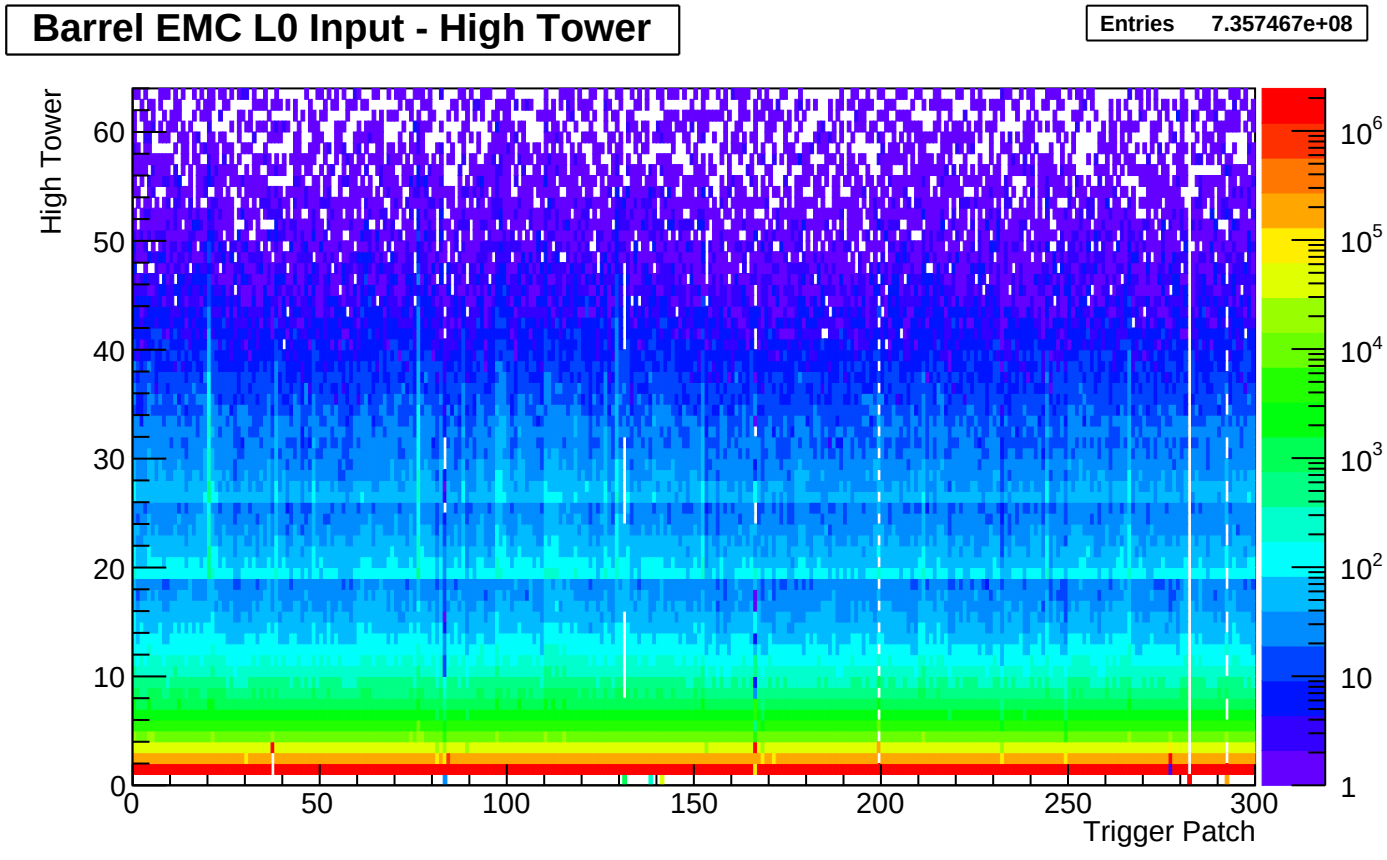
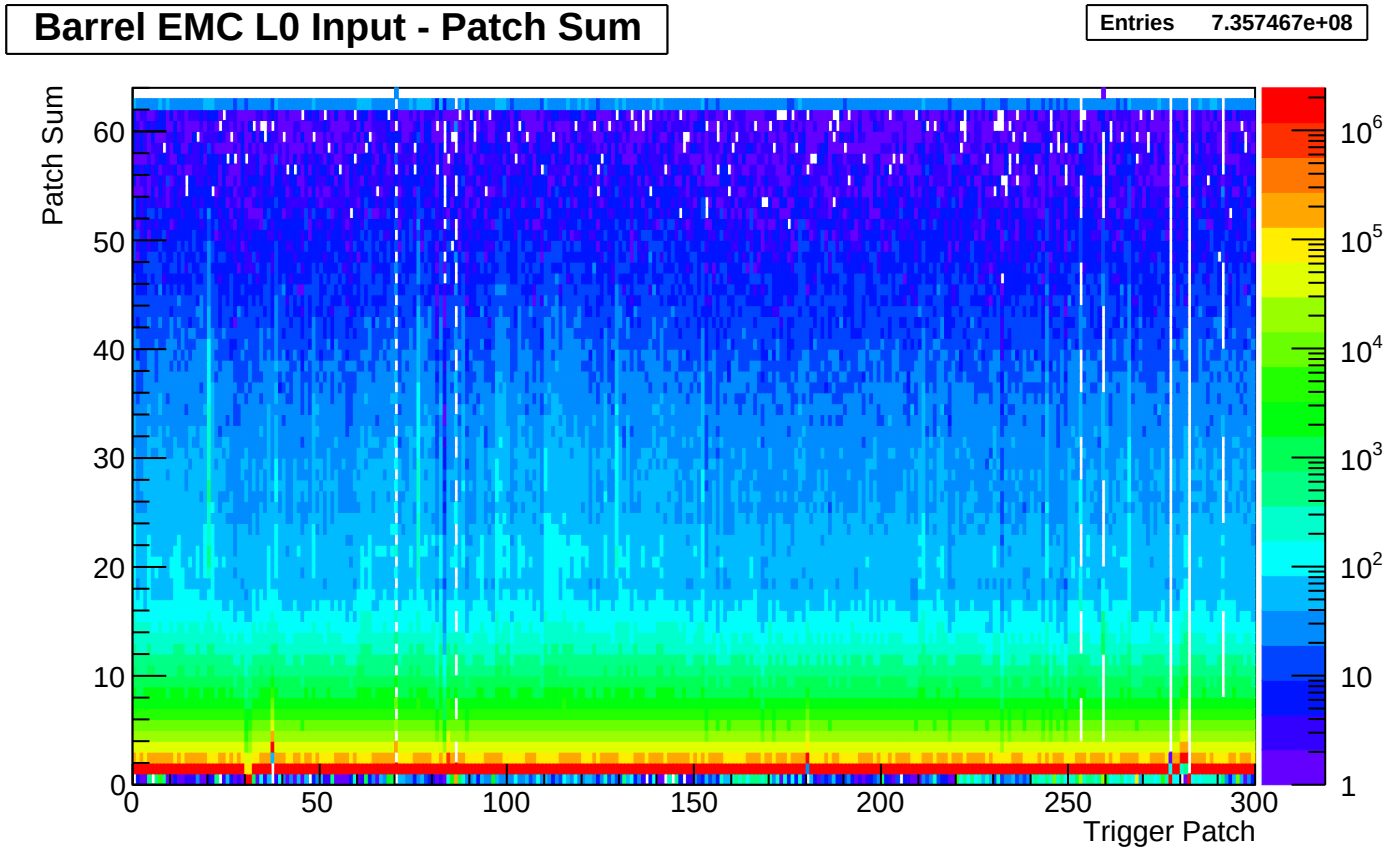
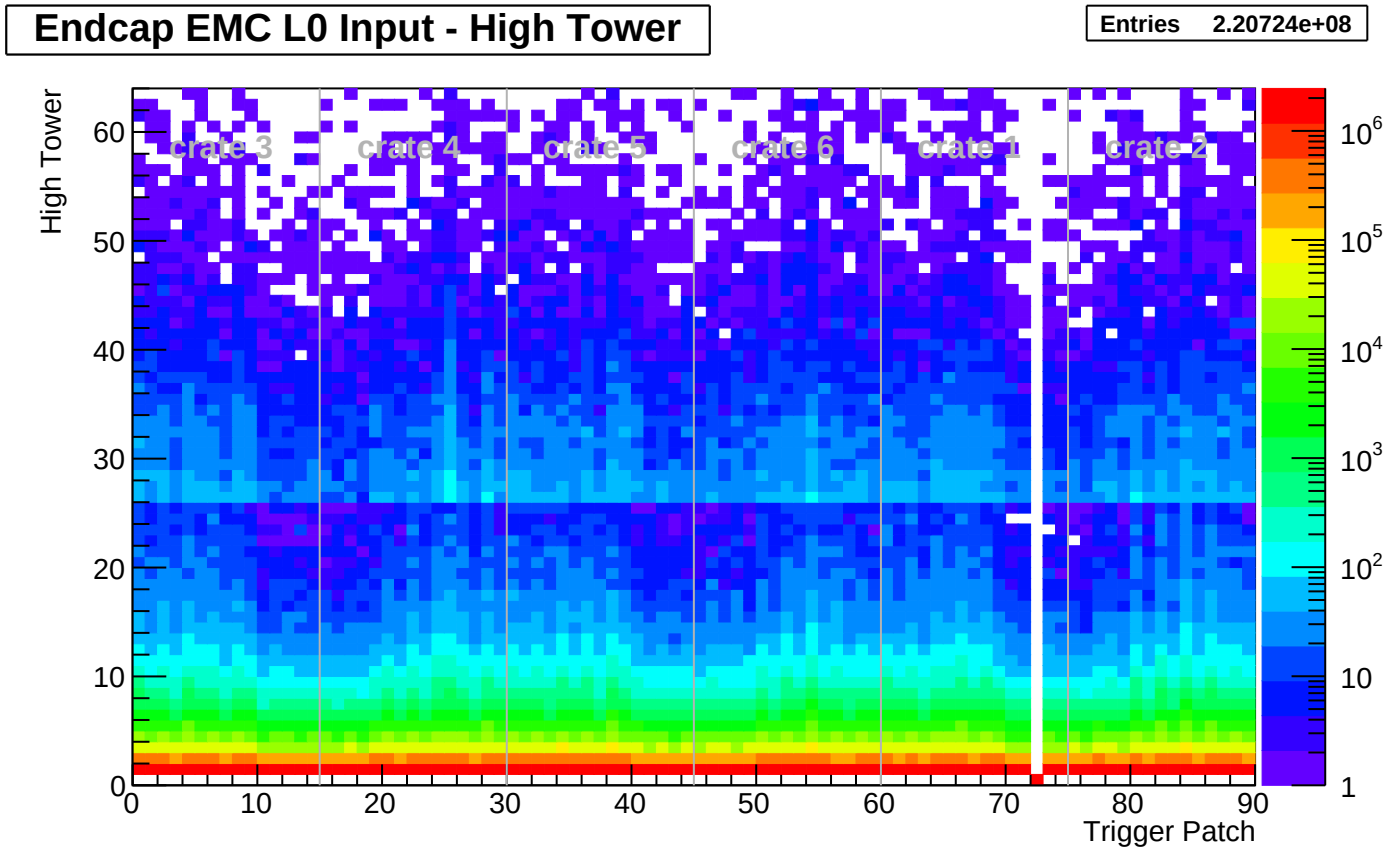
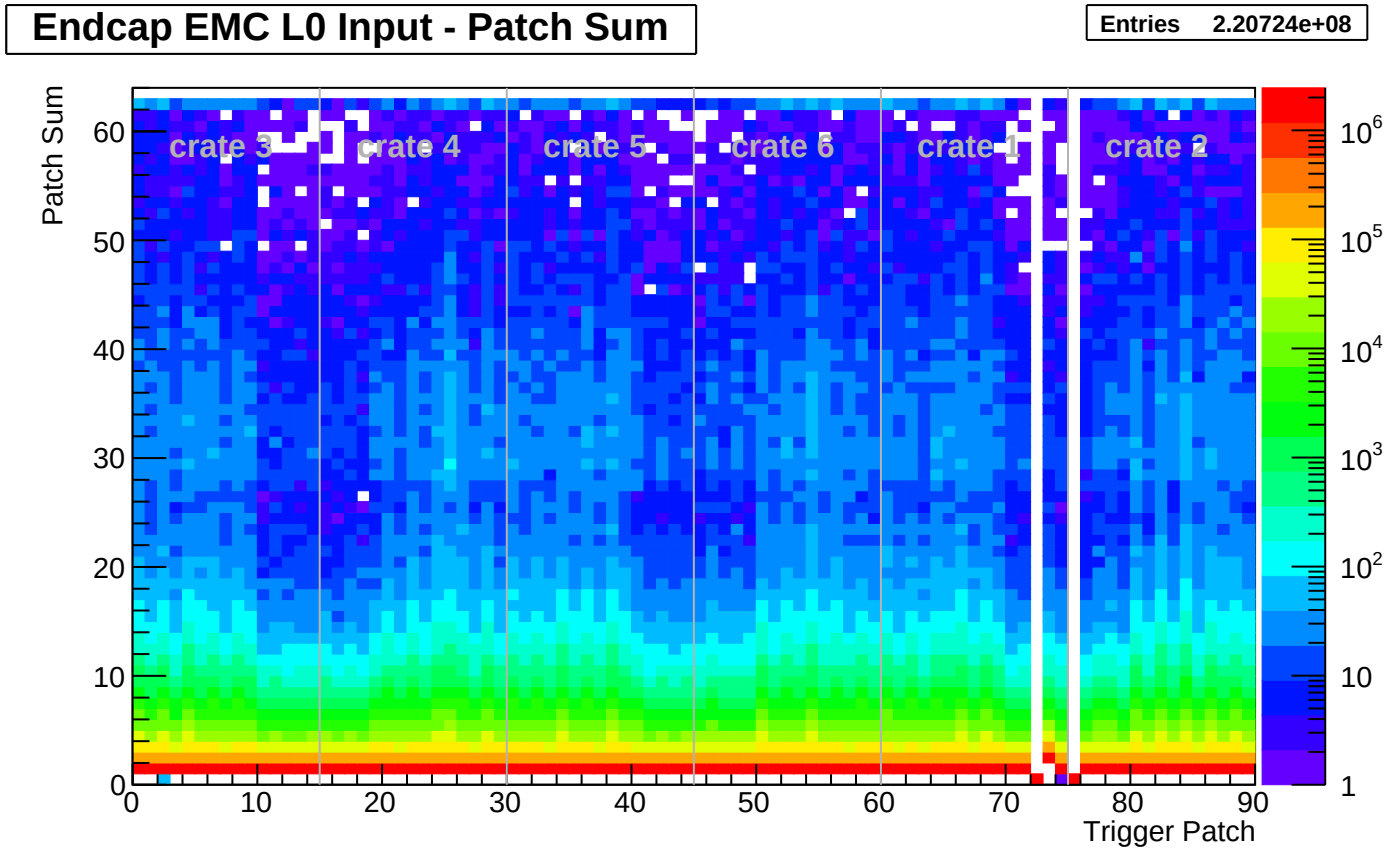
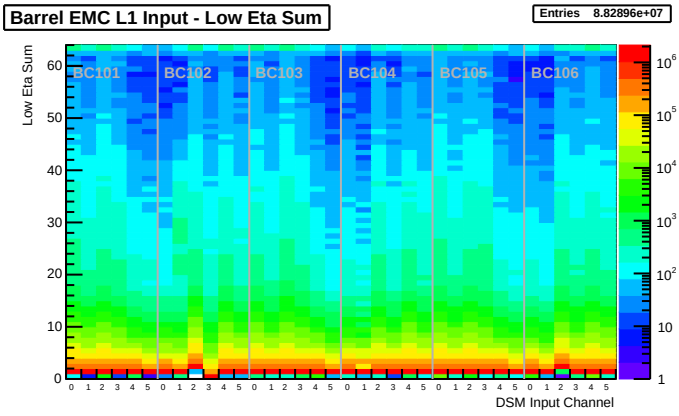
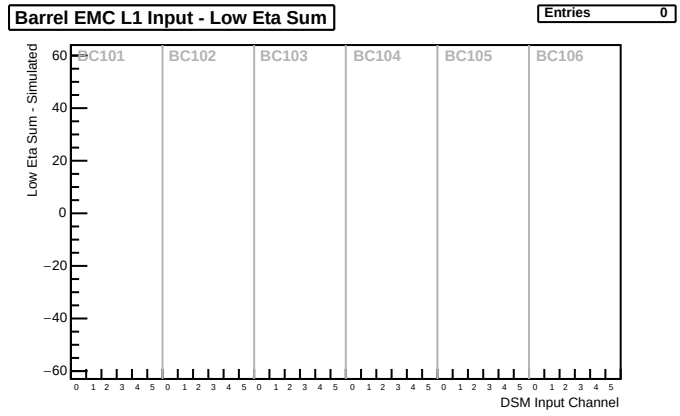

Barrel EMC L0 Input - High Tower
Entries 7.357467e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

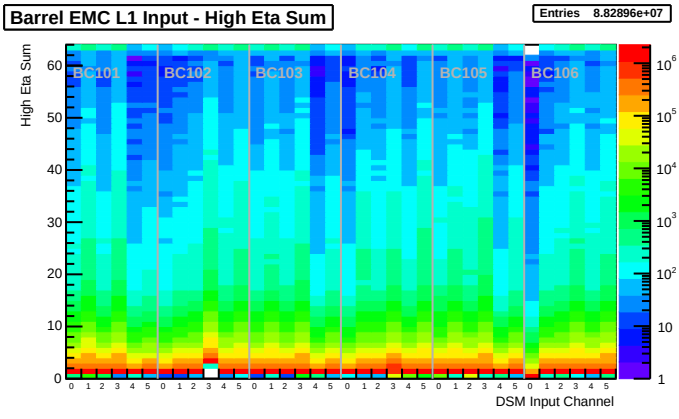

Barrel EMC L0 Input - Patch Sum
Entries 7.357467e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

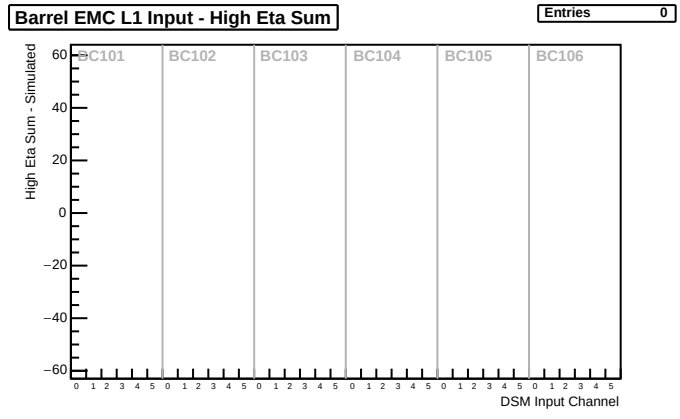

Endcap EMC L0 Input - High Tower
Entries 2.20724e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

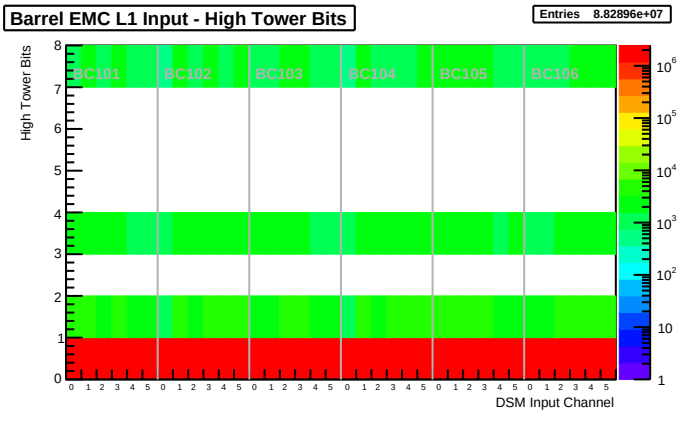

Endcap EMC L0 Input - Patch Sum
Entries 2.20724e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

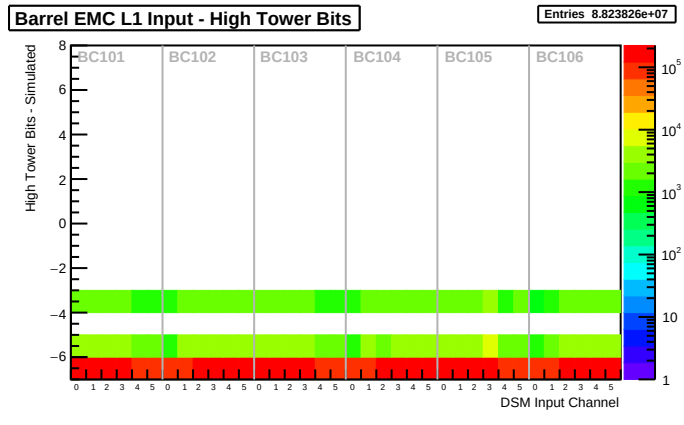

Barrel EMC L1 Input - Low Eta Sum
Entries 8.82896e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

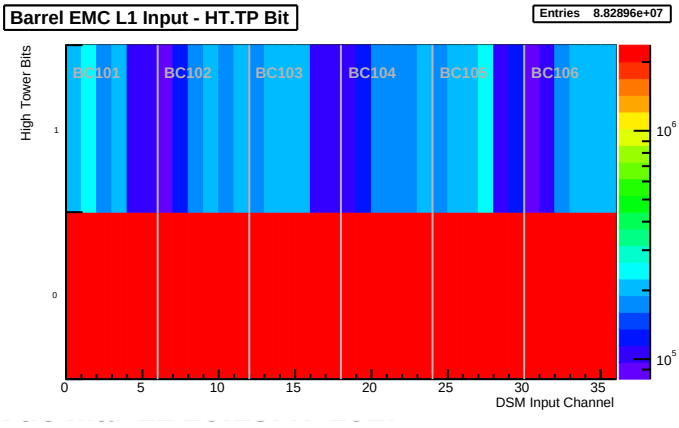

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

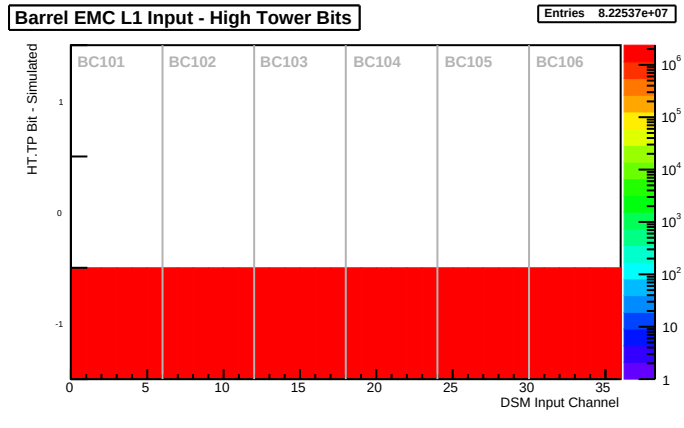

Barrel EMC L1 Input - High Eta Sum
Entries 8.82896e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

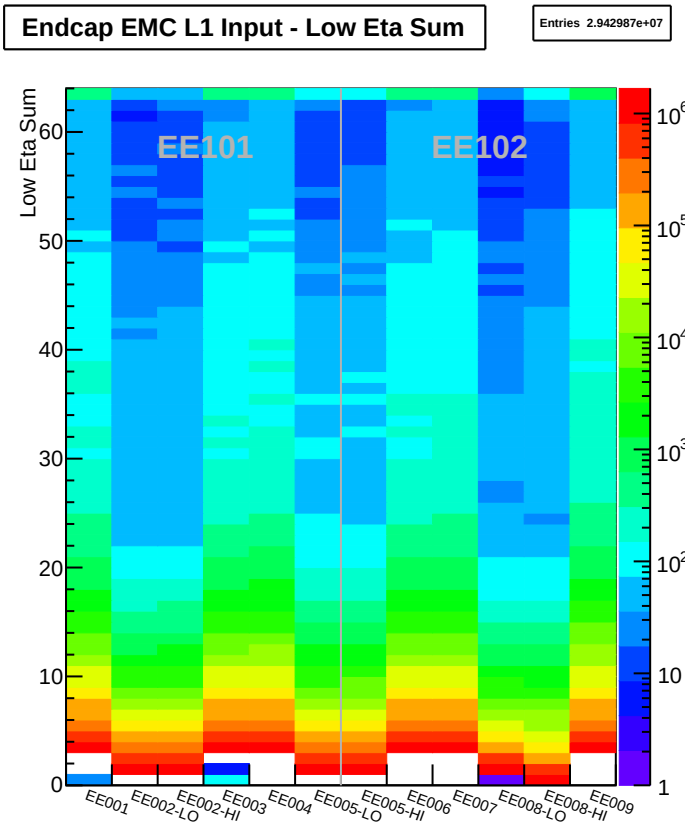

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

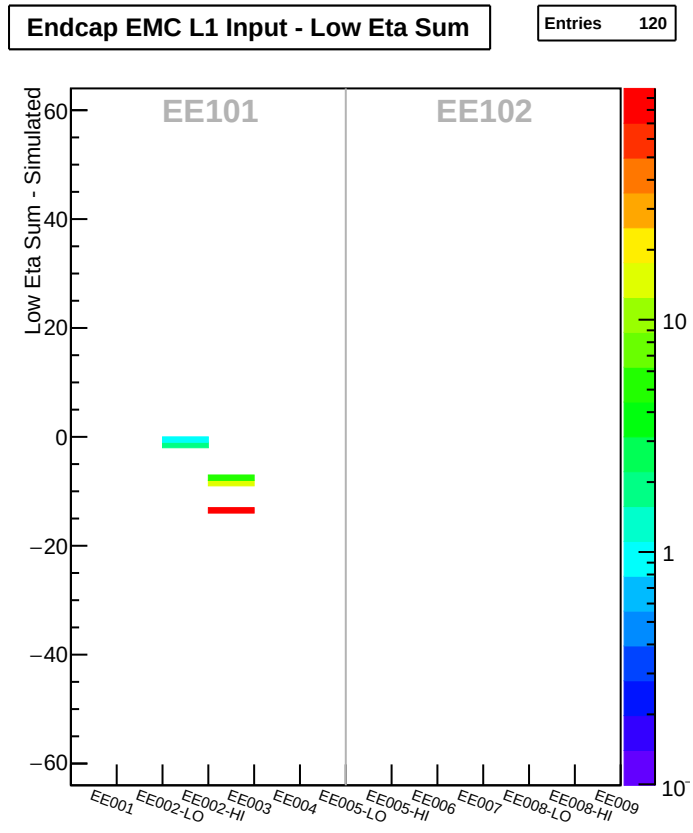

Barrel EMC L1 Input - High Tower Bits
Entries 8.82896e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

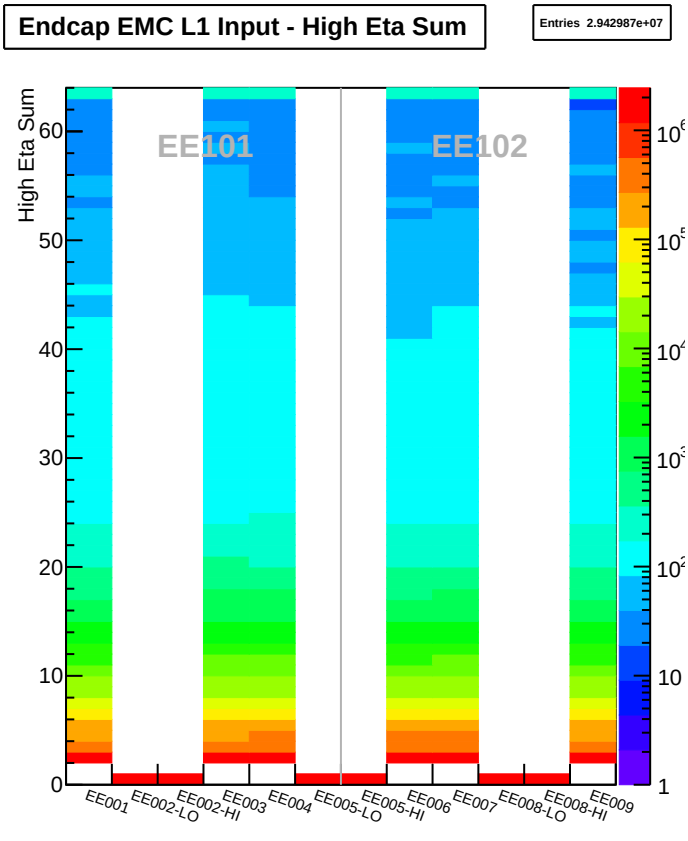

Barrel EMC L1 Input - High Tower Bits
Entries 8.823826e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

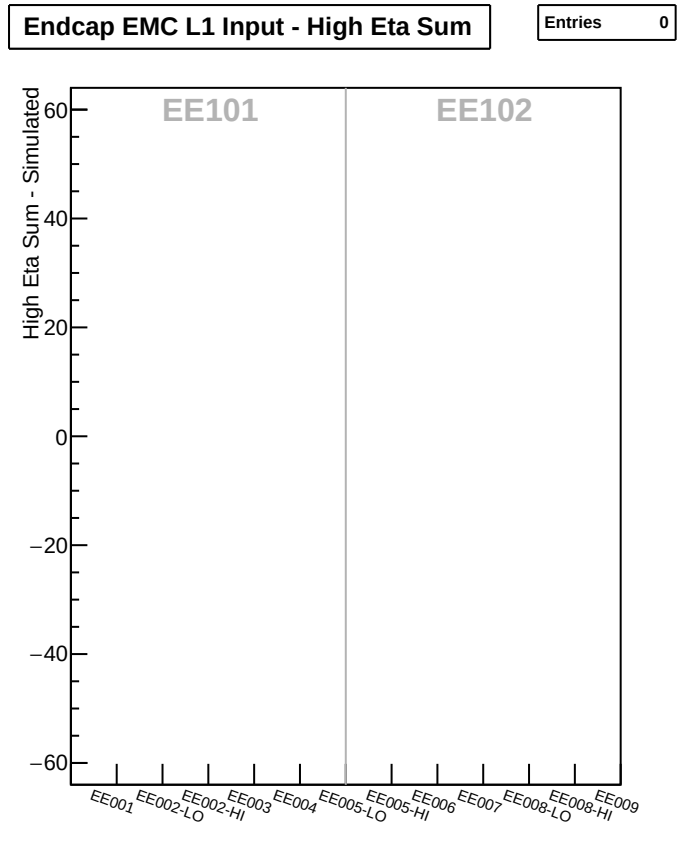

Barrel EMC L1 Input - HT.TP Bit
Entries 8.82896e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 8.22537e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 2.942987e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

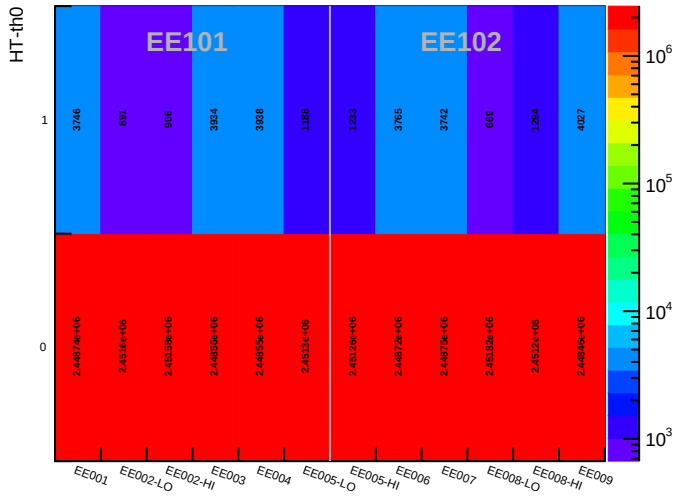

Endcap EMC L1 Input - Low Eta Sum
Entries 120
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 2.942987e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

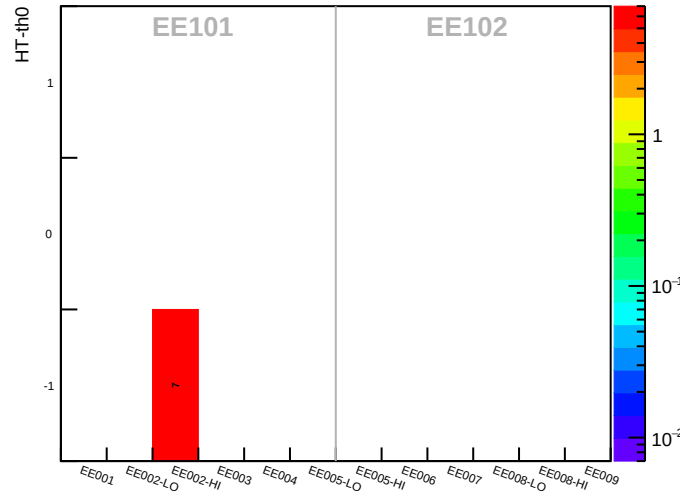
Endcap EMC L1 Input - HT-th0

Entries 2.942987e+07



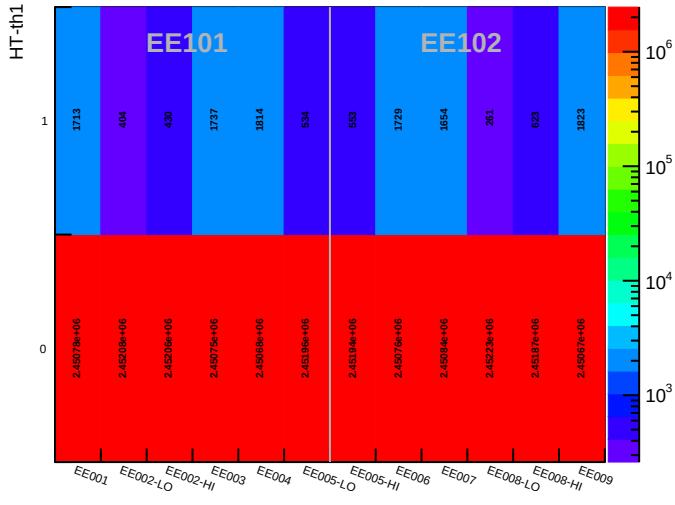
Endcap EMC L1 Input - HT-th0 Diff

Entries 7



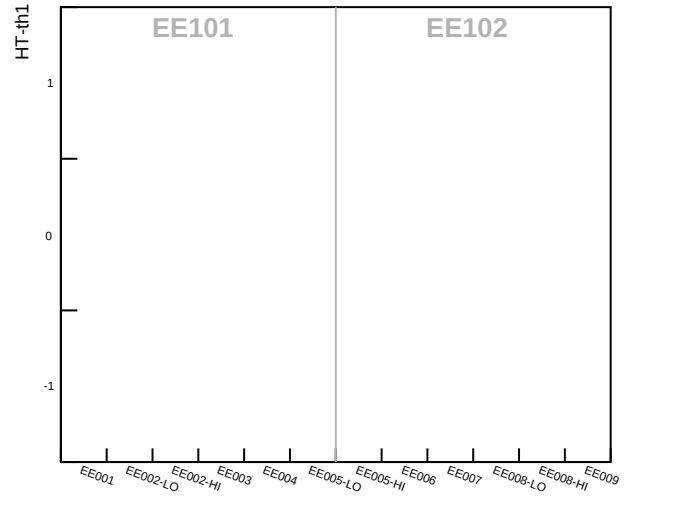
Endcap EMC L1 Input - HT-th1

Entries 2.942987e+07



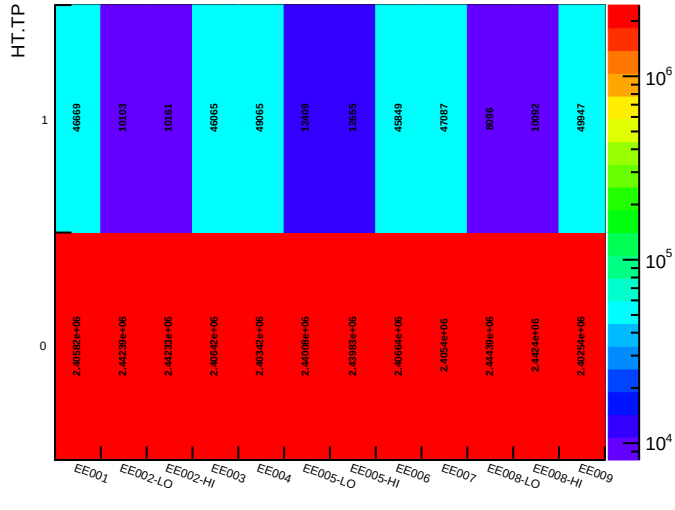
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



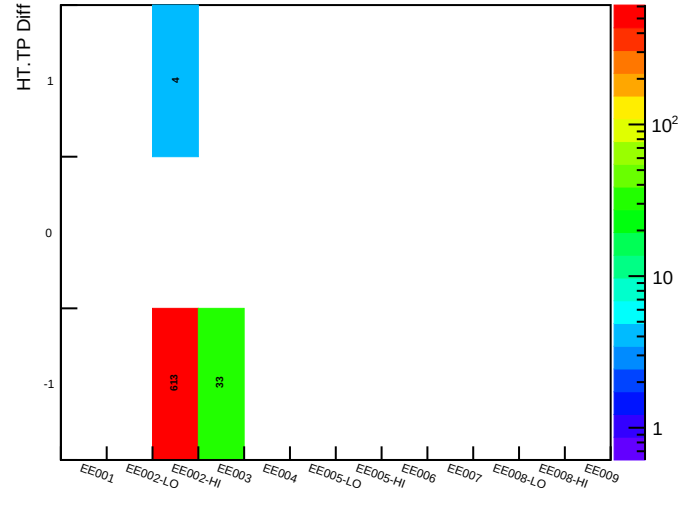
Endcap EMC L1 Input - HT.TP

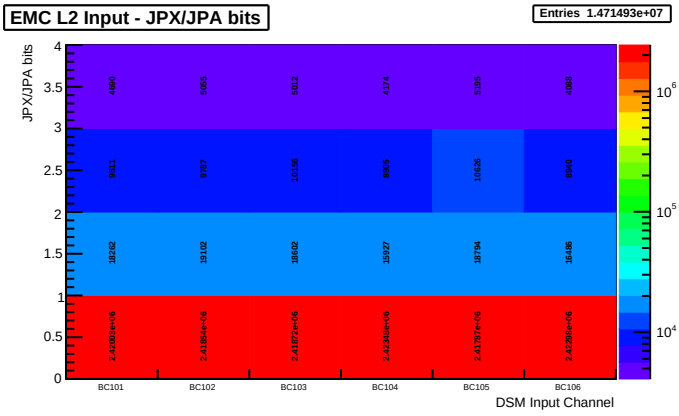
Entries 2.942987e+07

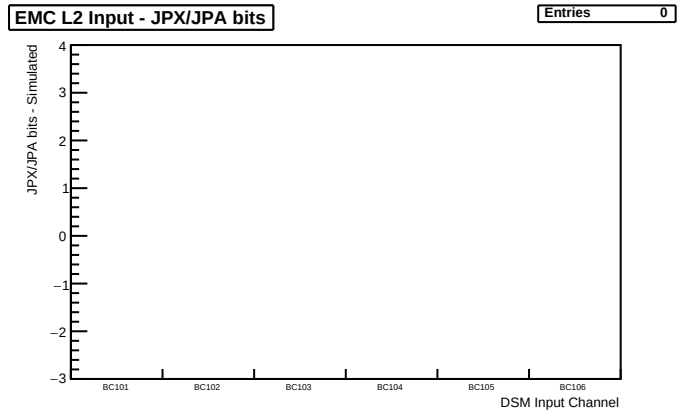


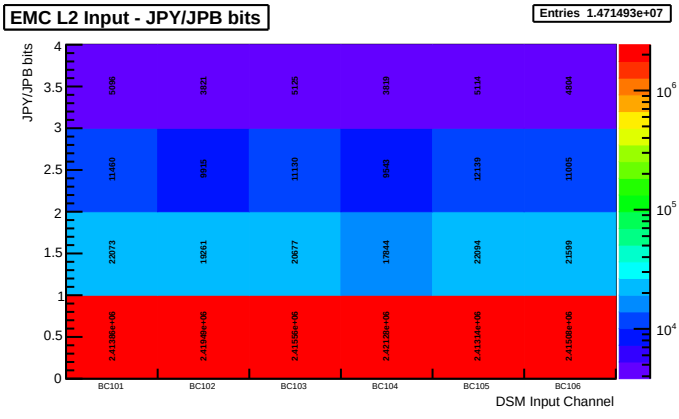
Endcap EMC L1 Input - HT.TP Diff

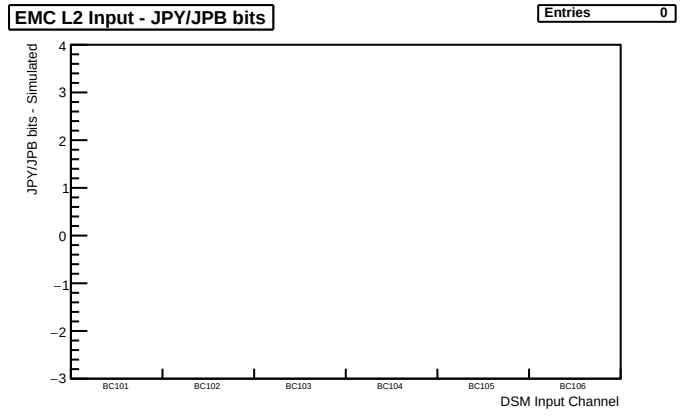
Entries 650

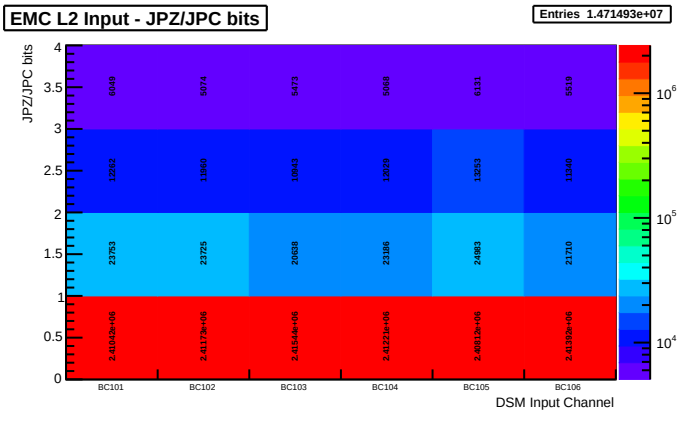


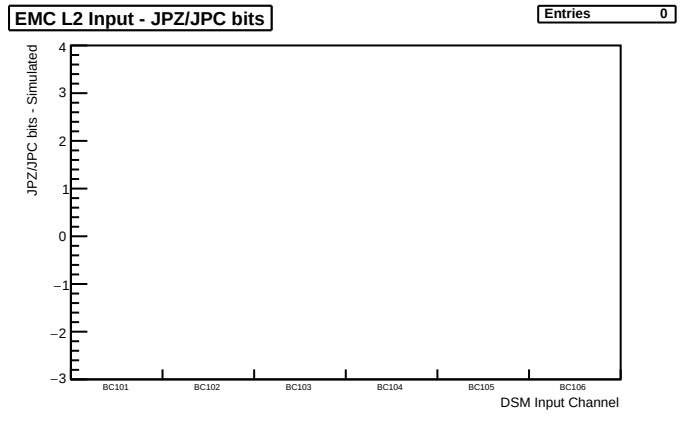

EMC L2 Input - JPX/JPA bits
Entries 1.471493e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

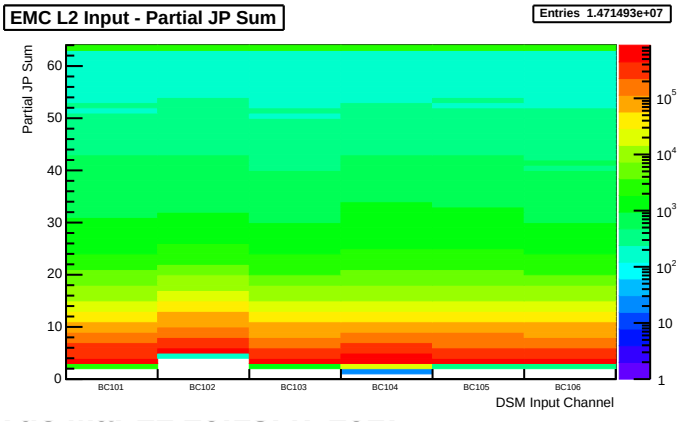

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

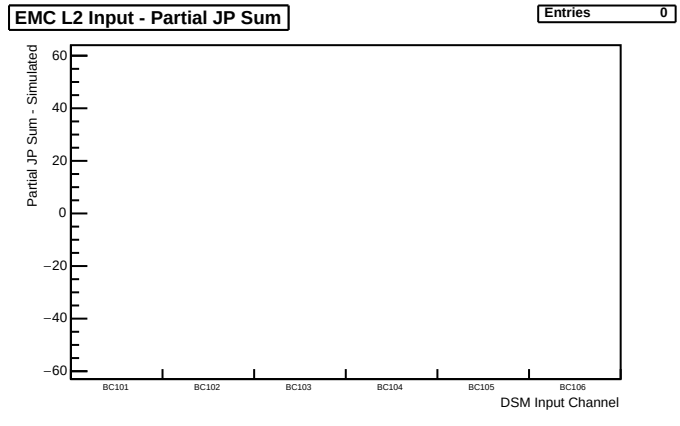

EMC L2 Input - JPY/JPB bits
Entries 1.471493e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

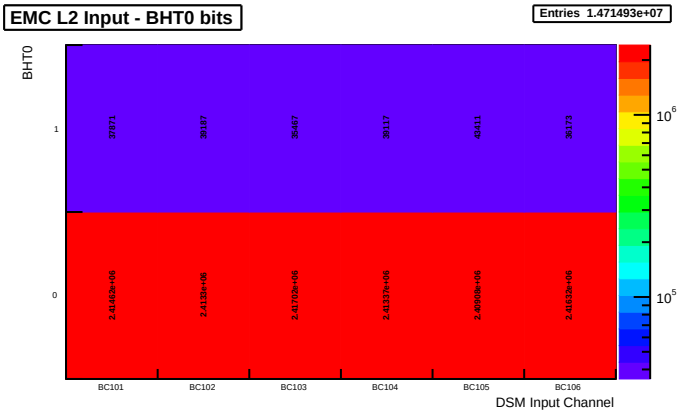

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

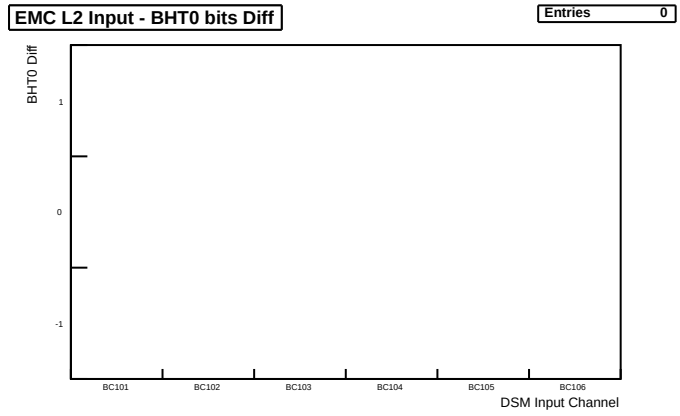

EMC L2 Input - JPZ/JPC bits
Entries 1.471493e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

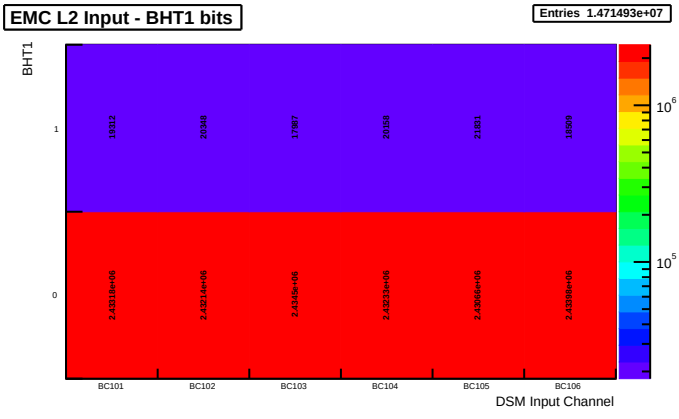

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

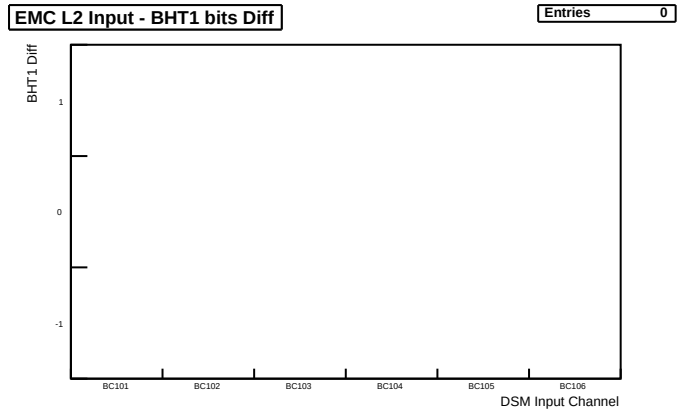

EMC L2 Input - Partial JP Sum
Entries 1.471493e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

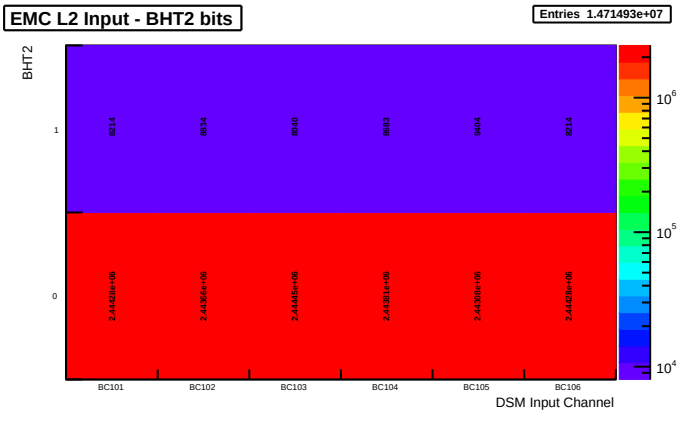

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

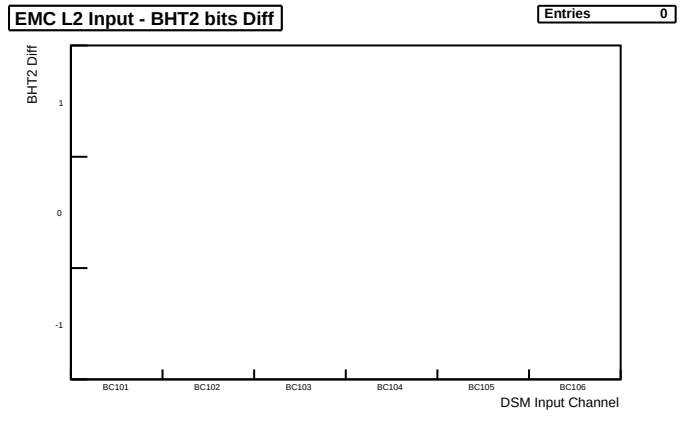

EMC L2 Input - BHT0 bits
Entries 1.471493e+07
BHT0
1
0
37871
39187
35467
39117
43411
38173
2.41462e+06
2.4139e+06
2.41702e+06
2.41337e+06
2.40908e+06
2.41632e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

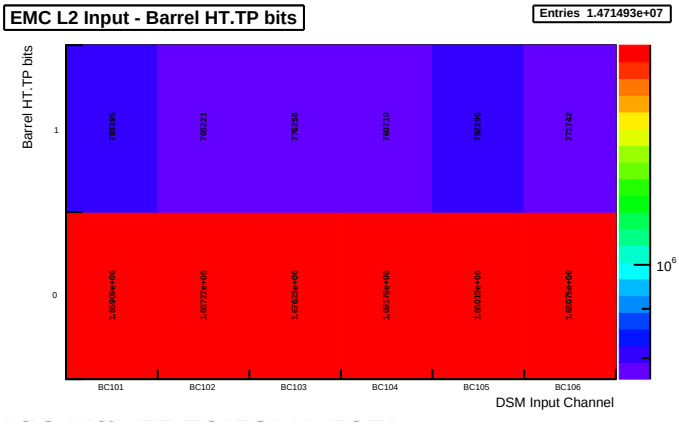

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

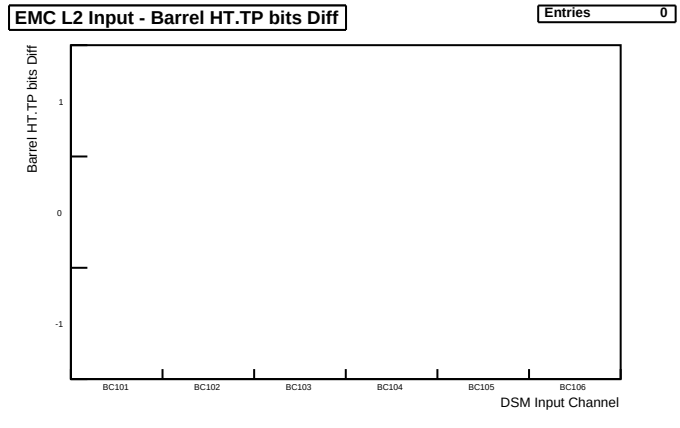

EMC L2 Input - BHT1 bits
Entries 1.471493e+07
BHT1
1
0
19312
20348
17987
20158
21881
18509
2.43318e+06
2.43214e+06
2.43456e+06
2.43233e+06
2.43066e+06
2.43308e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

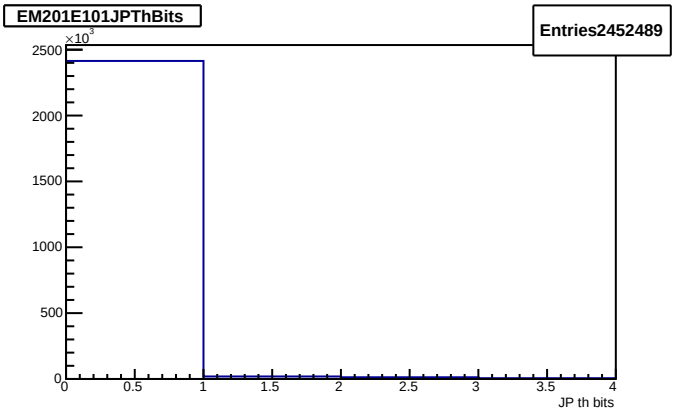

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

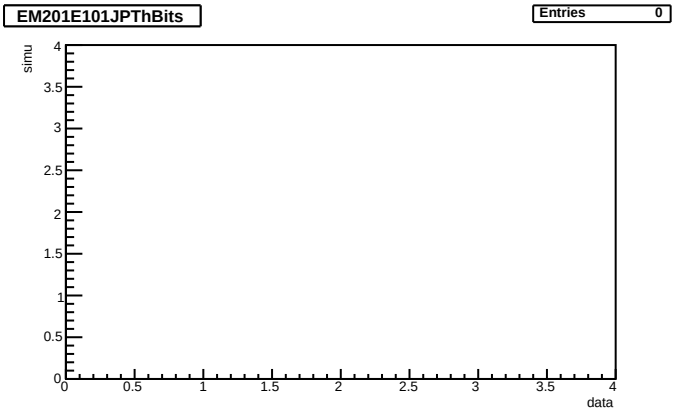

EMC L2 Input - BHT2 bits
Entries 1.471493e+07
BHT2
1
0
8214
8834
8040
8683
9404
8214
2.44428e+06
2.44356e+06
2.44445e+06
2.44381e+06
2.44308e+06
2.44428e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

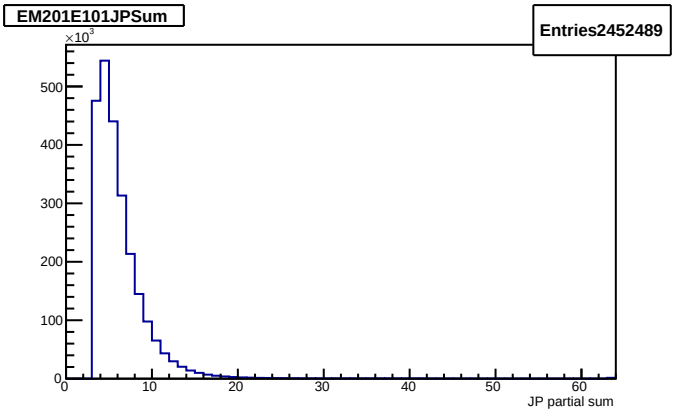

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

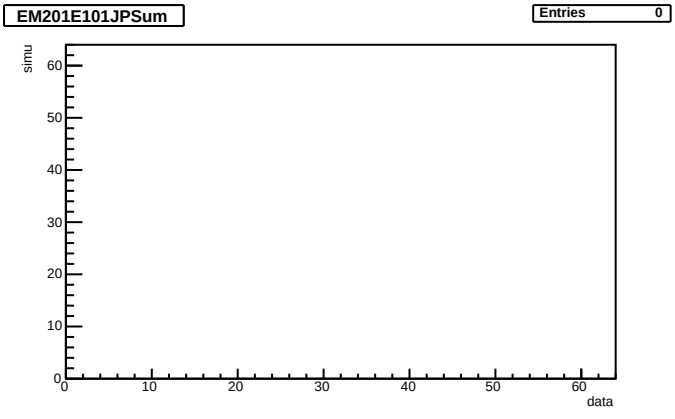

EMC L2 Input - Barrel HT.TP bits
Entries 1.471493e+07
Barrel HT.TP bits
1
0
763365
765221
776258
760710
762256
771742
1.65908e+06
1.68727e+06
1.67623e+06
1.68178e+06
1.66019e+06
1.68075e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

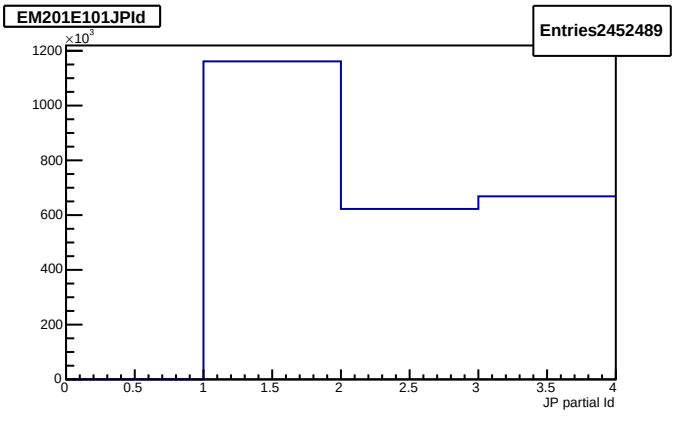

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

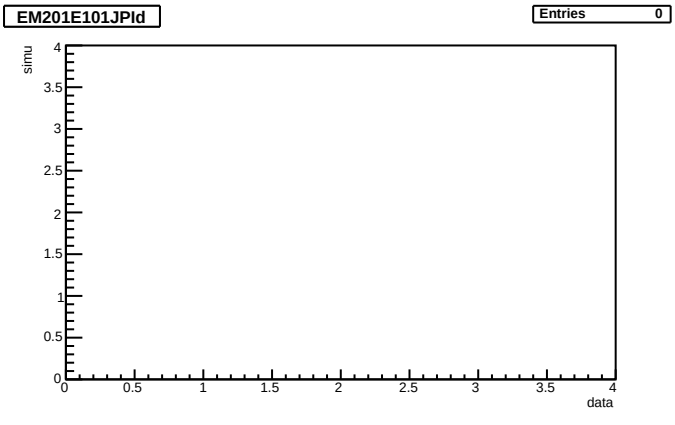

EM201E101JPThBits
Entries2452489
×10^3
JP th bits

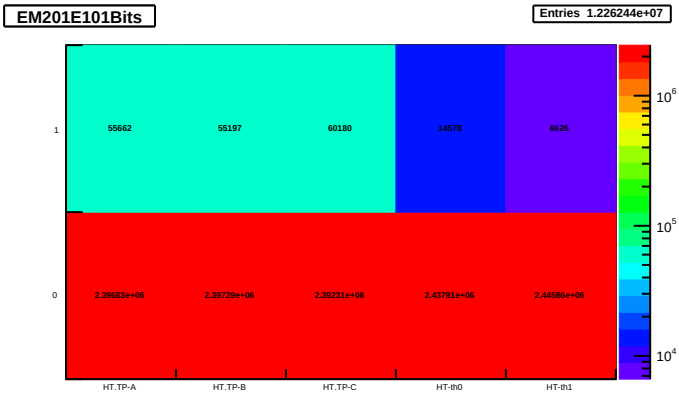

EM201E101JPThBits
Entries 0
simu
data

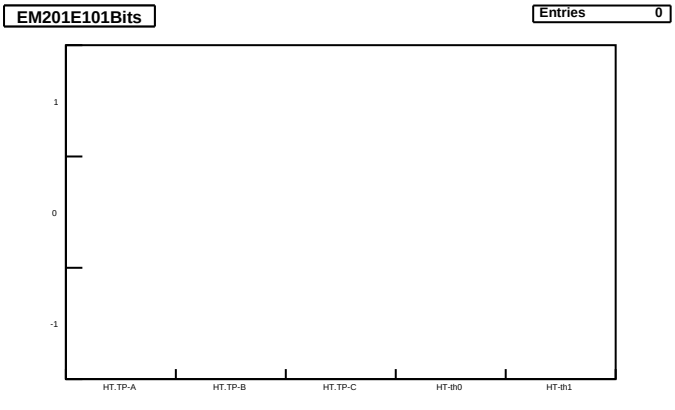

EM201E101JPSum
Entries2452489
×10^3
JP partial sum

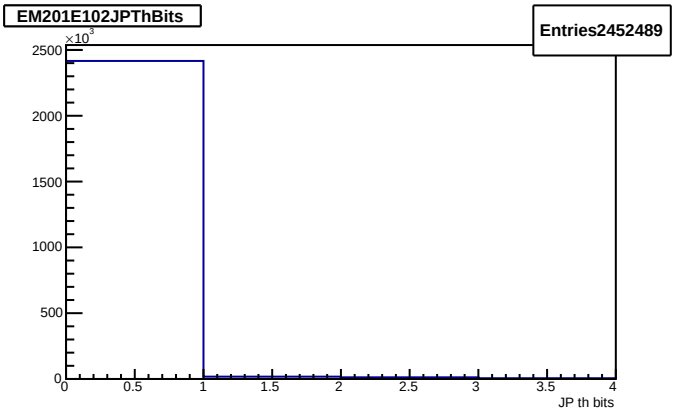

EM201E101JPSum
Entries 0
simu
data

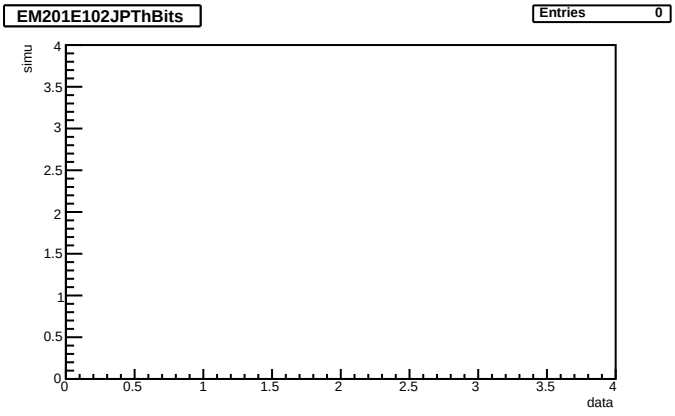

EM201E101JPId
Entries2452489
×10^3
JP partial Id

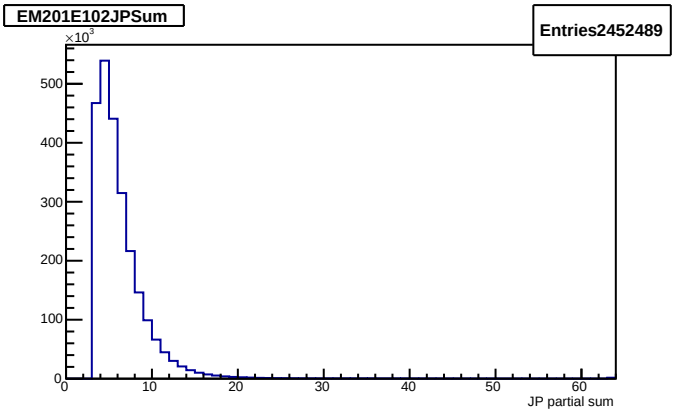

EM201E101JPId
Entries 0
simu
data

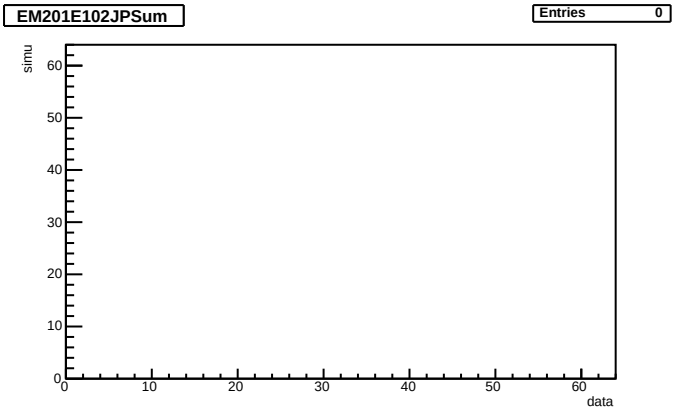

EM201E101Bits
Entries 1.226244e+07
55662
55197
60180
14578
6026
2.39683e+06
2.39729e+06
2.39231e+06
2.43791e+06
2.44586e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

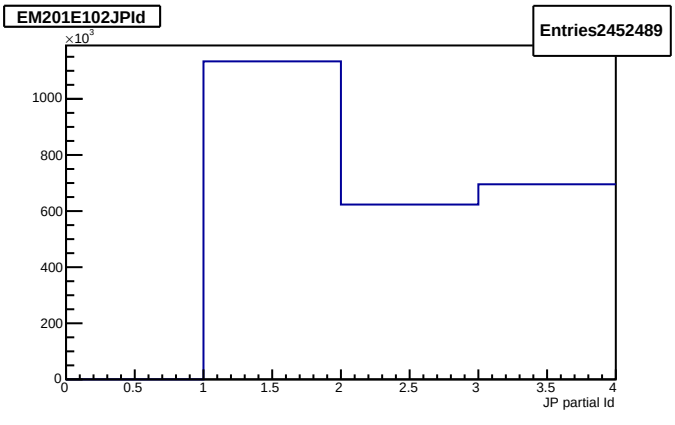

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

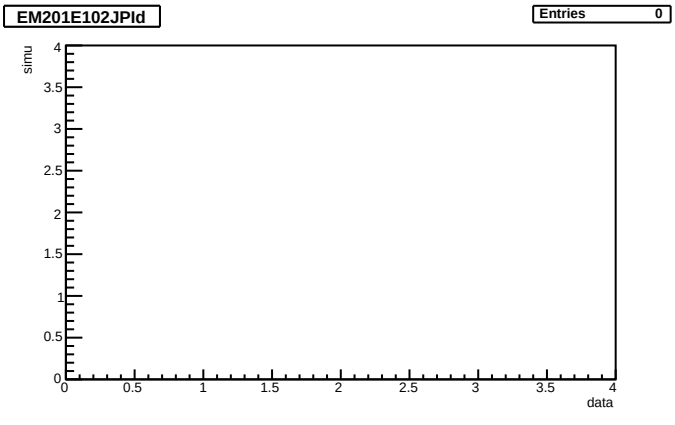

EM201E102JPThBits
Entries2452489
×10^3
JP th bits

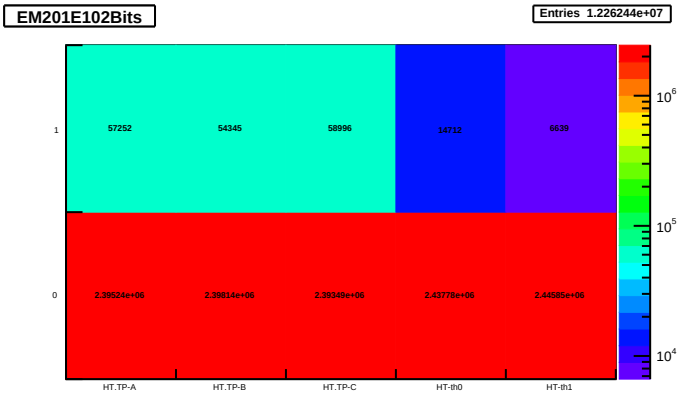

EM201E102JPThBits
Entries 0
simu
data

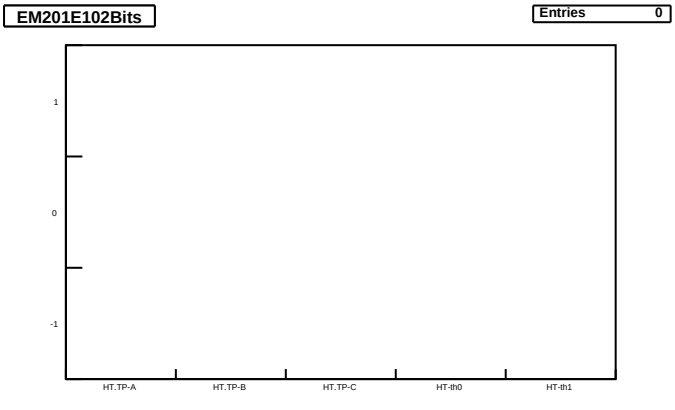

EM201E102JPSum
Entries2452489
×10^3
JP partial sum

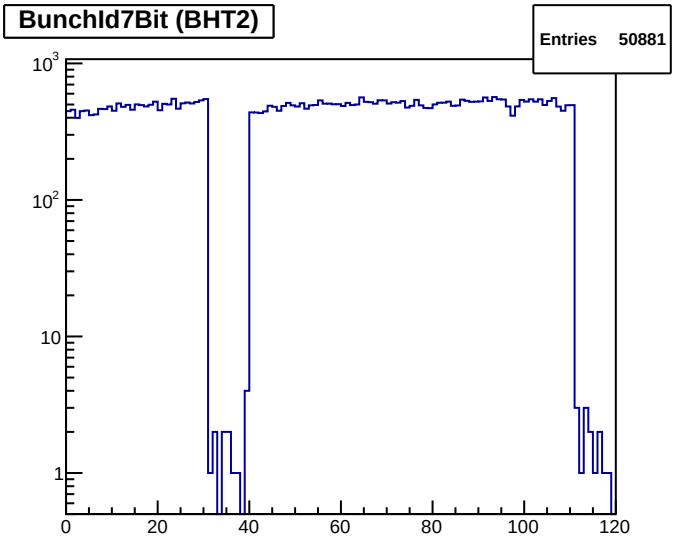

EM201E102JPSum
Entries 0
simu
data

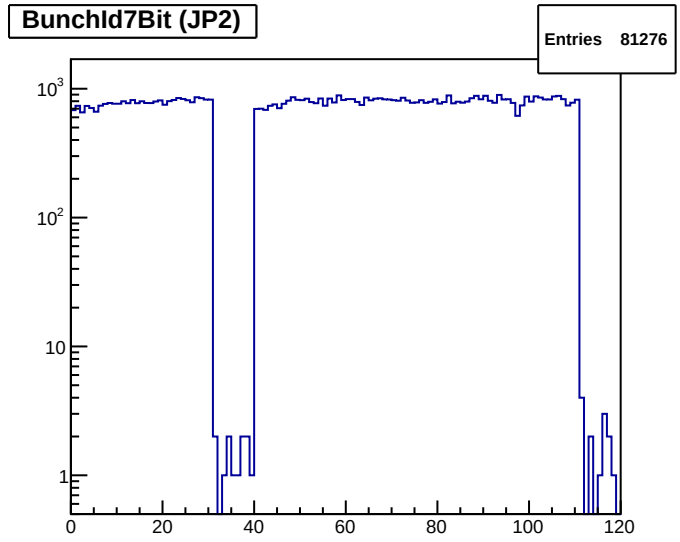

EM201E102JPId
Entries2452489
×10^3
JP partial Id

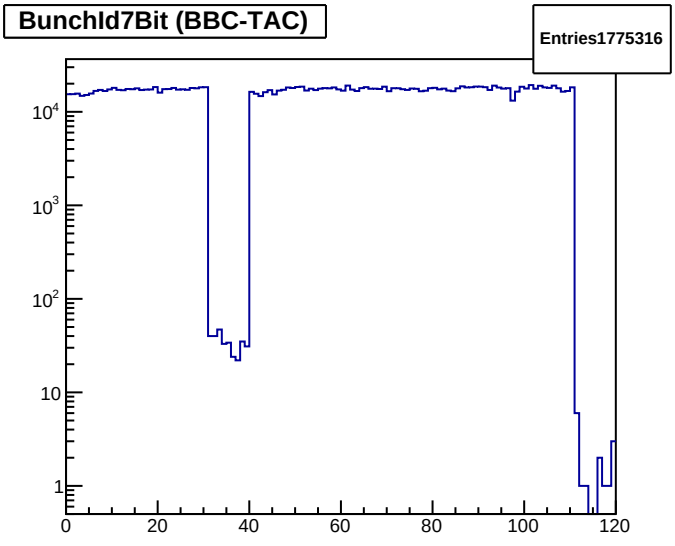

EM201E102JPId
Entries 0
simu
data

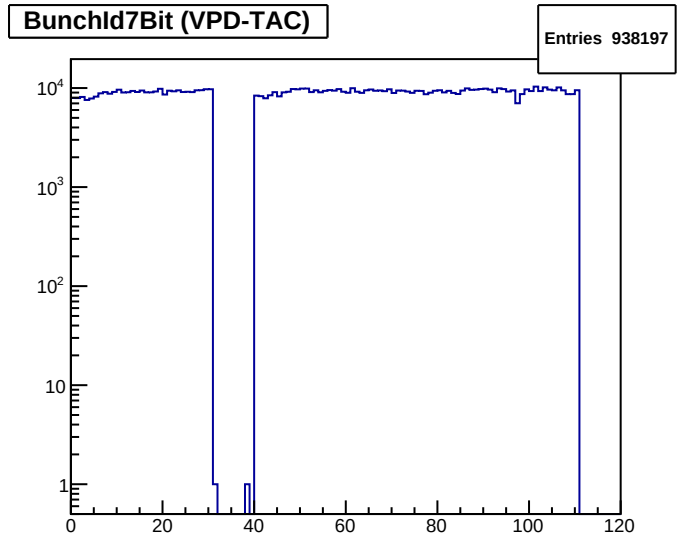

EM201E102Bits
Entries 1.226244e+07
57252
54345
58996
14712
6039
2.39524e+06
2.39814e+06
2.39349e+06
2.43778e+06
2.44585e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

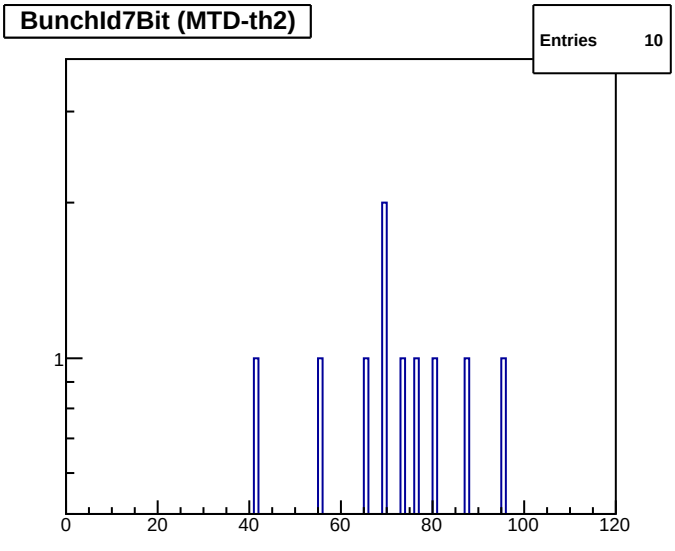

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

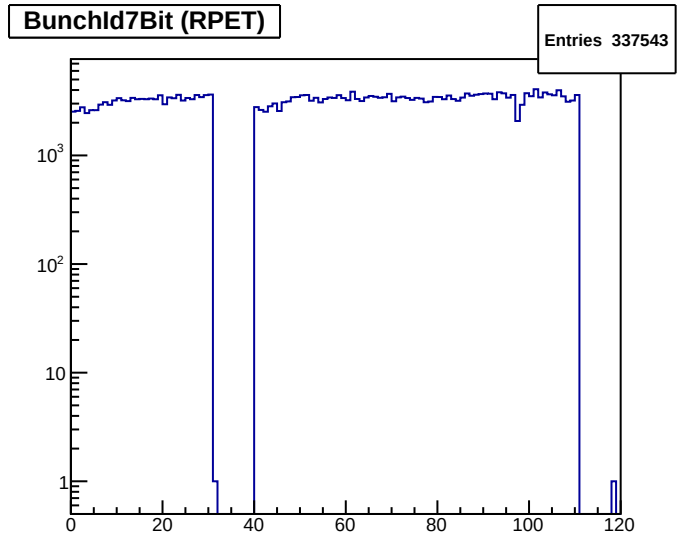

BunchId7Bit (BHT2)
Entries 50881

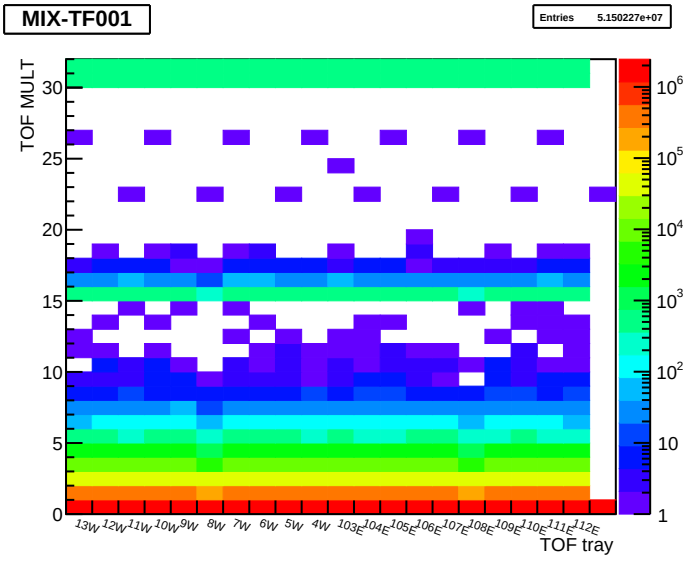

BunchId7Bit (JP2)
Entries 81276

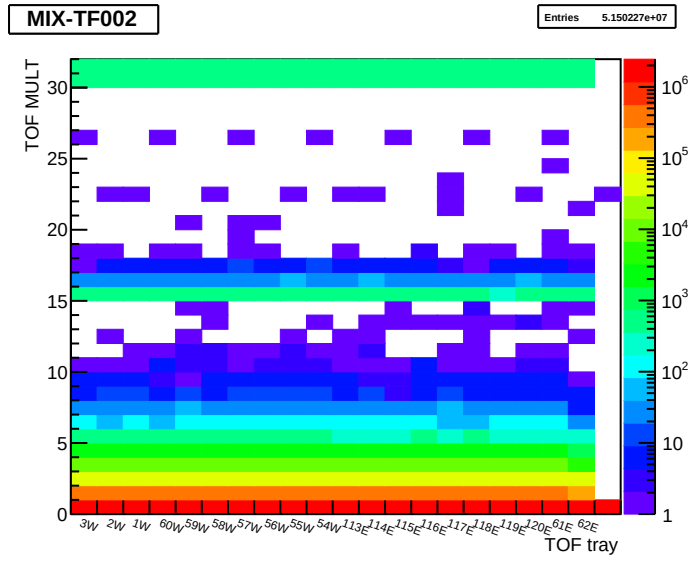

BunchId7Bit (BBC-TAC)
Entries1775316

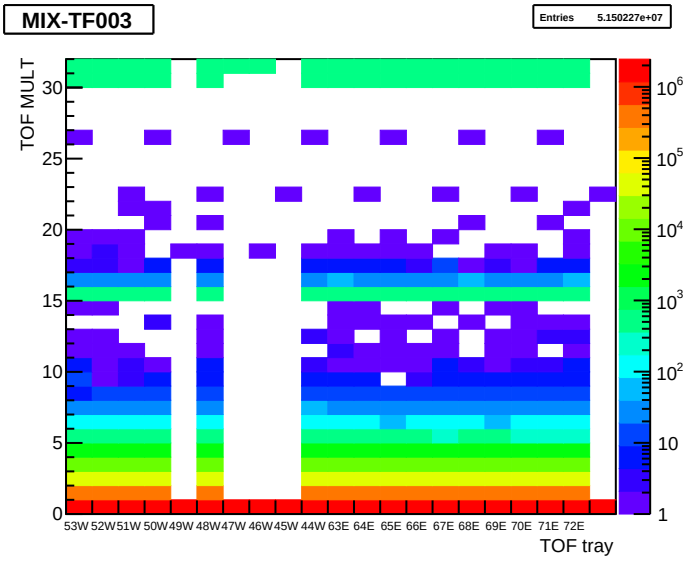

BunchId7Bit (VPD-TAC)
Entries 938197

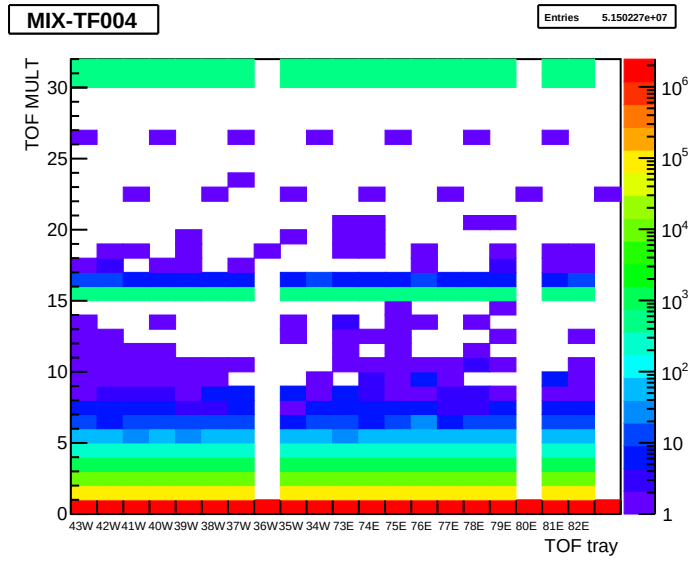

BunchId7Bit (MTD-th2)
Entries 10

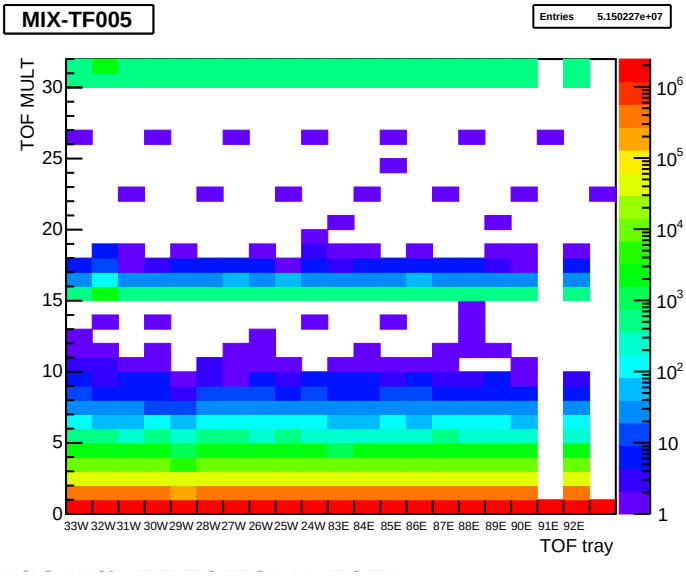

BunchId7Bit (RPET)
Entries 337543

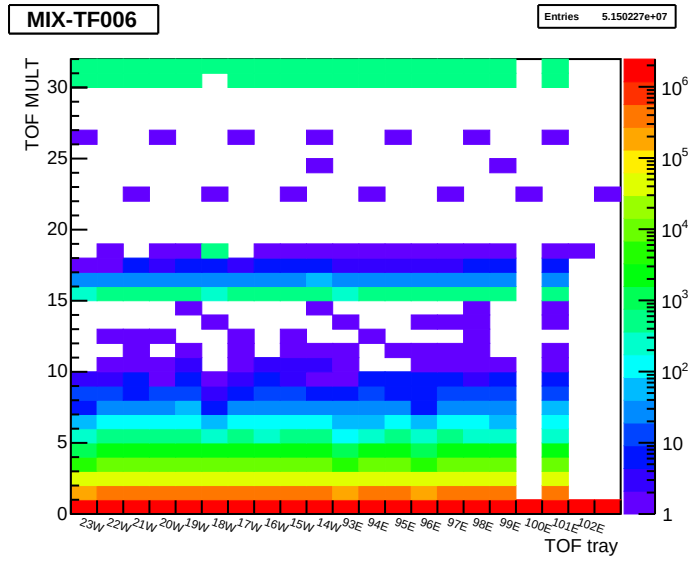

MIX-TF001
Entries 5.150227e+07
TOF MULT
TOF tray

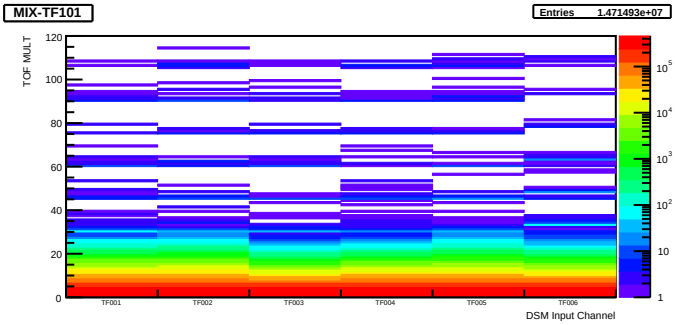

MIX-TF002
Entries 5.150227e+07
TOF MULT
TOF tray

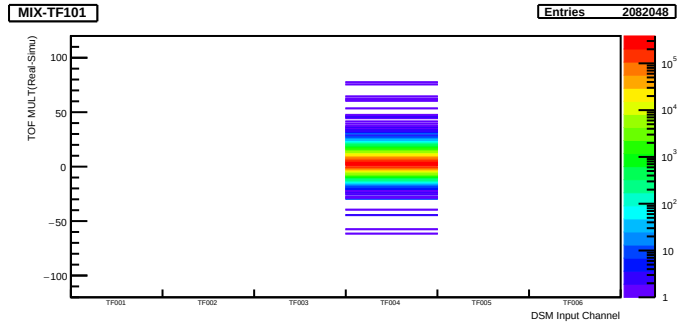

MIX-TF003
Entries 5.150227e+07
TOF MULT
TOF tray

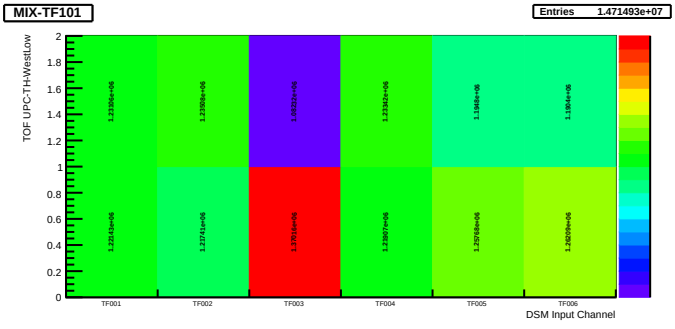

MIX-TF004
Entries 5.150227e+07
TOF MULT
TOF tray

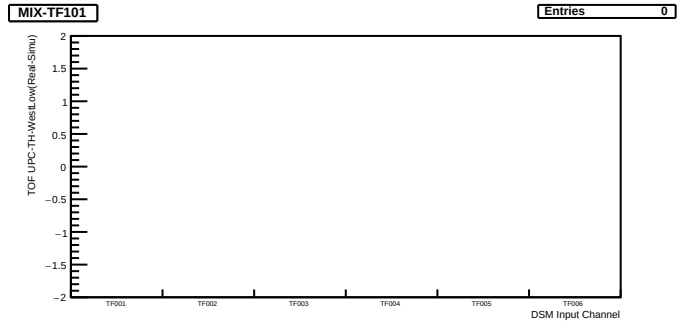

MIX-TF005
Entries 5.150227e+07
TOF MULT
TOF tray

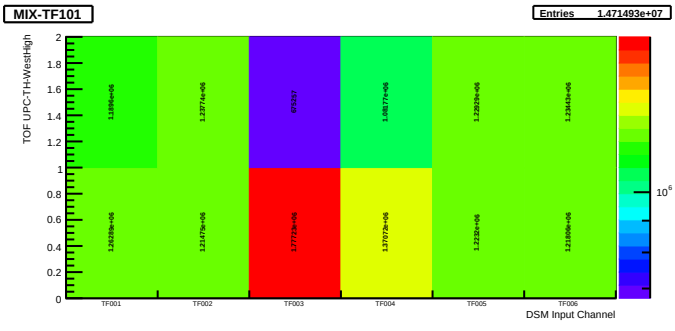

MIX-TF006
Entries 5.150227e+07
TOF MULT
TOF tray

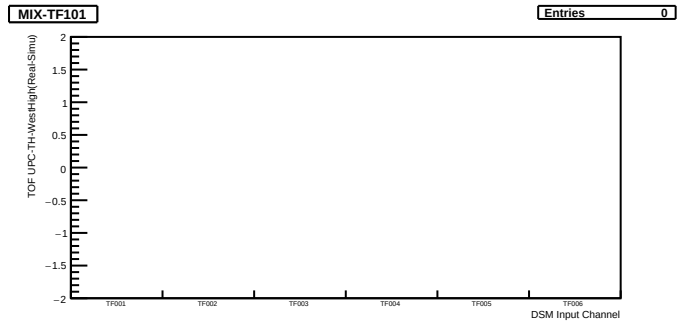

MIX-TF101
Entries 1.471493e+07
TOF MULT
DSM Input Channel

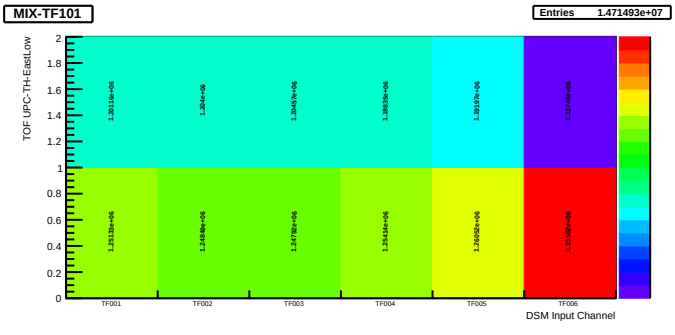

MIX-TF101
Entries 2082048
TOF MULT(Real-Simu)
DSM Input Channel

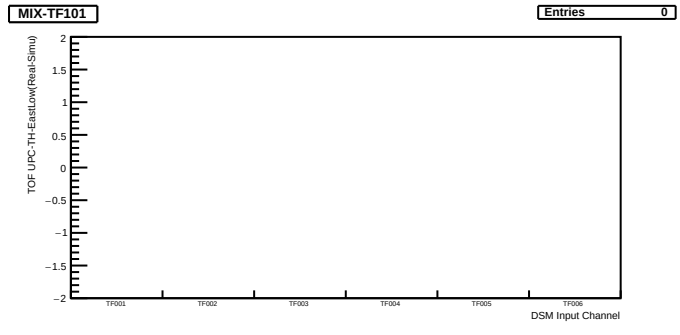

MIX-TF101
Entries 1.471493e+07
TOF UPC-TH-WestLow
DSM Input Channel

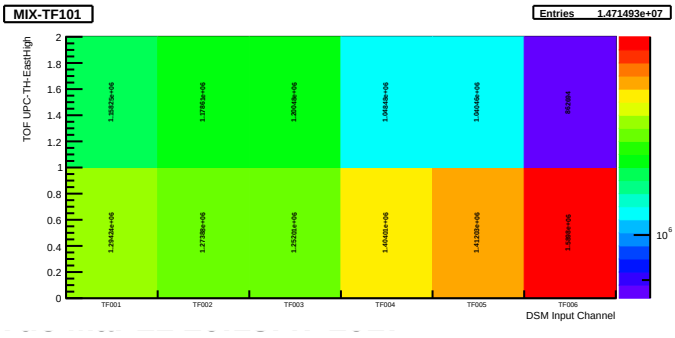

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

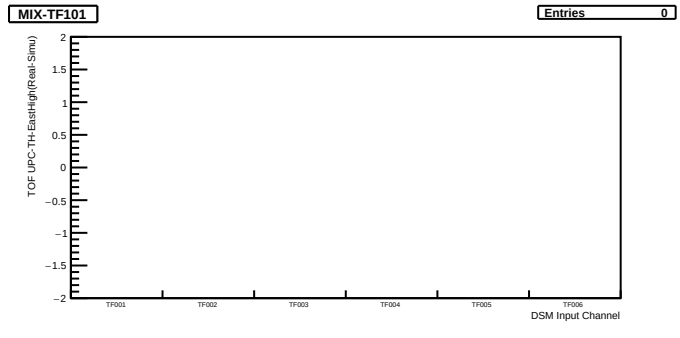

MIX-TF101
Entries 1.471493e+07
TOF UPC-TH-WestHigh
DSM Input Channel

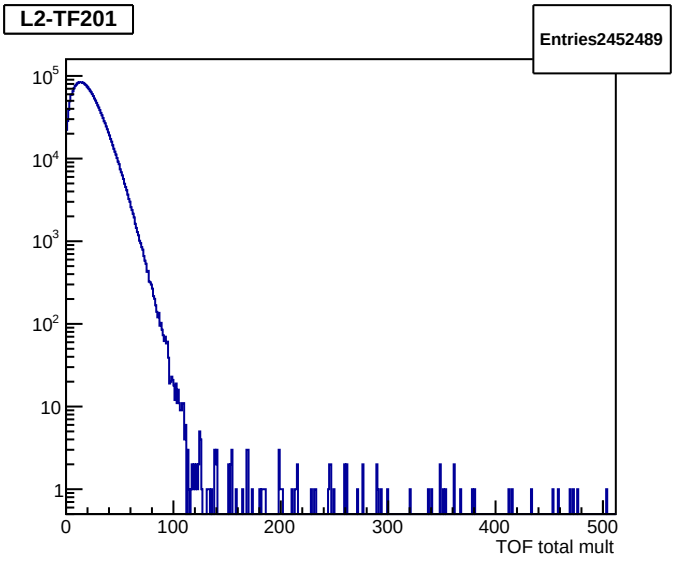

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

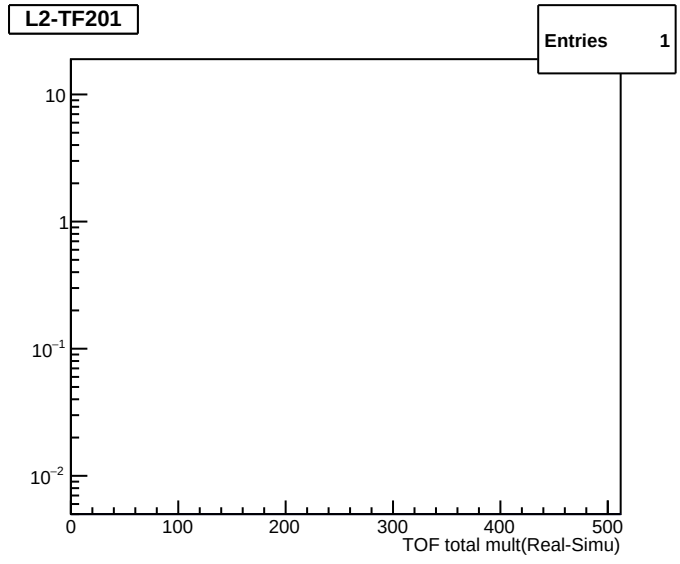

MIX-TF101
Entries 1.471493e+07
TOF UPC-TH-EastLow
DSM Input Channel

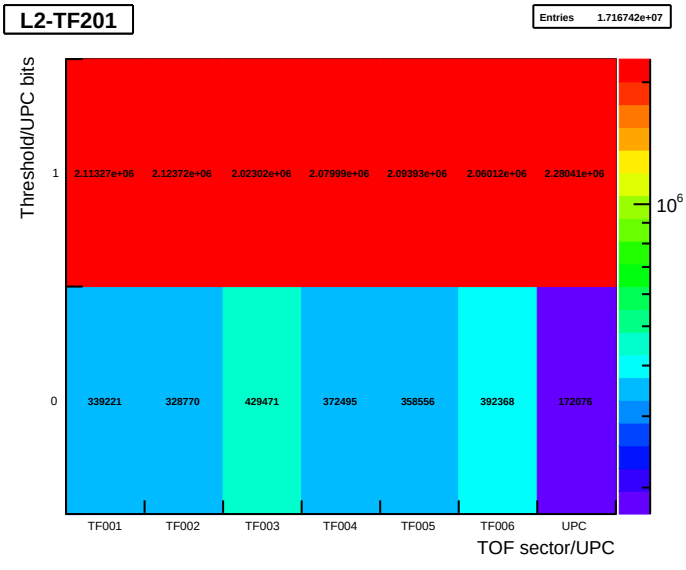

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

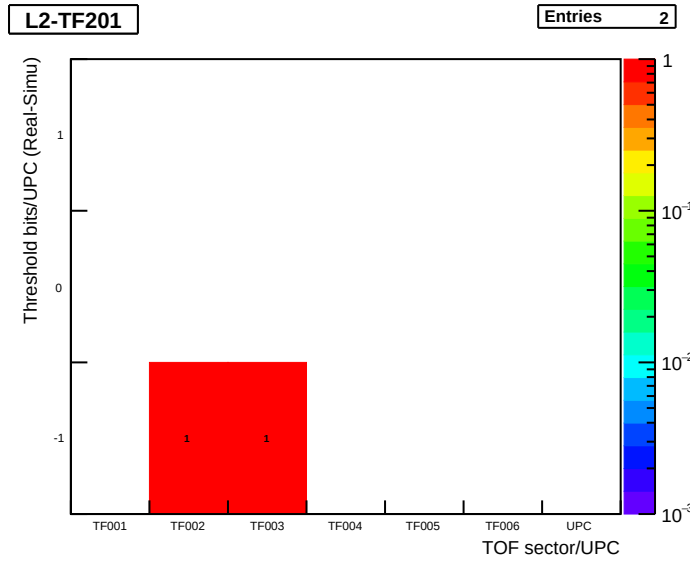

MIX-TF101
Entries 1.471493e+07
TOF UPC-TH-EastHigh
DSM Input Channel

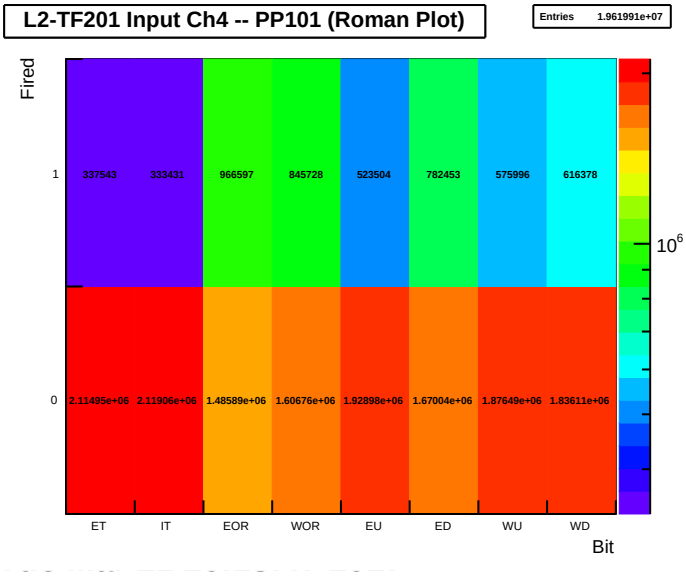

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

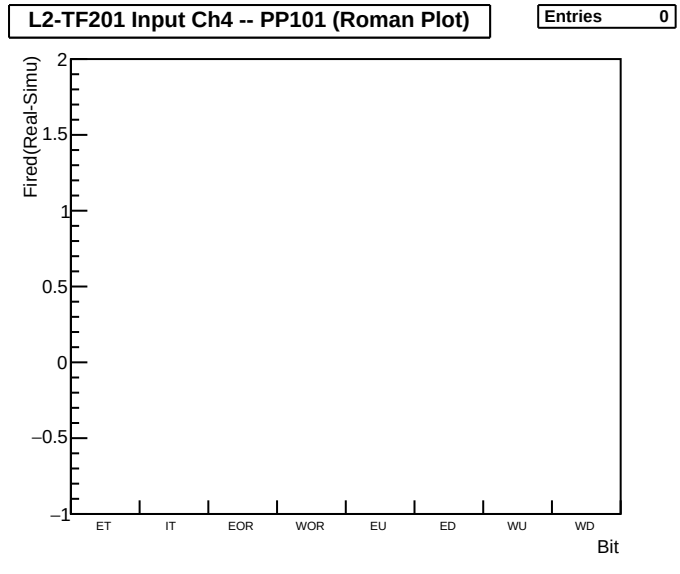

L2-TF201
Entries2452489
TOF total mult

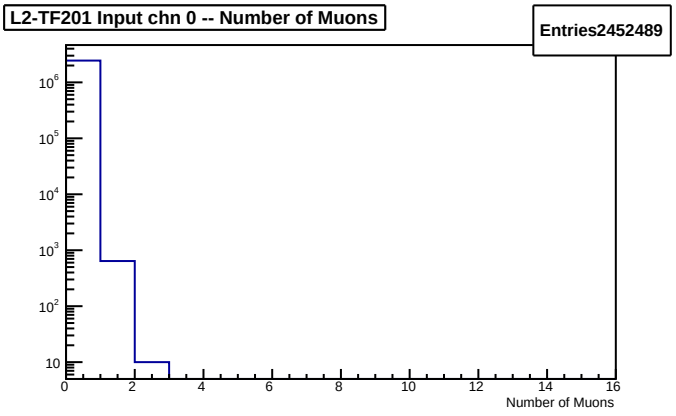

L2-TF201
Entries 1
TOF total mult(Real-Simu)

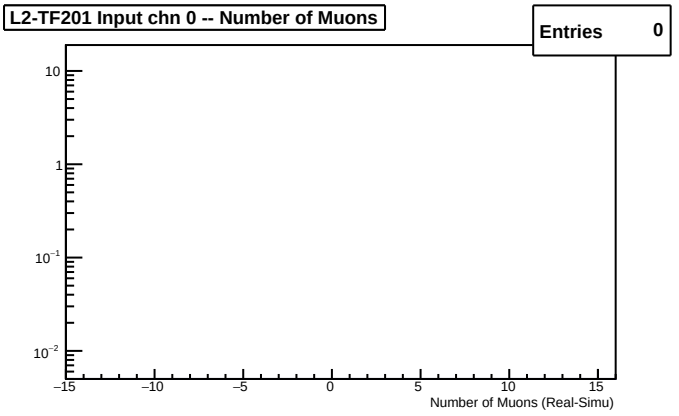

L2-TF201
Entries 1.716742e+07
Threshold/UPC bits
2.11327e+06 2.12372e+06 2.02302e+06 2.07999e+06 2.09393e+06 2.06012e+06 2.28041e+06
339221 328770 429471 372495 358556 392368 172076
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

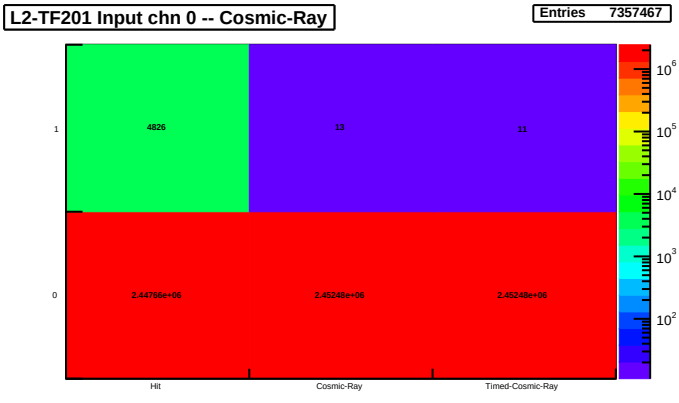

L2-TF201
Entries 2
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

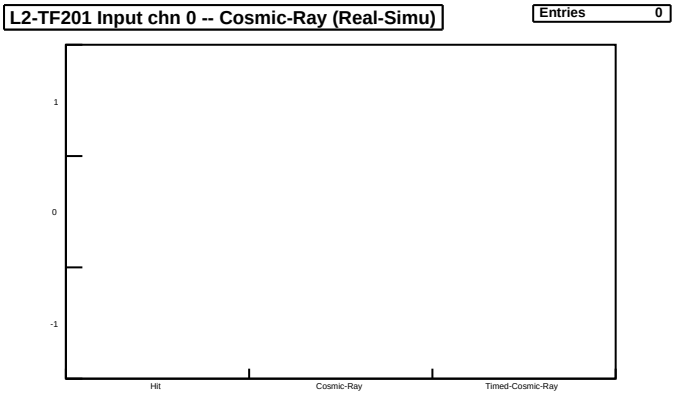

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.961991e+07
Fired
337543 333431 966597 845728 523504 782453 575996 616378
2.11495e+06 2.11906e+06 1.48589e+06 1.60676e+06 1.92898e+06 1.67004e+06 1.87649e+06 1.83611e+06
ET IT EOR WOR EU ED WU WD
Bit

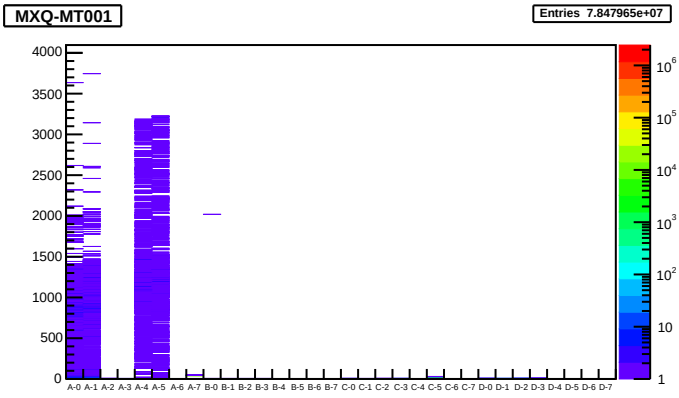

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

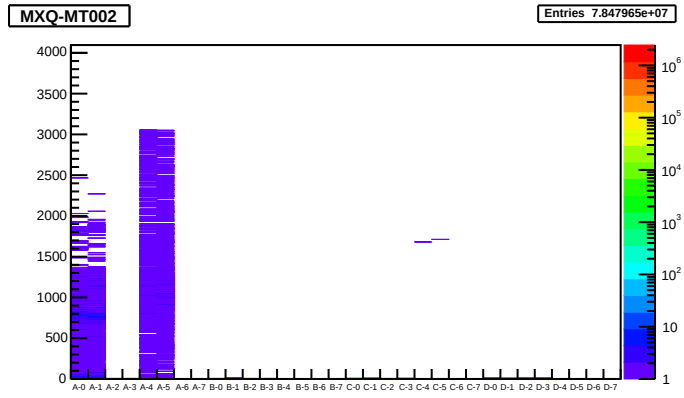

L2-TF201 Input chn 0 -- Number of Muons
Entries2452489
Number of Muons

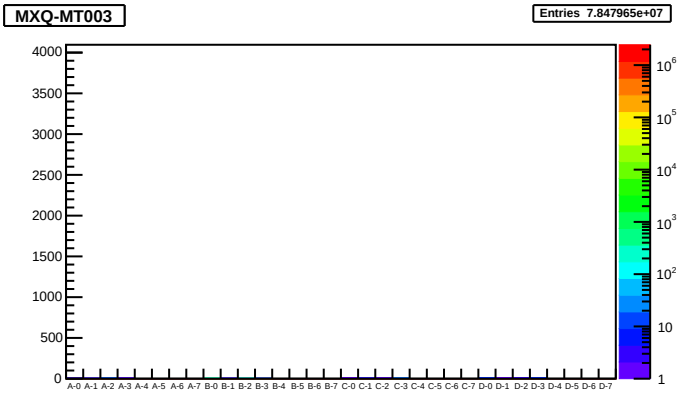

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

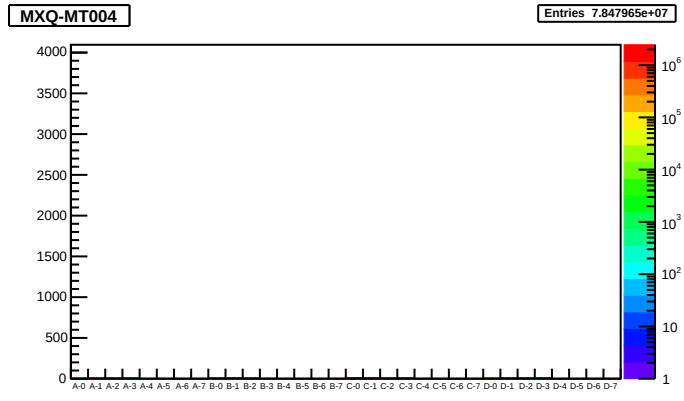

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7357467
4826
13
11
2.44766e+06
2.45248e+06
2.45248e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

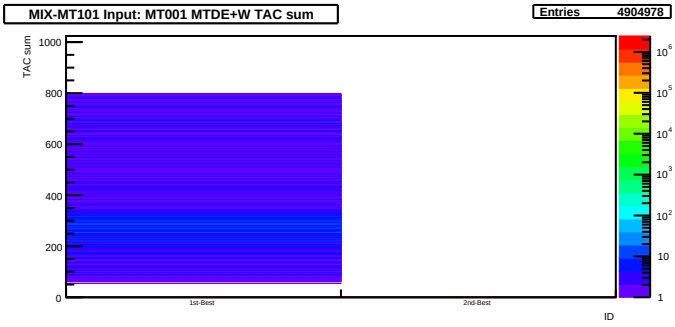

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

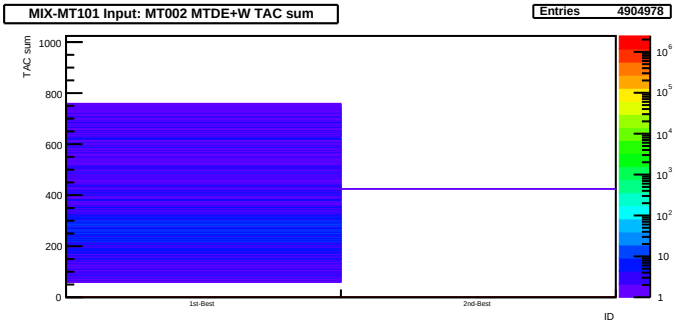

MXQ-MT001
Entries 7.847965e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

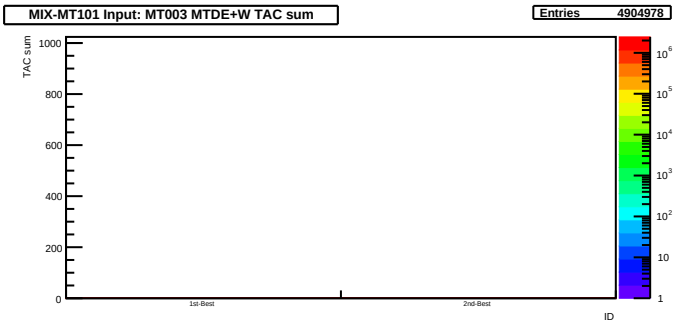

MXQ-MT002
Entries 7.847965e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

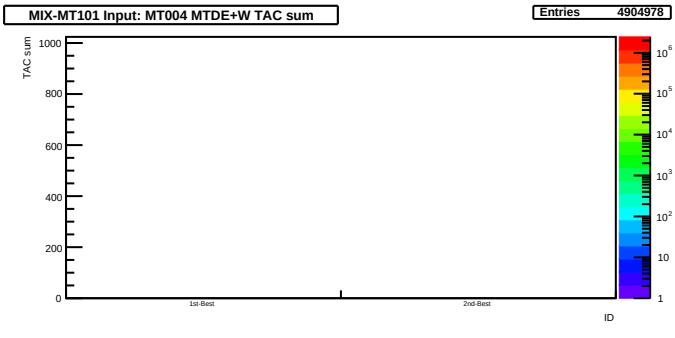

MXQ-MT003
Entries 7.847965e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

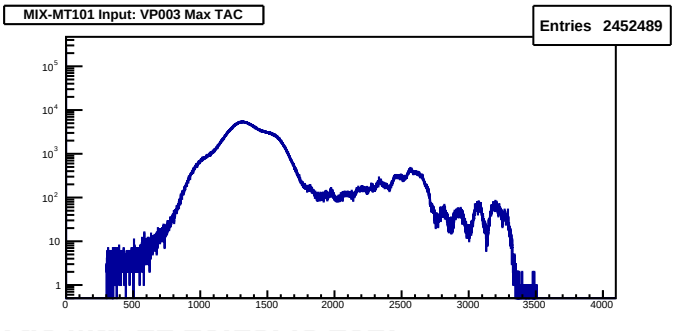

MXQ-MT004
Entries 7.847965e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

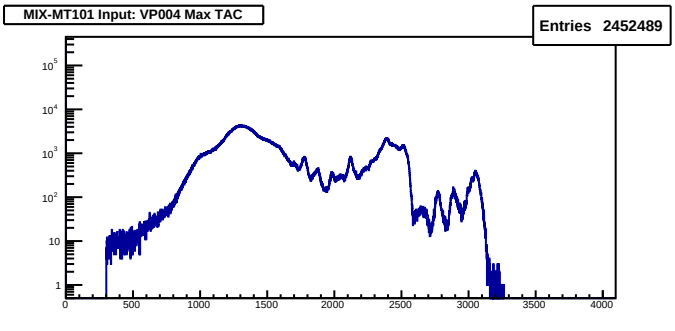

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4904978
TAC sum
1st-Best
2nd-Best
ID

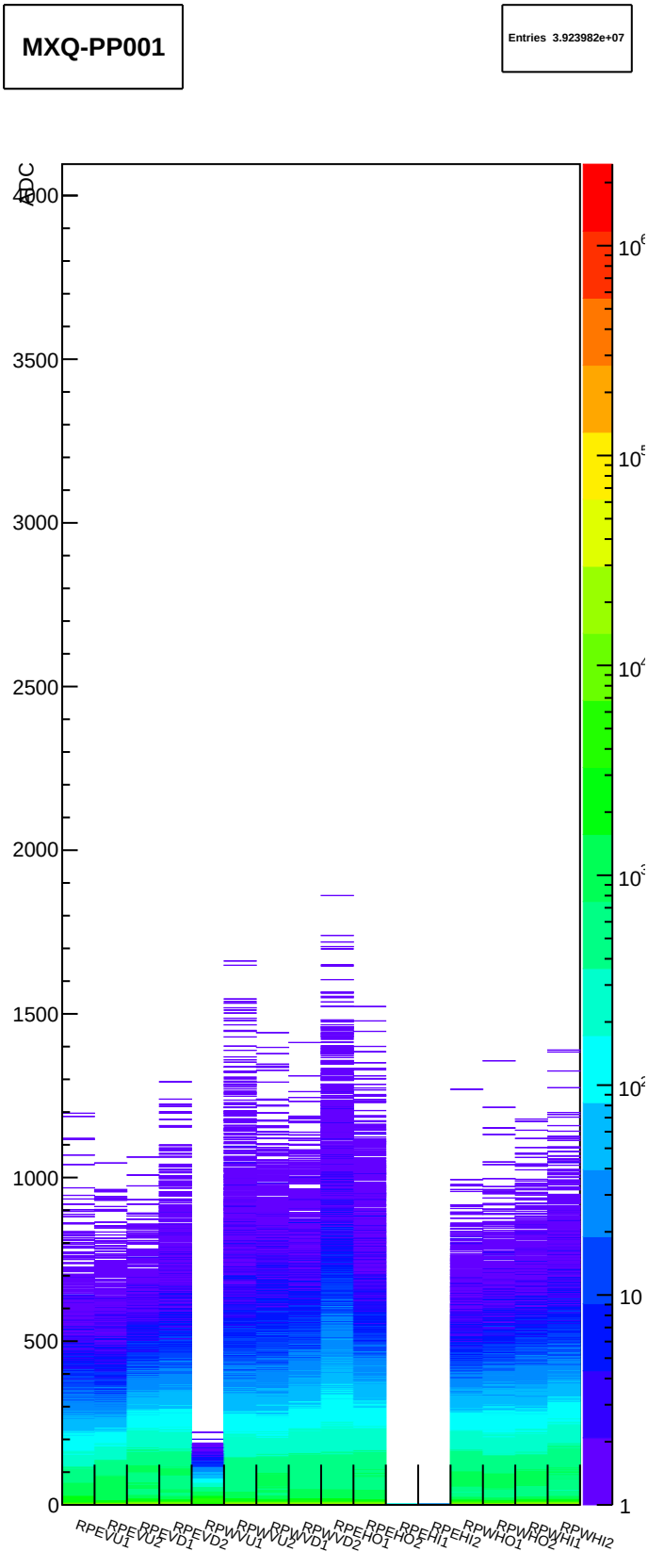

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4904978
TAC sum
1st-Best
2nd-Best
ID

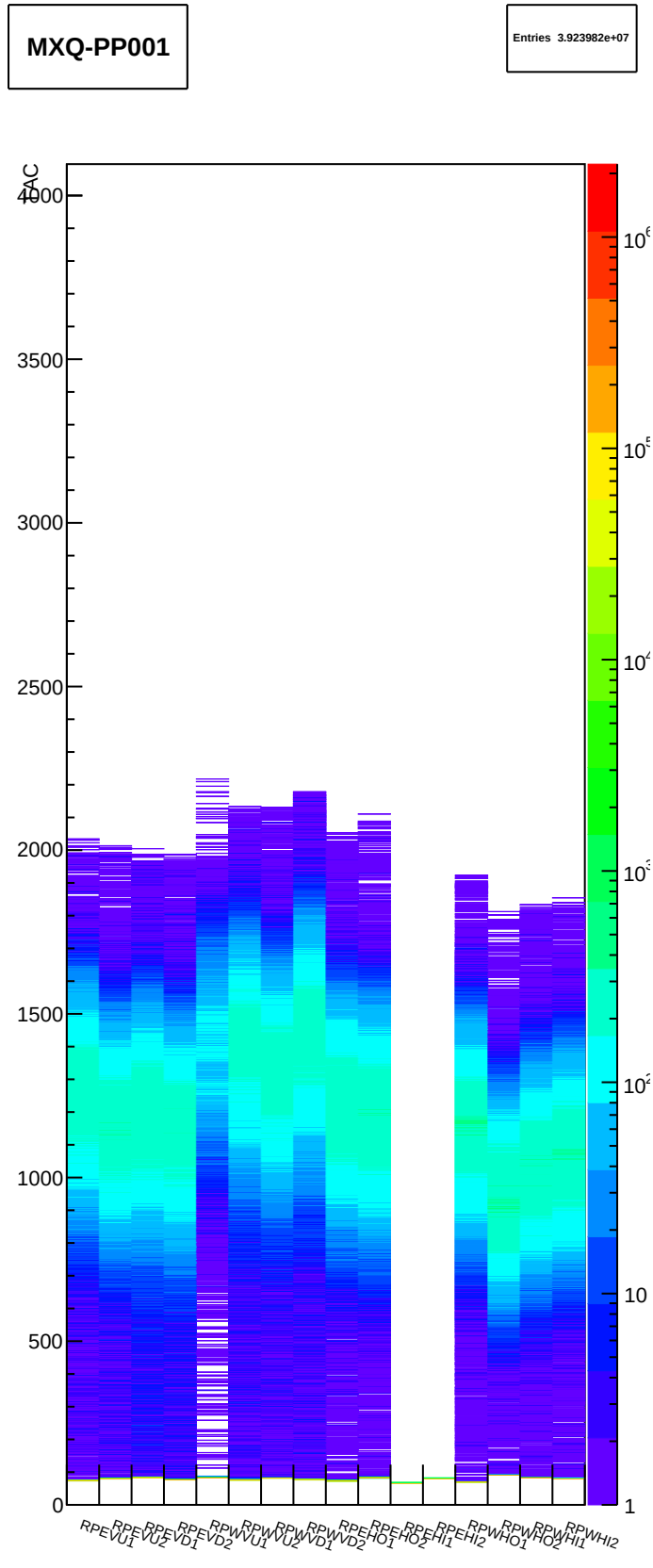

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4904978
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4904978
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 2452489


MIX-MT101 Input: VP004 Max TAC
Entries 2452489


MXQ-PP001
Entries 3.923982e+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 3.923982e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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10^6
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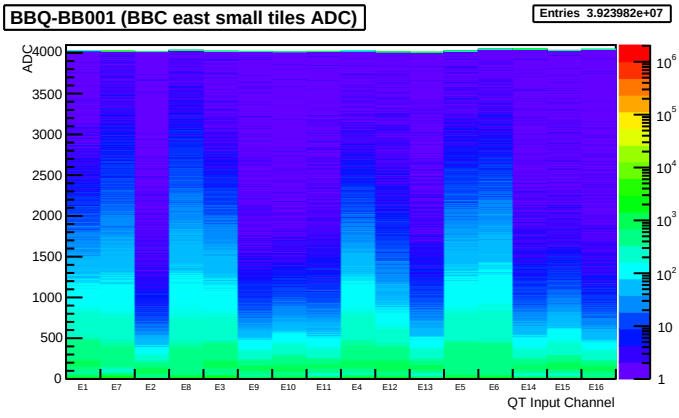
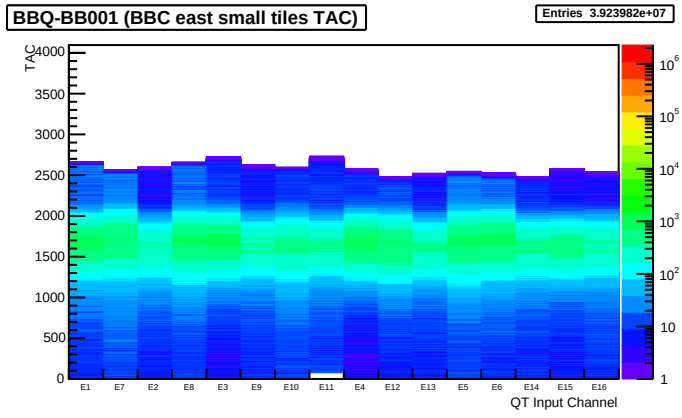
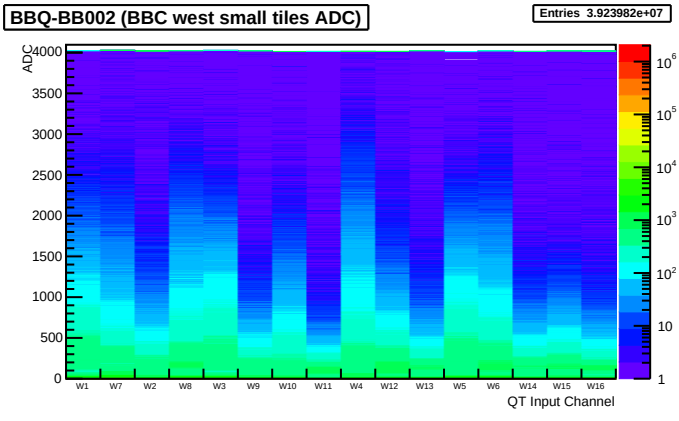
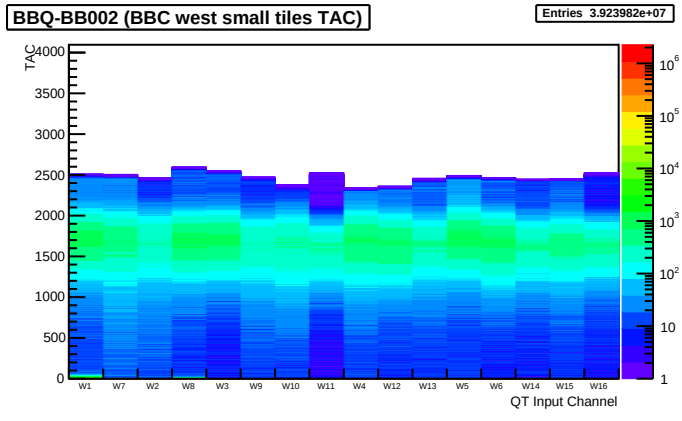
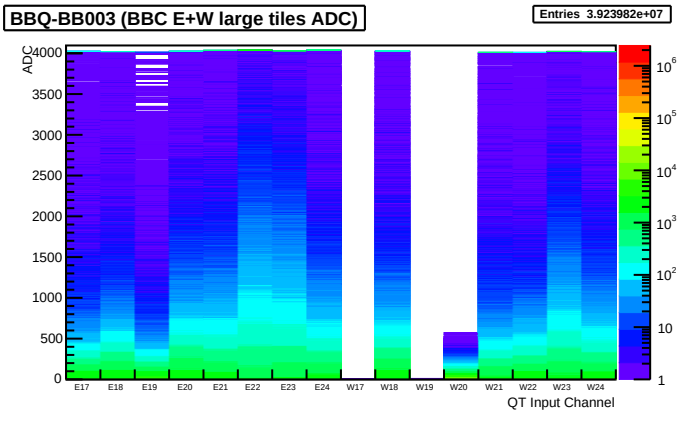
10^4
10^3
10^2
10
1

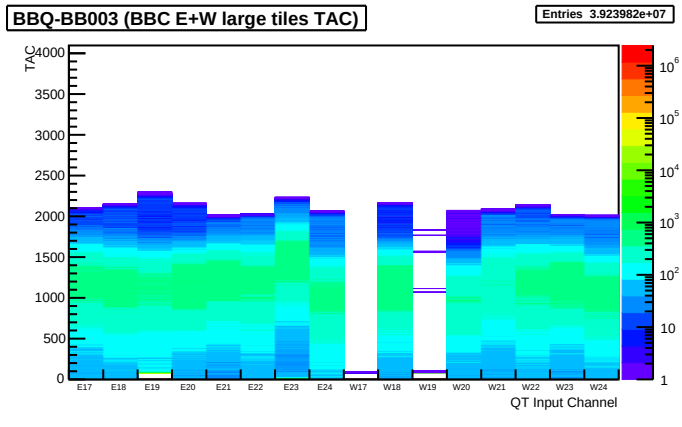

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.923982e+07
ADC
QT Input Channel

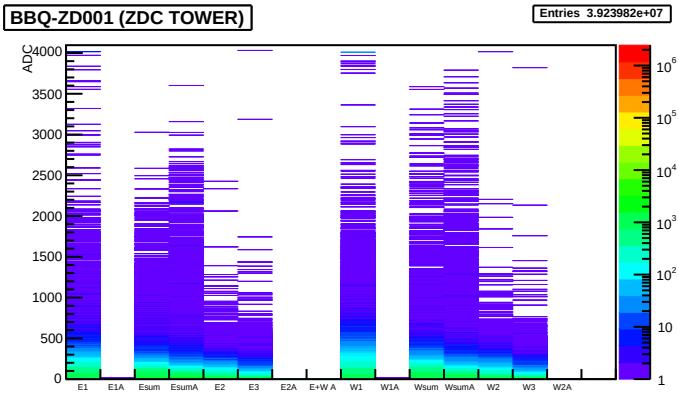

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.923982e+07
TAC
QT Input Channel

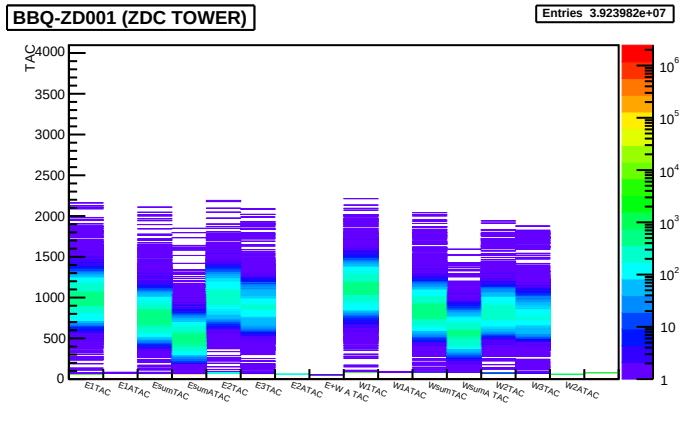

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.923982e+07
ADC
QT Input Channel

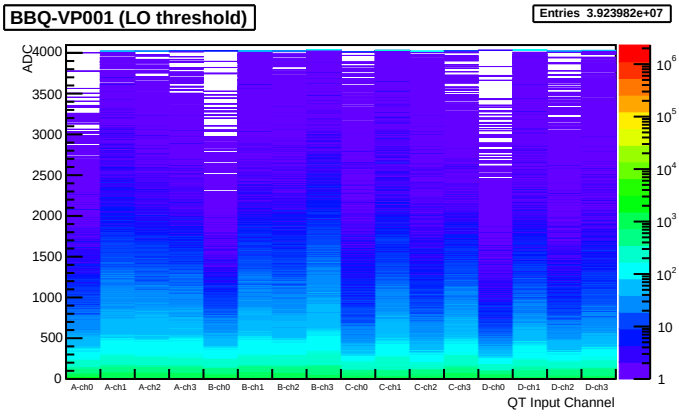

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.923982e+07
TAC
QT Input Channel

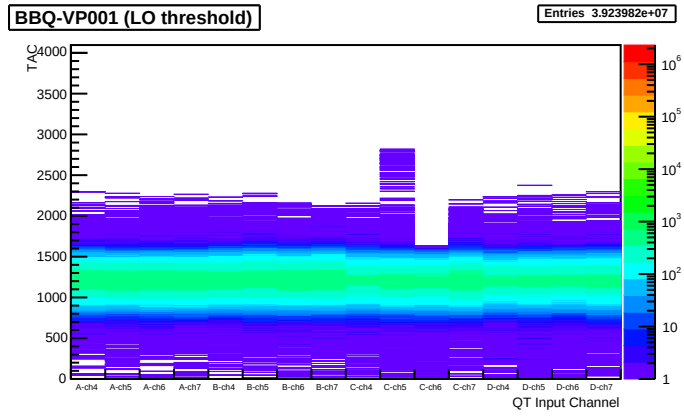

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.923982e+07
ADC
QT Input Channel

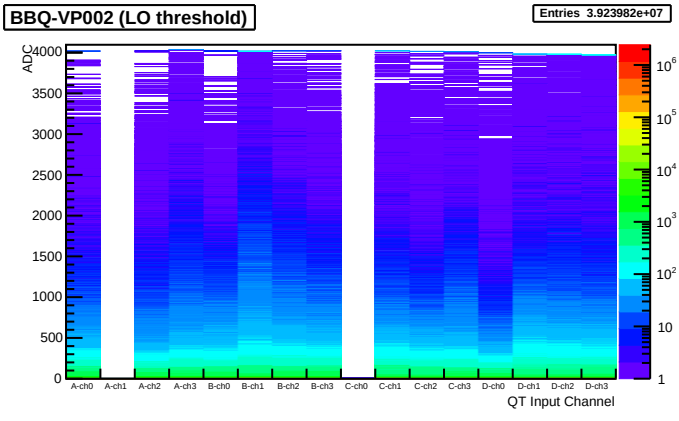

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.923982e+07
TAC
QT Input Channel

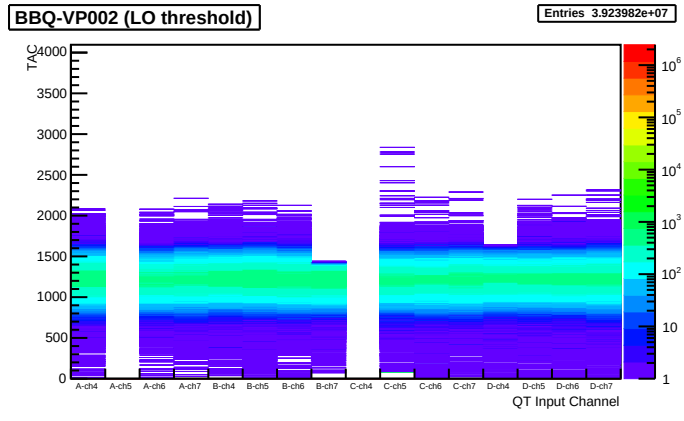

BBQ-ZD001 (ZDC TOWER)
Entries 3.923982e+07
ADC

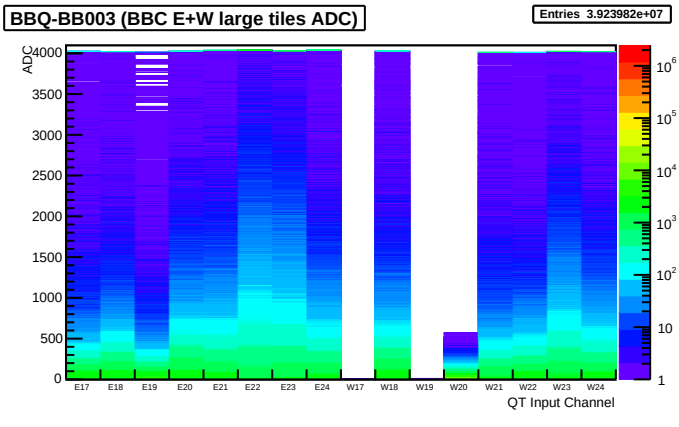

BBQ-ZD001 (ZDC TOWER)
Entries 3.923982e+07
TAC

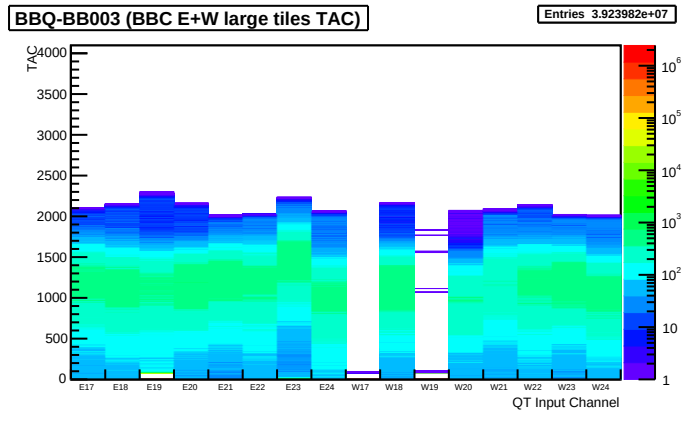

BBQ-VP001 (LO threshold)
Entries 3.923982e+07
ADC
QT Input Channel

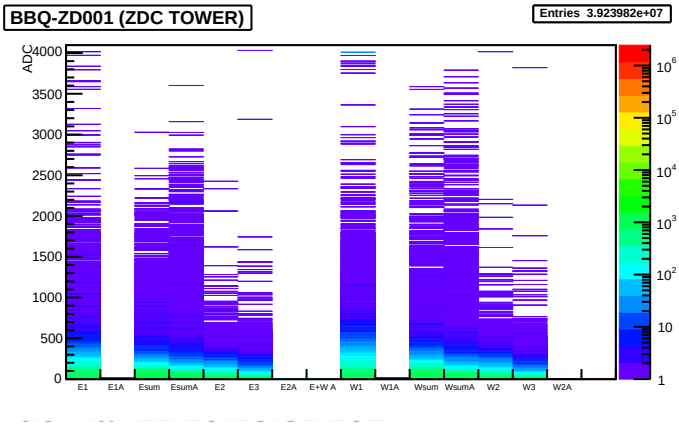

BBQ-VP001 (LO threshold)
Entries 3.923982e+07
TAC
QT Input Channel

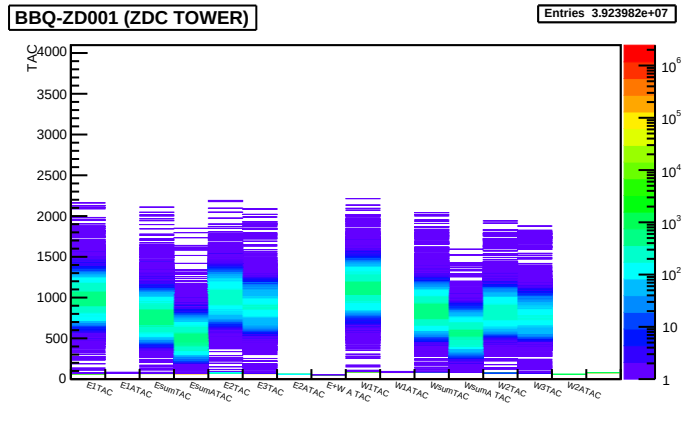

BBQ-VP002 (LO threshold)
Entries 3.923982e+07
ADC
QT Input Channel

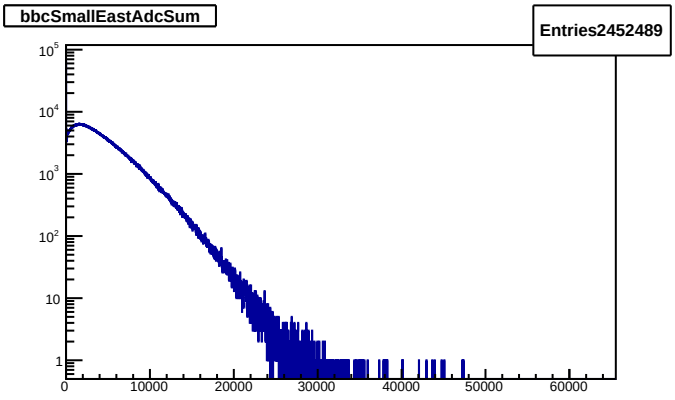

BBQ-VP002 (LO threshold)
Entries 3.923982e+07
TAC
QT Input Channel

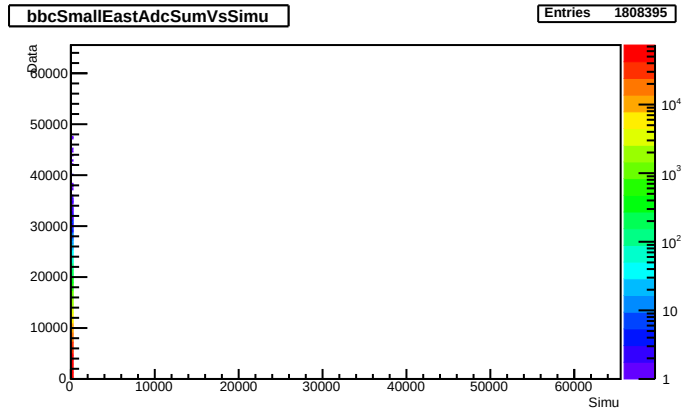

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.923982e+07
ADC
QT Input Channel

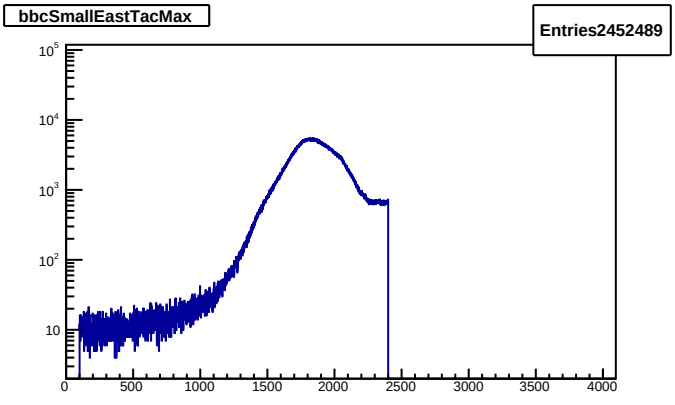

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.923982e+07
TAC
QT Input Channel

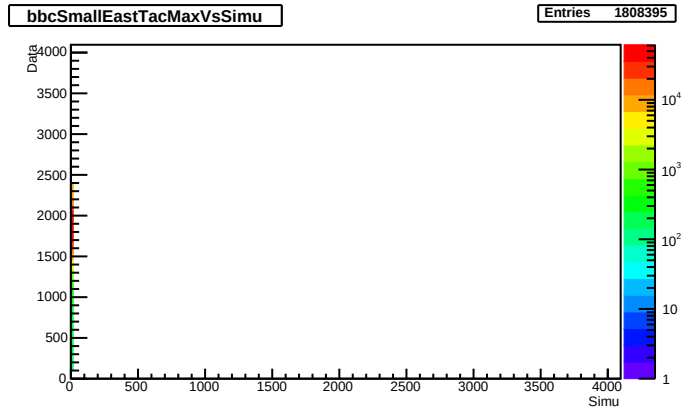

BBQ-ZD001 (ZDC TOWER)
Entries 3.923982e+07
ADC

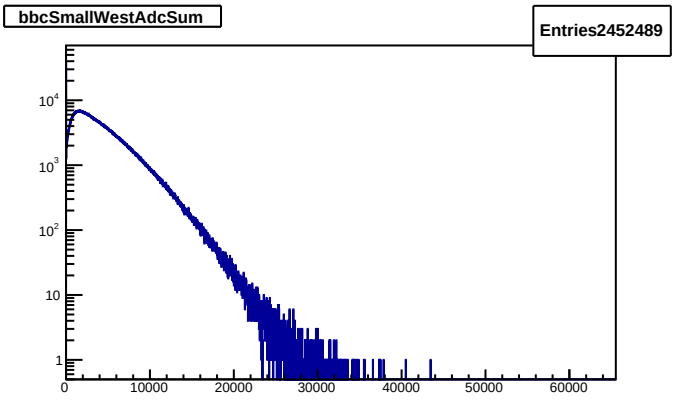

BBQ-ZD001 (ZDC TOWER)
Entries 3.923982e+07
TAC

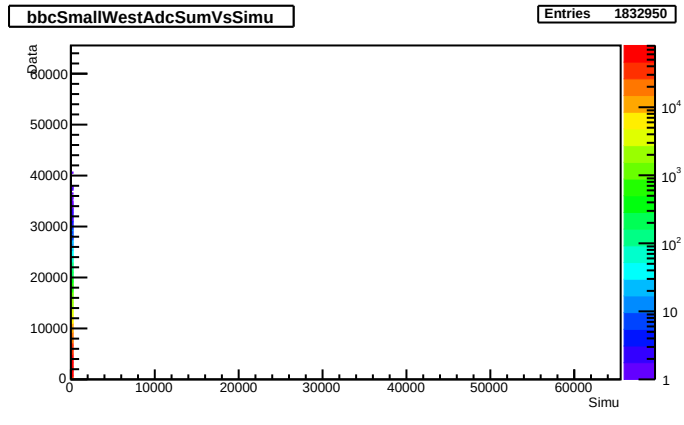

bbcSmallEastAdcSum
Entries2452489

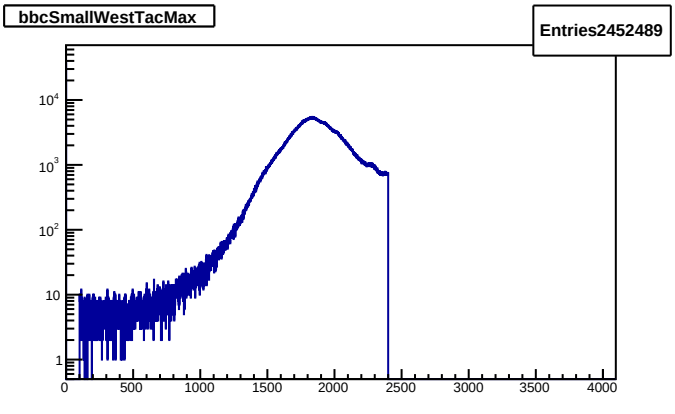

bbcSmallEastAdcSumVsSimu
Entries 1808395
Data
Simu

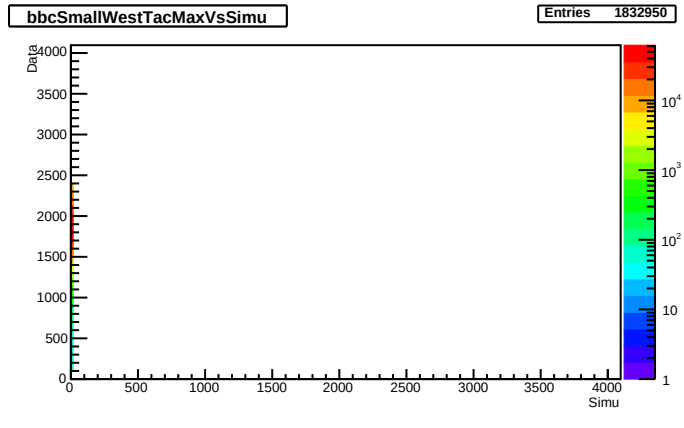

bbcSmallEastTacMax
Entries2452489

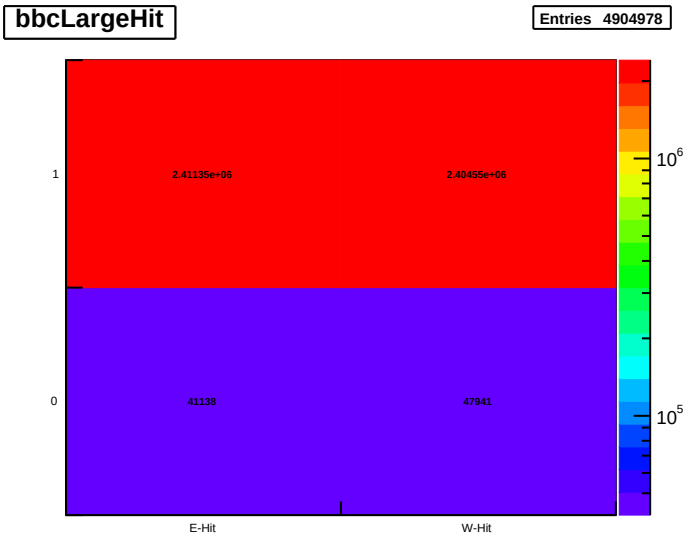

bbcSmallEastTacMaxVsSimu
Entries 1808395
Data
Simu

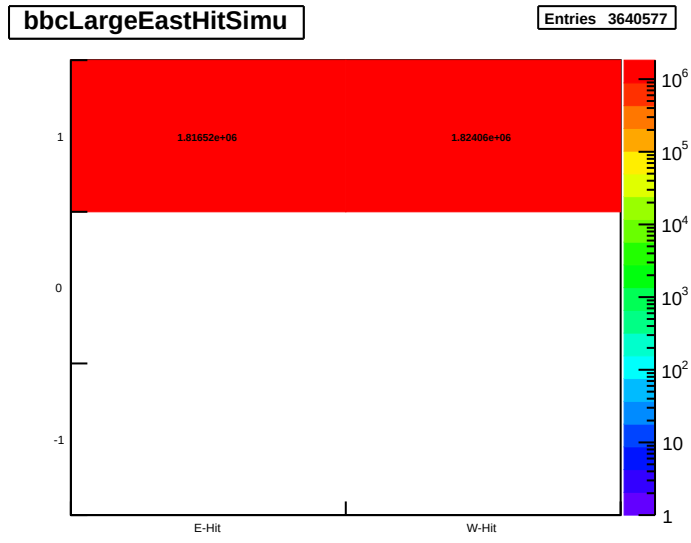

bbcSmallWestAdcSum
Entries2452489

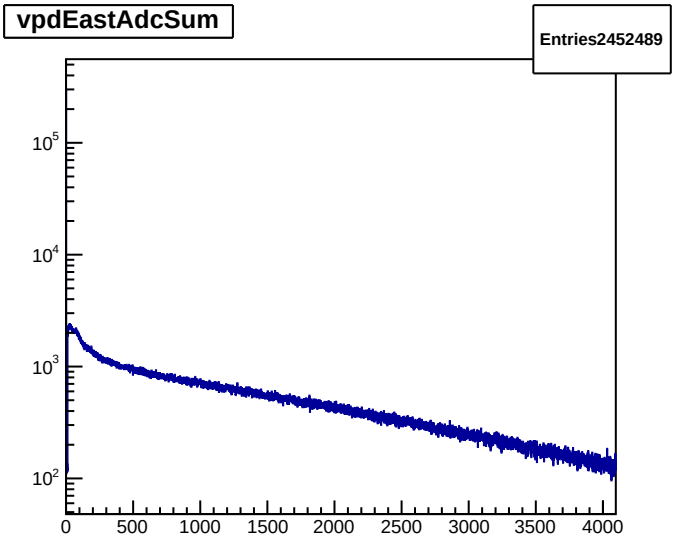

bbcSmallWestAdcSumVsSimu
Entries 1832950
Data
Simu

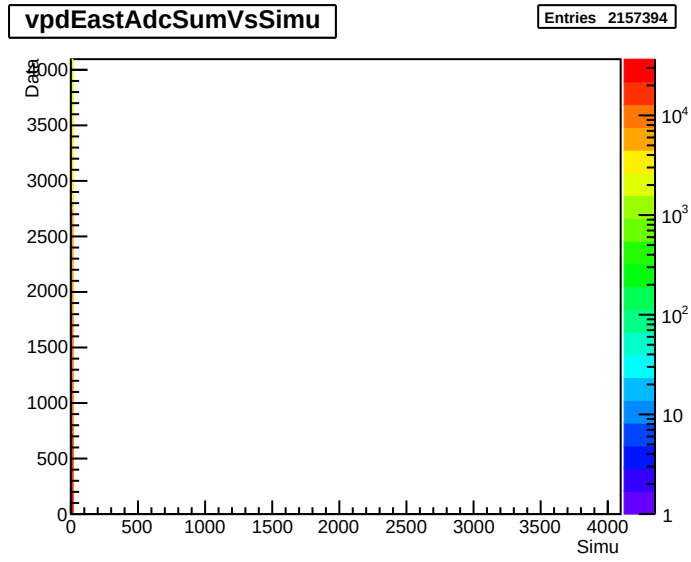

bbcSmallWestTacMax
Entries2452489

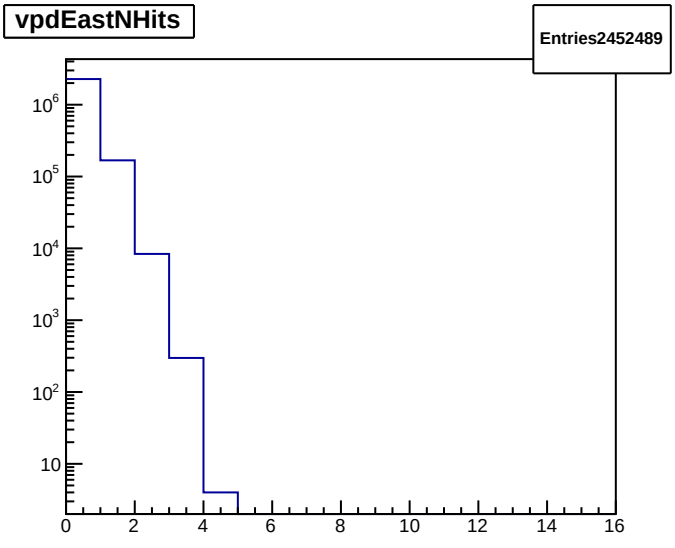

bbcSmallWestTacMaxVsSimu
Entries 1832950
Data
Simu

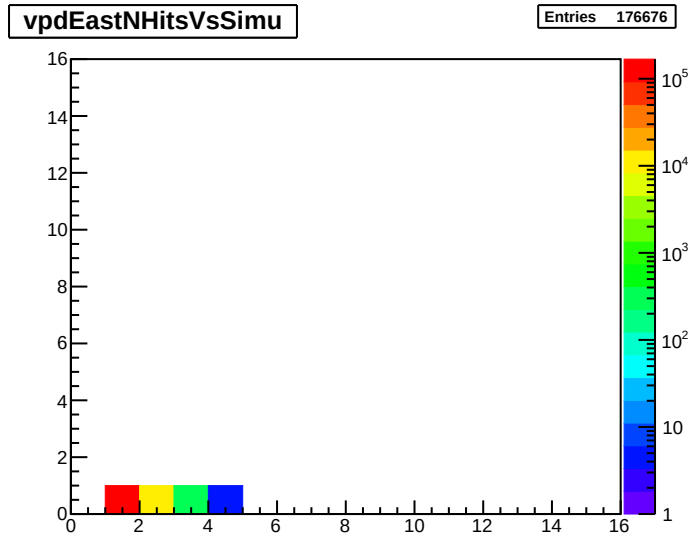

bbcLargeHit
Entries 4904978
1
0
2.41135e+06
2.40455e+06
41138
47941
E-Hit
W-Hit
10^6
10^5

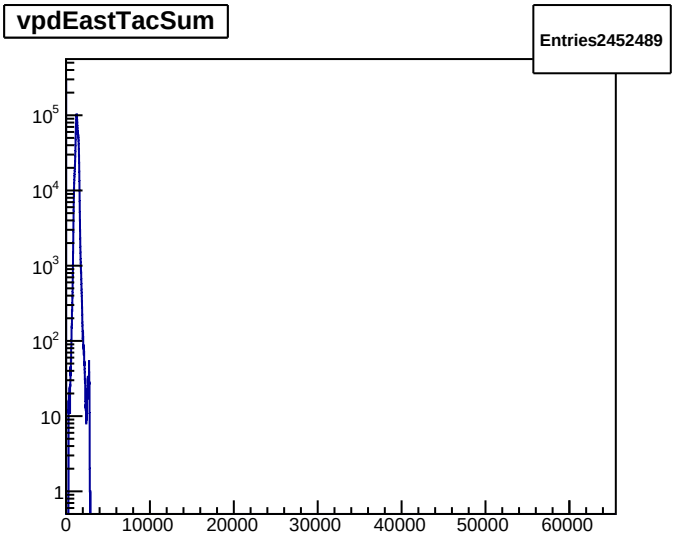

bbcLargeEastHitSimu
Entries 3640577
1
0
-1
1.81652e+06
1.82406e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

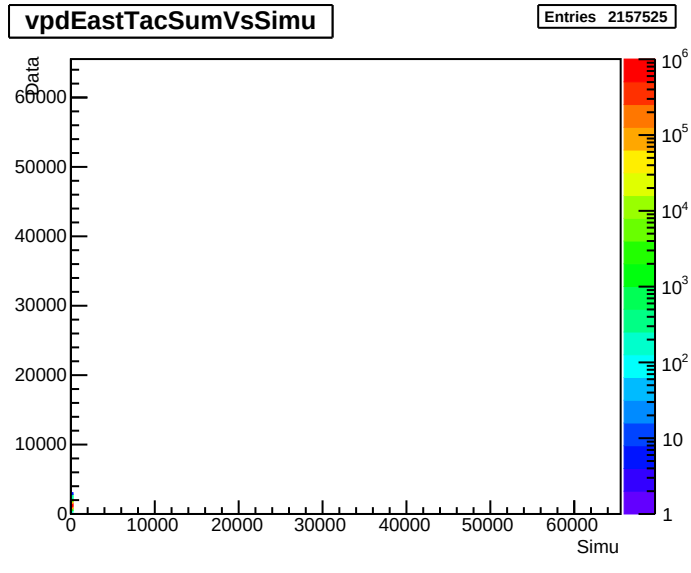

vpdEastAdcSum
Entries2452489

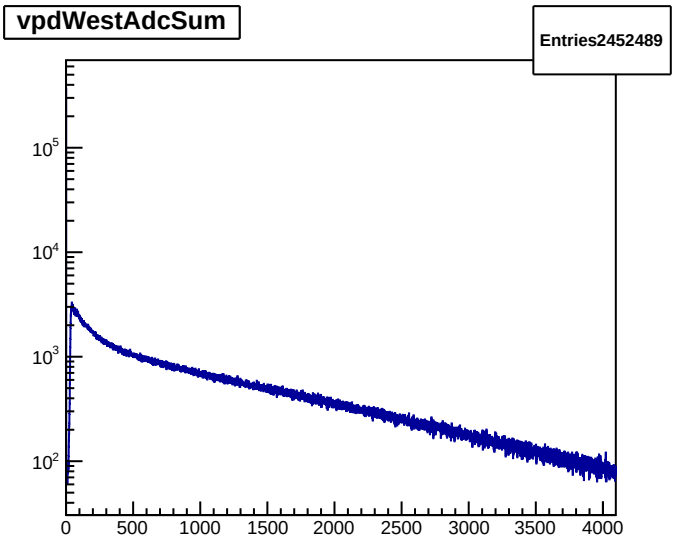

vpdEastAdcSumVsSimu
Entries 2157394
Data
Simu

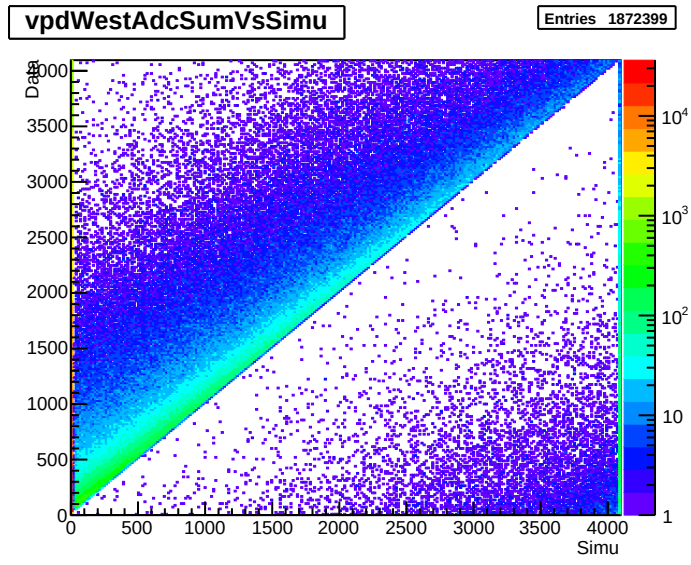

vpdEastNHits
Entries2452489

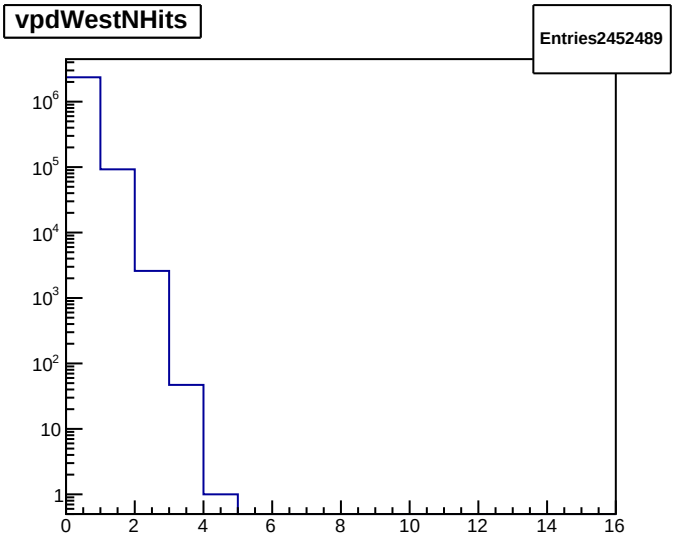

vpdEastNHitsVsSimu
Entries 176676

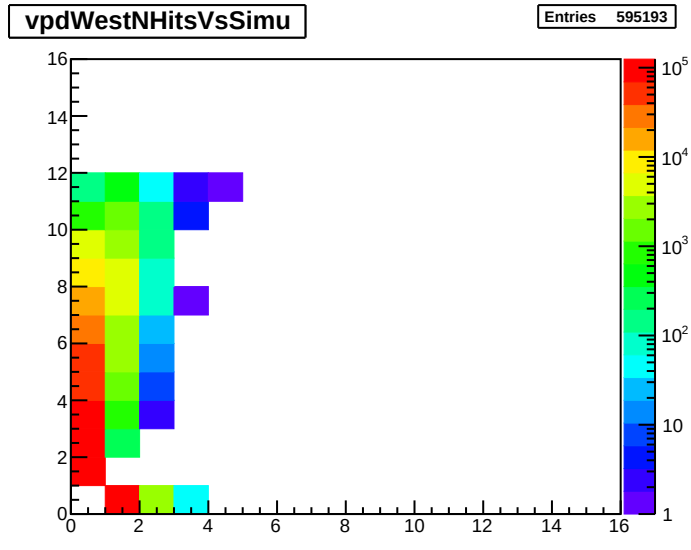

vpdEastTacSum
Entries2452489

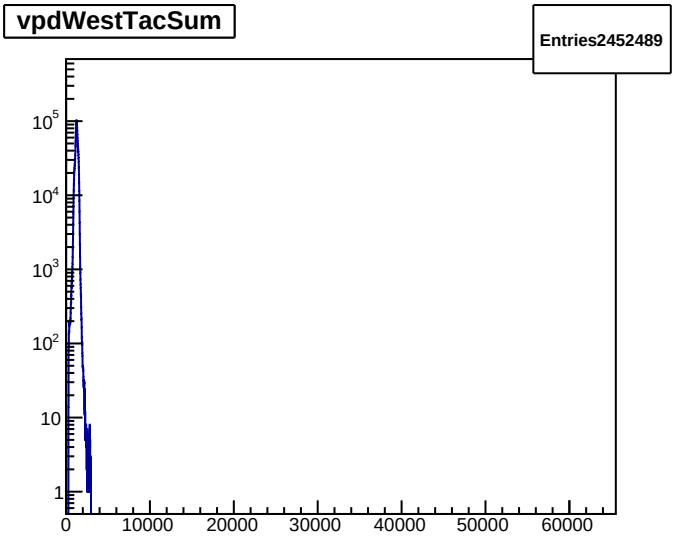

vpdEastTacSumVsSimu
Entries 2157525
Data
Simu

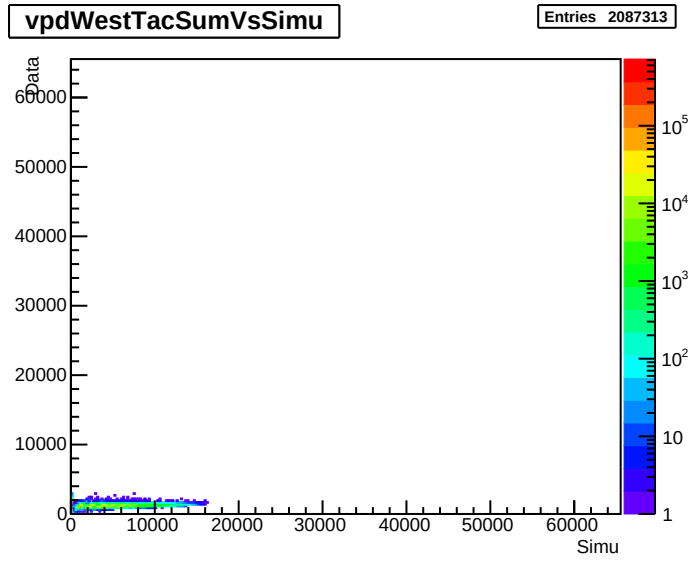

vpdWestAdcSum
Entries2452489

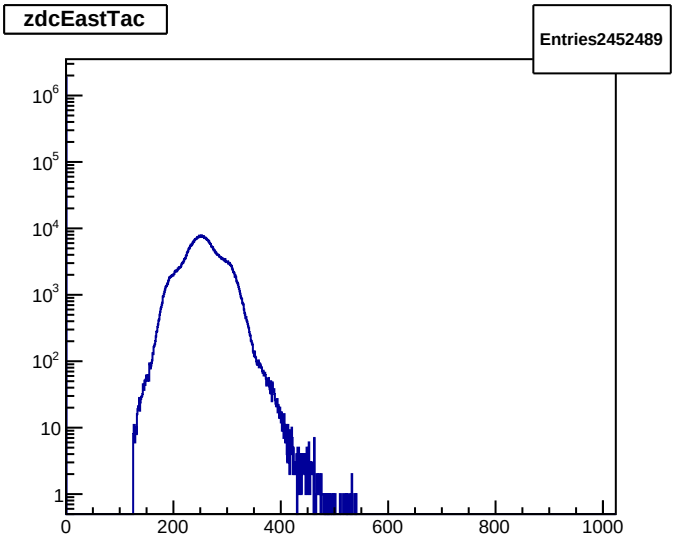

vpdWestAdcSumVsSimu
Entries 1872399
Data
Simu

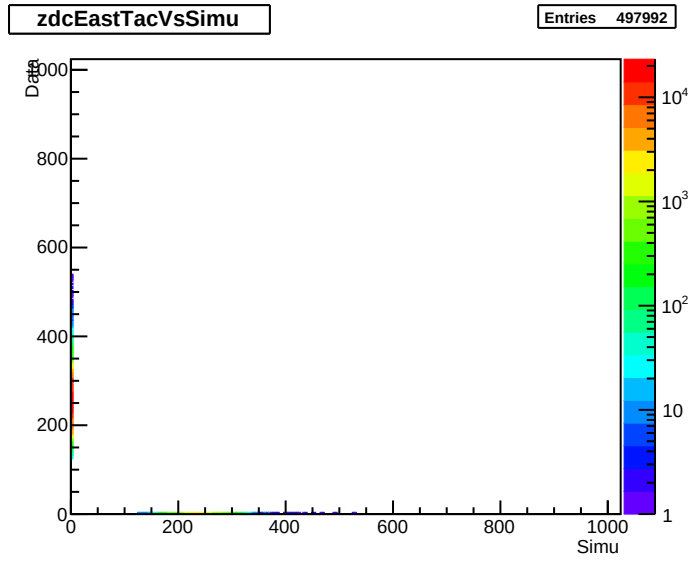

vpdWestNHits
Entries2452489

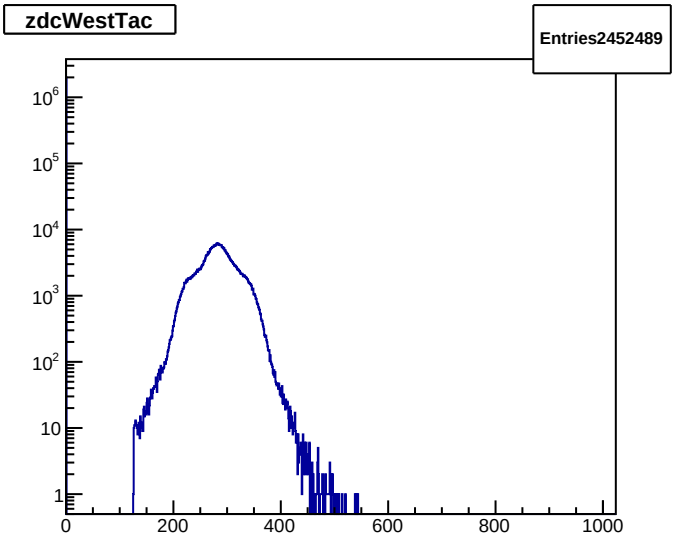

vpdWestNHitsVsSimu
Entries 595193

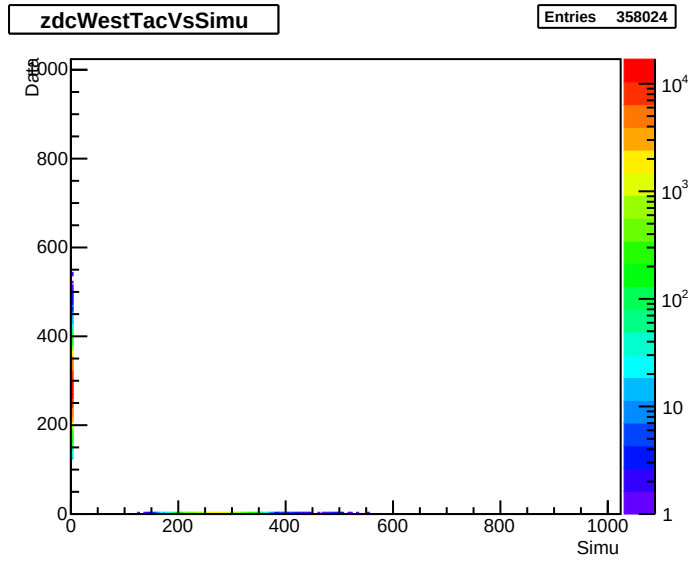

vpdWestTacSum
Entries2452489

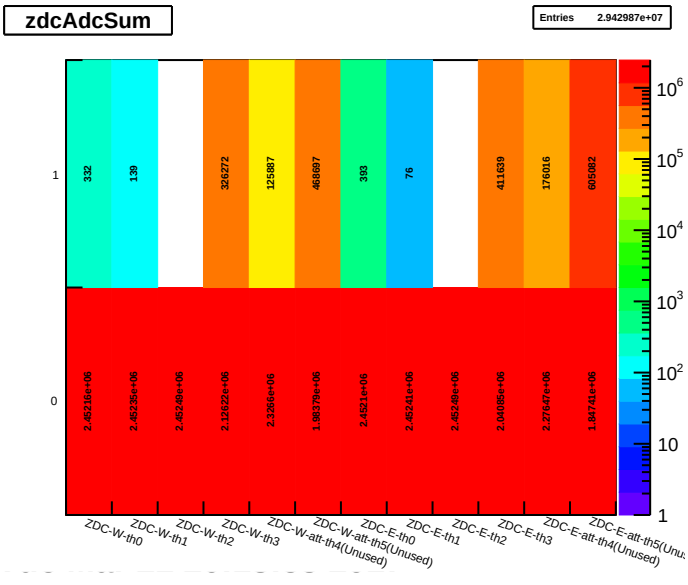

vpdWestTacSumVsSimu
Entries 2087313
Data
Simu

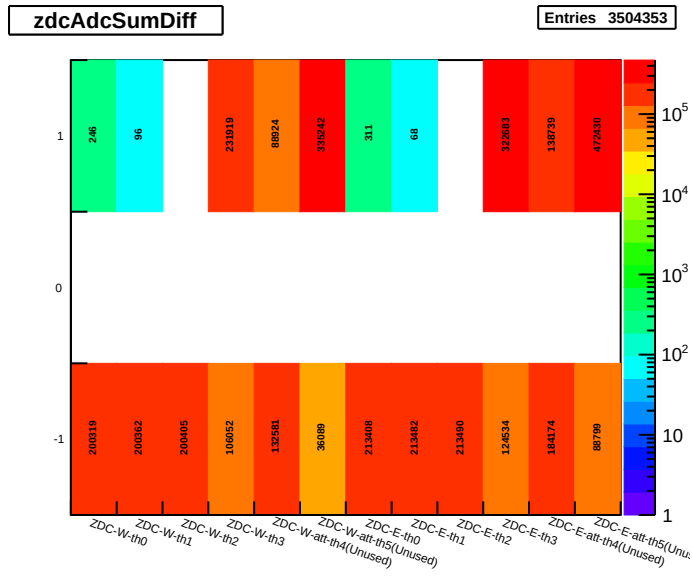

zdcEastTac
Entries2452489

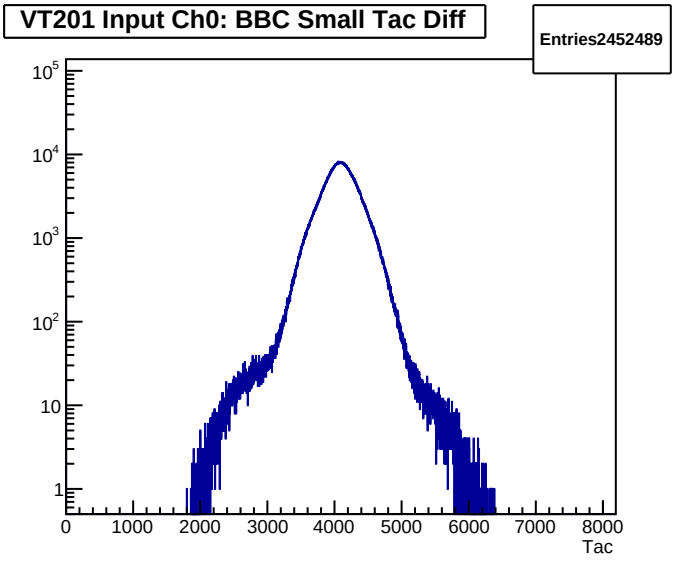

zdcEastTacVsSimu
Entries 497992
Data
Simu

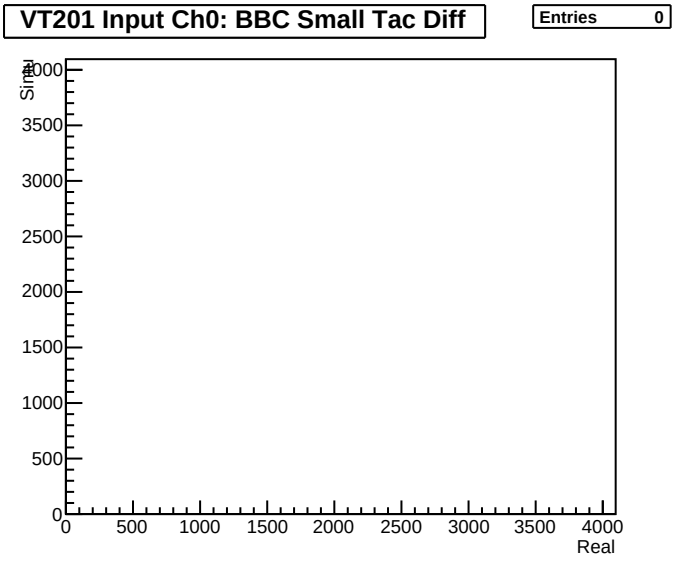

zdcWestTac
Entries2452489

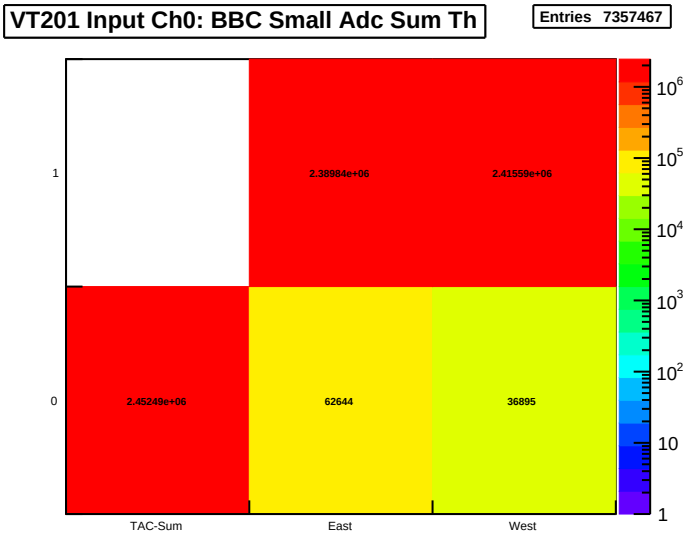

zdcWestTacVsSimu
Entries 358024
Data
Simu

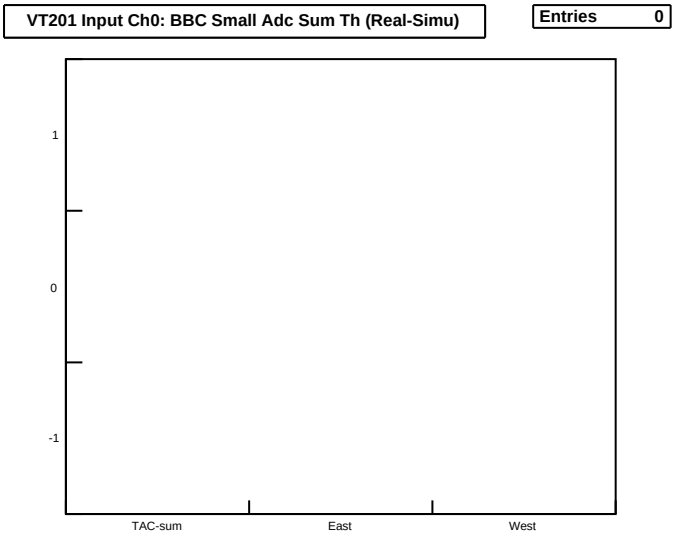

zdcAdcSum
Entries 2.942987e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

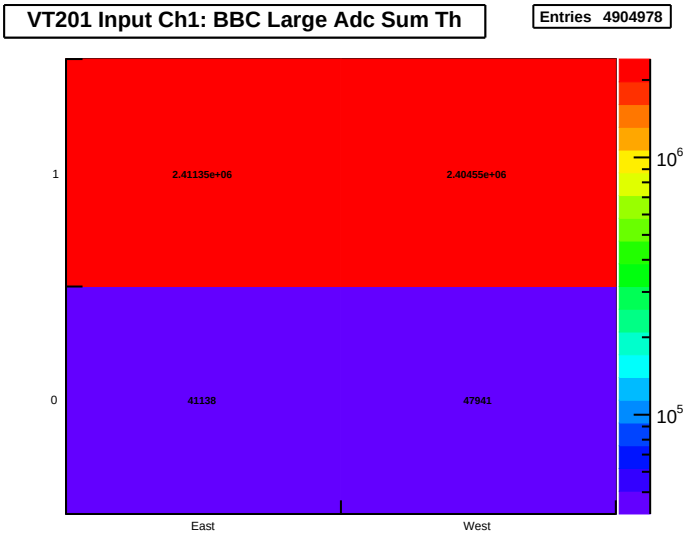

zdcAdcSumDiff
Entries 3504353
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

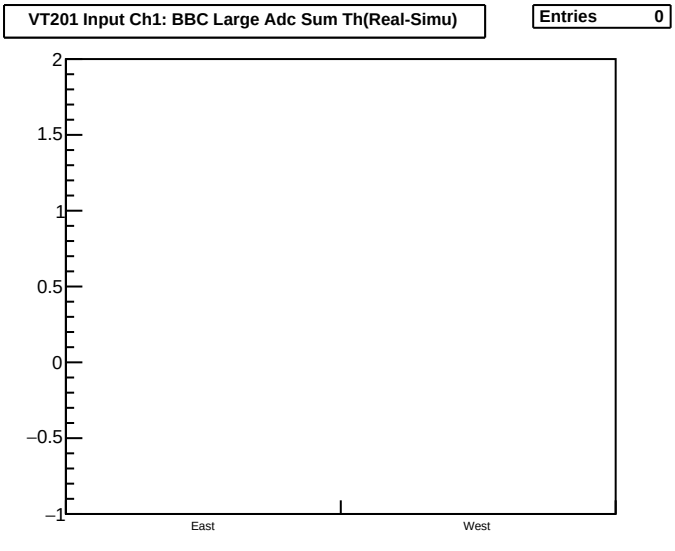

VT201 Input Ch0: BBC Small Tac Diff
Entries2452489
Tac


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

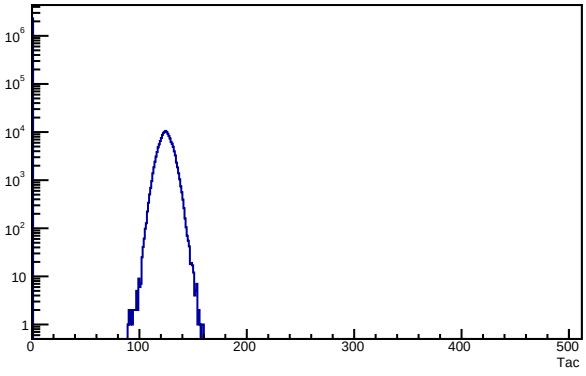

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7357467
2.38984e+06
2.41559e+06
2.45249e+06
62644
36895
TAC-Sum
East
West


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

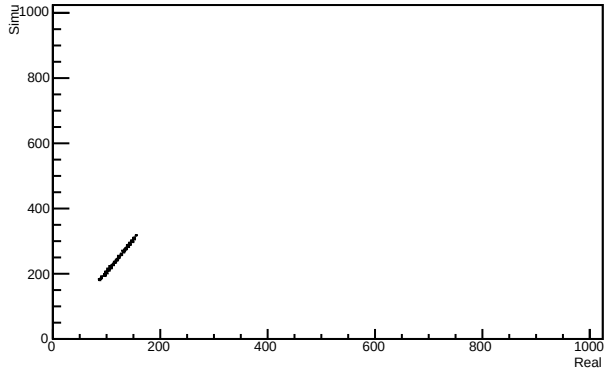

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4904978
2.41135e+06
2.40455e+06
41138
47941
East
West


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

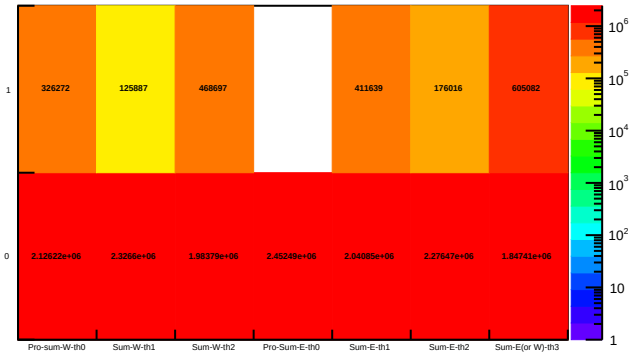
VT201 Input Ch2: ZDC Tac Diff



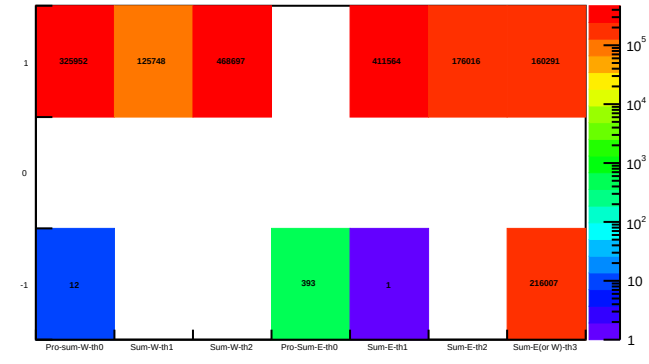
VT201 Input Ch2: ZDC Tac Diff



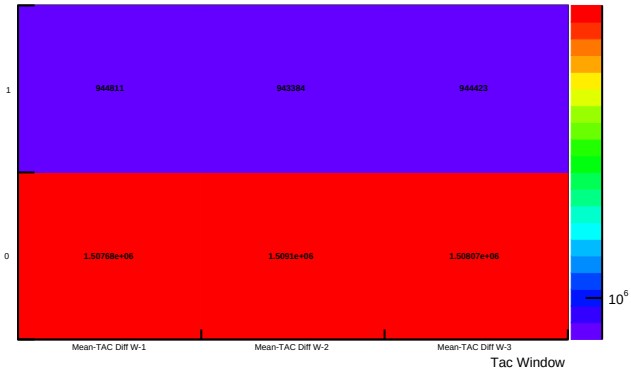
VT201 Input Ch2: ZDC Adc Sum Th



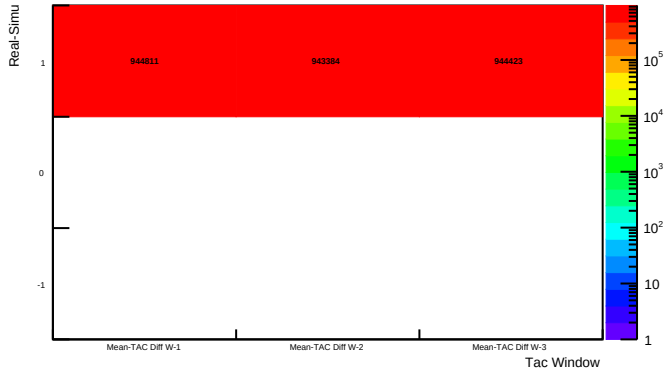
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



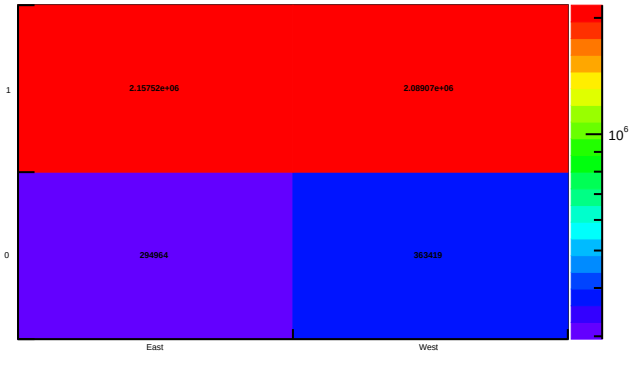
VT201 Input Ch4: VPD Tac Diff



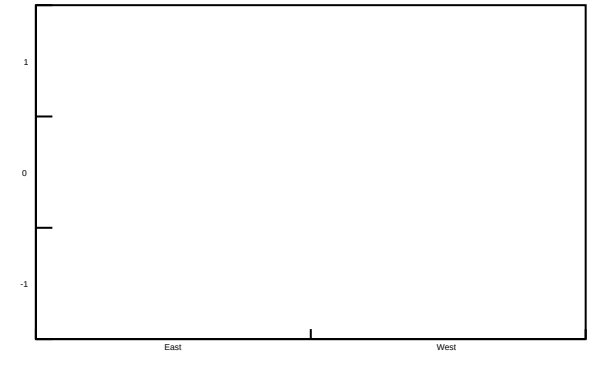
VT201 Input Ch4: VPD Tac Diff

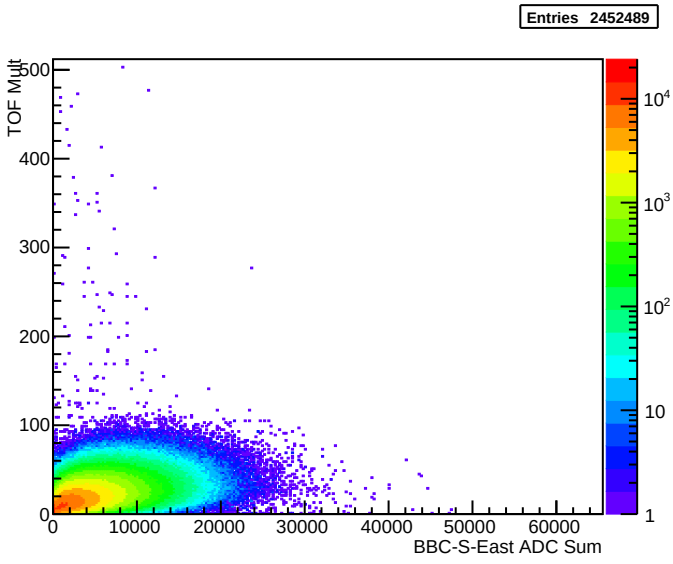


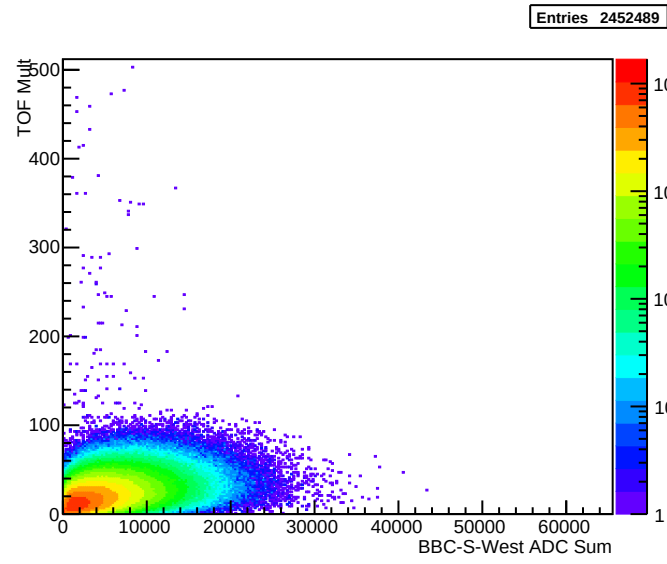
VT201 Input Ch4: VPD Adc Sum Th

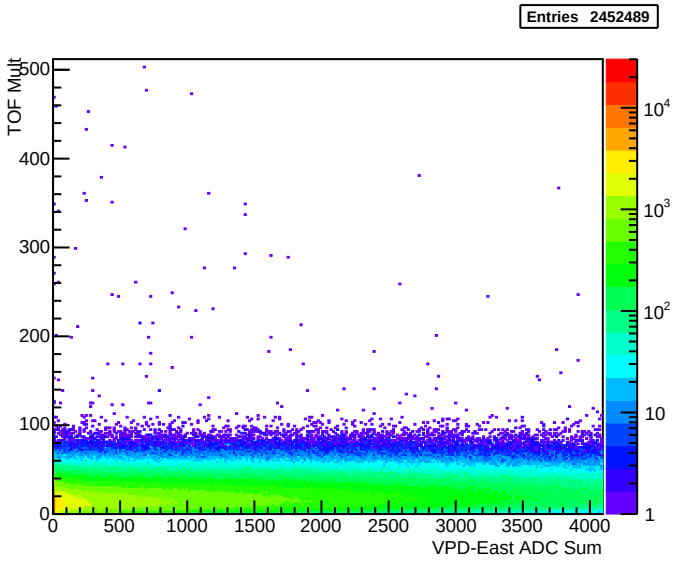


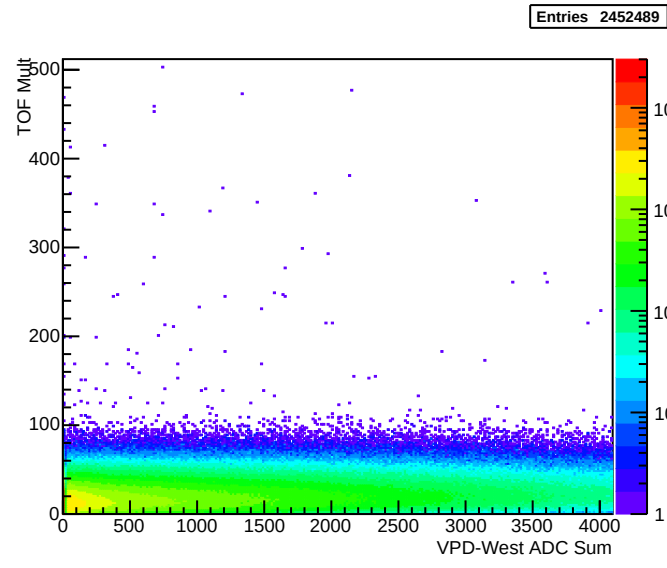
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

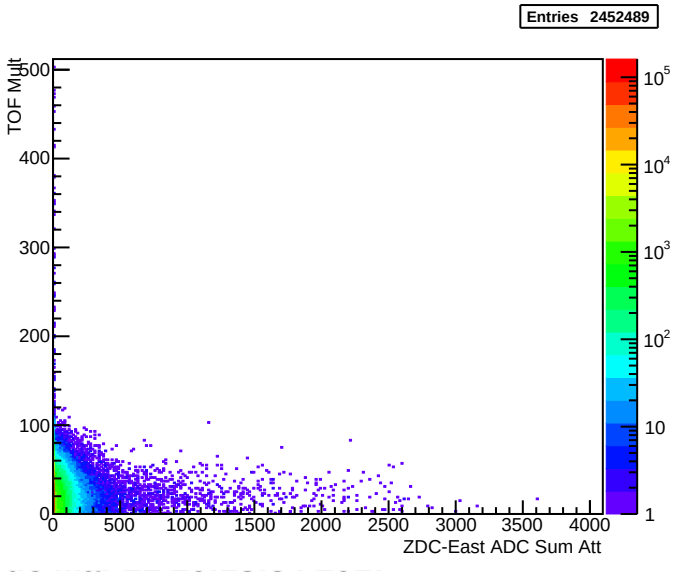


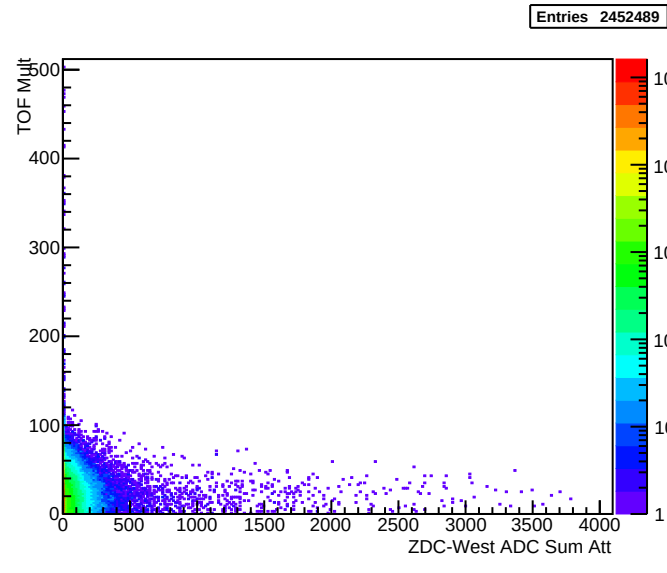

Entries 2452489
TOF Mult
BBC-S-East ADC Sum

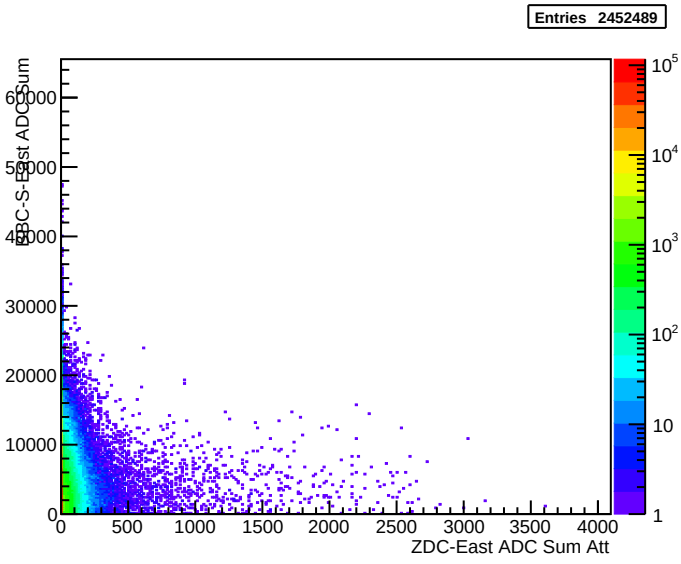

Entries 2452489
TOF Mult
BBC-S-West ADC Sum

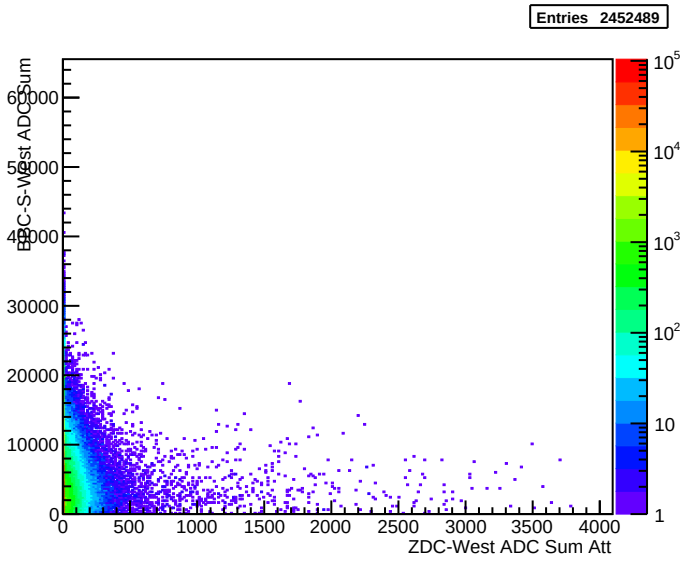

Entries 2452489
TOF Mult
VPD-East ADC Sum

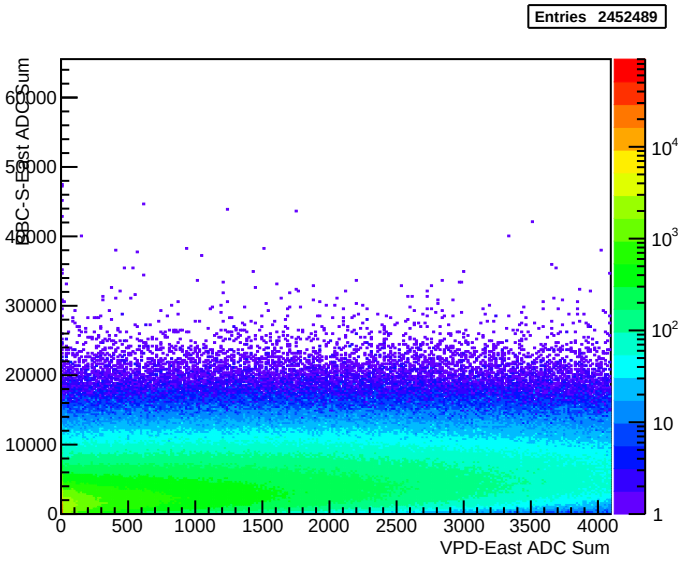

Entries 2452489
TOF Mult
VPD-West ADC Sum

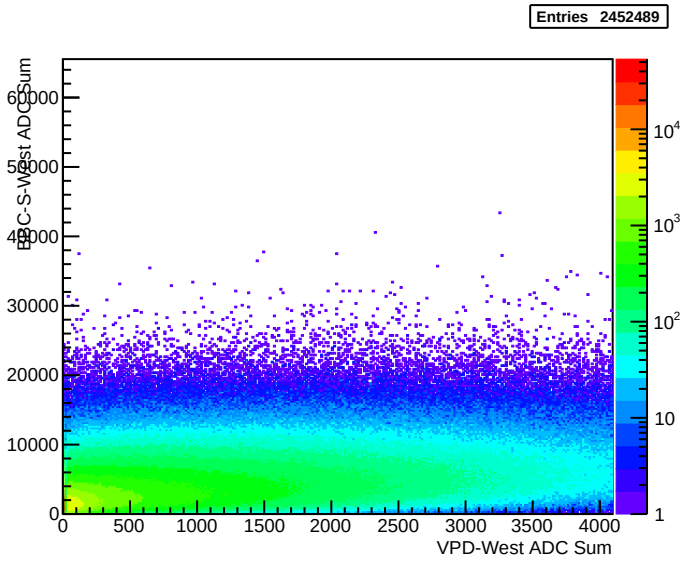

Entries 2452489
TOF Mult
ZDC-East ADC Sum Att

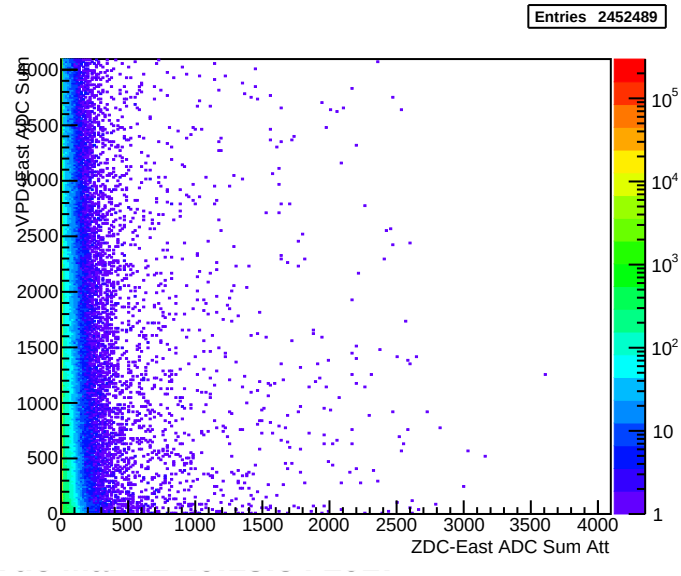

Entries 2452489
TOF Mult
ZDC-West ADC Sum Att

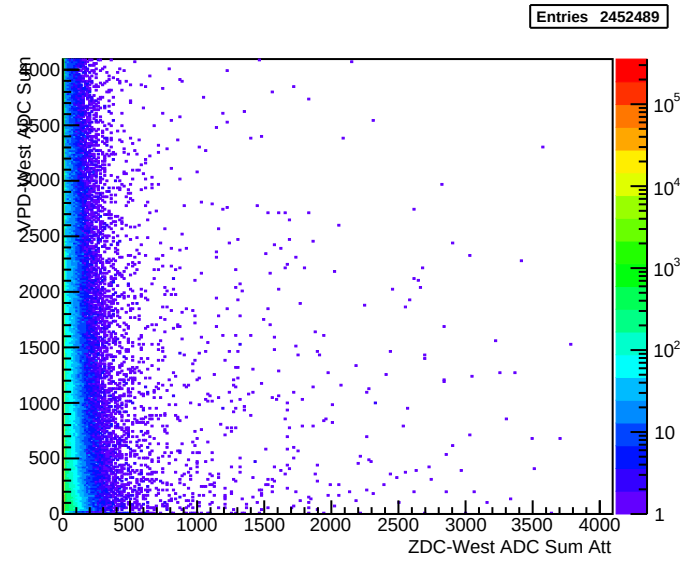

Entries 2452489
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

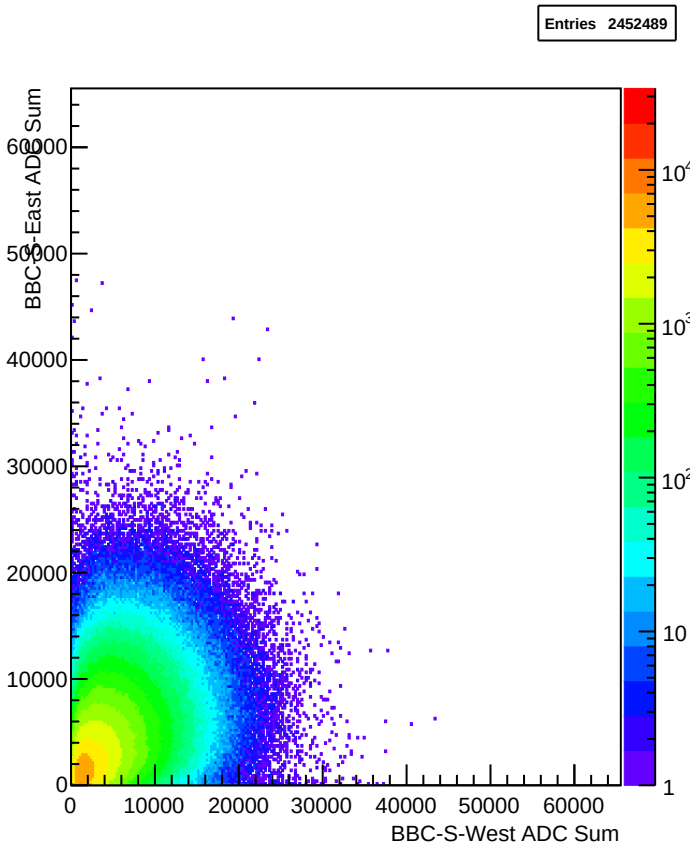

Entries 2452489
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

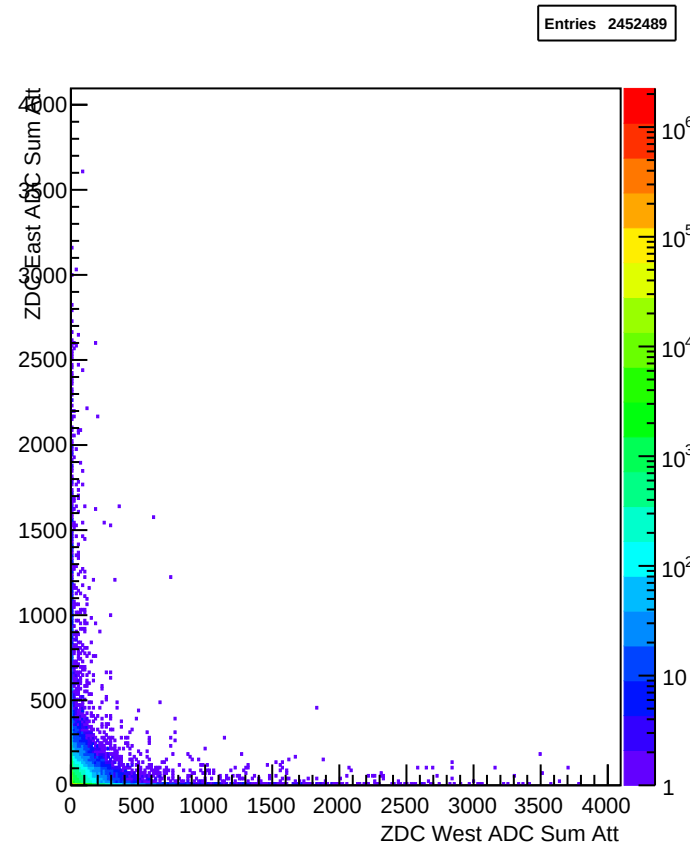

Entries 2452489
BBC-S-East ADC Sum
VPD-East ADC Sum

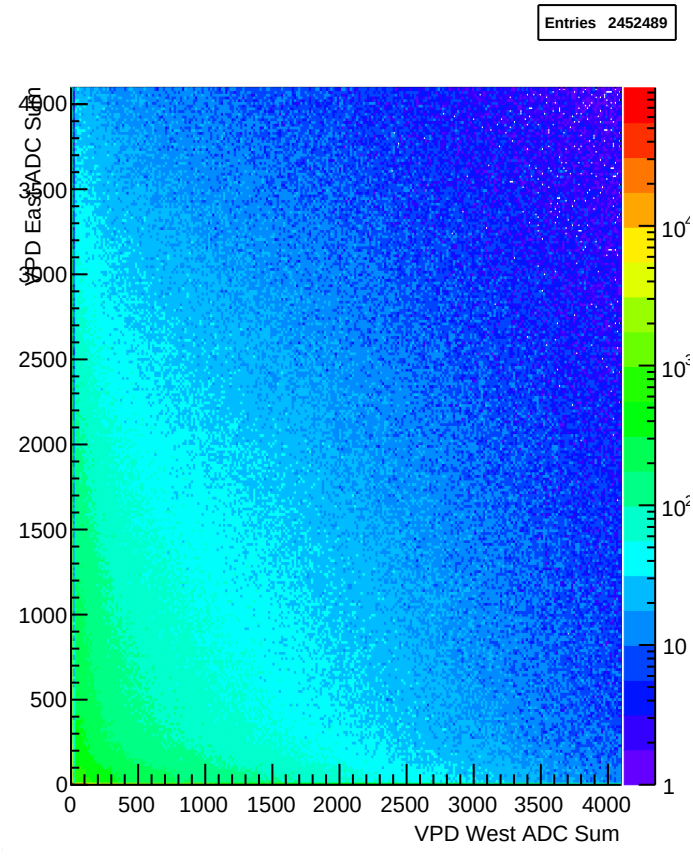

Entries 2452489
BBC-S-West ADC Sum
VPD-West ADC Sum

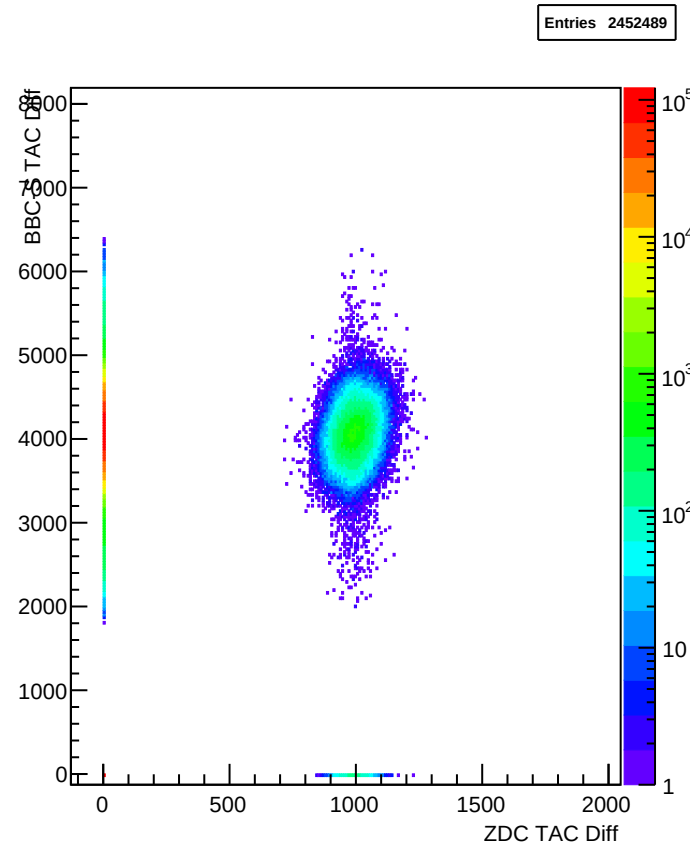

Entries 2452489
VPD-East ADC Sum
ZDC-East ADC Sum Att

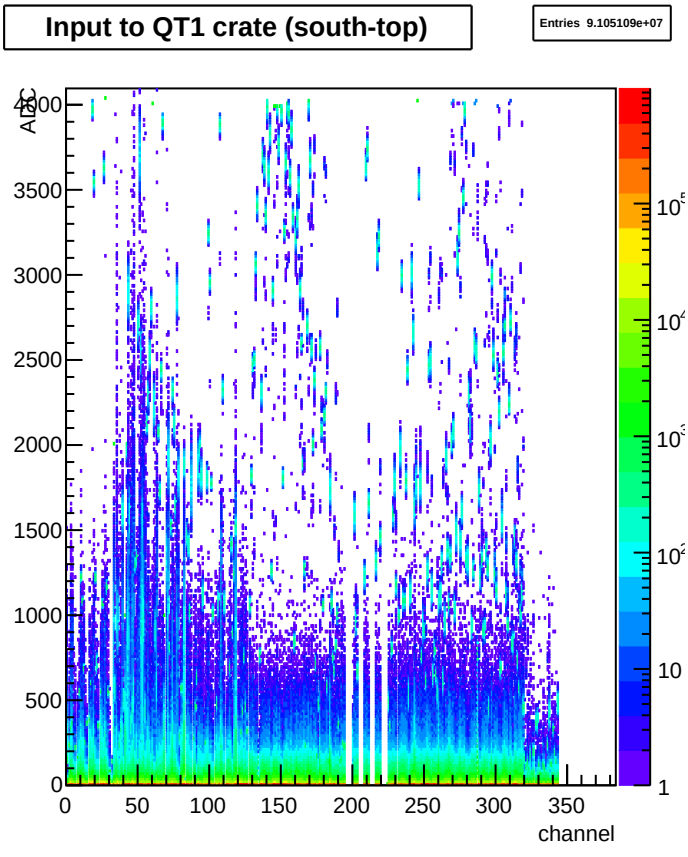

Entries 2452489
VPD-West ADC Sum
ZDC-West ADC Sum Att

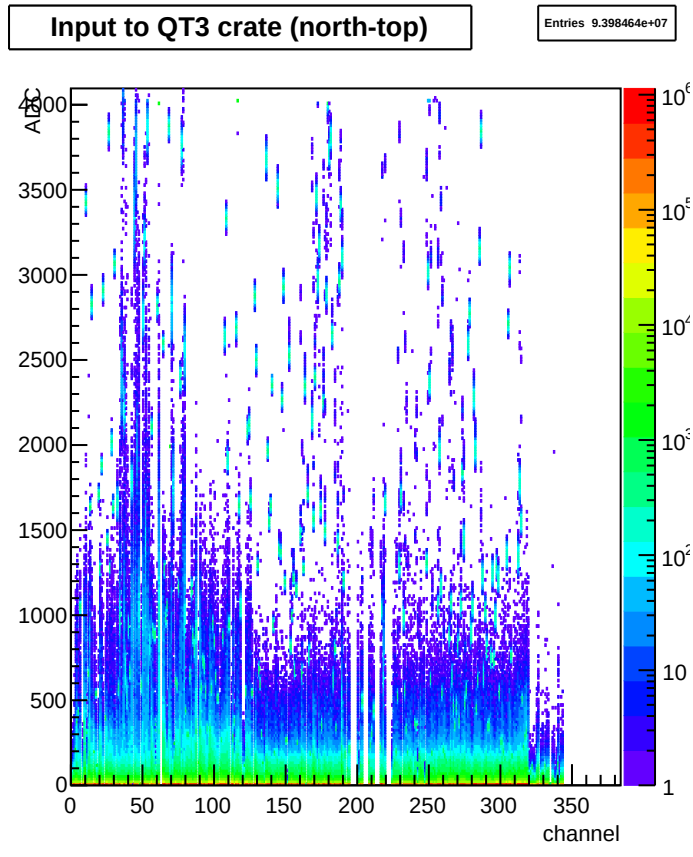

Entries 2452489
BBC-S-East ADC Sum
BBC-S-West ADC Sum

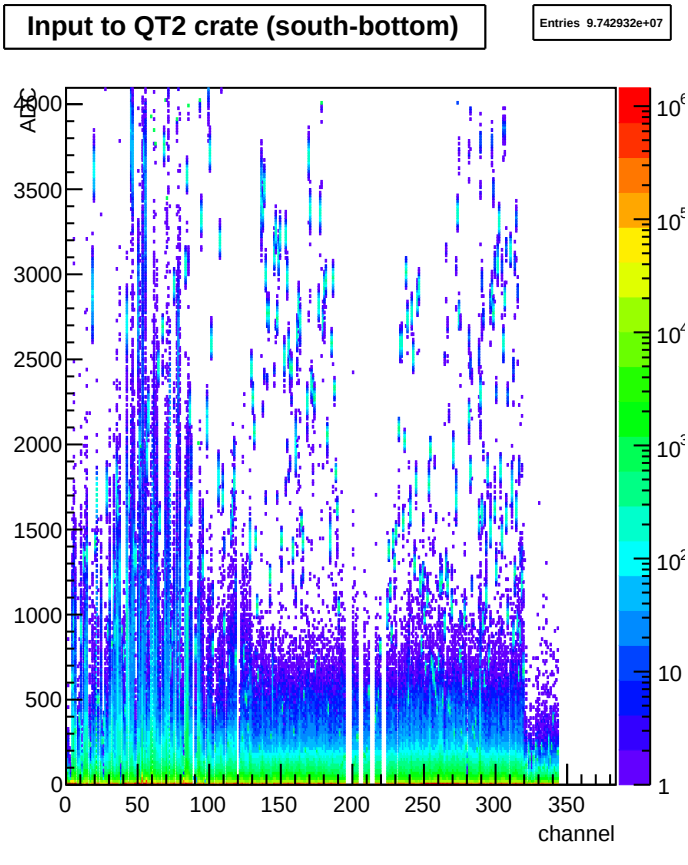

Entries 2452489
ZDC East ADC Sum Att
ZDC West ADC Sum Att

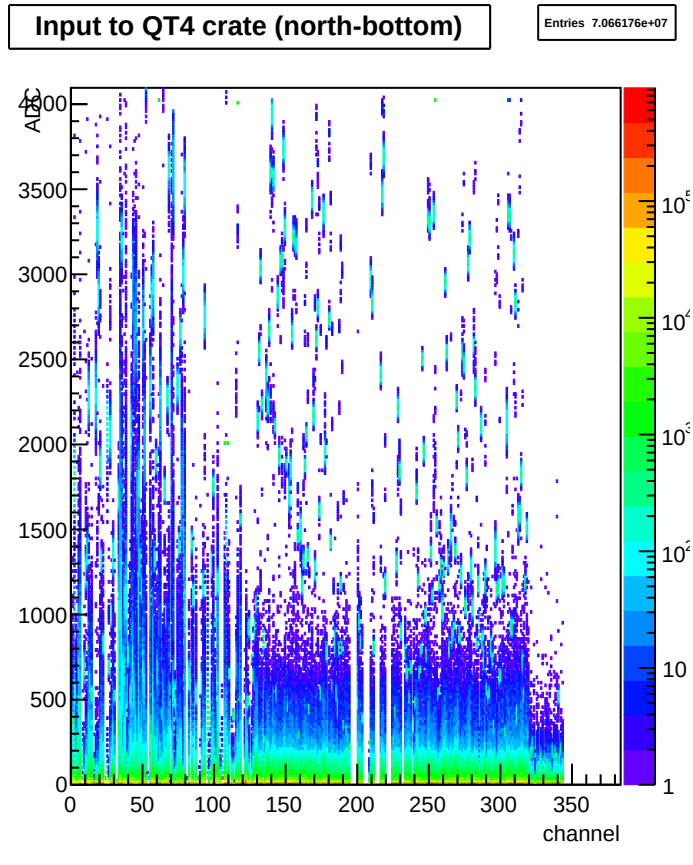

Entries 2452489
VPD East ADC Sum
VPD West ADC Sum

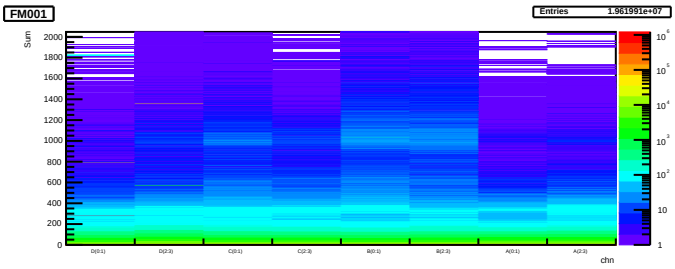

Entries 2452489
BBC-S TAC Diff
ZDC TAC Diff

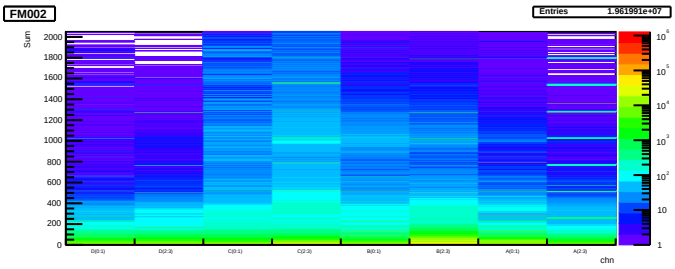

Input to QT1 crate (south-top)
Entries 9.105109e+07
ADC
channel

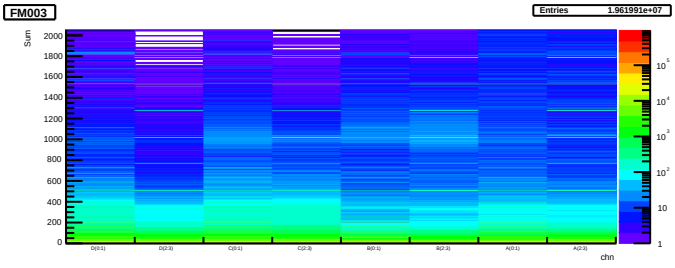

Input to QT3 crate (north-top)
Entries 9.398464e+07
ADC
channel

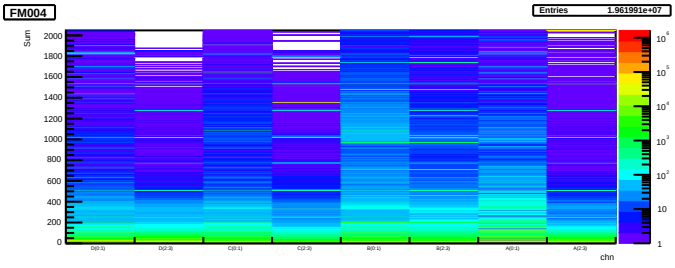

Input to QT2 crate (south-bottom)
Entries 9.742932e+07
ADC
channel

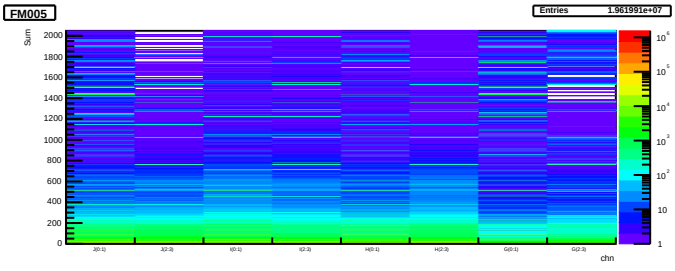

Input to QT4 crate (north-bottom)
Entries 7.066176e+07
ADC
channel

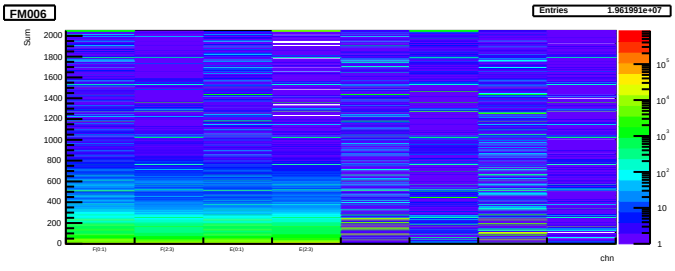

FM001
Entries 1.961991e+07
Sum
chn

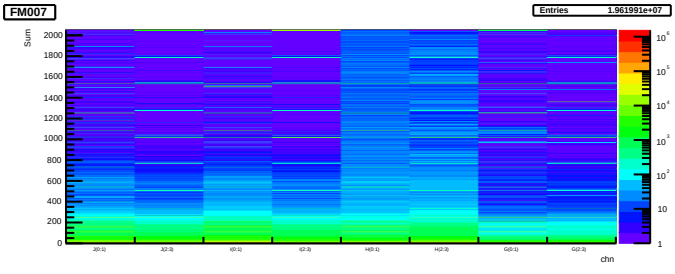

FM002
Entries 1.961991e+07
Sum
chn

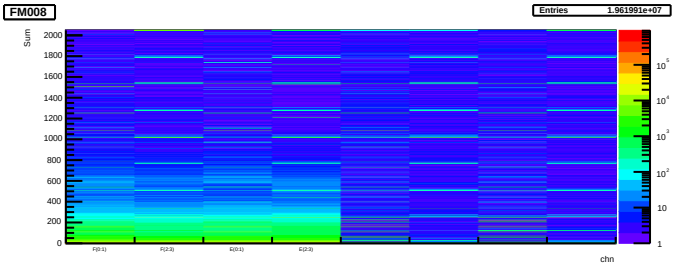

FM003
Entries 1.961991e+07
Sum
chn

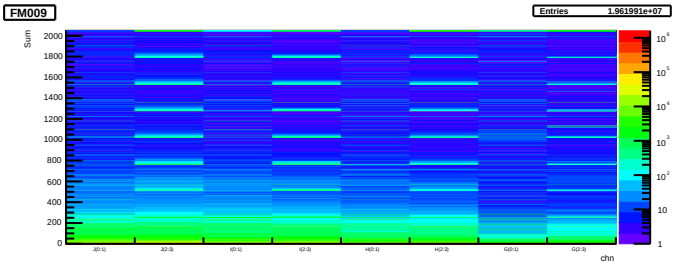

FM004
Entries 1.961991e+07
Sum
chn

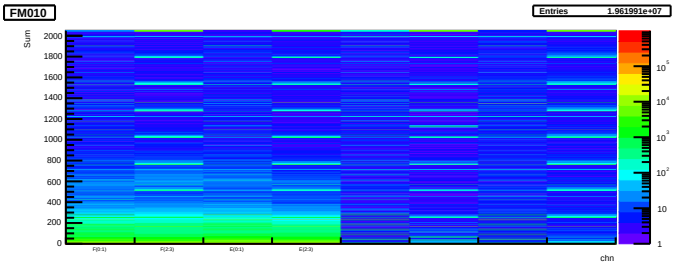

FM005
Entries 1.961991e+07
Sum
chn

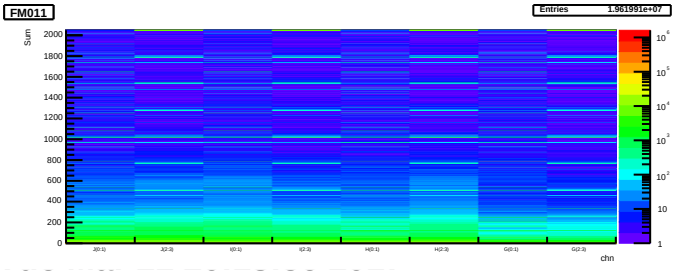

FM006
Entries 1.961991e+07
Sum
chn

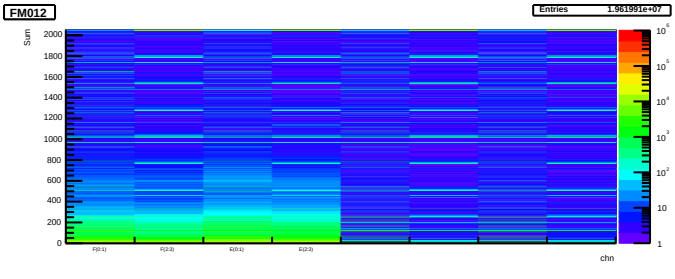

FM007
Entries 1.961991e+07
Sum
chn

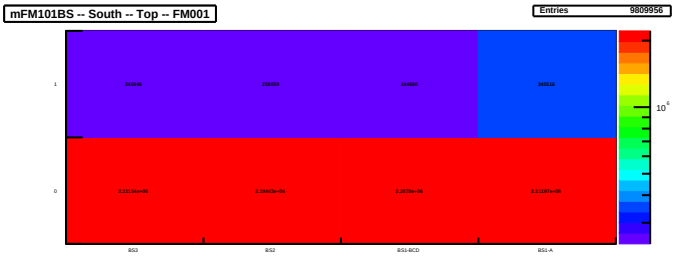

FM008
Entries 1.961991e+07
Sum
chn

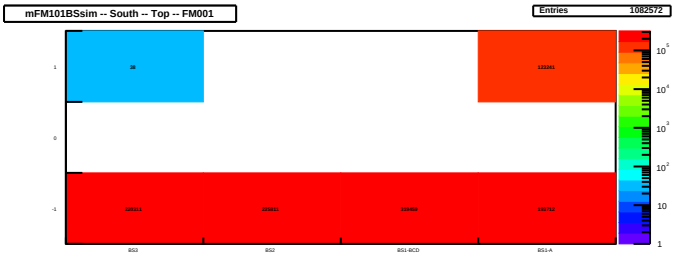

FM009
Entries 1.961991e+07
Sum
chn

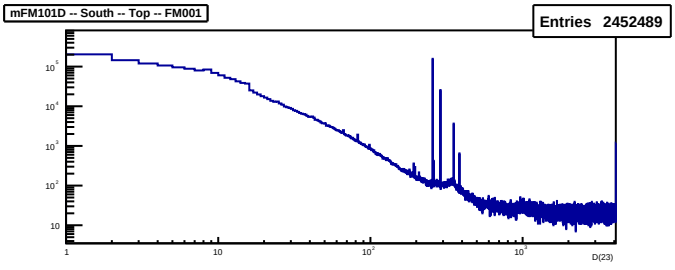

FM010
Entries 1.961991e+07
Sum
chn

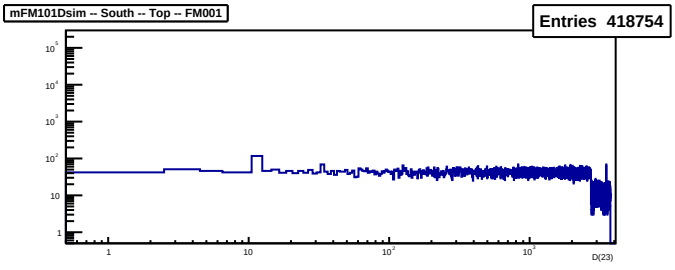

FM011
Entries 1.961991e+07
Sum
chn


FM012
Entries 1.961991e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 9809956


mFM101BSsim -- South -- Top -- FM001
Entries 1082572


mFM101D -- South -- Top -- FM001
Entries 2452489
D(23)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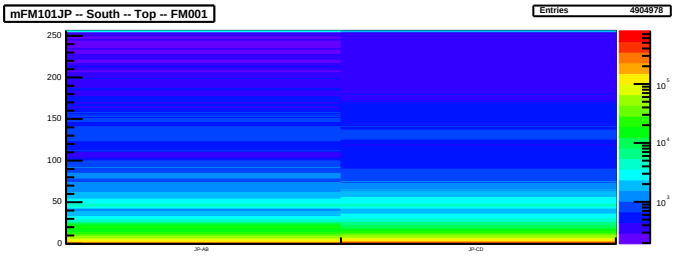
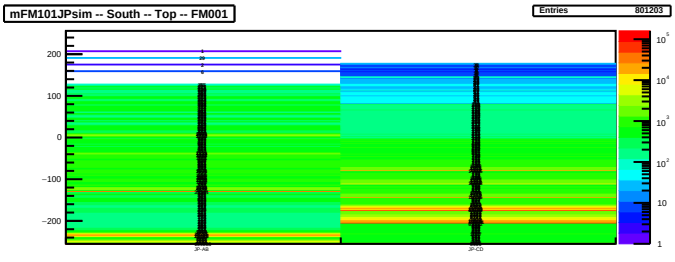
Entries 418754
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4904978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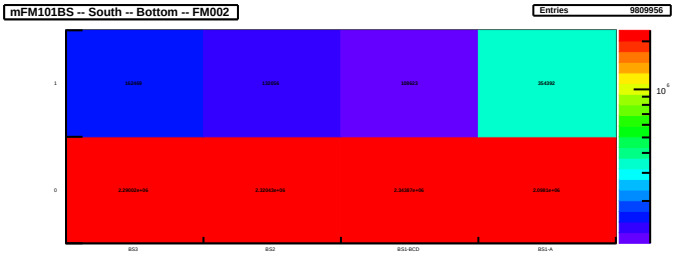
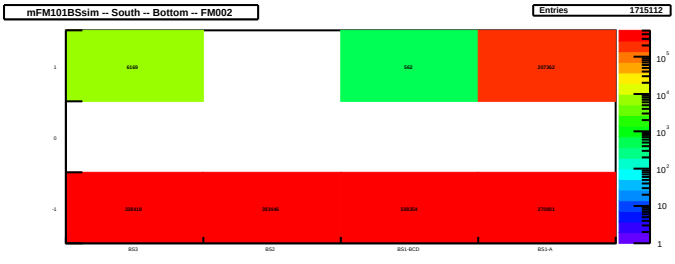
Entries 801203


mFM101BS -- South -- Bottom -- FM002
Entries 9809956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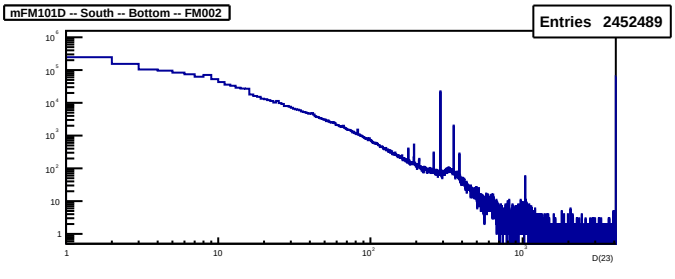
Entries 1715112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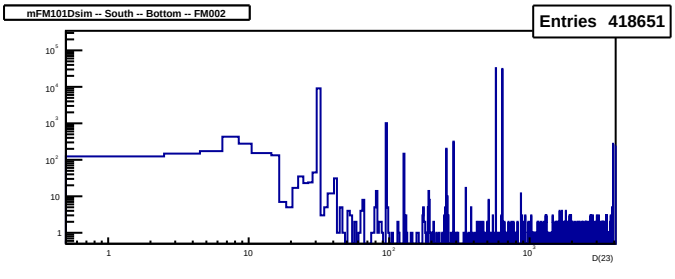
Entries 2452489
D(23)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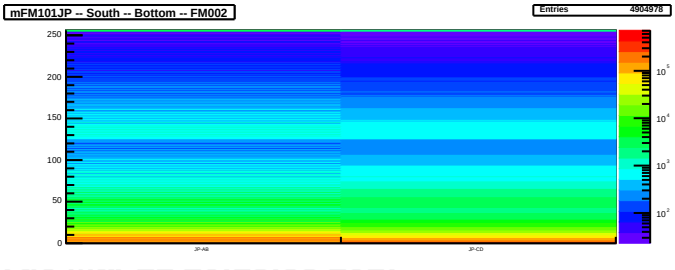
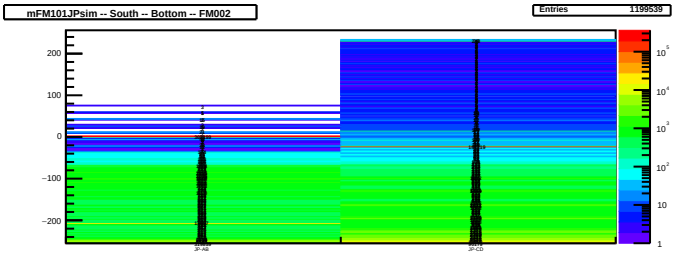
Entries 418651
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4904978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Entries 1199539

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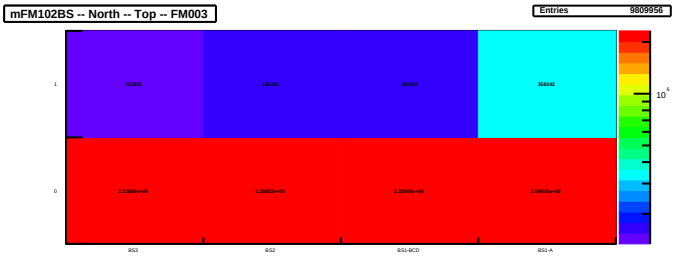

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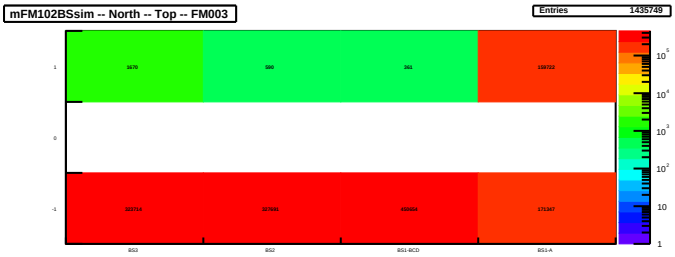

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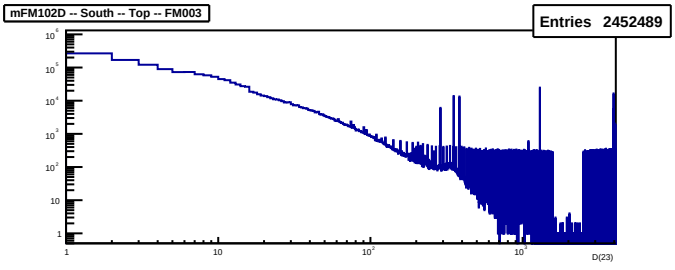

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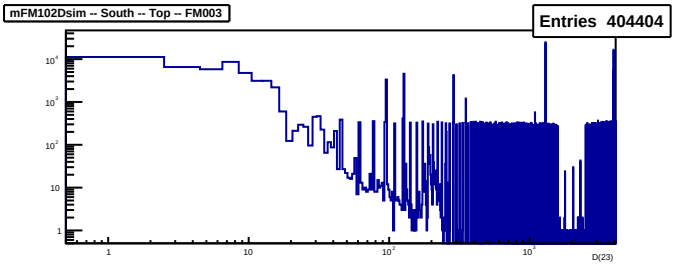

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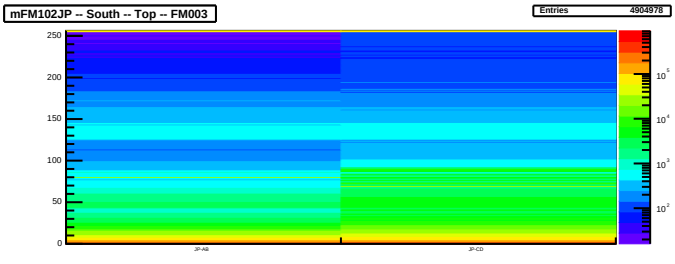

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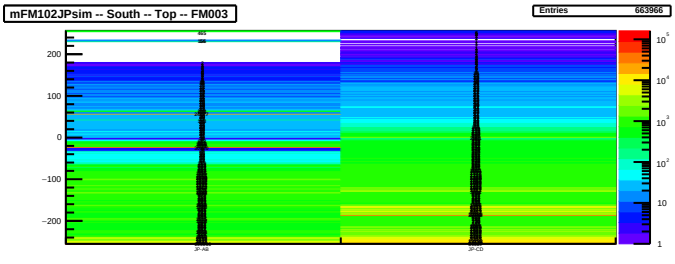

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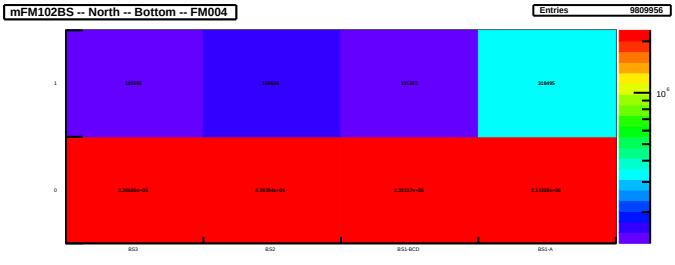

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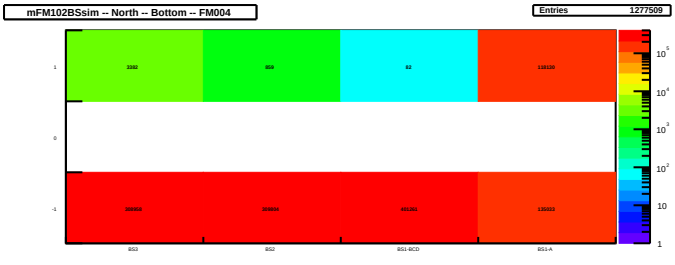

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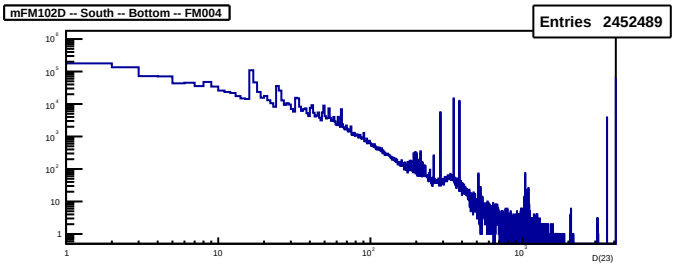

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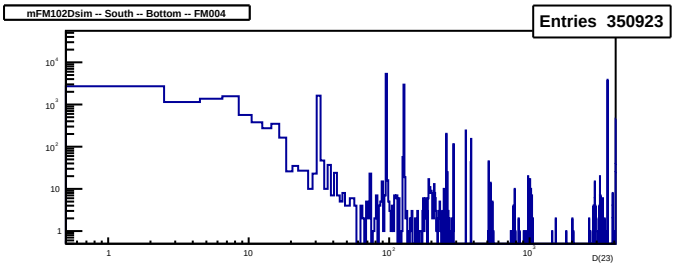

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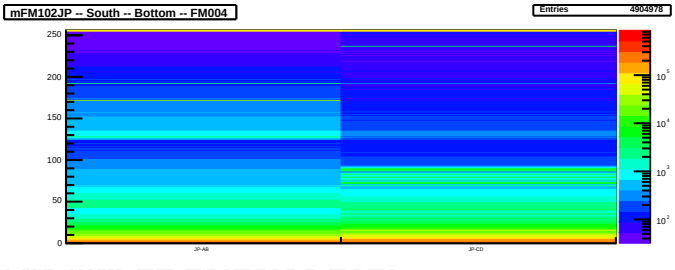

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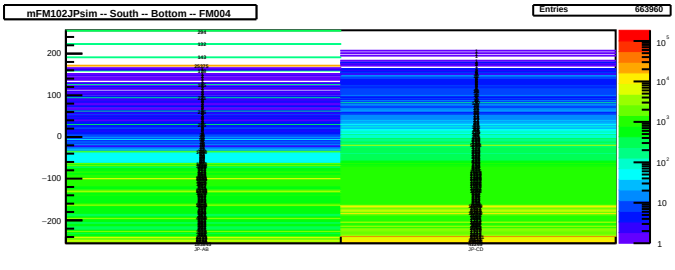
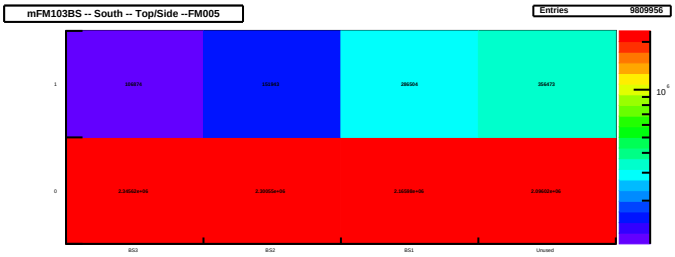
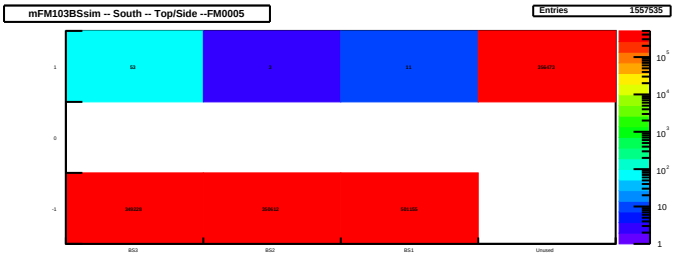



mFM103BS -- South -- Top/Side --FM005
Entries 9809956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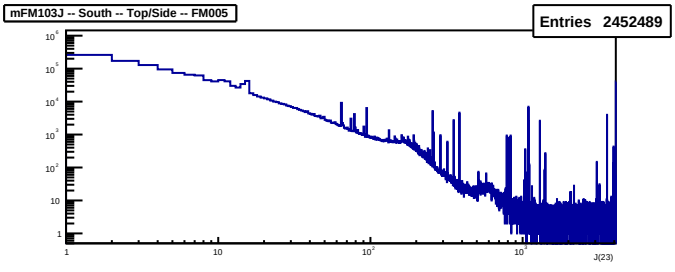
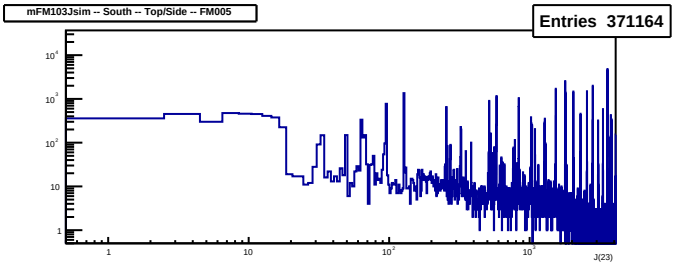
Entries 1557535


mFM103J -- South -- Top/Side -- FM005
Entries 2452489
J(23)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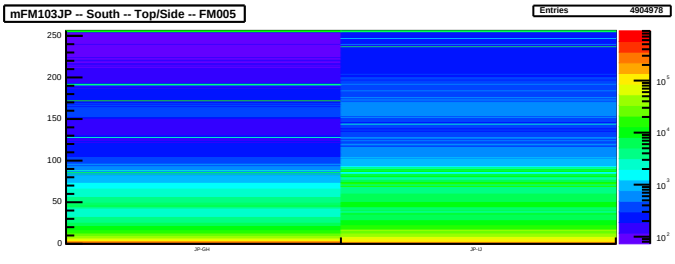
Entries 371164
J(23)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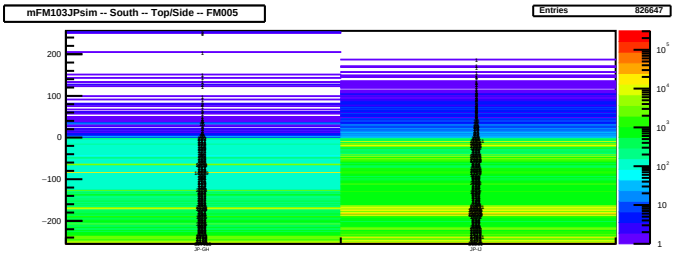
Entries 4904978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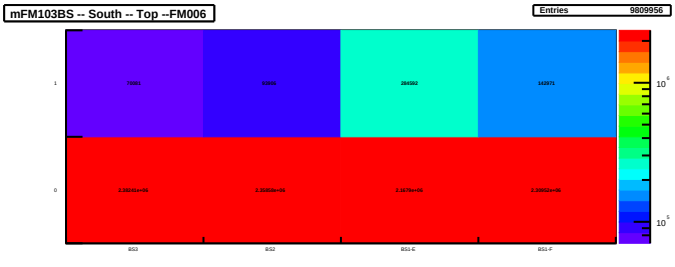
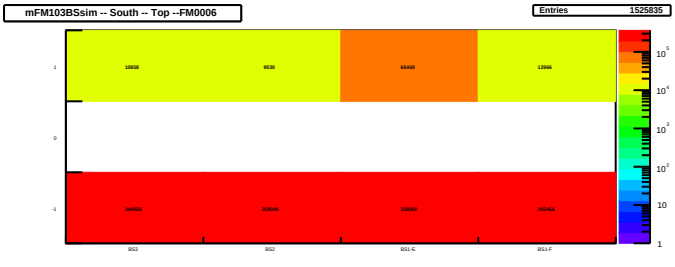
Entries 826647


mFM103BS -- South -- Top --FM006
Entries 9809956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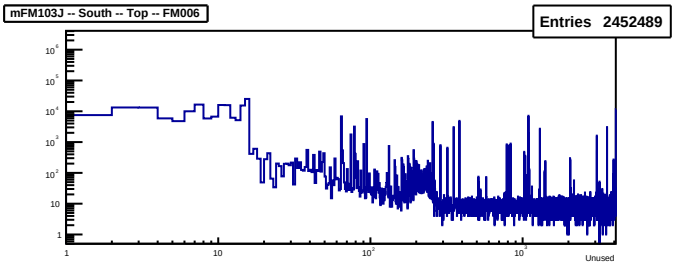
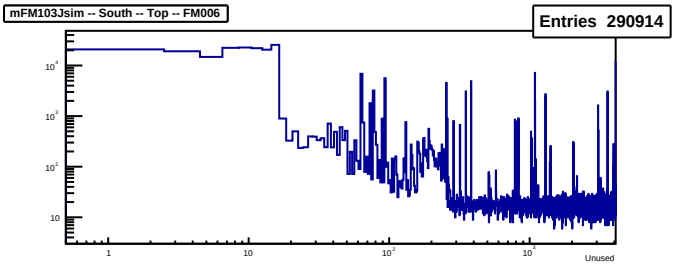
Entries 1525835


mFM103J -- South -- Top -- FM006
Entries 2452489
Unused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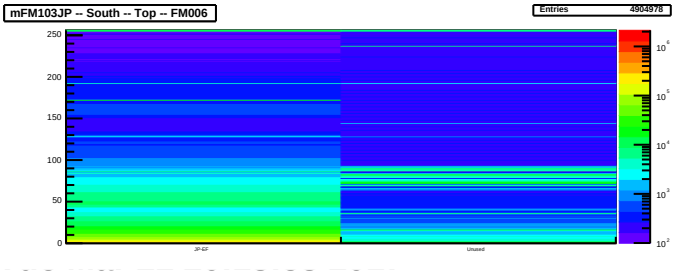
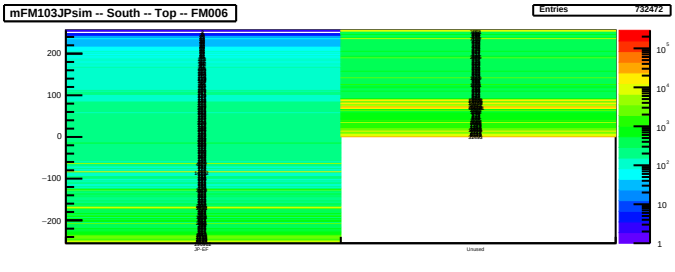
Entries 290914
Unused


mFM103JP -- South -- Top -- FM006
Entries 4904978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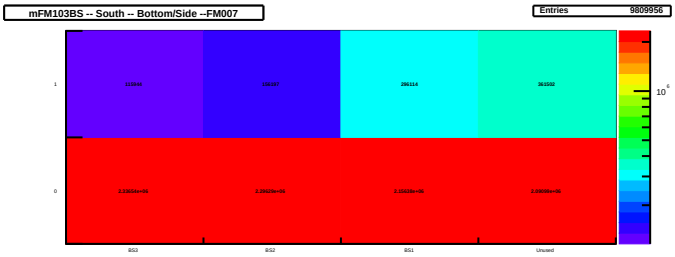
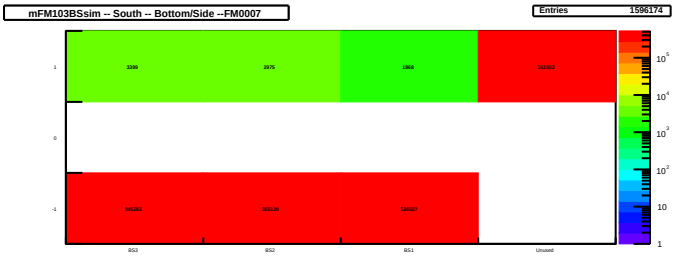
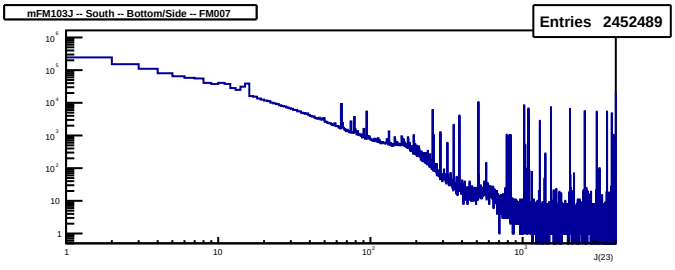
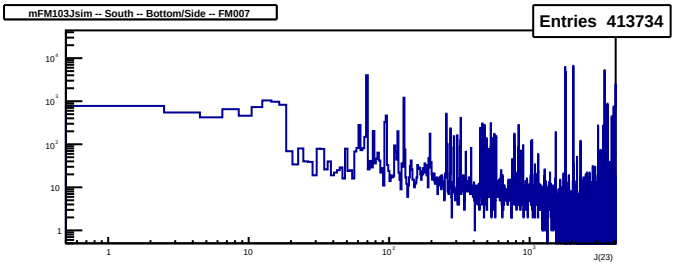
Entries 732472


mFM103BS -- South -- Bottom/Side --FM007
Entries 9809956
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1596174
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 2452489
J(23)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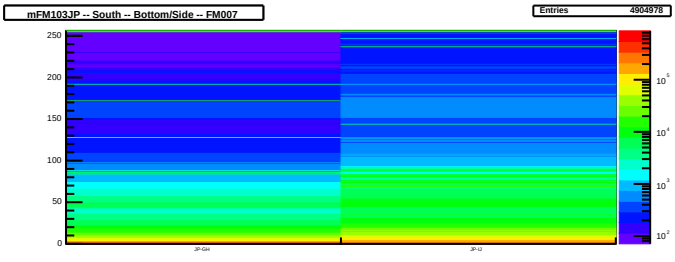
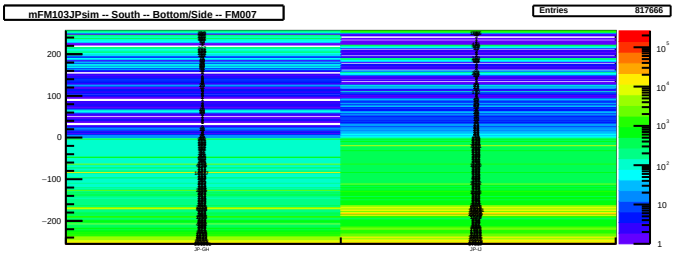
Entries 413734
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4904978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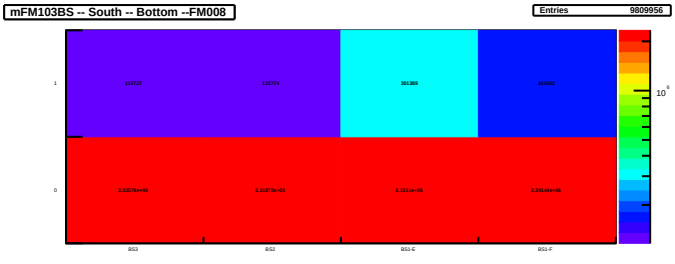
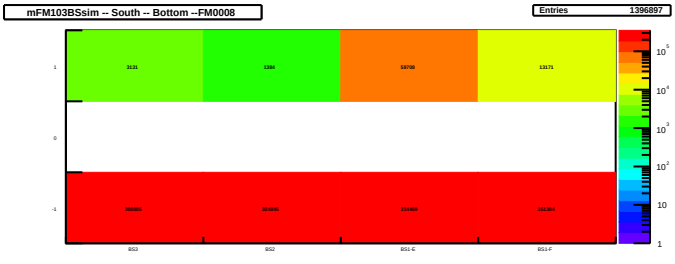
Entries 817666


mFM103BS -- South -- Bottom --FM008
Entries 9809956
BS3
BS2
BS1-E
BS1-F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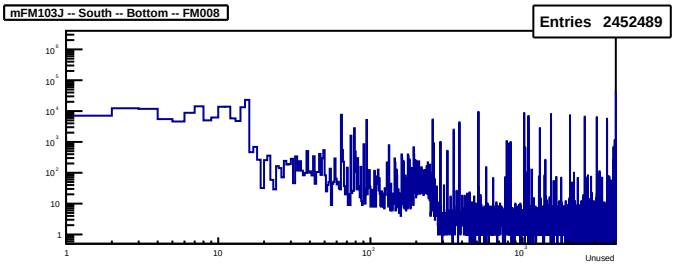
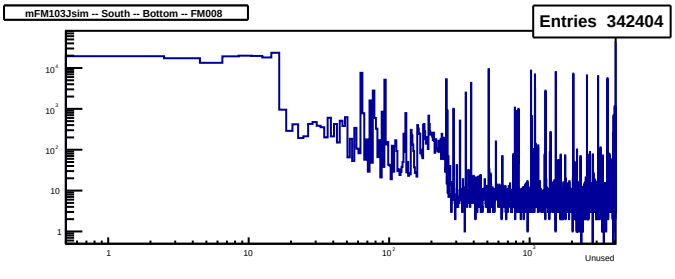
Entries 1396897
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 2452489
Unused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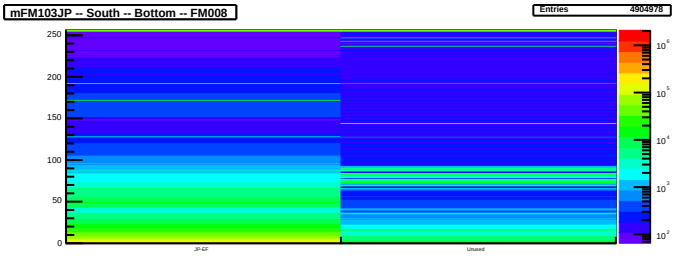
Entries 342404
Unused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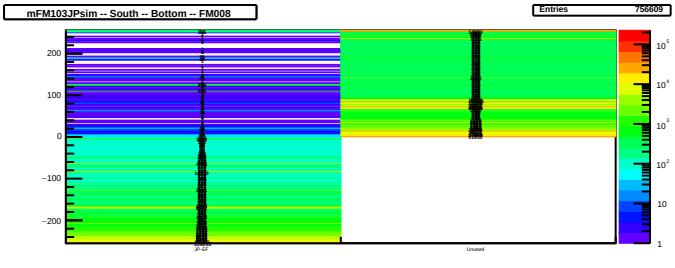
Entries 4904978
Unused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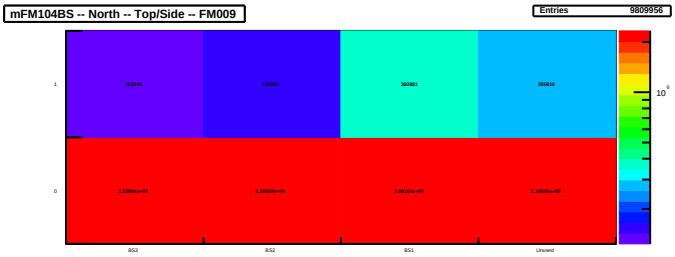
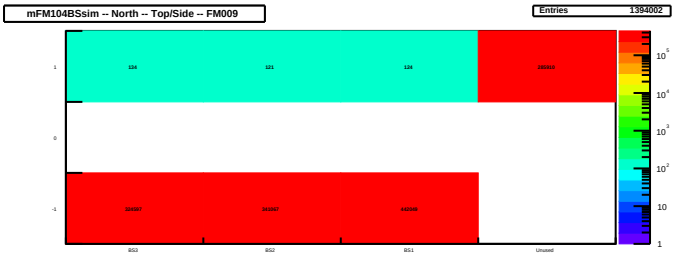
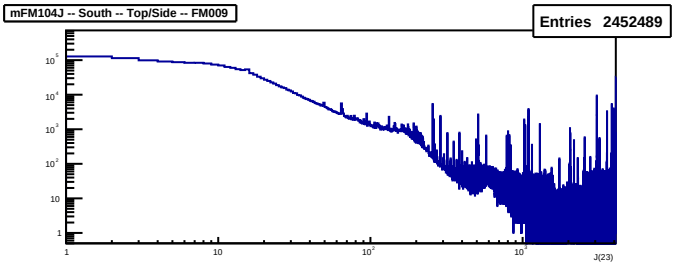
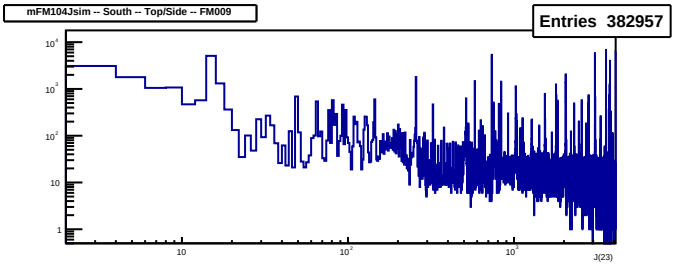
Entries 756609
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 9809956


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1394002


mFM104J -- South -- Top/Side -- FM009
Entries 2452489
J(23)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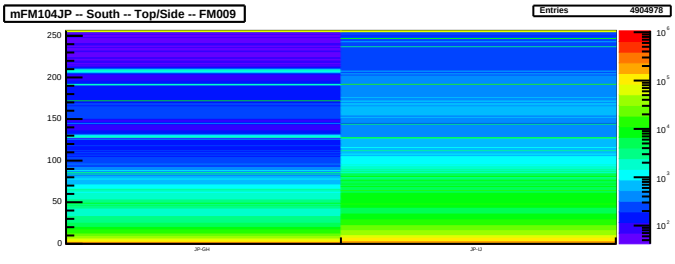
Entries 382957
J(23)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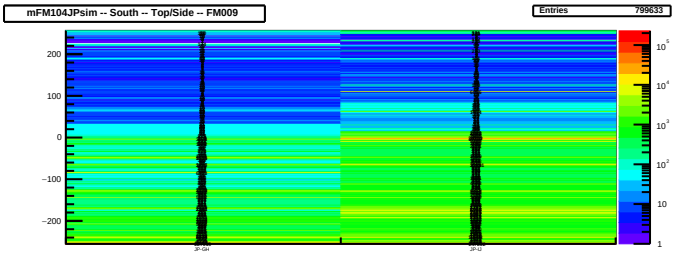
Entries 4904978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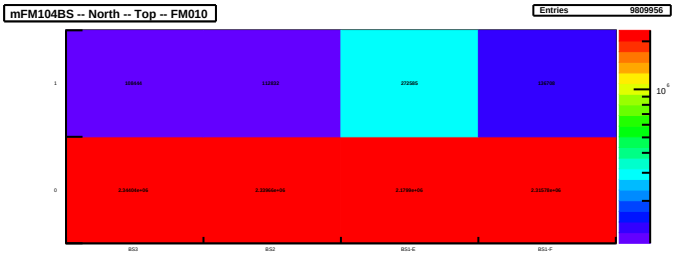
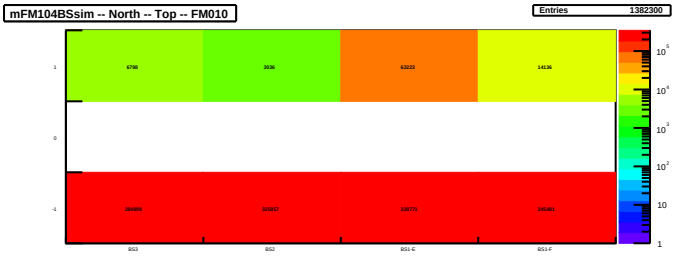
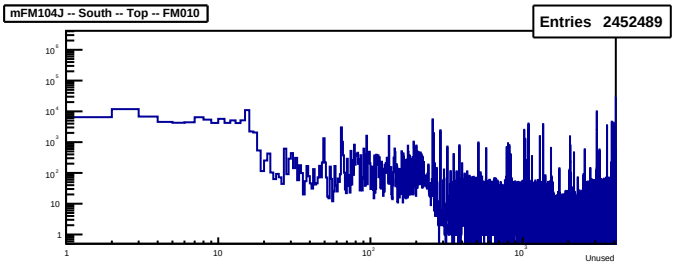
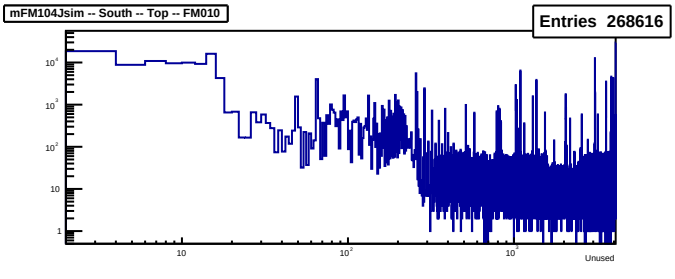
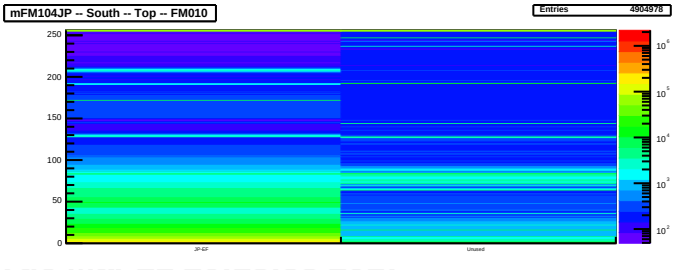
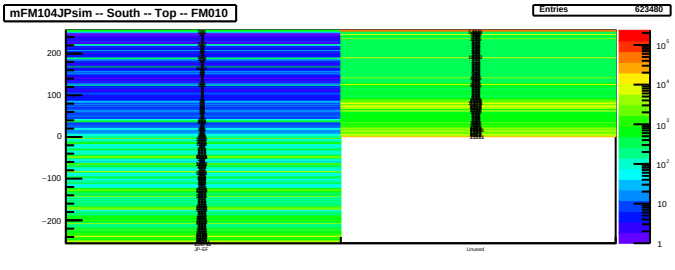

mFM104BS -- North -- Top -- FM010
Entries 9809956

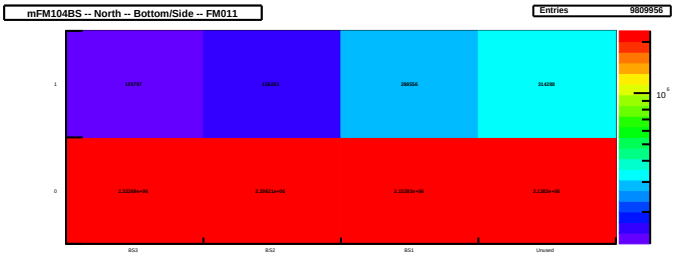

mFM104BSsim -- North -- Top -- FM010
Entries 1382300

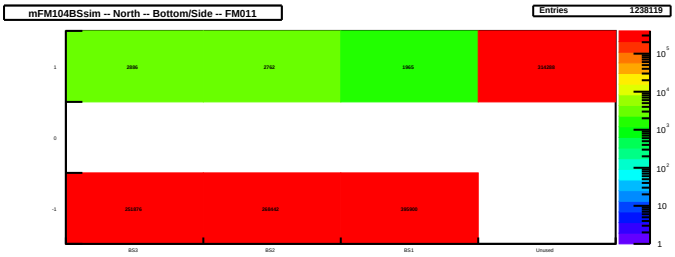

mFM104J -- South -- Top -- FM010
Entries 2452489
Unused

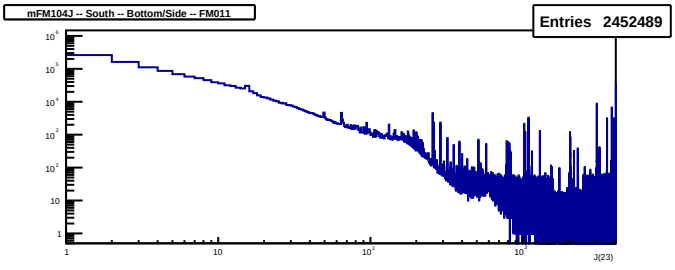

mFM104Jsim -- South -- Top -- FM010
Entries 268616
Unused

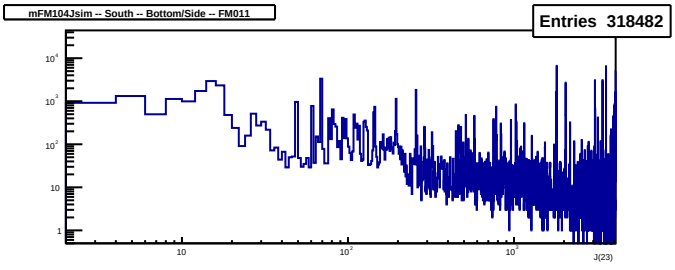

mFM104JP -- South -- Top -- FM010
Entries 4904978

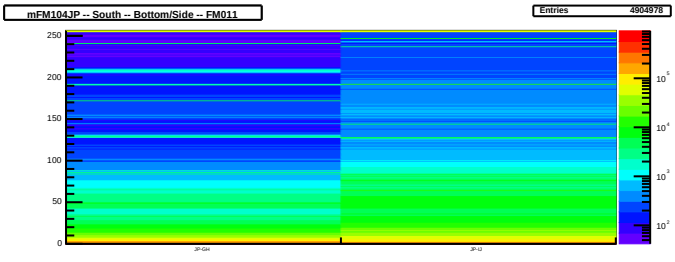

mFM104JPsim -- South -- Top -- FM010
Entries 623480

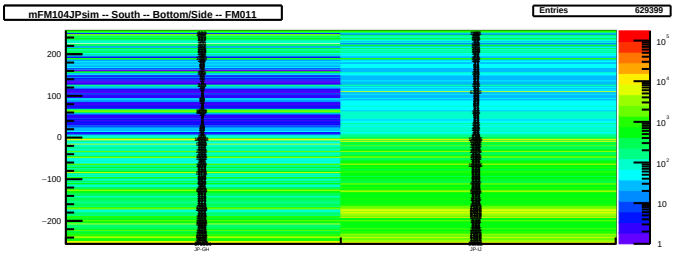

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9809956

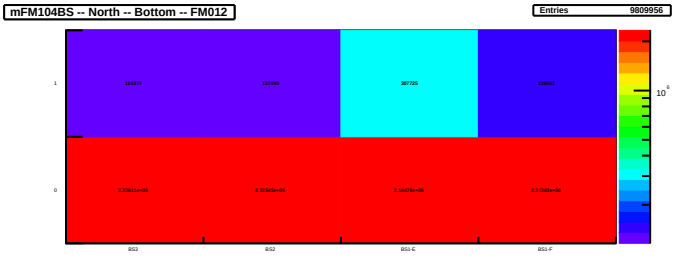

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1238119

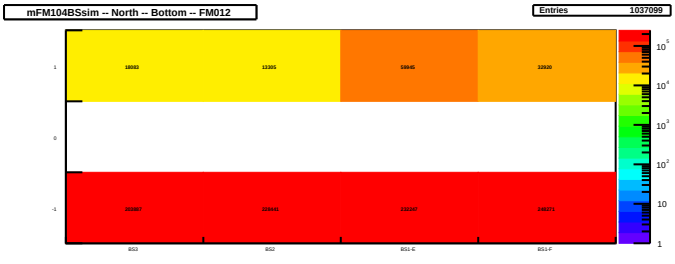

mFM104J -- South -- Bottom/Side -- FM011
Entries 2452489
J(23)

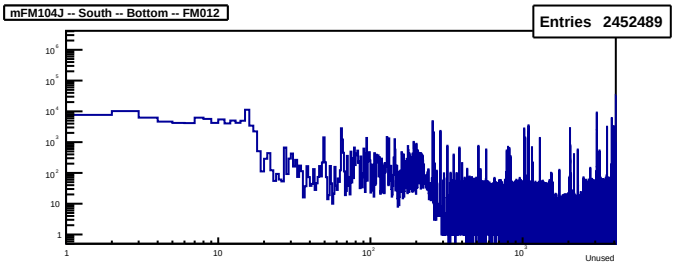

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 318482
J(23)

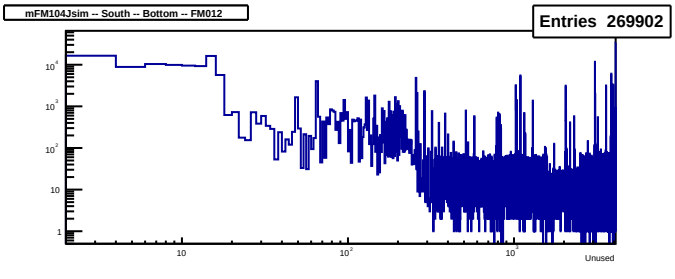

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4904978

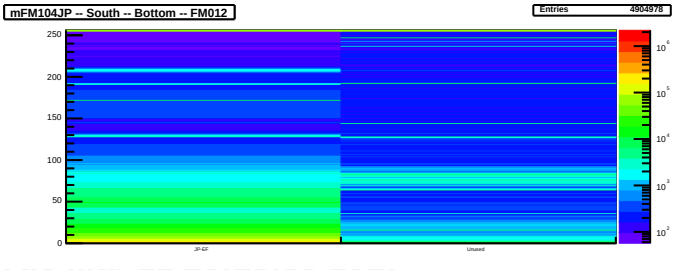

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 629399

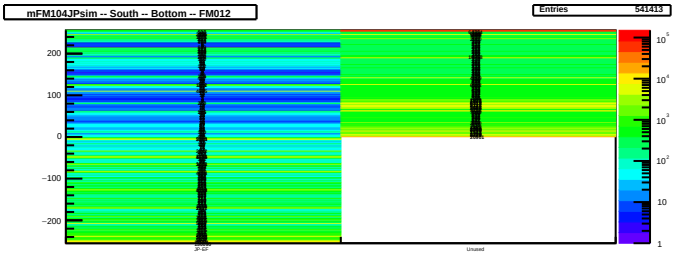

mFM104BS -- North -- Bottom -- FM012
Entries 9809956

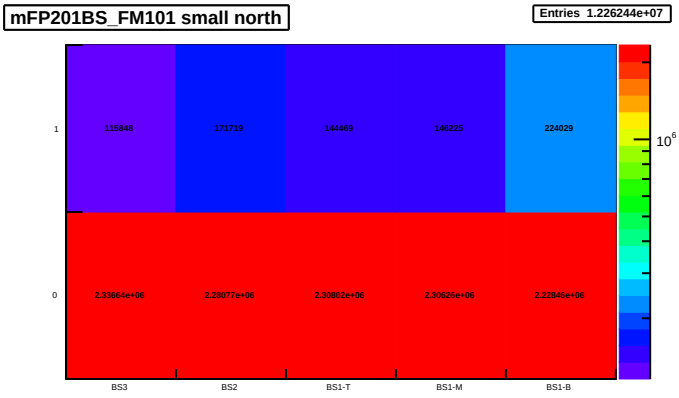

mFM104BSsim -- North -- Bottom -- FM012
Entries 1037099

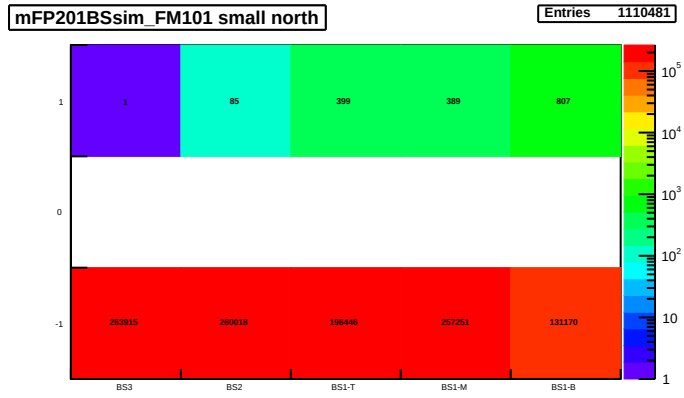

mFM104J -- South -- Bottom -- FM012
Entries 2452489
Unused

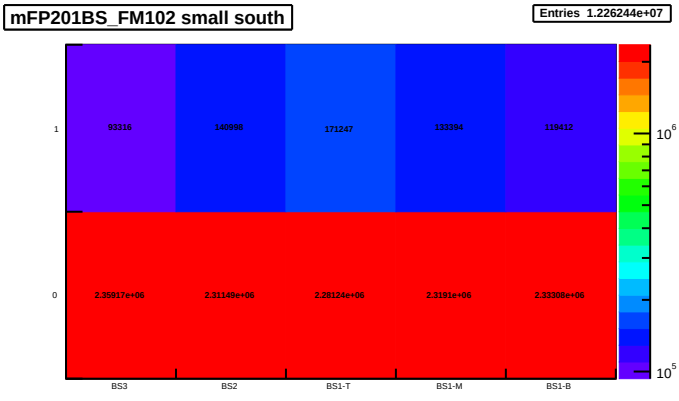

mFM104Jsim -- South -- Bottom -- FM012
Entries 269902
Unused

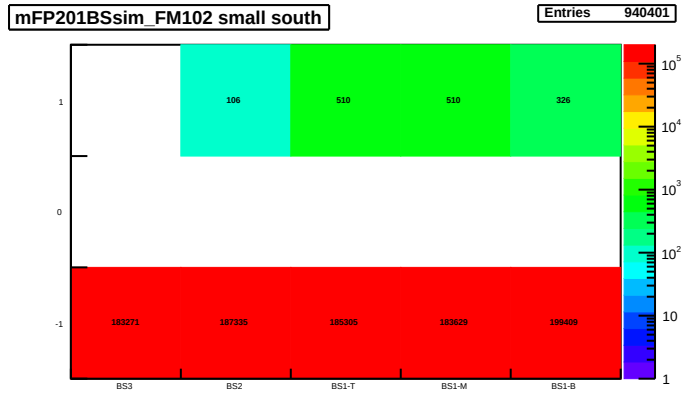

mFM104JP -- South -- Bottom -- FM012
Entries 4904978

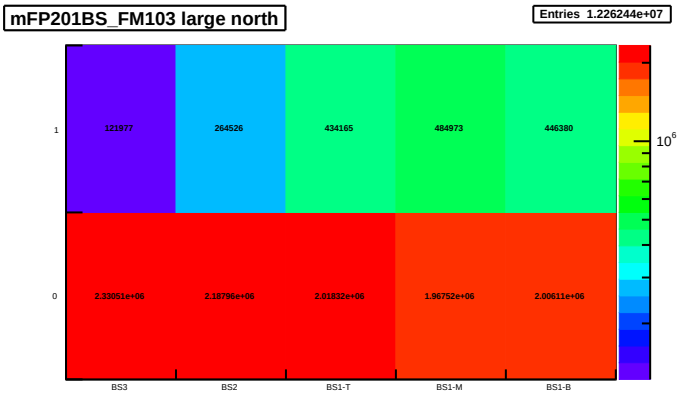

mFM104JPsim -- South -- Bottom -- FM012
Entries 541413

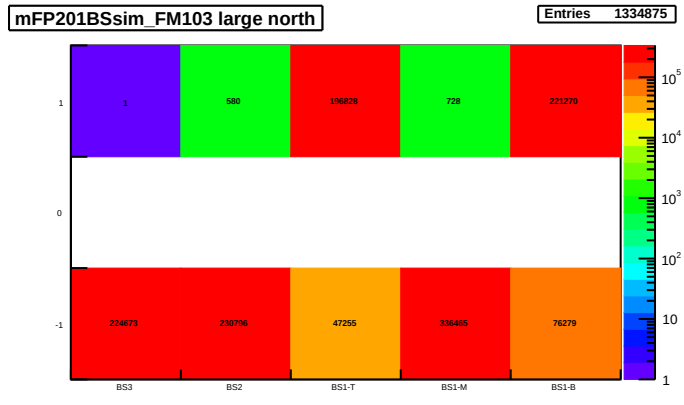

mFP201BS_FM101 small north
Entries 1.226244e+07
115848
171719
144469
146225
224029
2.33664e+06
2.28077e+06
2.30802e+06
2.30626e+06
2.22846e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

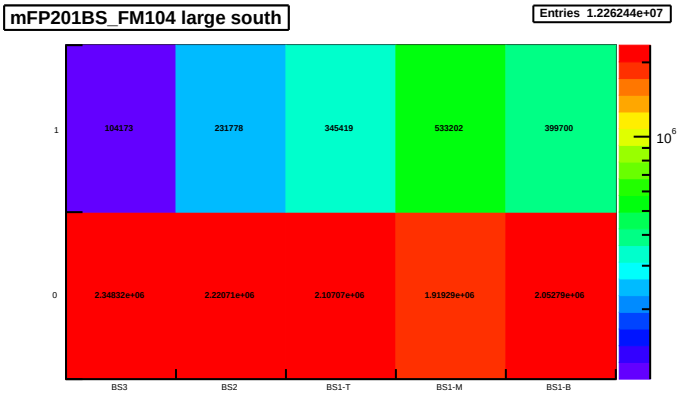

mFP201BSsim_FM101 small north
Entries 1110481
1
85
399
389
807
263915
260018
196446
257251
131170
BS3
BS2
BS1-T
BS1-M
BS1-B

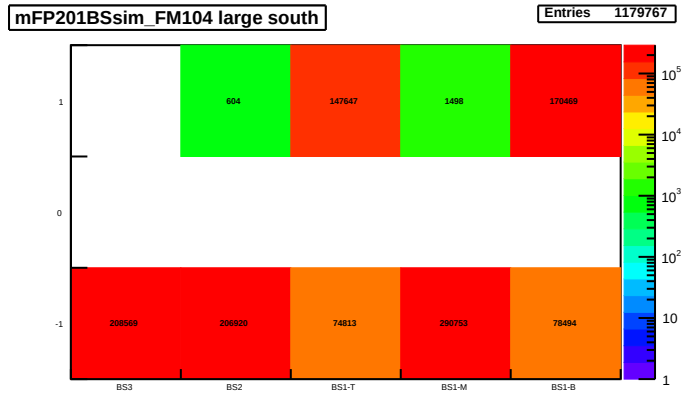

mFP201BS_FM102 small south
Entries 1.226244e+07
93316
140998
171247
133394
119412
2.35917e+06
2.31149e+06
2.28124e+06
2.3191e+06
2.33308e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

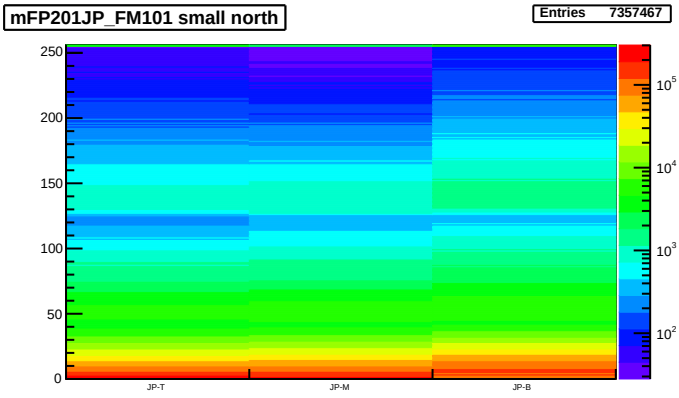

mFP201BSsim_FM102 small south
Entries 940401
106
510
510
326
183271
187335
185305
183629
199409
BS3
BS2
BS1-T
BS1-M
BS1-B

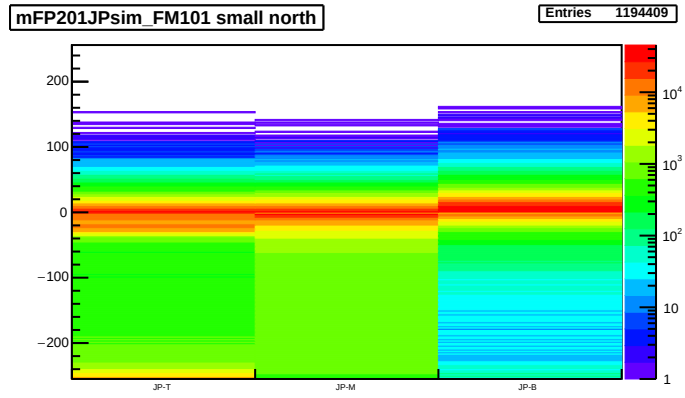

mFP201BS_FM103 large north
Entries 1.226244e+07
121977
264526
434165
484973
446380
2.33051e+06
2.18796e+06
2.01832e+06
1.96752e+06
2.00611e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

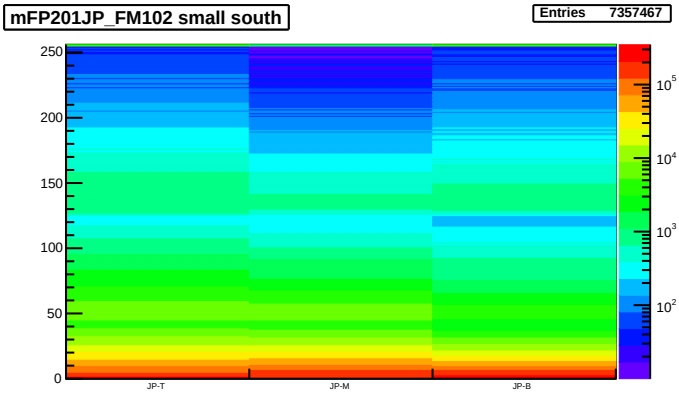

mFP201BSsim_FM103 large north
Entries 1334875
1
580
196828
728
221270
224673
230796
47255
336465
76279
BS3
BS2
BS1-T
BS1-M
BS1-B

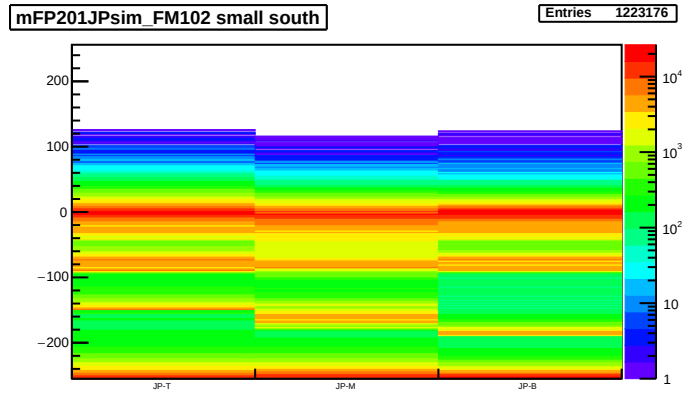

mFP201BS_FM104 large south
Entries 1.226244e+07
104173
231778
345419
533202
399700
2.34832e+06
2.22071e+06
2.10707e+06
1.91929e+06
2.05279e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

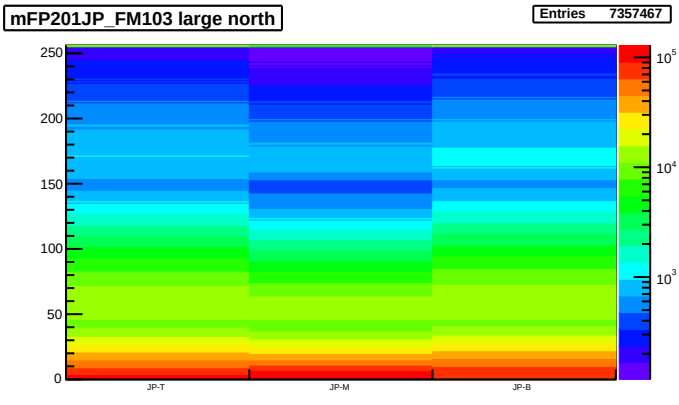

mFP201BSsim_FM104 large south
Entries 1179767
604
147647
1498
170469
208569
206920
74813
290753
78494
BS3
BS2
BS1-T
BS1-M
BS1-B

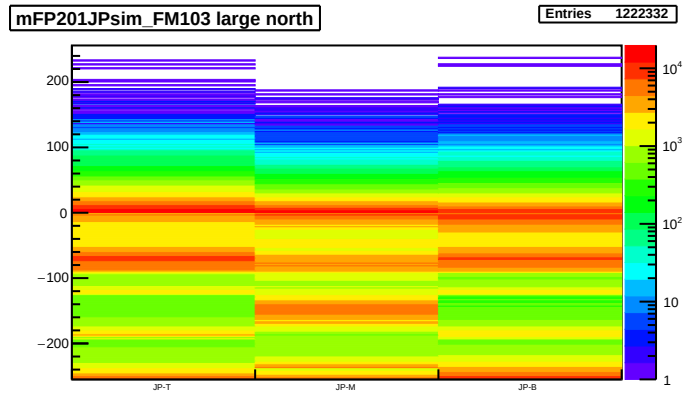

mFP201JP_FM101 small north
Entries 7357467
JP-T
JP-M
JP-B

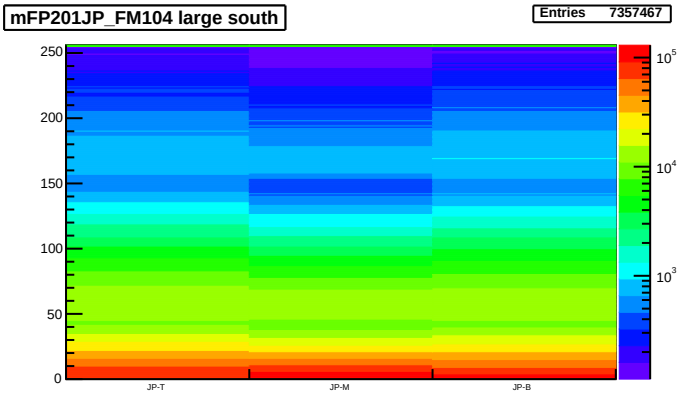

mFP201JPsim_FM101 small north
Entries 1194409
JP-T
JP-M
JP-B

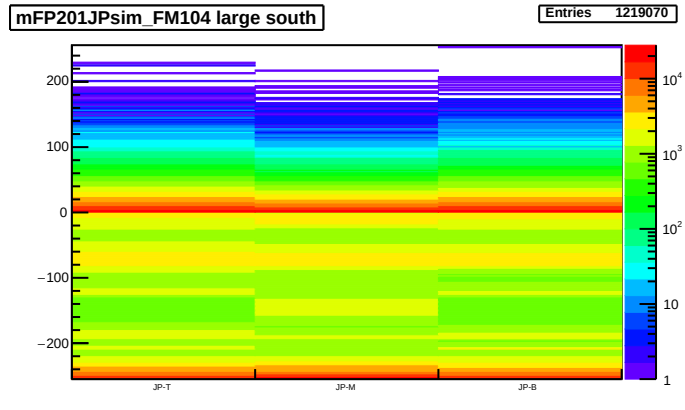

mFP201JP_FM102 small south
Entries 7357467
JP-T
JP-M
JP-B

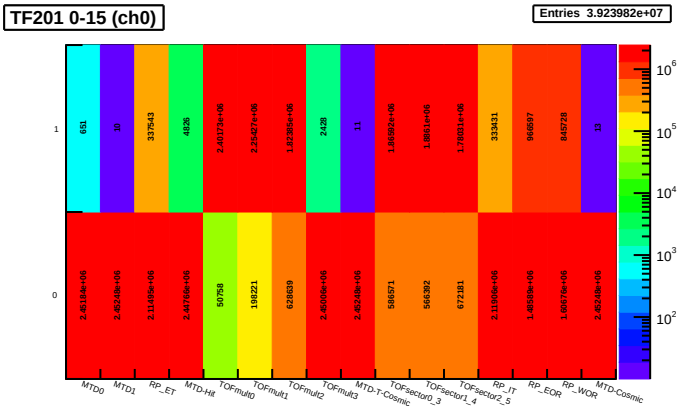

mFP201JPsim_FM102 small south
Entries 1223176
JP-T
JP-M
JP-B

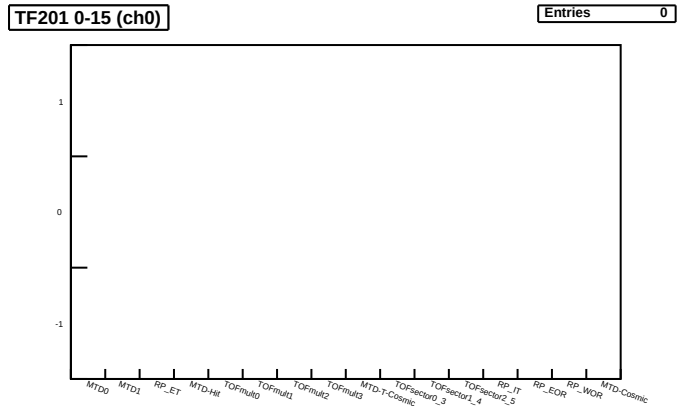

mFP201JP_FM103 large north
Entries 7357467
JP-T
JP-M
JP-B

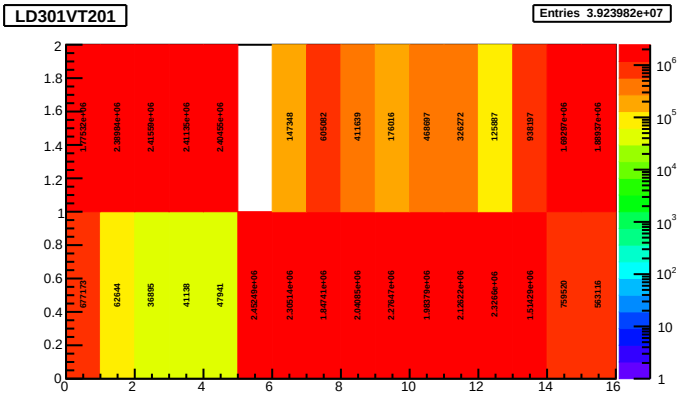

mFP201JPsim_FM103 large north
Entries 1222332
JP-T
JP-M
JP-B

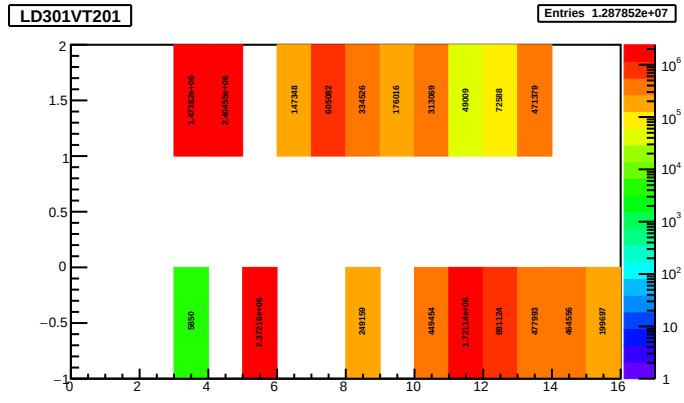

mFP201JP_FM104 large south
Entries 7357467
JP-T
JP-M
JP-B

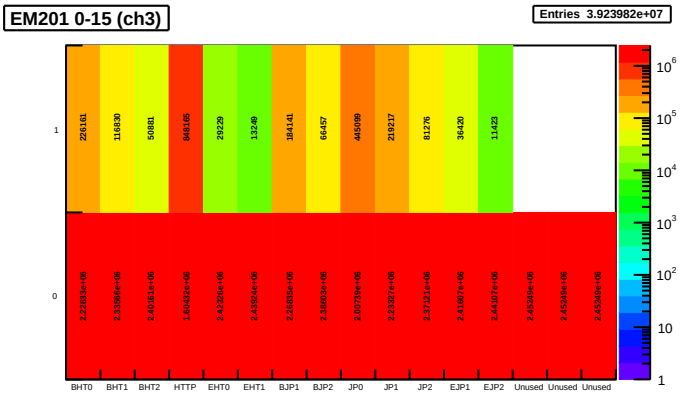

mFP201JPsim_FM104 large south
Entries 1219070
JP-T
JP-M
JP-B

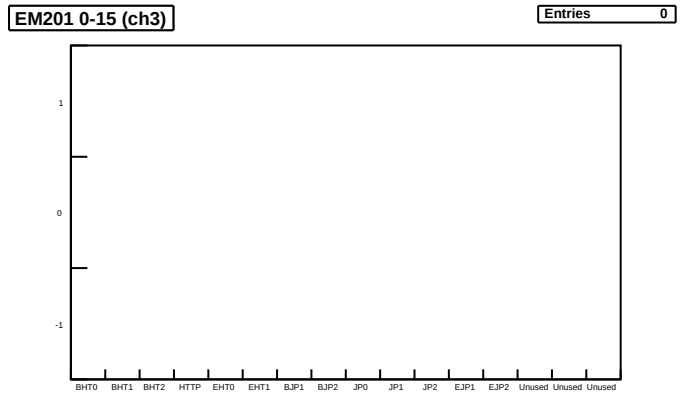

TF201 0-15 (ch0)
Entries 3.923982e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

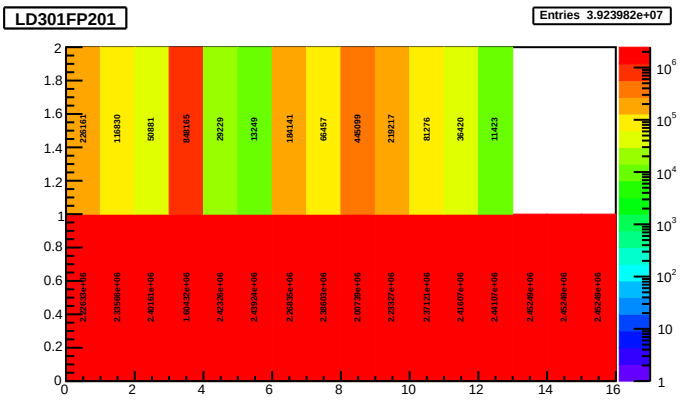

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

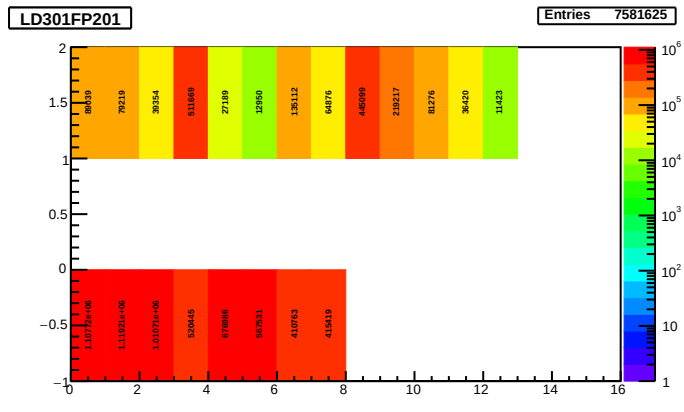

LD301VT201
Entries 3.923982e+07


LD301VT201
Entries 1.287852e+07


EM201 0-15 (ch3)
Entries 3.923982e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 3.923982e+07


LD301FP201
Entries 7581625