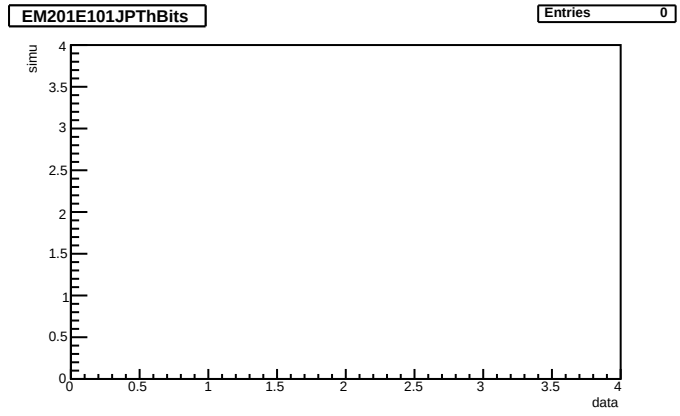

EMC L2 Input - BHT2 bits
Entries 2.578734e+07
BHT2
1
0
4537
2656
2016
2385
2233
2155
4.23939e+06
4.23923e+06
4.23997e+06
4.2355e+06
4.23966e+06
4.23574e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

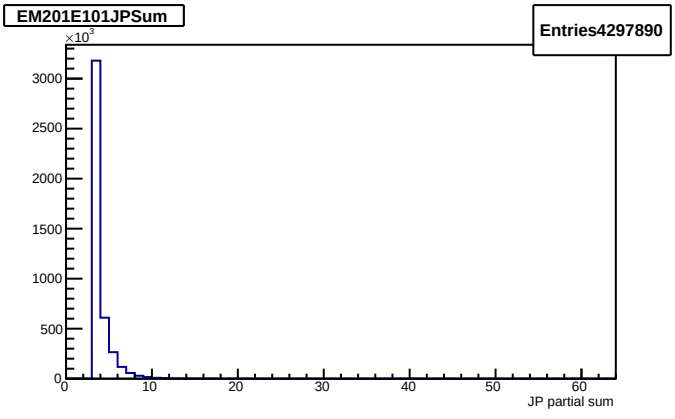

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

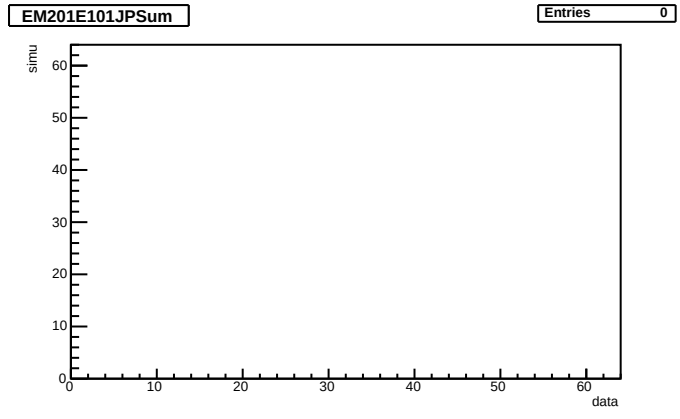

EMC L2 Input - Barrel HT.TP bits
Entries 2.578734e+07
Barrel HT.TP bits
1
0
242546
232405
238934
233406
241835
232869
4.05534e+06
4.05548e+06
4.05609e+06
4.05548e+06
4.05606e+06
4.05492e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

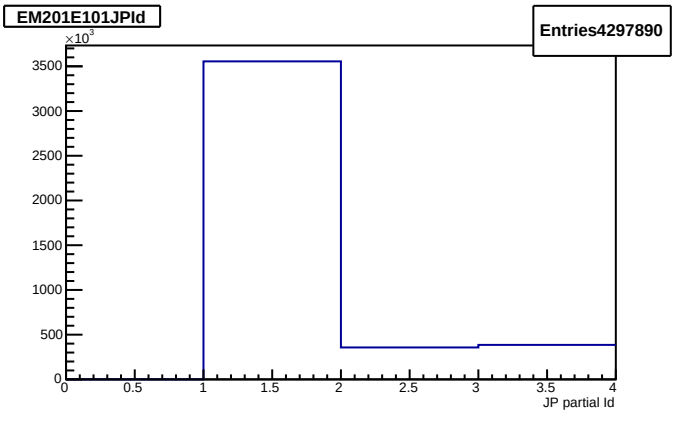

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

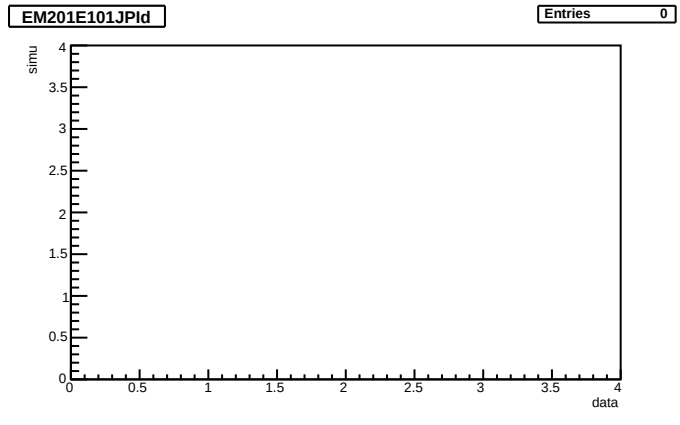

EM201E101JPThBits
Entries4297890
×10^3
JP th bits

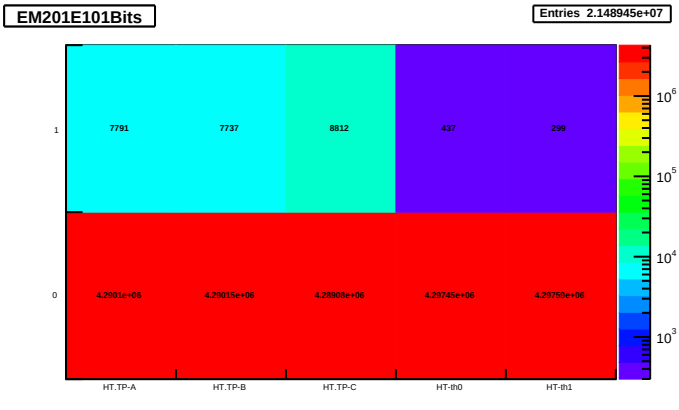

EM201E101JPThBits
Entries 0
simu
data

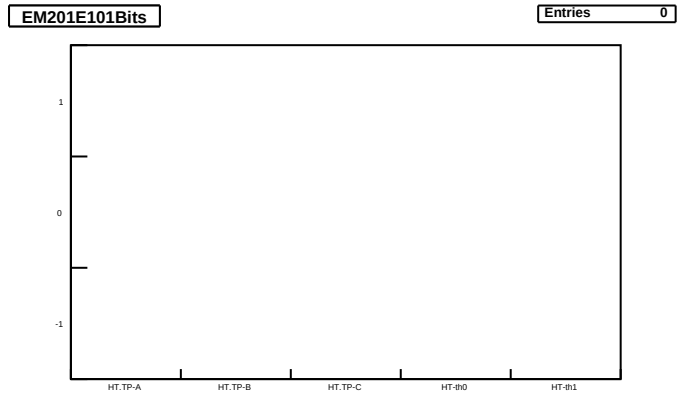

EM201E101JPSum
Entries4297890
×10^3
JP partial sum

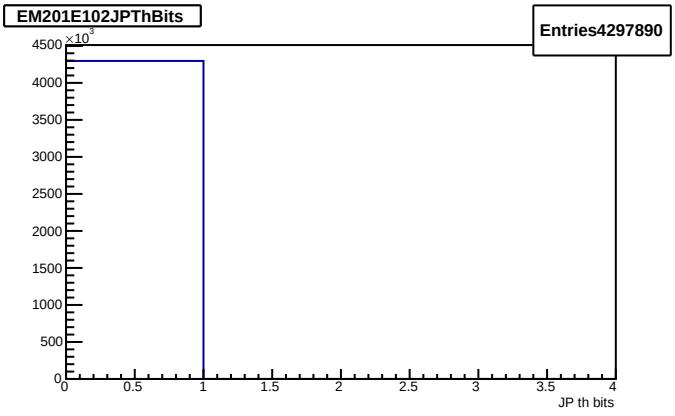

EM201E101JPSum
Entries 0
simu
data

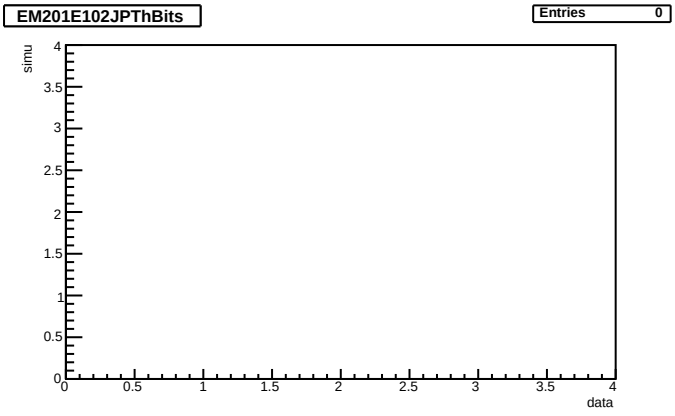

EM201E101JPId
Entries4297890
×10^3
JP partial Id

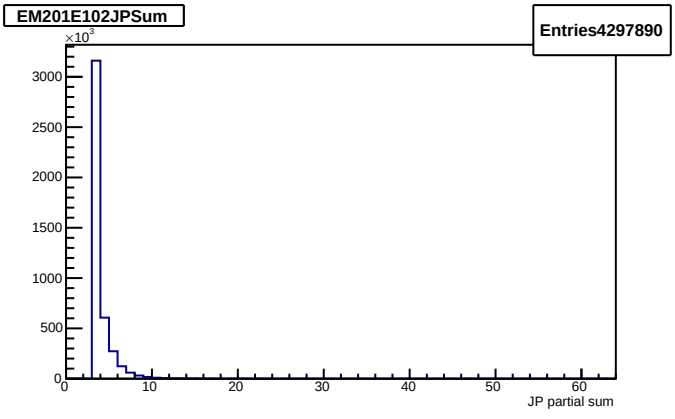

EM201E101JPId
Entries 0
simu
data

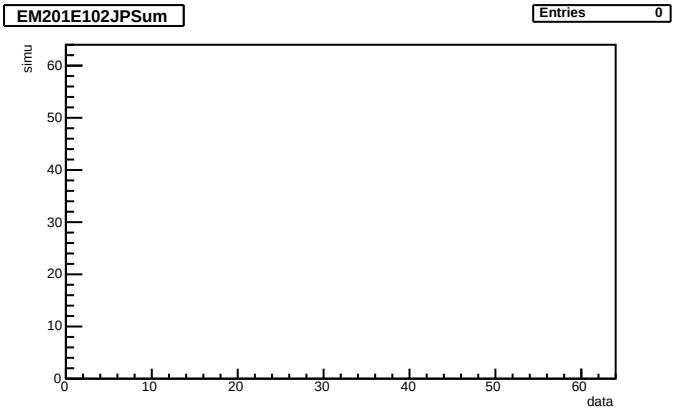

EM201E101Bits
Entries 2.148945e+07
7791
7737
8812
437
299
4.2901e+06
4.29015e+06
4.28908e+06
4.29745e+06
4.29759e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

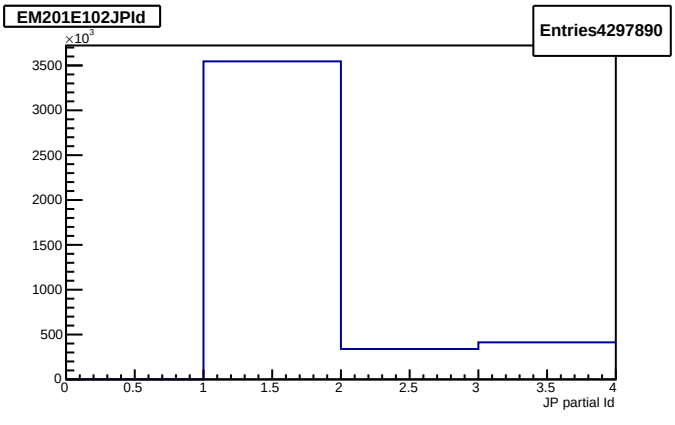

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

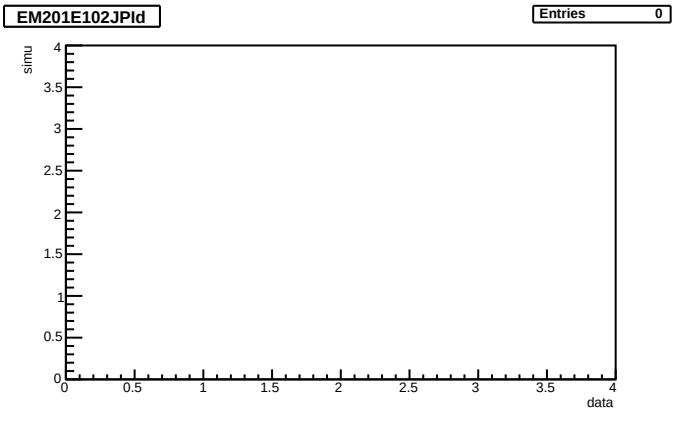

EM201E102JPThBits
Entries4297890
JP th bits

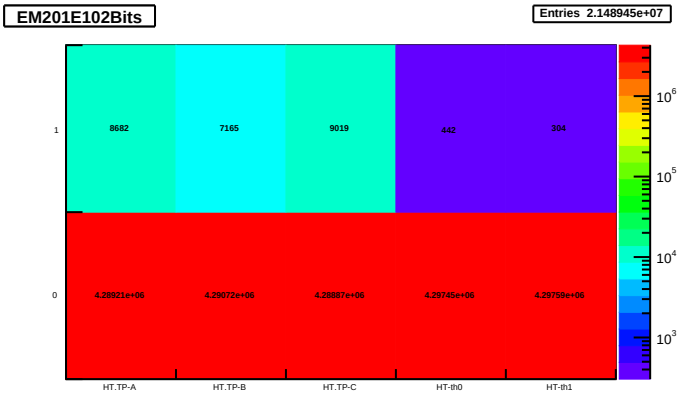

EM201E102JPThBits
Entries 0
simu
data

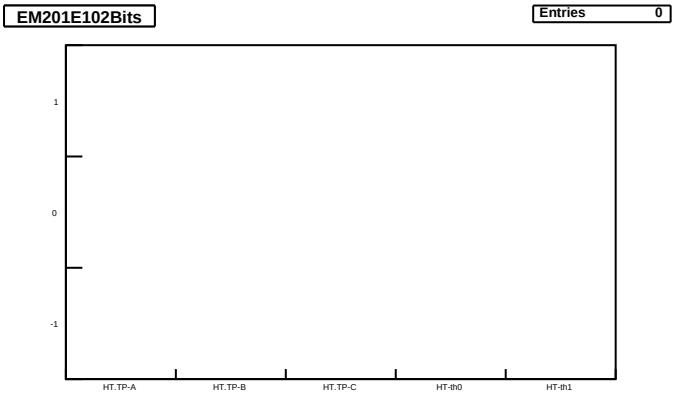

EM201E102JPSum
Entries4297890
JP partial sum

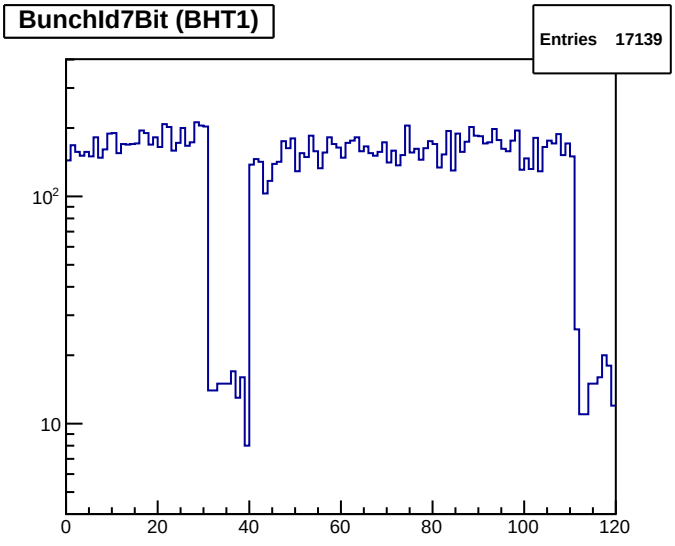

EM201E102JPSum
Entries 0
simu
data

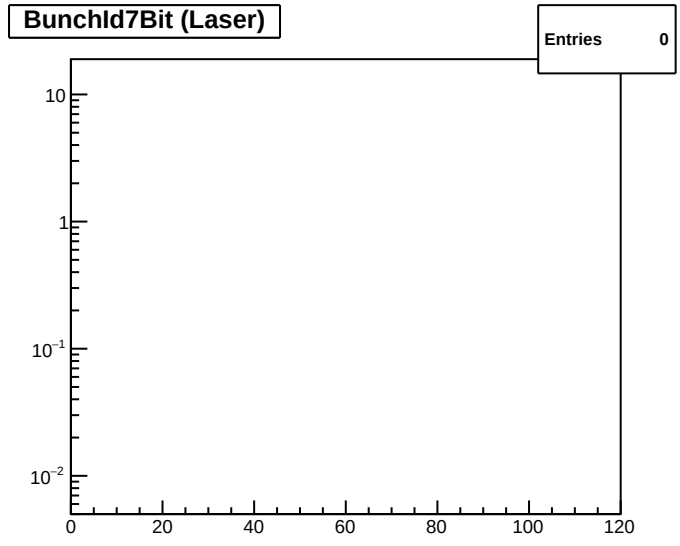

EM201E102JPId
Entries4297890
JP partial Id

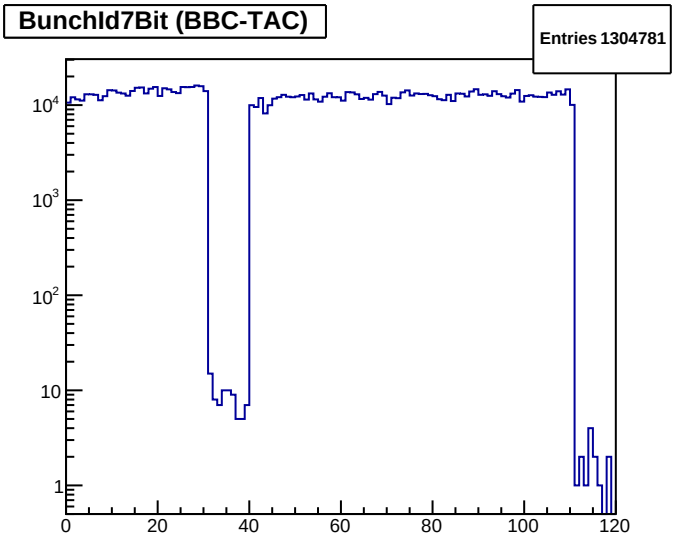

EM201E102JPId
Entries 0
simu
data

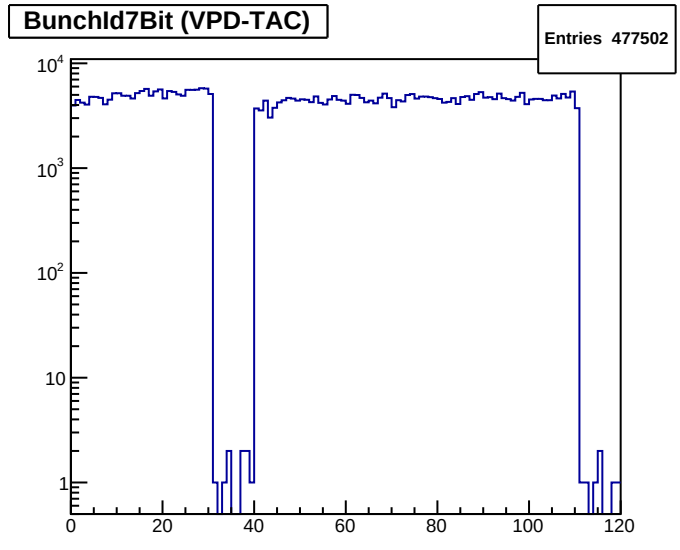

EM201E102Bits
Entries 2.148945e+07
8682
7165
9019
442
304
4.28921e+06
4.29072e+06
4.28887e+06
4.29745e+06
4.29759e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

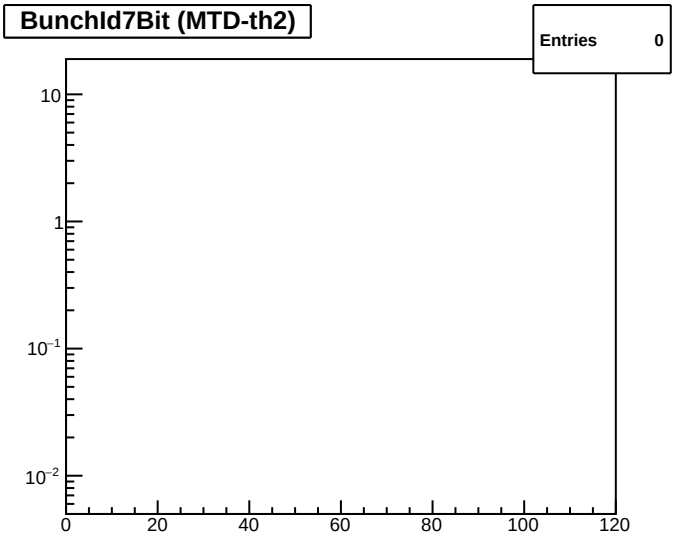

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

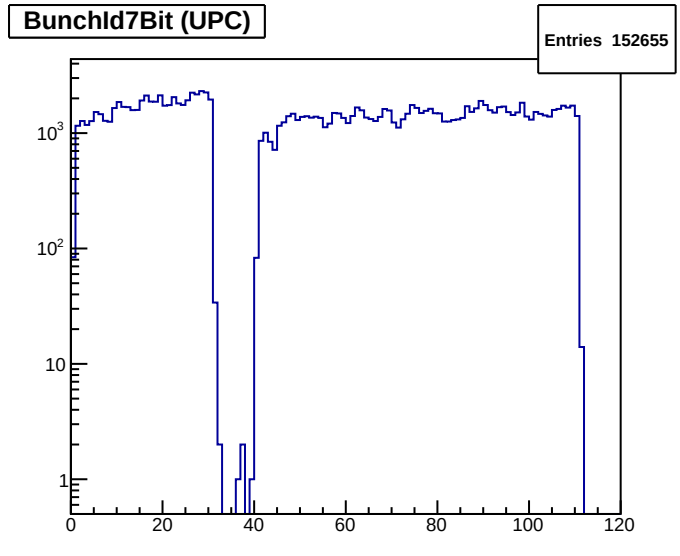

BunchId7Bit (BHT1)
Entries 17139

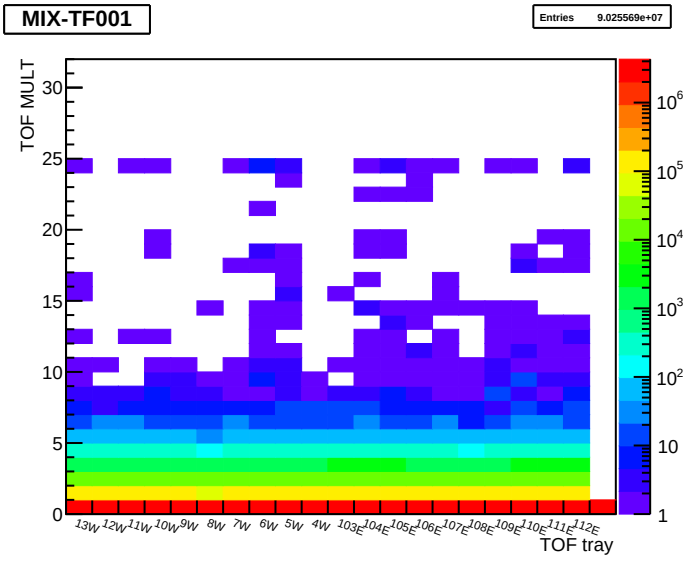

BunchId7Bit (Laser)
Entries 0

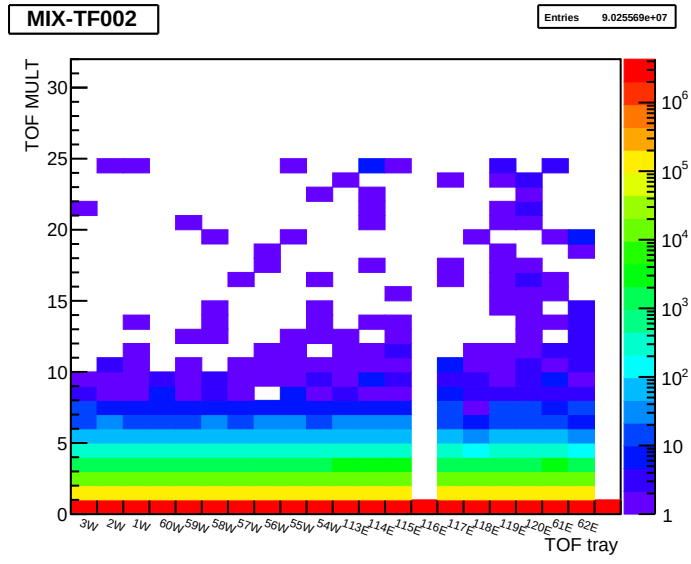

BunchId7Bit (BBC-TAC)
Entries 1304781

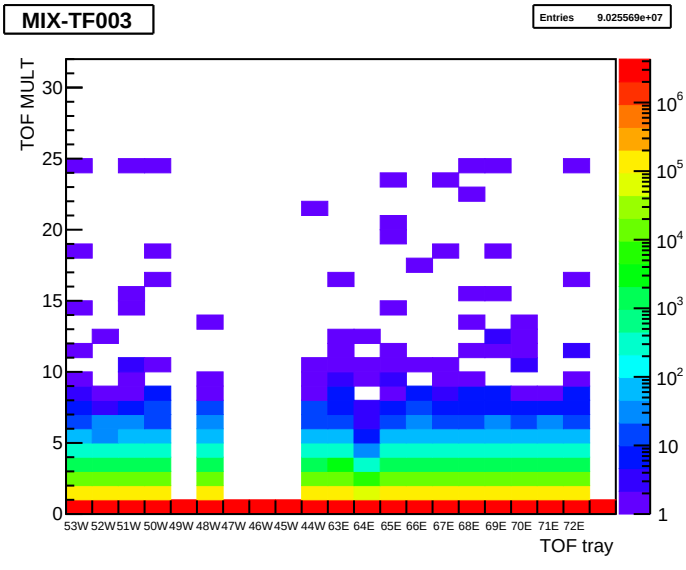

BunchId7Bit (VPD-TAC)
Entries 477502

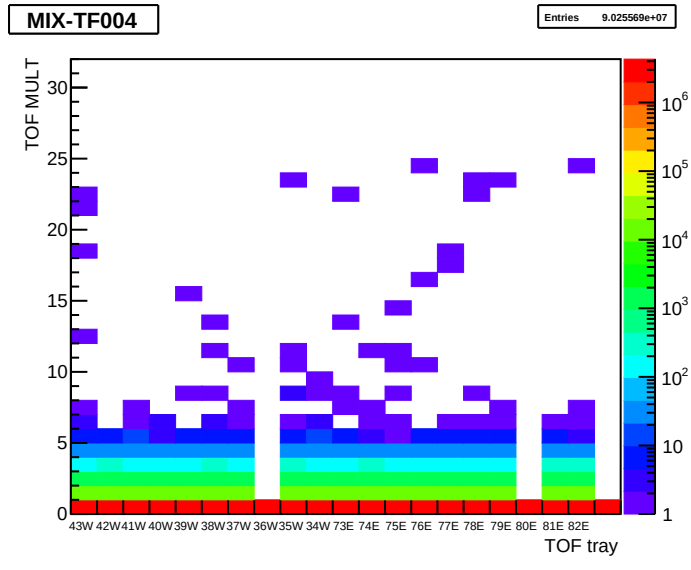

BunchId7Bit (MTD-th2)
Entries 0

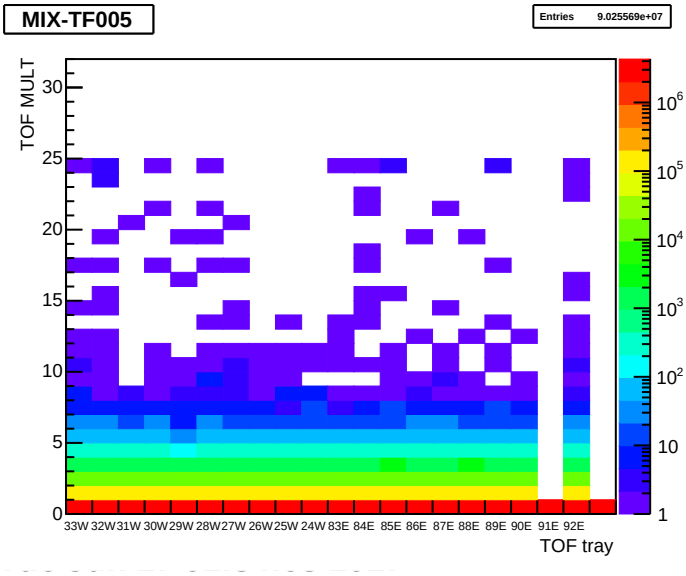

BunchId7Bit (UPC)
Entries 152655

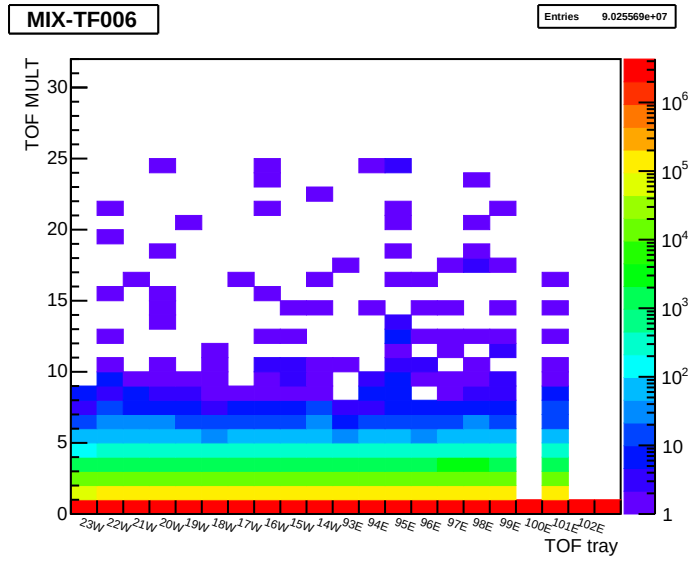

MIX-TF001
Entries 9.025569e+07
TOF MULT
TOF tray

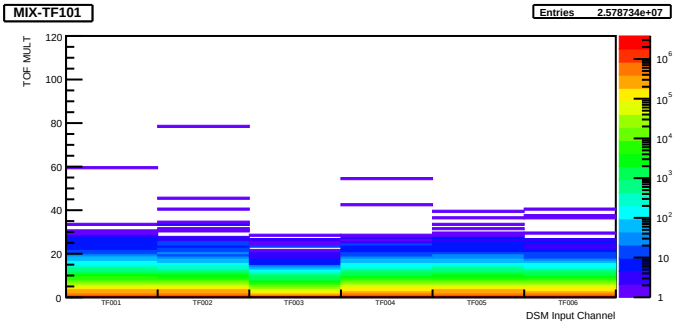

MIX-TF002
Entries 9.025569e+07
TOF MULT
TOF tray

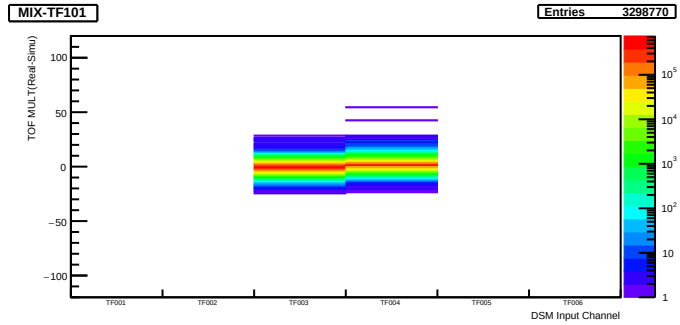

MIX-TF003
Entries 9.025569e+07
TOF MULT
TOF tray

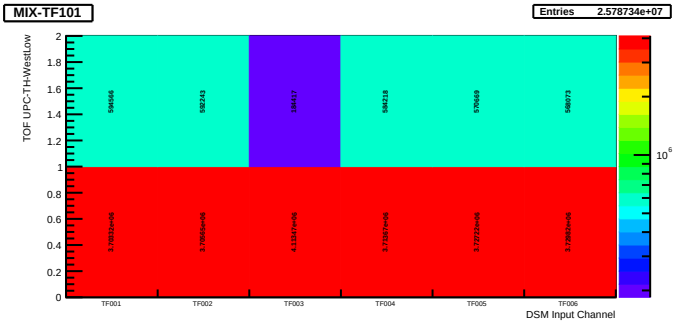

MIX-TF004
Entries 9.025569e+07
TOF MULT
TOF tray

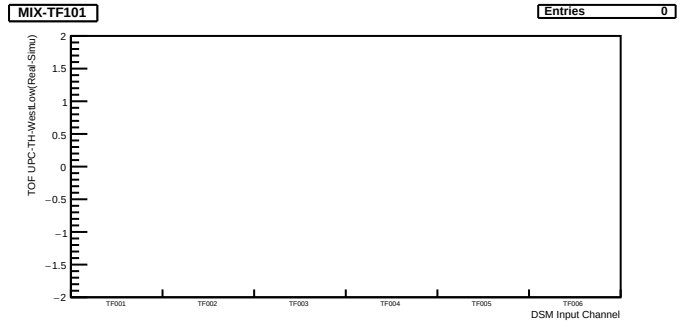

MIX-TF005
Entries 9.025569e+07
TOF MULT
TOF tray

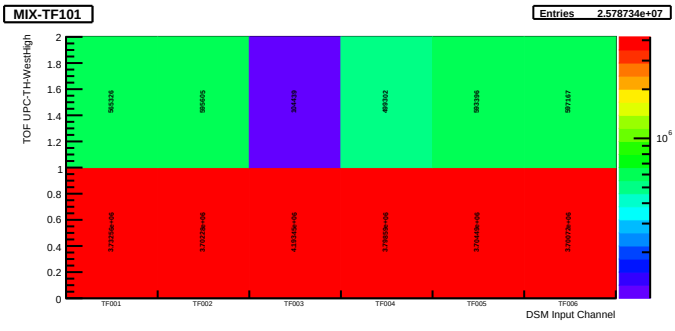

MIX-TF006
Entries 9.025569e+07
TOF MULT
TOF tray

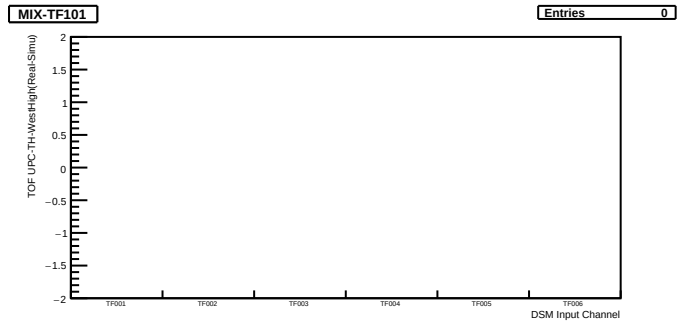

MIX-TF101
Entries 2.578734e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

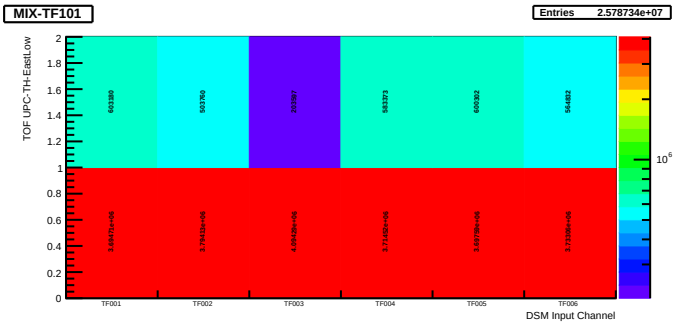

MIX-TF101
Entries 3298770
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

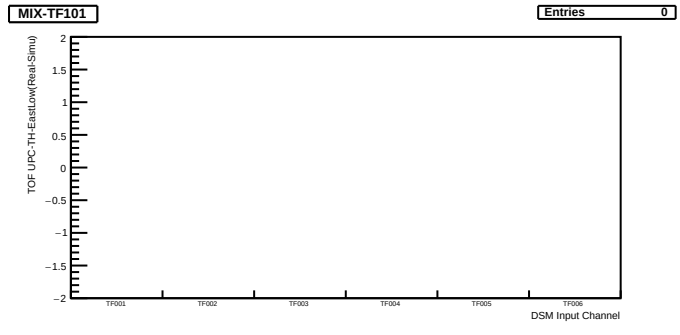

MIX-TF101
Entries 2.578734e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

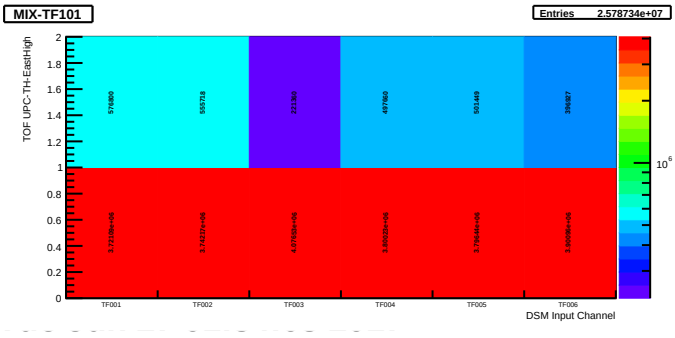

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

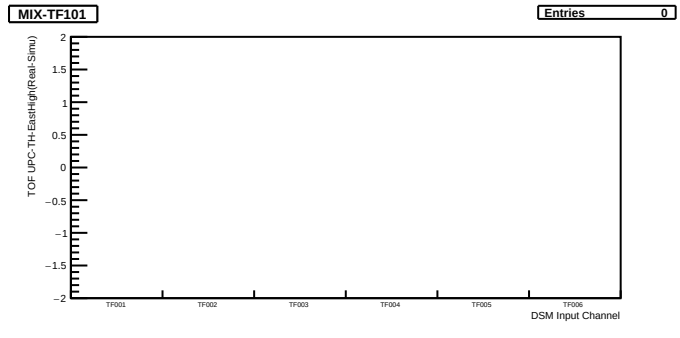

MIX-TF101
Entries 2.578734e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

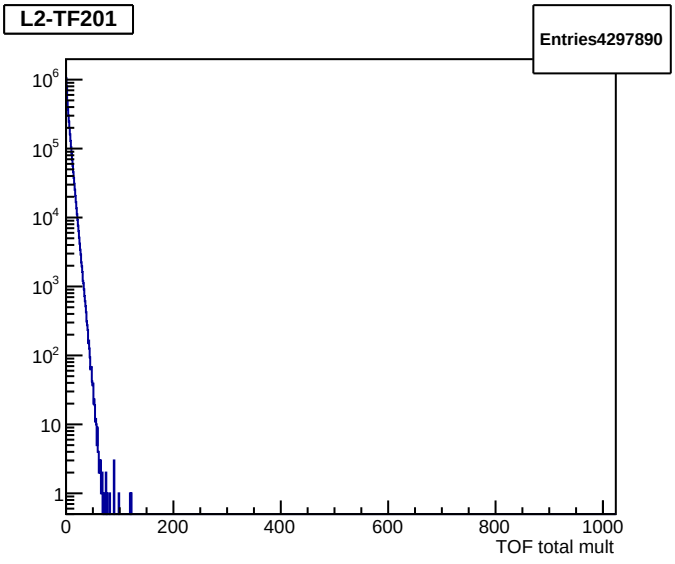

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

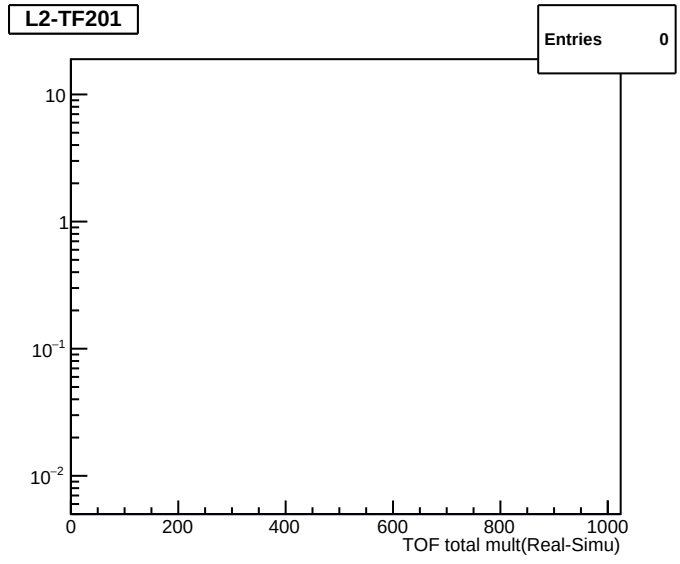

MIX-TF101
Entries 2.578734e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

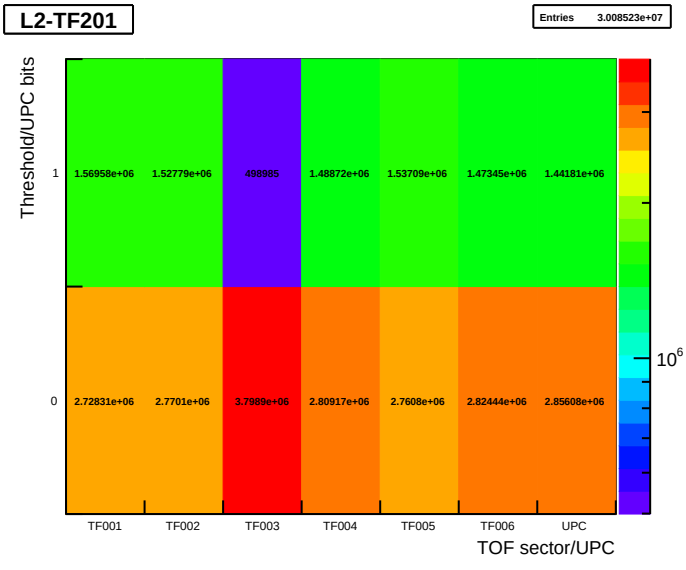

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

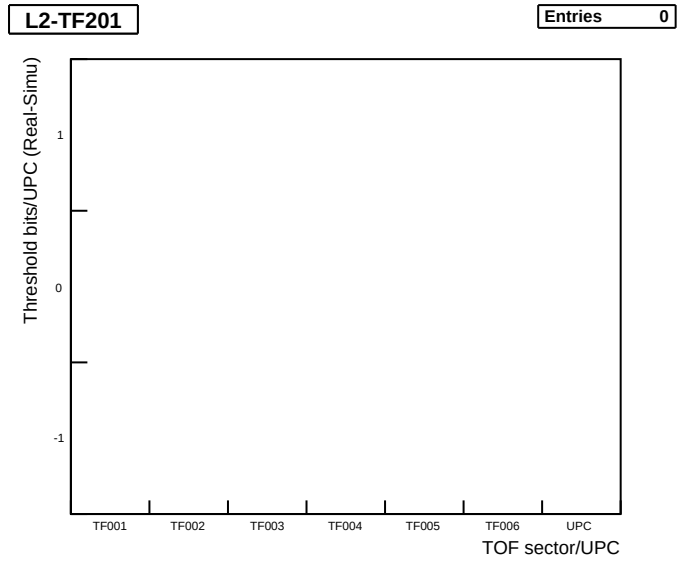

MIX-TF101
Entries 2.578734e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

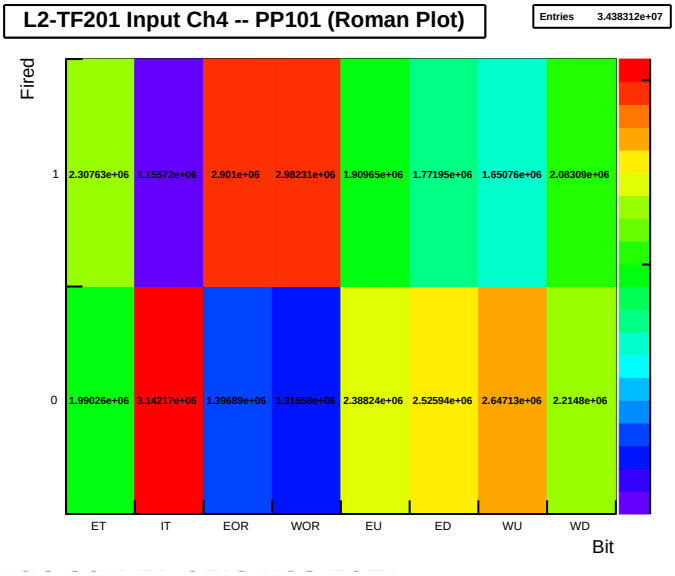

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

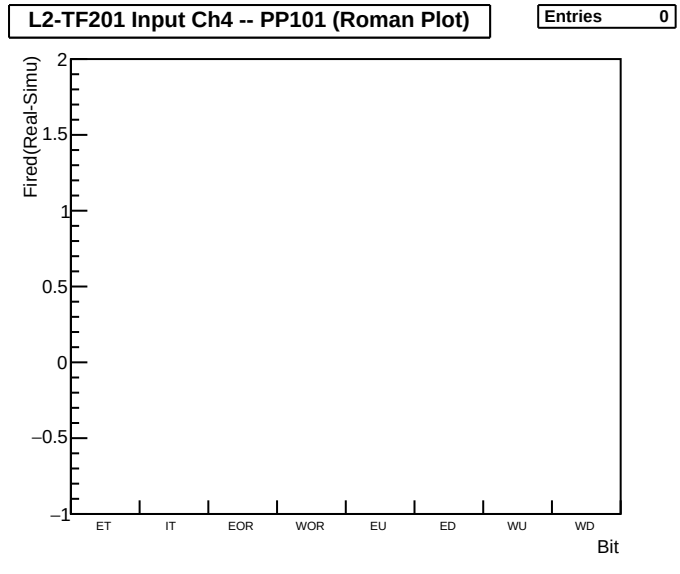

L2-TF201
Entries4297890
TOF total mult

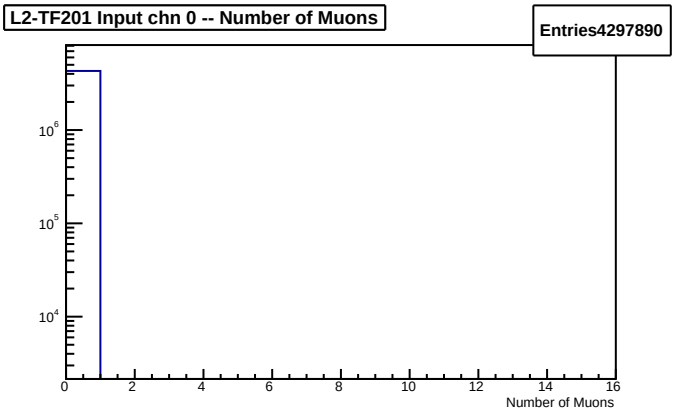

L2-TF201
Entries 0
TOF total mult(Real-Simu)

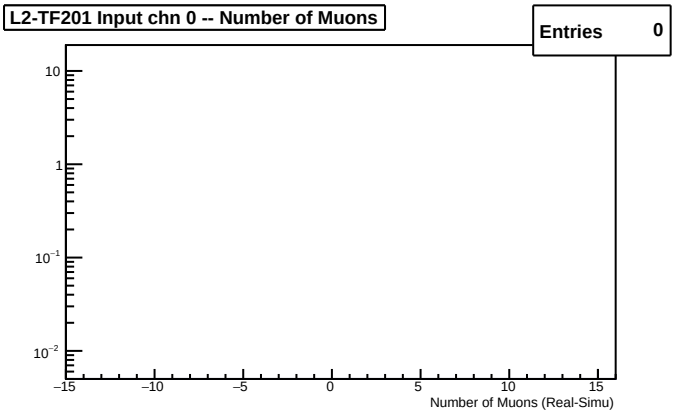

L2-TF201
Entries 3.008523e+07
Threshold/UPC bits
1.56958e+06
1.52779e+06
498985
1.48872e+06
1.53709e+06
1.47345e+06
1.44181e+06
2.72831e+06
2.7701e+06
3.7989e+06
2.80917e+06
2.7608e+06
2.82444e+06
2.85608e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

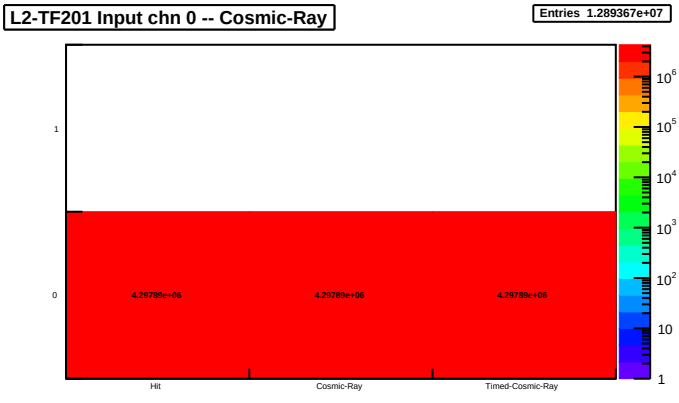

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

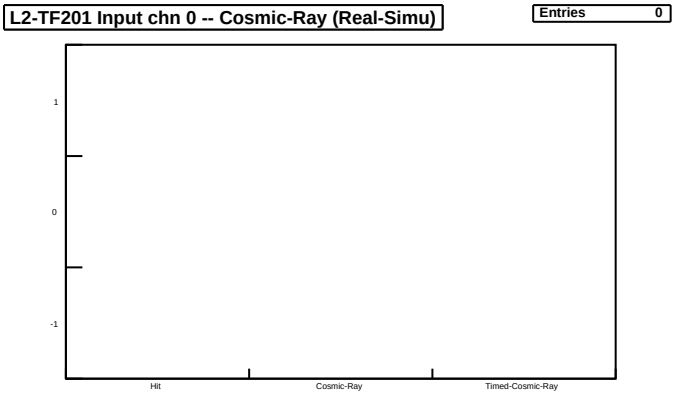

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.438312e+07
Fired
2.30763e+06
1.15572e+06
2.901e+06
2.98231e+06
1.90965e+06
1.77195e+06
1.65076e+06
2.08309e+06
1.99026e+06
3.14217e+06
1.39689e+06
1.31558e+06
2.38824e+06
2.52594e+06
2.64713e+06
2.2148e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

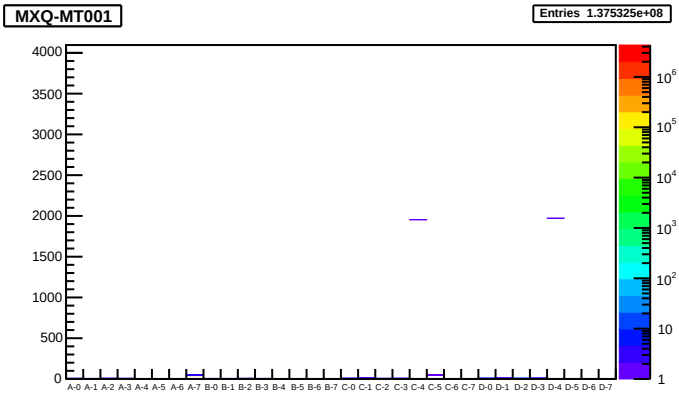

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

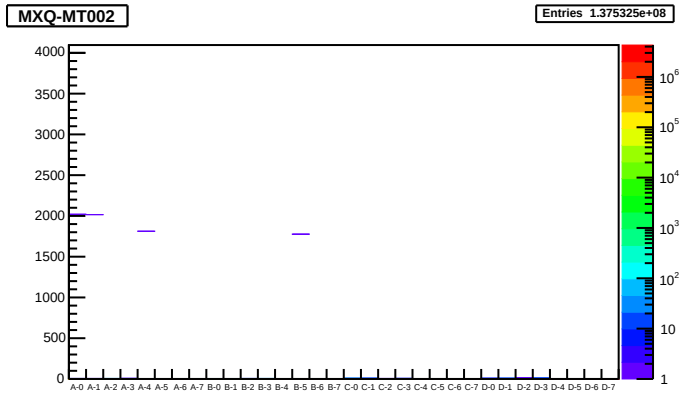

L2-TF201 Input chn 0 -- Number of Muons
Entries4297890
Number of Muons

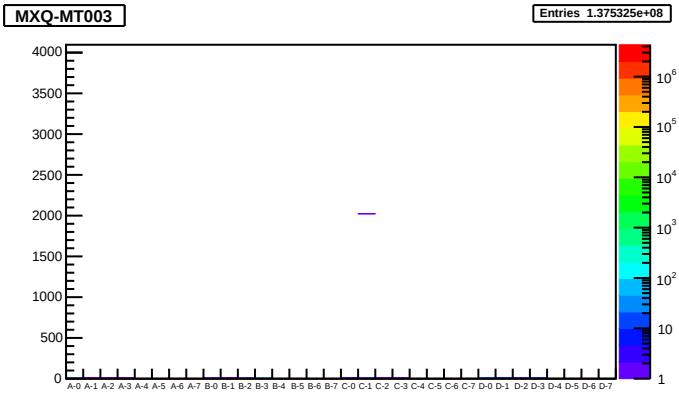

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

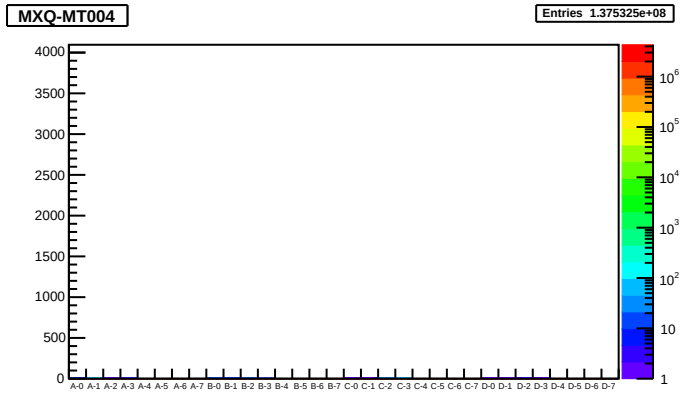

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.289367e+07
4.29789e+06
4.29789e+06
4.29789e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

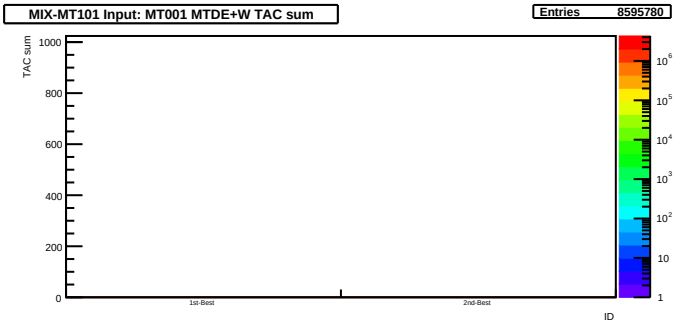

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

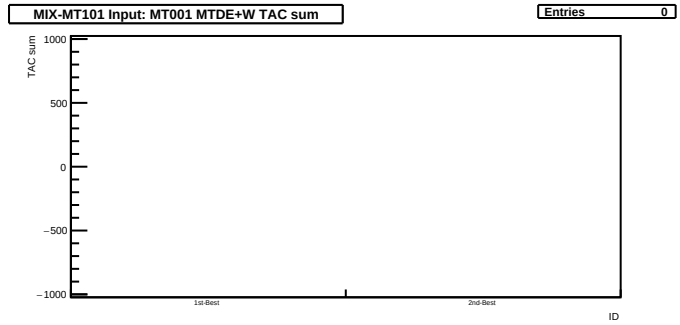

MXQ-MT001
Entries 1.375325e+08

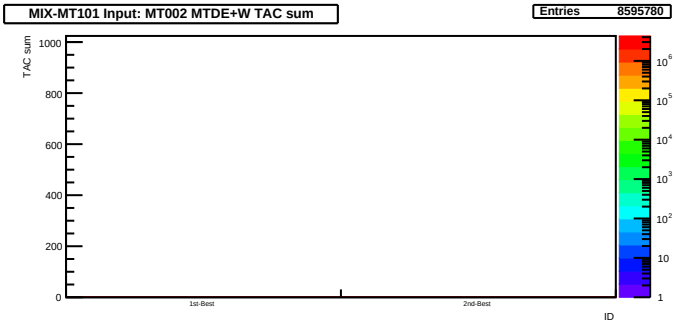

MXQ-MT002
Entries 1.375325e+08

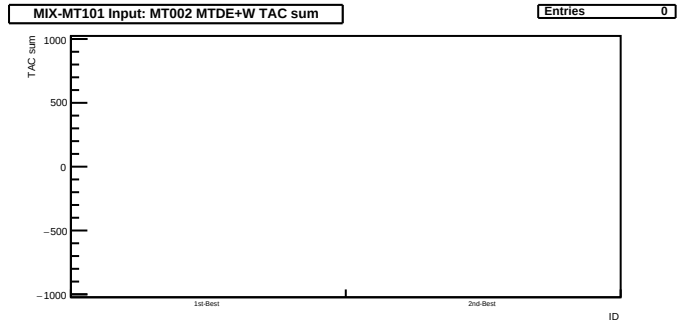

MXQ-MT003
Entries 1.375325e+08

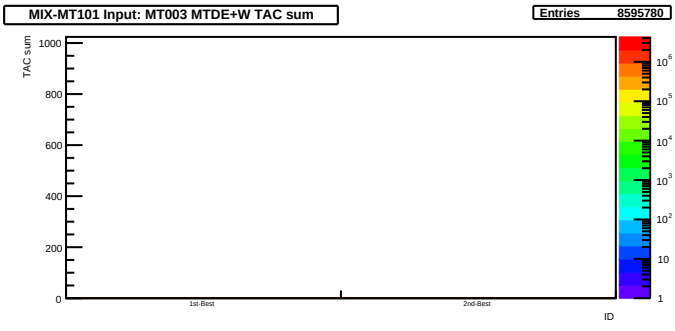

MXQ-MT004
Entries 1.375325e+08

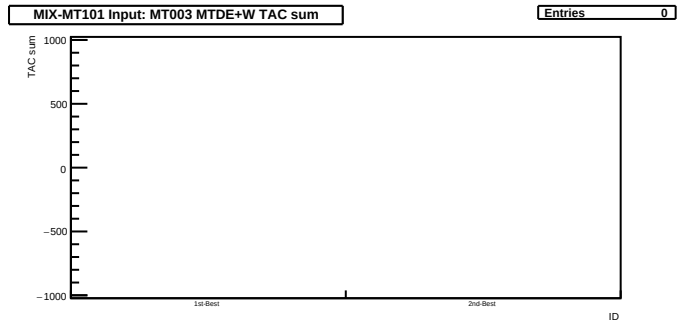

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8595780
TAC sum
ID
1st-Best
2nd-Best

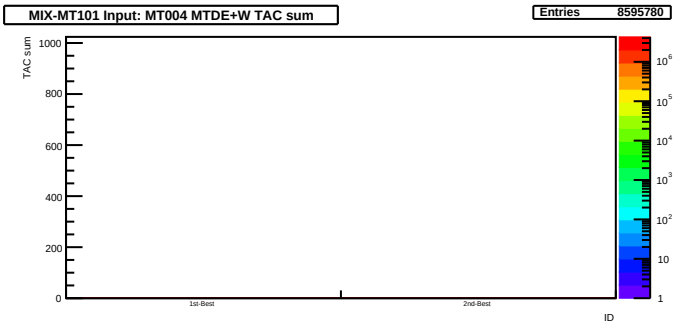

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

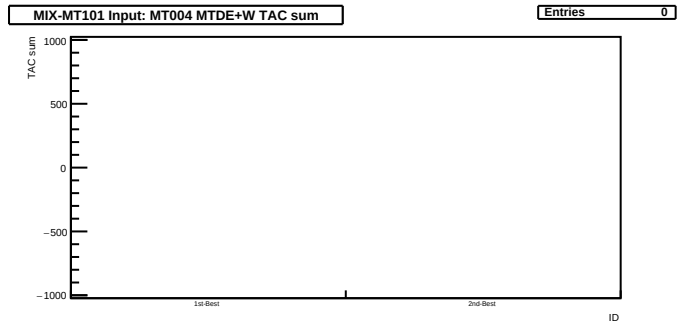

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8595780
TAC sum
ID
1st-Best
2nd-Best

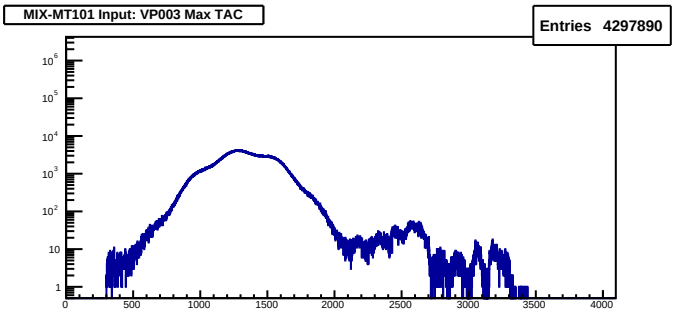

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

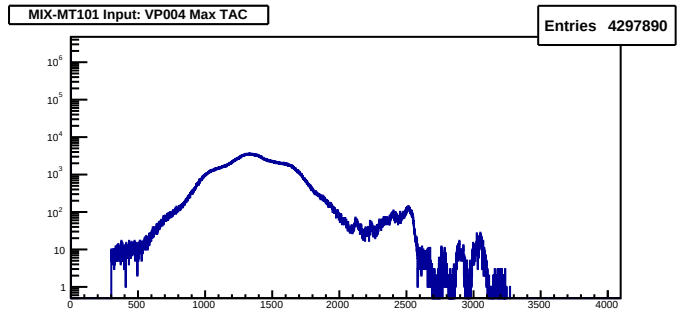

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8595780
TAC sum
ID
1st-Best
2nd-Best

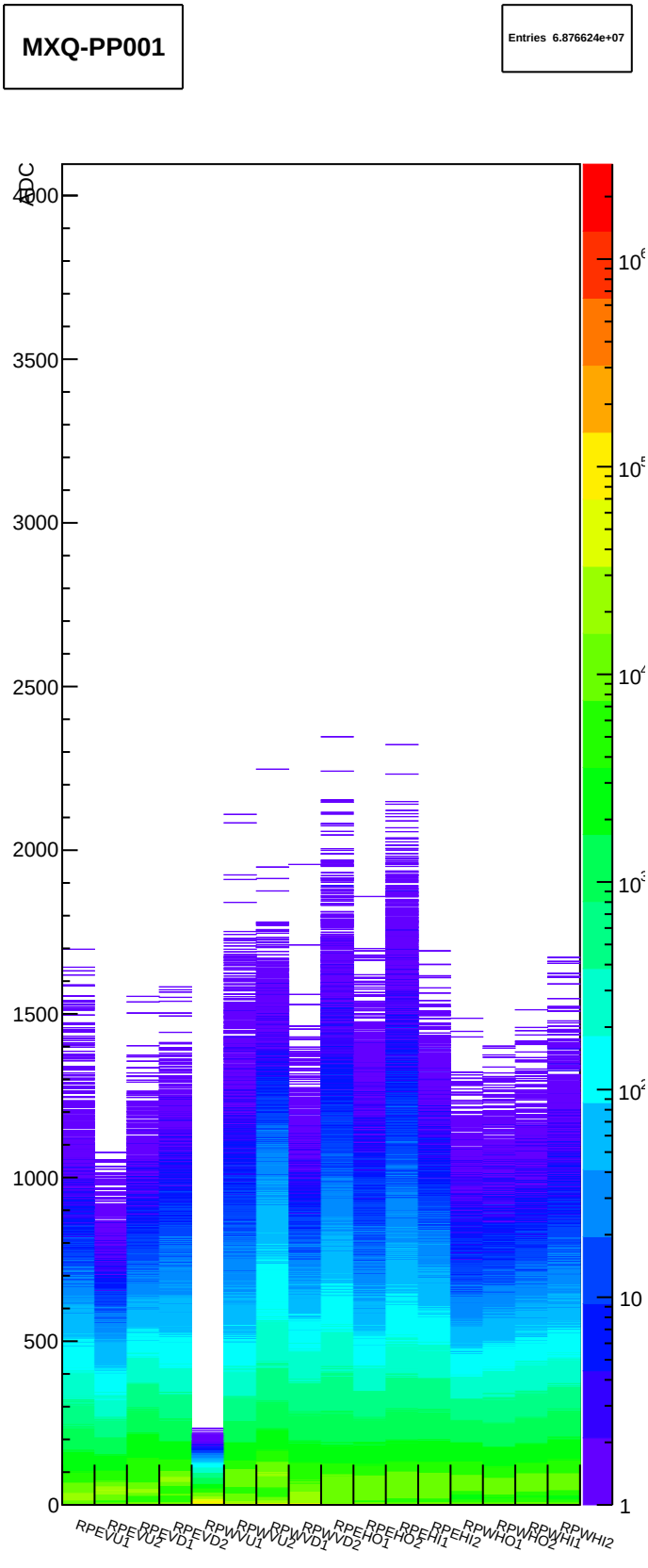

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
ID
1st-Best
2nd-Best

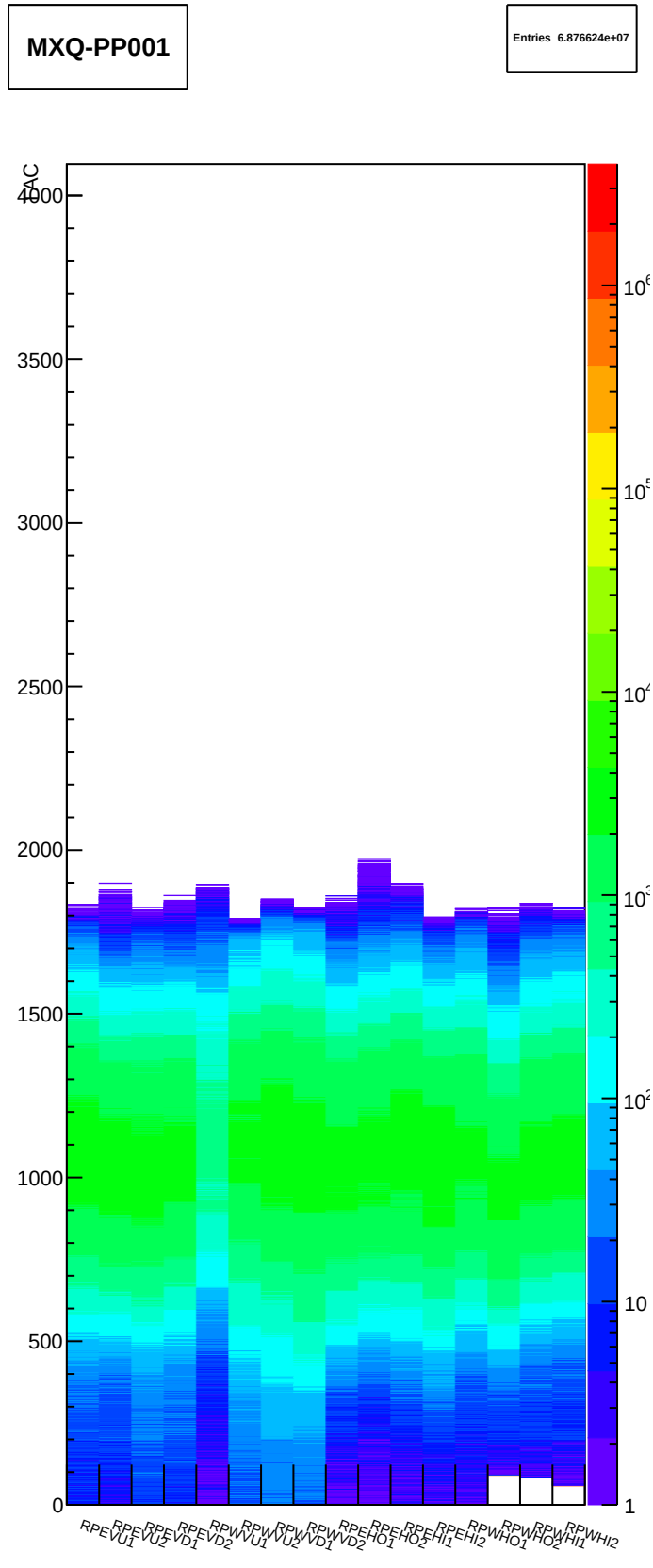

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8595780
TAC sum
ID
1st-Best
2nd-Best


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


MIX-MT101 Input: VP003 Max TAC
Entries 4297890


MIX-MT101 Input: VP004 Max TAC
Entries 4297890


MXQ-PP001
Entries 6.876624e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 6.876624e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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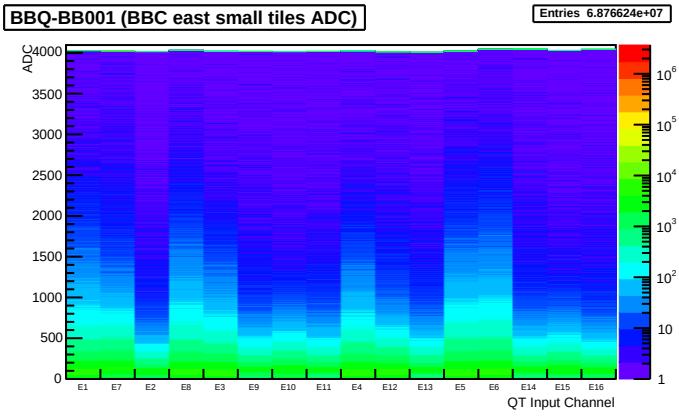
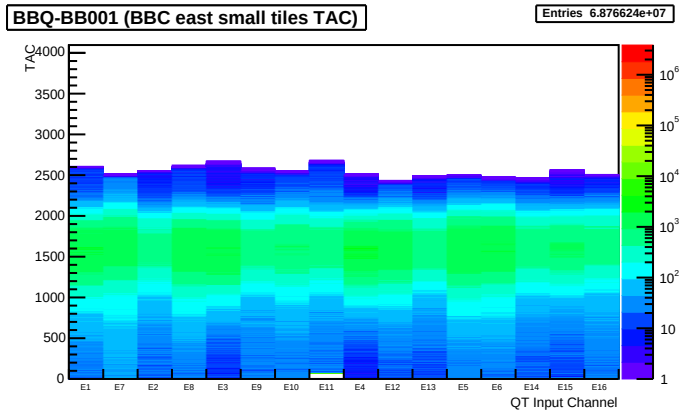
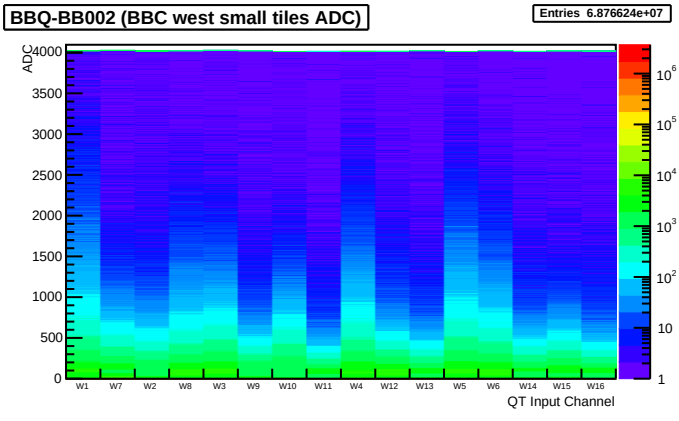
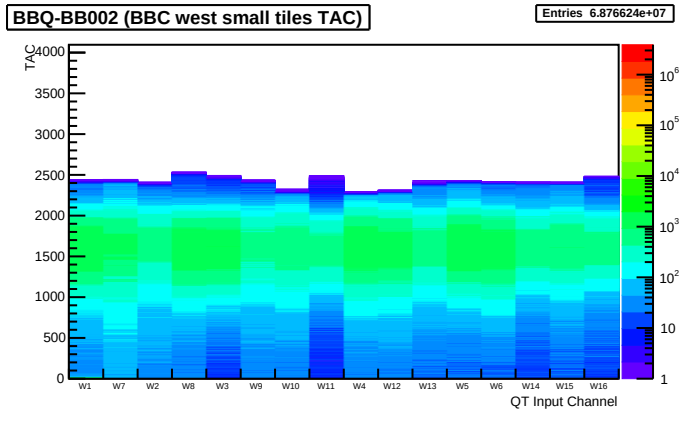
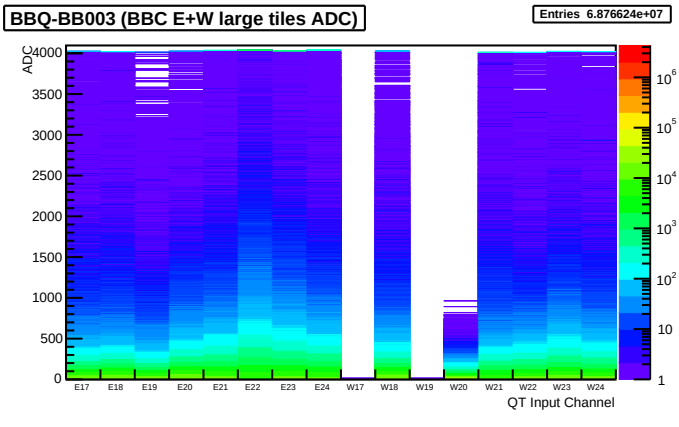
10^4
10^3
10^2
10
1

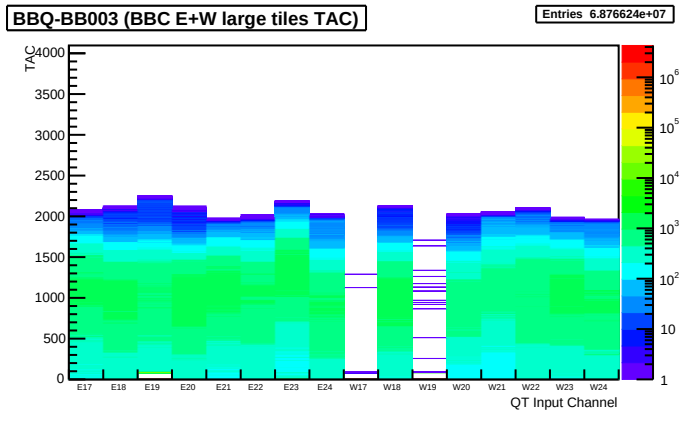

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.876624e+07
ADC
QT Input Channel

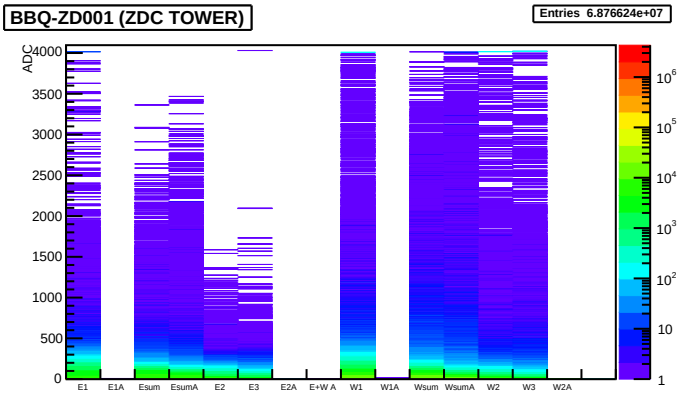

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.876624e+07
TAC
QT Input Channel

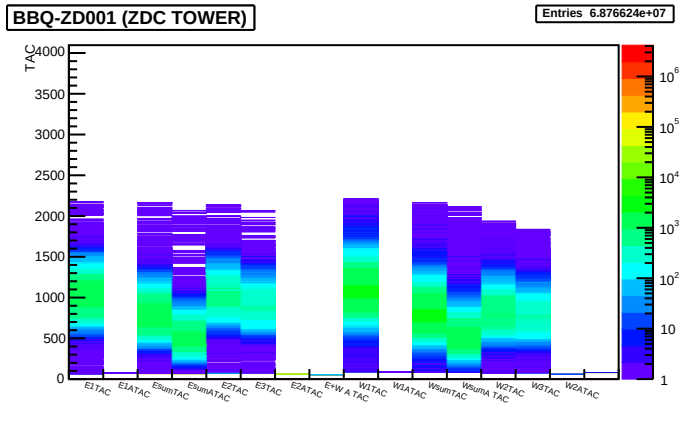

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.876624e+07
ADC
QT Input Channel

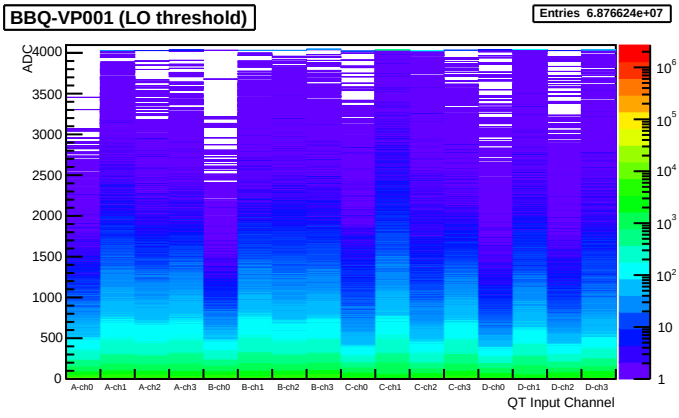

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.876624e+07
TAC
QT Input Channel

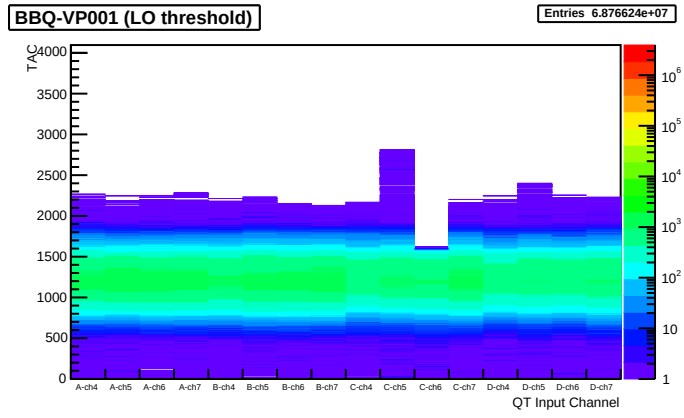

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.876624e+07
ADC
QT Input Channel

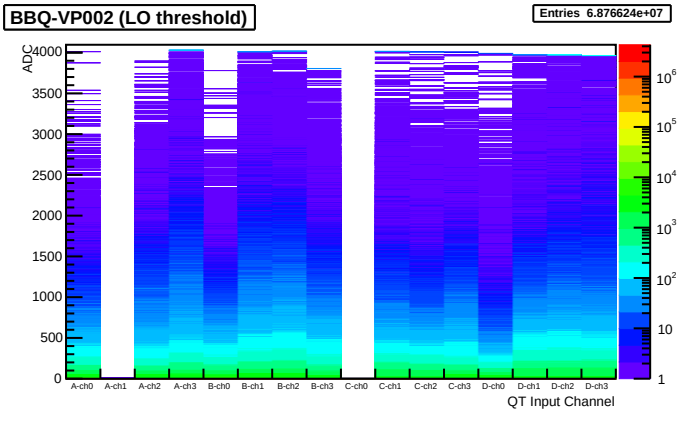

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.876624e+07
TAC
QT Input Channel

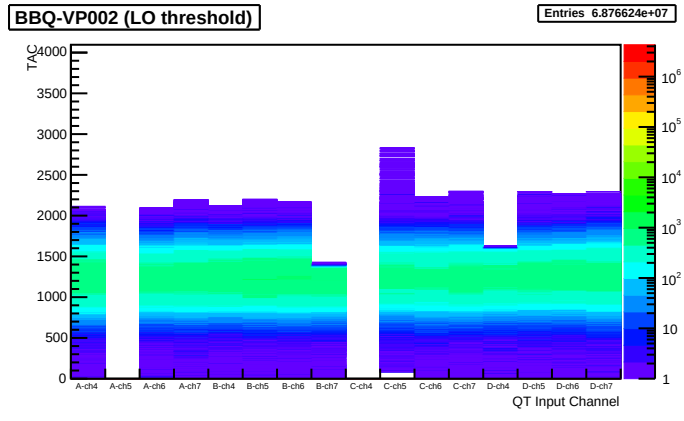

BBQ-ZD001 (ZDC TOWER)
Entries 6.876624e+07
ADC

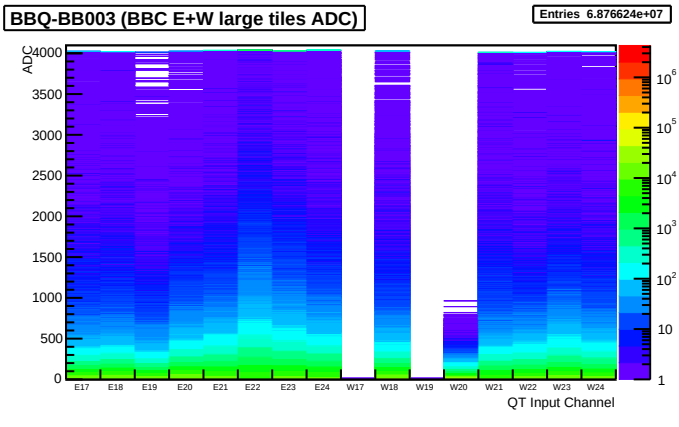

BBQ-ZD001 (ZDC TOWER)
Entries 6.876624e+07
TAC

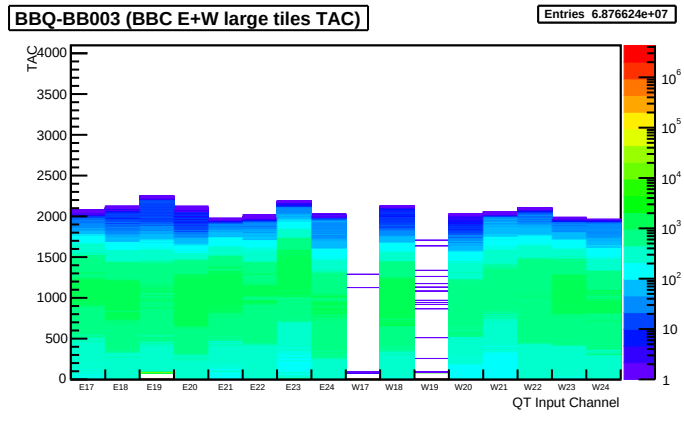

BBQ-VP001 (LO threshold)
Entries 6.876624e+07
ADC
QT Input Channel

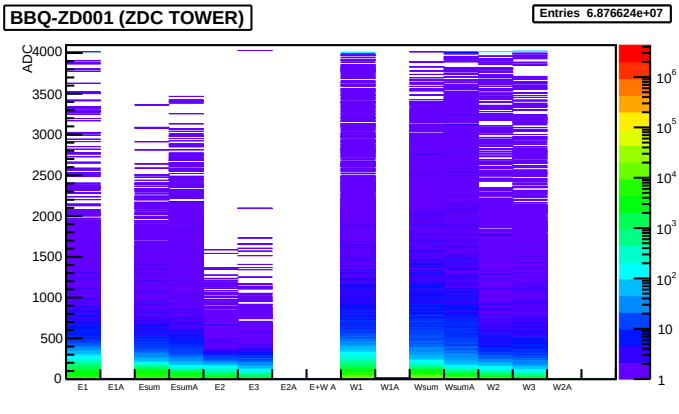

BBQ-VP001 (LO threshold)
Entries 6.876624e+07
TAC
QT Input Channel

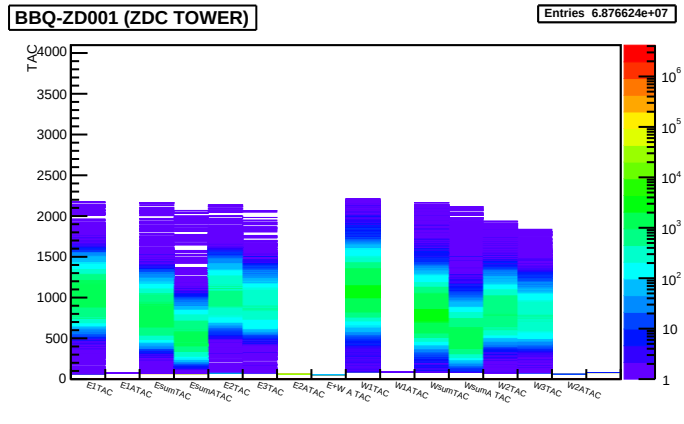

BBQ-VP002 (LO threshold)
Entries 6.876624e+07
ADC
QT Input Channel

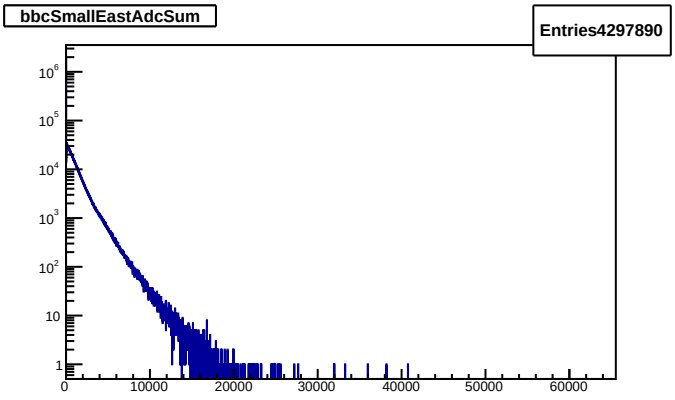

BBQ-VP002 (LO threshold)
Entries 6.876624e+07
TAC
QT Input Channel

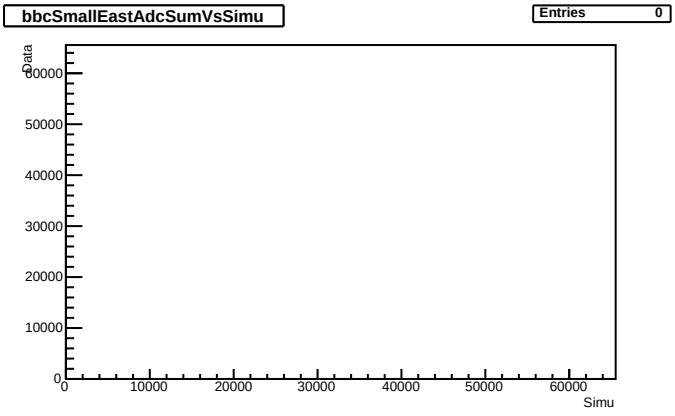

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.876624e+07
ADC
QT Input Channel

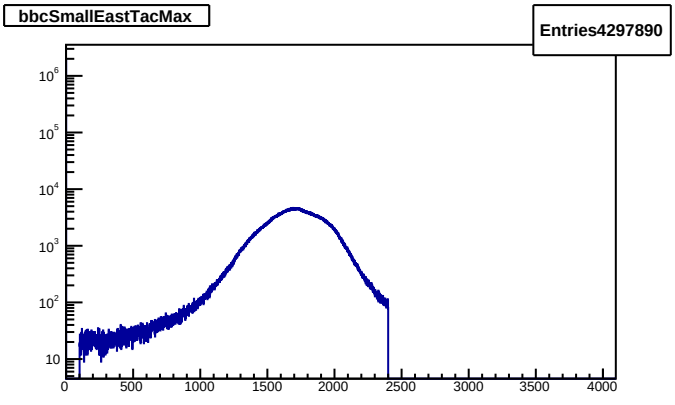

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.876624e+07
TAC
QT Input Channel

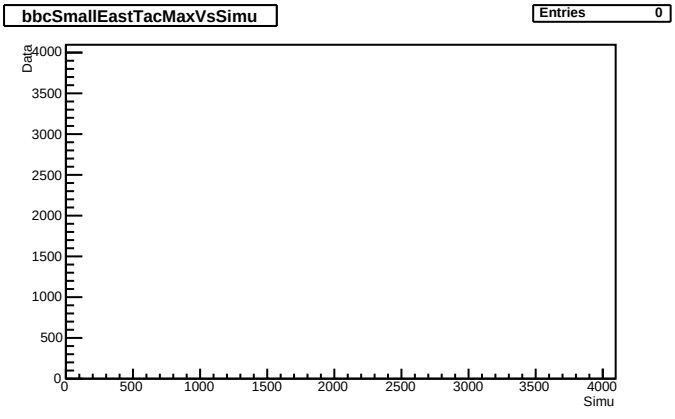

BBQ-ZD001 (ZDC TOWER)
Entries 6.876624e+07
ADC

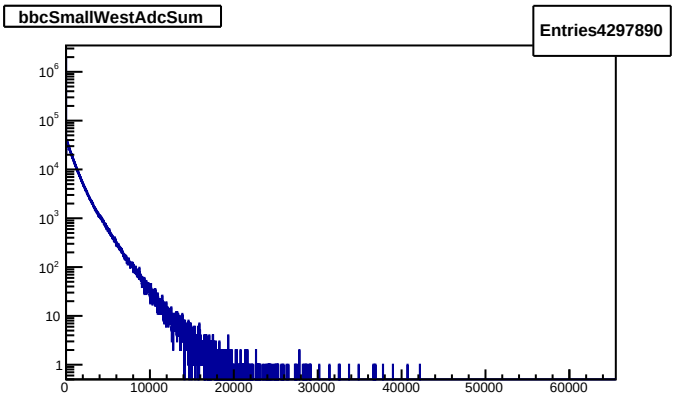

BBQ-ZD001 (ZDC TOWER)
Entries 6.876624e+07
TAC

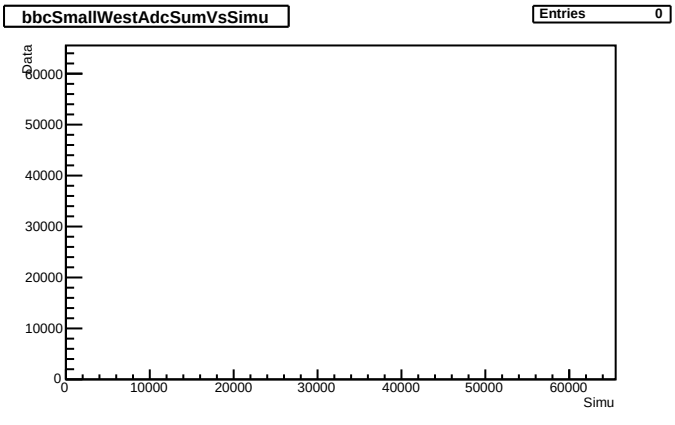

bbcSmallEastAdcSum
Entries4297890

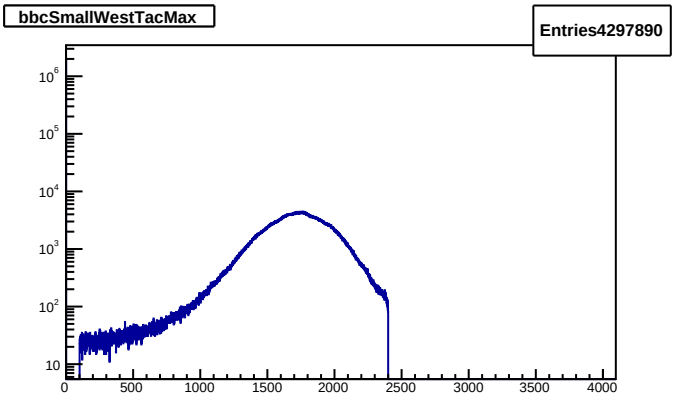

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

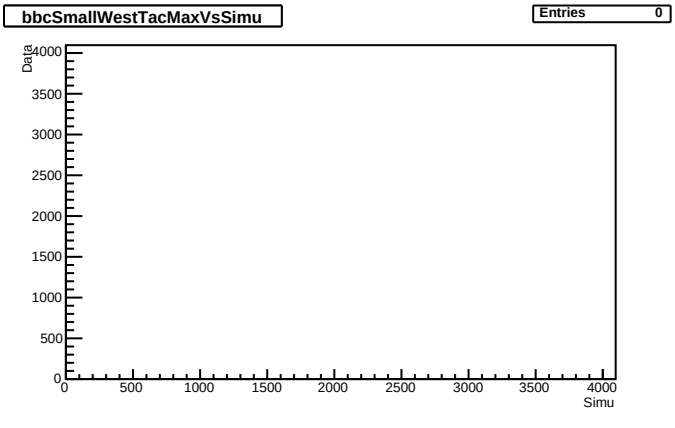

bbcSmallEastTacMax
Entries4297890

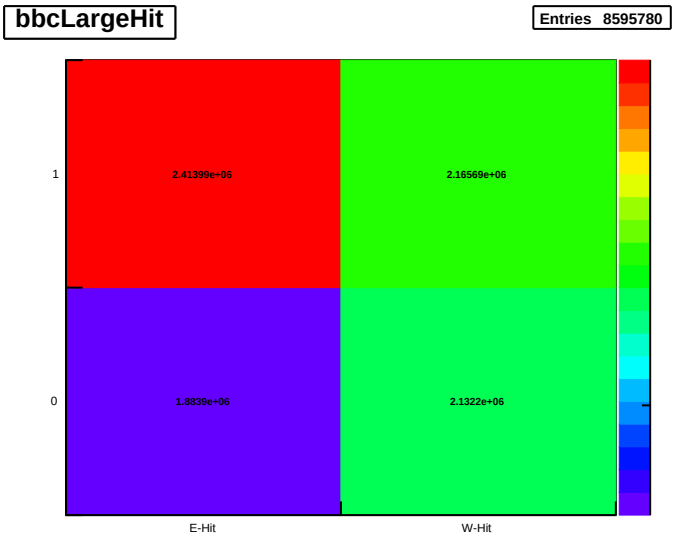

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

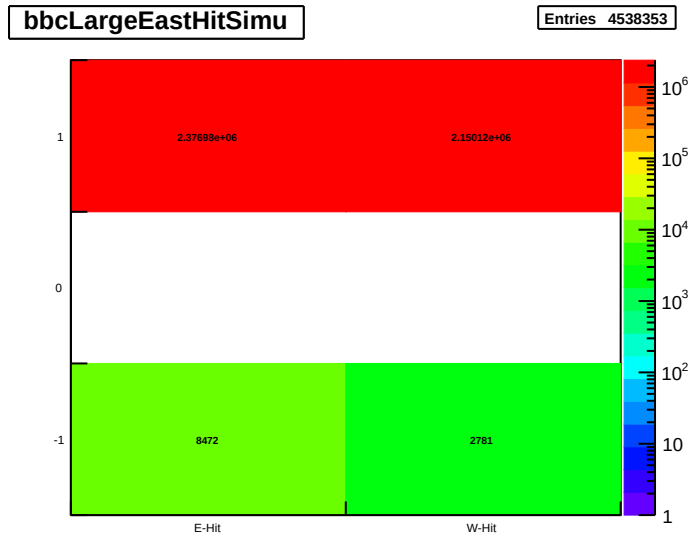

bbcSmallWestAdcSum
Entries4297890

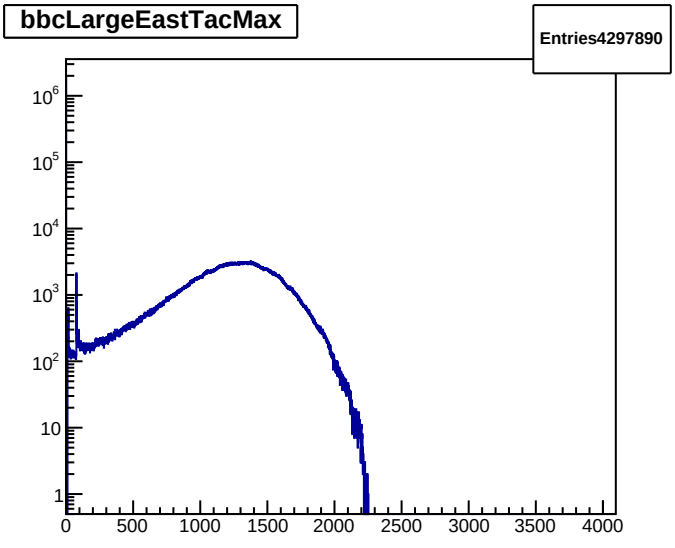

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

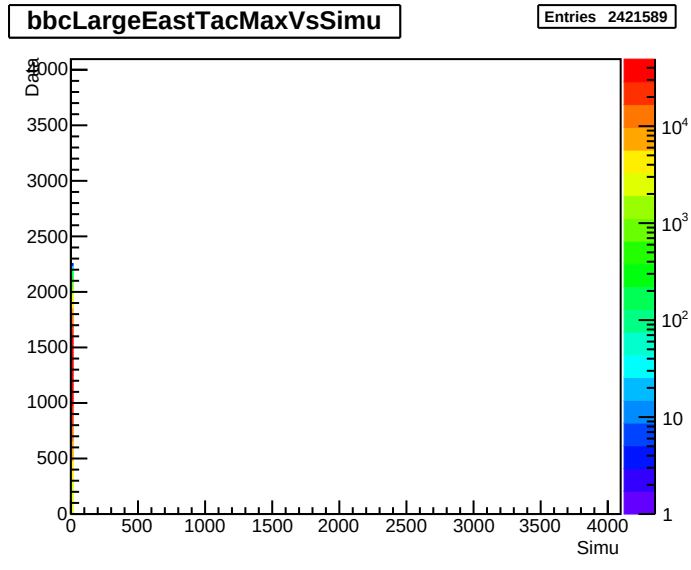

bbcSmallWestTacMax
Entries4297890

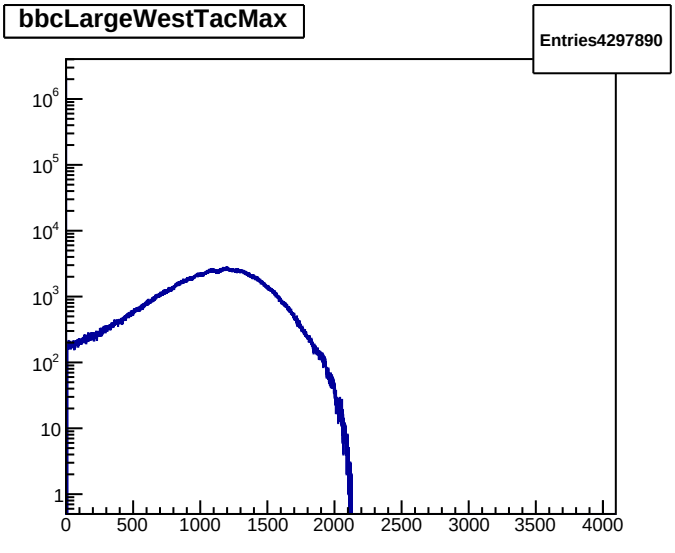

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

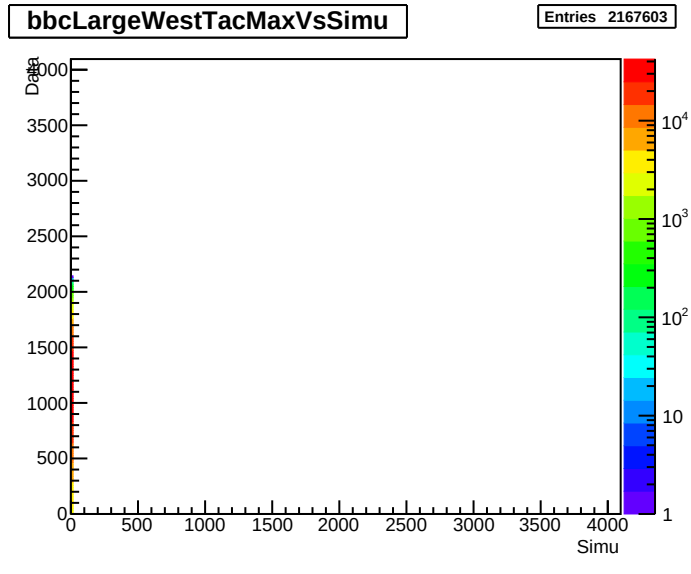

bbcLargeHit
Entries 8595780
2.41399e+06
2.16569e+06
1.8839e+06
2.1322e+06
1
0
E-Hit
W-Hit

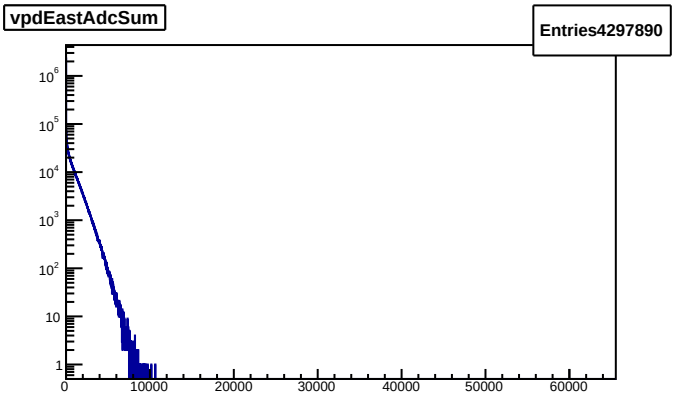

bbcLargeEastHitSimu
Entries 4538353
2.37698e+06
2.15012e+06
8472
2781
1
0
-1
E-Hit
W-Hit

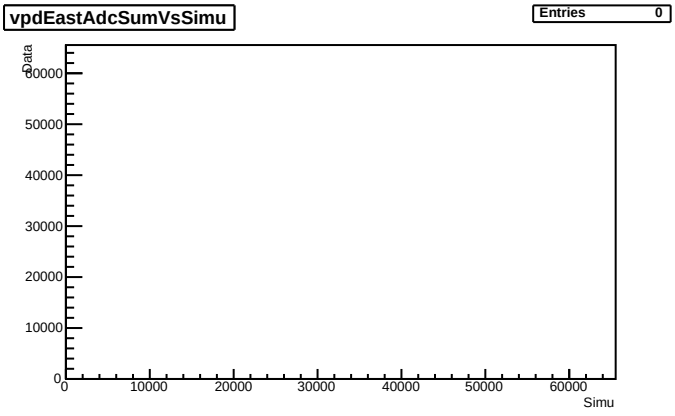

bbcLargeEastTacMax
Entries4297890

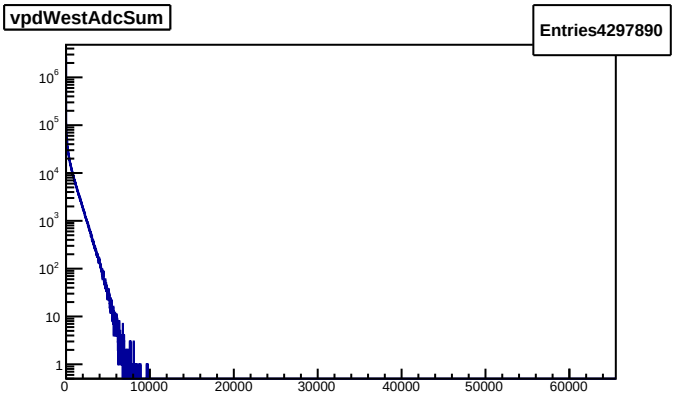

bbcLargeEastTacMaxVsSimu
Entries 2421589
Data
Simu

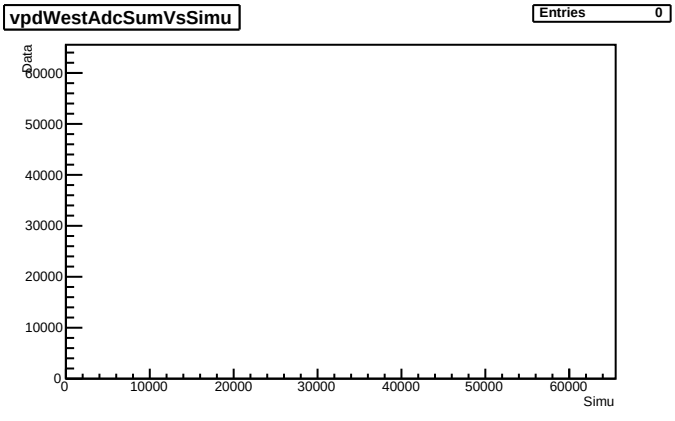

bbcLargeWestTacMax
Entries4297890

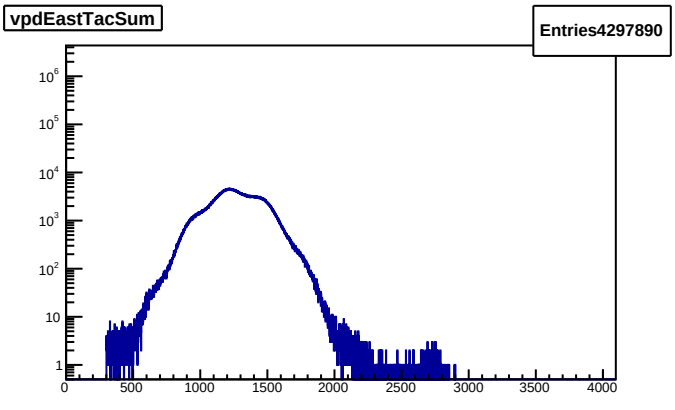

bbcLargeWestTacMaxVsSimu
Entries 2167603
Data
Simu

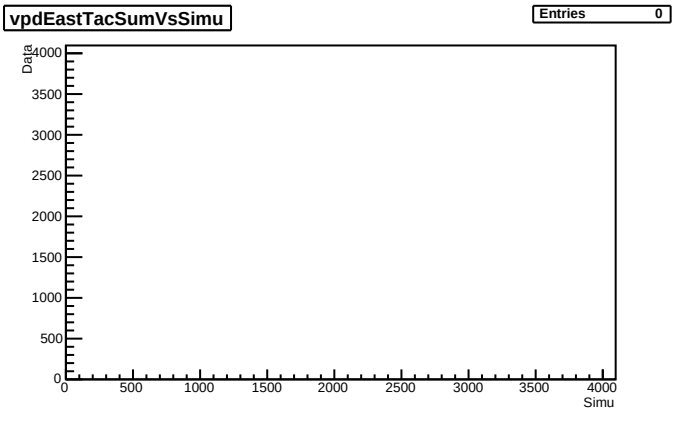

vpdEastAdcSum
Entries4297890

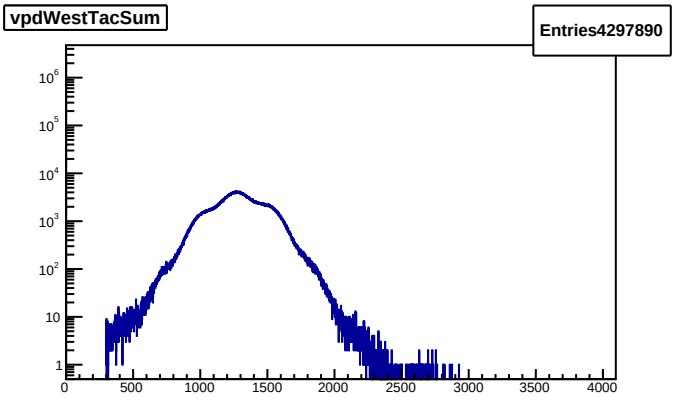

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

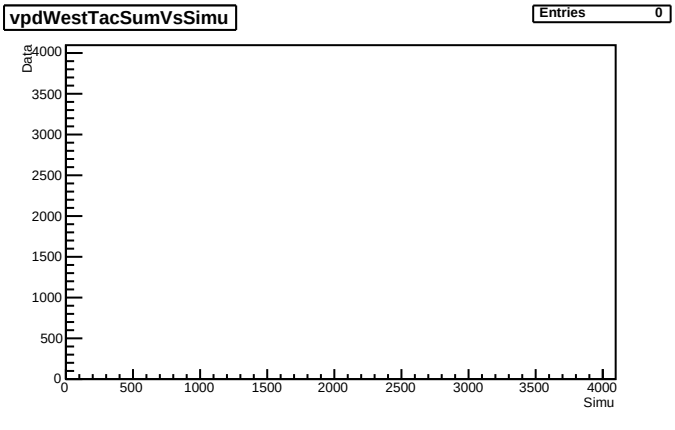

vpdWestAdcSum
Entries4297890

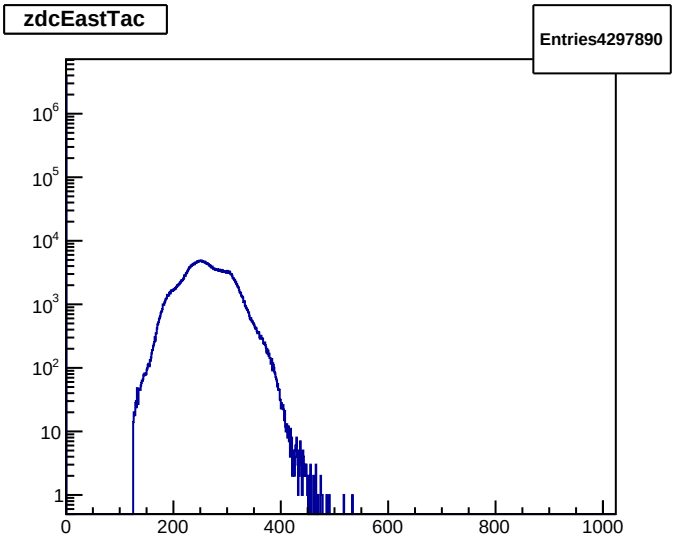

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

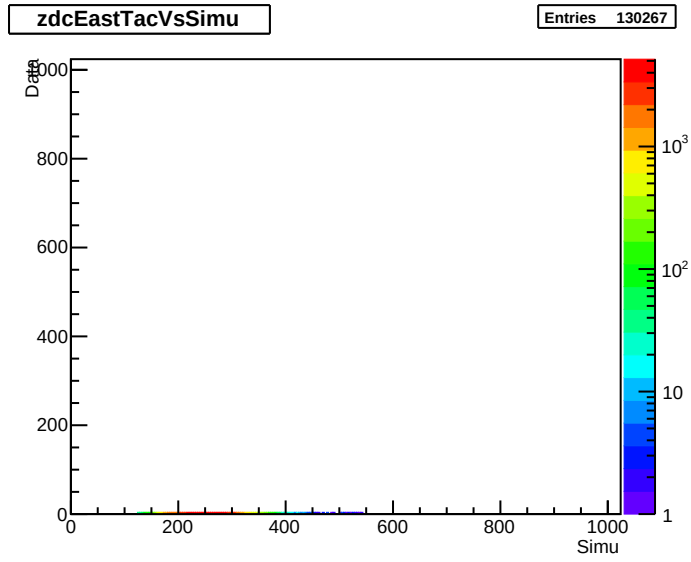

vpdEastTacSum
Entries4297890

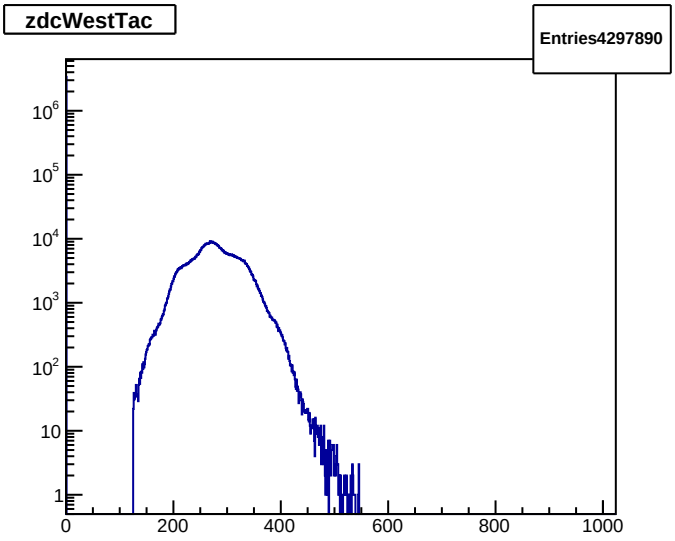

vpdEastTacSumVsSimu
Entries 0
Data
Simu

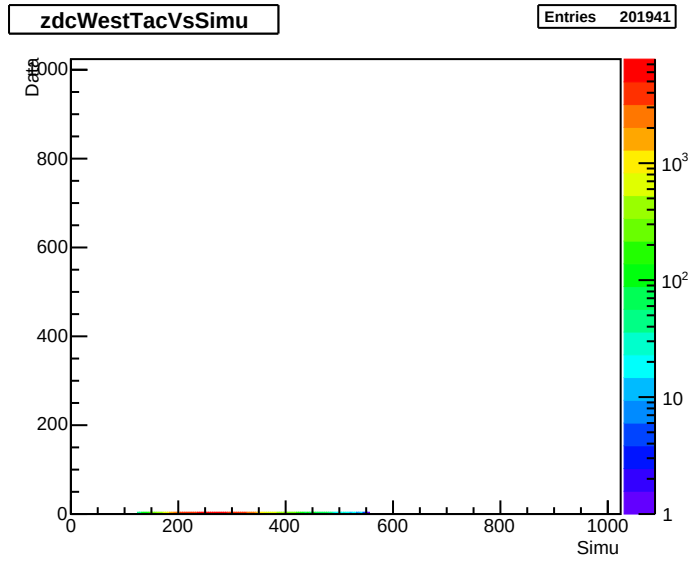

vpdWestTacSum
Entries4297890

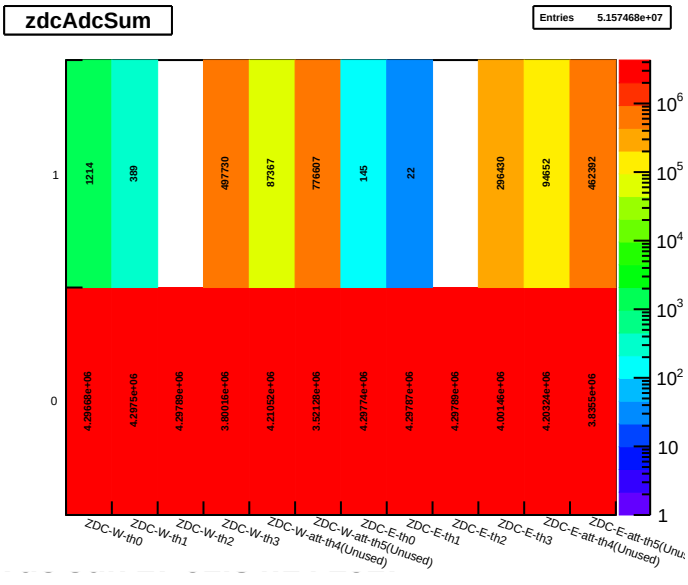

vpdWestTacSumVsSimu
Entries 0
Data
Simu

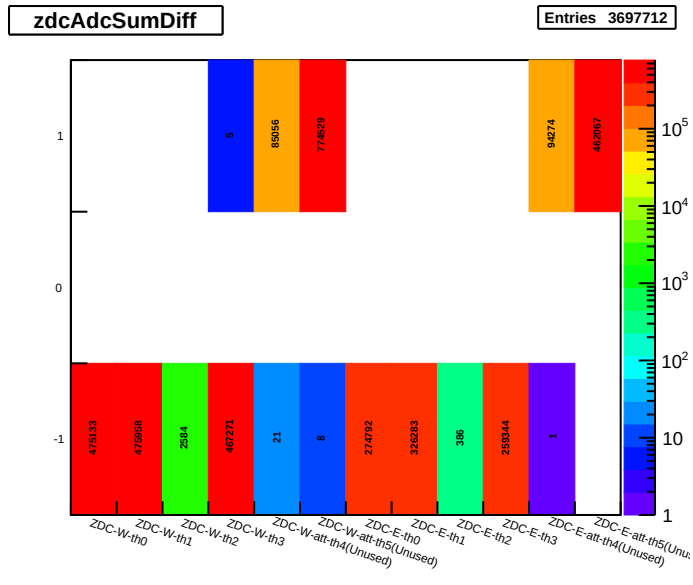

zdcEastTac
Entries4297890

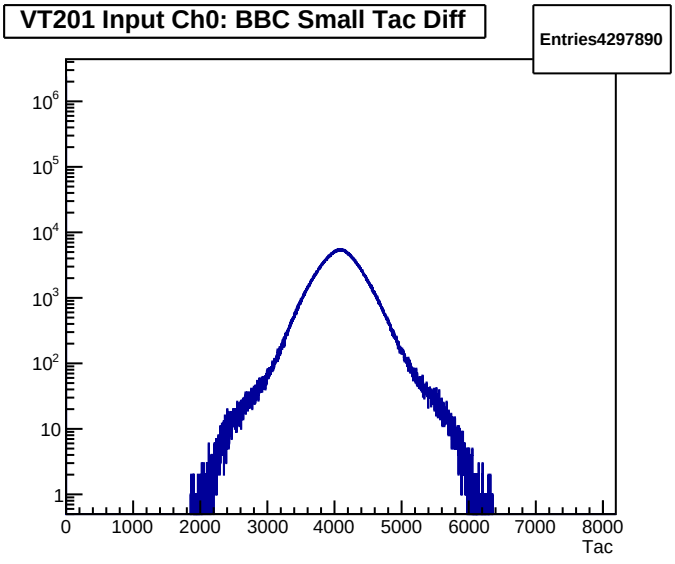

zdcEastTacVsSimu
Entries 130267
Data
Simu

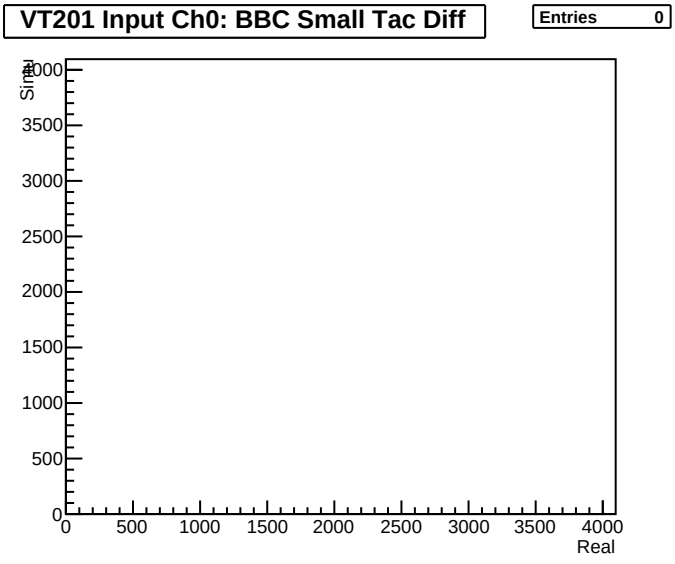

zdcWestTac
Entries4297890

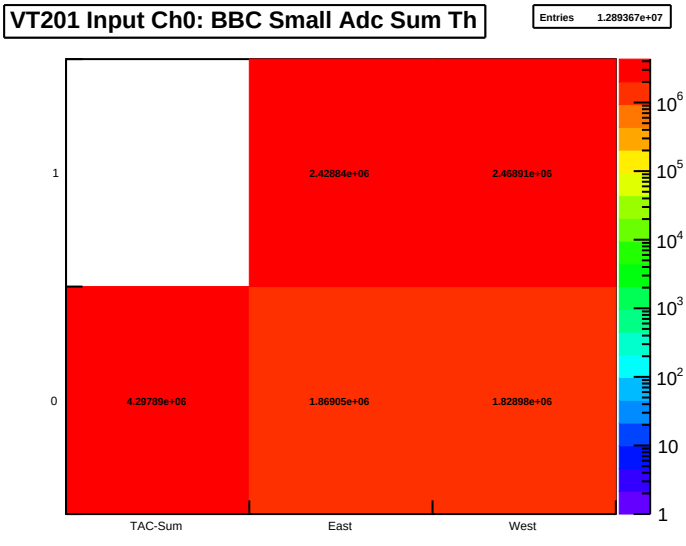

zdcWestTacVsSimu
Entries 201941
Data
Simu

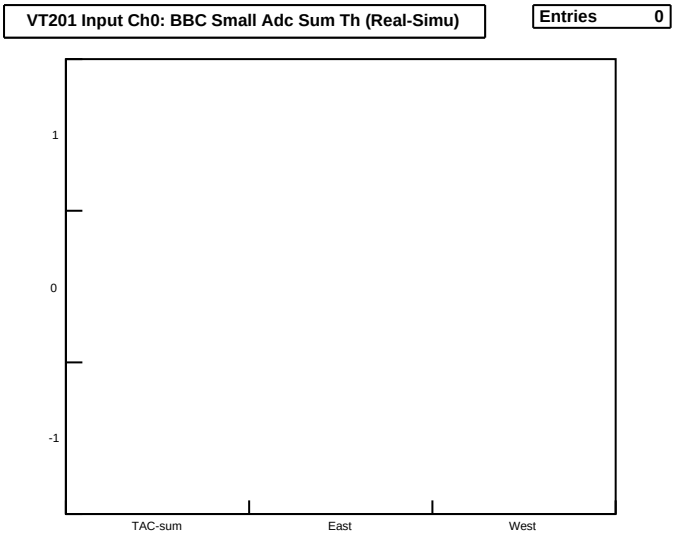

zdcAdcSum
Entries 5.157468e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

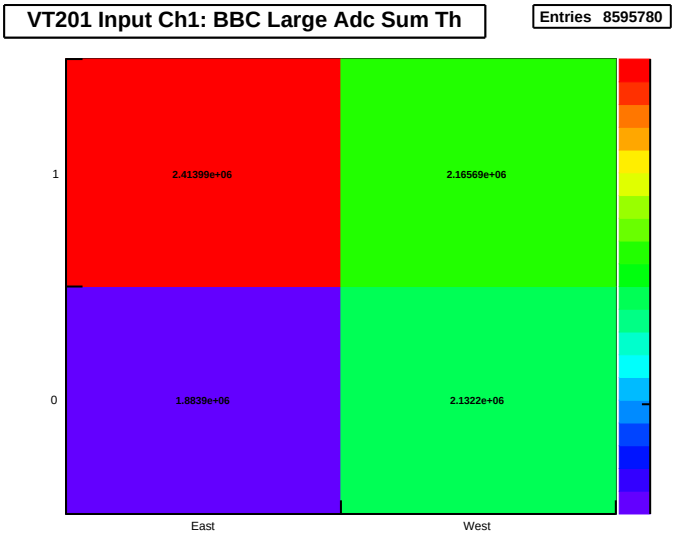

zdcAdcSumDiff
Entries 3697712
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

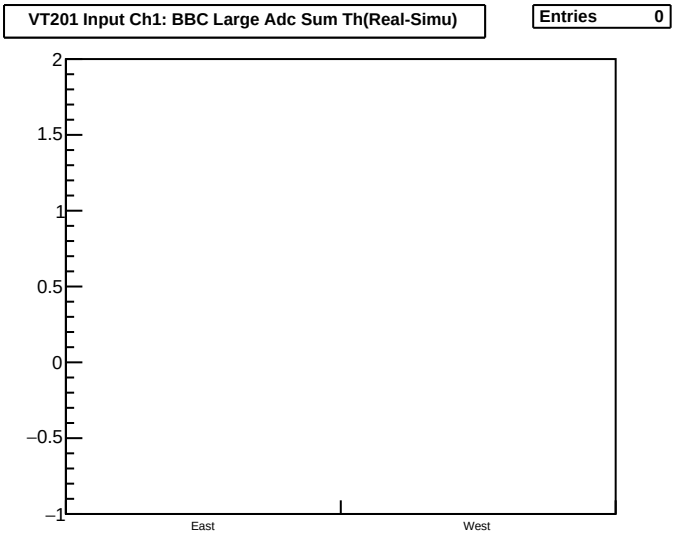

VT201 Input Ch0: BBC Small Tac Diff
Entries4297890
Tac


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

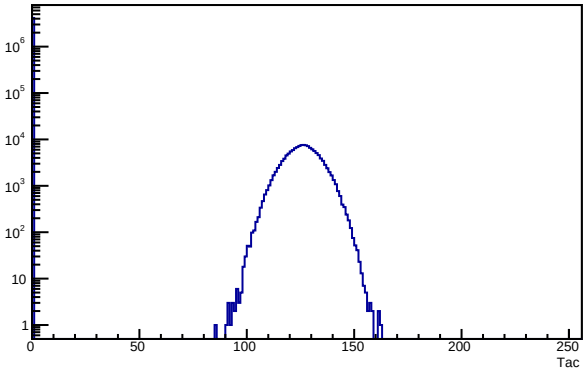

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.289367e+07
2.42884e+06
2.46891e+06
4.29789e+06
1.86905e+06
1.82898e+06
TAC-Sum
East
West


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

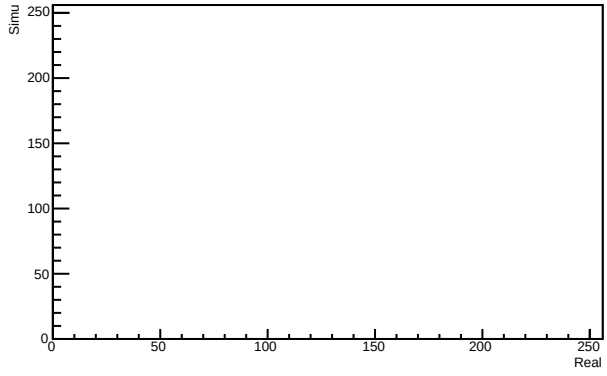

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8595780
2.41399e+06
2.16569e+06
1.8839e+06
2.1322e+06
East
West


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

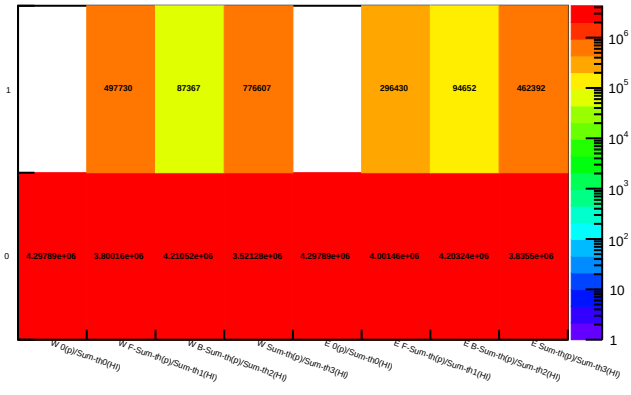
VT201 Input Ch2: ZDC Tac Diff



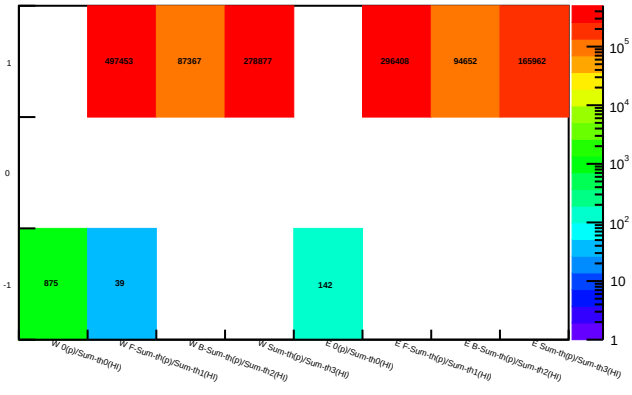
VT201 Input Ch2: ZDC Tac Diff



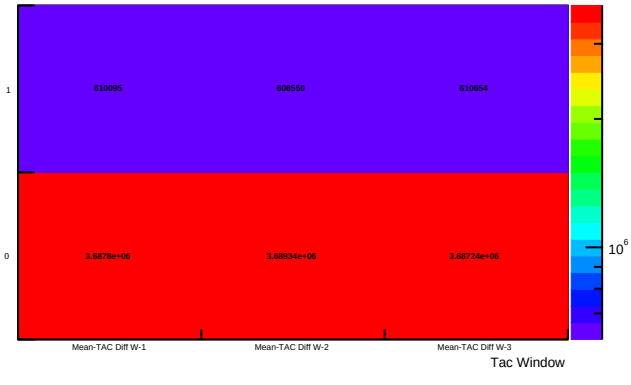
VT201 Input Ch2: ZDC Adc Sum Th



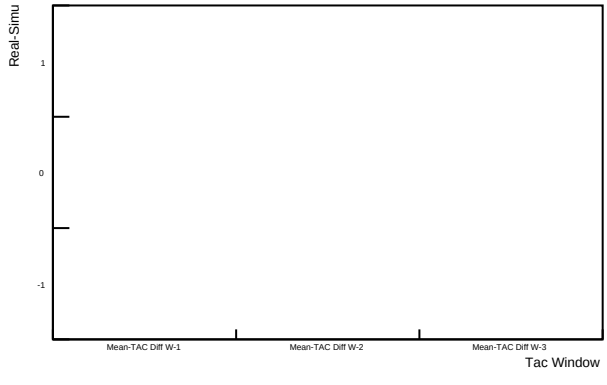
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



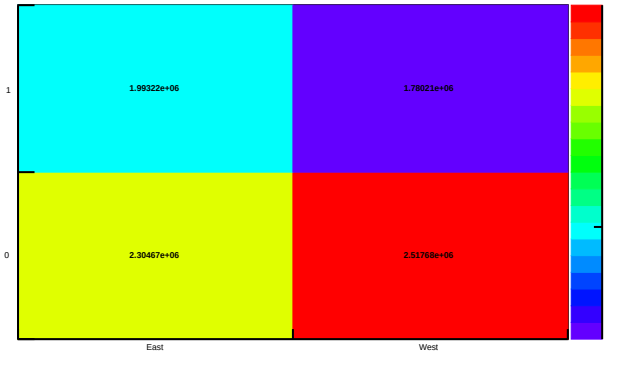
VT201 Input Ch4: VPD Tac Diff



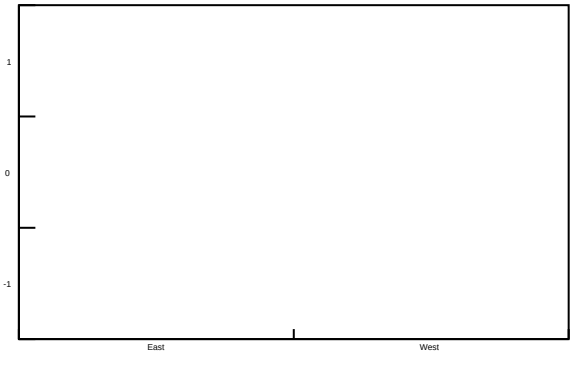
VT201 Input Ch4: VPD Tac Diff

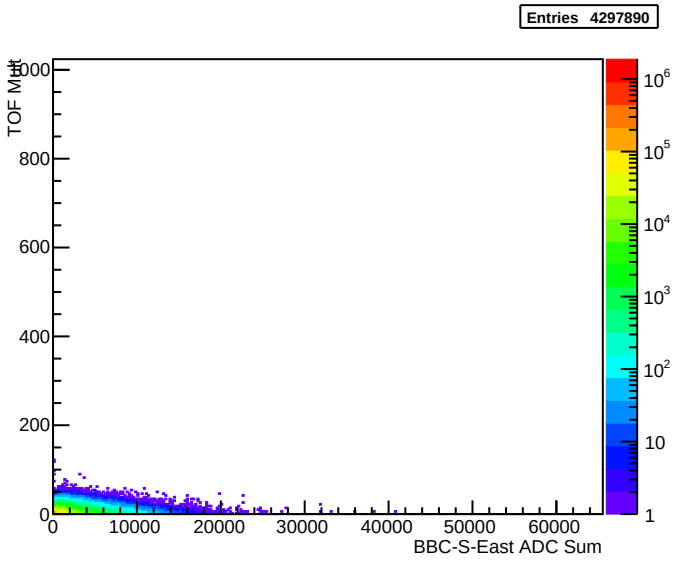


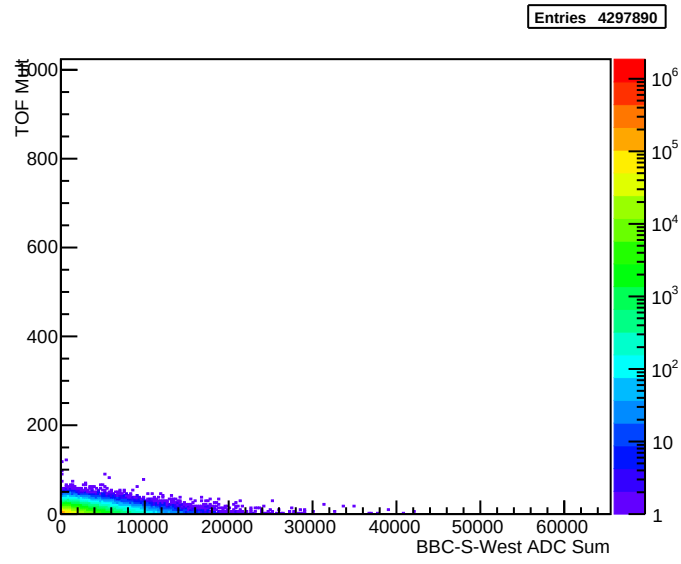
VT201 Input Ch4: VPD Adc Sum Th

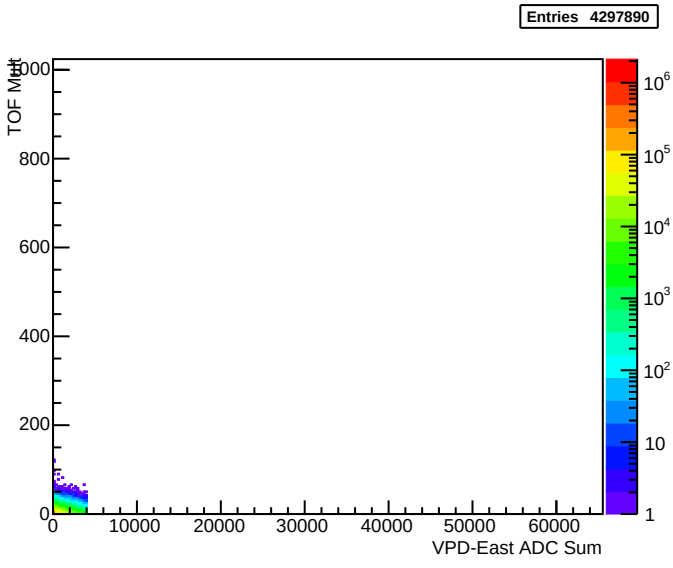


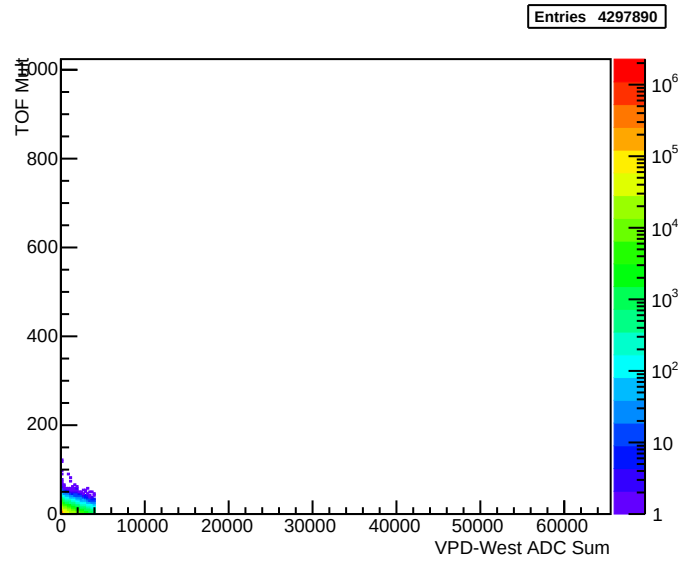
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

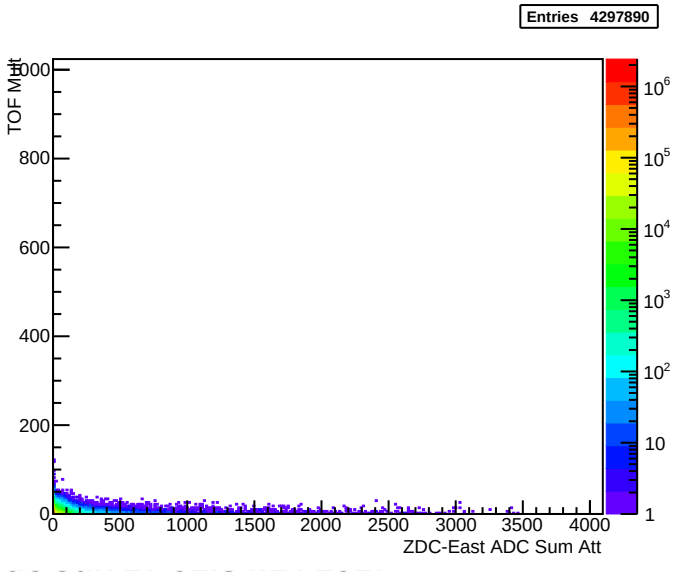


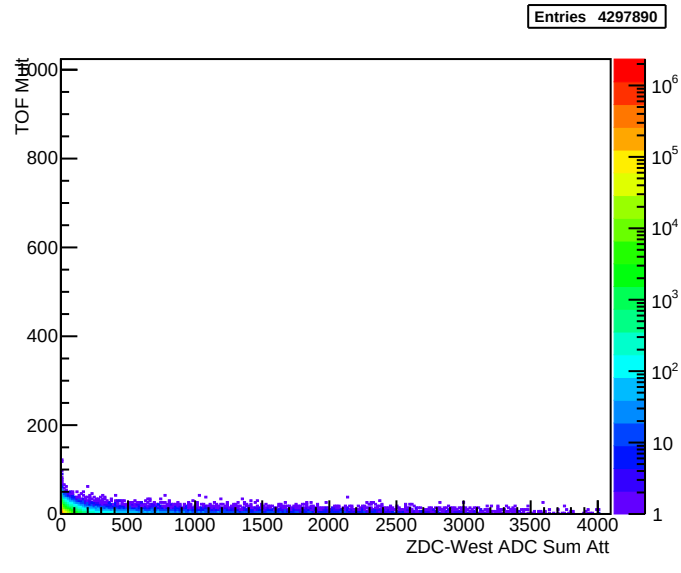

Entries 4297890
TOF Mult
BBC-S-East ADC Sum

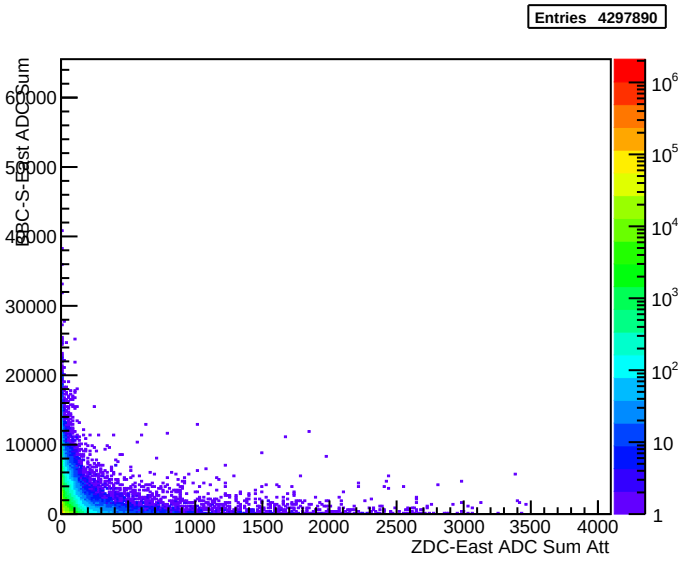

Entries 4297890
TOF Mult
BBC-S-West ADC Sum

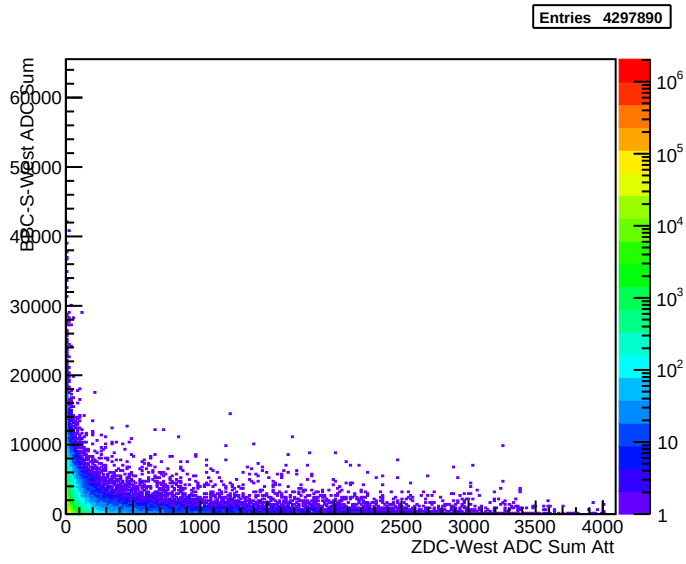

Entries 4297890
TOF Mult
VPD-East ADC Sum

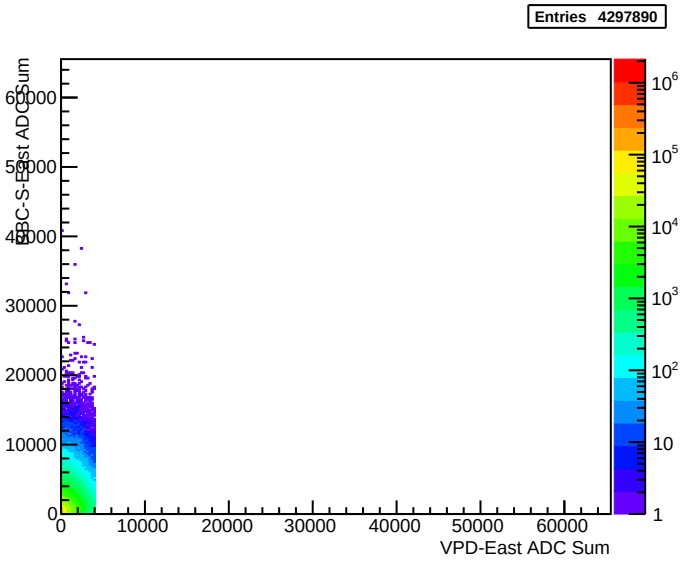

Entries 4297890
TOF Mult
VPD-West ADC Sum

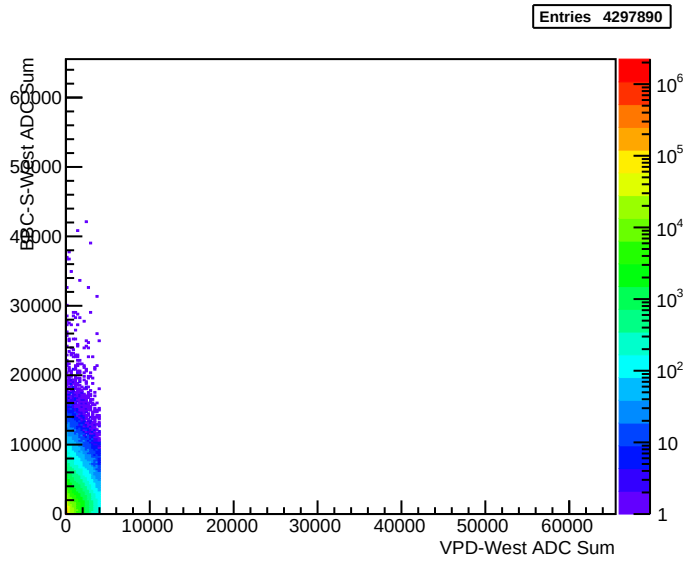

Entries 4297890
TOF Mult
ZDC-East ADC Sum Att

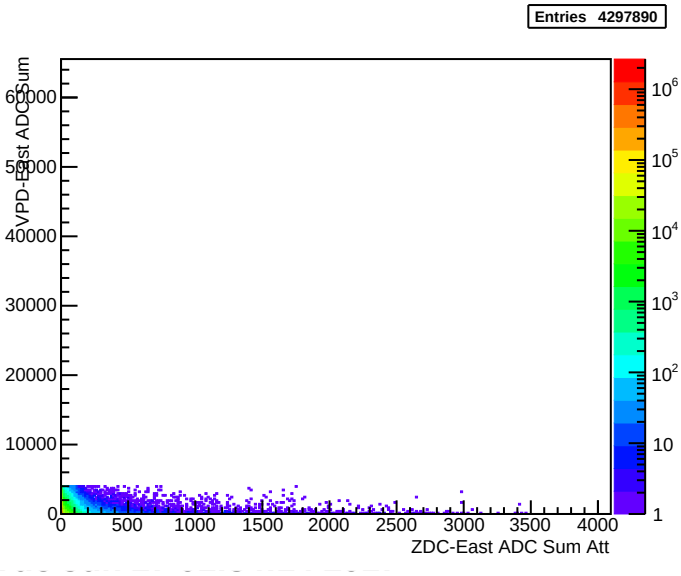

Entries 4297890
TOF Mult
ZDC-West ADC Sum Att

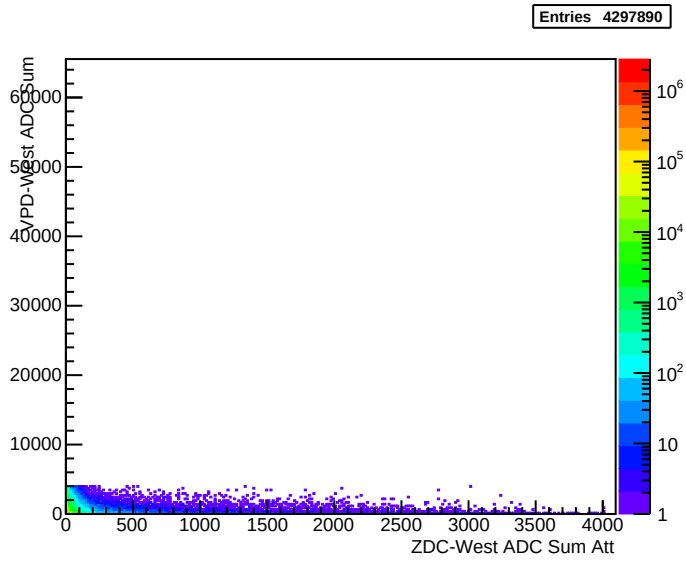

Entries 4297890
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

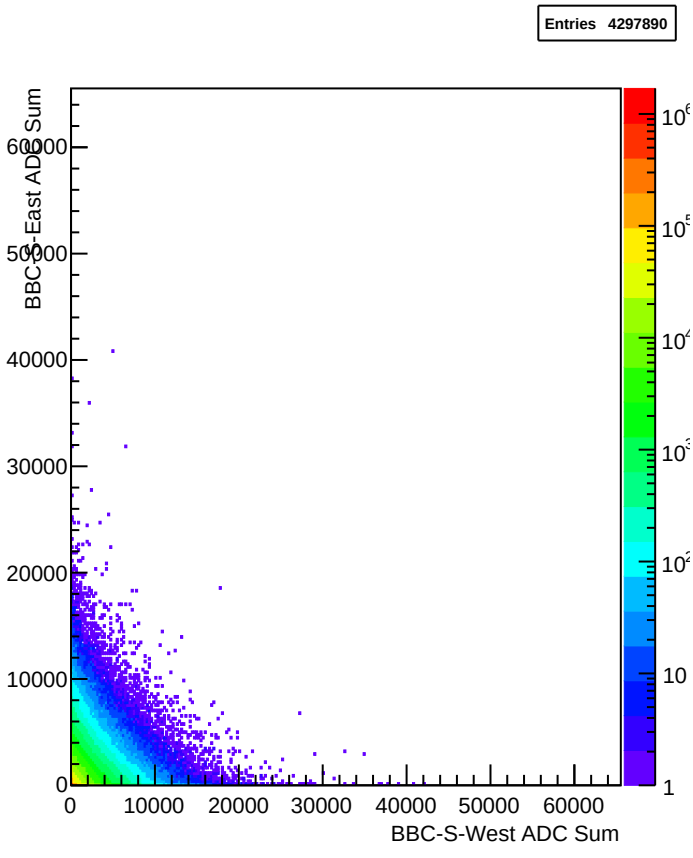

Entries 4297890
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

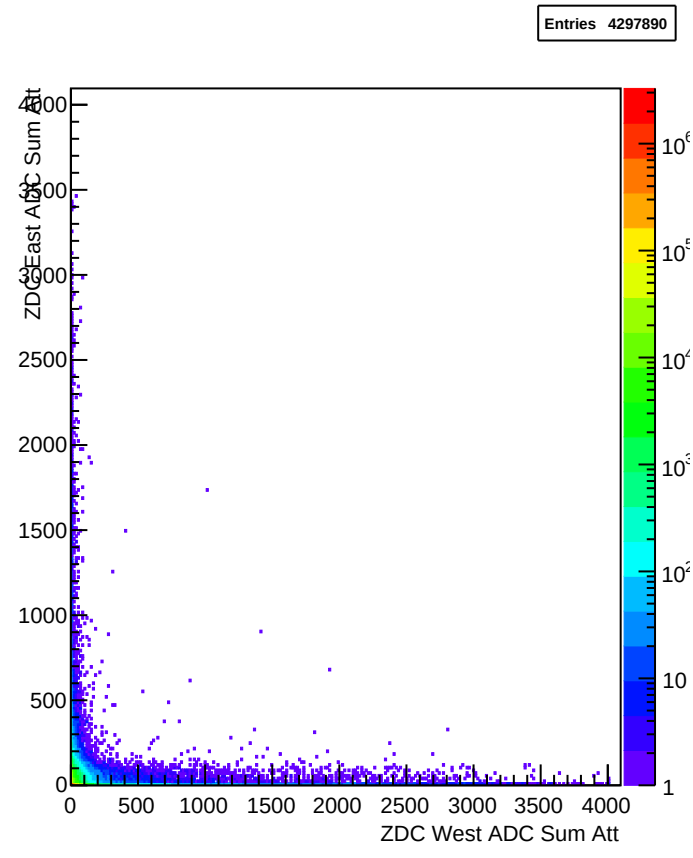

Entries 4297890
BBC-S-East ADC Sum
VPD-East ADC Sum

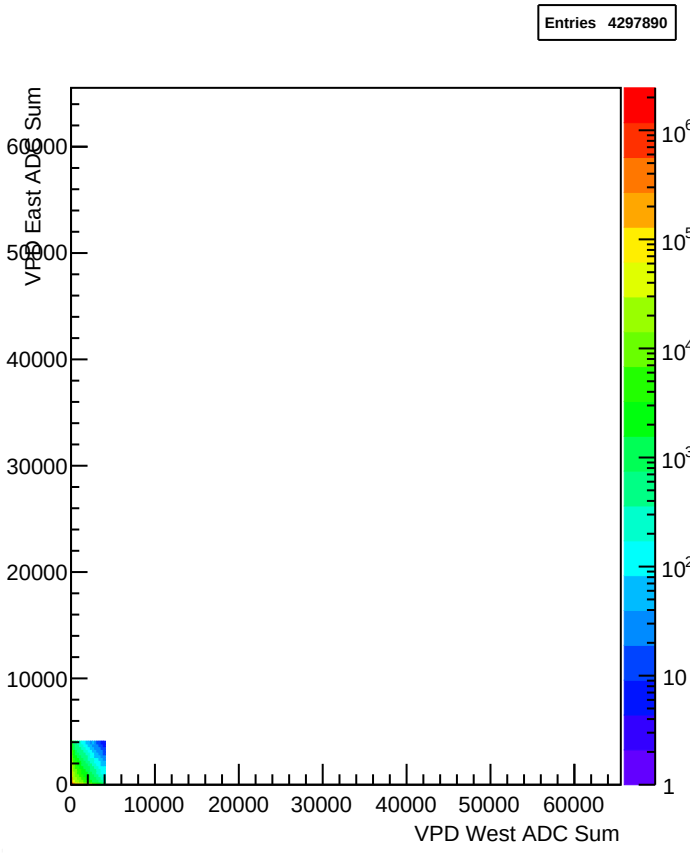

Entries 4297890
BBC-S-West ADC Sum
VPD-West ADC Sum

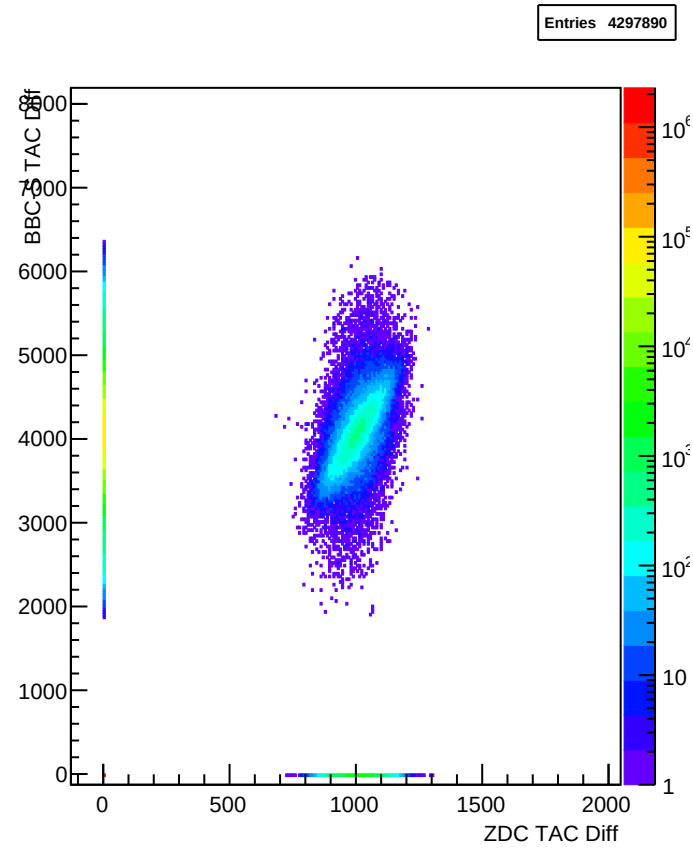

Entries 4297890
VPD-East ADC Sum
ZDC-East ADC Sum Att

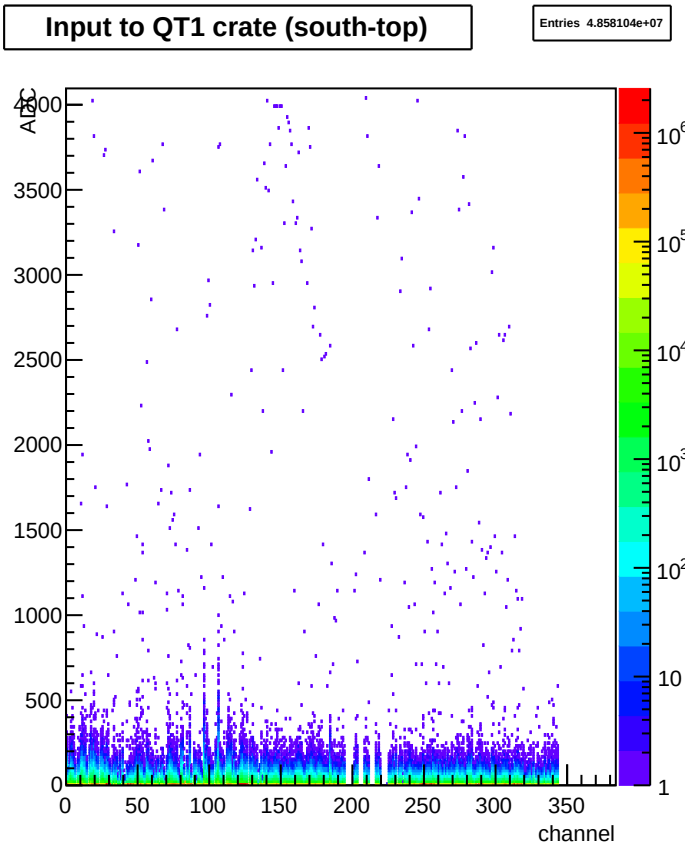

Entries 4297890
VPD-West ADC Sum
ZDC-West ADC Sum Att

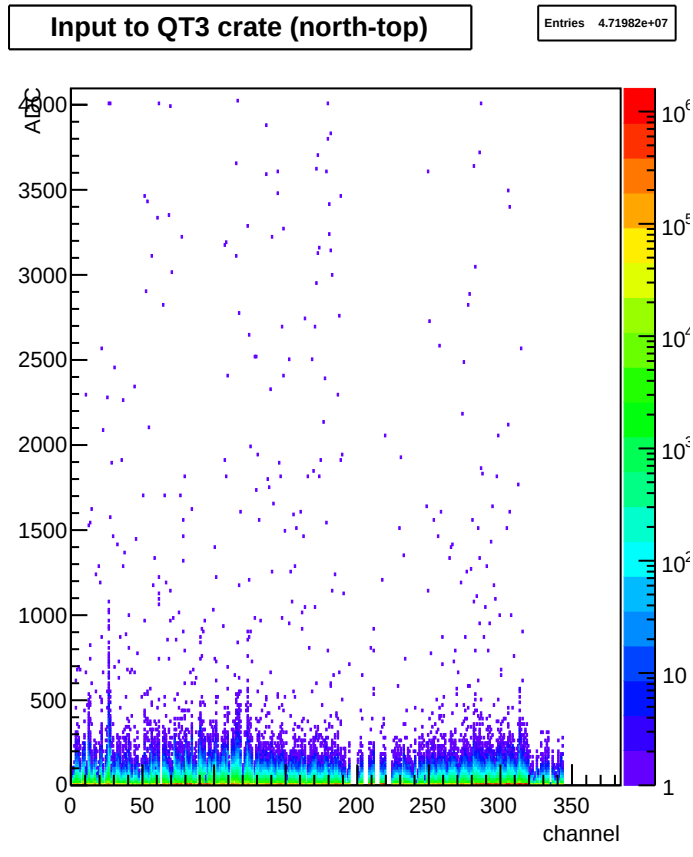

Entries 4297890
BBC-S-East ADC Sum
BBC-S-West ADC Sum

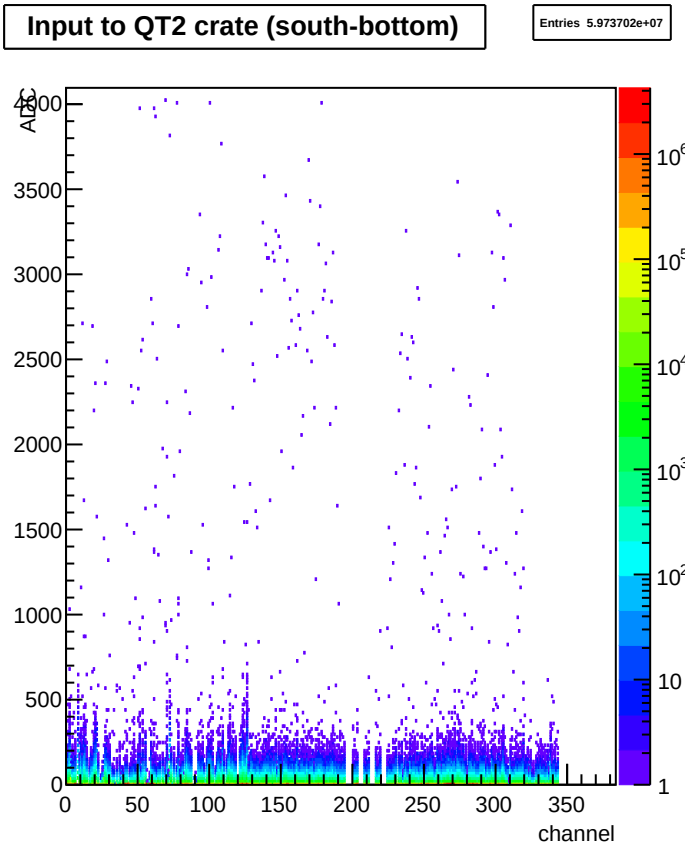

Entries 4297890
ZDC East ADC Sum Att
ZDC West ADC Sum Att

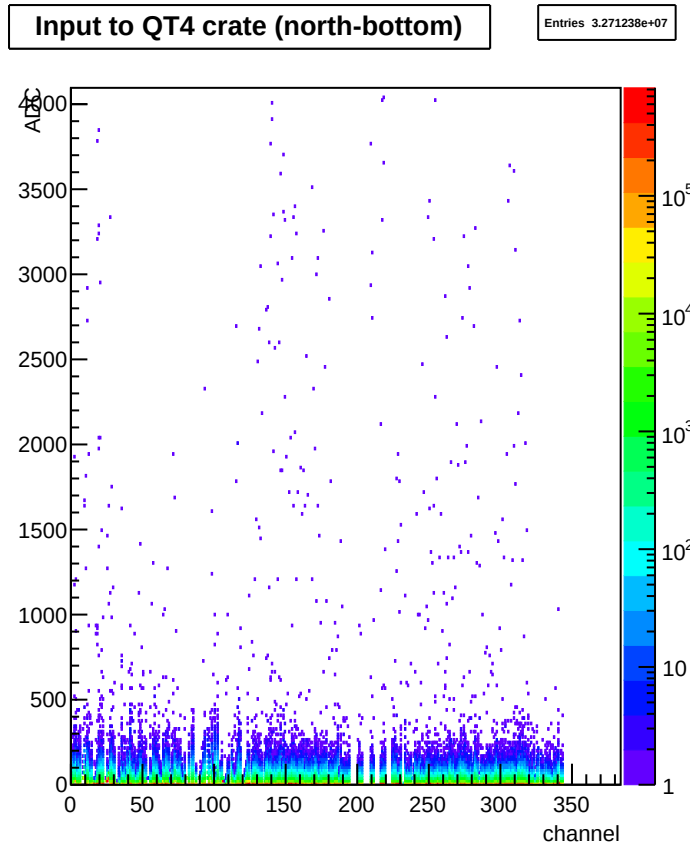

Entries 4297890
VPD East ADC Sum
VPD West ADC Sum

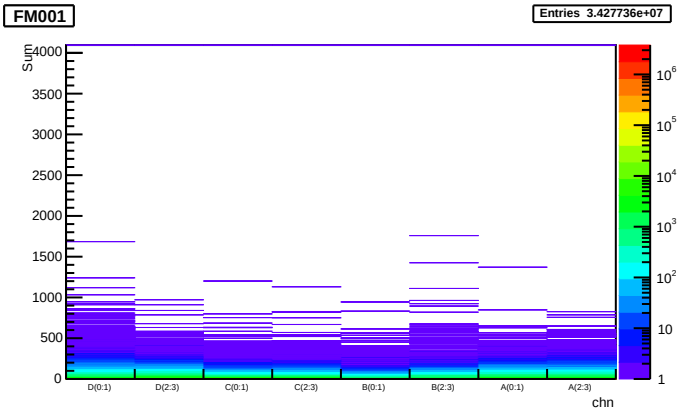

Entries 4297890
BBC-S TAC Diff
ZDC TAC Diff

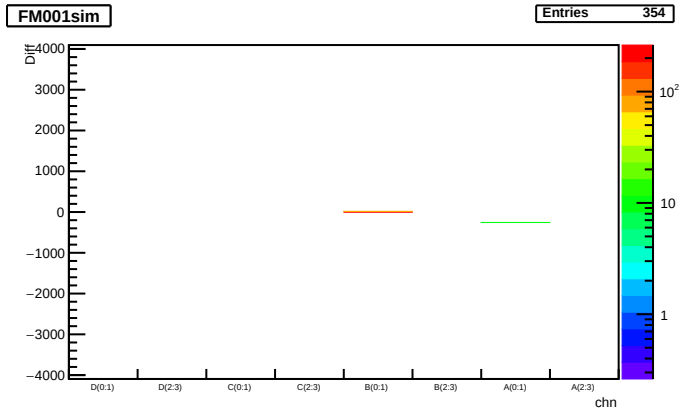

Input to QT1 crate (south-top)
Entries 4.858104e+07
ADC
channel

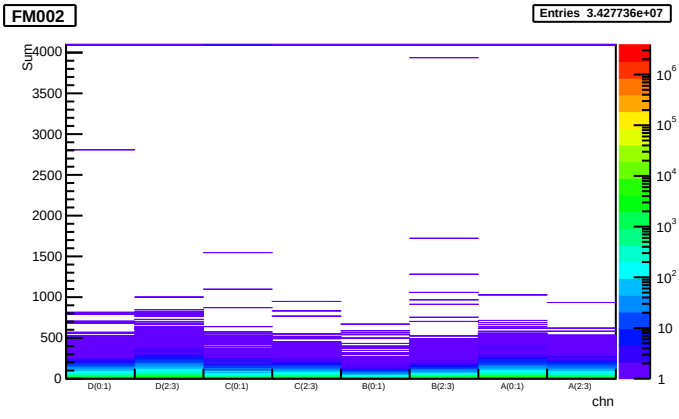

Input to QT3 crate (north-top)
Entries 4.71982e+07
ADC
channel

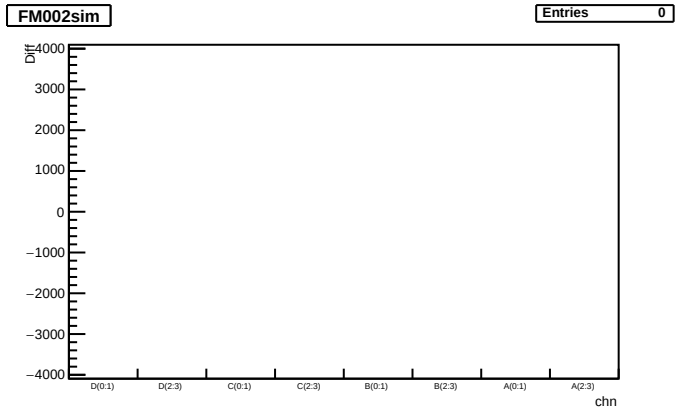

Input to QT2 crate (south-bottom)
Entries 5.973702e+07
ADC
channel

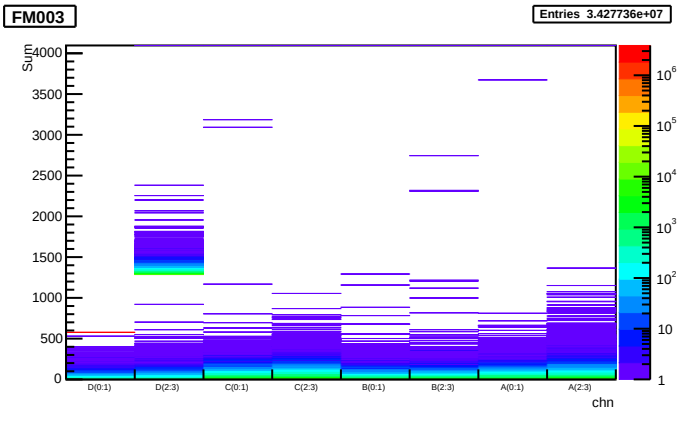

Input to QT4 crate (north-bottom)
Entries 3.271238e+07
ADC
channel

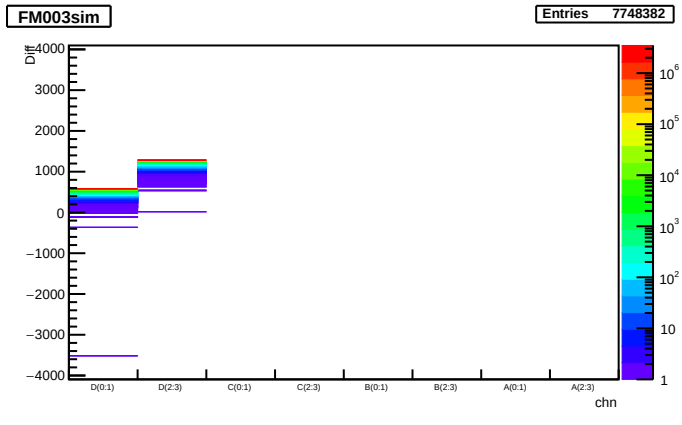

FM001
Entries 3.427736e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

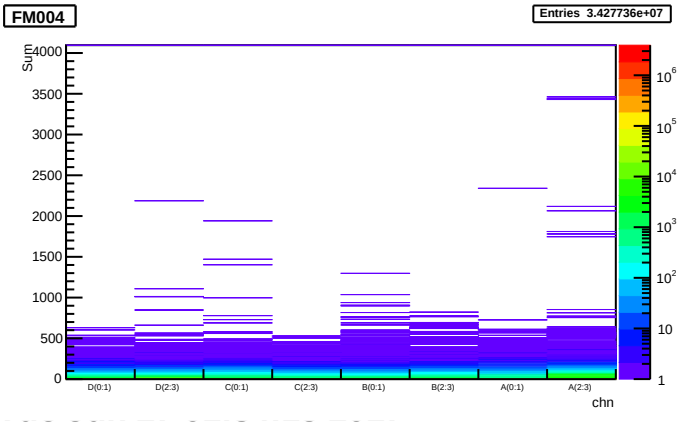

FM001sim
Entries 354
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

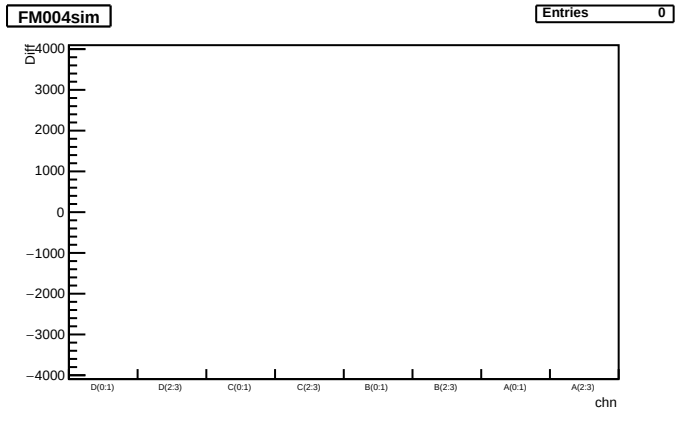

FM002
Entries 3.427736e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

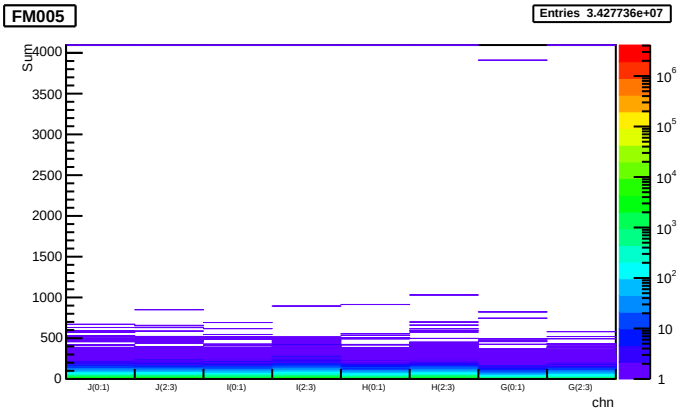

FM002sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

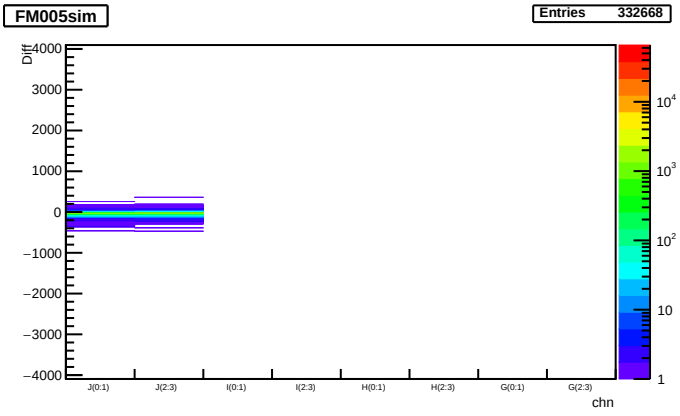

FM003
Entries 3.427736e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

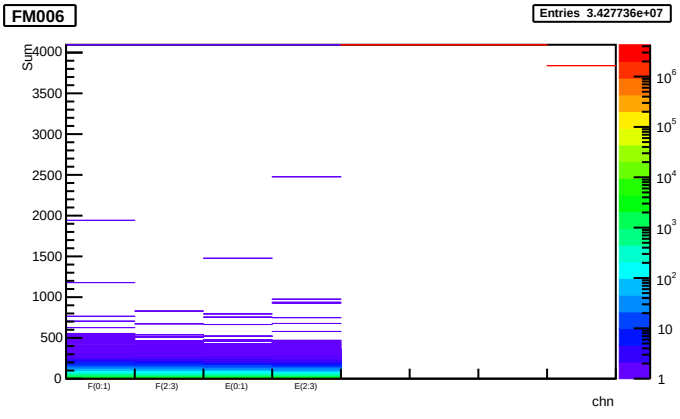

FM003sim
Entries 7748382
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

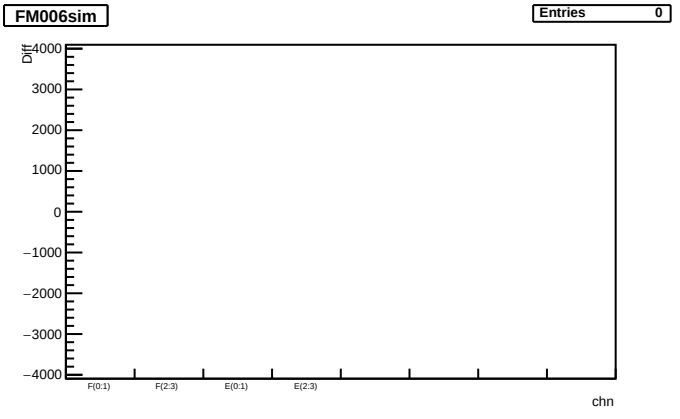

FM004
Entries 3.427736e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

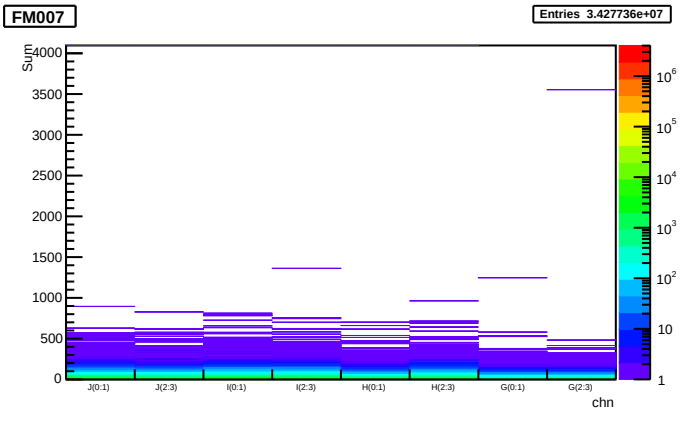

FM004sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

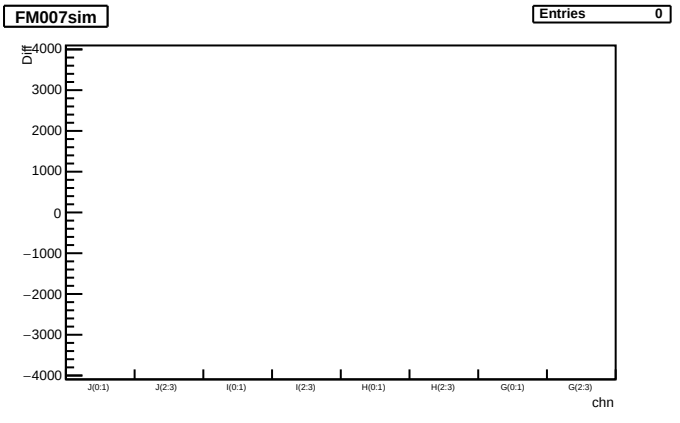

FM005
Entries 3.427736e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

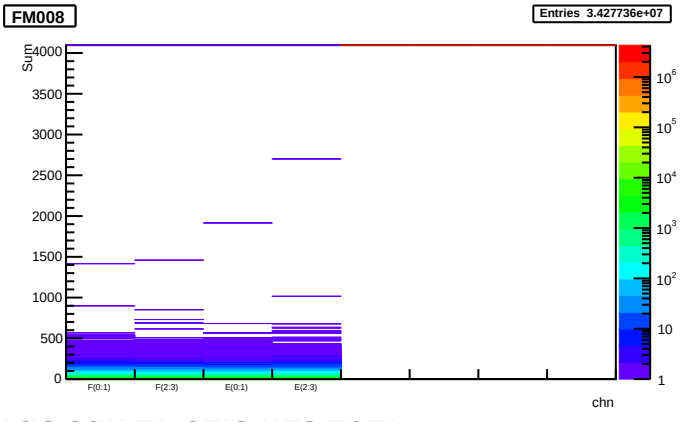

FM005sim
Entries 332668
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

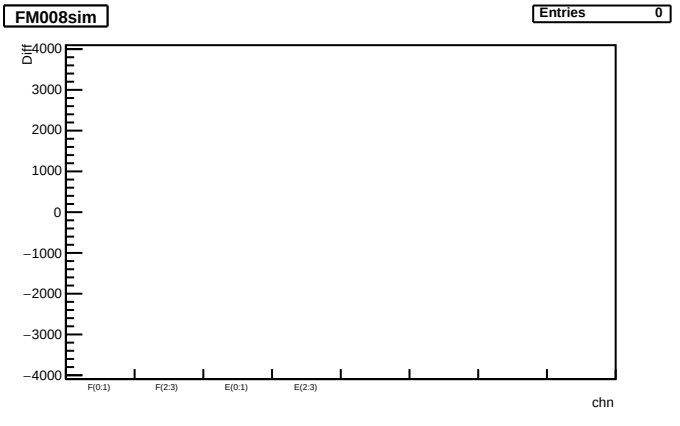

FM006
Entries 3.427736e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

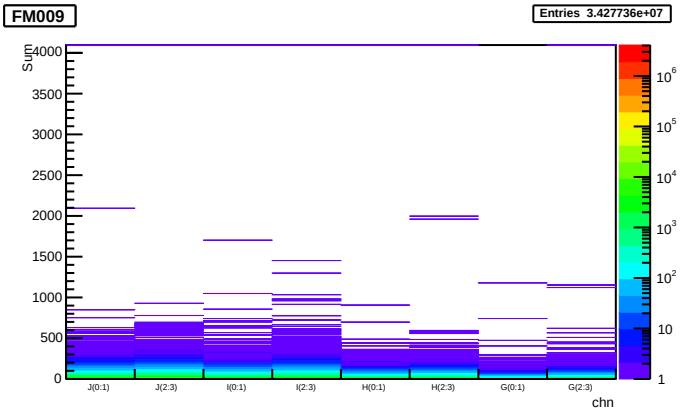

FM006sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

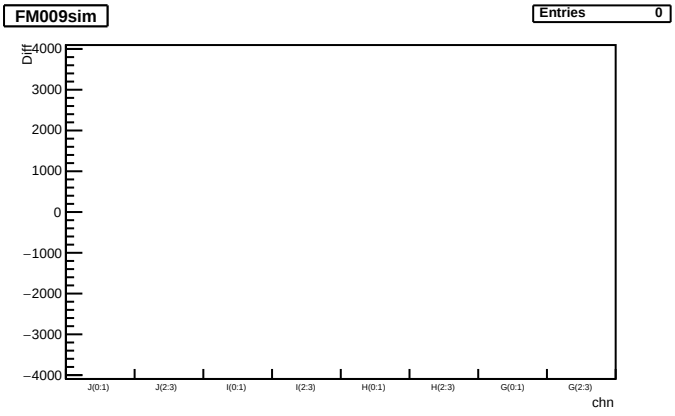

FM007
Entries 3.427736e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

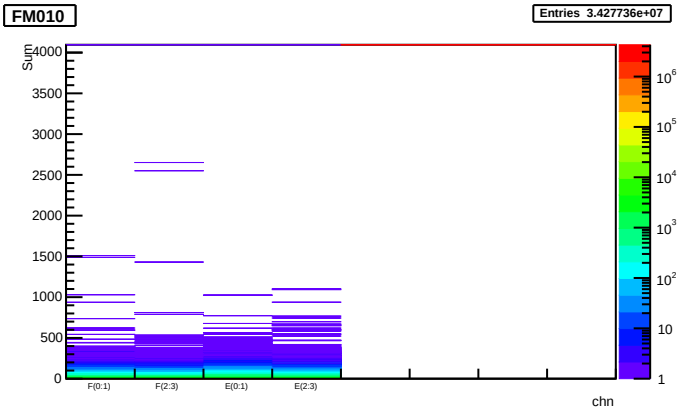

FM007sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

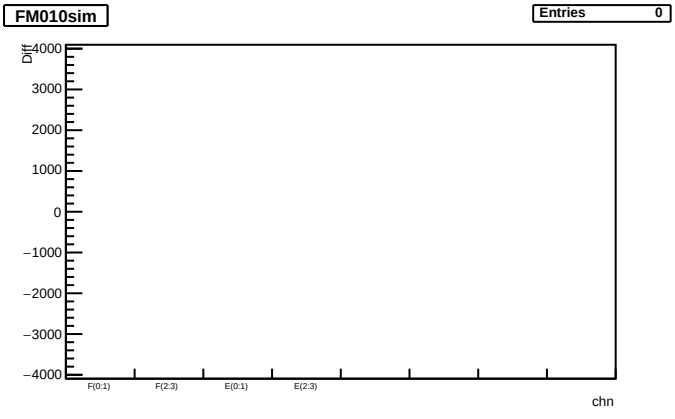

FM008
Entries 3.427736e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

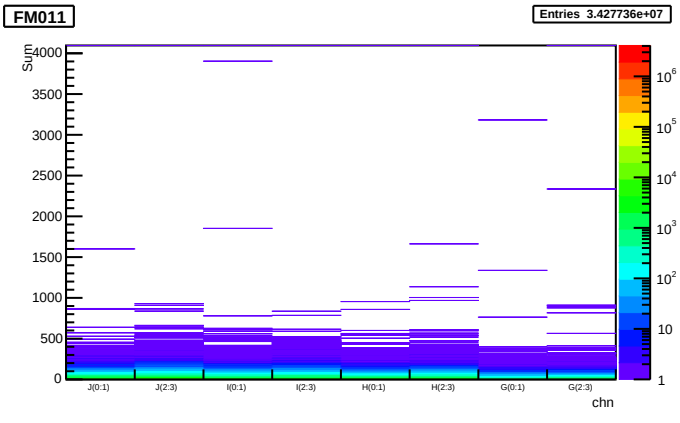

FM008sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

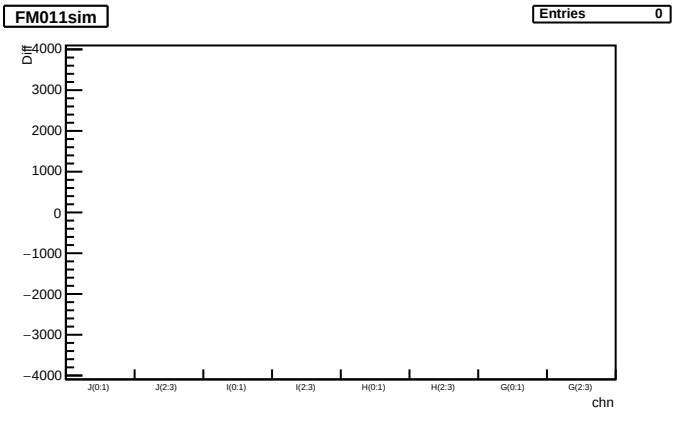

FM009
Entries 3.427736e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

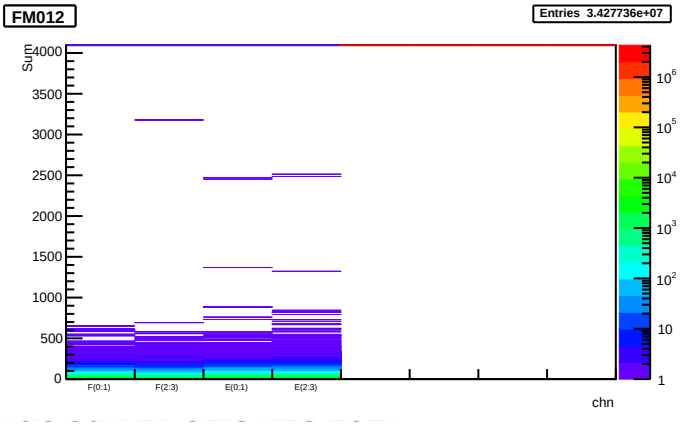

FM009sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

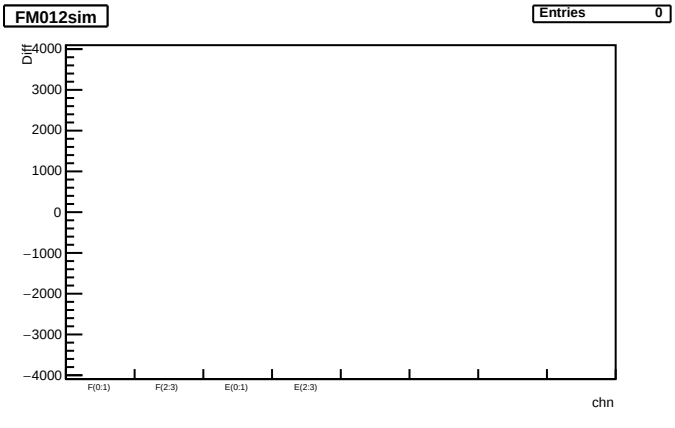

FM010
Entries 3.427736e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

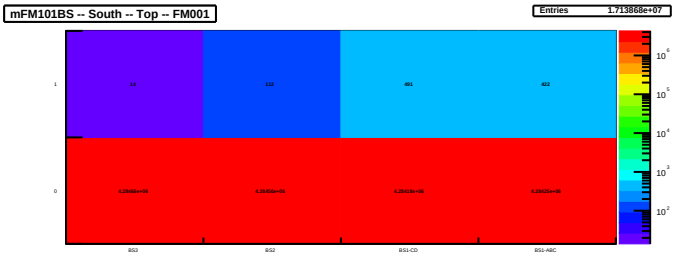

FM010sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

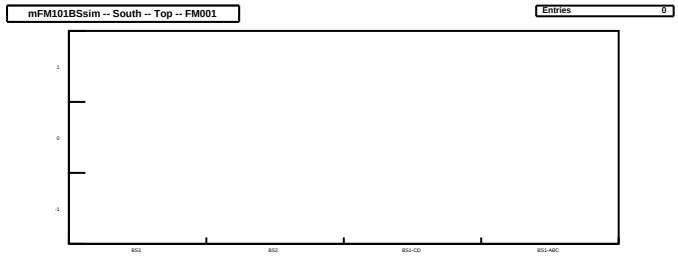

FM011
Entries 3.427736e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

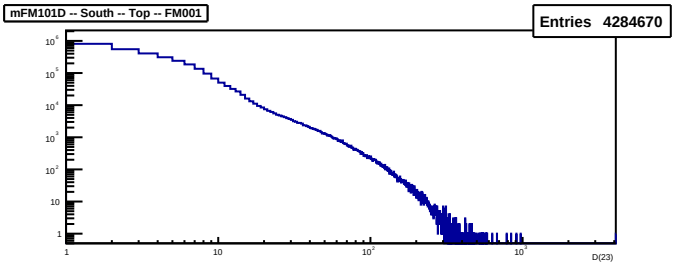

FM011sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

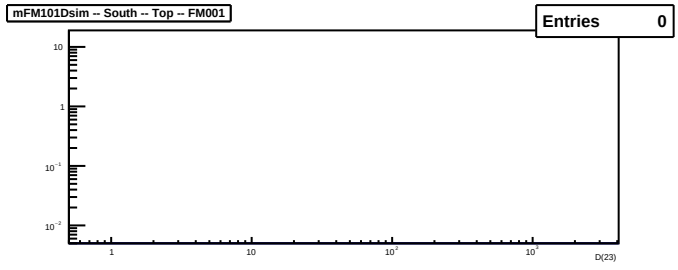

FM012
Entries 3.427736e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

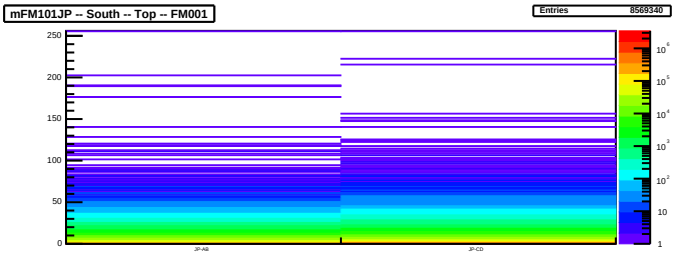

FM012sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)


mFM101BS -- South -- Top -- FM001
Entries 1.713868e+07
14
112
491
422
4.29466e+06
4.29456e+06
4.28418e+06
4.28425e+06
BS3
BS2
BS1-CD
BS1-ABC

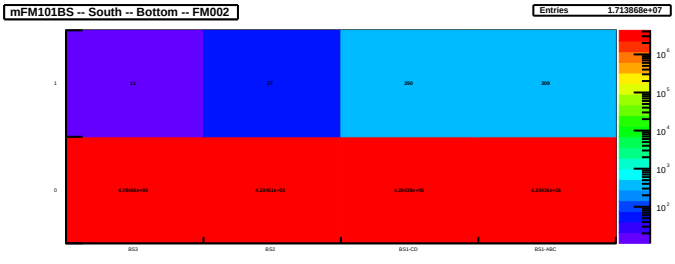

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

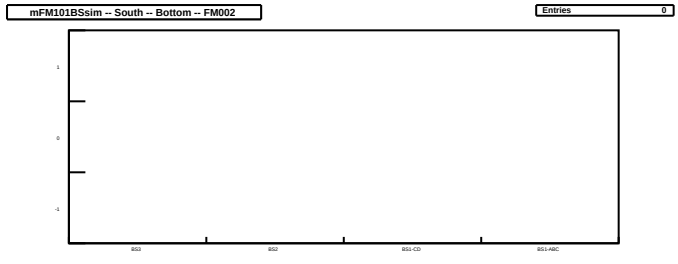

mFM101D -- South -- Top -- FM001
Entries 4284670
D(23)

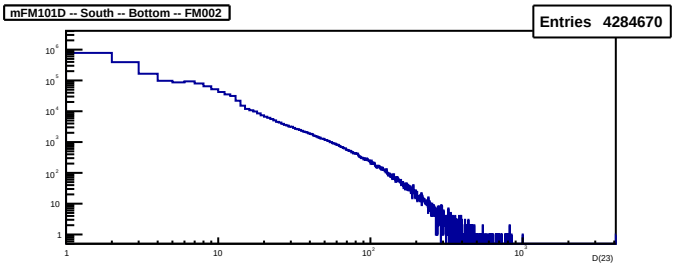

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

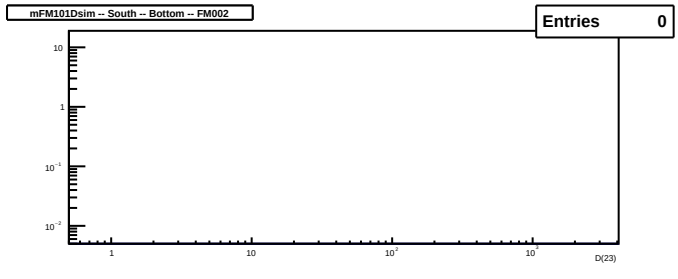

mFM101JP -- South -- Top -- FM001
Entries 8569340
JP-AB
JP-CD

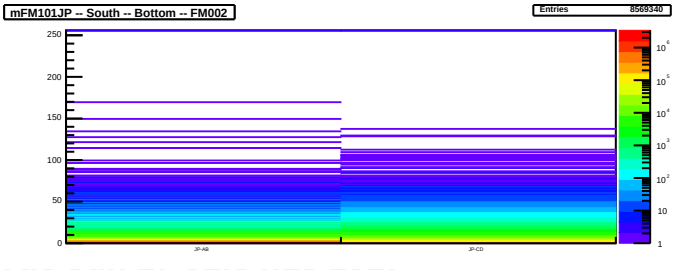
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

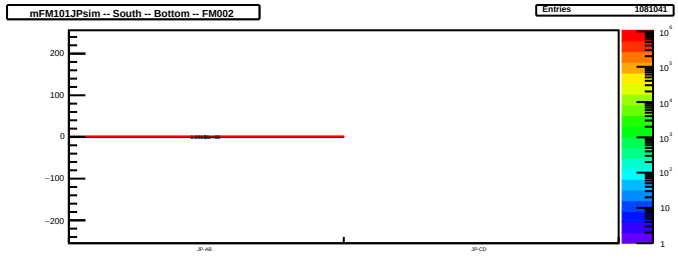

mFM101BS -- South -- Bottom -- FM002
Entries 1.713868e+07
11
57
260
369
4.29466e+06
4.28461e+06
4.28439e+06
4.28436e+06
BS3
BS2
BS1-CD
BS1-ABC

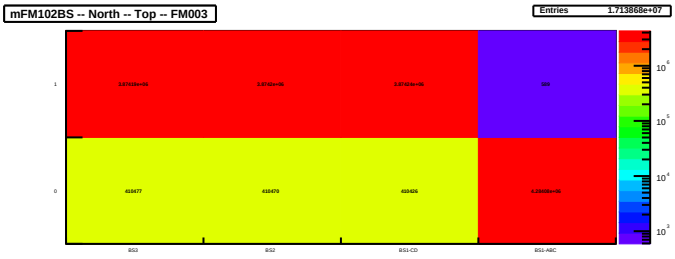

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM101D -- South -- Bottom -- FM002
Entries 4284670
D(23)

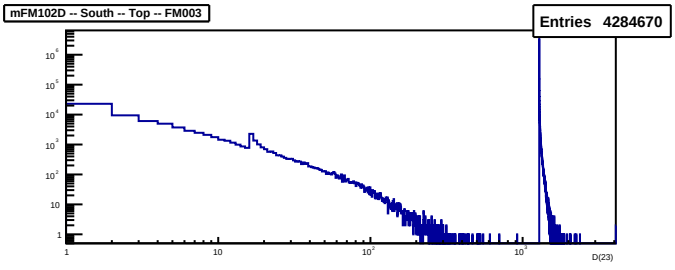

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

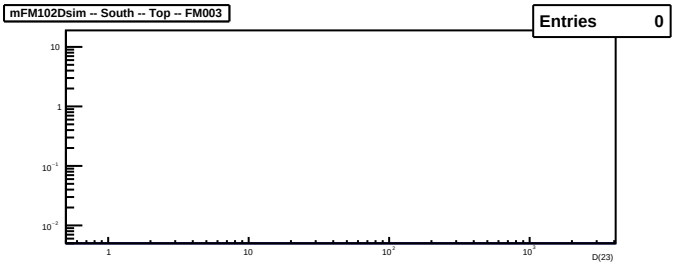

mFM101JP -- South -- Bottom -- FM002
Entries 8569340
JP-AB
JP-CD

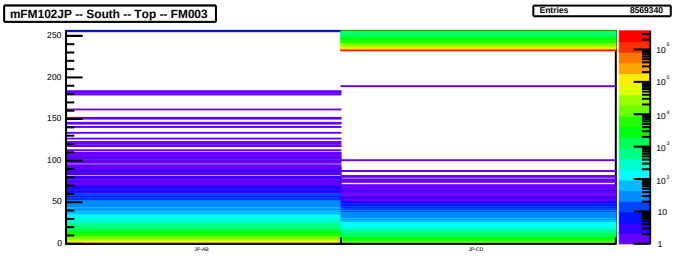

mFM101JPsim -- South -- Bottom -- FM002
Entries 1081041
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.713868e+07

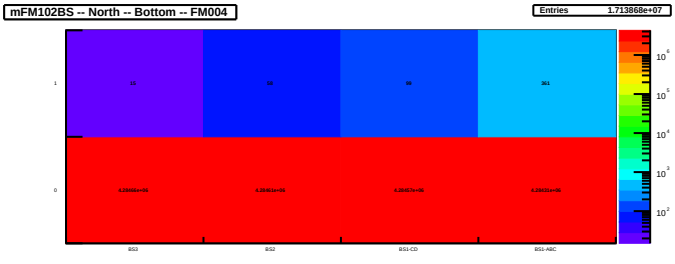
mFM102BSsim -- North -- Top -- FM003
Entries 0

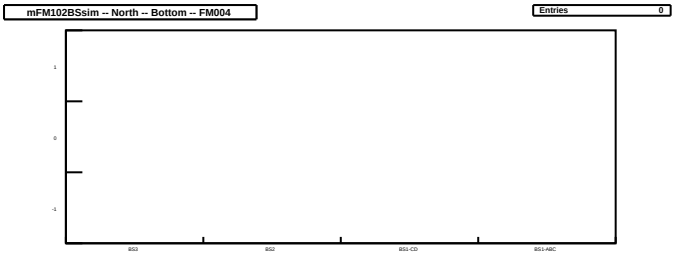

mFM102D -- South -- Top -- FM003
Entries 4284670
D(23)

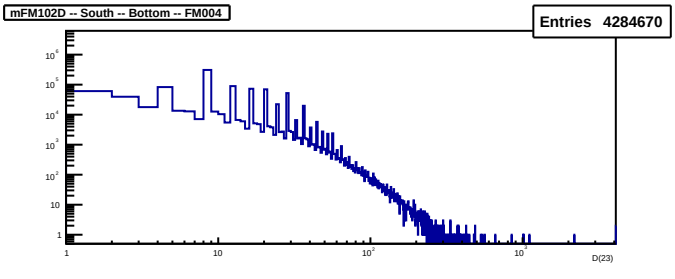

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

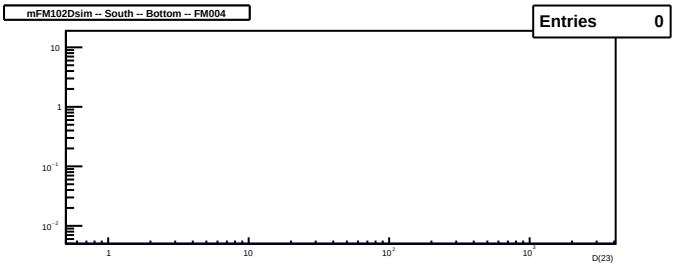

mFM102JP -- South -- Top -- FM003
Entries 8569340

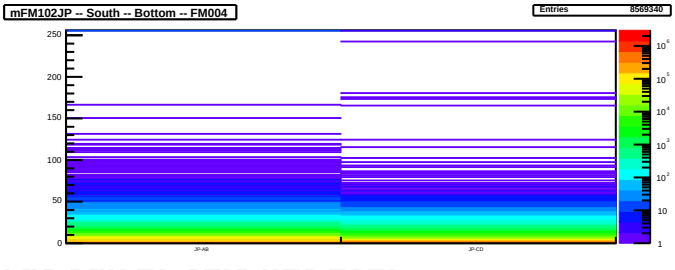
mFM102JPsim -- South -- Top -- FM003
Entries 0

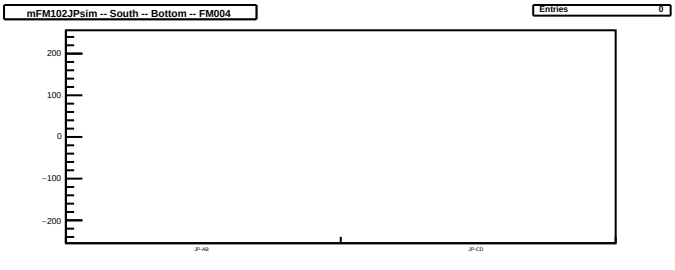

mFM102BS -- North -- Bottom -- FM004
Entries 1.713868e+07

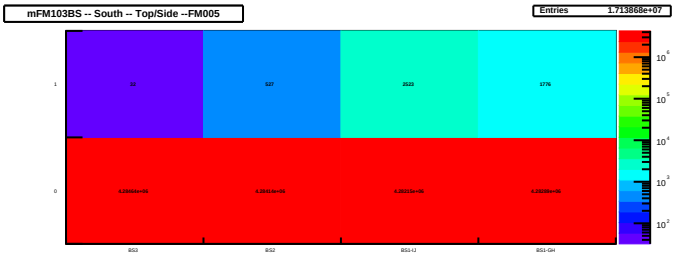

mFM102BSsim -- North -- Bottom -- FM004
Entries 0

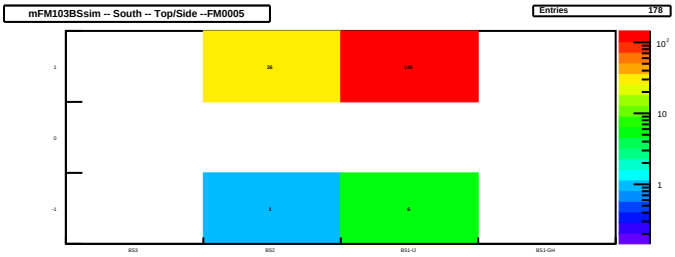

mFM102D -- South -- Bottom -- FM004
Entries 4284670
D(23)

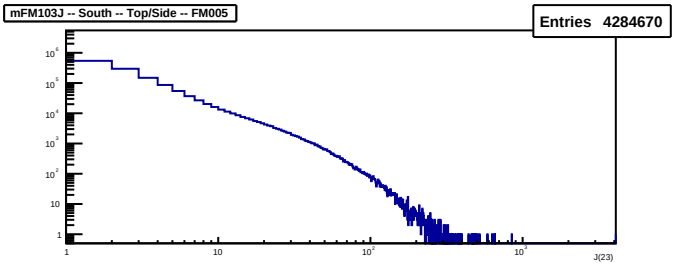

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

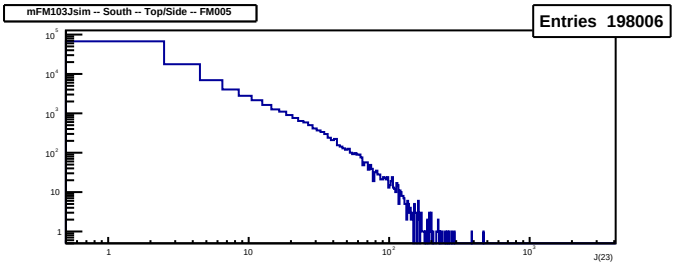

mFM102JP -- South -- Bottom -- FM004
Entries 8569340

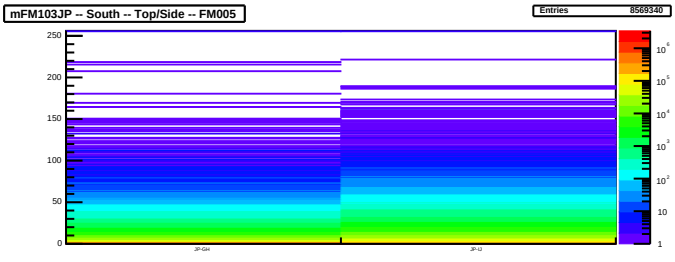

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

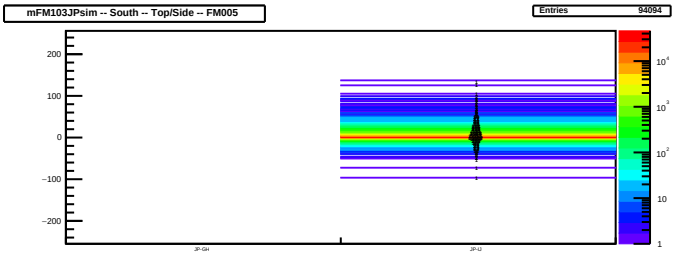

mFM103BS -- South -- Top/Side --FM005
Entries 1.713868e+07

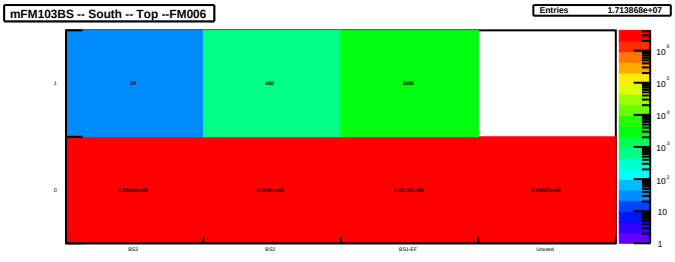

mFM103BSsim -- South -- Top/Side --FM0005
Entries 178

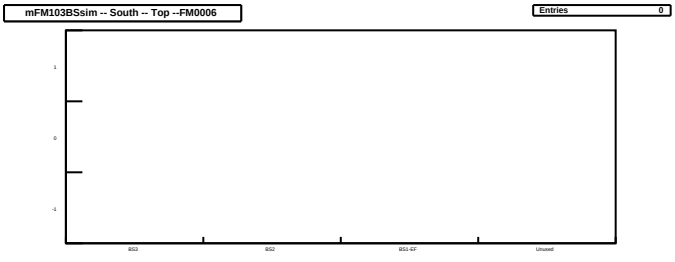

mFM103J -- South -- Top/Side -- FM005
Entries 4284670
J(23)

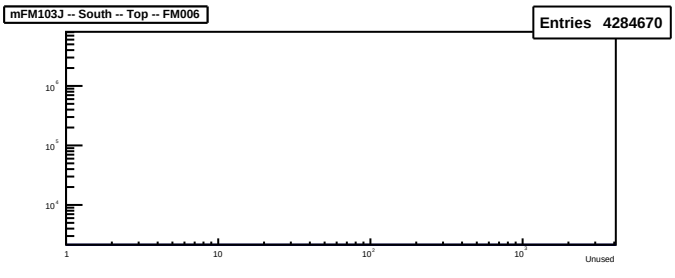

mFM103Jsim -- South -- Top/Side -- FM005
Entries 198006
J(23)

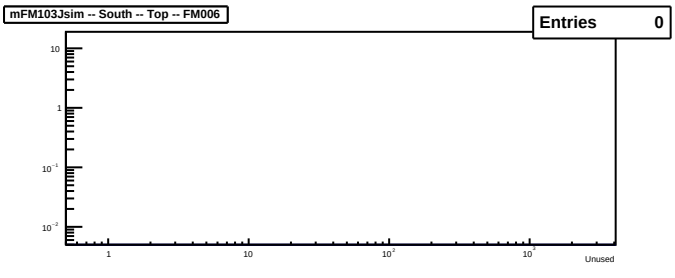

mFM103JP -- South -- Top/Side -- FM005
Entries 8569340

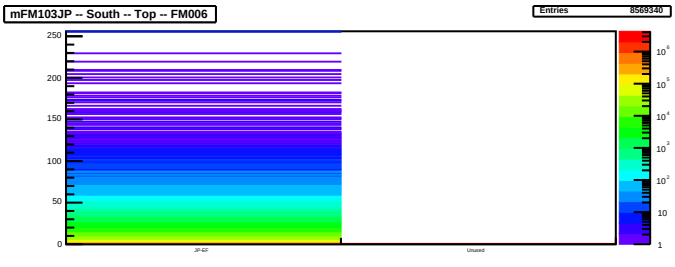

mFM103JPsim -- South -- Top/Side -- FM005
Entries 94094

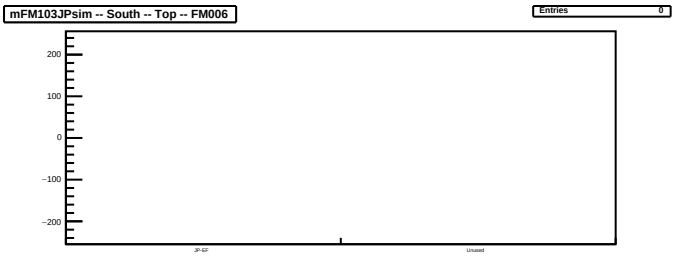

mFM103BS -- South -- Top --FM006
Entries 1.713868e+07

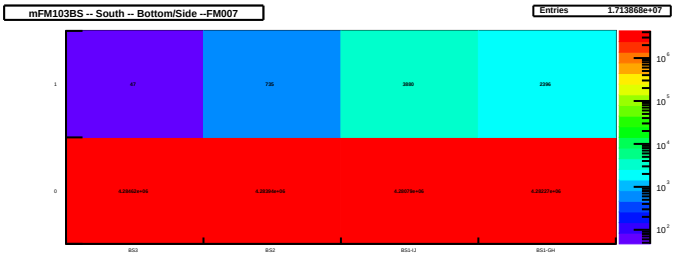

mFM103BSsim -- South -- Top --FM0006
Entries 0

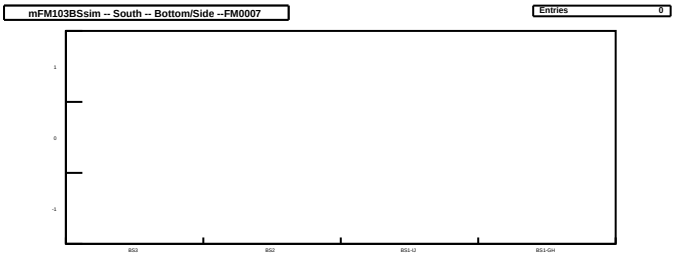

mFM103J -- South -- Top -- FM006
Entries 4284670
Unused

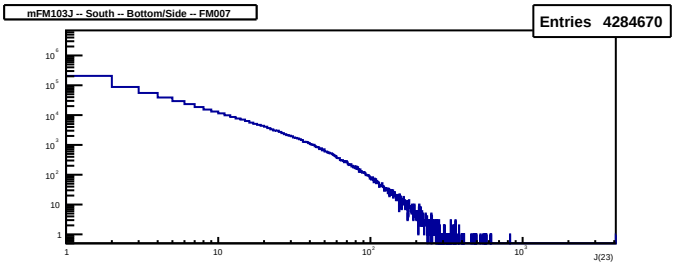

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

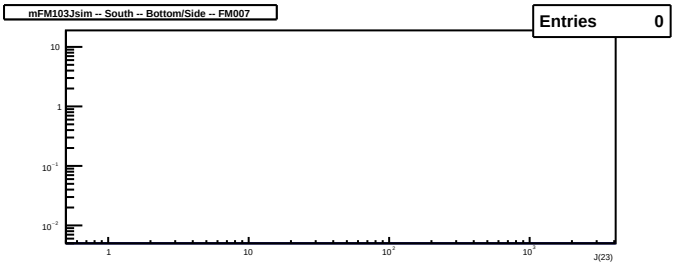

mFM103JP -- South -- Top -- FM006
Entries 8569340

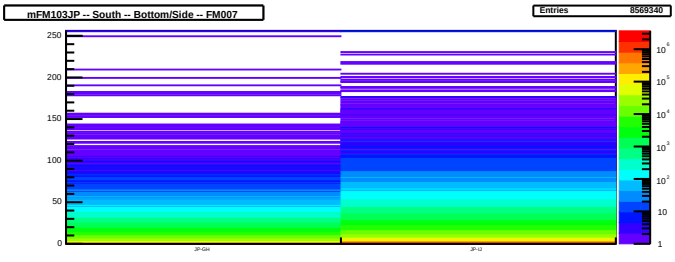

mFM103JPsim -- South -- Top -- FM006
Entries 0

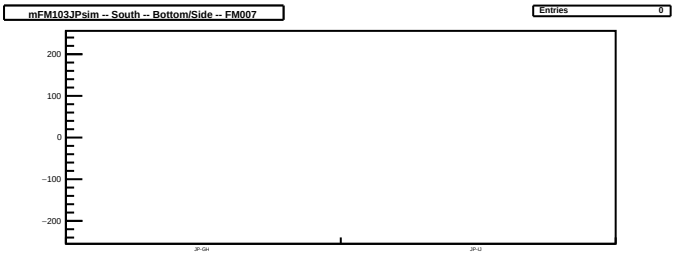

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.713868e+07
BS3
BS2
BS1-IJ
BS1-GH

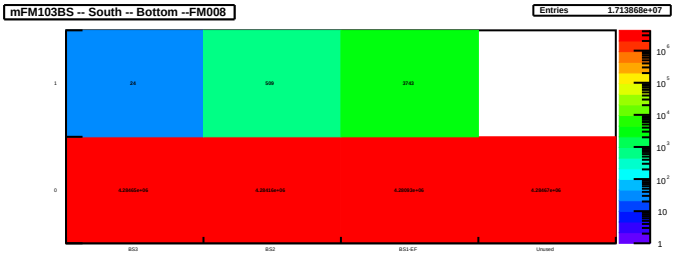

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1-IJ
BS1-GH

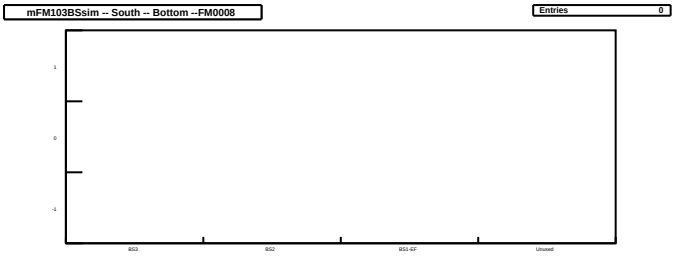

mFM103J -- South -- Bottom/Side -- FM007
Entries 4284670
J(23)

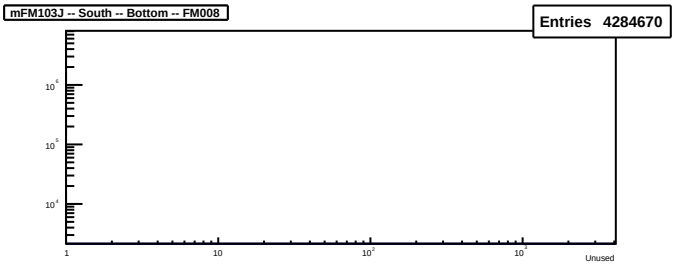

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

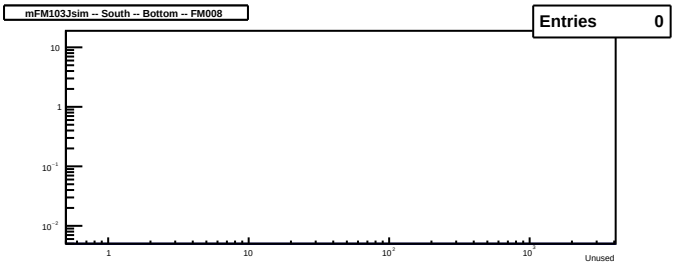

mFM103JP -- South -- Bottom/Side -- FM007
Entries 8569340
JP-GH
JP-IJ

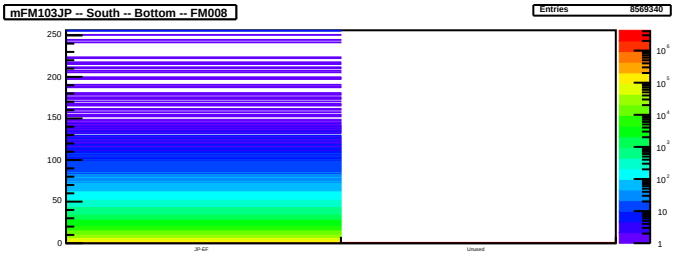

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

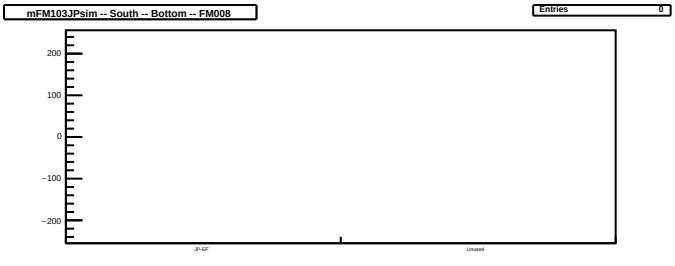

mFM103BS -- South -- Bottom --FM008
Entries 1.713868e+07
BS3
BS2
BS1-EF
Unused

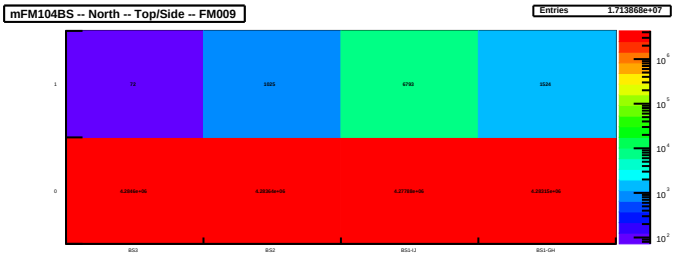

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-EF
Unused

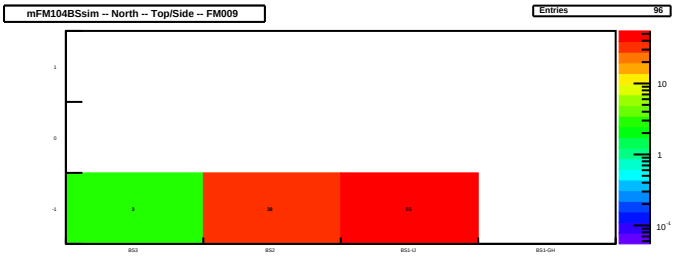

mFM103J -- South -- Bottom -- FM008
Entries 4284670
Unused

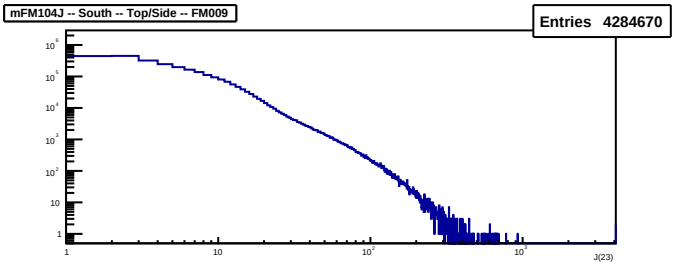

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

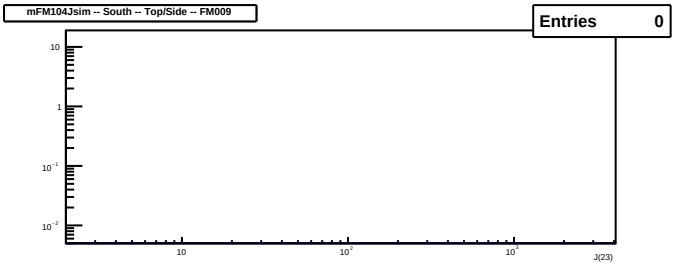

mFM103JP -- South -- Bottom -- FM008
Entries 8569340
JP-EF
Unused

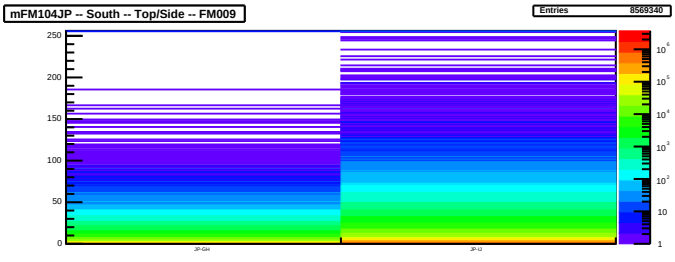

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

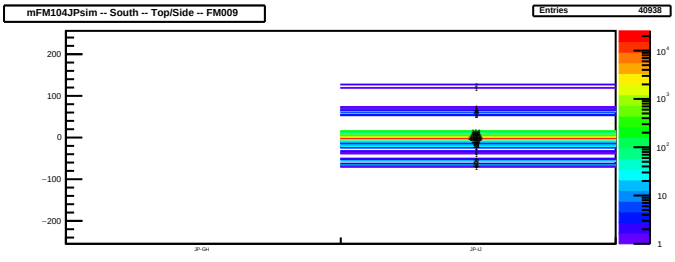

mFM104BS -- North -- Top/Side -- FM009
Entries 1.713868e+07

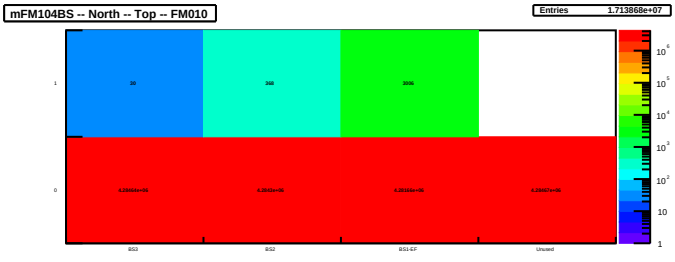

mFM104BSsim -- North -- Top/Side -- FM009
Entries 96

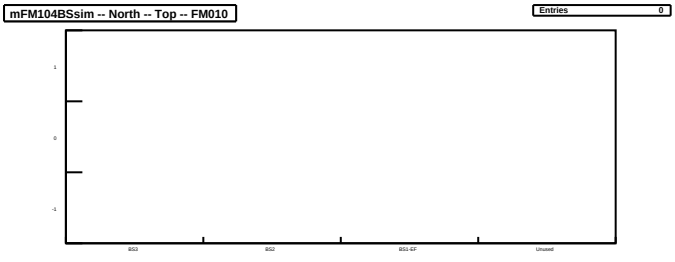

mFM104J -- South -- Top/Side -- FM009
Entries 4284670
J(23)

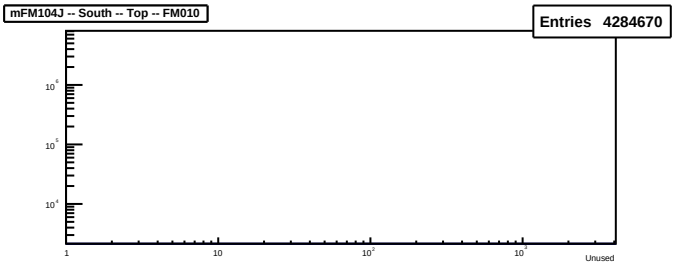

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

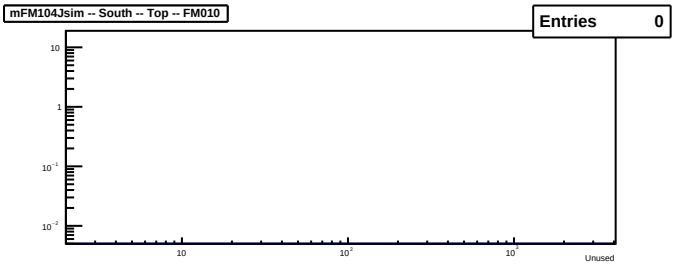

mFM104JP -- South -- Top/Side -- FM009
Entries 8569340

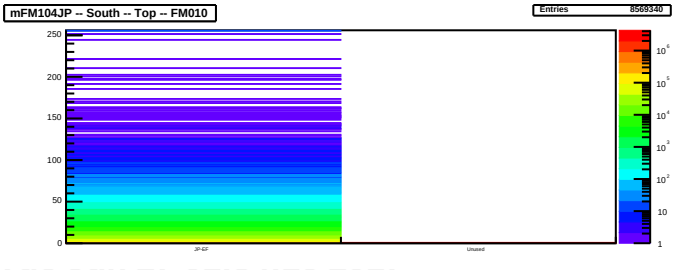

mFM104JPsim -- South -- Top/Side -- FM009
Entries 40938

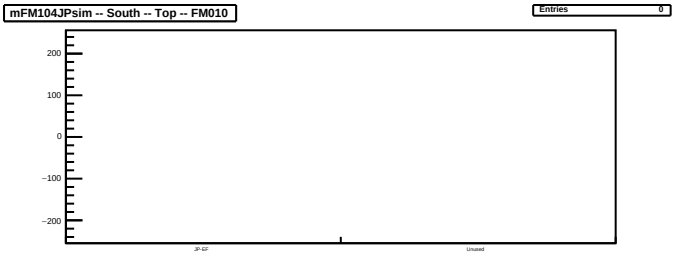

mFM104BS -- North -- Top -- FM010
Entries 1.713868e+07

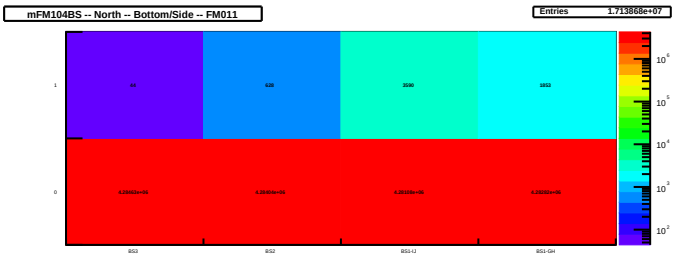

mFM104BSsim -- North -- Top -- FM010
Entries 0

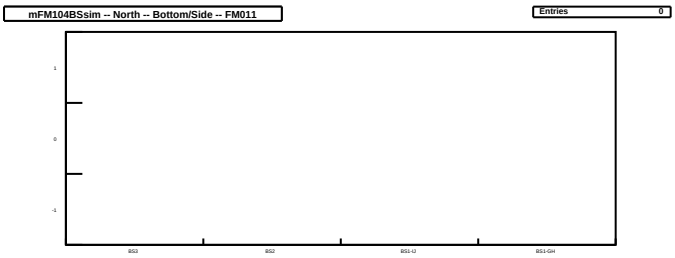

mFM104J -- South -- Top -- FM010
Entries 4284670
Unused

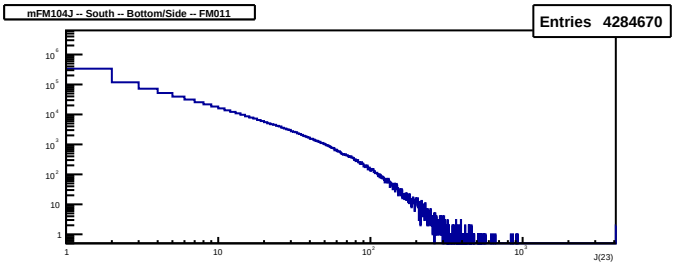

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

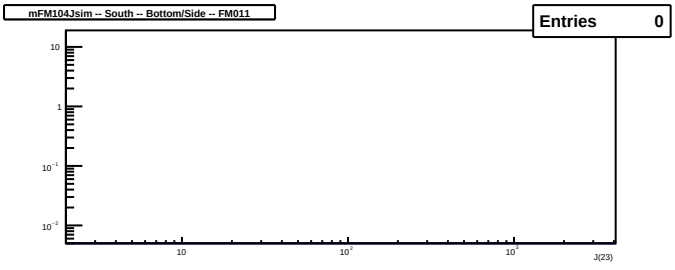

mFM104JP -- South -- Top -- FM010
Entries 8569340

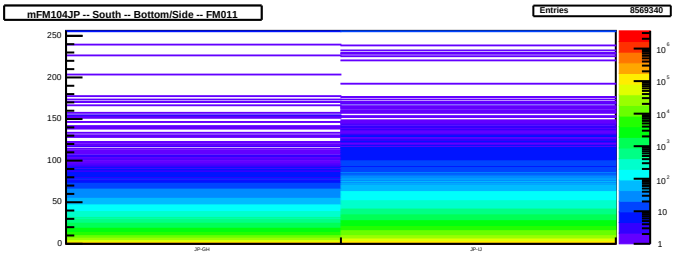

mFM104JPsim -- South -- Top -- FM010
Entries 0

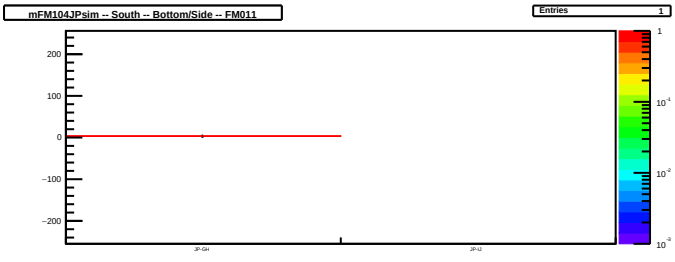

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.713868e+07

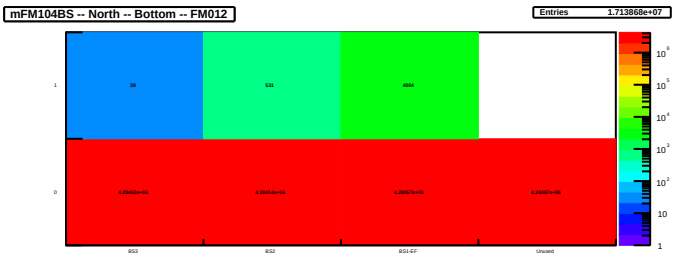

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0

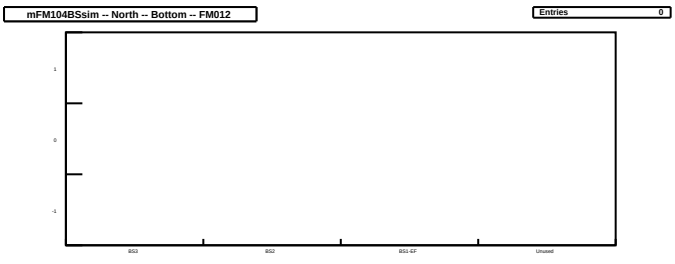

mFM104J -- South -- Bottom/Side -- FM011
Entries 4284670
J(23)

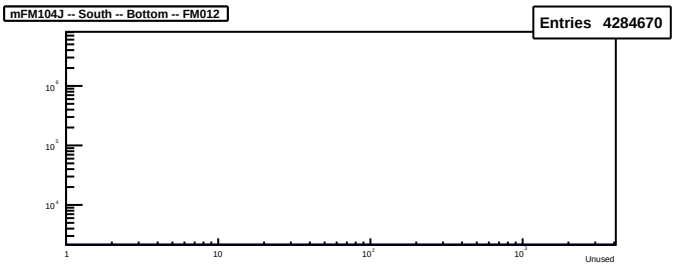

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

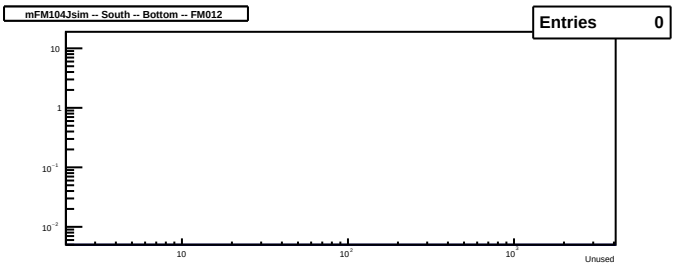

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8569340

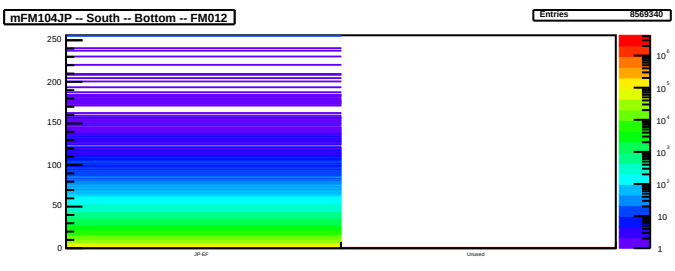

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1


mFM104BS -- North -- Bottom -- FM012
Entries 1.713868e+07

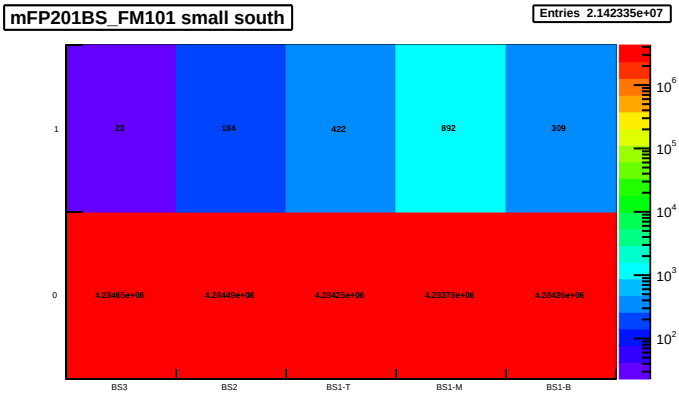

mFM104BSsim -- North -- Bottom -- FM012
Entries 0

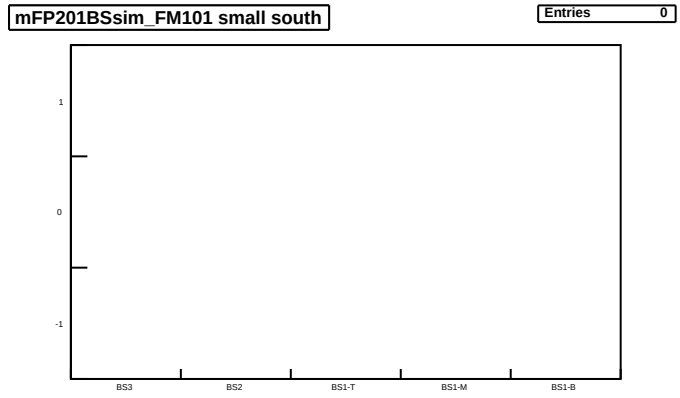

mFM104J -- South -- Bottom -- FM012
Entries 4284670
Unused

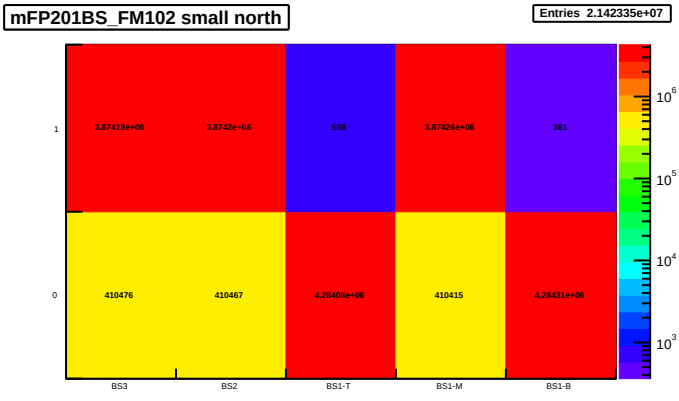

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

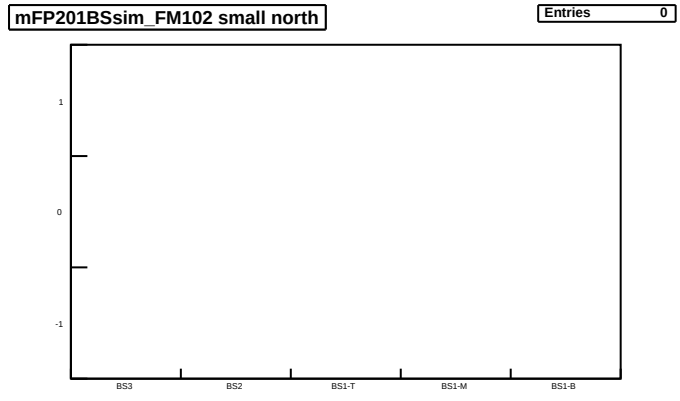

mFM104JP -- South -- Bottom -- FM012
Entries 8569340

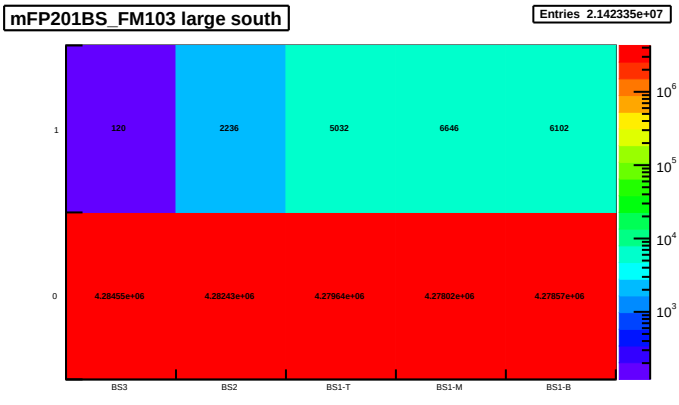
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

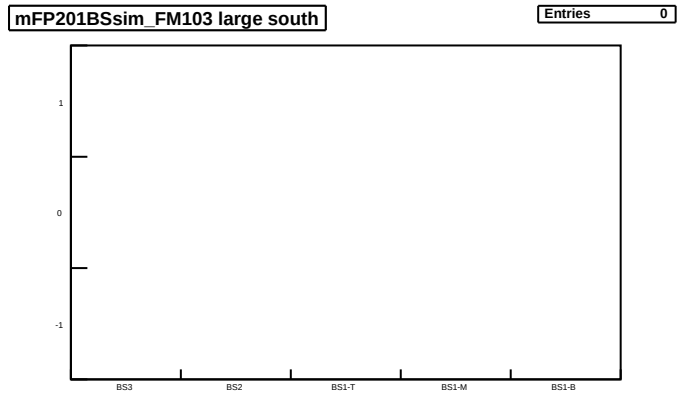

mFP201BS_FM101 small south
Entries 2.142335e+07
23
184
422
892
309
4.28465e+06
4.28449e+06
4.28425e+06
4.28378e+06
4.28436e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

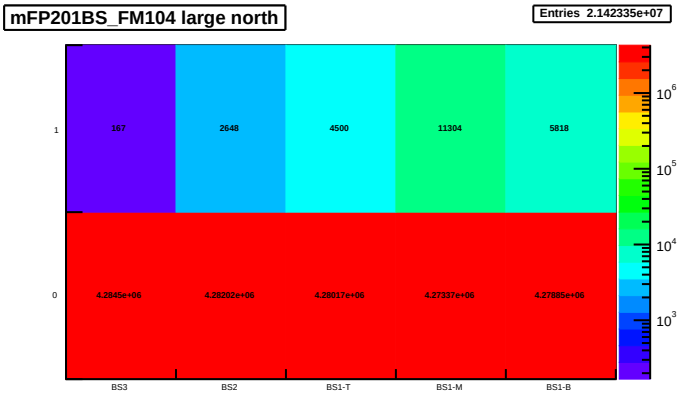

mFP201BSsim_FM101 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

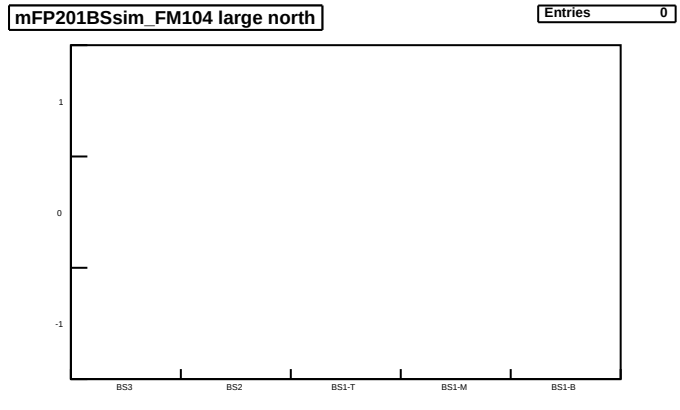

mFP201BS_FM102 small north
Entries 2.142335e+07
3.87419e+06
3.8742e+06
589
3.87426e+06
361
410476
410467
4.28408e+06
410415
4.28431e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

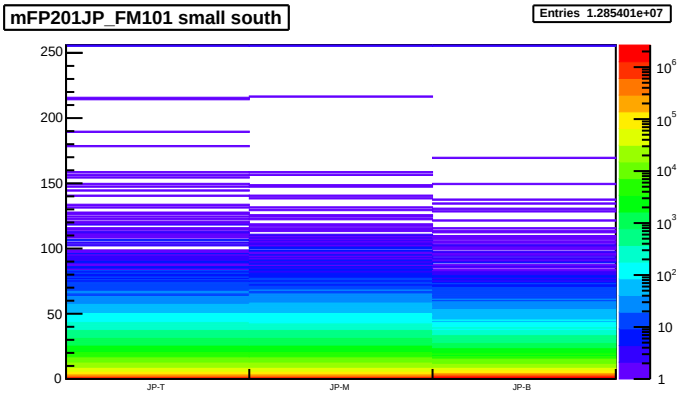

mFP201BSsim_FM102 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

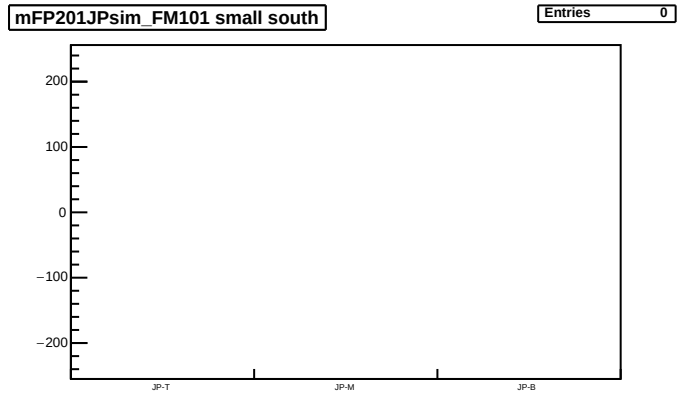

mFP201BS_FM103 large south
Entries 2.142335e+07
120
2236
5032
6646
6102
4.28455e+06
4.28243e+06
4.27964e+06
4.27802e+06
4.27857e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

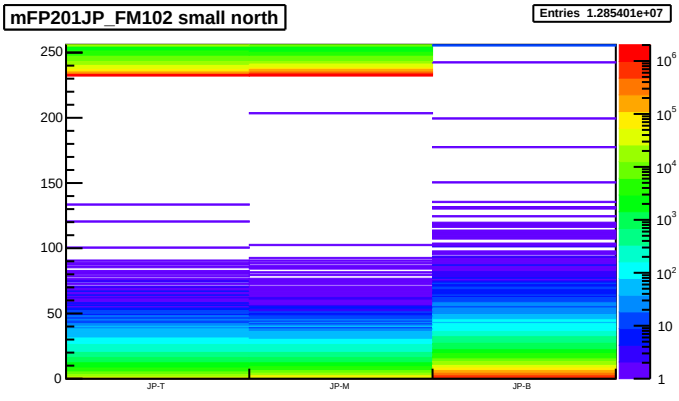

mFP201BSsim_FM103 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

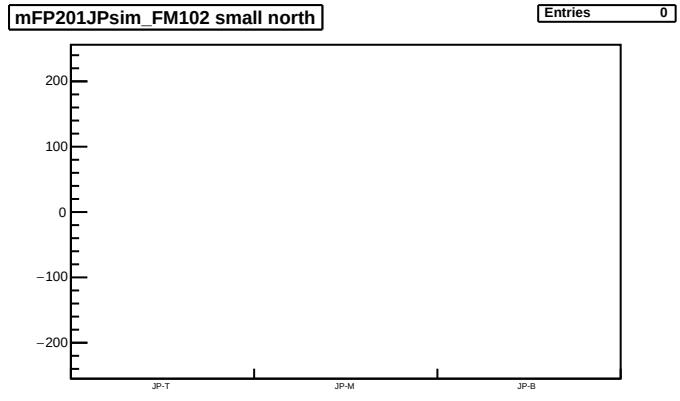

mFP201BS_FM104 large north
Entries 2.142335e+07
167
2648
4500
11304
5818
4.2845e+06
4.28202e+06
4.28017e+06
4.27337e+06
4.27885e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

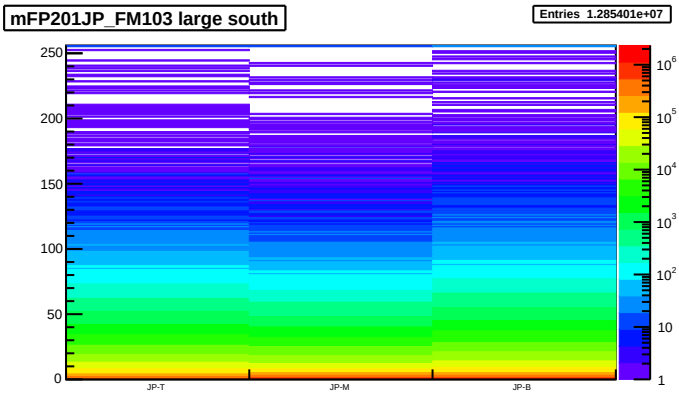

mFP201BSsim_FM104 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

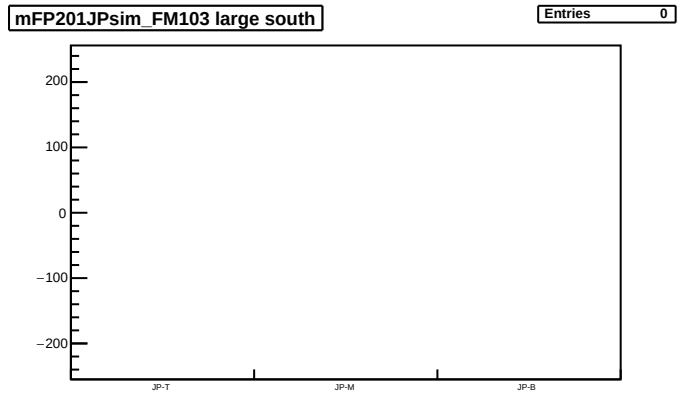

mFP201JP_FM101 small south
Entries 1.285401e+07
JP-T
JP-M
JP-B


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


mFP201JP_FM102 small north
Entries 1.285401e+07
JP-T
JP-M
JP-B


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


mFP201JP_FM103 large south
Entries 1.285401e+07
JP-T
JP-M
JP-B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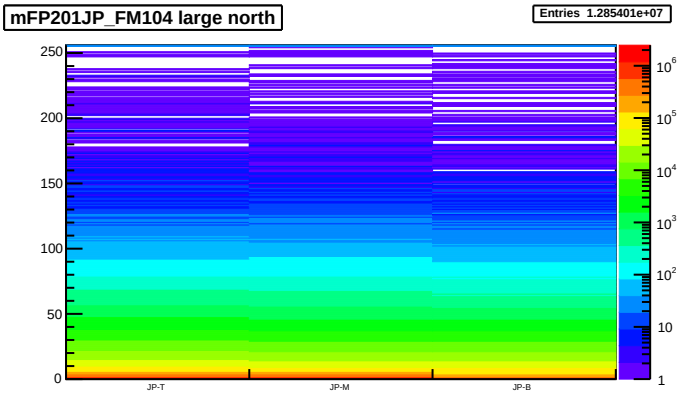
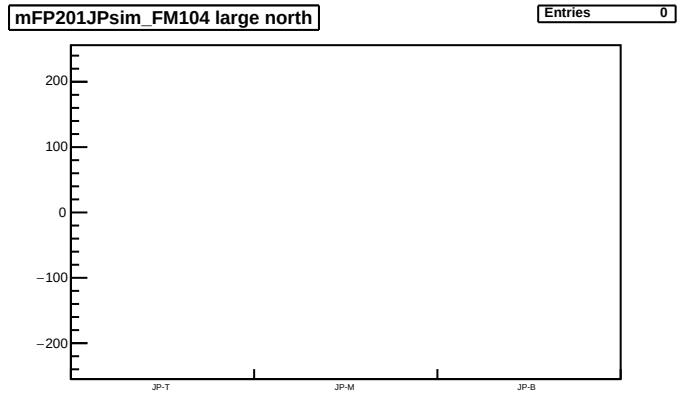
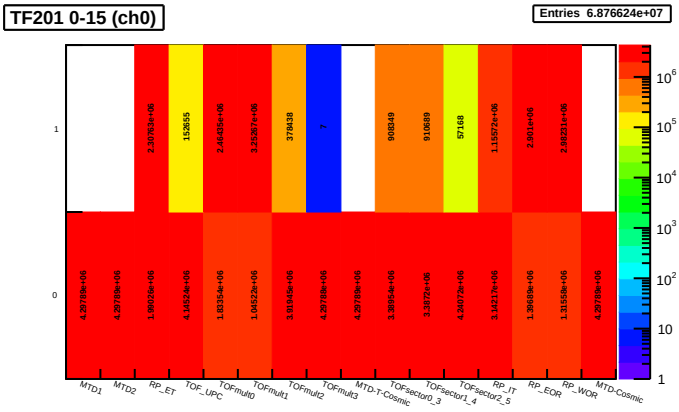
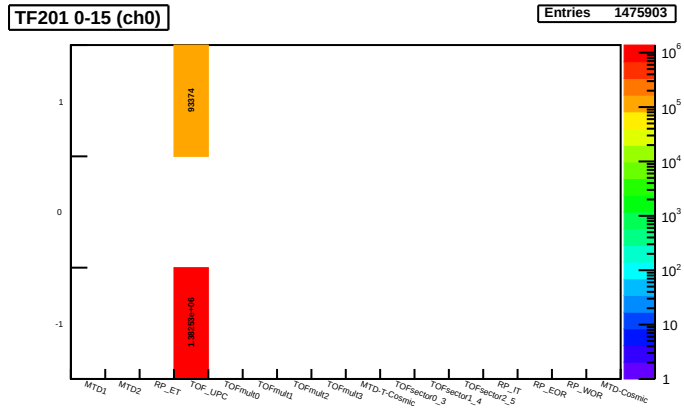
Entries 0
JP-T
JP-M
JP-B


mFP201JP_FM104 large north
Entries 1.285401e+07
JP-T
JP-M
JP-B


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


TF201 0-15 (ch0)
Entries 6.876624e+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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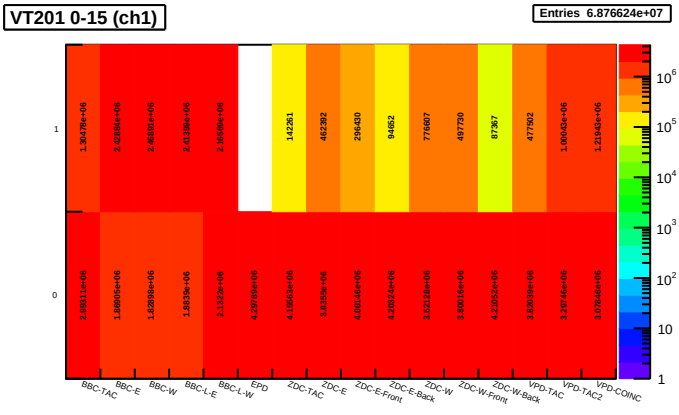
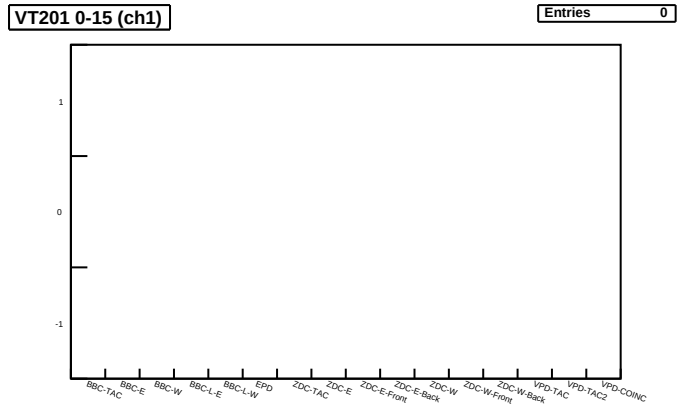
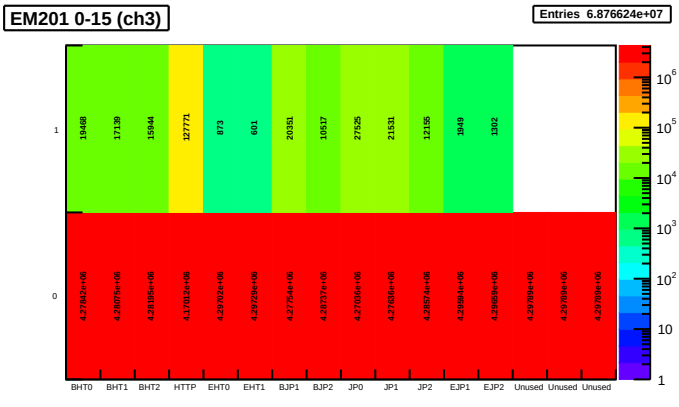

VT201 0-15 (ch1)
Entries 6.876624e+07
BBC-TAC BBC-E BBC-W BBC-L-E BBC-L-W EPD ZDC-TAC ZDC-E ZDC-E-Front ZDC-E-Back ZDC-W ZDC-W-Front ZDC-W-Back VPD-TAC VPD-TAC2 VPD-COINC


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 6.876624e+07
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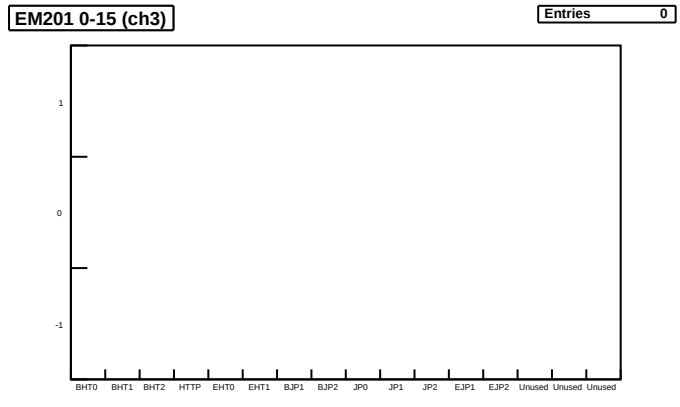
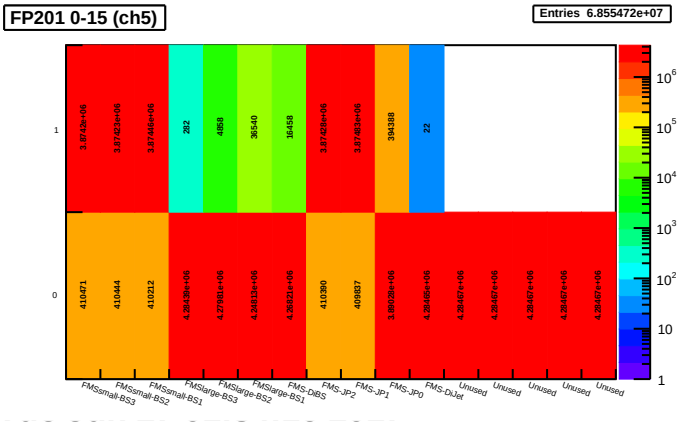
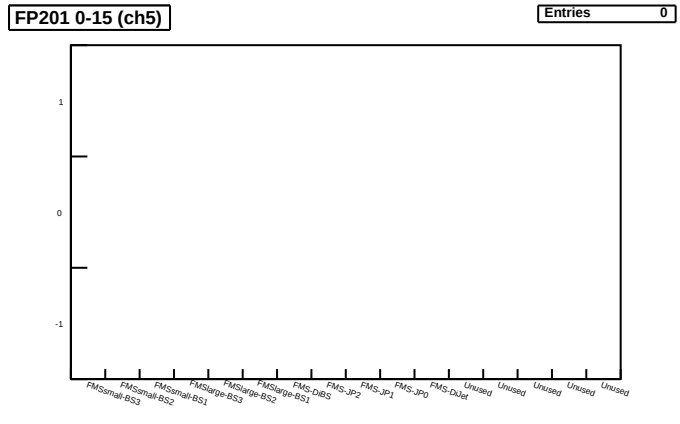

EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


FP201 0-15 (ch5)
Entries 6.855472e+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