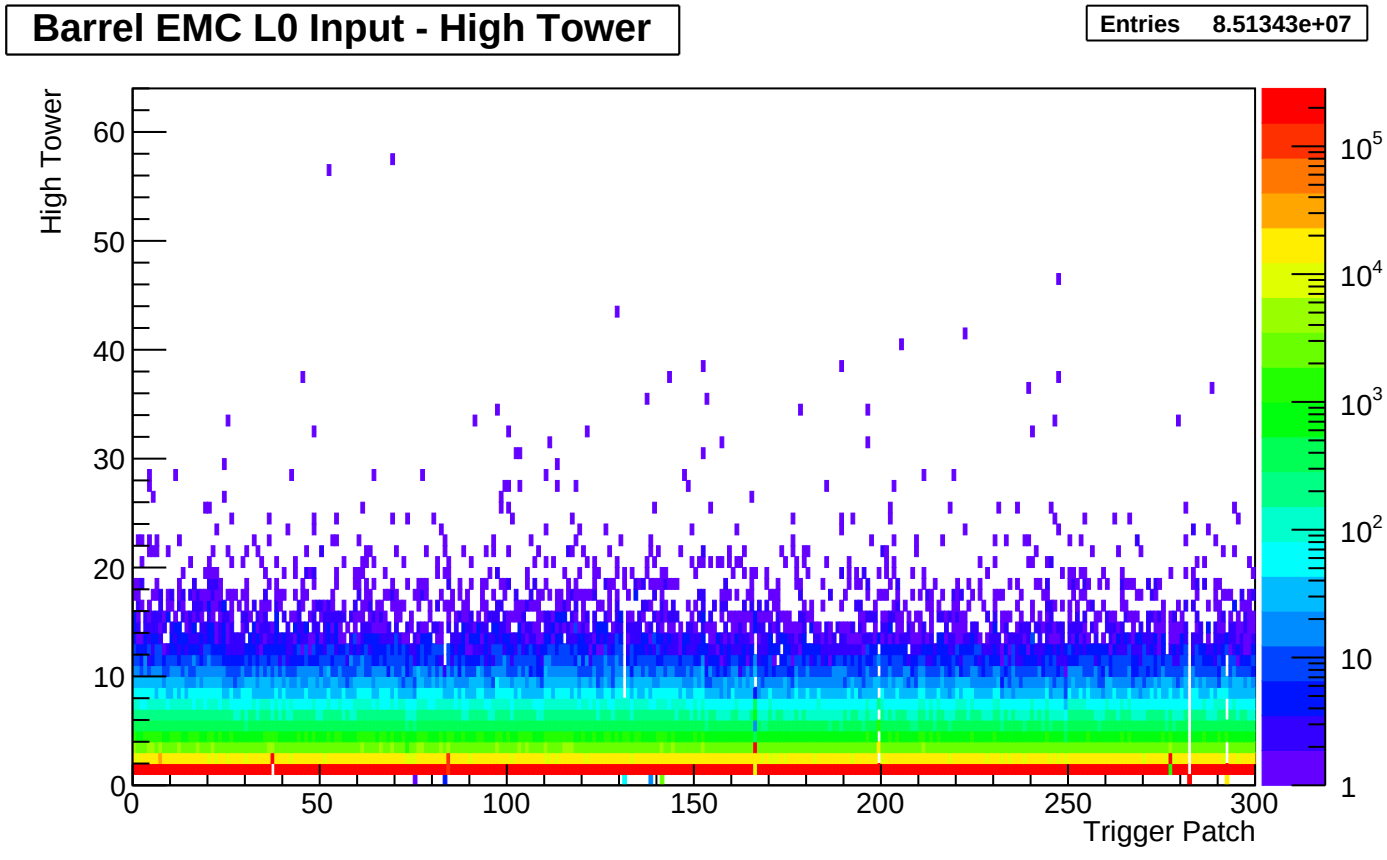
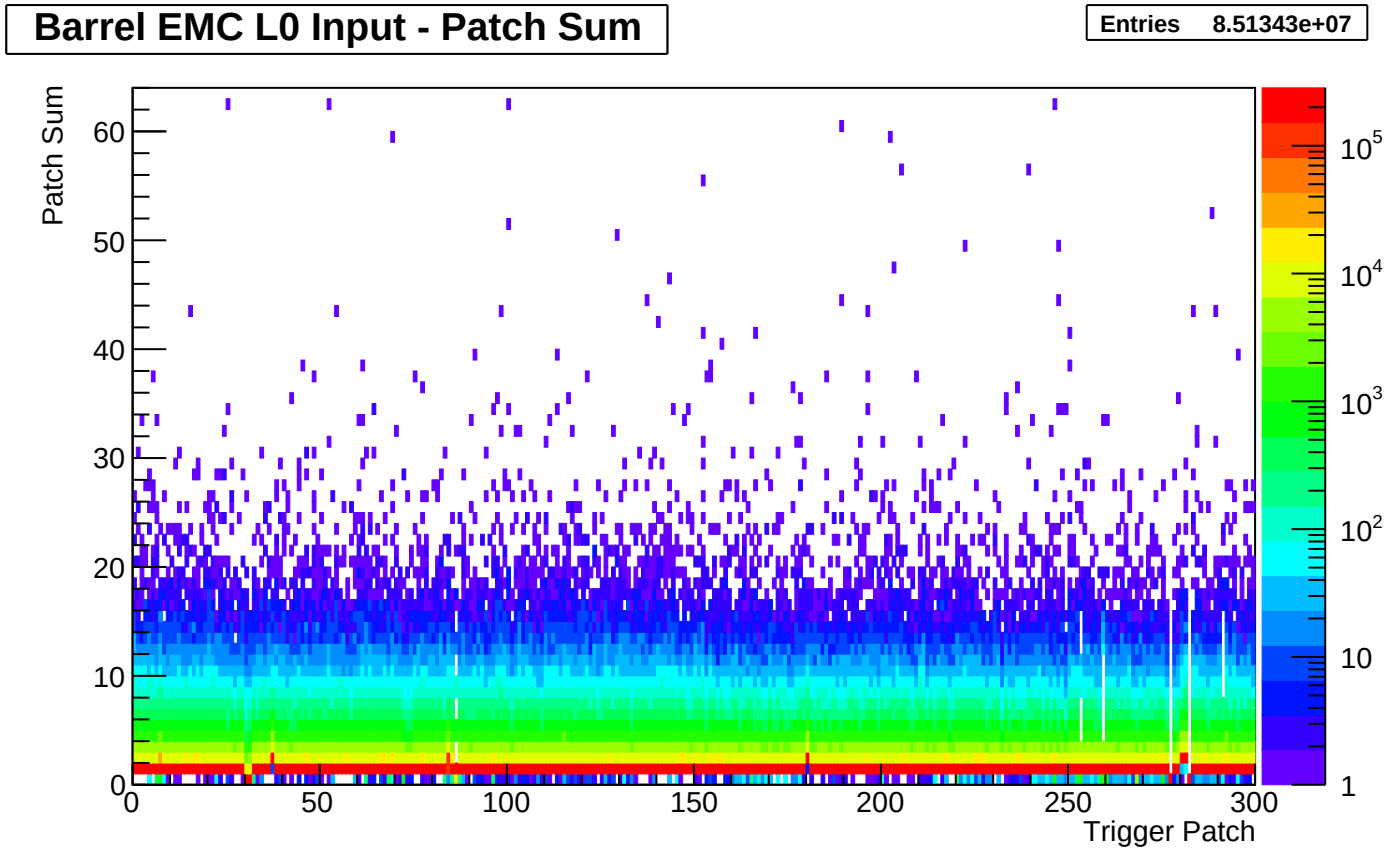
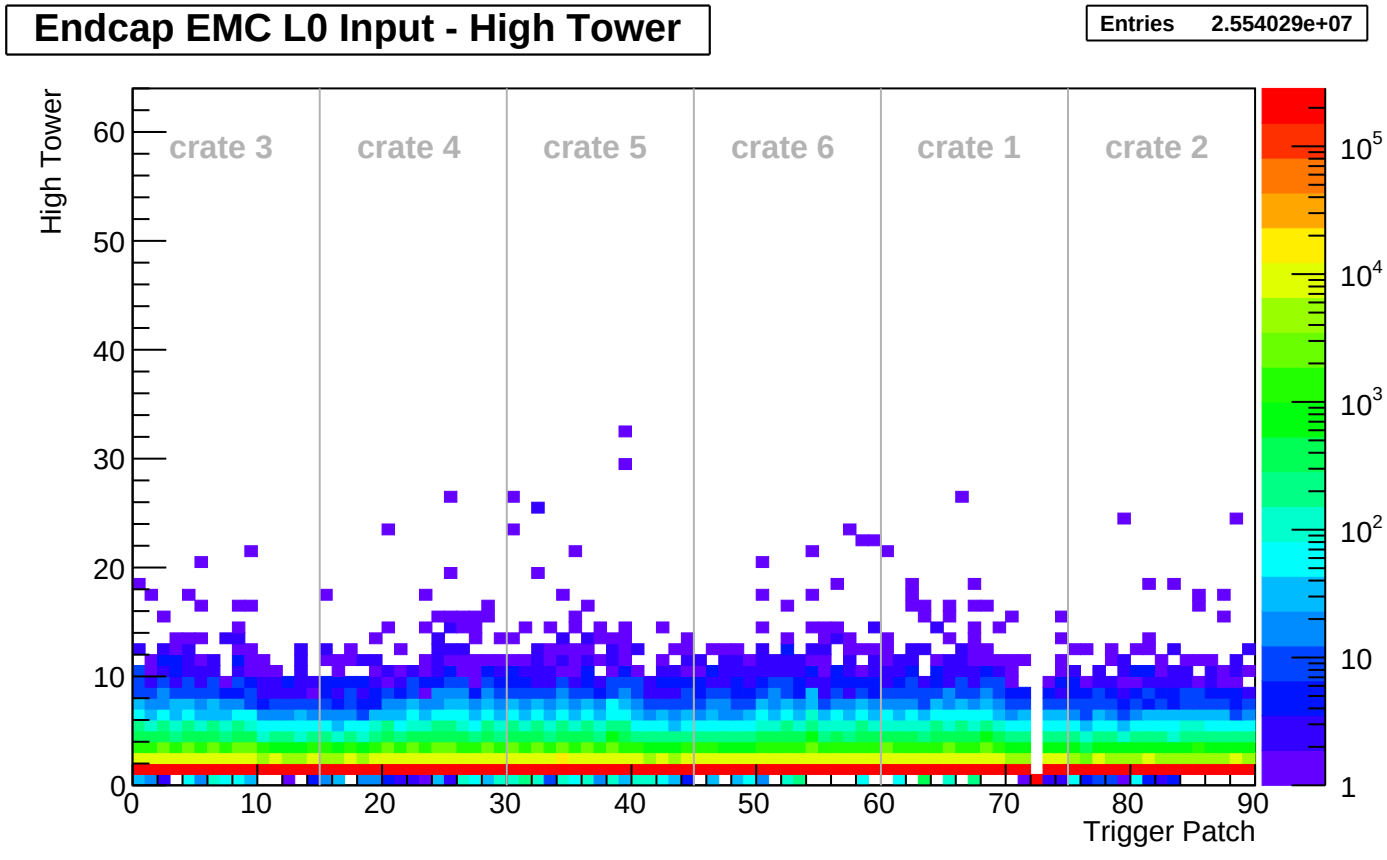
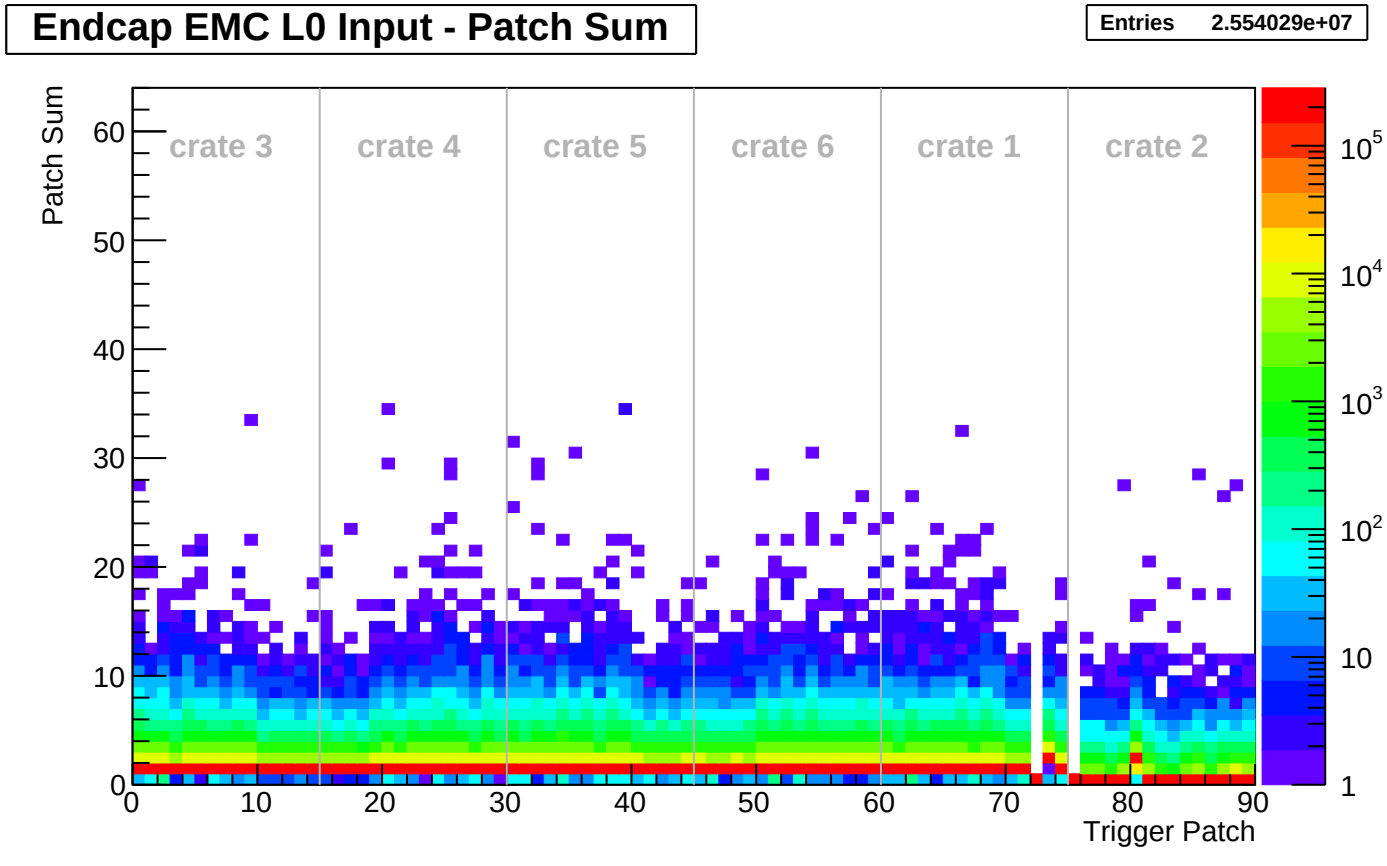
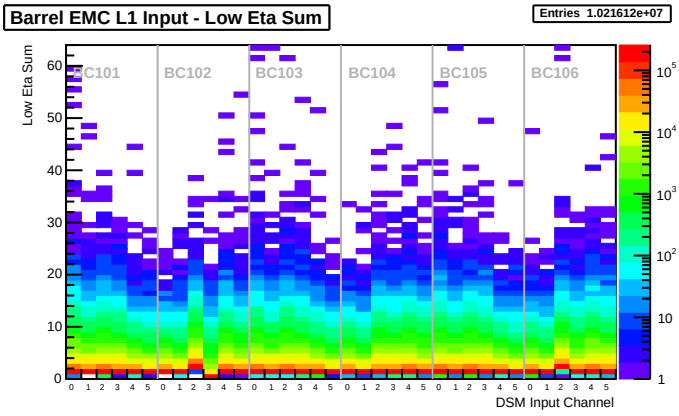
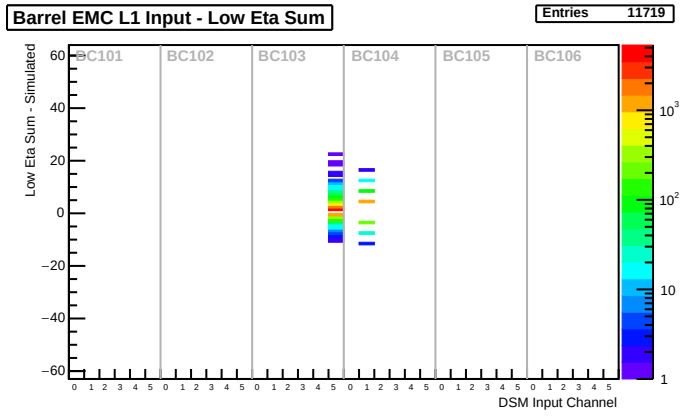

Barrel EMC L0 Input - High Tower
Entries 8.51343e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

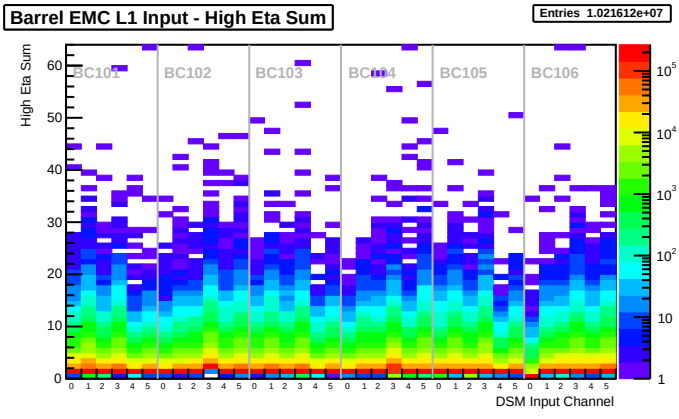

Barrel EMC L0 Input - Patch Sum
Entries 8.51343e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

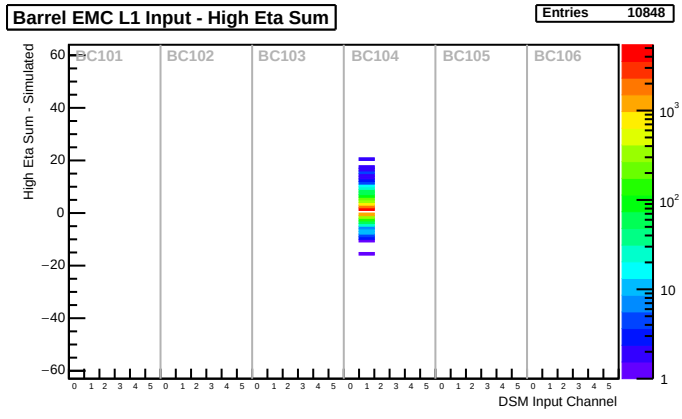

Endcap EMC L0 Input - High Tower
Entries 2.554029e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

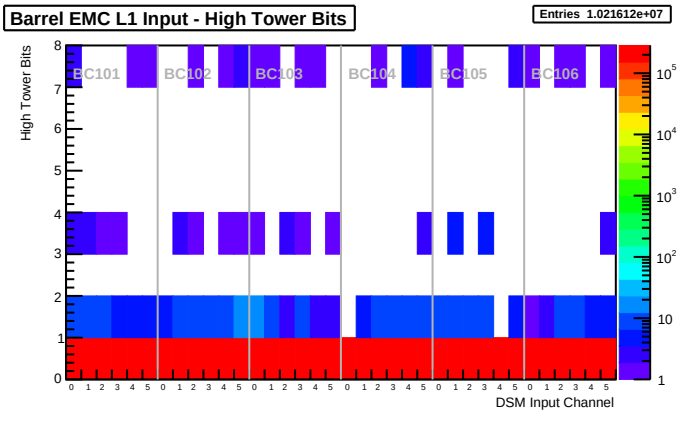

Endcap EMC L0 Input - Patch Sum
Entries 2.554029e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

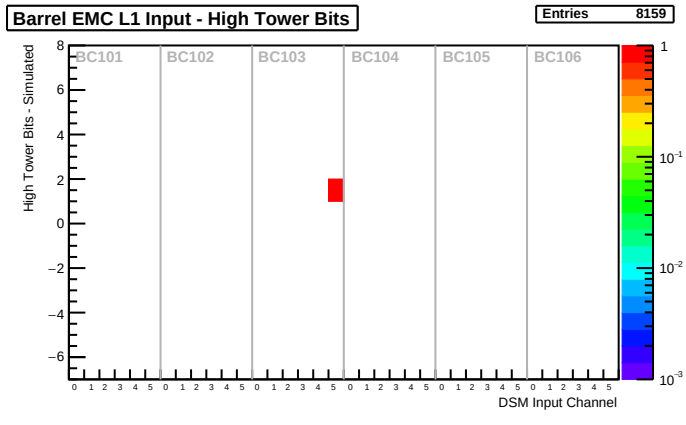

Barrel EMC L1 Input - Low Eta Sum
Entries 1.021612e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

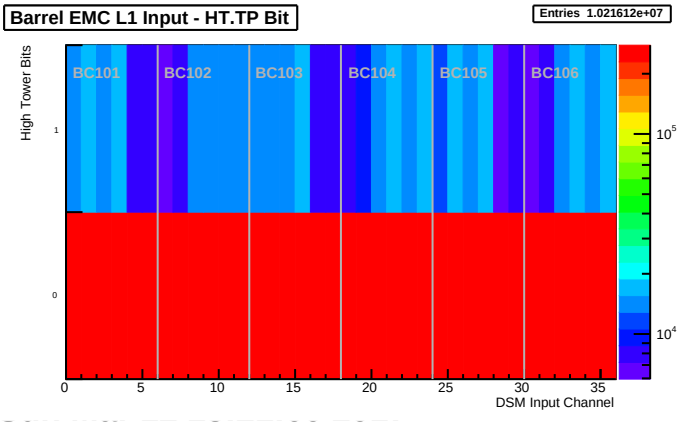

Barrel EMC L1 Input - Low Eta Sum
Entries 11719
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

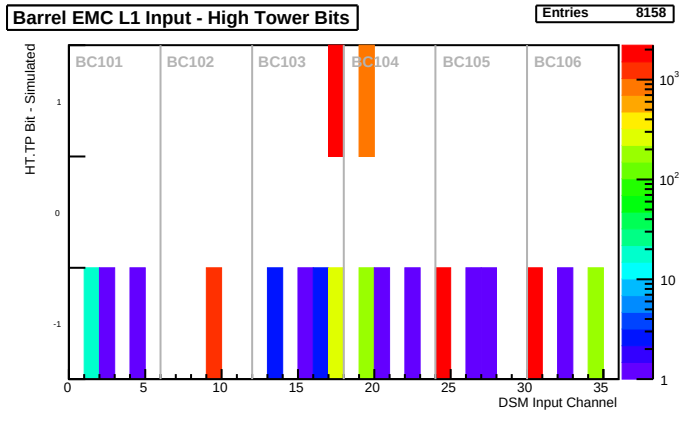

Barrel EMC L1 Input - High Eta Sum
Entries 1.021612e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

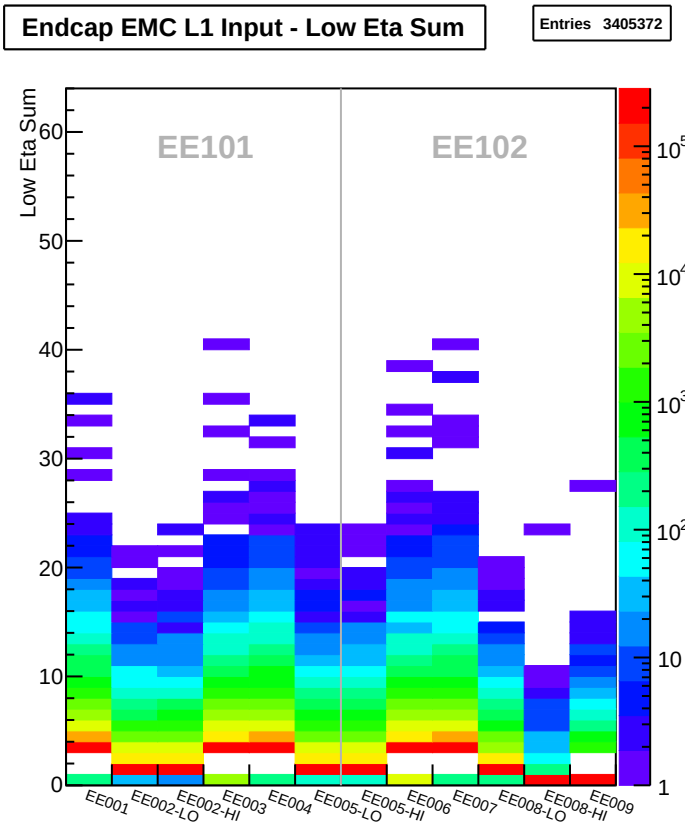

Barrel EMC L1 Input - High Eta Sum
Entries 10848
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

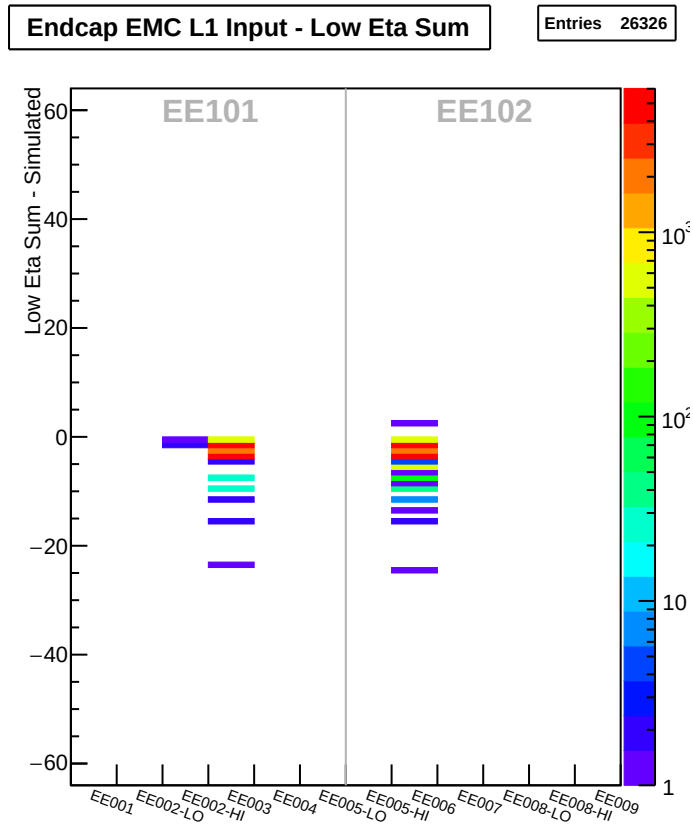

Barrel EMC L1 Input - High Tower Bits
Entries 1.021612e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

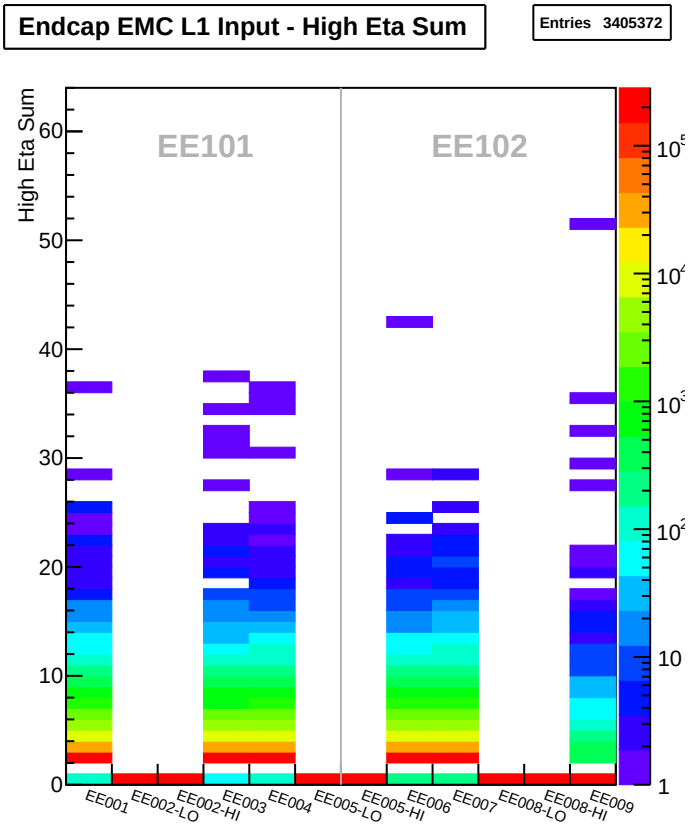

Barrel EMC L1 Input - High Tower Bits
Entries 8159
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

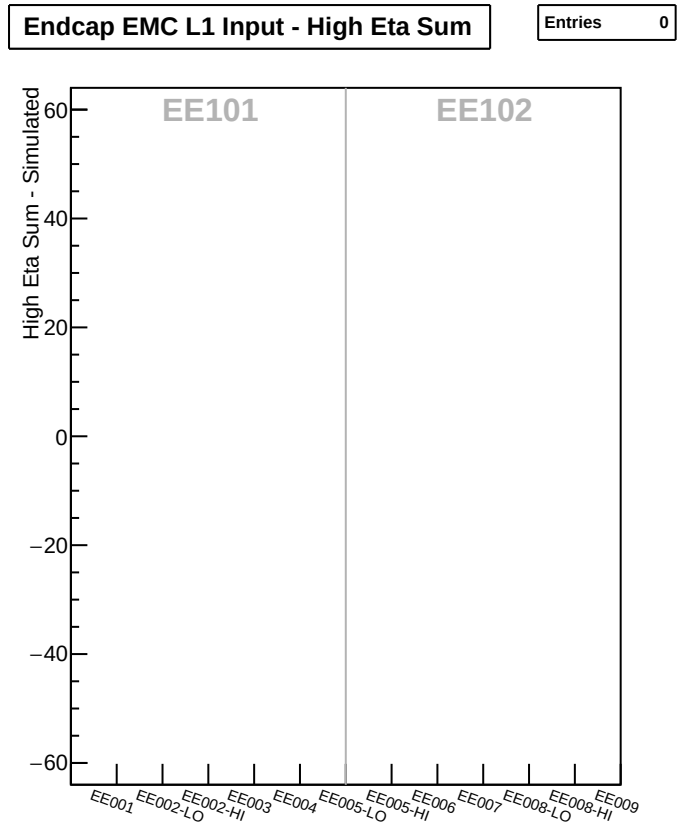

Barrel EMC L1 Input - HT.TP Bit
Entries 1.021612e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

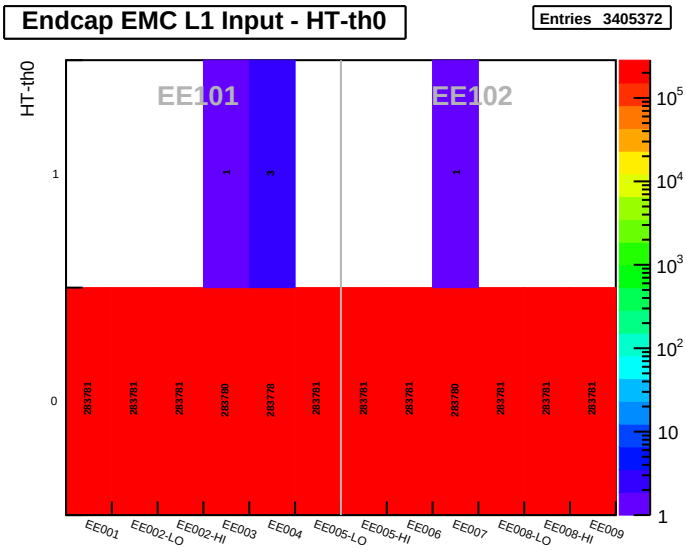

Barrel EMC L1 Input - High Tower Bits
Entries 8158
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

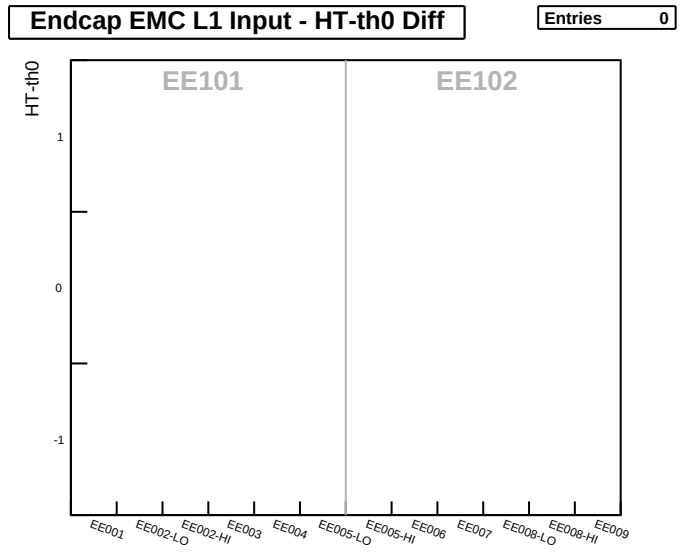

Endcap EMC L1 Input - Low Eta Sum
Entries 3405372
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

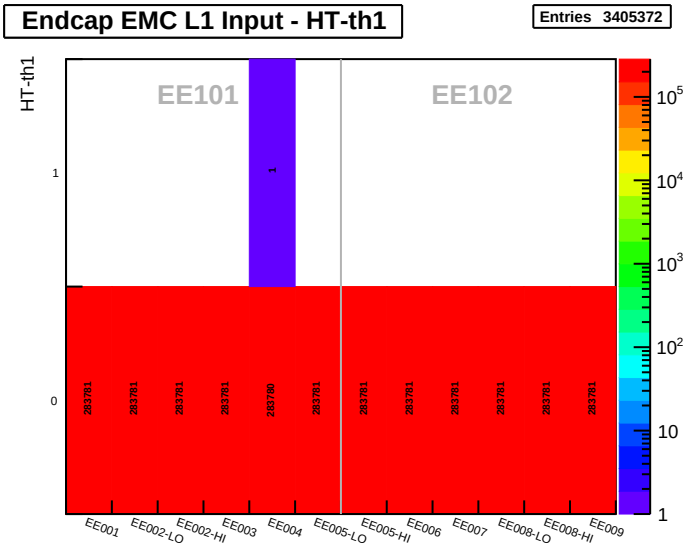

Endcap EMC L1 Input - Low Eta Sum
Entries 26326
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

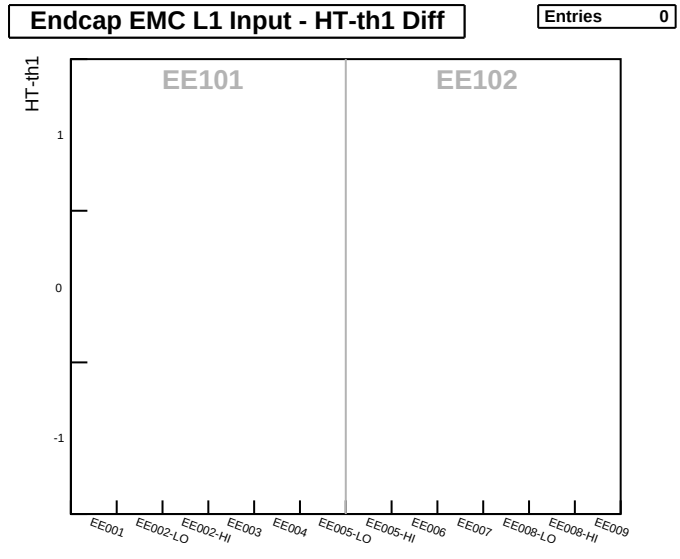

Endcap EMC L1 Input - High Eta Sum
Entries 3405372
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

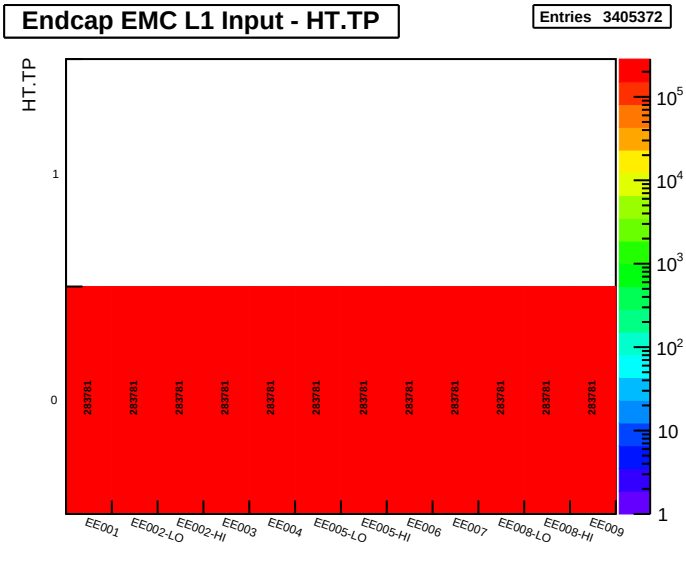

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

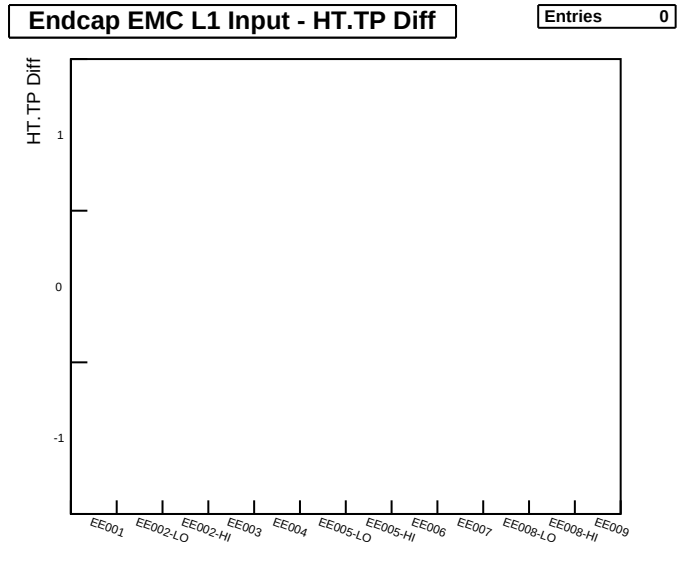

Endcap EMC L1 Input - HT-th0
Entries 3405372
HT-th0
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

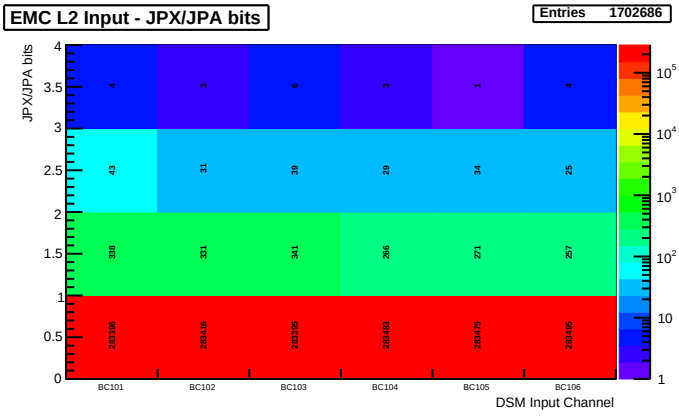

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

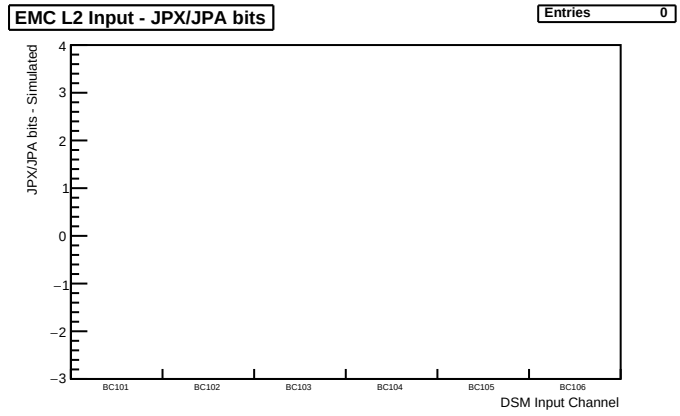

Endcap EMC L1 Input - HT-th1
Entries 3405372
HT-th1
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

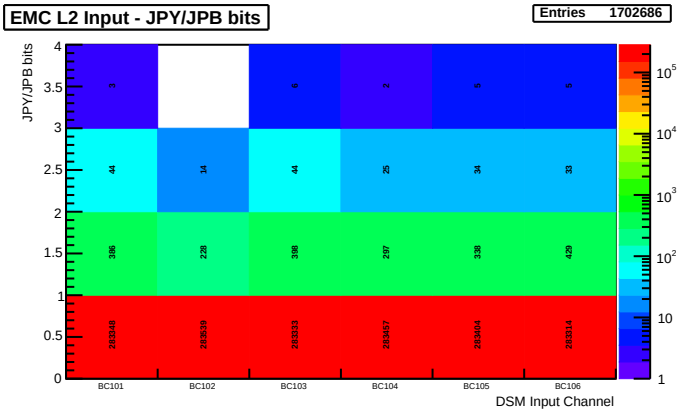

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

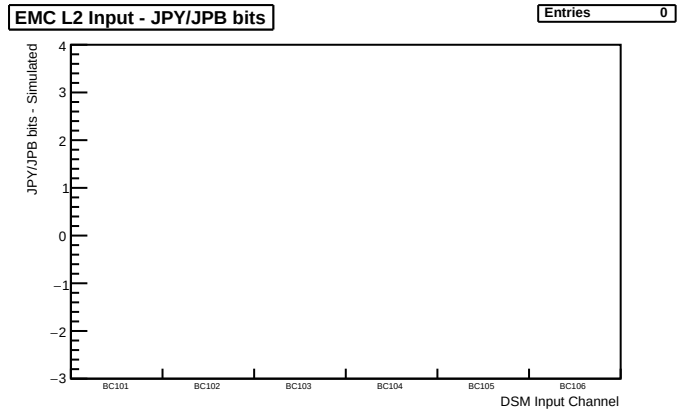

Endcap EMC L1 Input - HT.TP
Entries 3405372
HT.TP
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

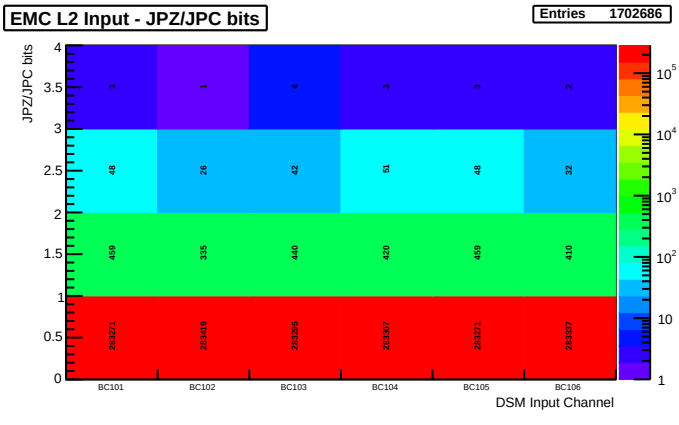

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

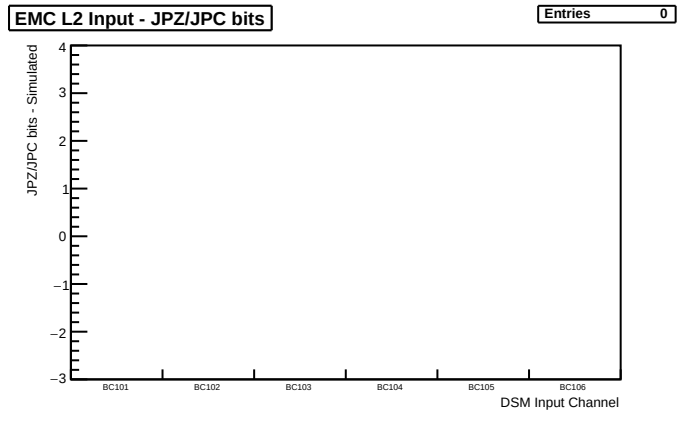

EMC L2 Input - JPX/JPA bits
Entries 1702686
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

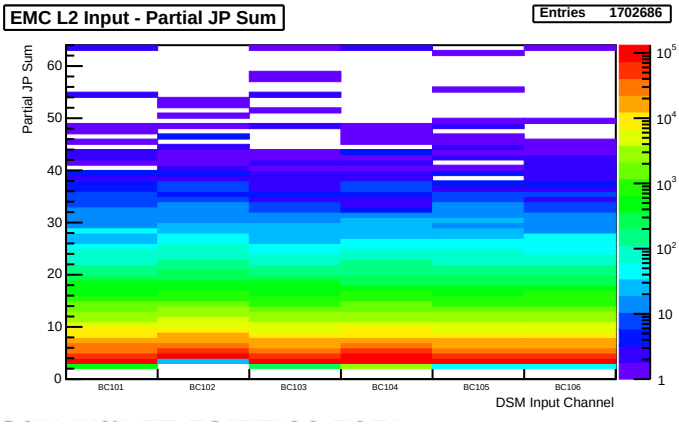

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

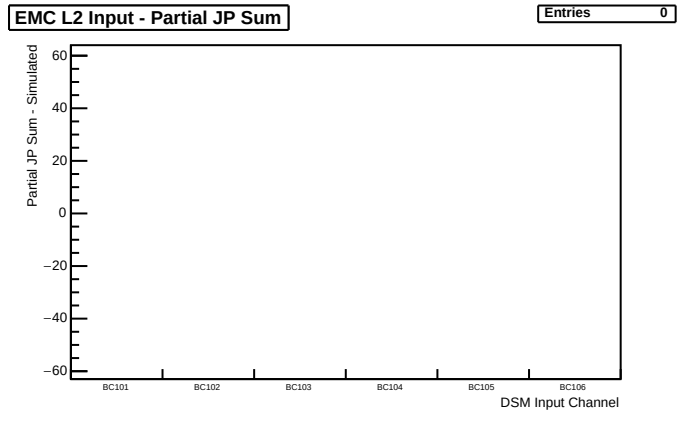

EMC L2 Input - JPY/JPB bits
Entries 1702686
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

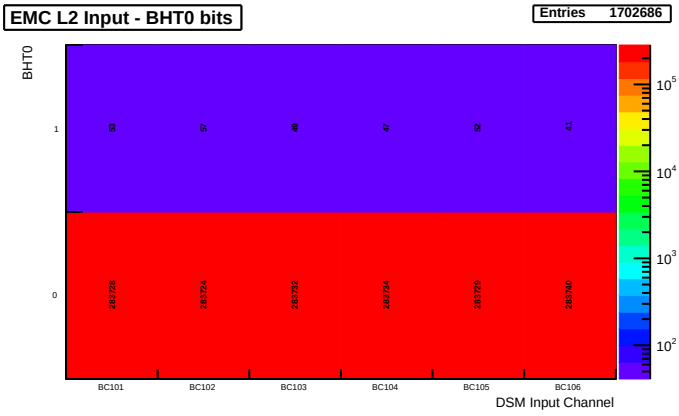

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

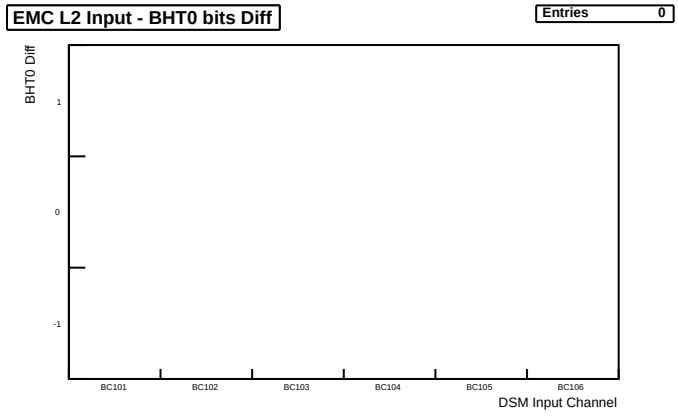

EMC L2 Input - JPZ/JPC bits
Entries 1702686
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

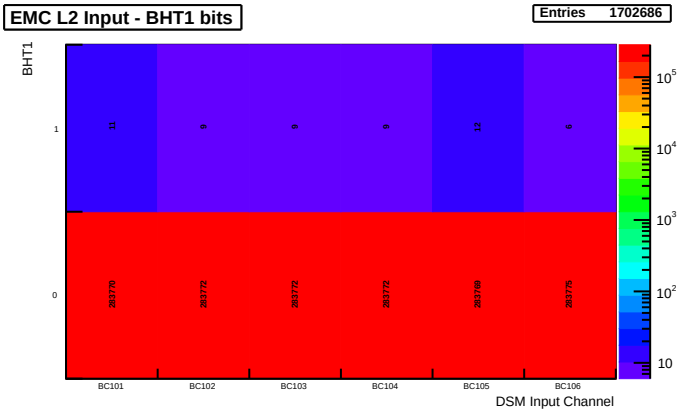

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

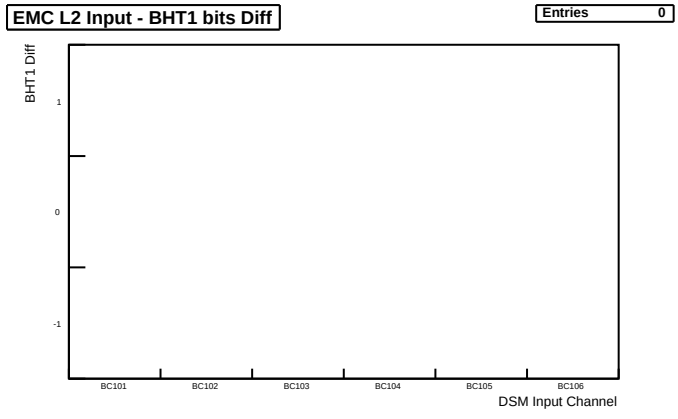

EMC L2 Input - Partial JP Sum
Entries 1702686
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

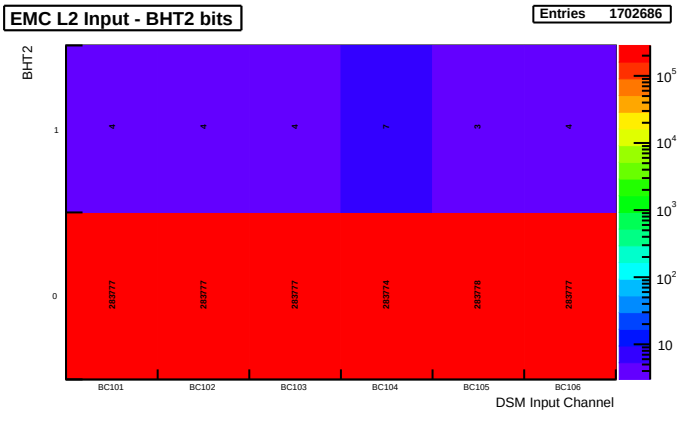

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

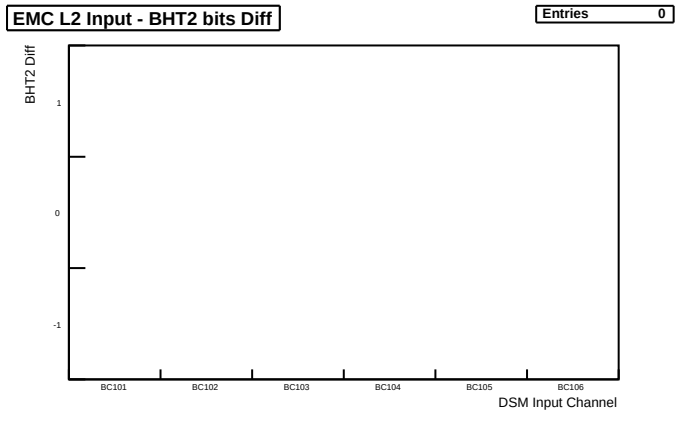

EMC L2 Input - BHT0 bits
Entries 1702686
BHT0
1
0
53
57
49
47
52
41
283728
283724
283732
283724
283729
283740
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$

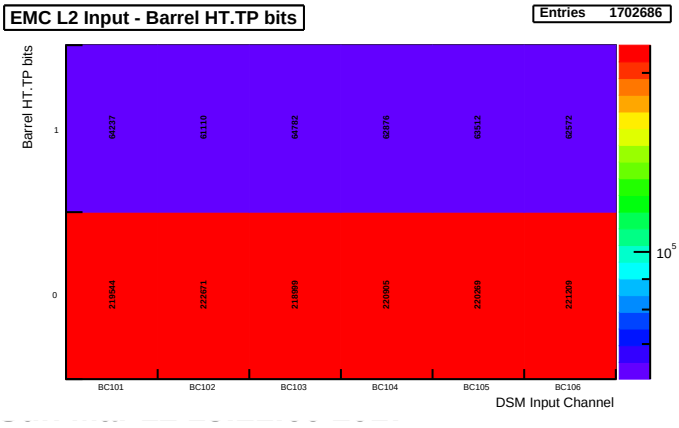

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

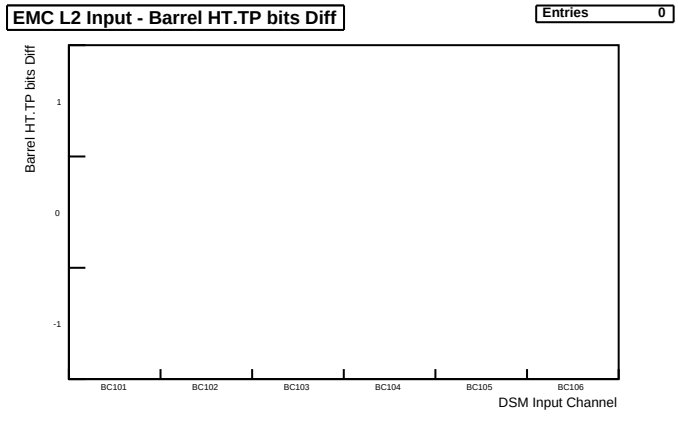

EMC L2 Input - BHT1 bits
Entries 1702686
BHT1
1
0
11
9
9
9
12
6
283770
283772
283772
283772
283769
283775
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$
10

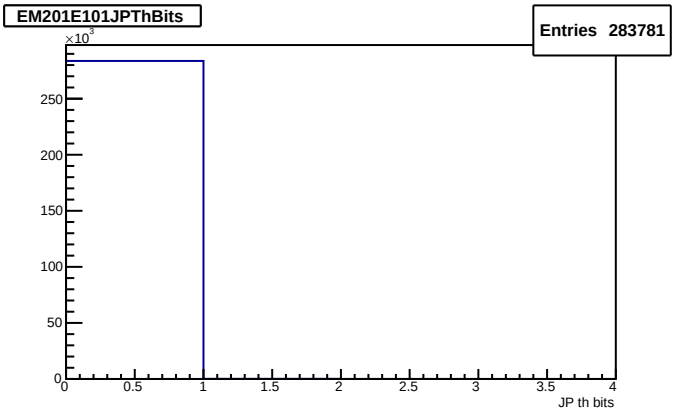

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

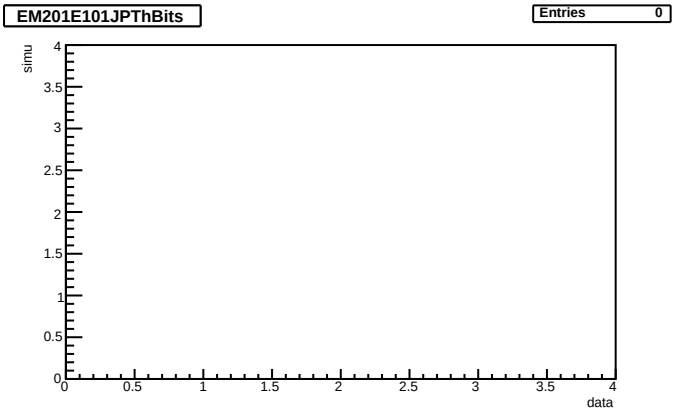

EMC L2 Input - BHT2 bits
Entries 1702686
BHT2
1
0
4
4
4
7
3
4
283777
283777
283777
283774
283778
283777
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$
$10^4$
$10^3$
$10^2$
10

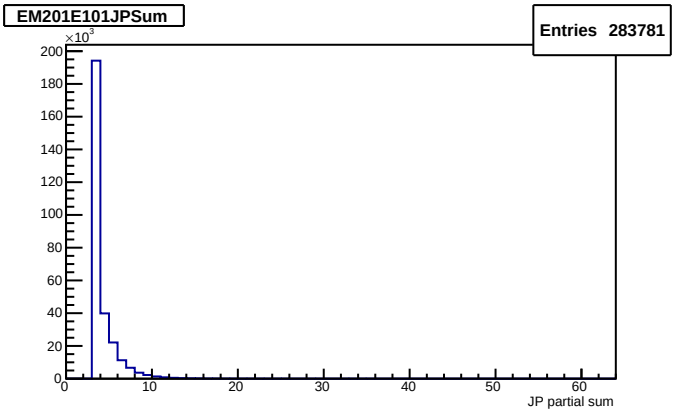

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

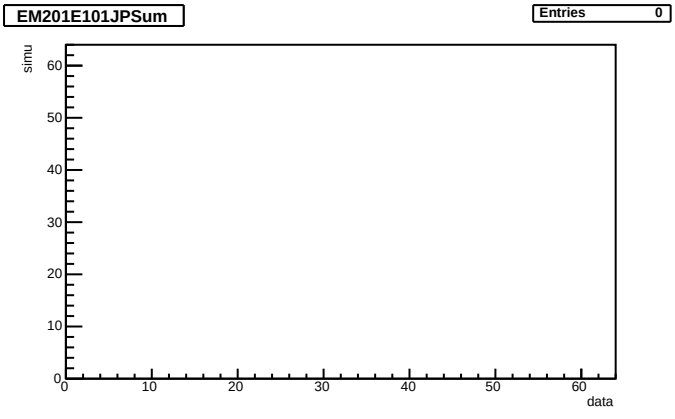

EMC L2 Input - Barrel HT.TP bits
Entries 1702686
Barrel HT.TP bits
1
0
64237
61110
64762
62876
63512
62572
219944
220671
218999
220905
220259
221309
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
$10^5$

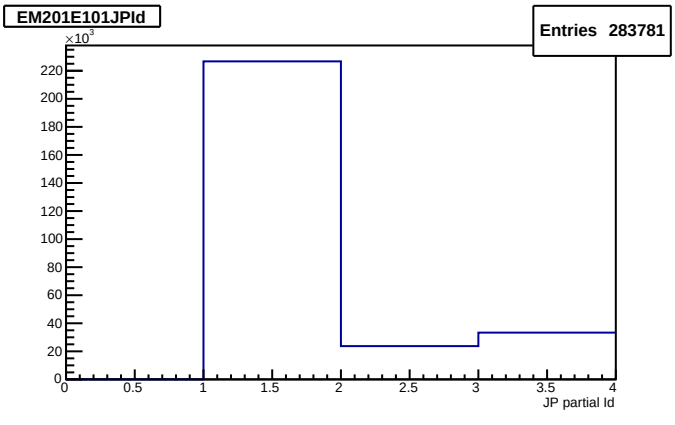

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

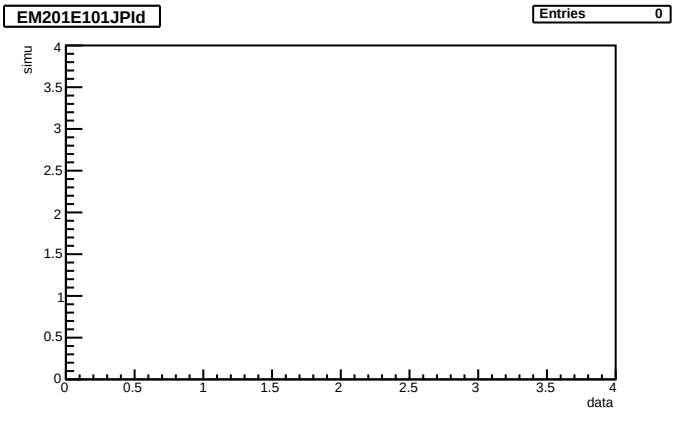

EM201E101JPThBits
Entries 283781
JP th bits

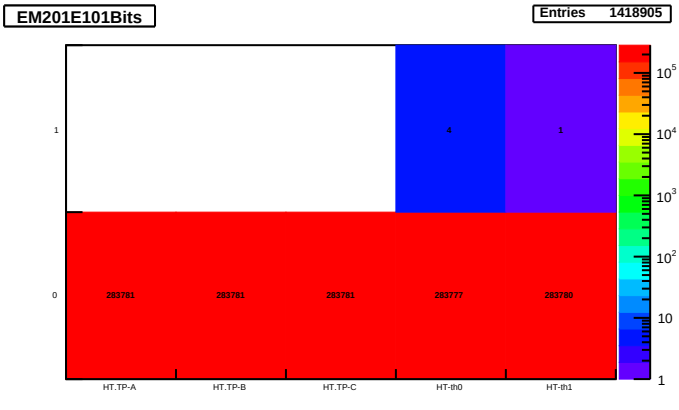

EM201E101JPThBits
Entries 0
simu
data

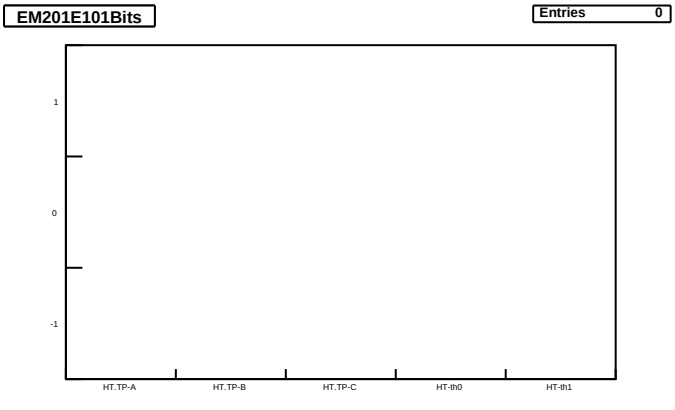

EM201E101JPSum
Entries 283781
JP partial sum

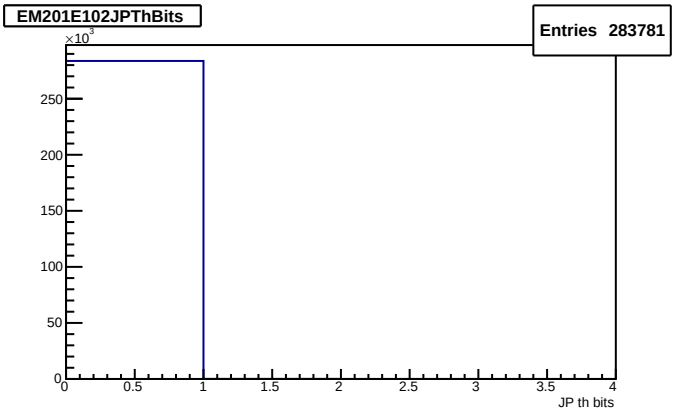

EM201E101JPSum
Entries 0
simu
data

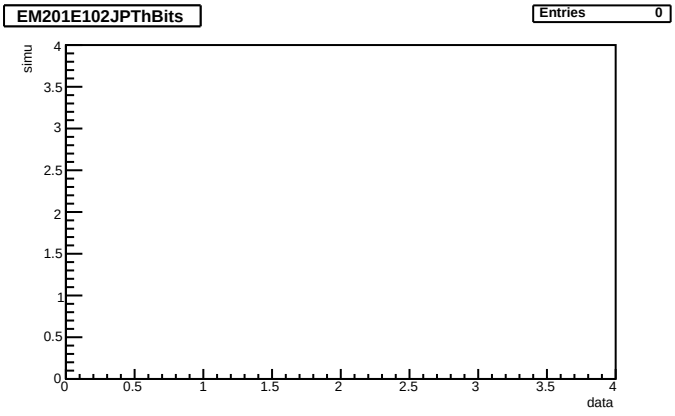

EM201E101JPId
Entries 283781
JP partial Id

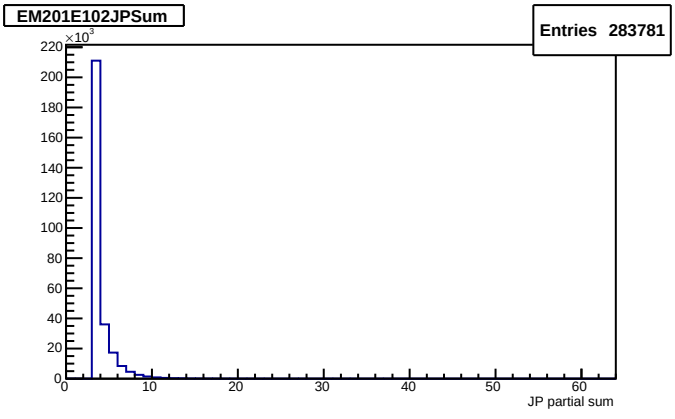

EM201E101JPId
Entries 0
simu
data

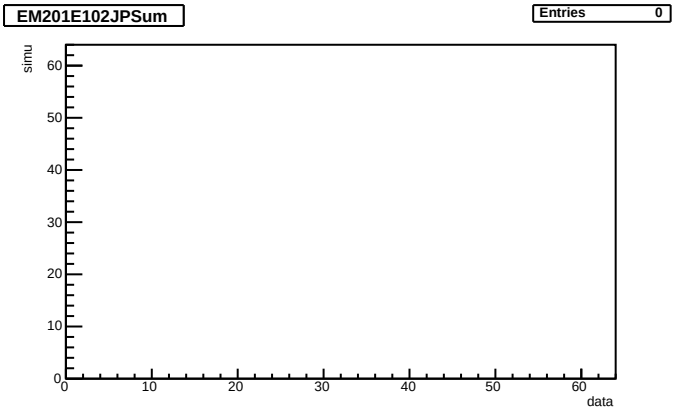

EM201E101Bits
Entries 1418905
4
1
283781
283781
283781
283777
283780
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

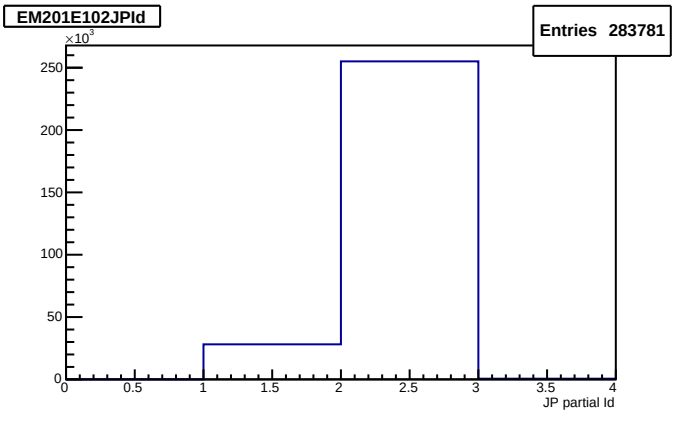

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

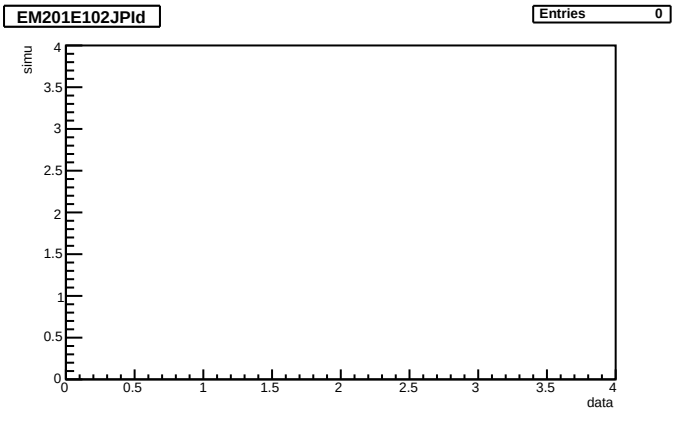

EM201E102JPThBits
Entries 283781
JP th bits

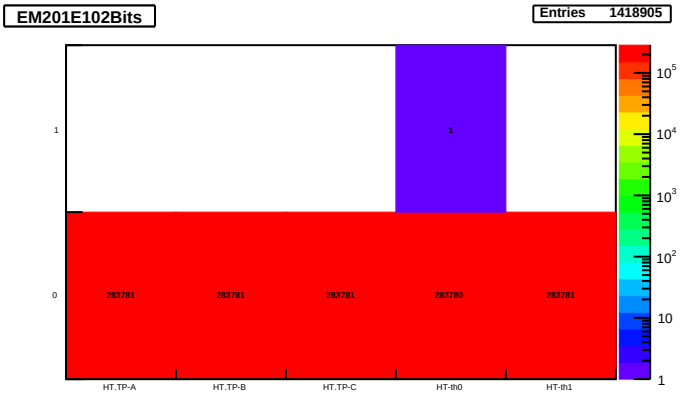

EM201E102JPThBits
Entries 0
simu
data

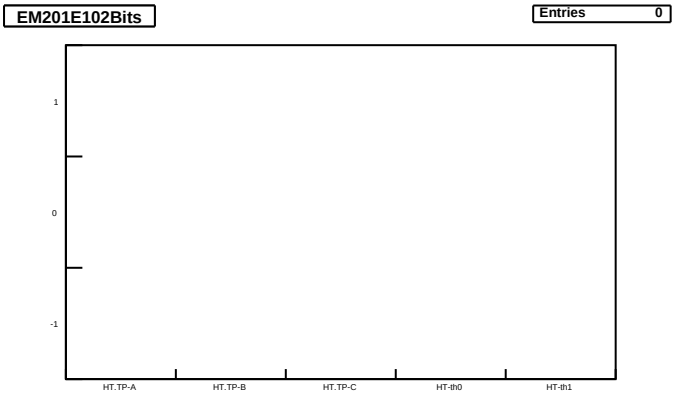

EM201E102JPSum
Entries 283781
JP partial sum

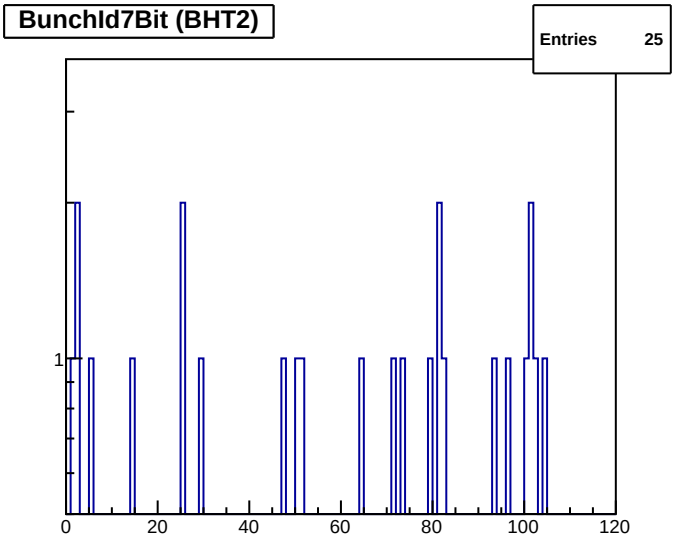

EM201E102JPSum
Entries 0
simu
data

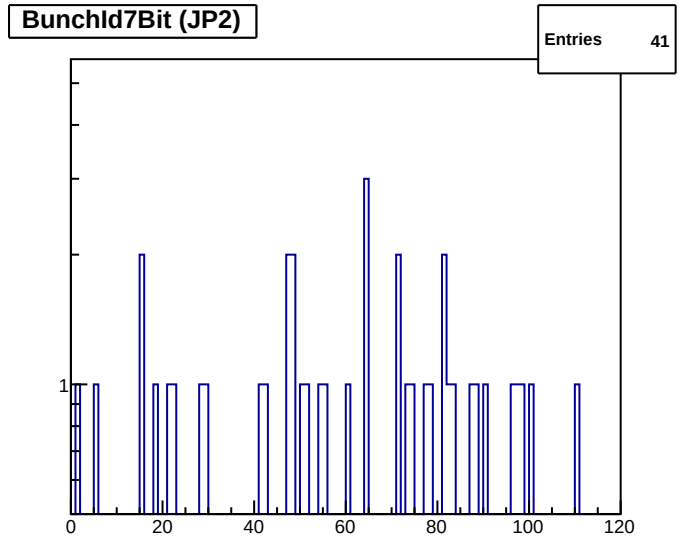

EM201E102JPId
Entries 283781
JP partial Id

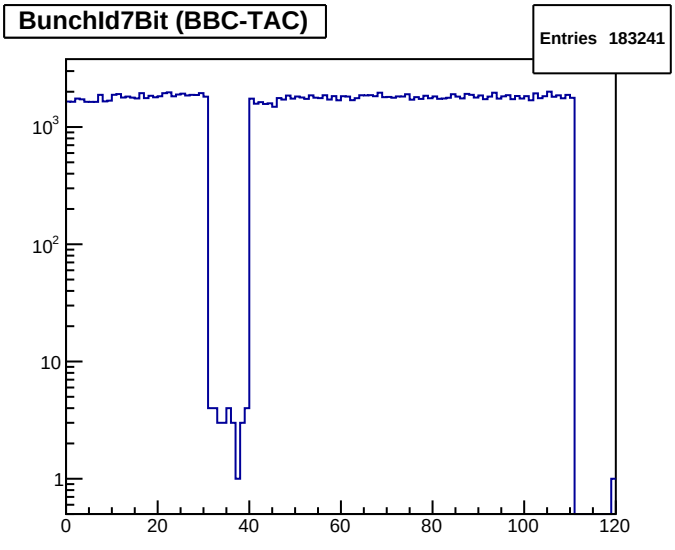

EM201E102JPId
Entries 0
simu
data

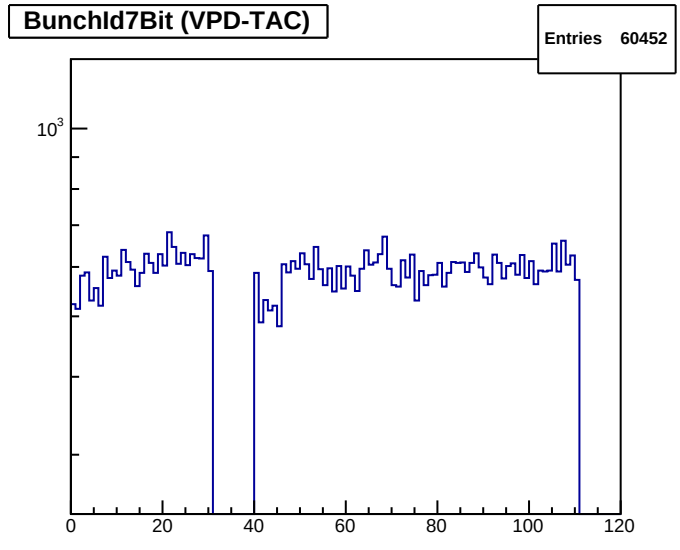

EM201E102Bits
Entries 1418905
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

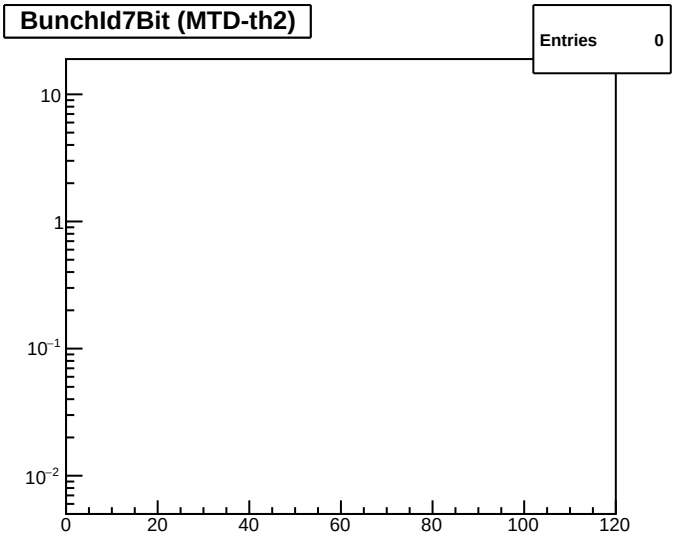

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

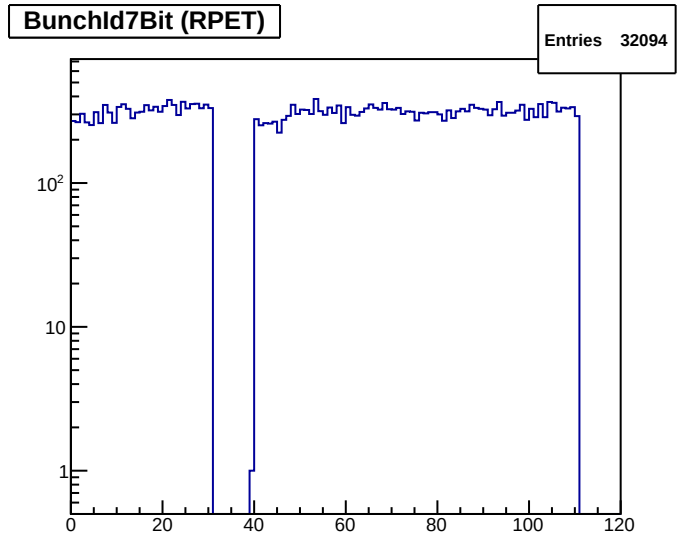

BunchId7Bit (BHT2)
Entries 25
1
0 20 40 60 80 100 120

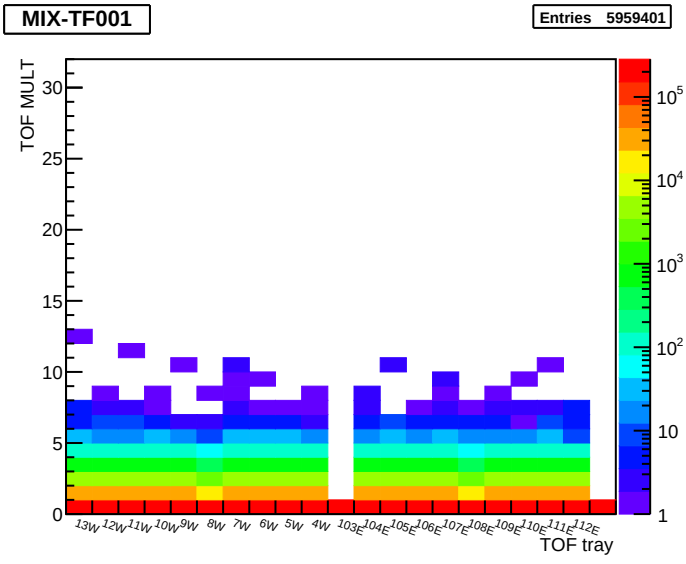

BunchId7Bit (JP2)
Entries 41
1
0 20 40 60 80 100 120

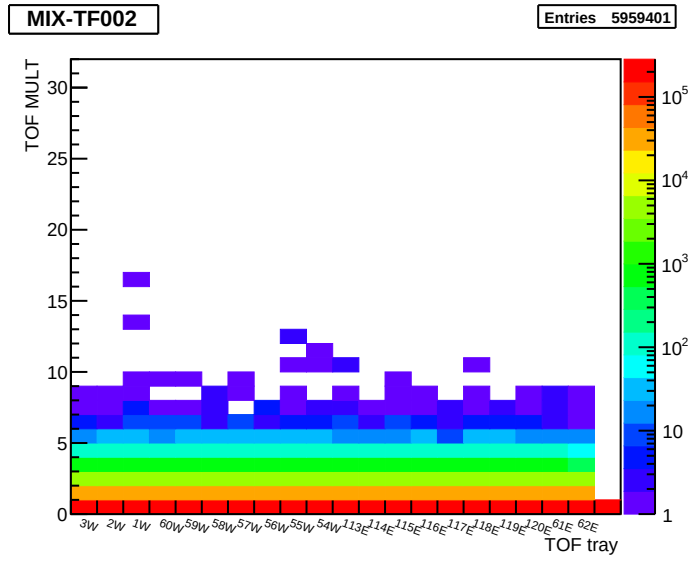

BunchId7Bit (BBC-TAC)
Entries 183241
$10^3$
$10^2$
10
1
0 20 40 60 80 100 120

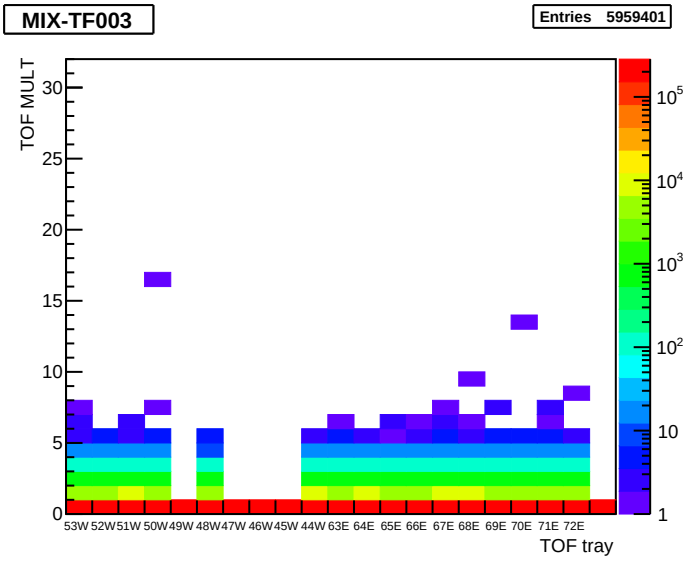

BunchId7Bit (VPD-TAC)
Entries 60452
$10^3$
0 20 40 60 80 100 120

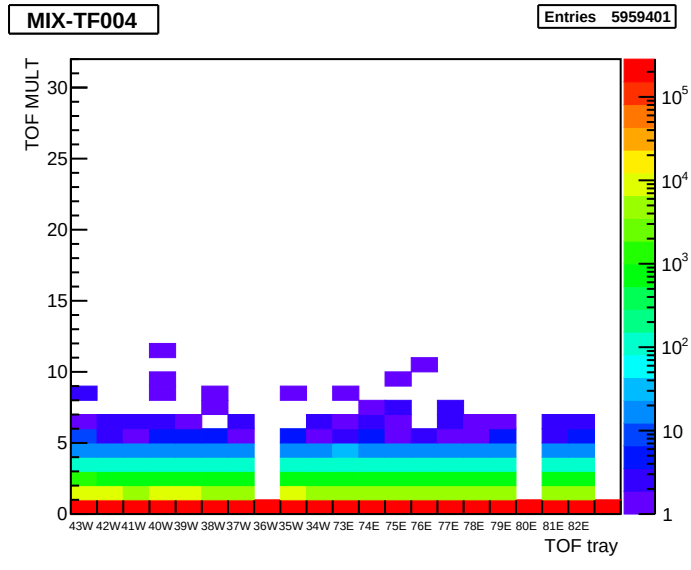

BunchId7Bit (MTD-th2)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0 20 40 60 80 100 120

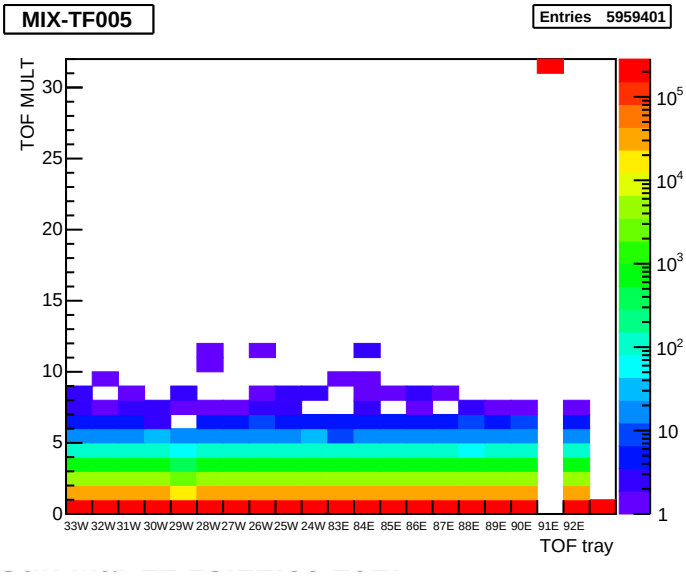

BunchId7Bit (RPET)
Entries 32094
$10^2$
10
1
0 20 40 60 80 100 120

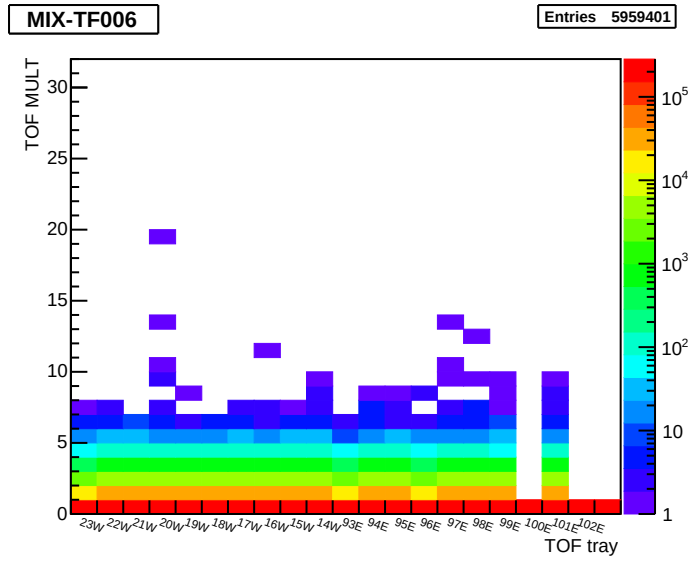

MIX-TF001
Entries 5959401
TOF MULT
TOF tray

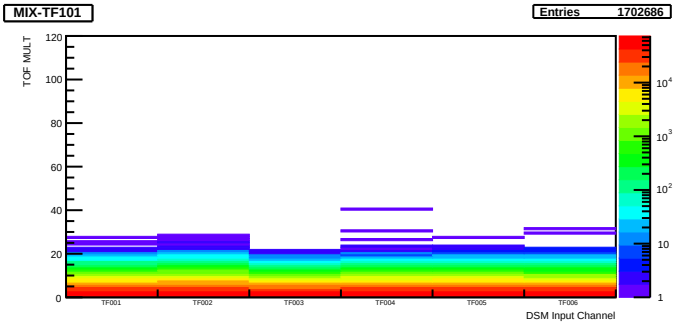

MIX-TF002
Entries 5959401
TOF MULT
TOF tray

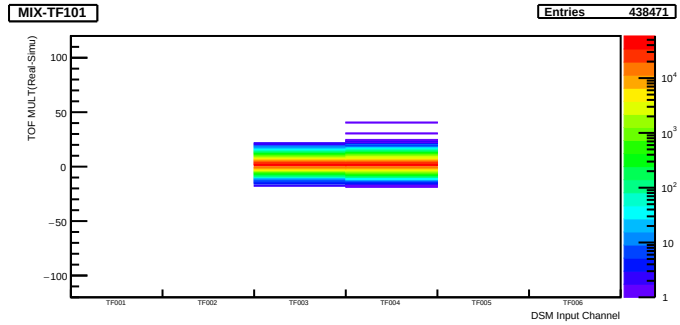

MIX-TF003
Entries 5959401
TOF MULT
TOF tray

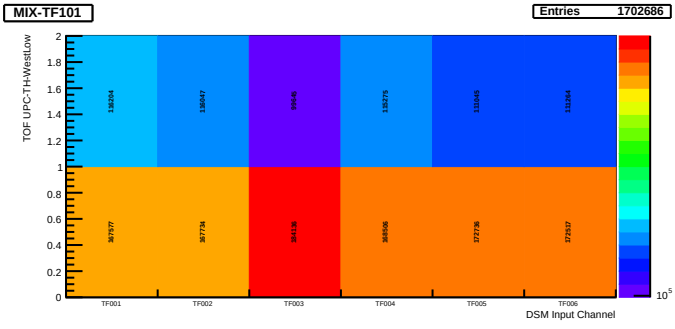

MIX-TF004
Entries 5959401
TOF MULT
TOF tray

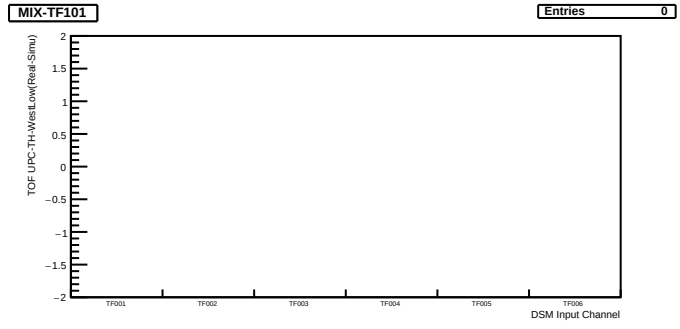

MIX-TF005
Entries 5959401
TOF MULT
TOF tray

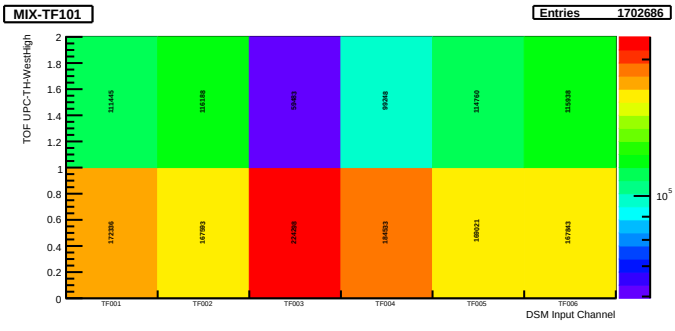

MIX-TF006
Entries 5959401
TOF MULT
TOF tray

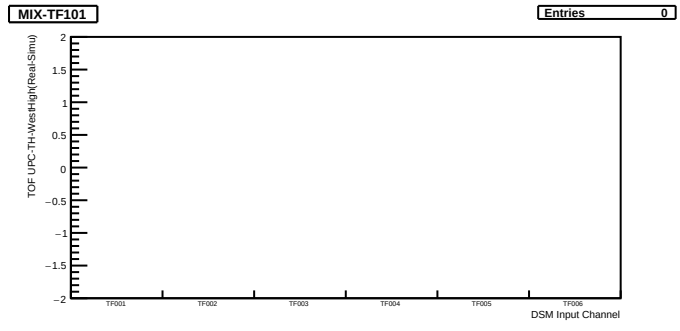

MIX-TF101
Entries 1702686
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

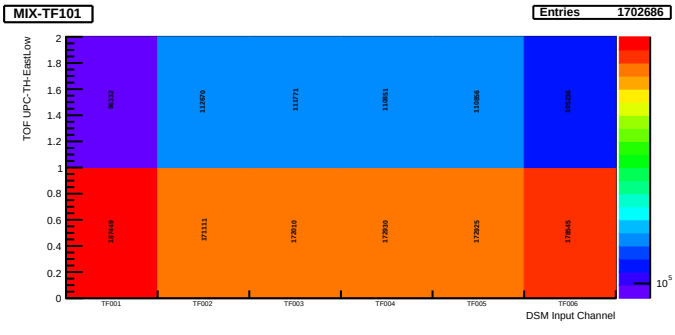

MIX-TF101
Entries 438471
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

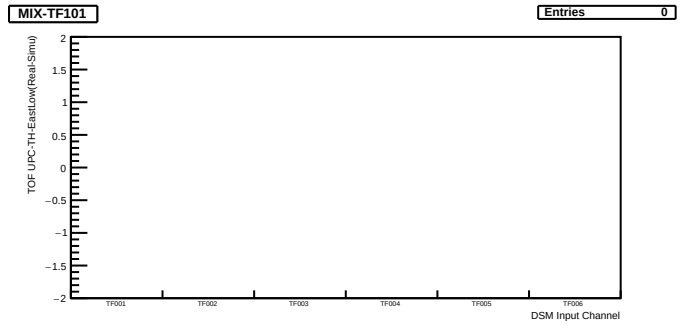

MIX-TF101
Entries 1702686
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

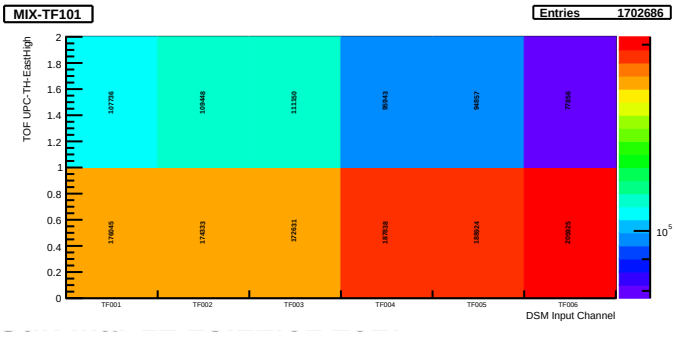

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

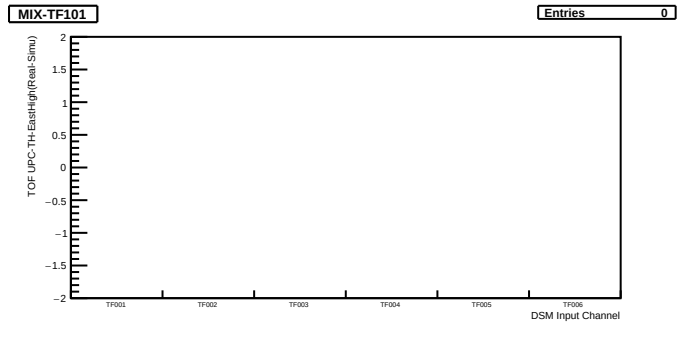

MIX-TF101
Entries 1702686
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

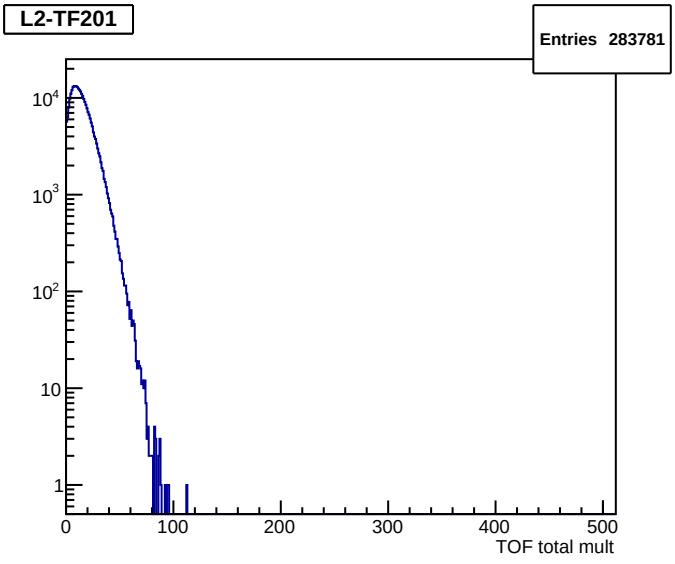

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

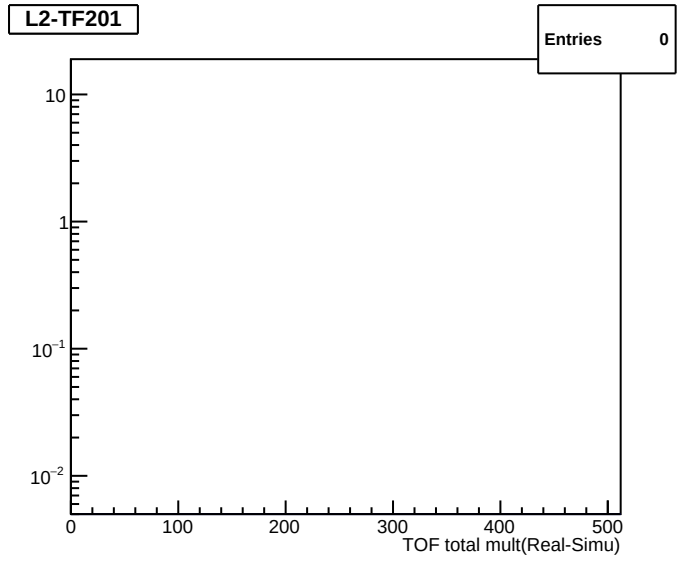

MIX-TF101
Entries 1702686
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

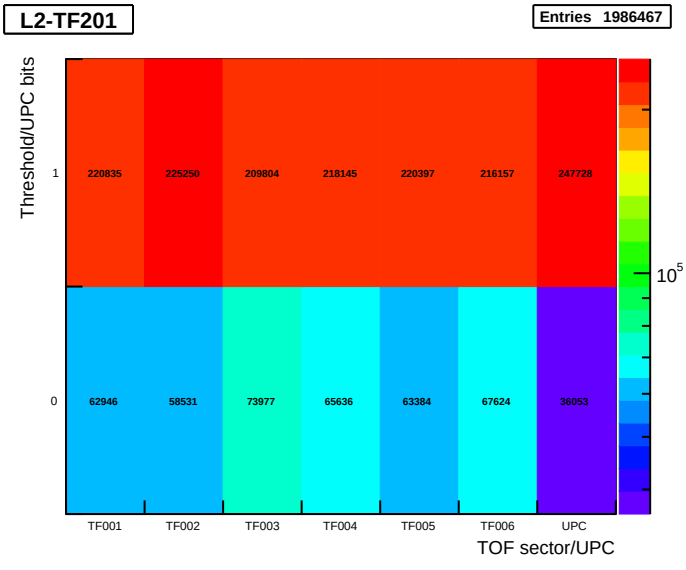

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

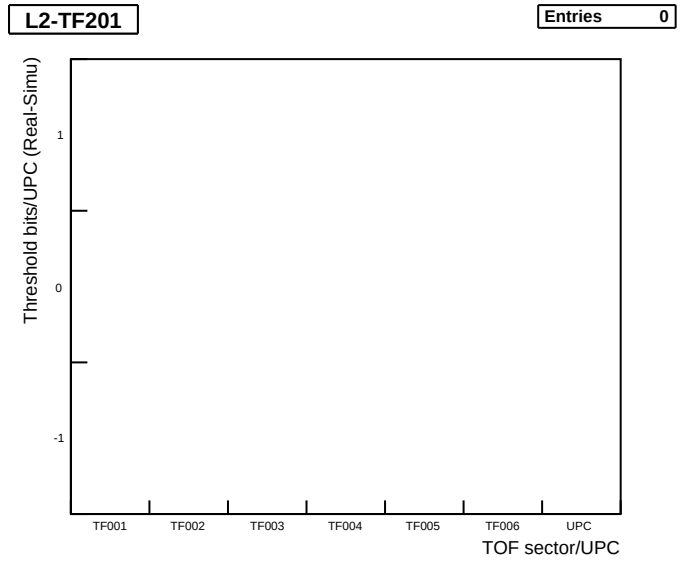

MIX-TF101
Entries 1702686
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

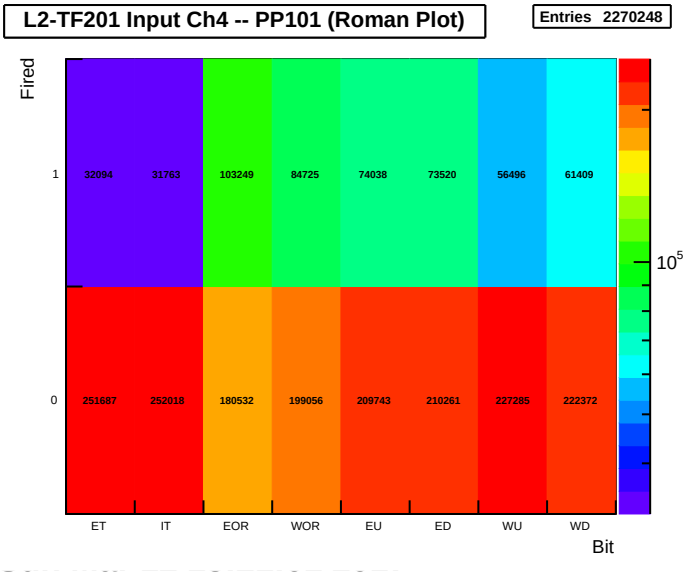

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

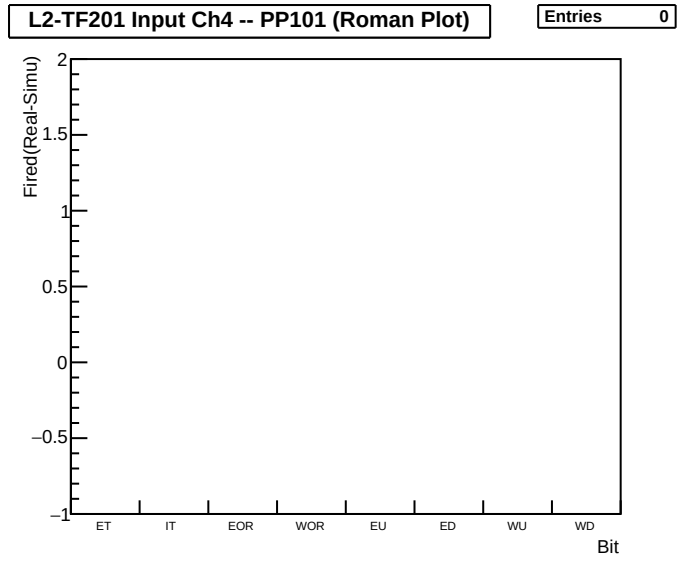

L2-TF201
Entries 283781
TOF total mult

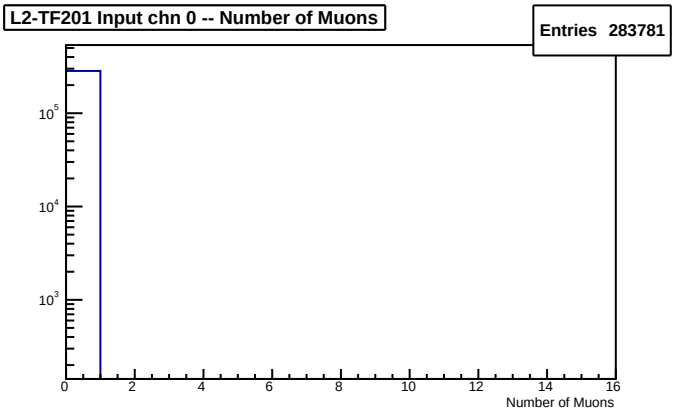

L2-TF201
Entries 0
TOF total mult(Real-Simu)

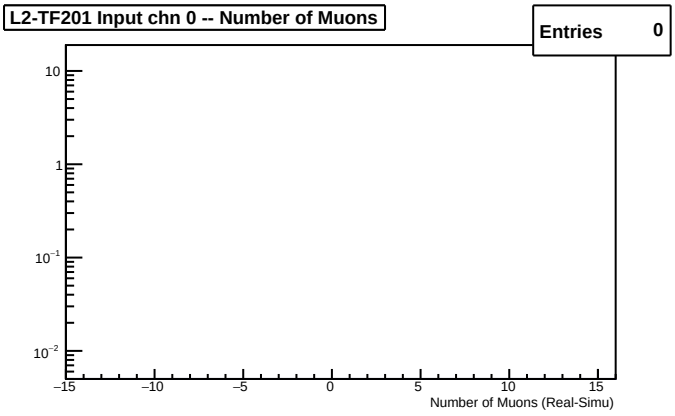

L2-TF201
Entries 1986467
Threshold/UPC bits
220835
225250
209804
218145
220397
216157
247728
62946
58531
73977
65636
63384
67624
36053
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

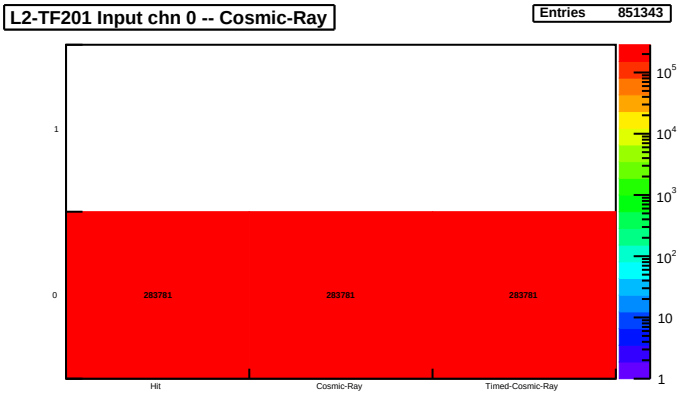

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

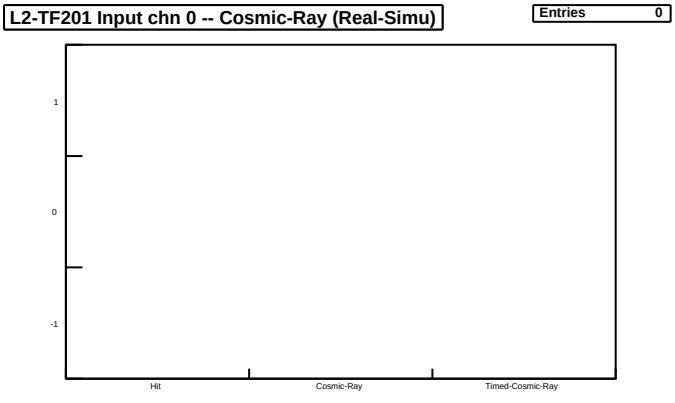

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2270248
Fired
32094
31763
103249
84725
74038
73520
56496
61409
251687
252018
180532
199056
209743
210261
227285
222372
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

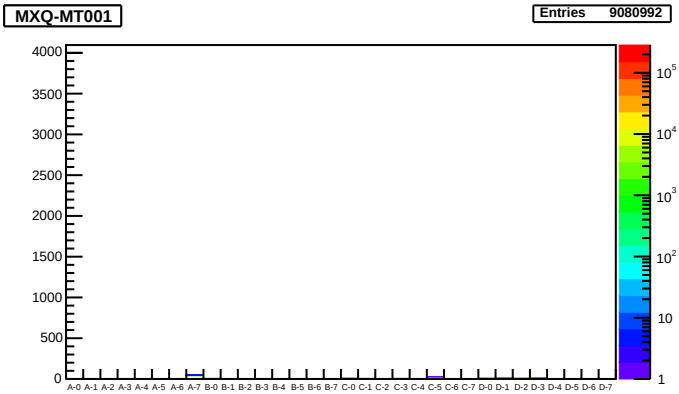

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

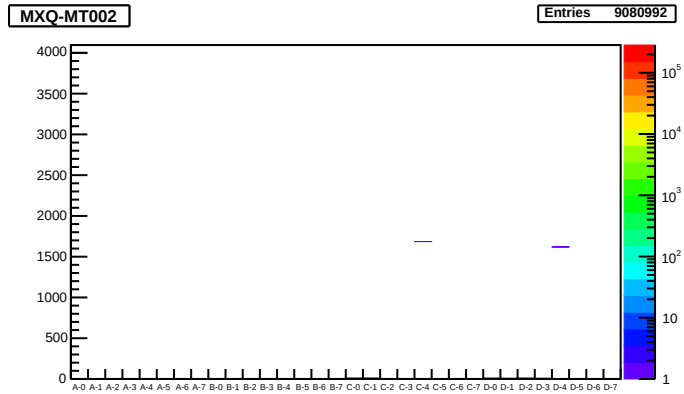

L2-TF201 Input chn 0 -- Number of Muons
Entries 283781
Number of Muons

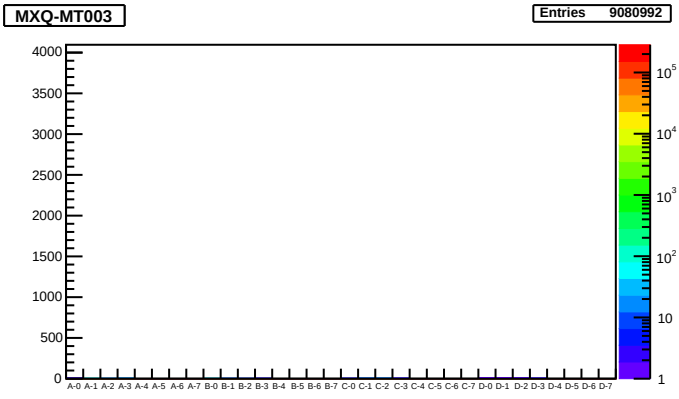

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

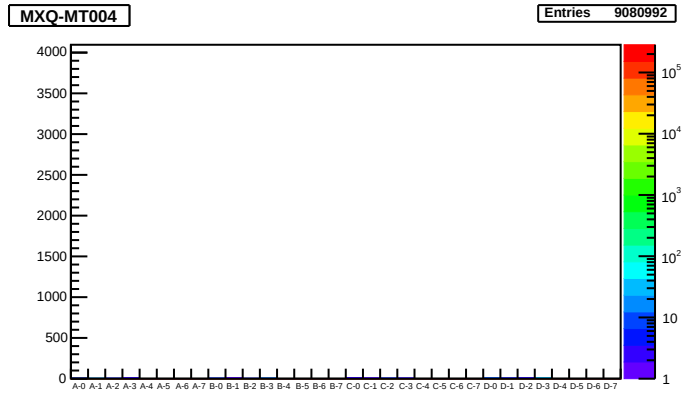

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 851343
283781
283781
283781
Hit
Cosmic-Ray
Timed-Cosmic-Ray

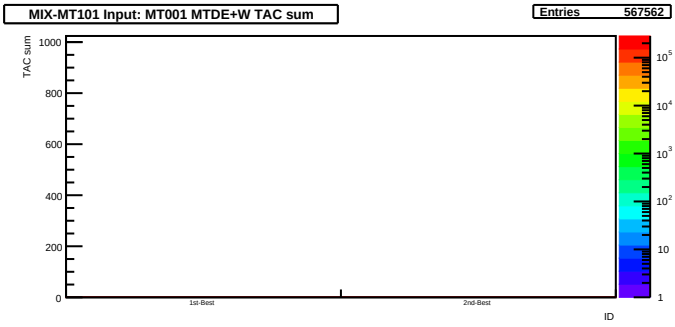

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

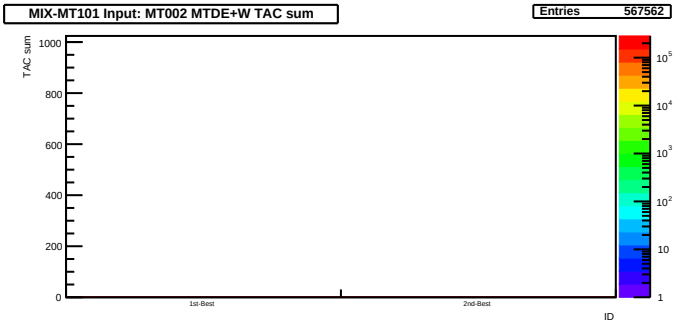

MXQ-MT001
Entries 9080992
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

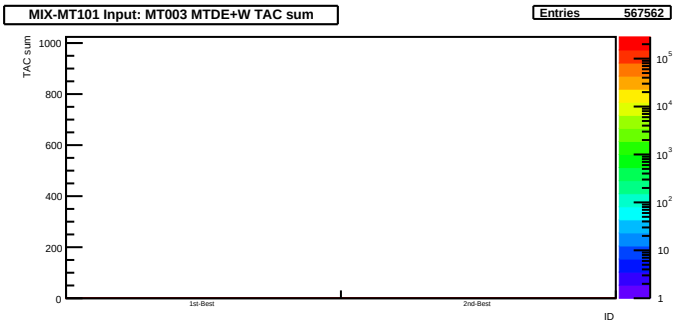

MXQ-MT002
Entries 9080992
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

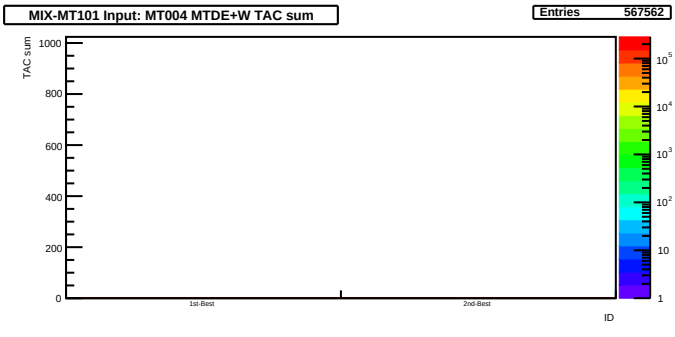

MXQ-MT003
Entries 9080992
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

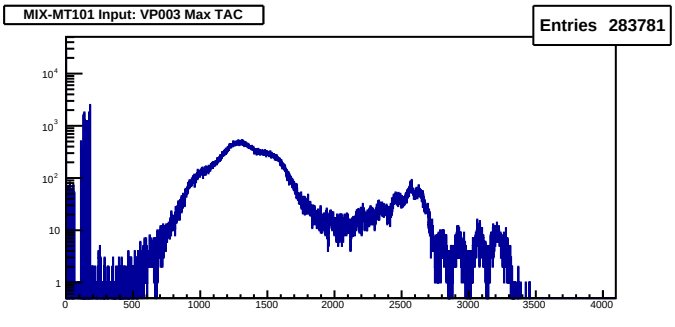

MXQ-MT004
Entries 9080992
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

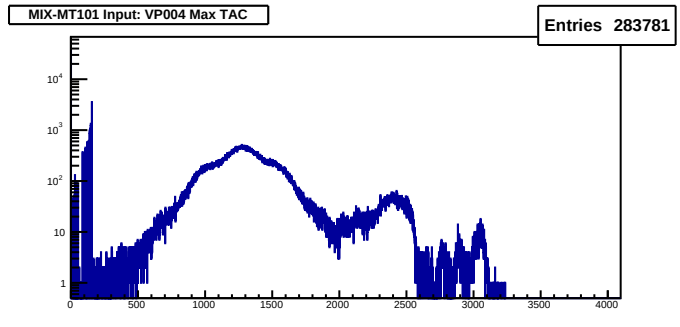

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 567562
TAC sum
1st-Best
2nd-Best
ID

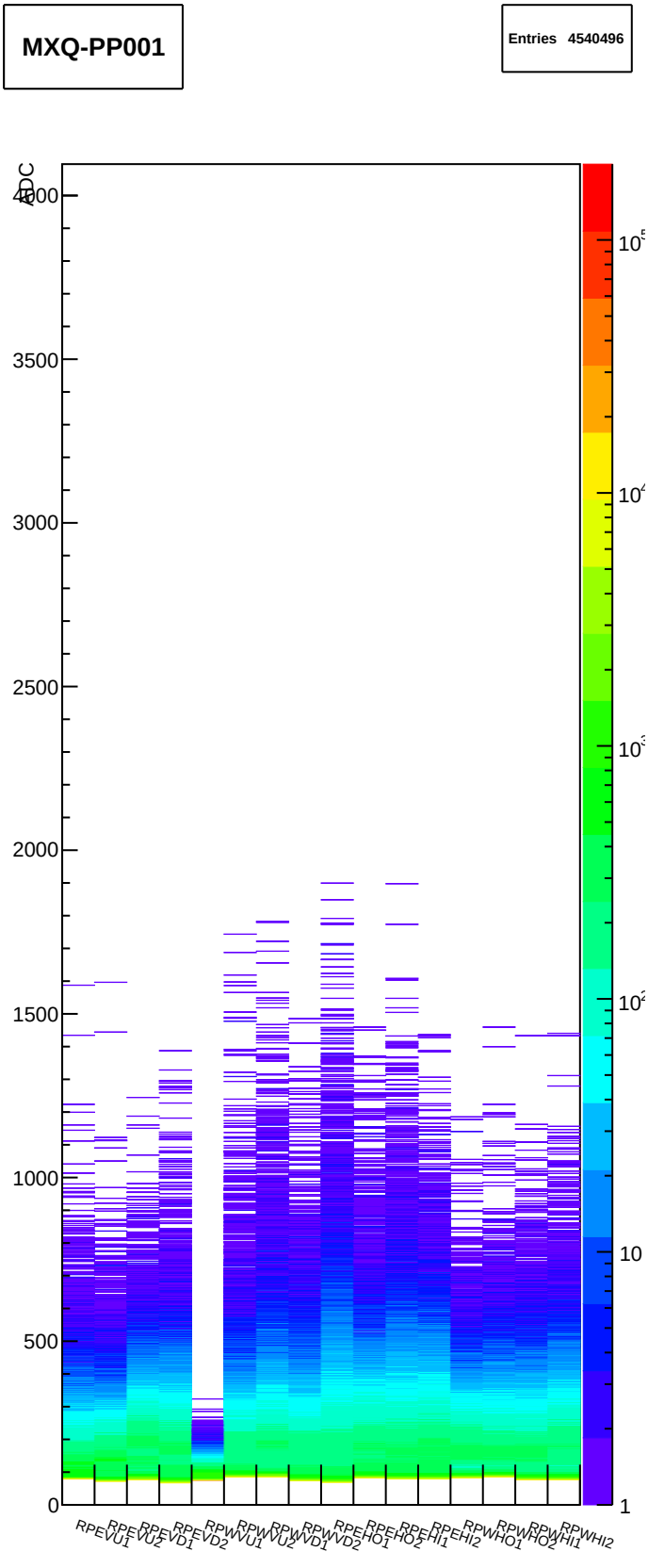

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 567562
TAC sum
1st-Best
2nd-Best
ID

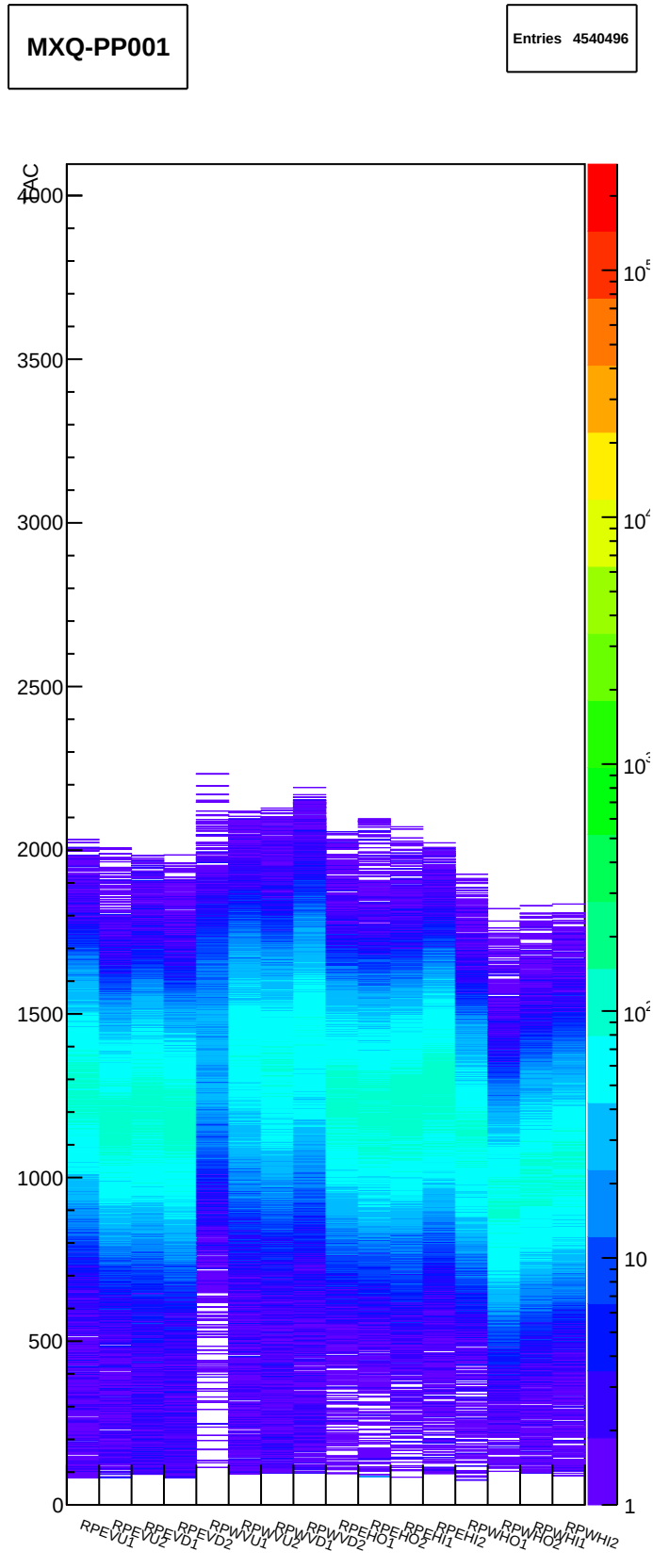

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 567562
TAC sum
1st-Best
2nd-Best
ID

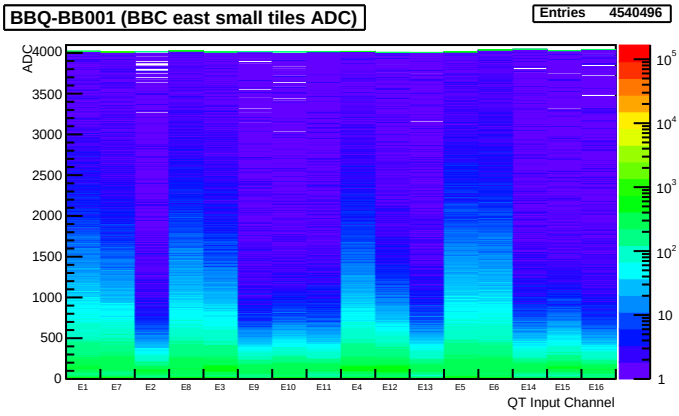

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 567562
TAC sum
1st-Best
2nd-Best
ID

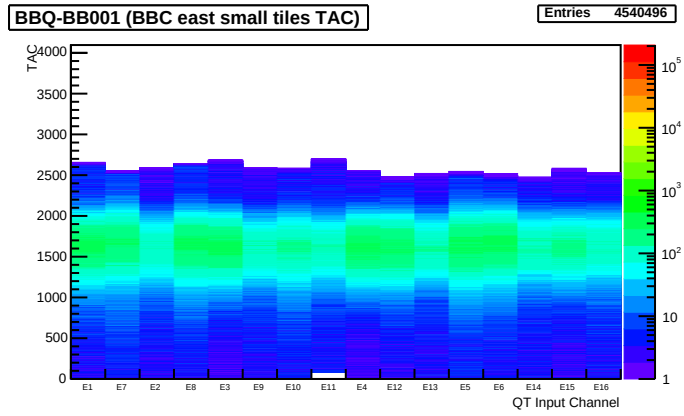

MIX-MT101 Input: VP003 Max TAC
Entries 283781

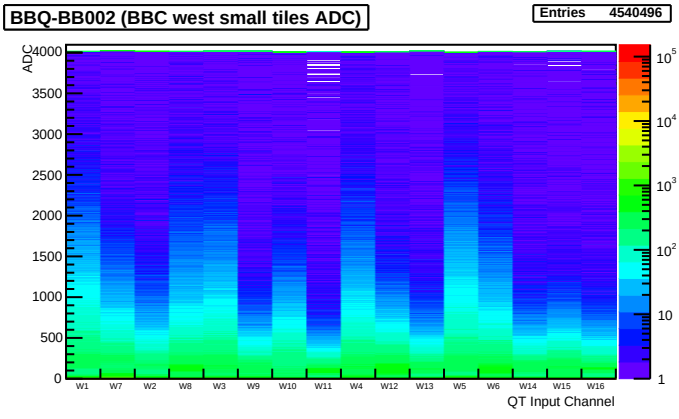

MIX-MT101 Input: VP004 Max TAC
Entries 283781

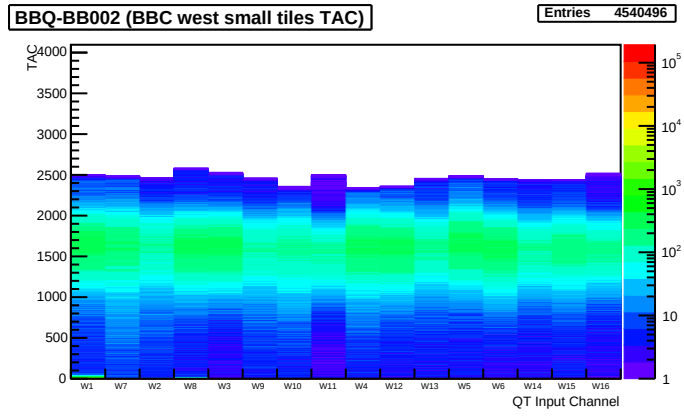

MXQ-PP001
Entries 4540496
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

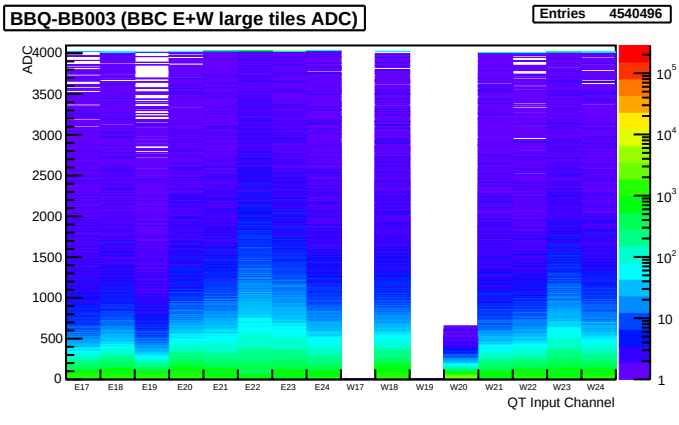

MXQ-PP001
Entries 4540496
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

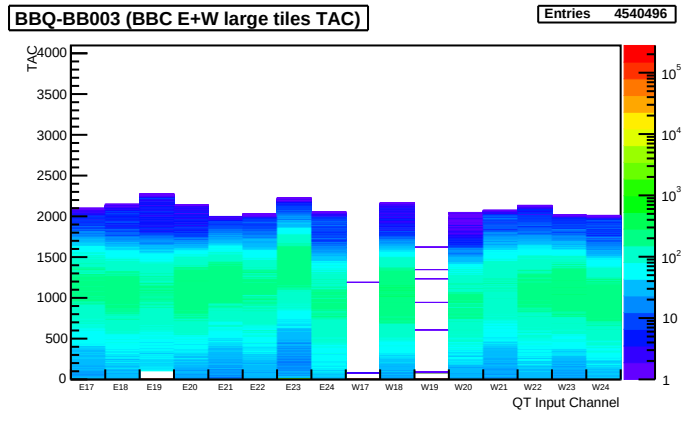

BBQ-BB001 (BBC east small tiles ADC)
Entries 4540496
ADC
QT Input Channel

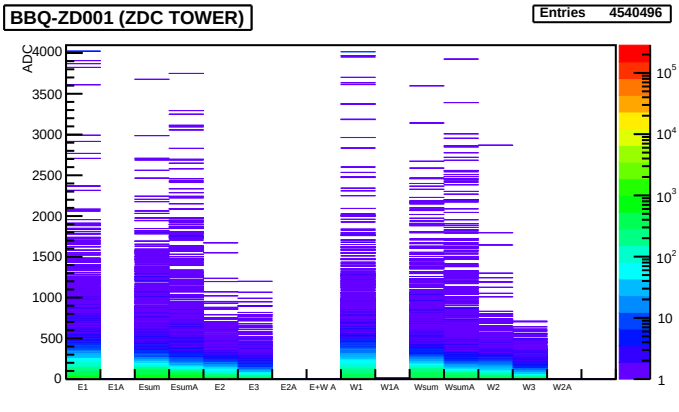

BBQ-BB001 (BBC east small tiles TAC)
Entries 4540496
TAC
QT Input Channel

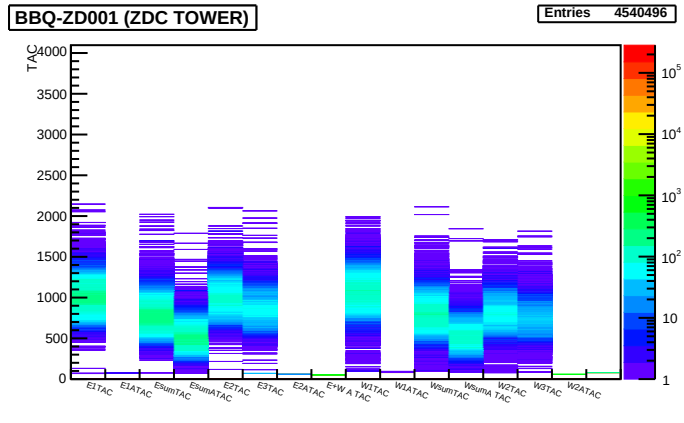

BBQ-BB002 (BBC west small tiles ADC)
Entries 4540496
ADC
QT Input Channel

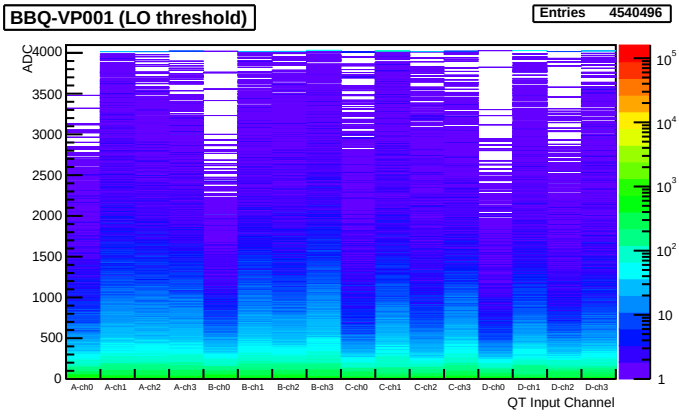

BBQ-BB002 (BBC west small tiles TAC)
Entries 4540496
TAC
QT Input Channel

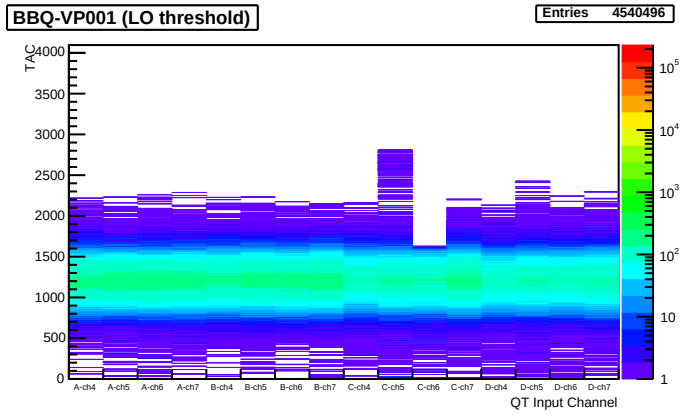

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4540496
ADC
QT Input Channel

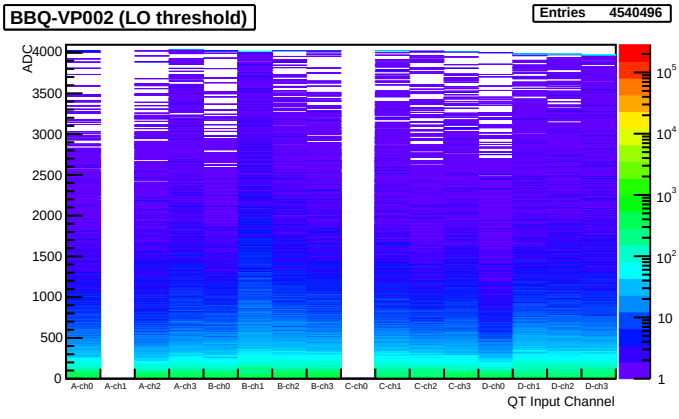

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4540496
TAC
QT Input Channel

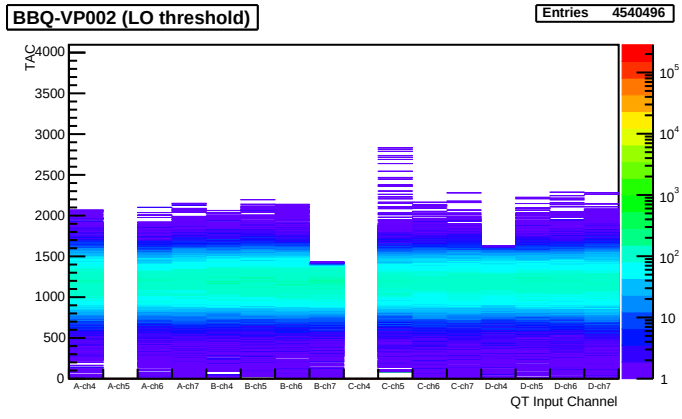

BBQ-ZD001 (ZDC TOWER)
Entries 4540496
ADC

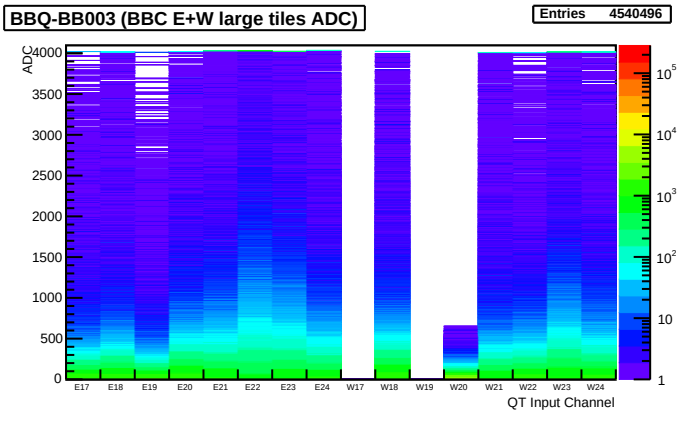

BBQ-ZD001 (ZDC TOWER)
Entries 4540496
TAC

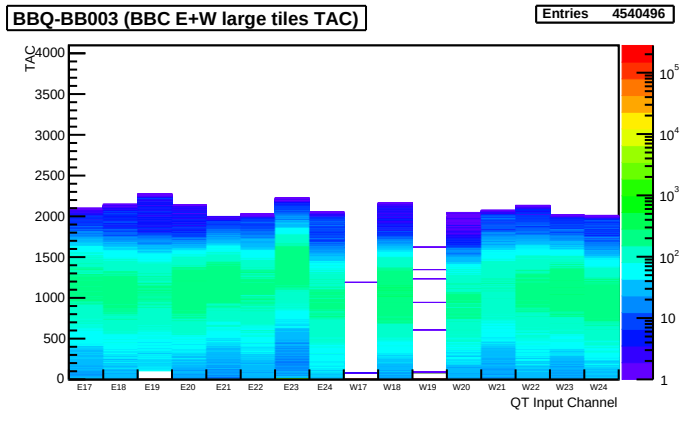

BBQ-VP001 (LO threshold)
Entries 4540496
ADC
QT Input Channel

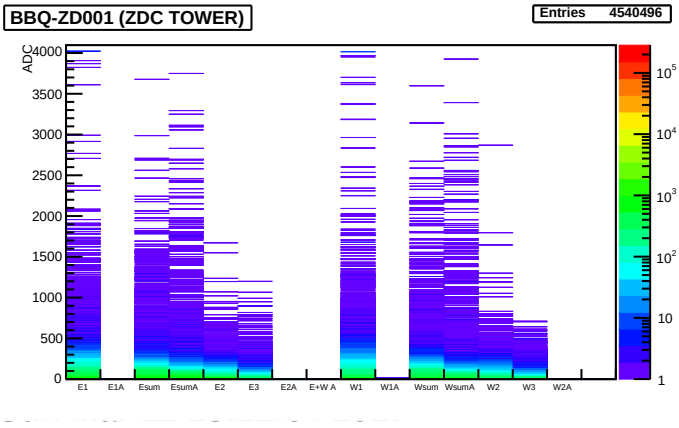

BBQ-VP001 (LO threshold)
Entries 4540496
TAC
QT Input Channel

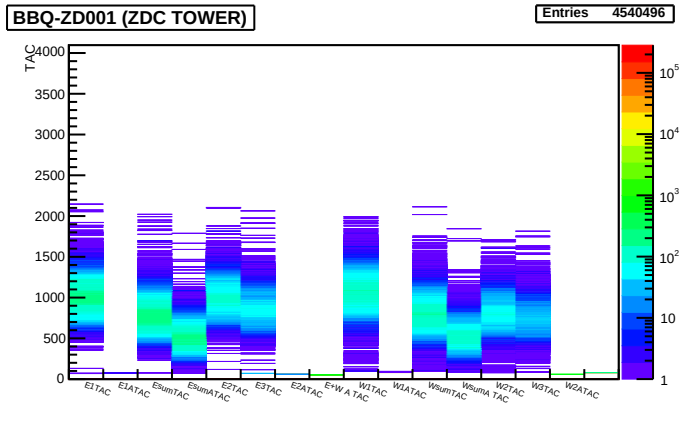

BBQ-VP002 (LO threshold)
Entries 4540496
ADC
QT Input Channel

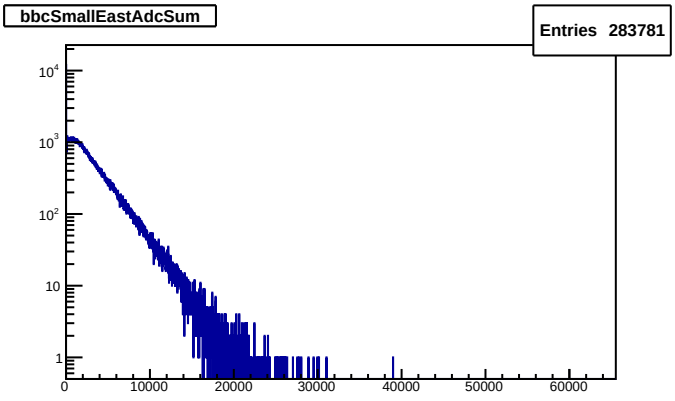

BBQ-VP002 (LO threshold)
Entries 4540496
TAC
QT Input Channel

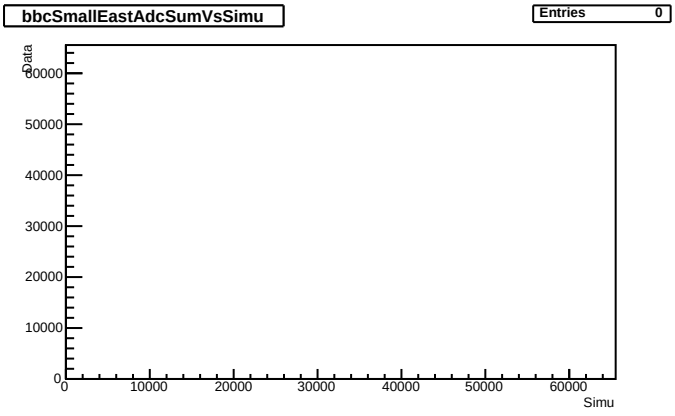

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4540496
ADC
QT Input Channel

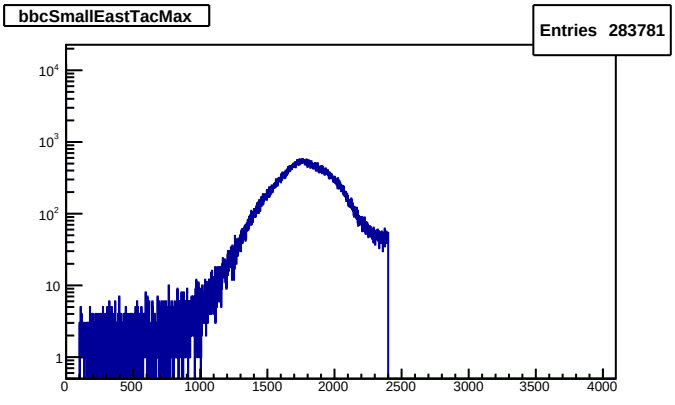

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4540496
TAC
QT Input Channel

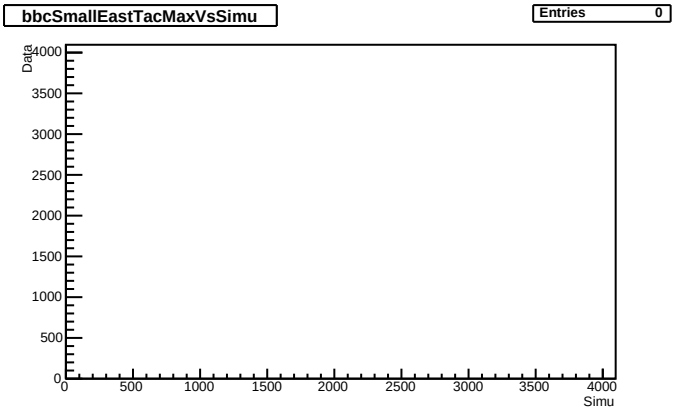

BBQ-ZD001 (ZDC TOWER)
Entries 4540496
ADC

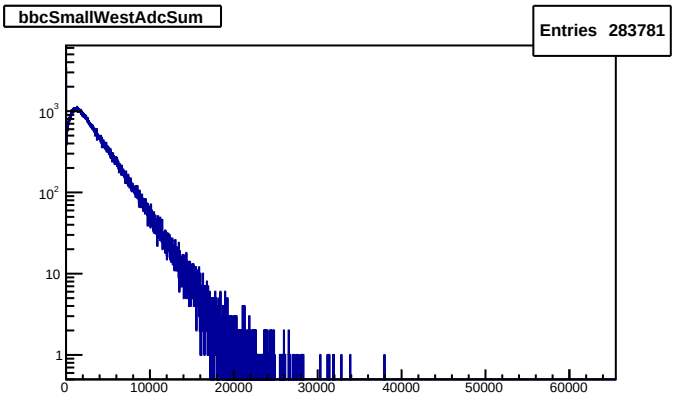

BBQ-ZD001 (ZDC TOWER)
Entries 4540496
TAC

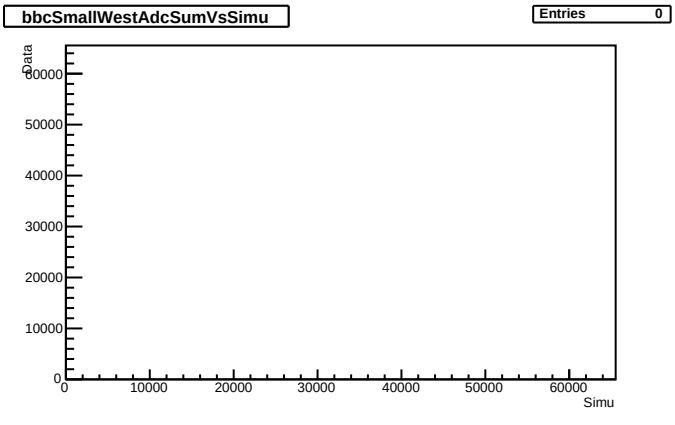

bbcSmallEastAdcSum
Entries 283781

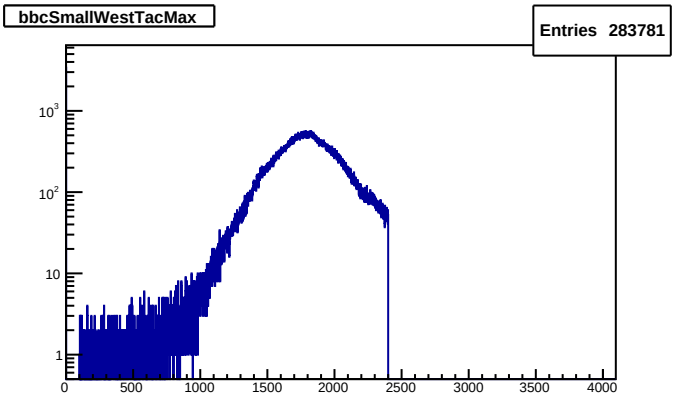

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

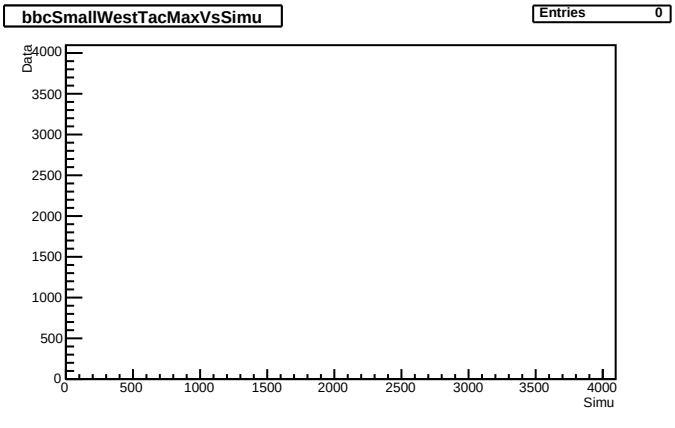

bbcSmallEastTacMax
Entries 283781

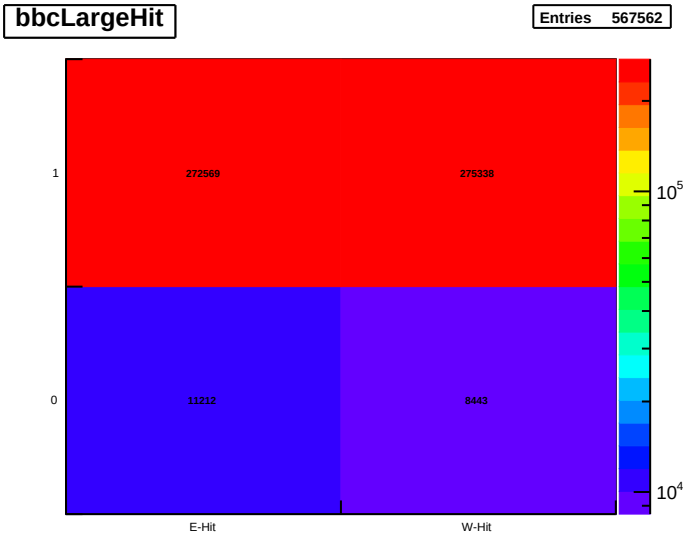

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

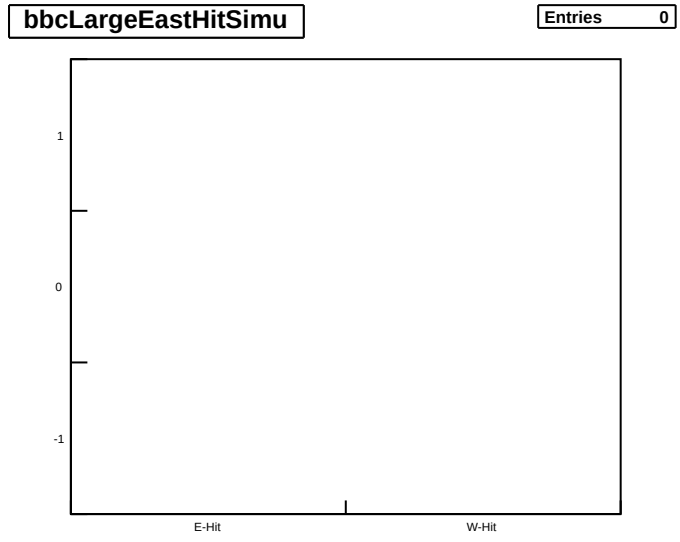

bbcSmallWestAdcSum
Entries 283781

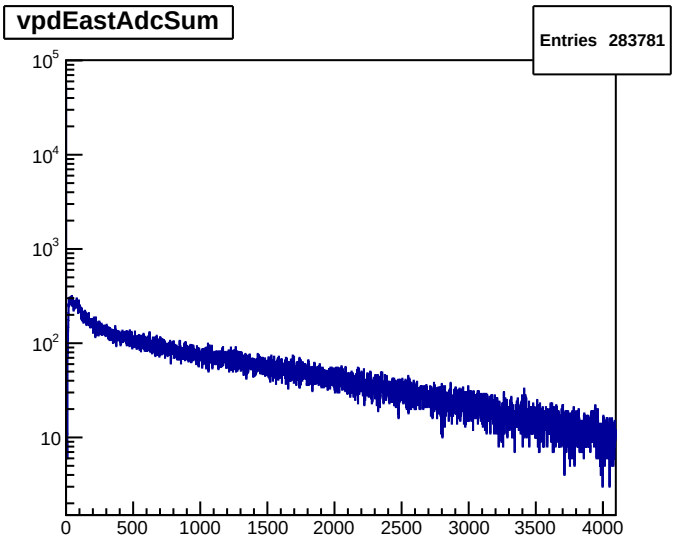

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

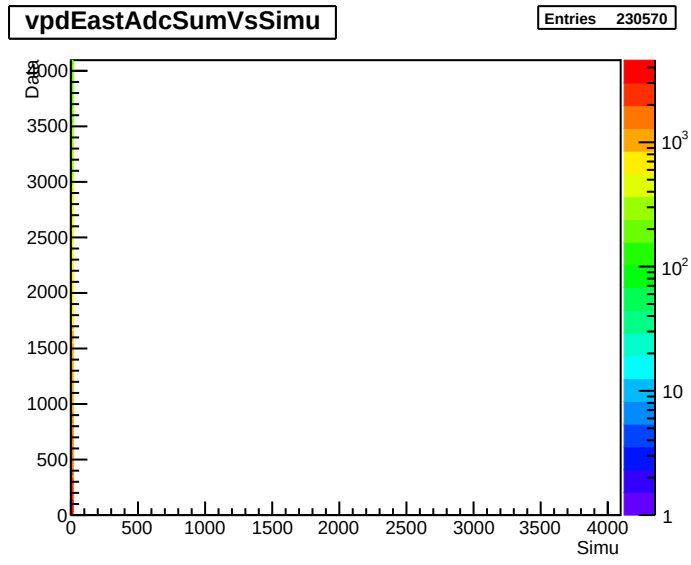

bbcSmallWestTacMax
Entries 283781

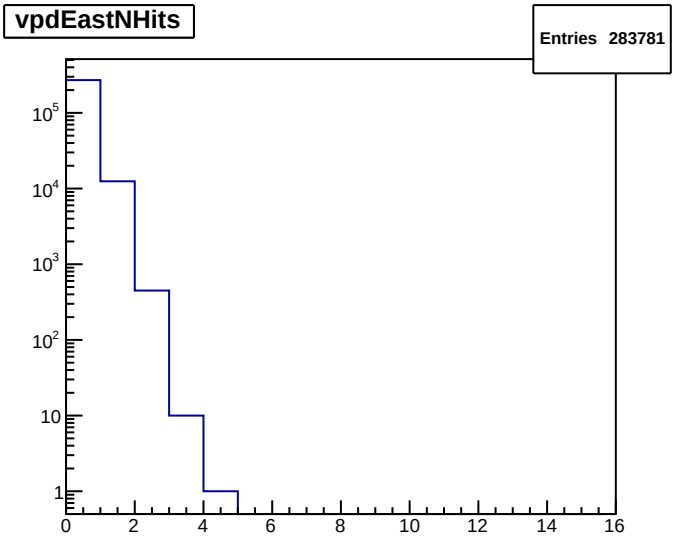

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

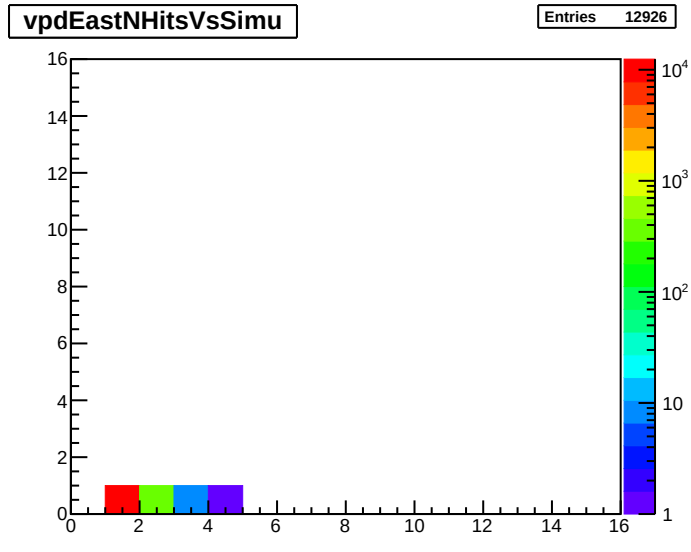

bbcLargeHit
Entries 567562
1
0
272569
275338
11212
8443
E-Hit
W-Hit
$10^5$
$10^4$

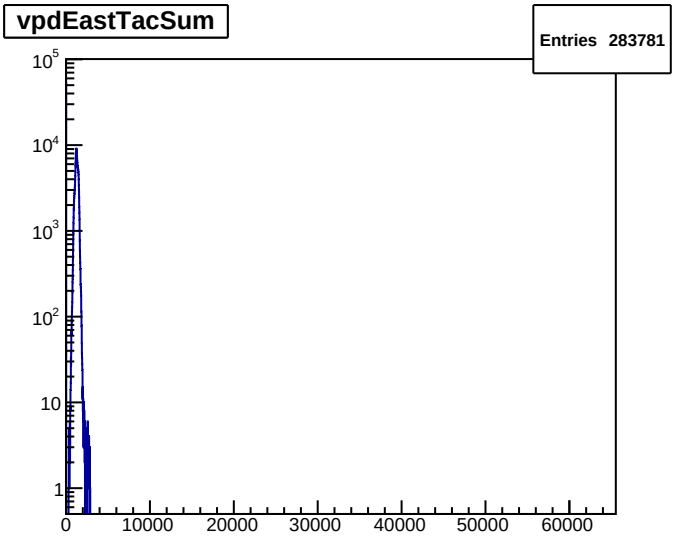

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

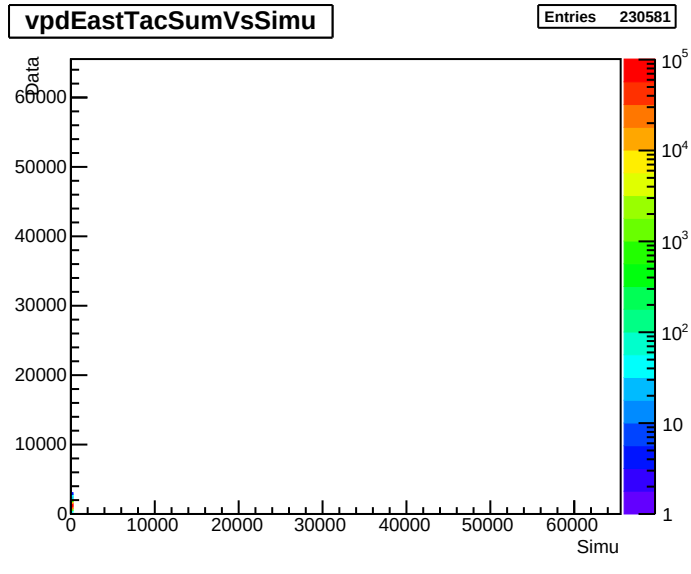

vpdEastAdcSum
Entries 283781

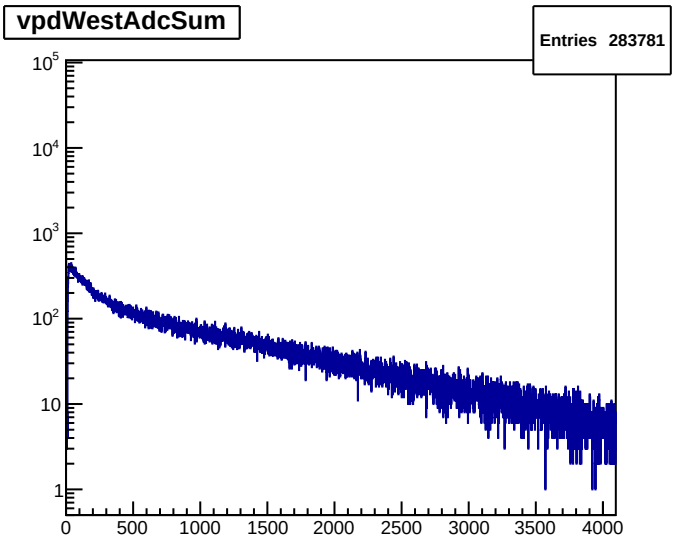

vpdEastAdcSumVsSimu
Entries 230570
Data
Simu

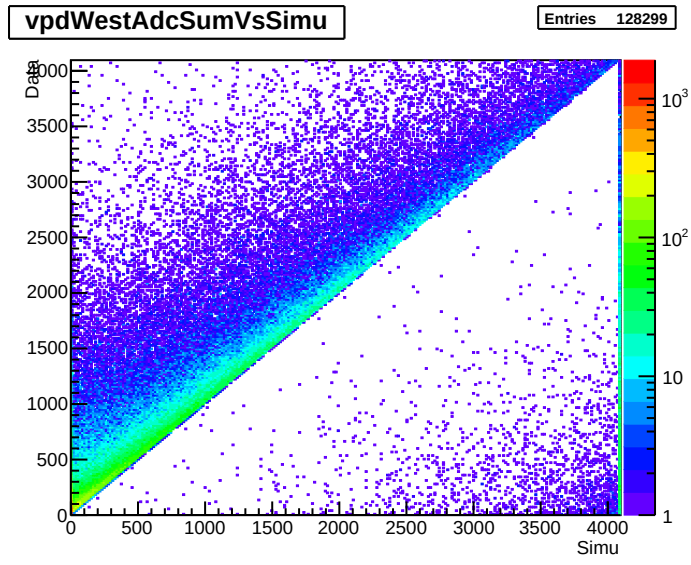

vpdEastNHits
Entries 283781

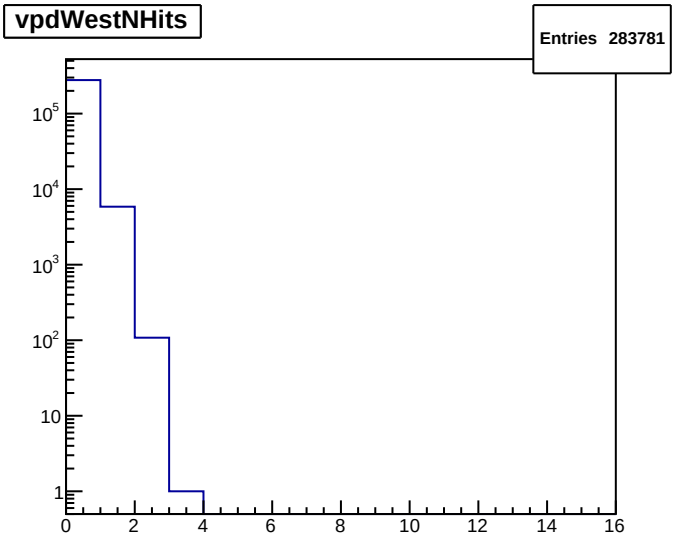

vpdEastNHitsVsSimu
Entries 12926

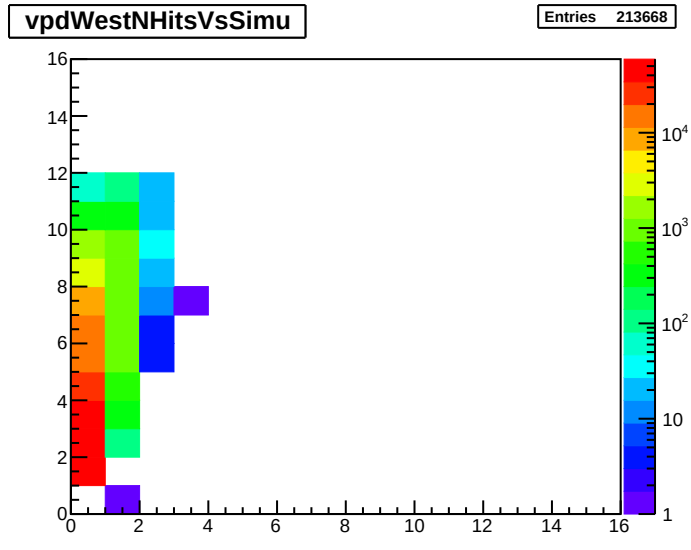

vpdEastTacSum
Entries 283781

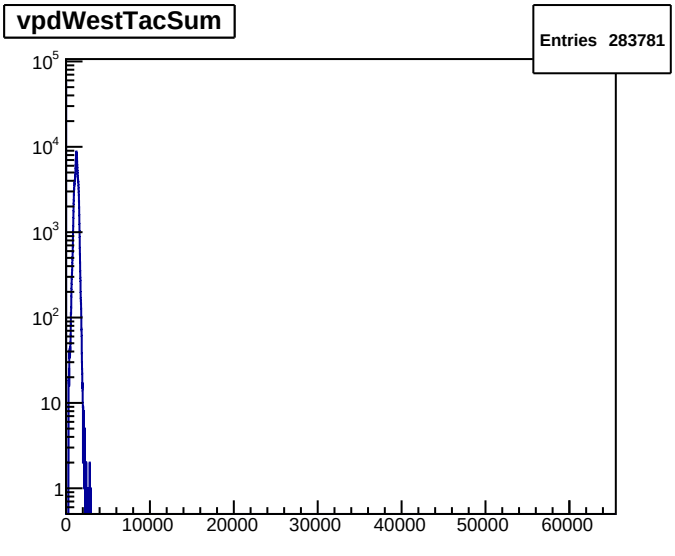

vpdEastTacSumVsSimu
Entries 230581
Data
Simu

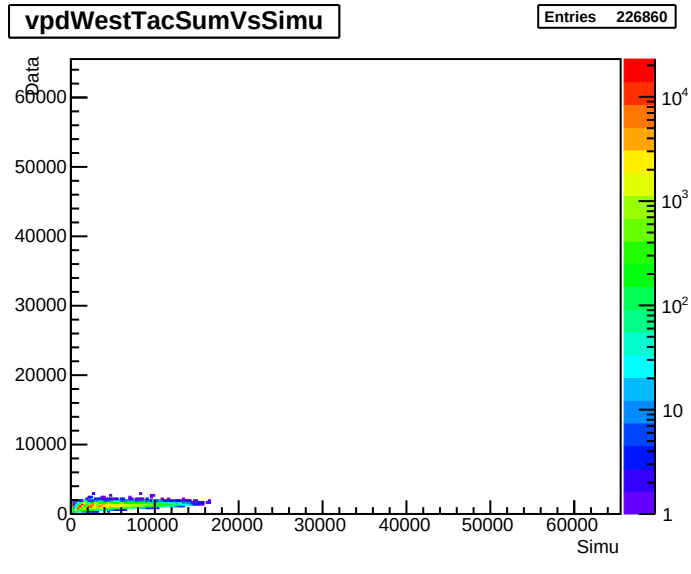

vpdWestAdcSum
Entries 283781

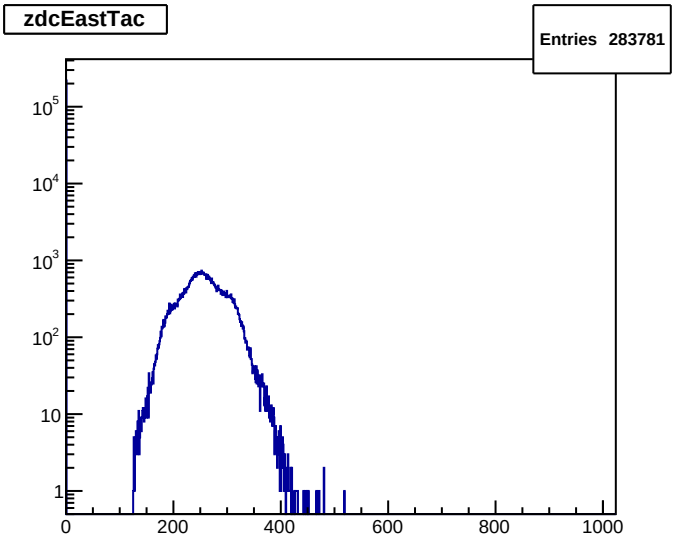

vpdWestAdcSumVsSimu
Entries 128299
Data
Simu

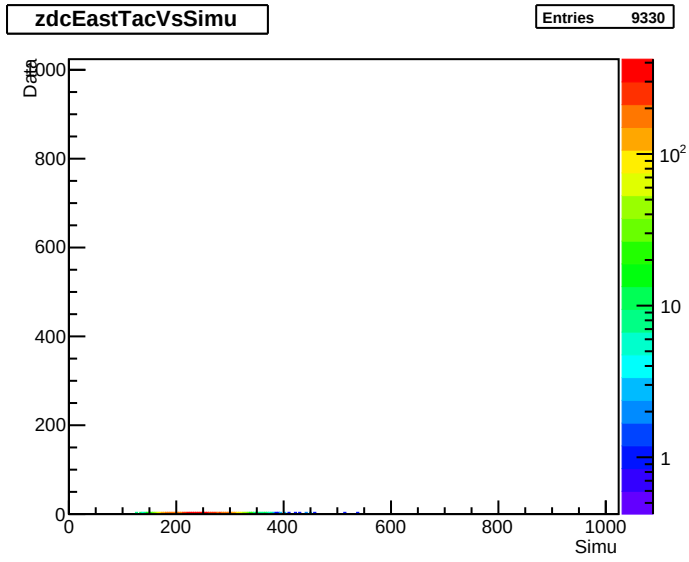

vpdWestNHits
Entries 283781

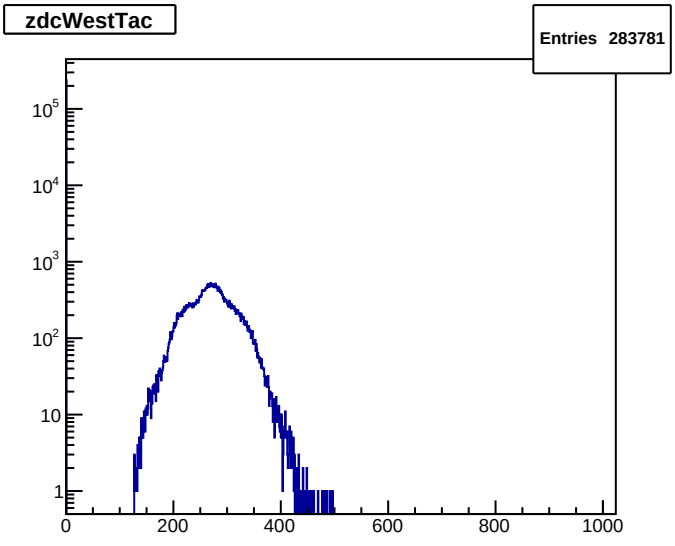

vpdWestNHitsVsSimu
Entries 213668

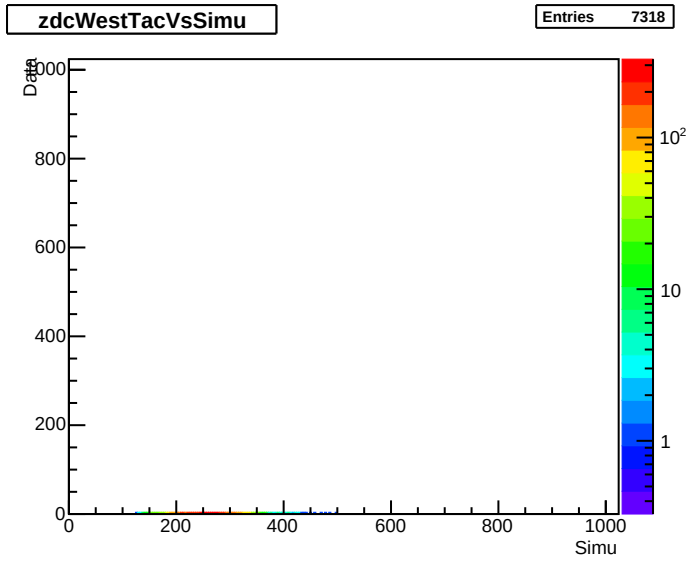

vpdWestTacSum
Entries 283781

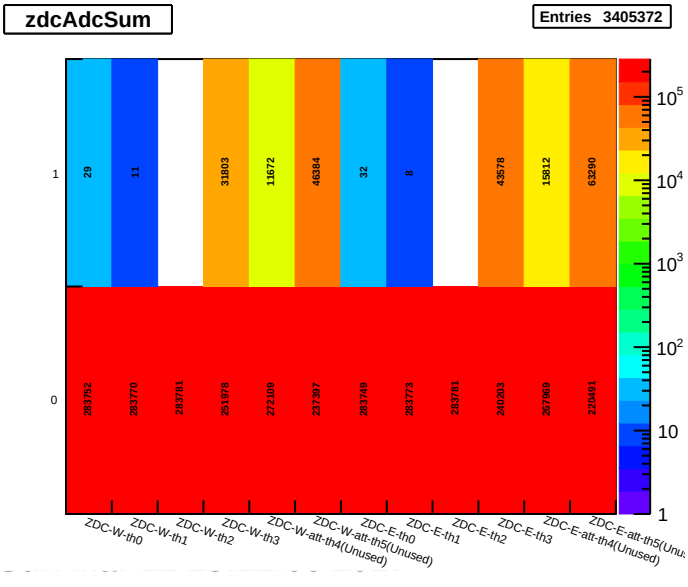

vpdWestTacSumVsSimu
Entries 226860
Data
Simu

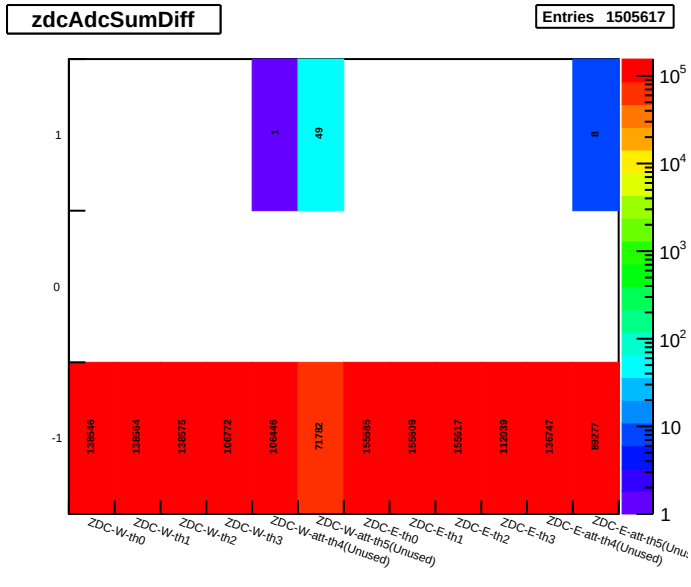

zdcEastTac
Entries 283781

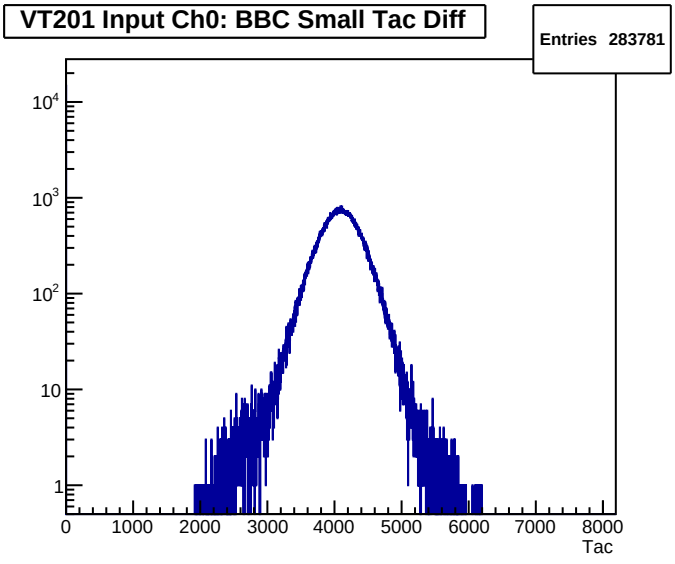

zdcEastTacVsSimu
Entries 9330
Data
Simu

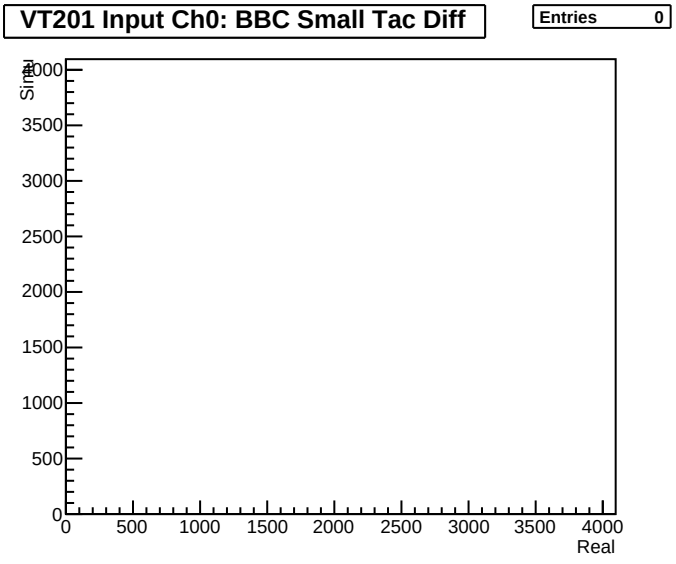

zdcWestTac
Entries 283781

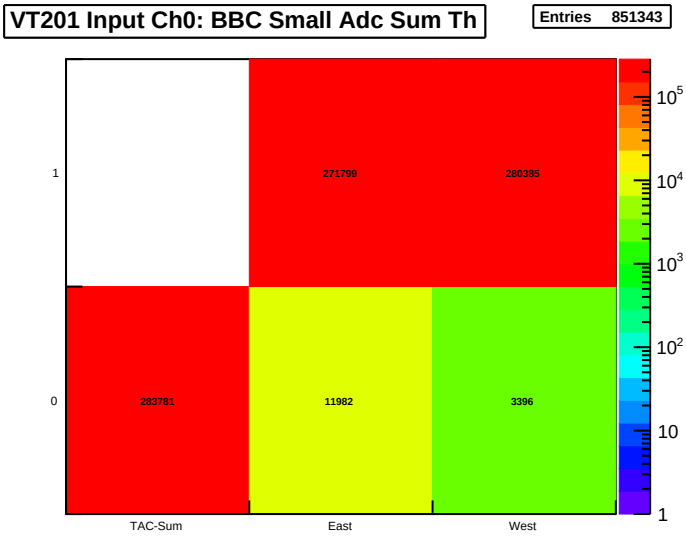

zdcWestTacVsSimu
Entries 7318
Data
Simu

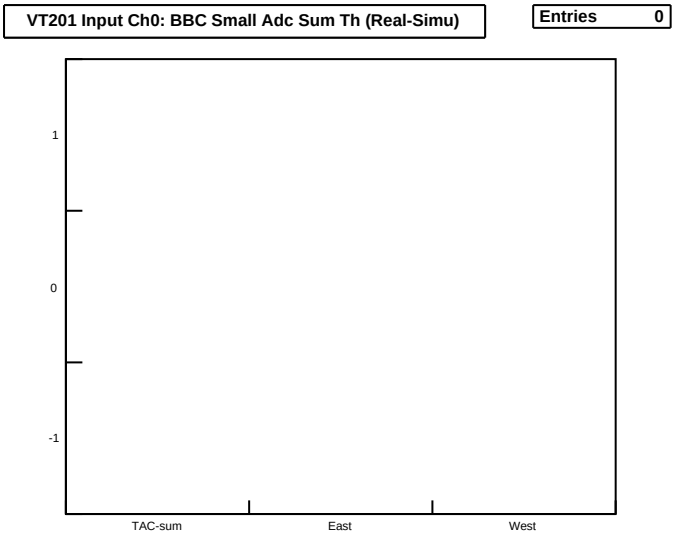

zdcAdcSum
Entries 3405372
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

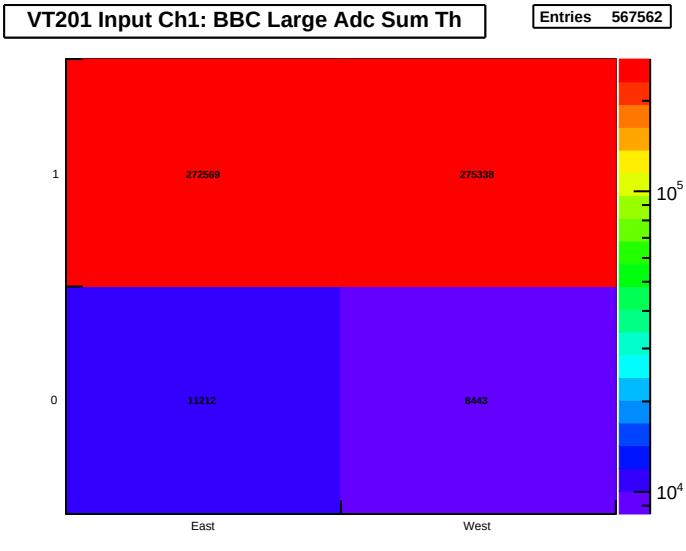

zdcAdcSumDiff
Entries 1505617
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

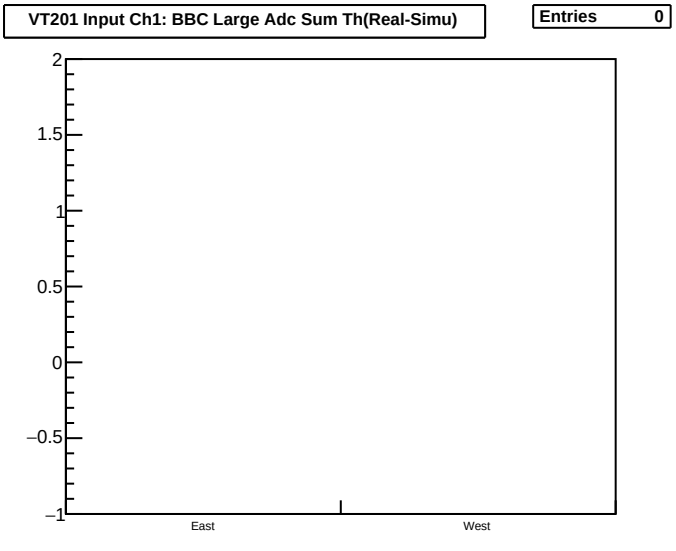

VT201 Input Ch0: BBC Small Tac Diff
Entries 283781
Tac


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

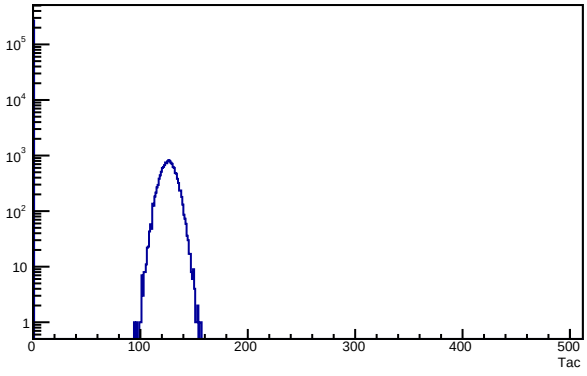

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 851343
271799
280385
283781
11982
3396
TAC-Sum
East
West


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

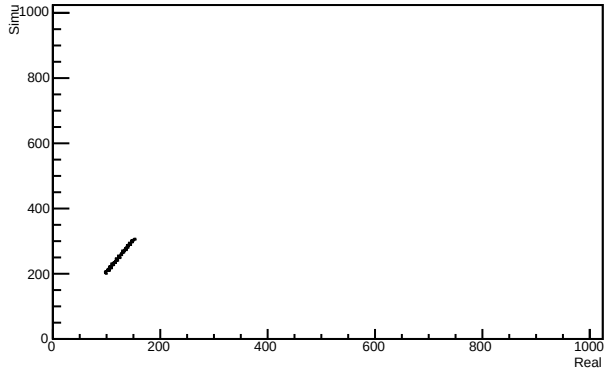

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 567562
272569
275338
11212
8443
East
West


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

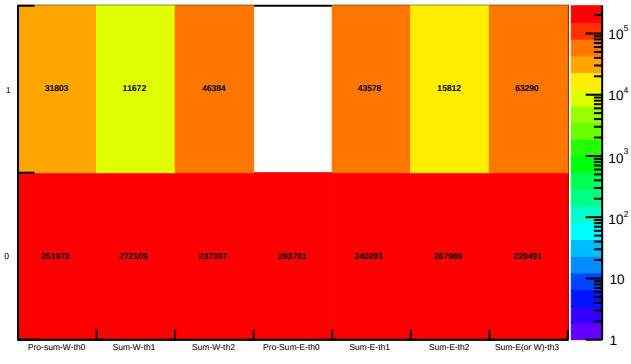
**VT201 Input Ch2: ZDC Tac Diff**



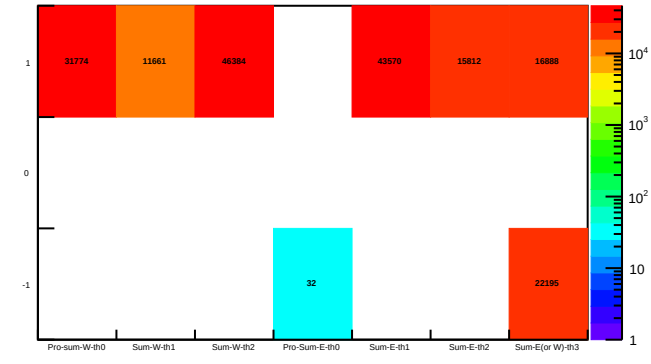

**VT201 Input Ch2: ZDC Tac Diff**



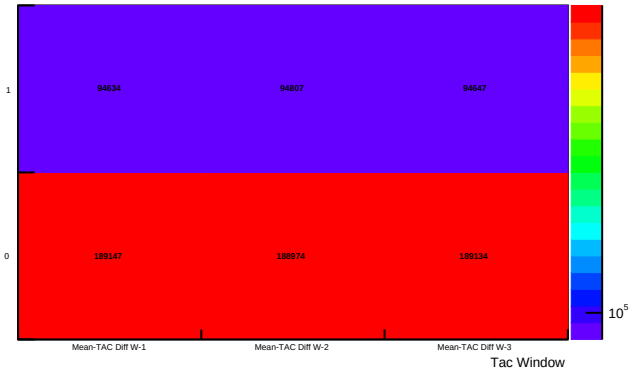

**VT201 Input Ch2: ZDC Adc Sum Th**



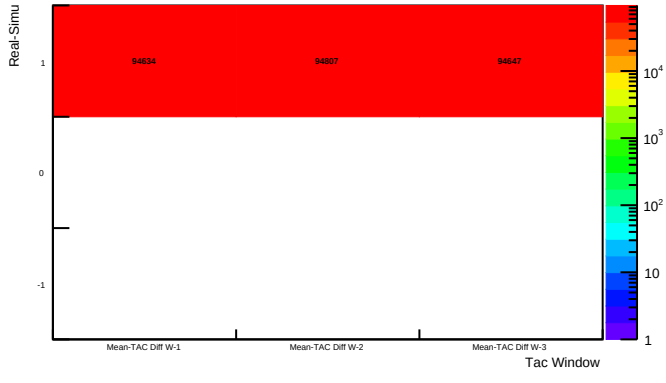

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



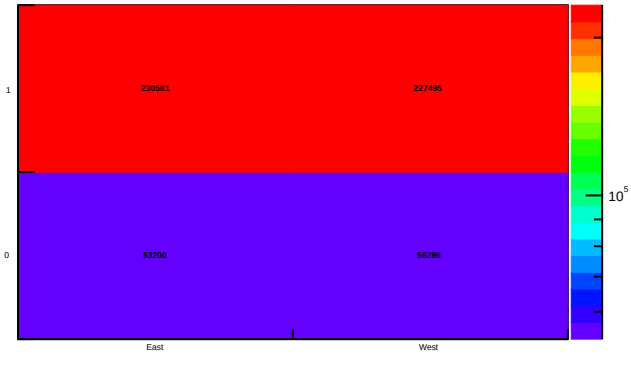

**VT201 Input Ch4: VPD Tac Diff**



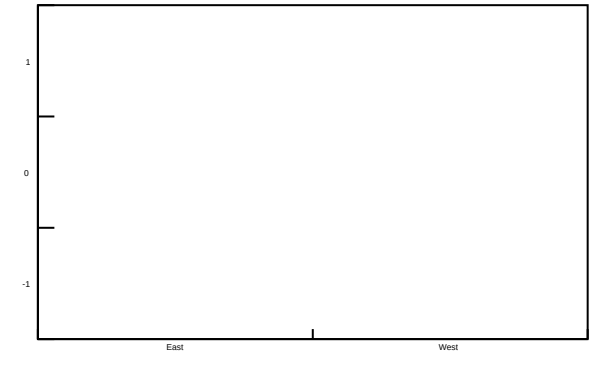

**VT201 Input Ch4: VPD Tac Diff**

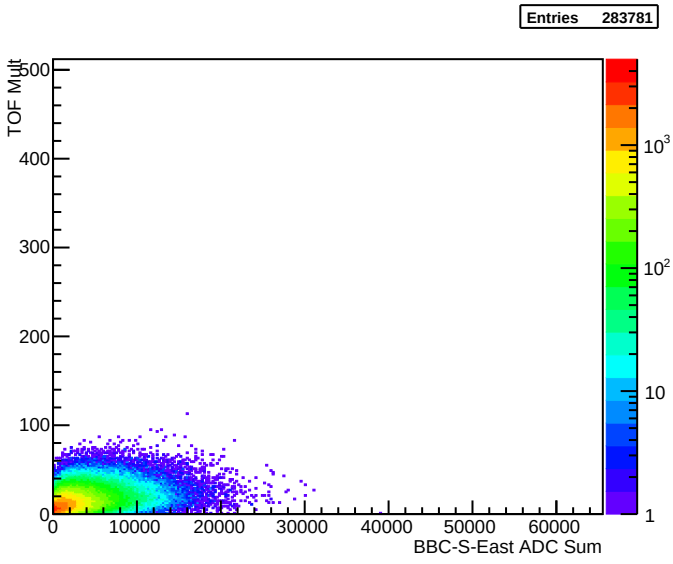


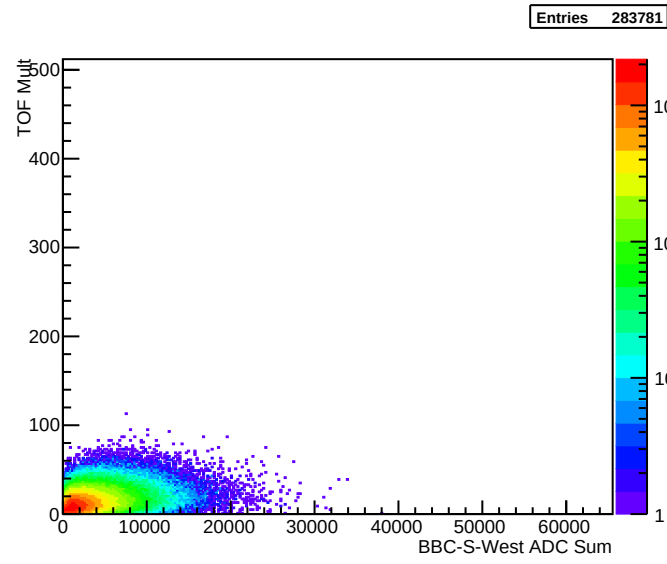

**VT201 Input Ch4: VPD Adc Sum Th**

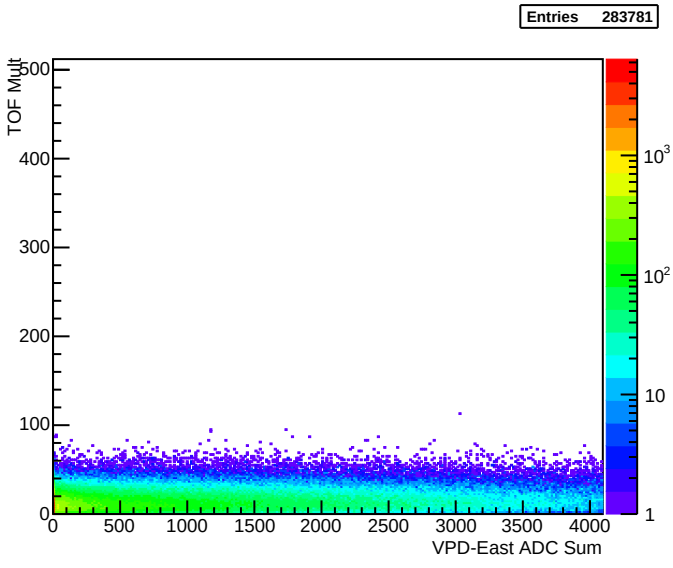


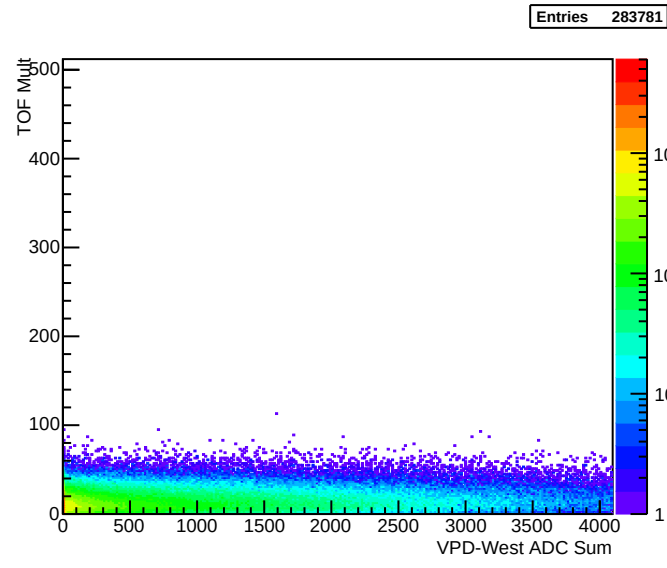

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

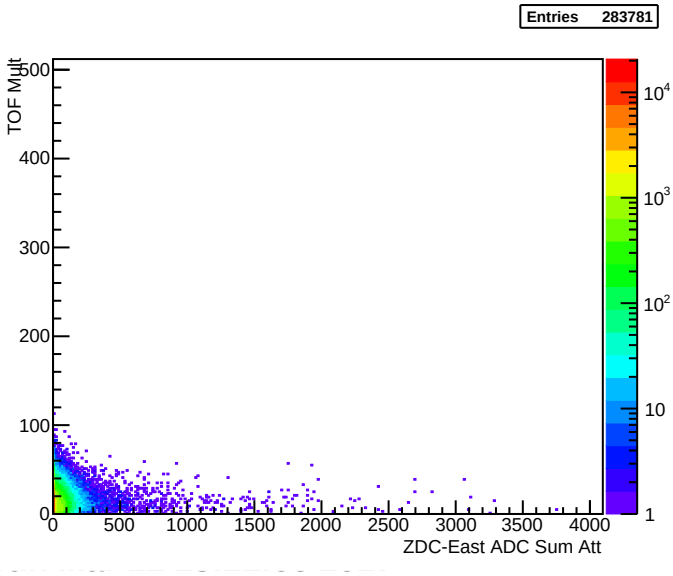


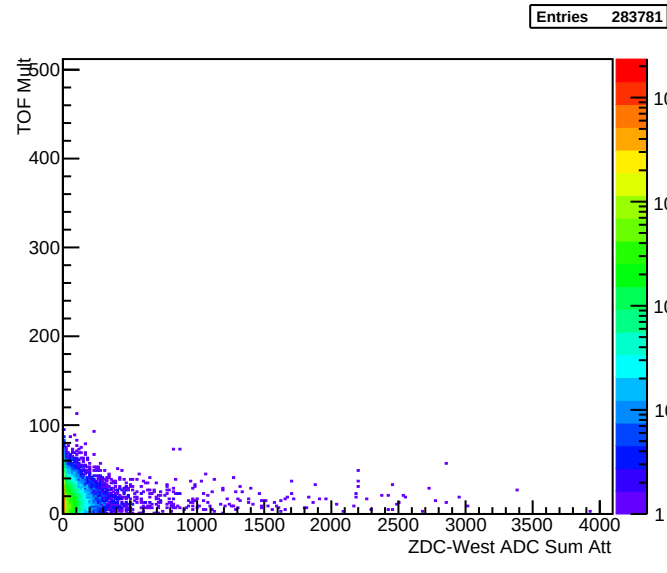

Entries 283781
TOF Mult
BBC-S-East ADC Sum

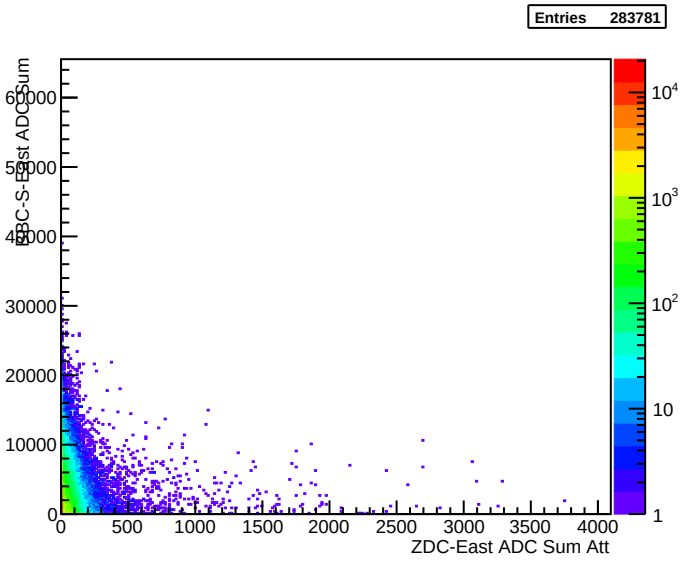

Entries 283781
TOF Mult
BBC-S-West ADC Sum

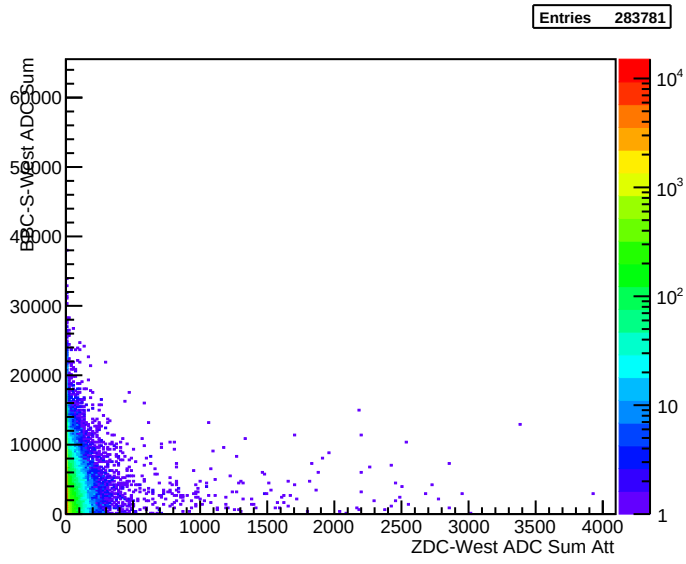

Entries 283781
TOF Mult
VPD-East ADC Sum

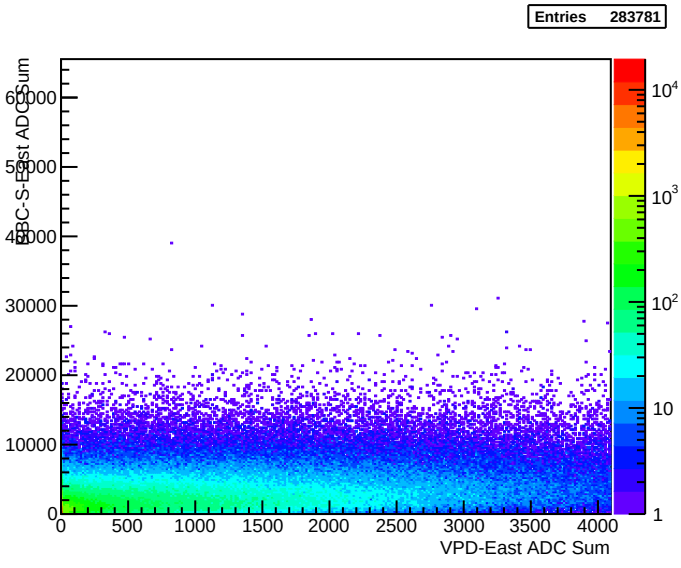

Entries 283781
TOF Mult
VPD-West ADC Sum

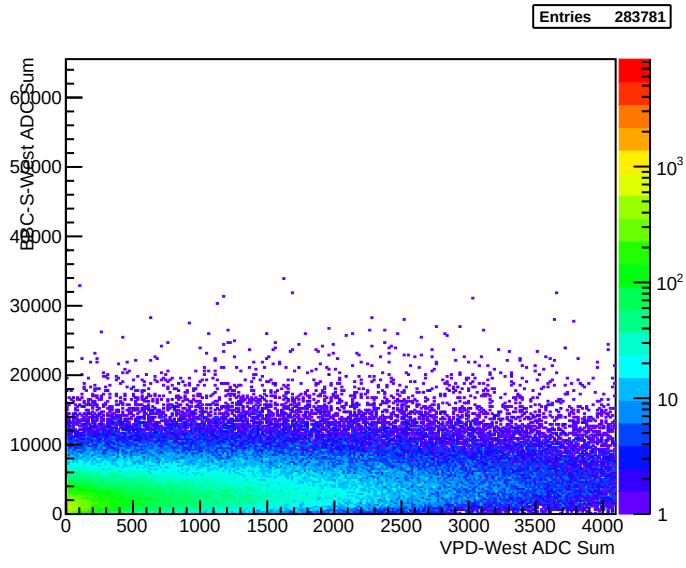

Entries 283781
TOF Mult
ZDC-East ADC Sum Att

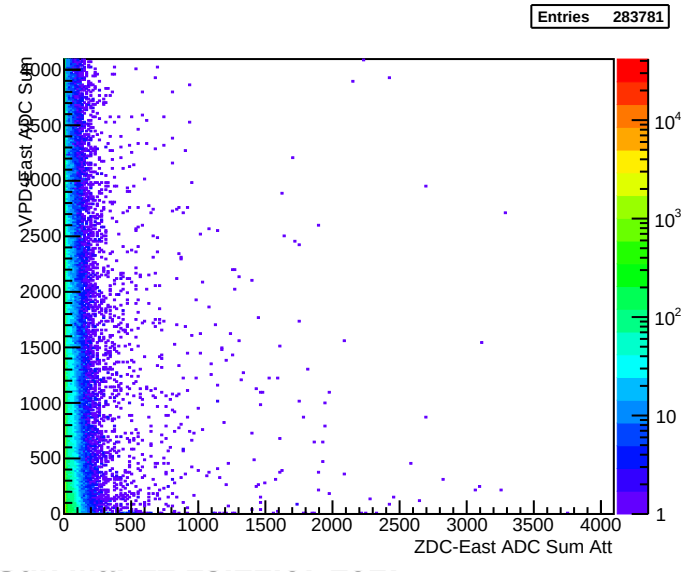

Entries 283781
TOF Mult
ZDC-West ADC Sum Att

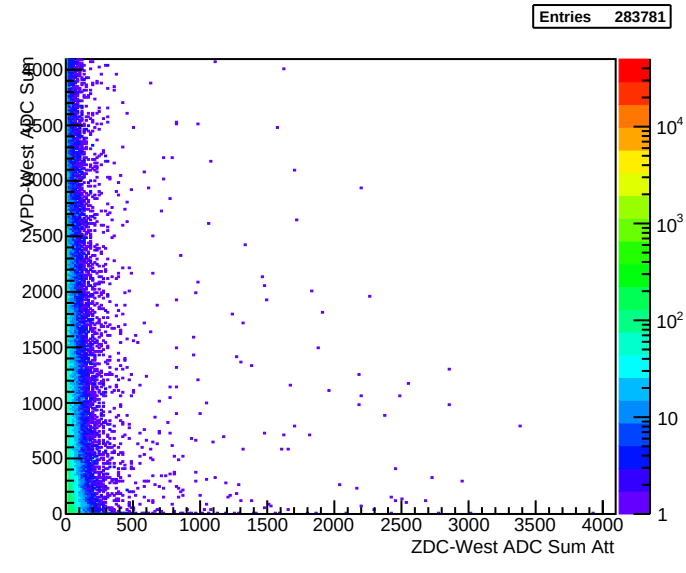

Entries 283781
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

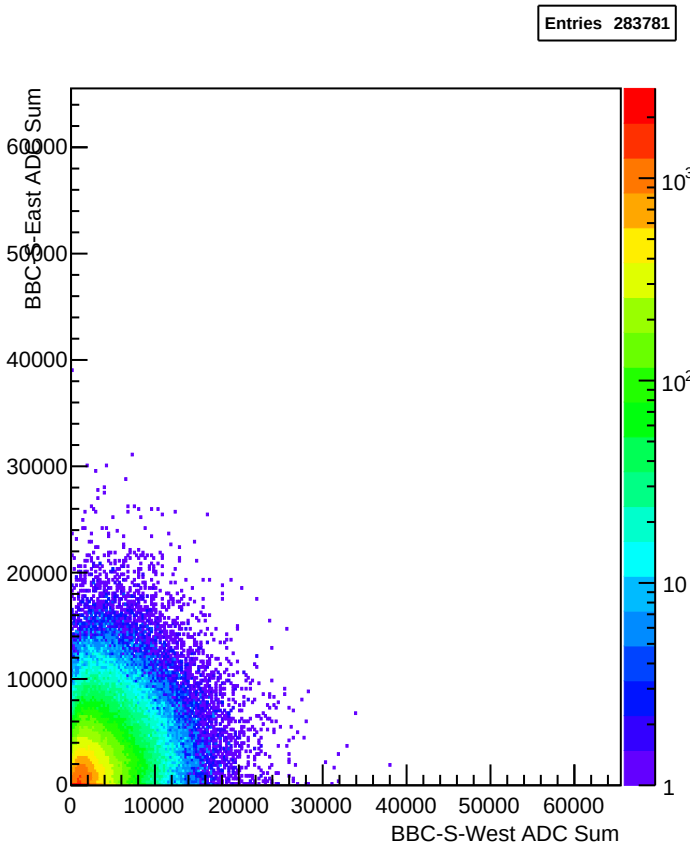

Entries 283781
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

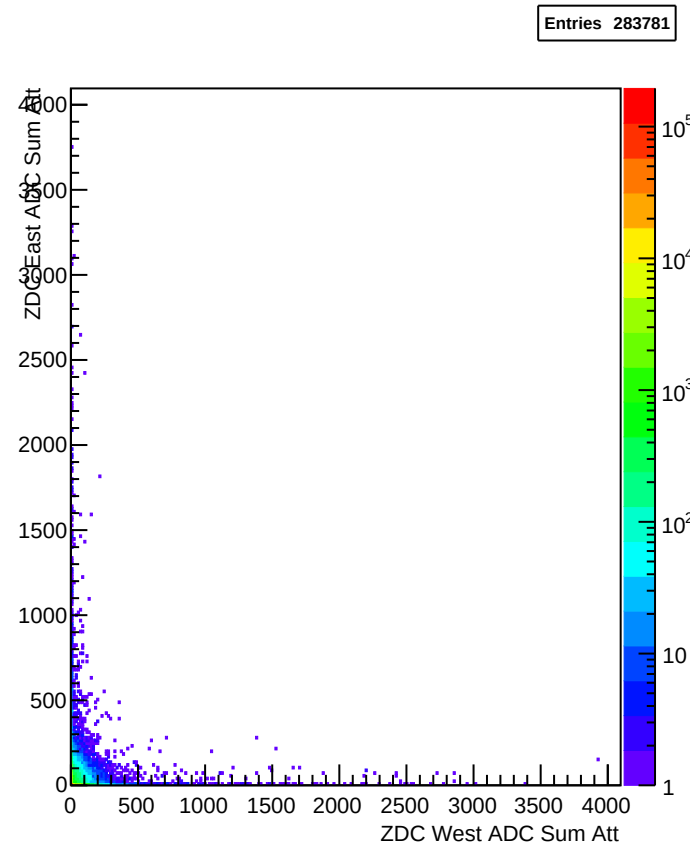

Entries 283781
BBC-S-East ADC Sum
VPD-East ADC Sum

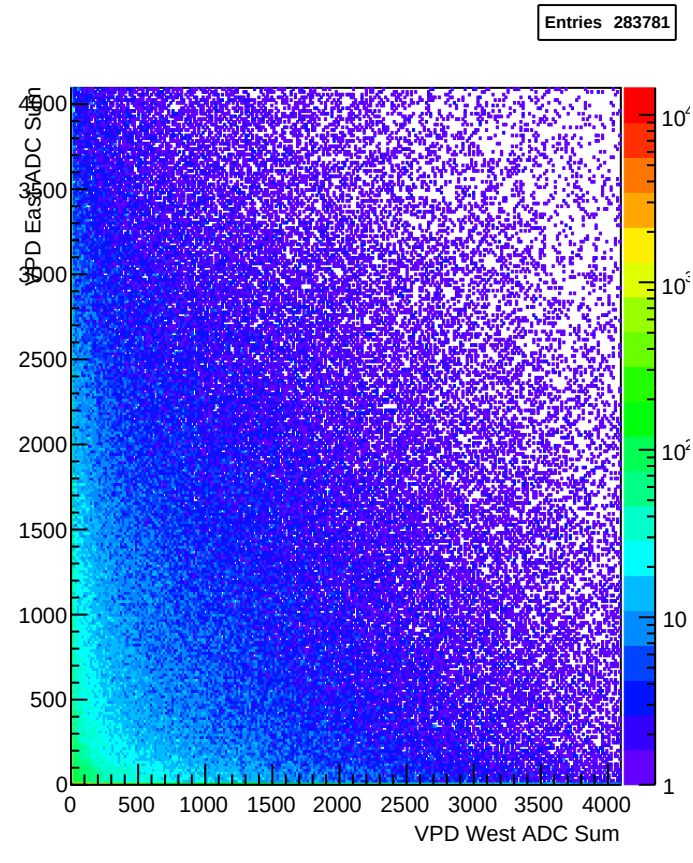

Entries 283781
BBC-S-West ADC Sum
VPD-West ADC Sum

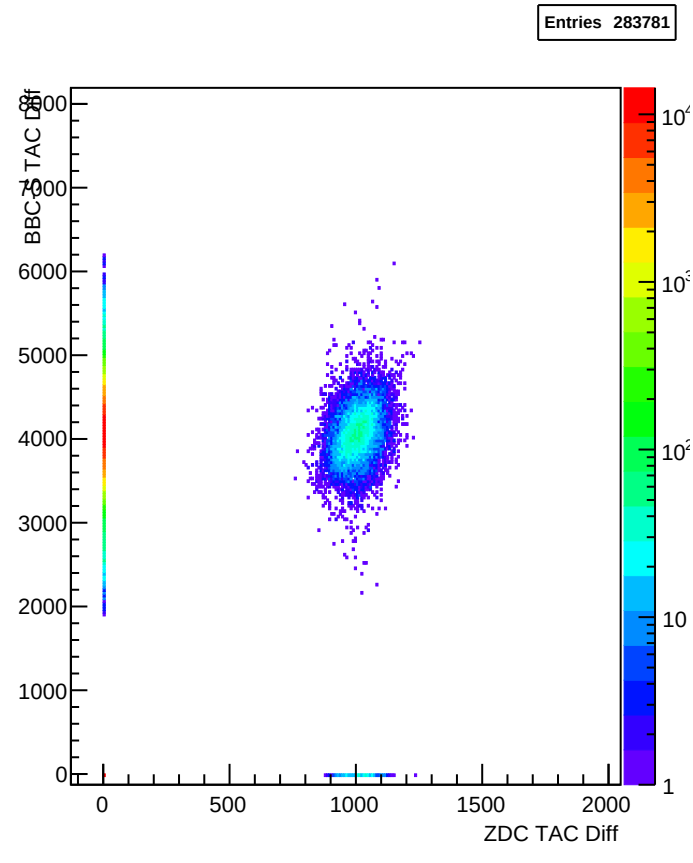

Entries 283781
VPD-East ADC Sum
ZDC-East ADC Sum Att

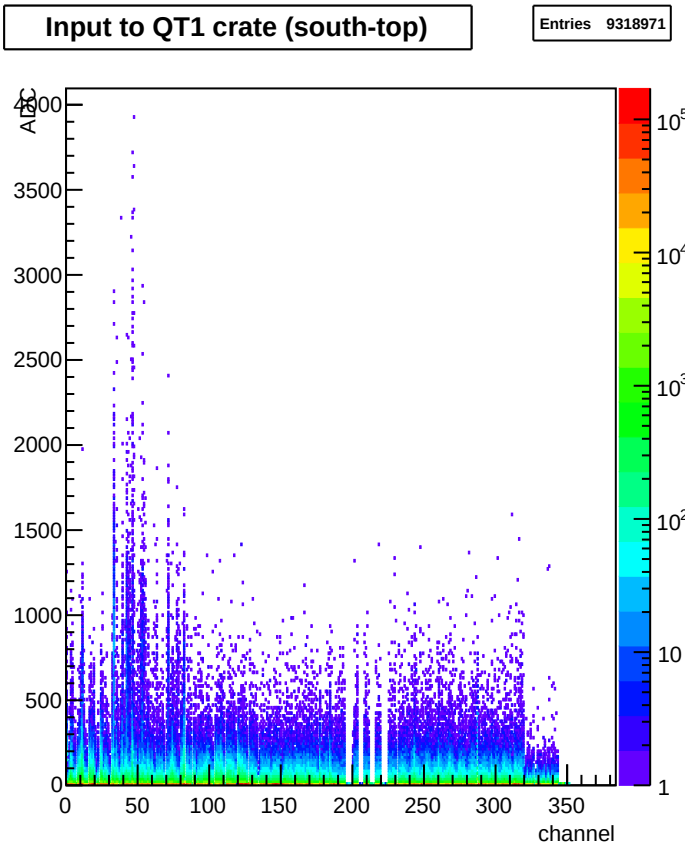

Entries 283781
VPD-West ADC Sum
ZDC-West ADC Sum Att

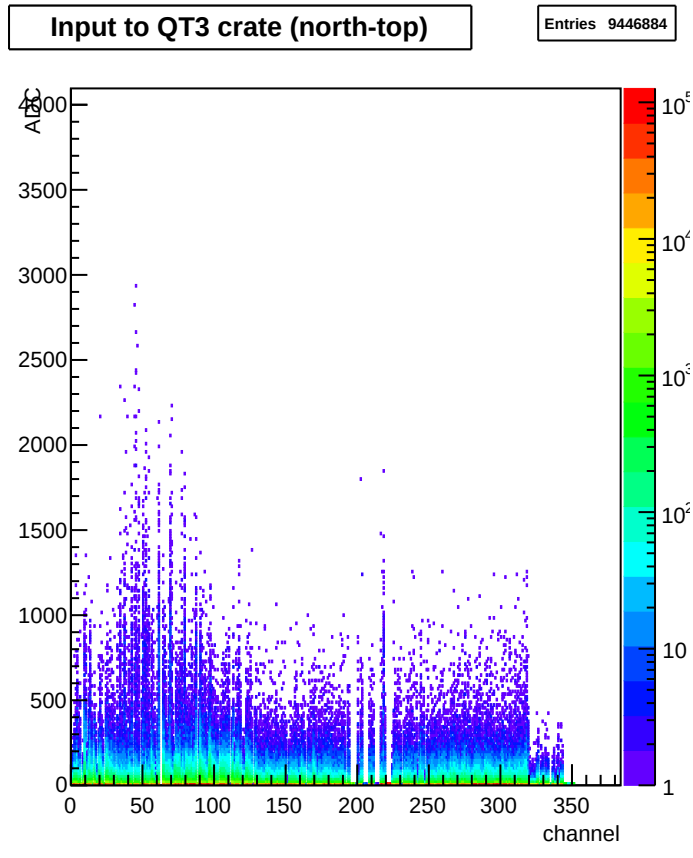

Entries 283781
BBC-S-East ADC Sum
BBC-S-West ADC Sum

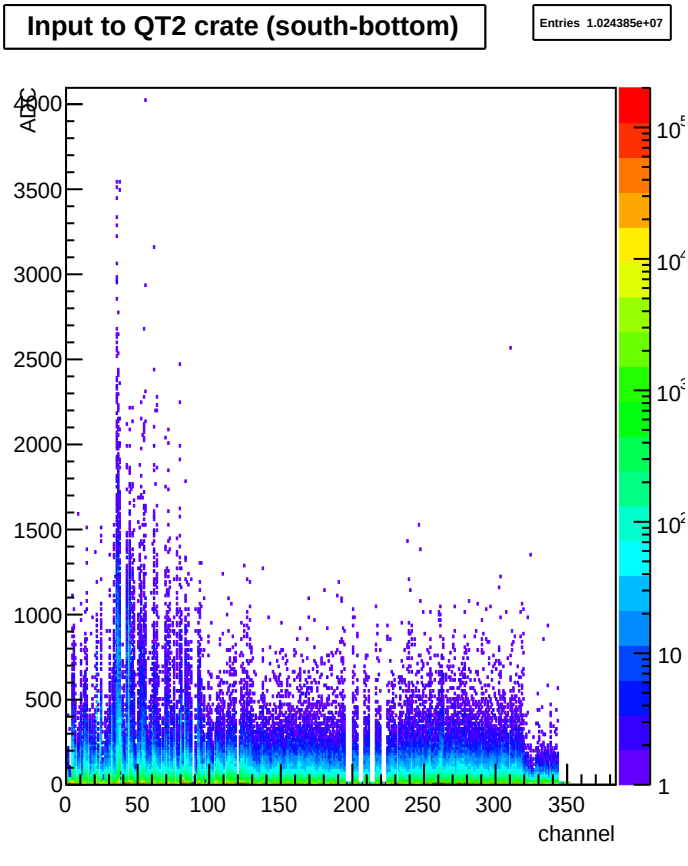

Entries 283781
ZDC East ADC Sum Att
ZDC West ADC Sum Att

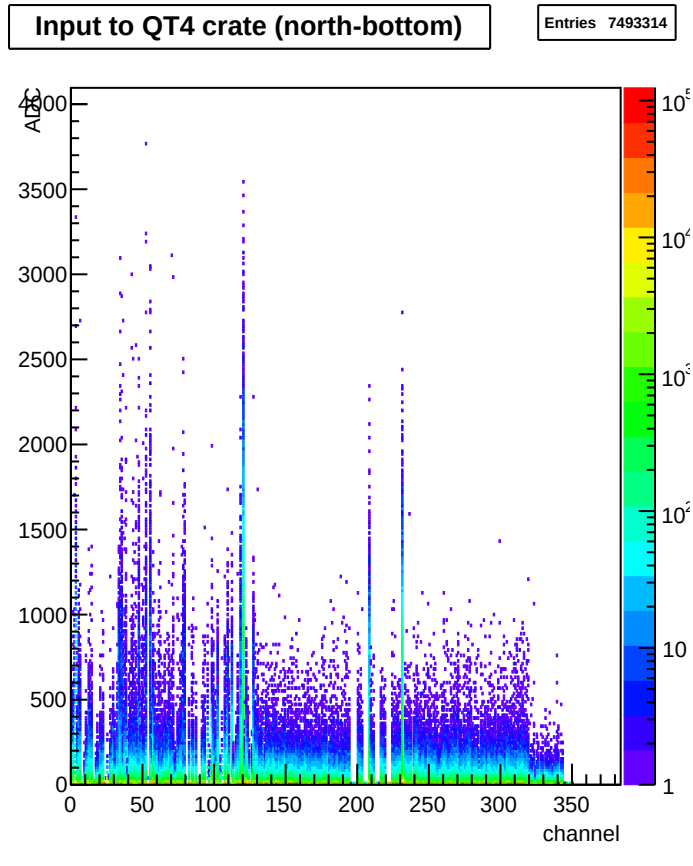

Entries 283781
VPD East ADC Sum
VPD West ADC Sum

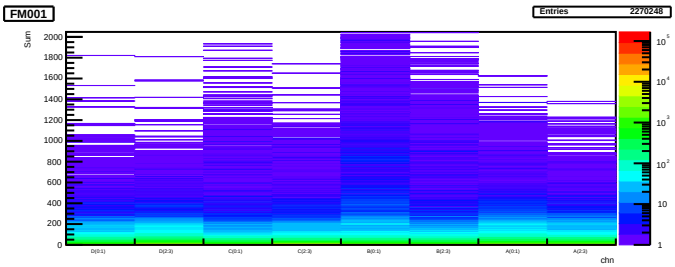

Entries 283781
BBC-S TAC Diff
ZDC TAC Diff

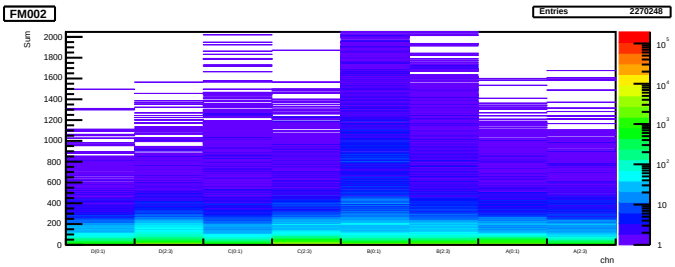

Input to QT1 crate (south-top)
Entries 9318971
ADC
channel

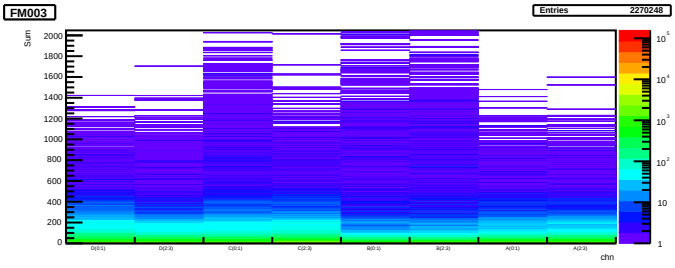

Input to QT3 crate (north-top)
Entries 9446884
ADC
channel

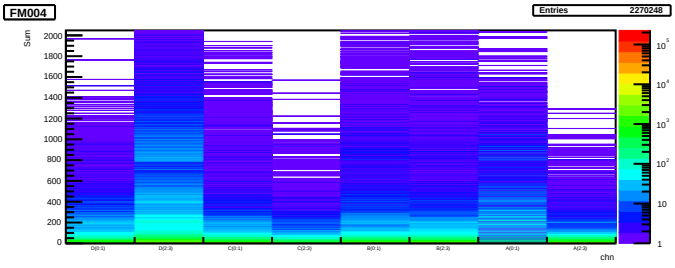

Input to QT2 crate (south-bottom)
Entries 1.024385e+07
ADC
channel

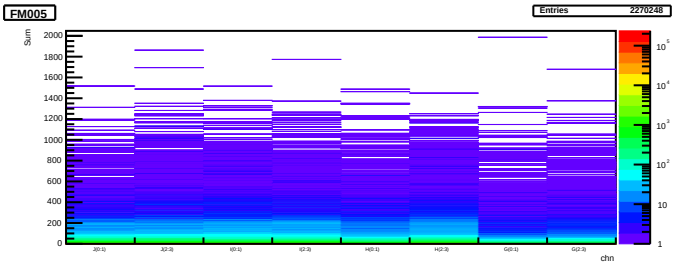

Input to QT4 crate (north-bottom)
Entries 7493314
ADC
channel

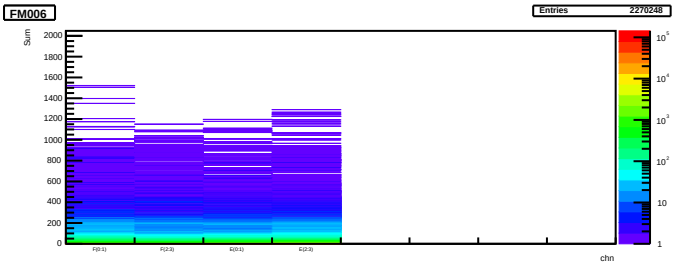

FM001
Entries 2270248
Sum
chn

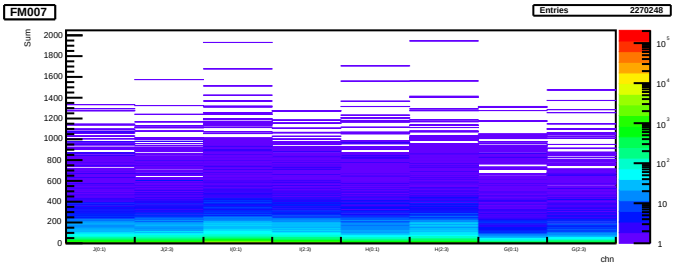

FM002
Entries 2270248
Sum
chn

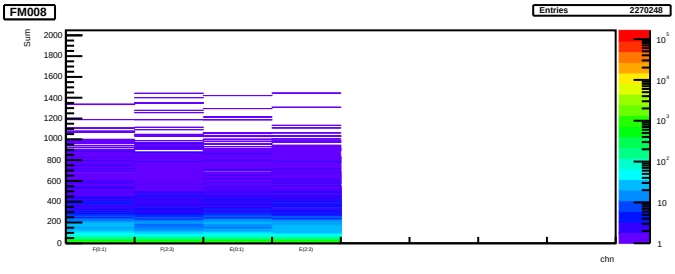

FM003
Entries 2270248
Sum
chn

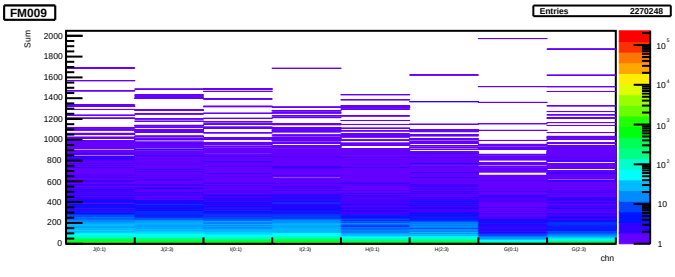

FM004
Entries 2270248
Sum
chn

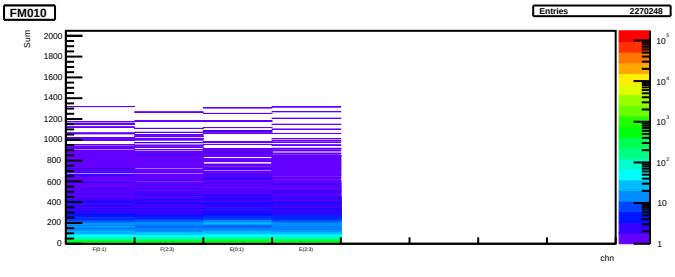

FM005
Entries 2270248
Sum
chn

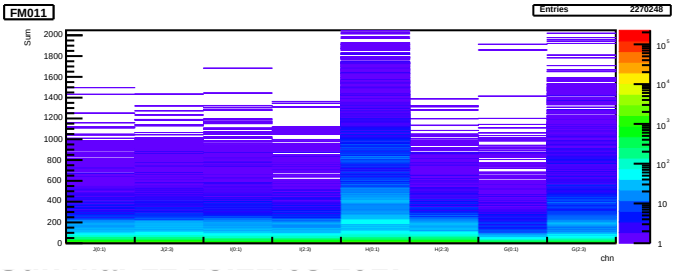

FM006
Entries 2270248
Sum
chn

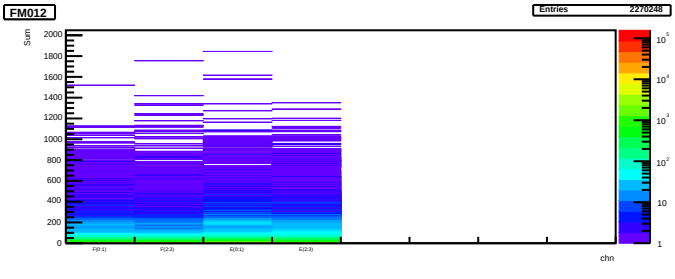

FM007
Entries 2270248
Sum
chn

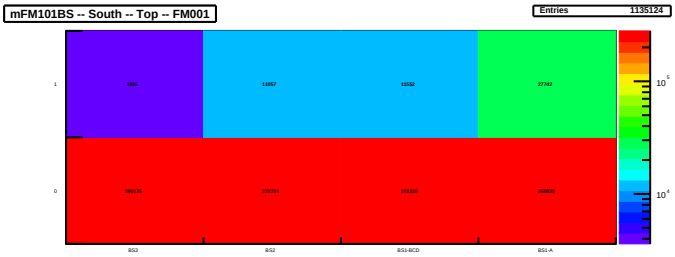

FM008
Entries 2270248
Sum
chn

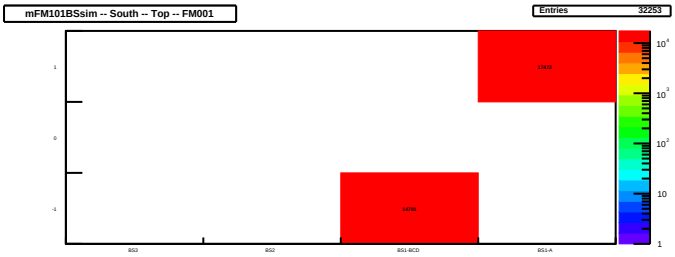

FM009
Entries 2270248
Sum
chn


FM010
Entries 2270248
Sum
chn


FM011
Entries 2270248
Sum
chn


FM012
Entries 2270248
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1135124
BS3
BS2
BS1-BCD
BS1-A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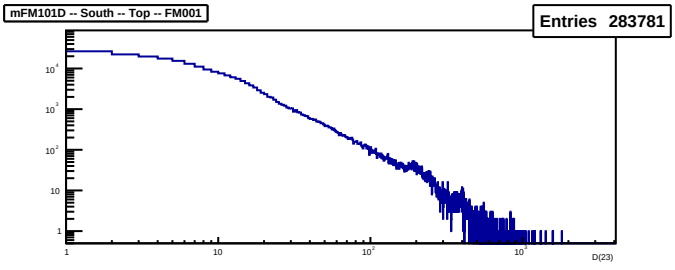
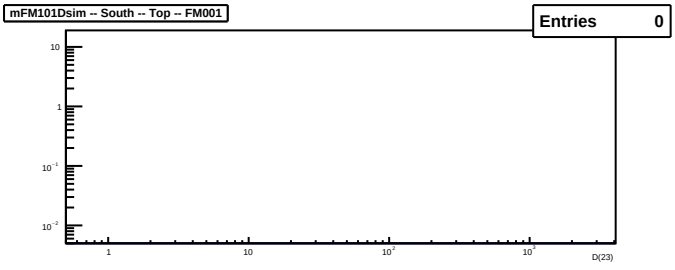
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 283781
D(23)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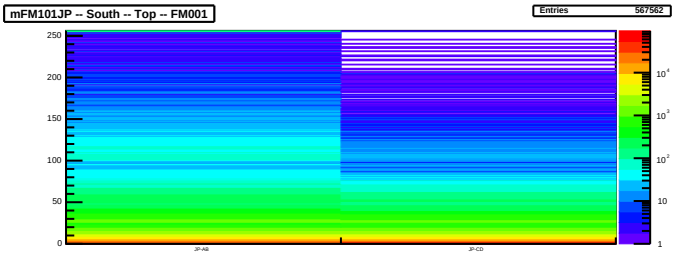
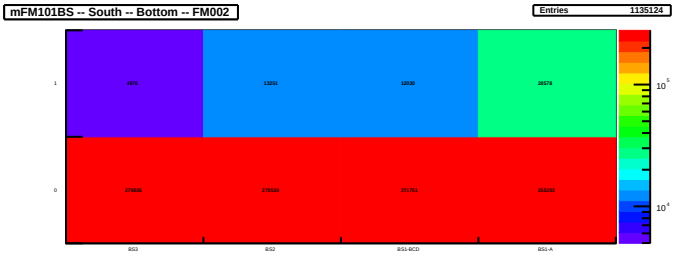
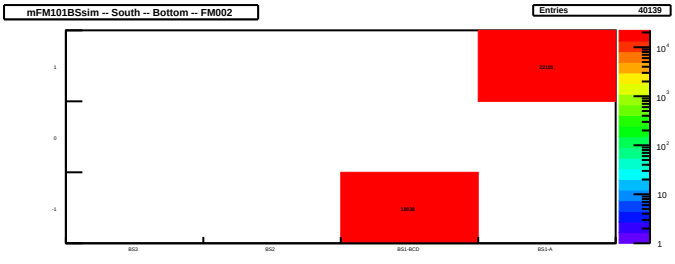
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 567562
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1135124
BS3
BS2
BS1-BCD
BS1-A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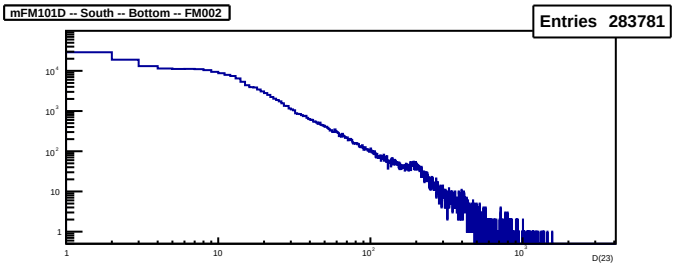
Entries 40139
BS3
BS2
BS1-BCD
BS1-A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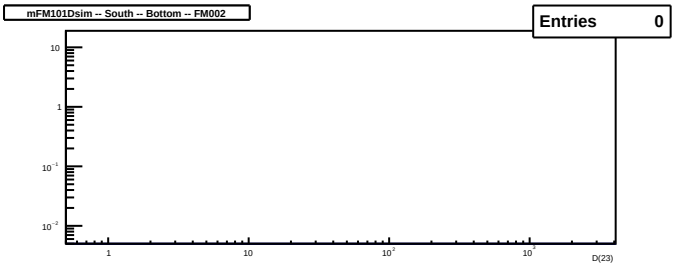
Entries 283781
D(23)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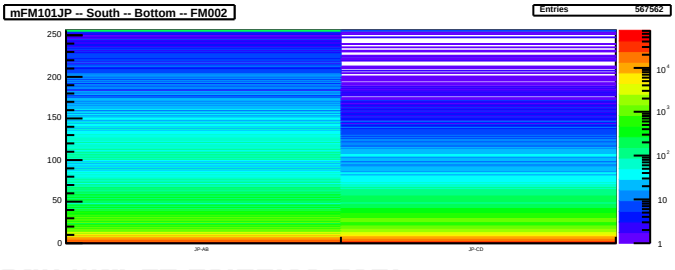
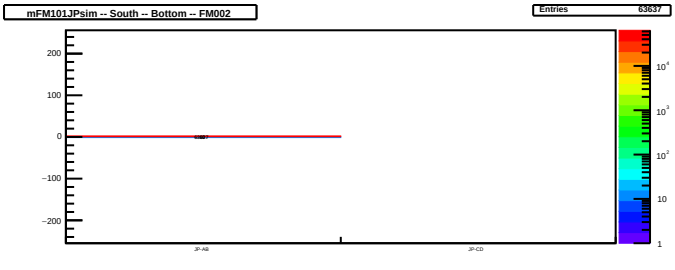
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 567562
JP-AB
JP-CD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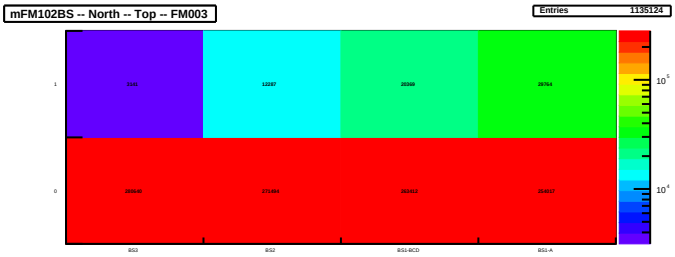
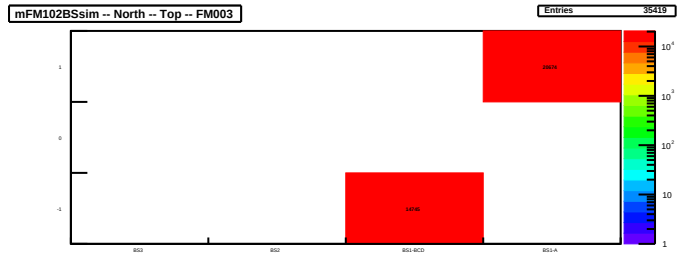
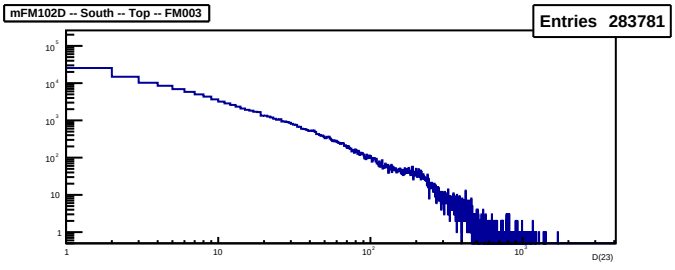
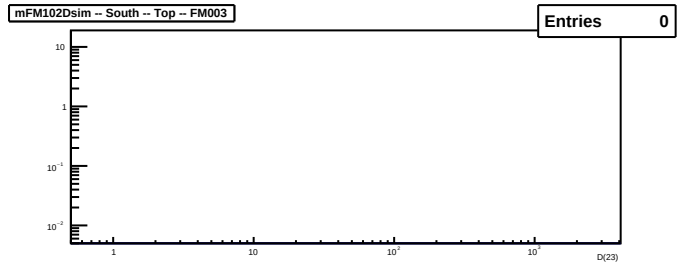
Entries 63637
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1135124
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 35419
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 283781
D(23)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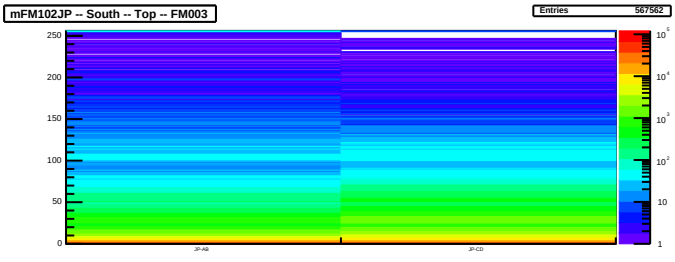
Entries 0
D(23)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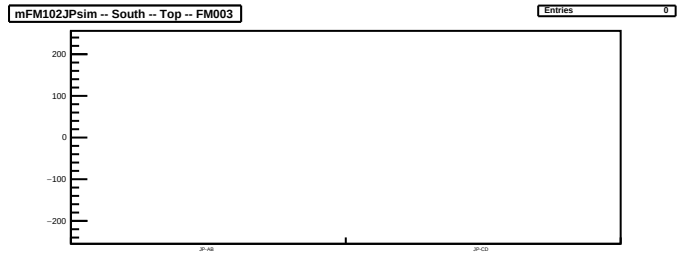
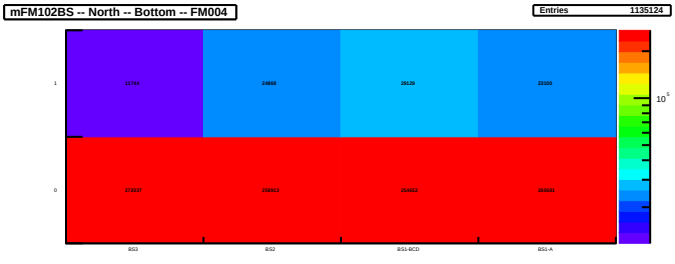
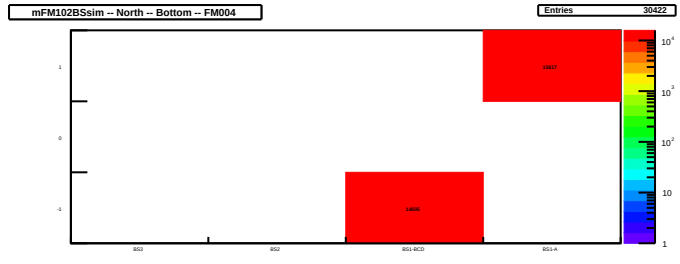
Entries 567562
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 1135124
BS3
BS2
BS1-BCD
BS1-A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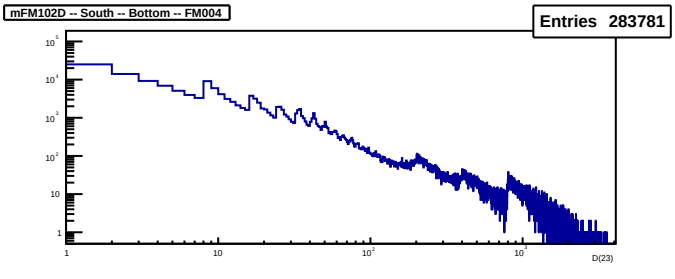
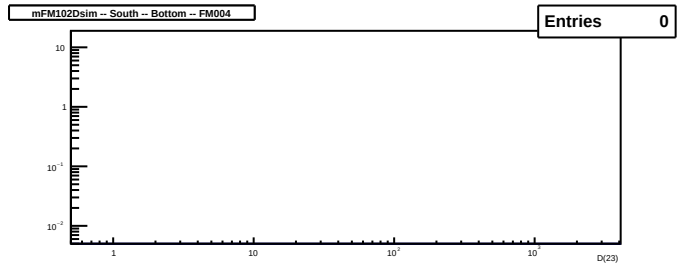
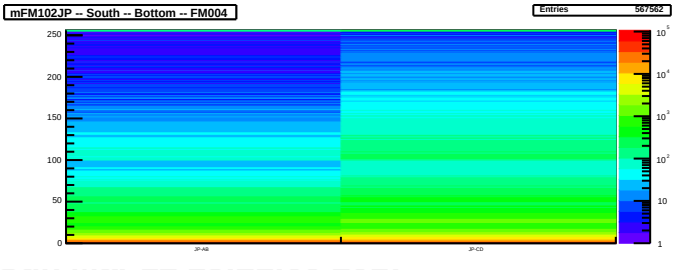
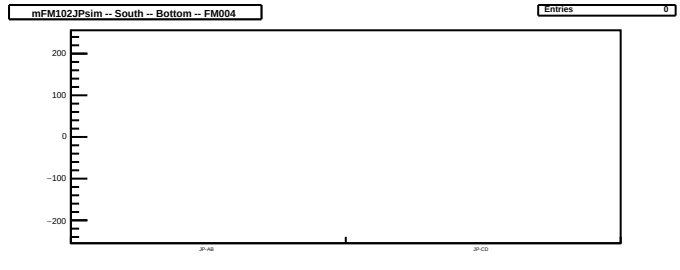
Entries 30422
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 283781
D(23)


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


mFM102JP -- South -- Bottom -- FM004
Entries 567562
JP-AB
JP-CD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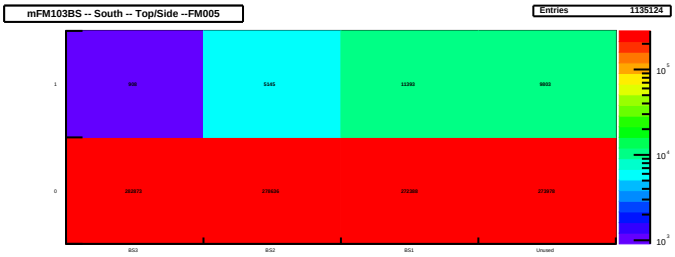
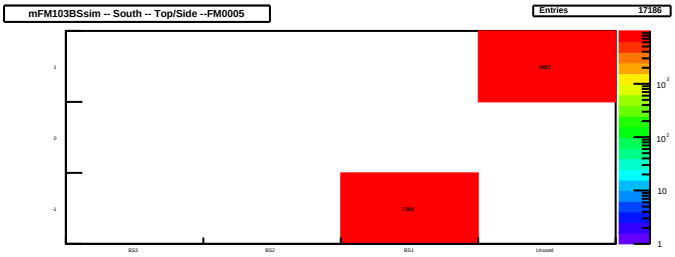
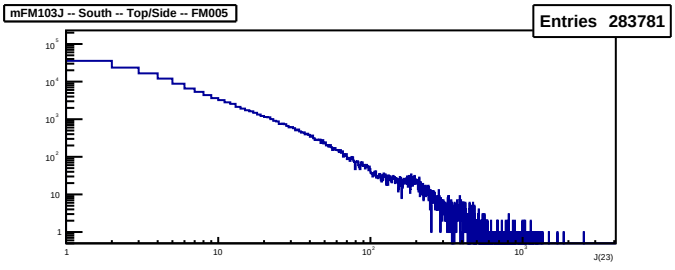
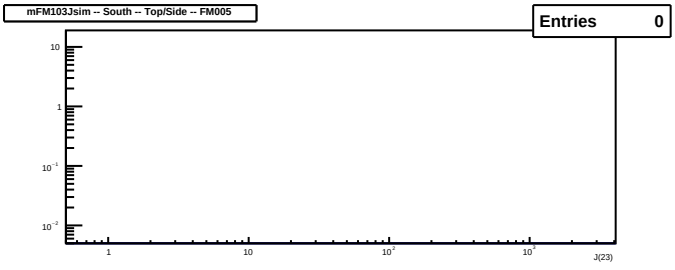
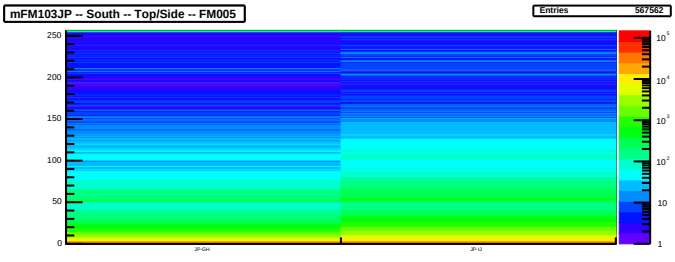
Entries 0
JP-AB
JP-CD

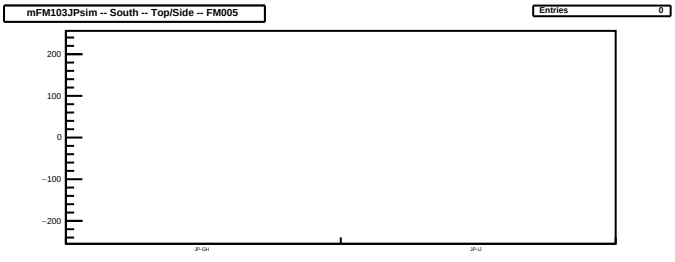

mFM103BS -- South -- Top/Side --FM005
Entries 1135124
BS3
BS2
BS1
Unused

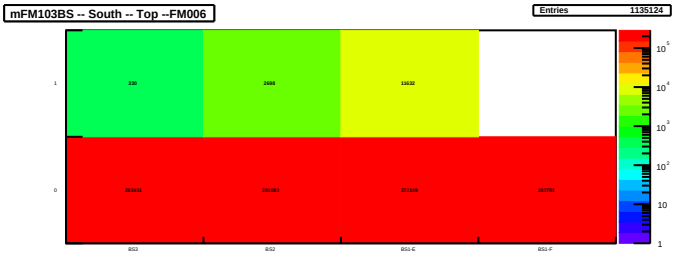

mFM103BSsim -- South -- Top/Side --FM0005
Entries 17186
BS3
BS2
BS1
Unused

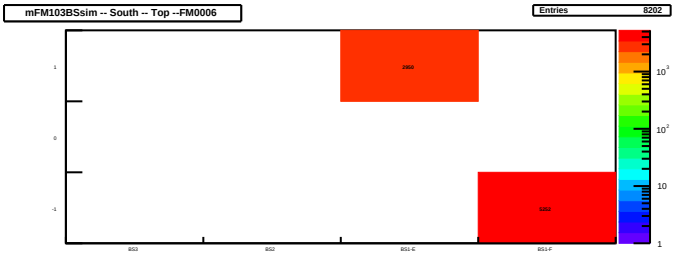

mFM103J -- South -- Top/Side -- FM005
Entries 283781
J(23)

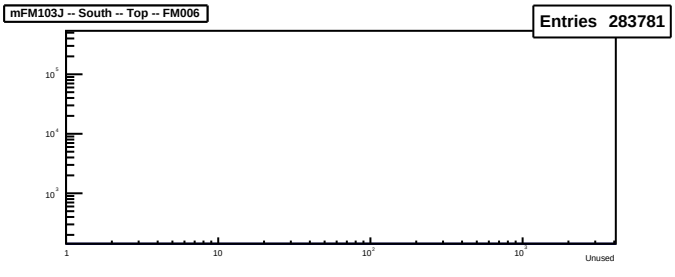

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

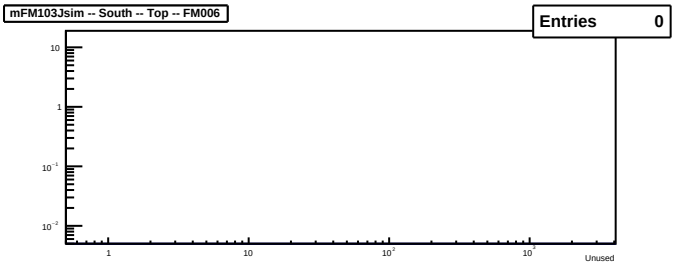

mFM103JP -- South -- Top/Side -- FM005
Entries 567562
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 1135124
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 8202
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 283781
Unused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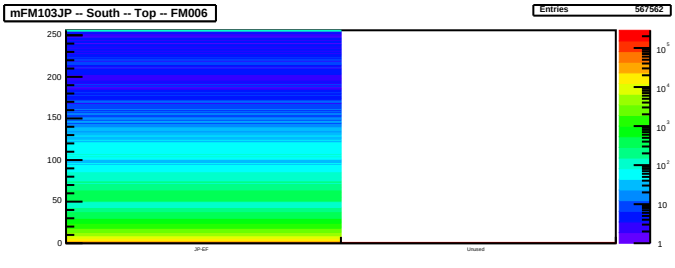
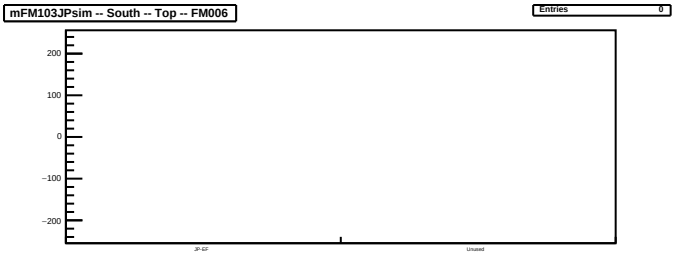
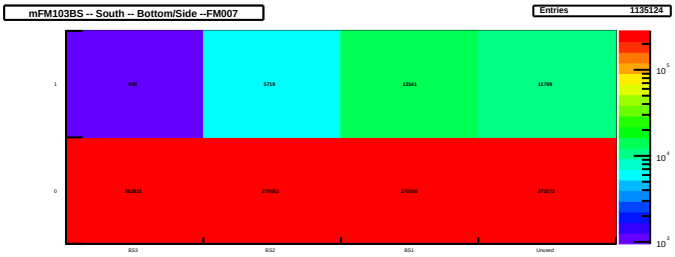
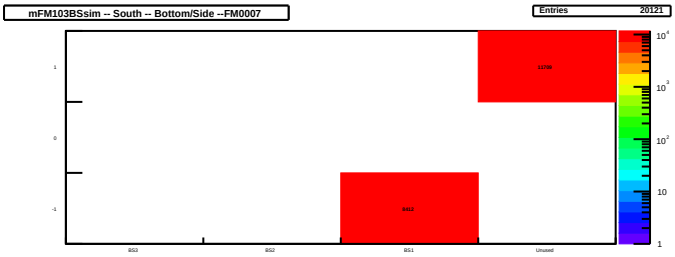
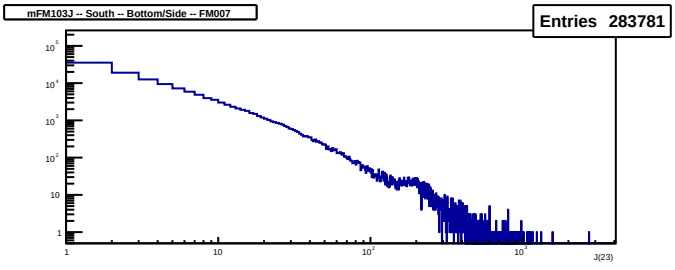
Entries 0
Unused

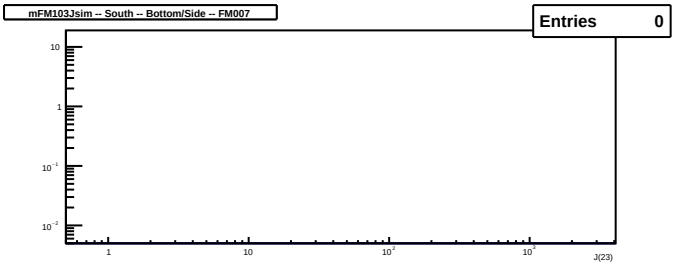

mFM103JP -- South -- Top -- FM006
Entries 567562
JP-EF
Unused

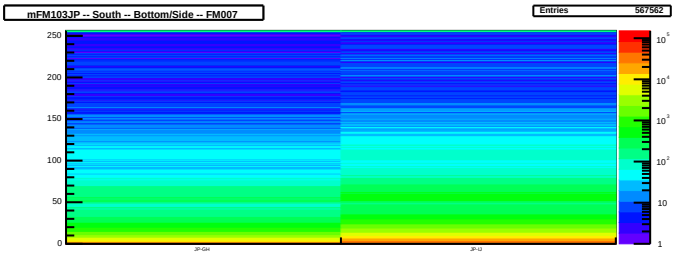

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

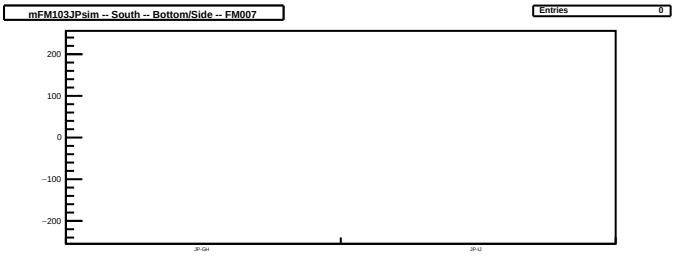

mFM103BS -- South -- Bottom/Side --FM007
Entries 1135124
850
5719
13541
11709
283831
276662
270240
272072
BS3
BS2
BS1
Unused

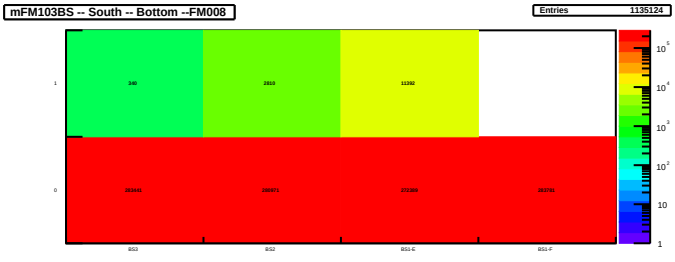

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 20121
11709
8412
BS3
BS2
BS1
Unused

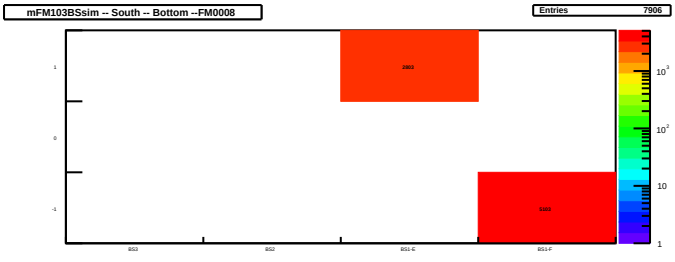

mFM103J -- South -- Bottom/Side -- FM007
Entries 283781
J(23)

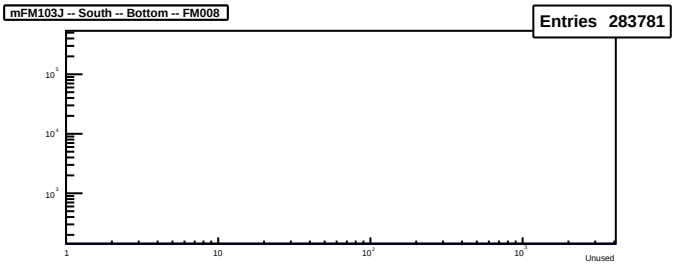

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

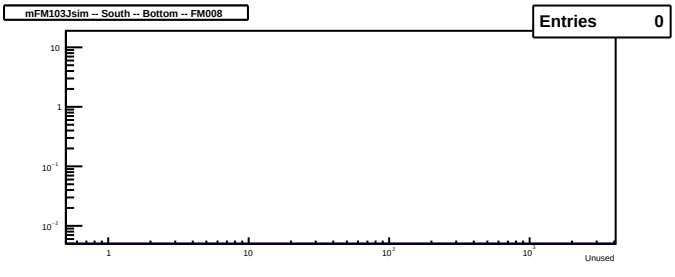

mFM103JP -- South -- Bottom/Side -- FM007
Entries 567562
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 1135124
345
2810
11392
283441
280971
272309
283781
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 7906
2803
5103
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 283781
Unused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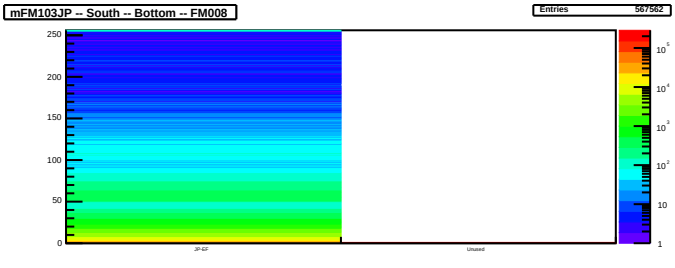
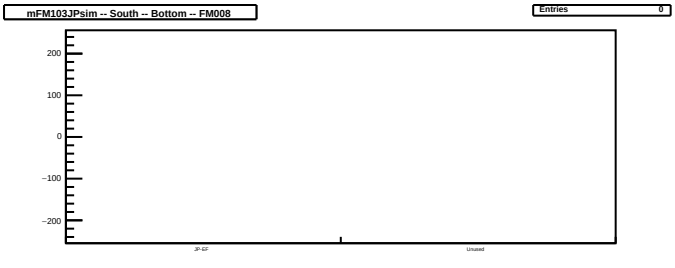
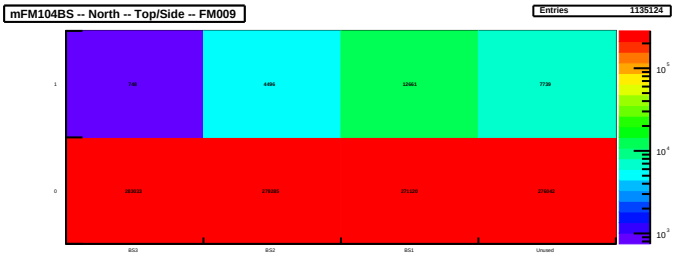
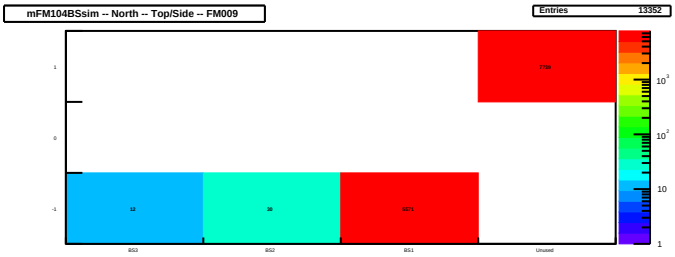
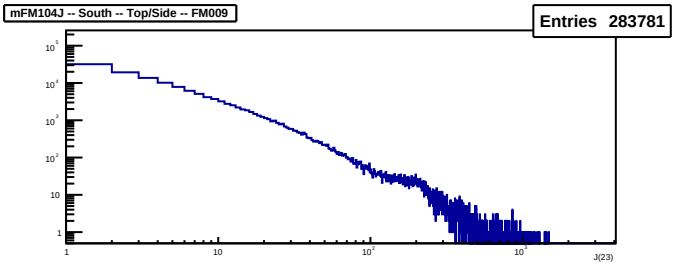
Entries 0
Unused

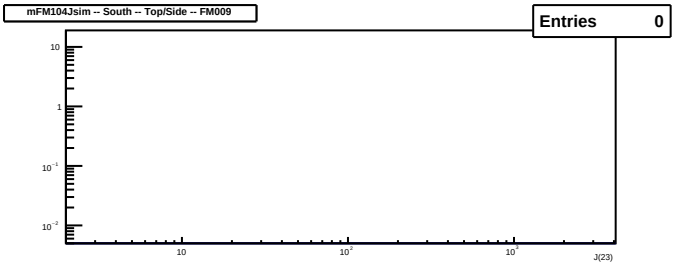

mFM103JP -- South -- Bottom -- FM008
Entries 567562
JP-EF
Unused

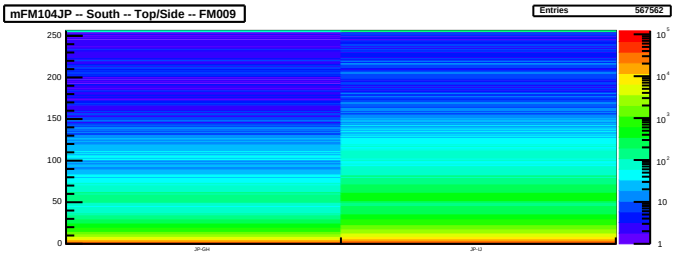

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

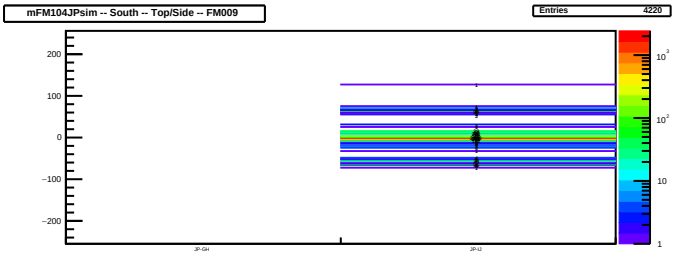

mFM104BS -- North -- Top/Side -- FM009
Entries 1135124

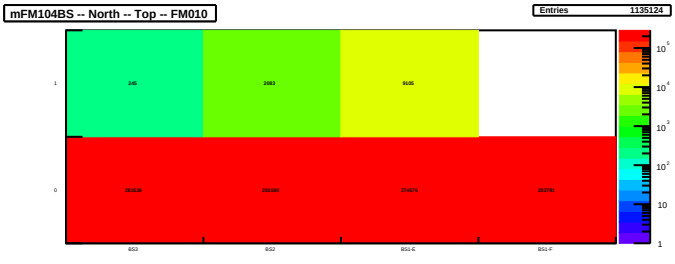

mFM104BSsim -- North -- Top/Side -- FM009
Entries 13352

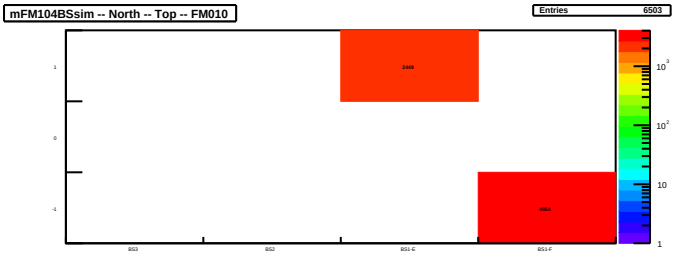

mFM104J -- South -- Top/Side -- FM009
Entries 283781
J(23)

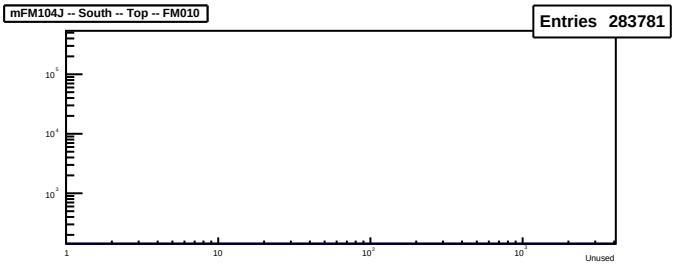

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

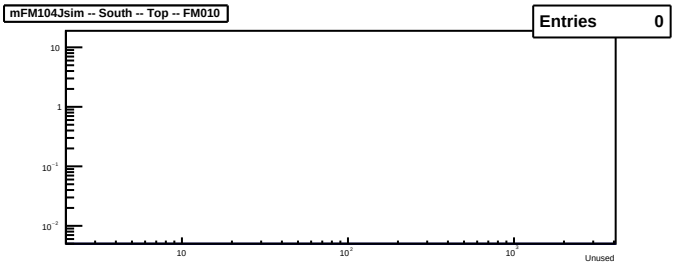

mFM104JP -- South -- Top/Side -- FM009
Entries 567562

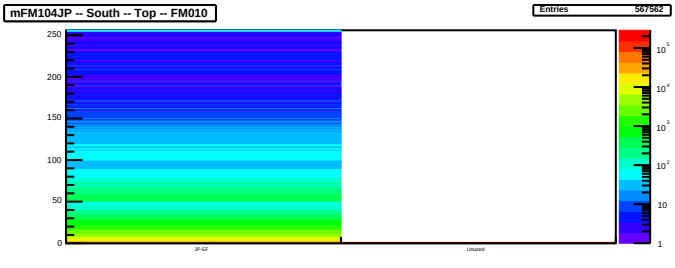

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4220

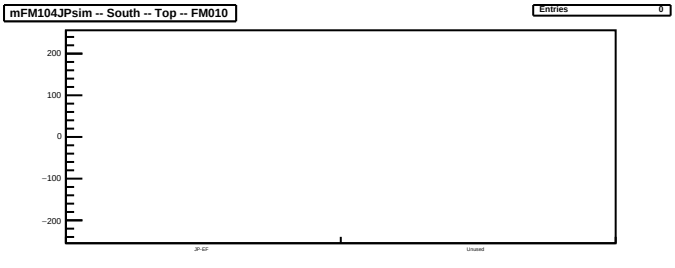

mFM104BS -- North -- Top -- FM010
Entries 1135124

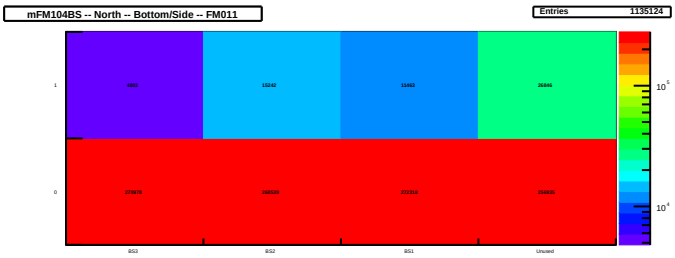

mFM104BSsim -- North -- Top -- FM010
Entries 6503

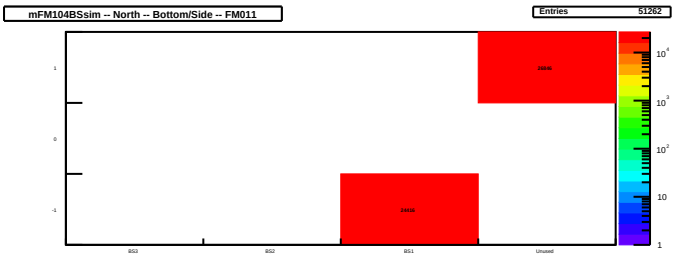

mFM104J -- South -- Top -- FM010
Entries 283781
Unused

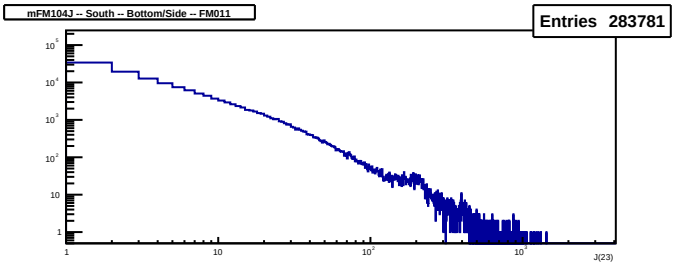

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

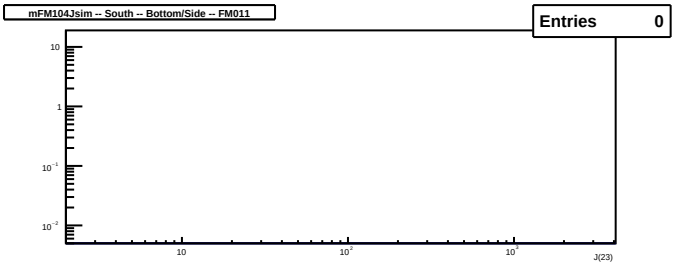

mFM104JP -- South -- Top -- FM010
Entries 567562

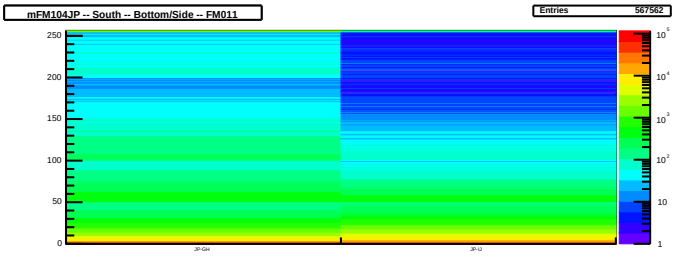

mFM104JPsim -- South -- Top -- FM010
Entries 0

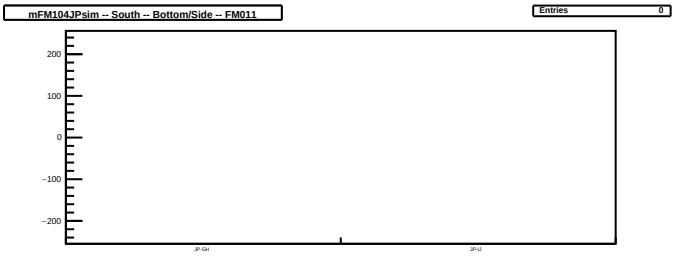

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1135124
4101
15242
11463
24846
276970
268539
272316
268935
BS3
BS2
BS1
Unused

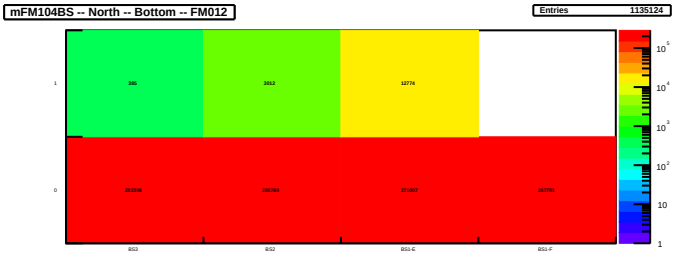

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 51262
24846
24416
BS3
BS2
BS1
Unused

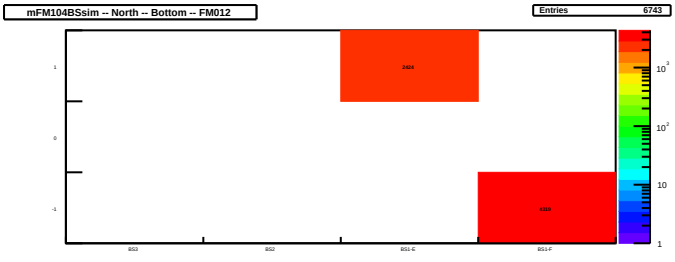

mFM104J -- South -- Bottom/Side -- FM011
Entries 283781
J(23)

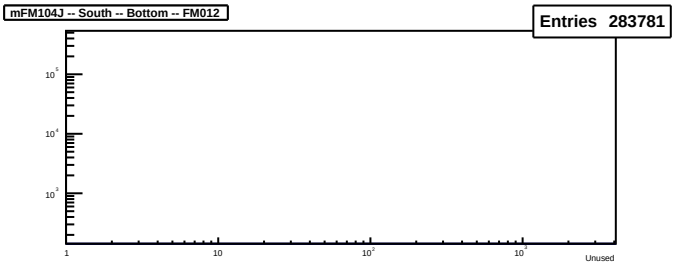

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

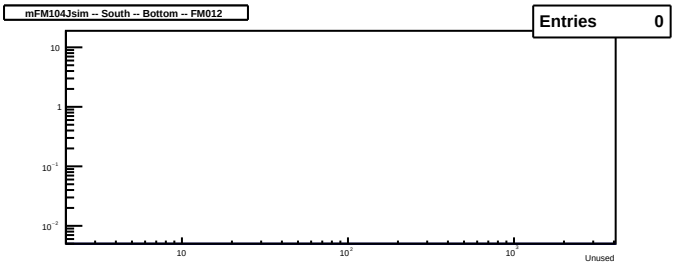

mFM104JP -- South -- Bottom/Side -- FM011
Entries 567562
JP-GH
JP-IJ

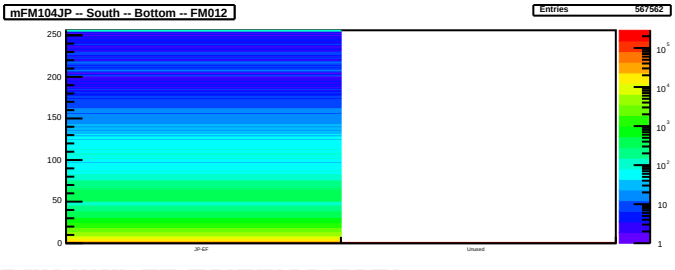

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

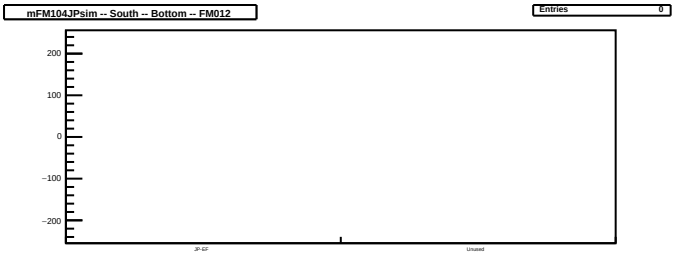

mFM104BS -- North -- Bottom -- FM012
Entries 1135124
385
3612
12774
282206
280769
271007
283781
BS3
BS2
BS1-E
BS1-F

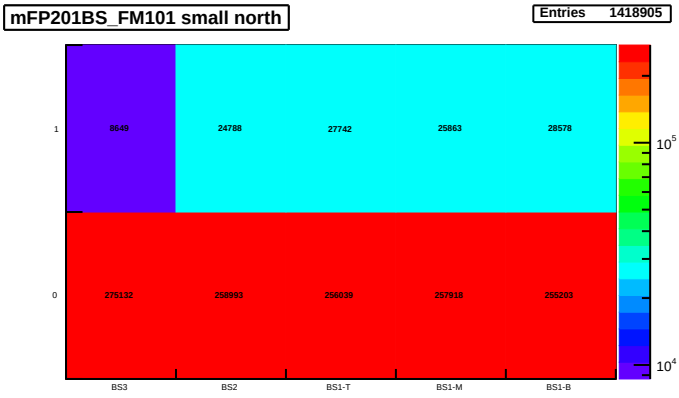

mFM104BSsim -- North -- Bottom -- FM012
Entries 6743
2424
4319
BS3
BS2
BS1-E
BS1-F

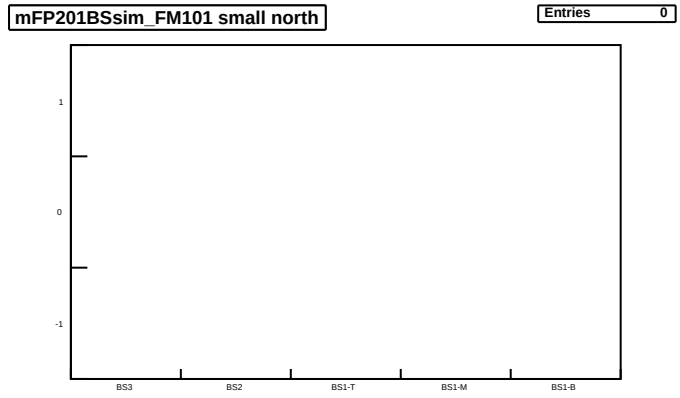

mFM104J -- South -- Bottom -- FM012
Entries 283781
Unused

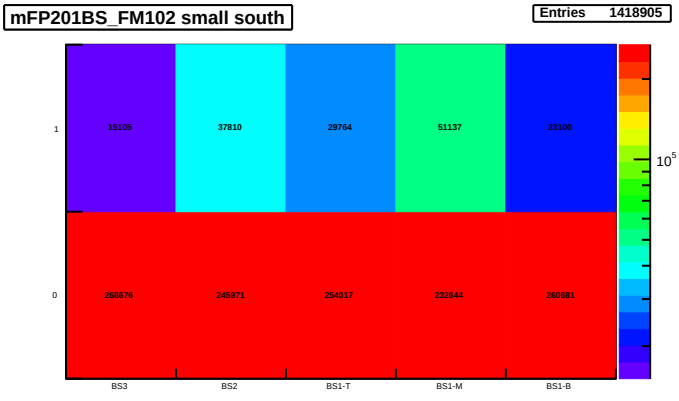

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

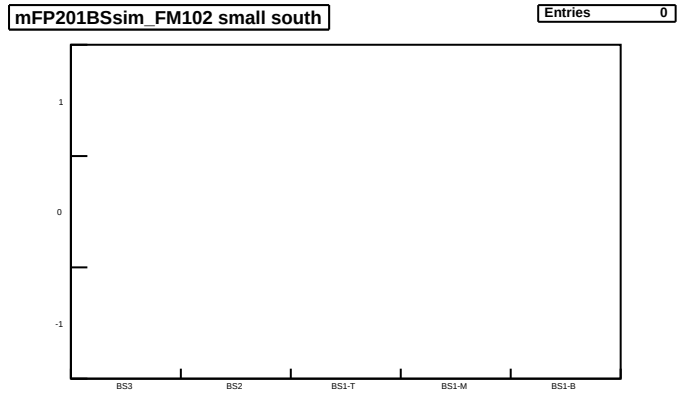

mFM104JP -- South -- Bottom -- FM012
Entries 567562
JP-EF
Unused

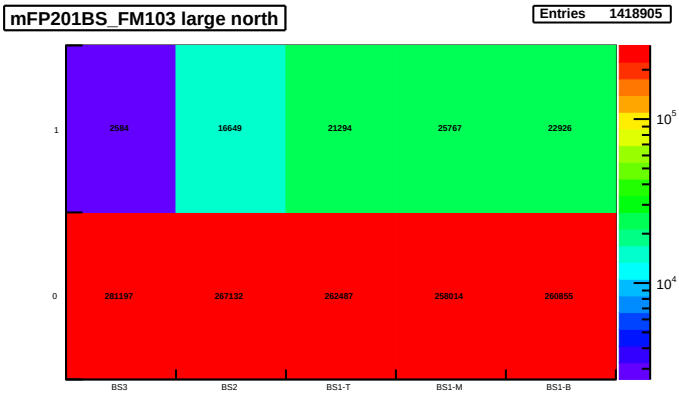

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

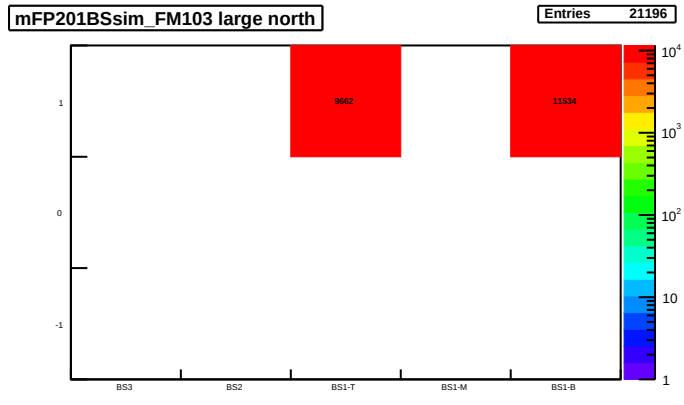

mFP201BS_FM101 small north
Entries 1418905
8649
24788
27742
25863
28578
275132
258993
256039
257918
255203
BS3
BS2
BS1-T
BS1-M
BS1-B

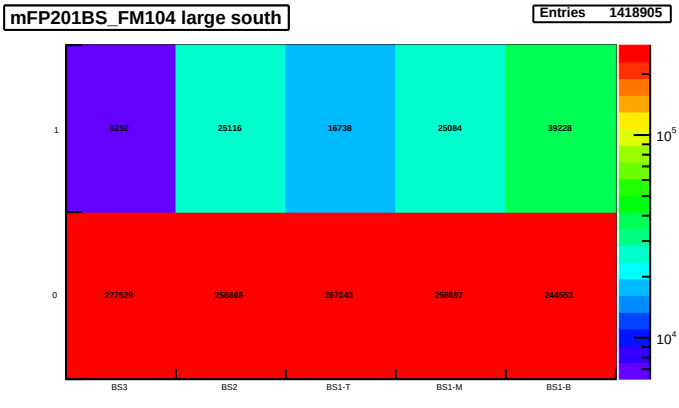

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

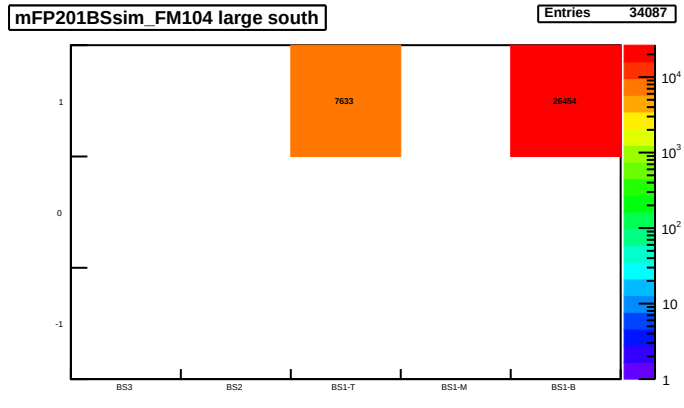

mFP201BS_FM102 small south
Entries 1418905
15105
37810
29764
51137
23100
268676
245971
254017
232644
260681
BS3
BS2
BS1-T
BS1-M
BS1-B

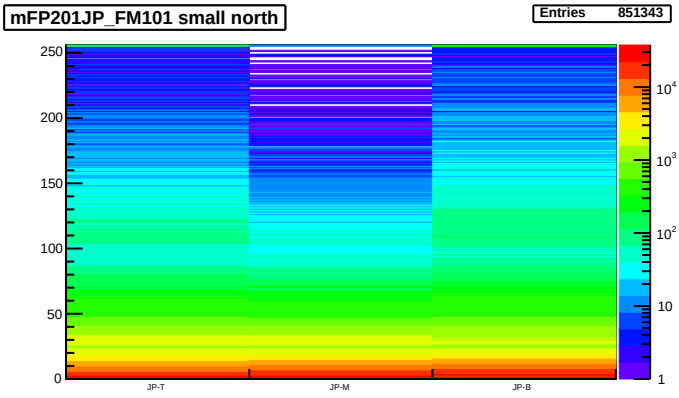

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

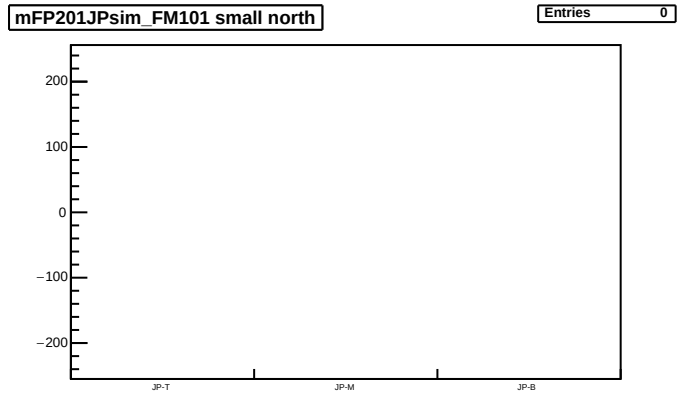

mFP201BS_FM103 large north
Entries 1418905
2584
16649
21294
25767
22926
281197
267132
262487
258014
260855
BS3
BS2
BS1-T
BS1-M
BS1-B

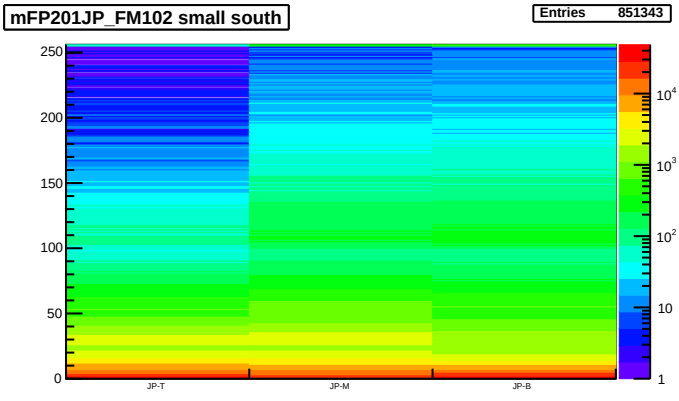

mFP201BSsim_FM103 large north
Entries 21196
9662
11534
BS3
BS2
BS1-T
BS1-M
BS1-B

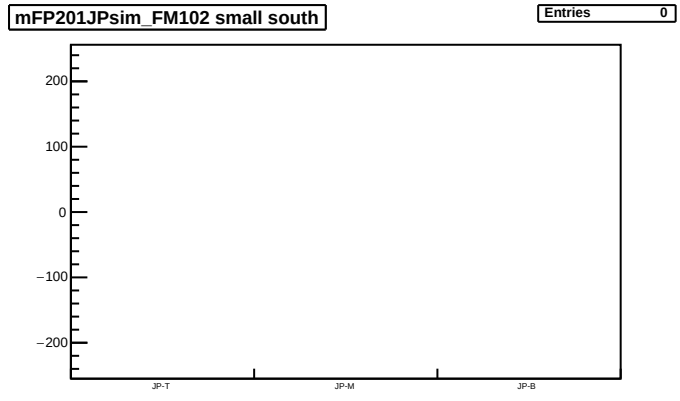

mFP201BS_FM104 large south
Entries 1418905
6252
25116
16738
25084
39228
277529
258665
267043
258697
244553
BS3
BS2
BS1-T
BS1-M
BS1-B

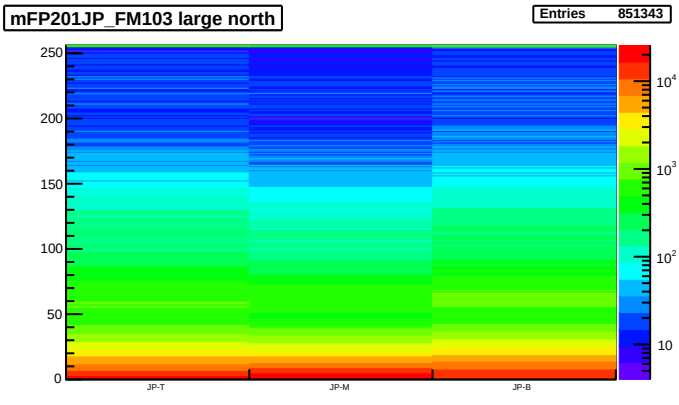

mFP201BSsim_FM104 large south
Entries 34087
7633
26454
BS3
BS2
BS1-T
BS1-M
BS1-B

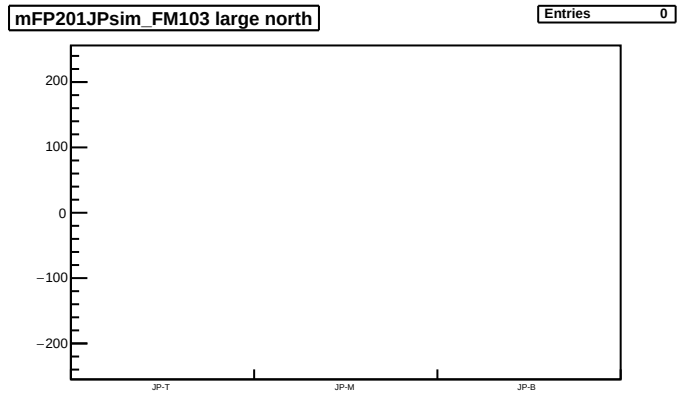

mFP201JP_FM101 small north
Entries 851343
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10
1

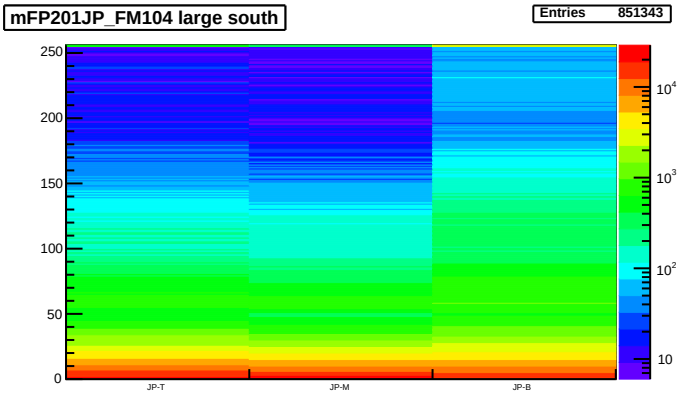

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

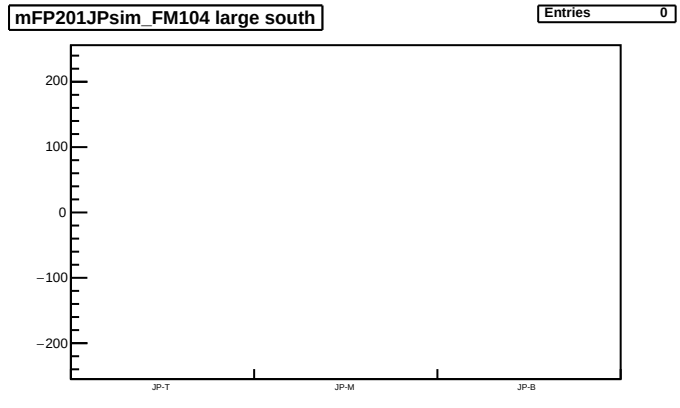

mFP201JP_FM102 small south
Entries 851343
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10
1

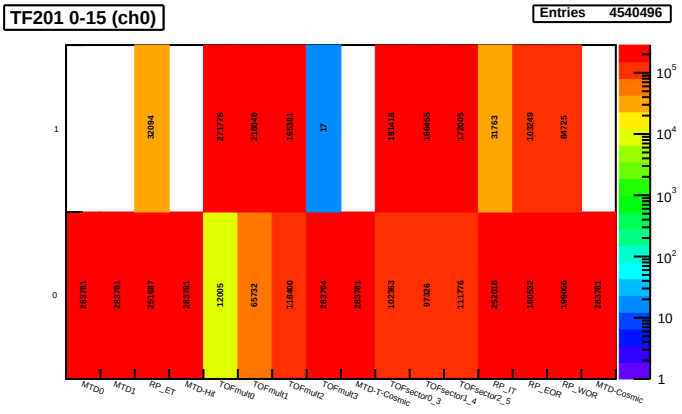

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

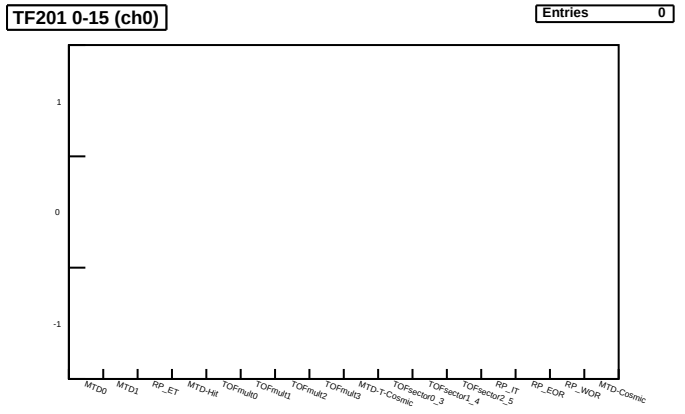

mFP201JP_FM103 large north
Entries 851343
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10

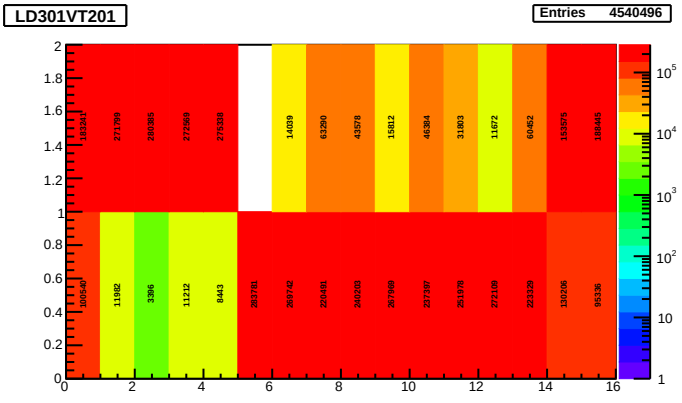

mFP201JPsim_FM103 large north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

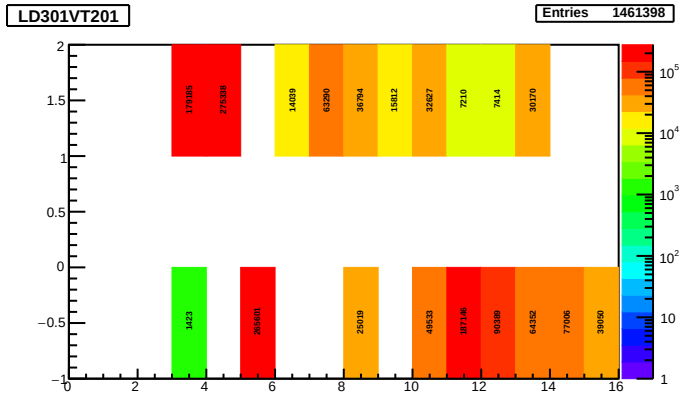

mFP201JP_FM104 large south
Entries 851343
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10

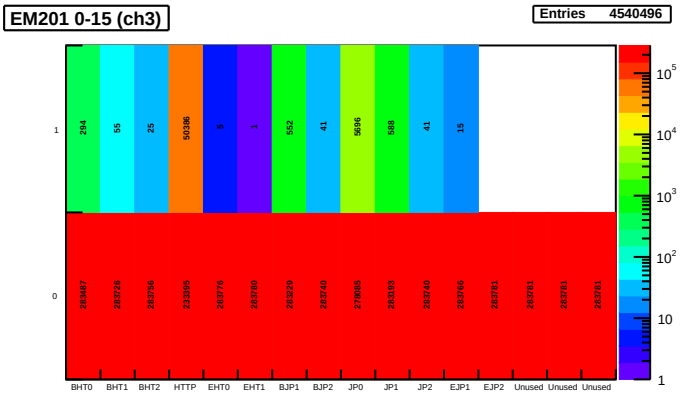

mFP201JPsim_FM104 large south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

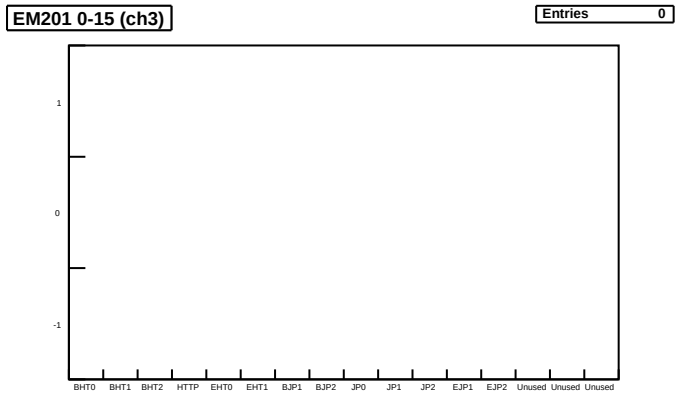

TF201 0-15 (ch0)
Entries 4540496
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

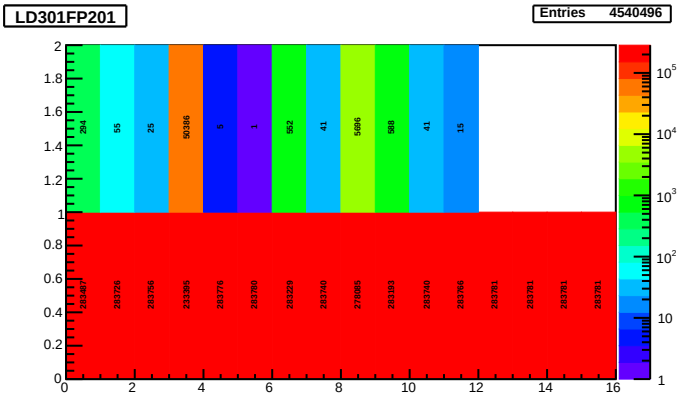

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

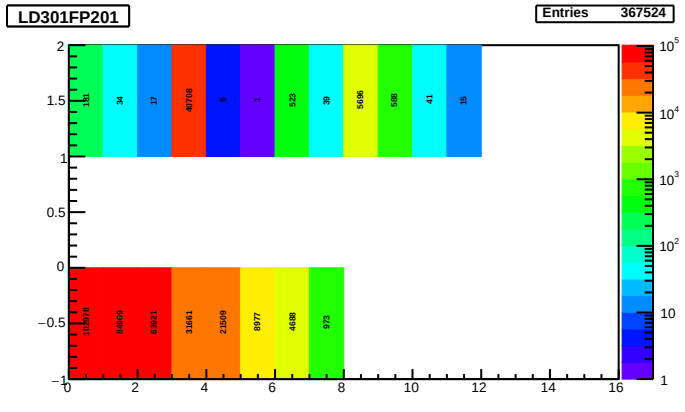

LD301VT201
Entries 4540496


LD301VT201
Entries 1461398


EM201 0-15 (ch3)
Entries 4540496
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 4540496


LD301FP201
Entries 367524