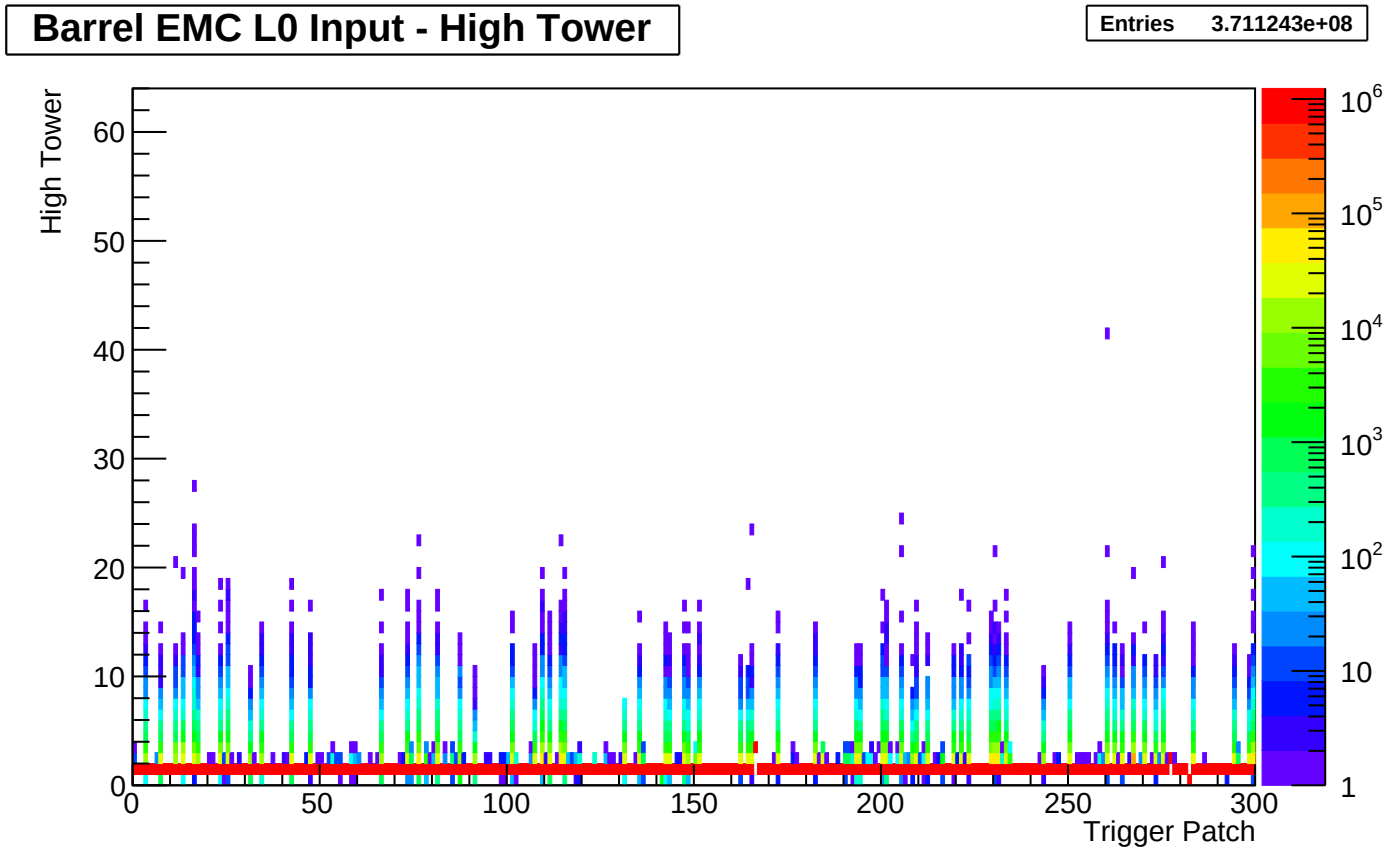
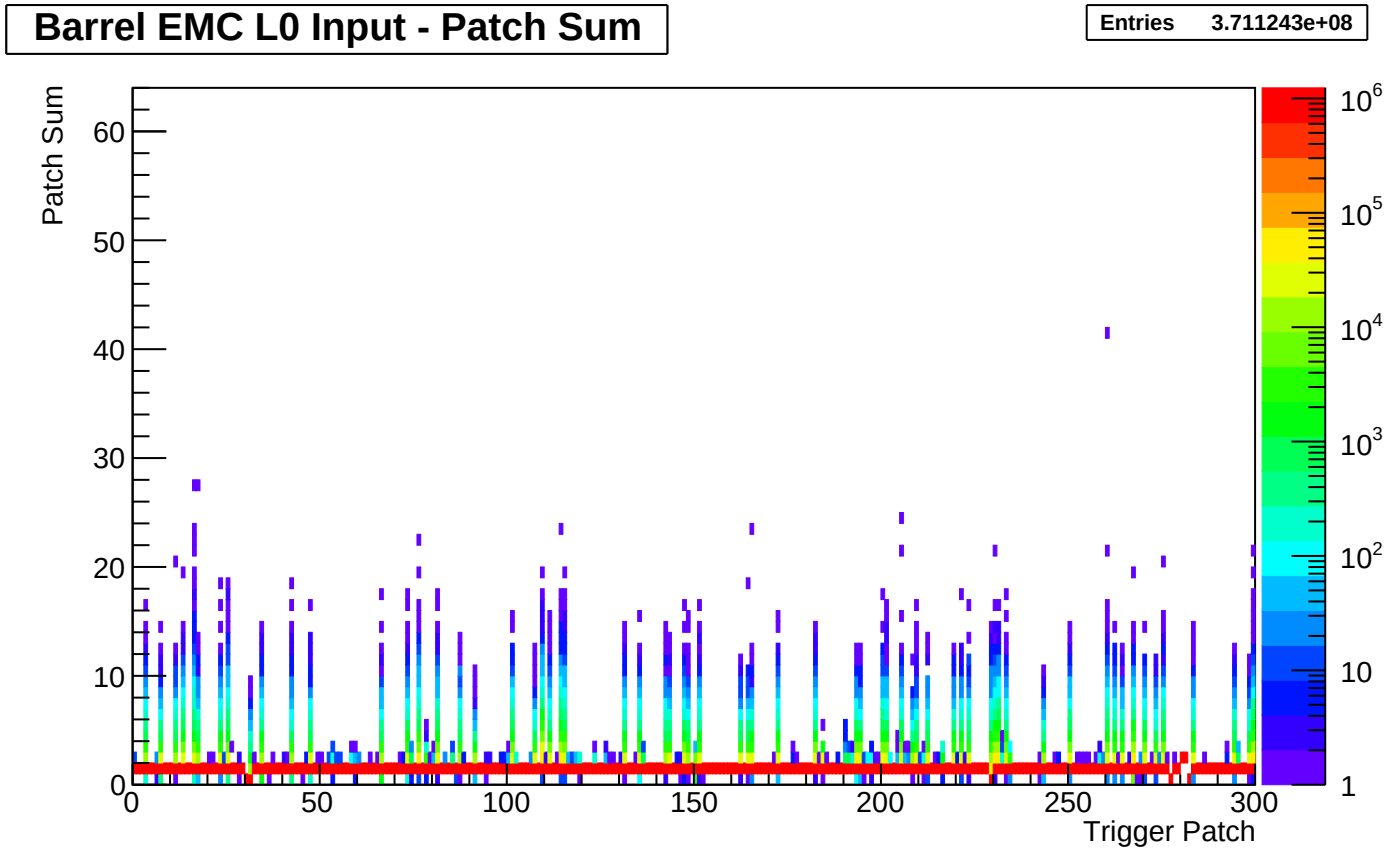
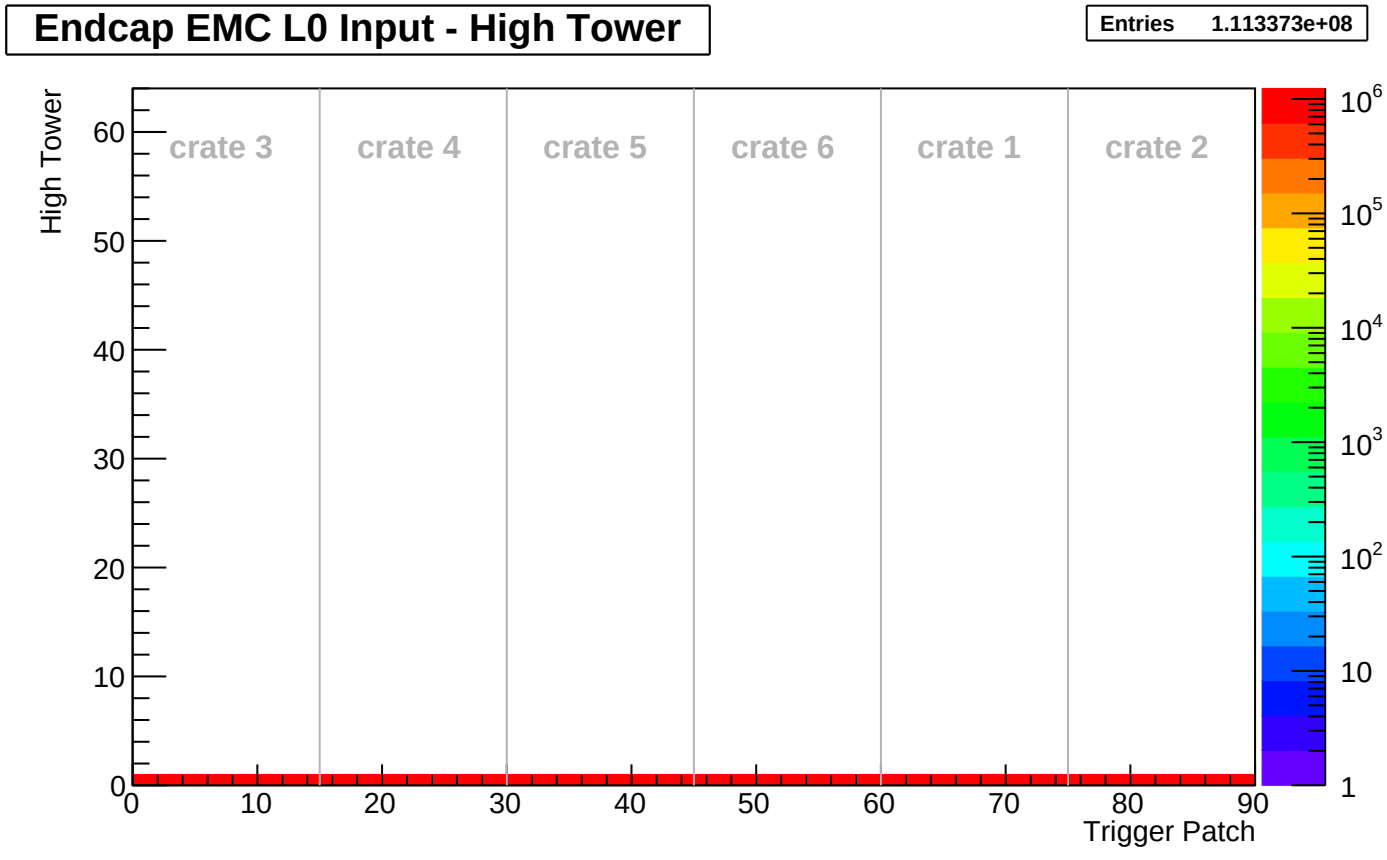
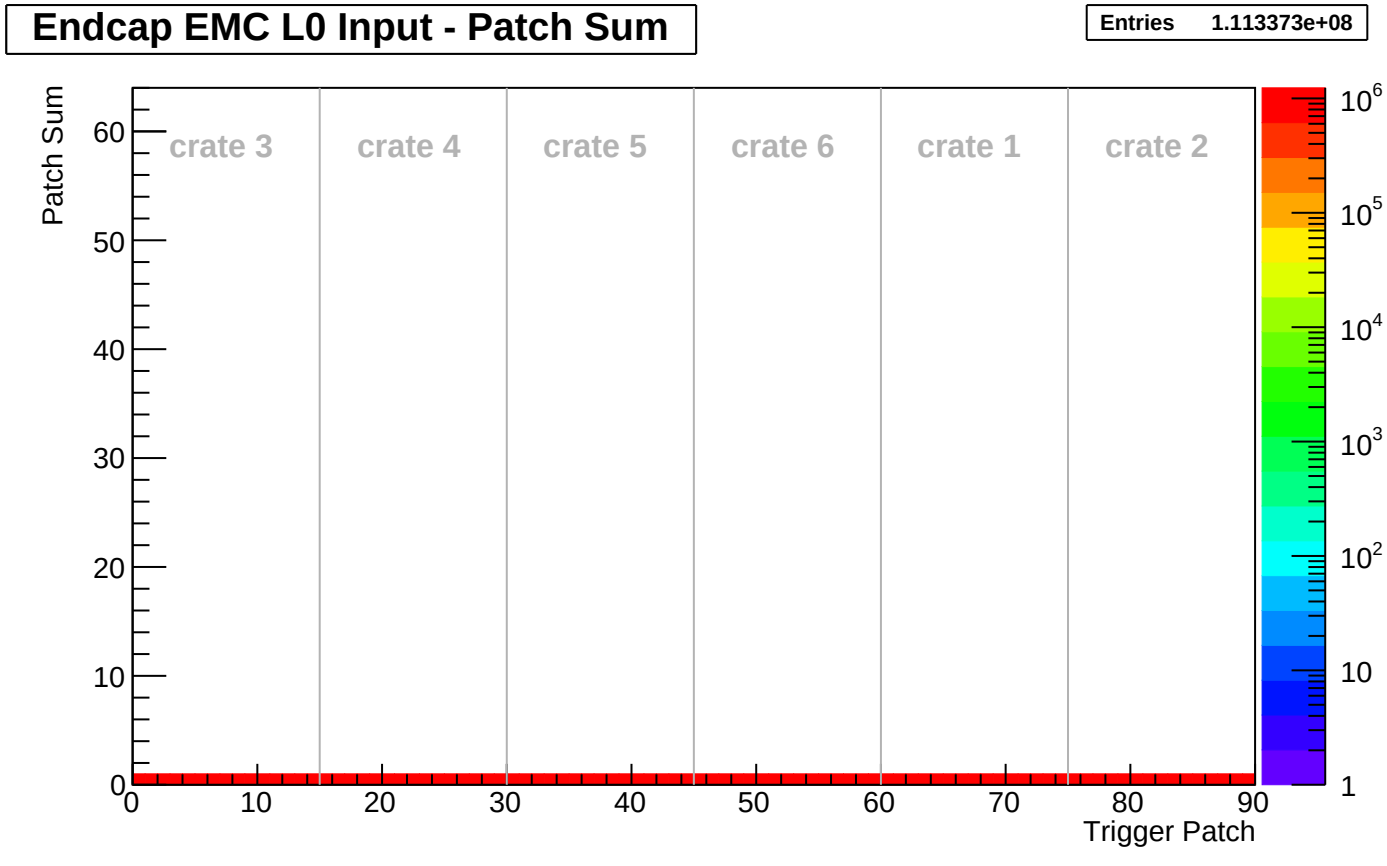
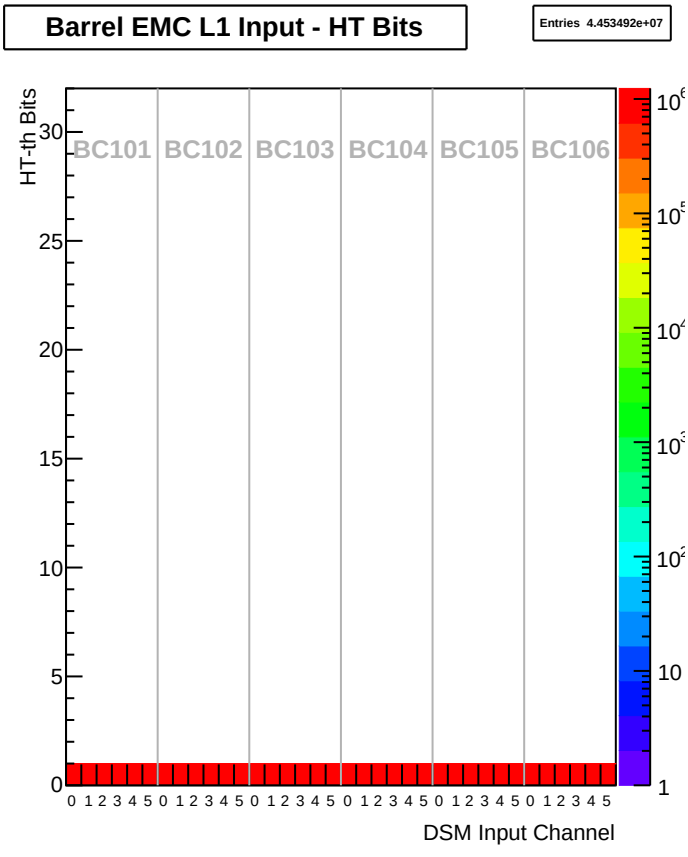
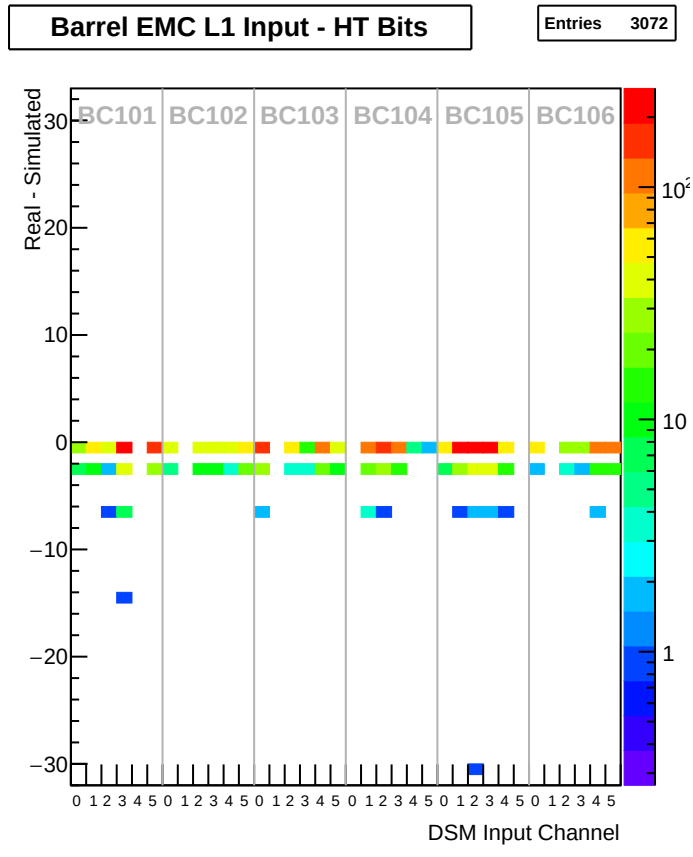

Barrel EMC L0 Input - High Tower
Entries 3.711243e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

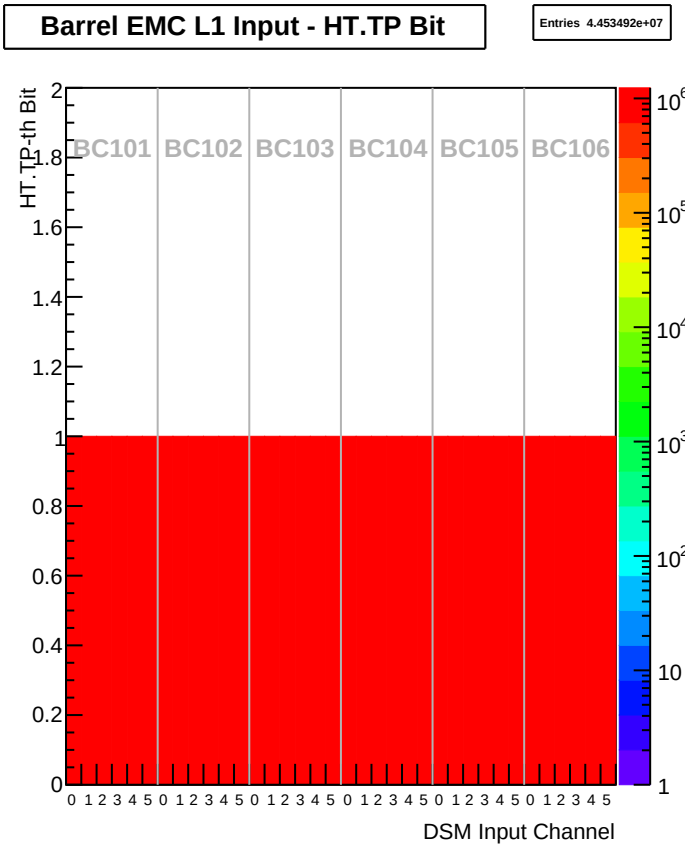

Barrel EMC L0 Input - Patch Sum
Entries 3.711243e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

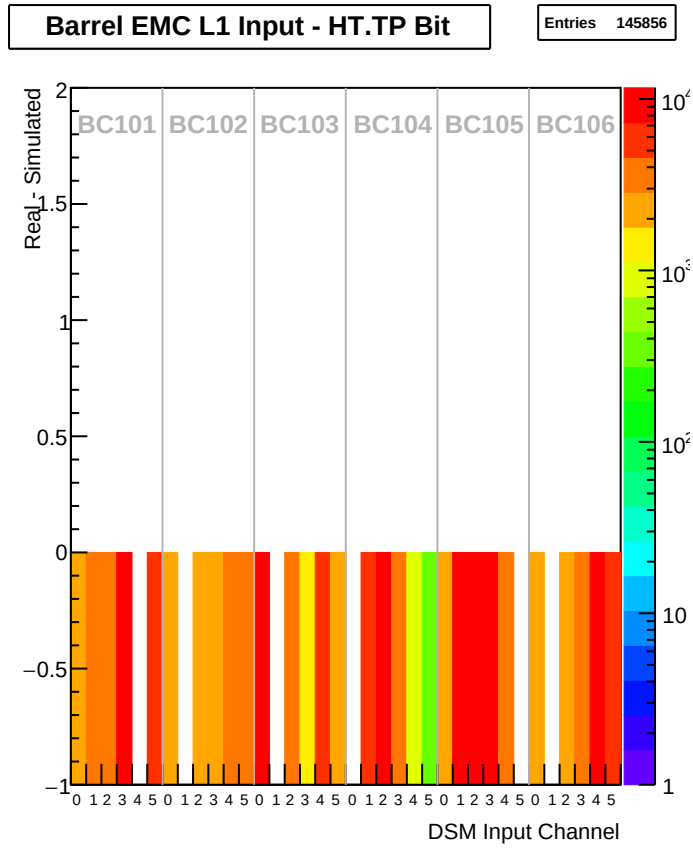

Endcap EMC L0 Input - High Tower
Entries 1.113373e+08
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

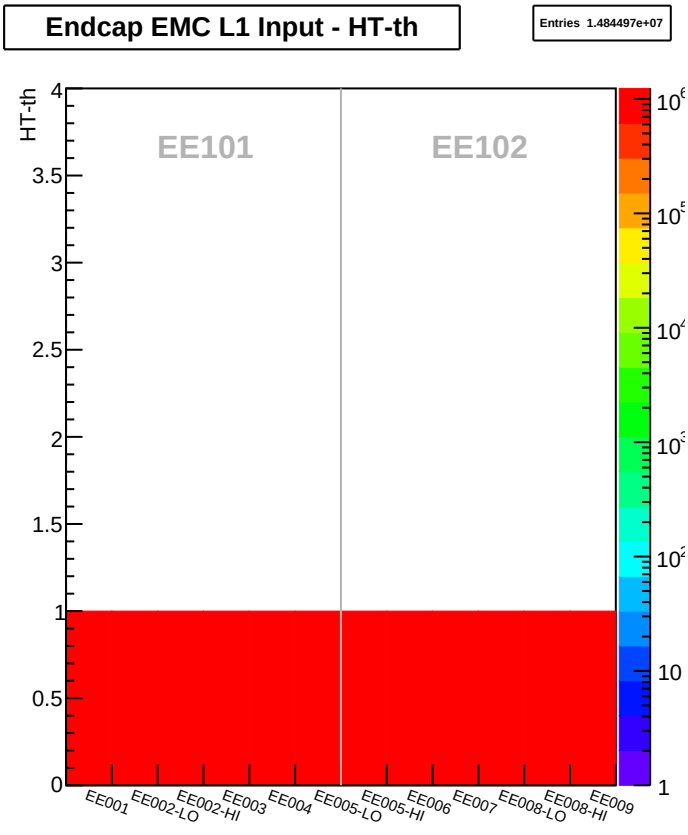

Endcap EMC L0 Input - Patch Sum
Entries 1.113373e+08
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

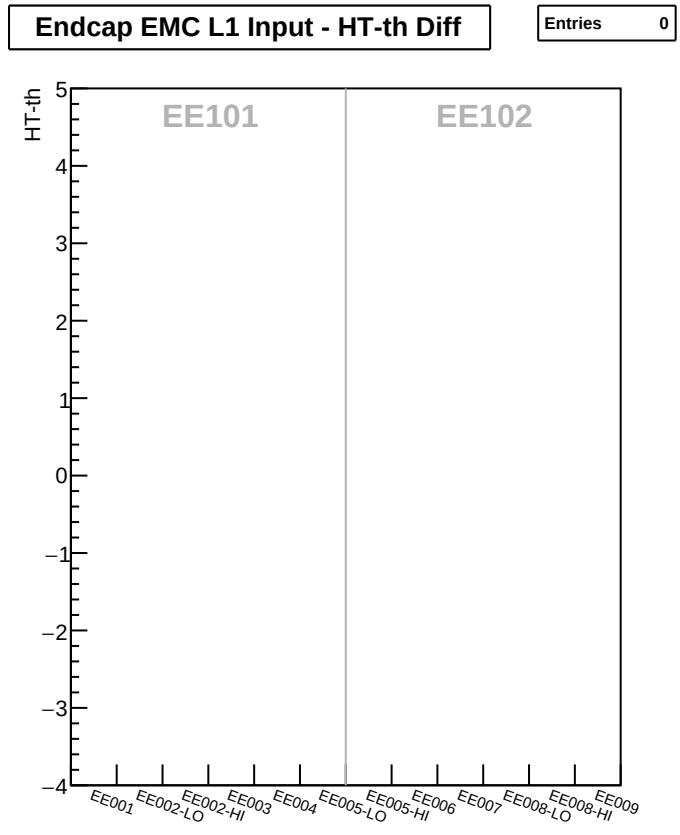

Barrel EMC L1 Input - HT Bits
Entries 4.453492e+07
HT-th Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

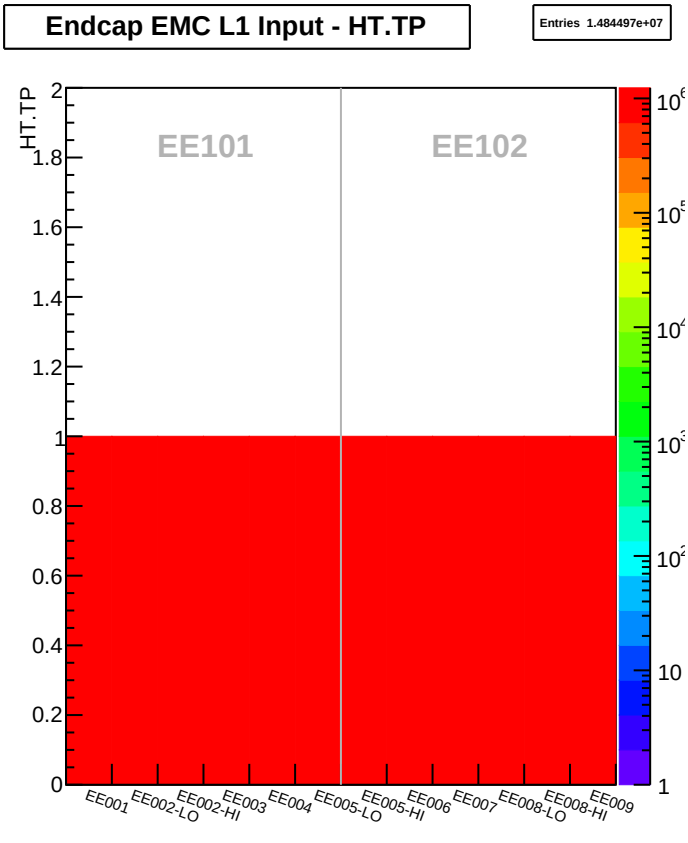

Barrel EMC L1 Input - HT Bits
Entries 3072
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

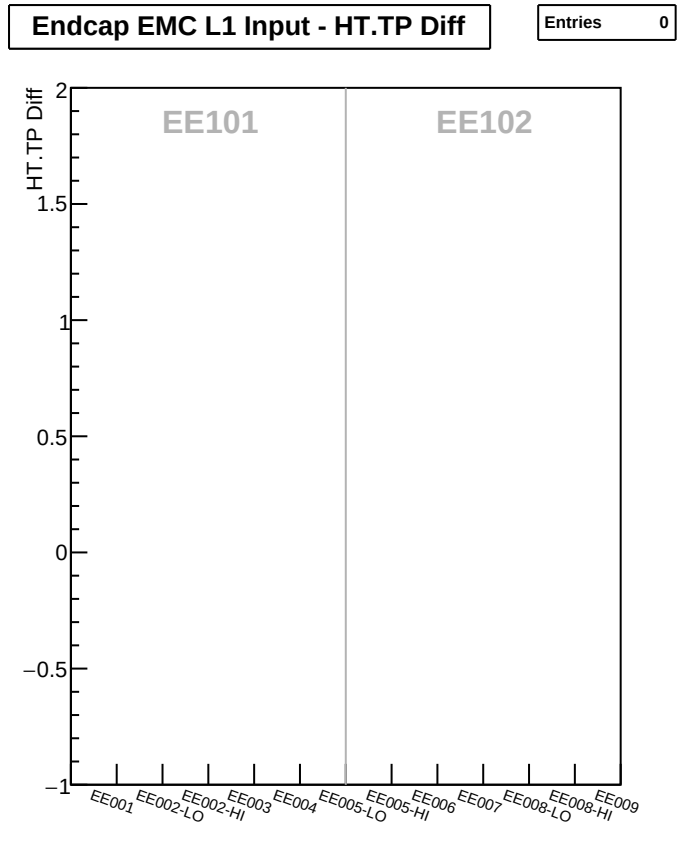

Barrel EMC L1 Input - HT.TP Bit
Entries 4.453492e+07
HT.TP-th Bit
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

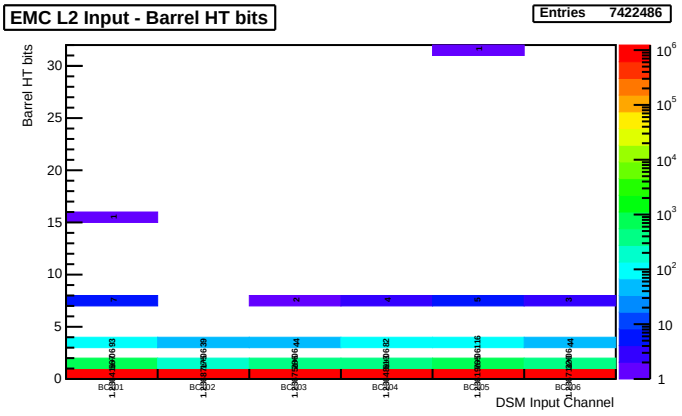

Barrel EMC L1 Input - HT.TP Bit
Entries 145856
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

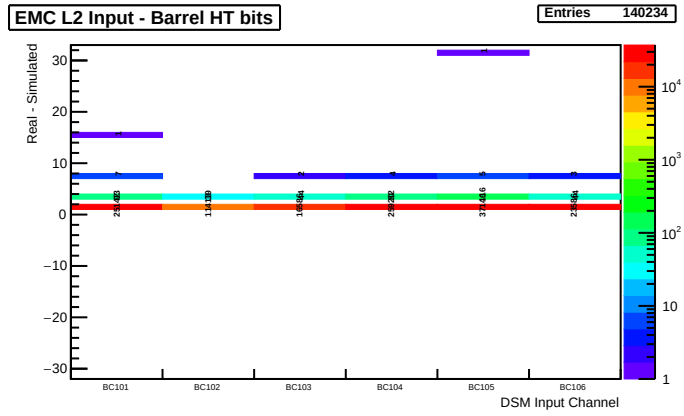

Endcap EMC L1 Input - HT-th
Entries 1.484497e+07
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

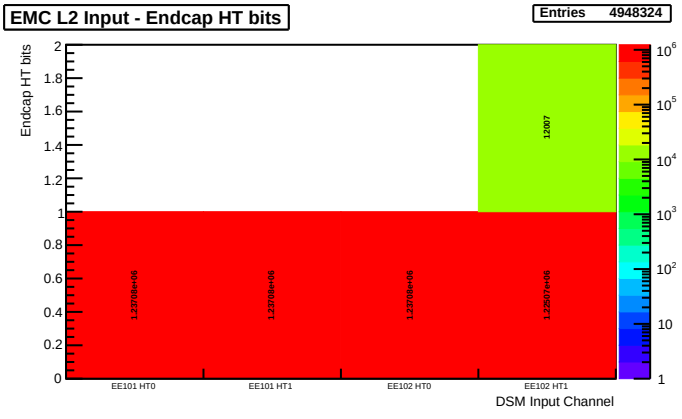

Endcap EMC L1 Input - HT-th Diff
Entries 0
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

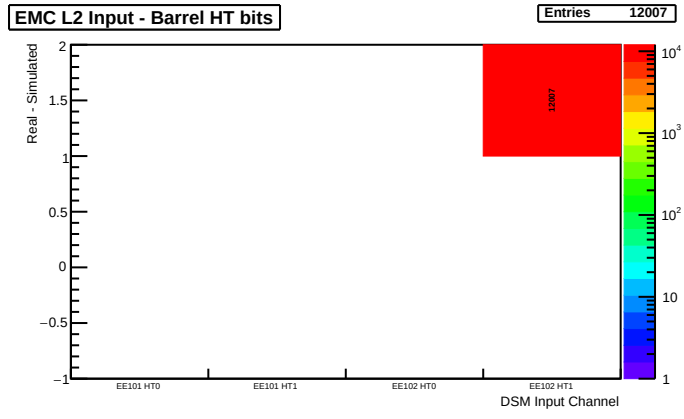

Endcap EMC L1 Input - HT.TP
Entries 1.484497e+07
HT.TP
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

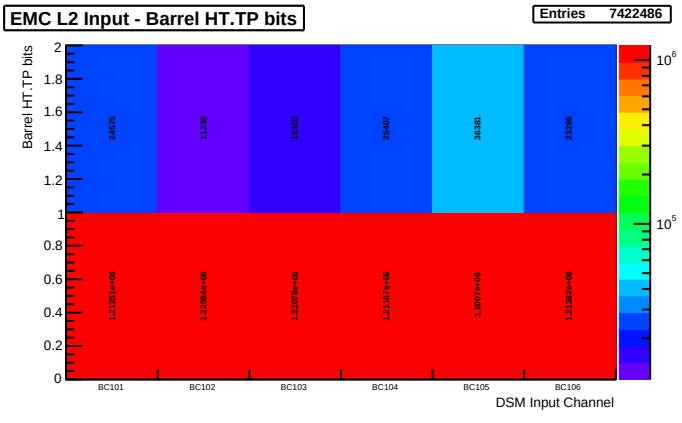

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

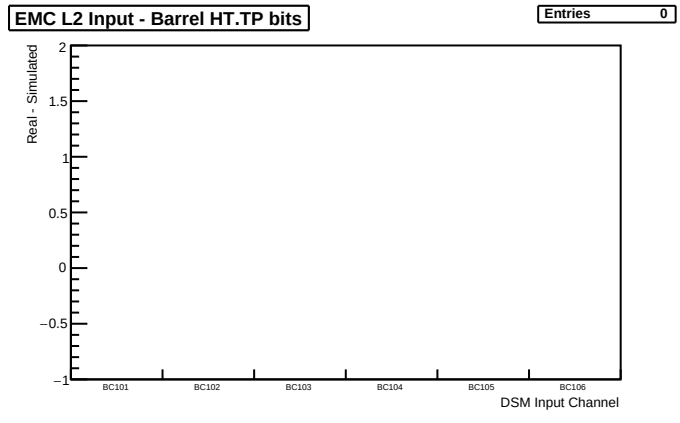

EMC L2 Input - Barrel HT bits
Entries 7422486
Barrel HT bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

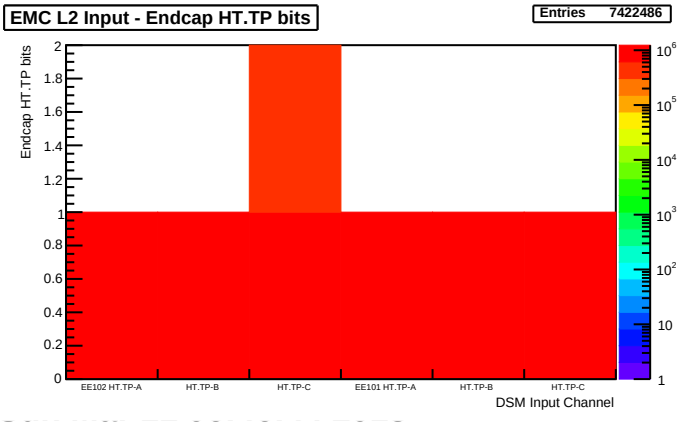

EMC L2 Input - Barrel HT bits
Entries 140234
Real - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

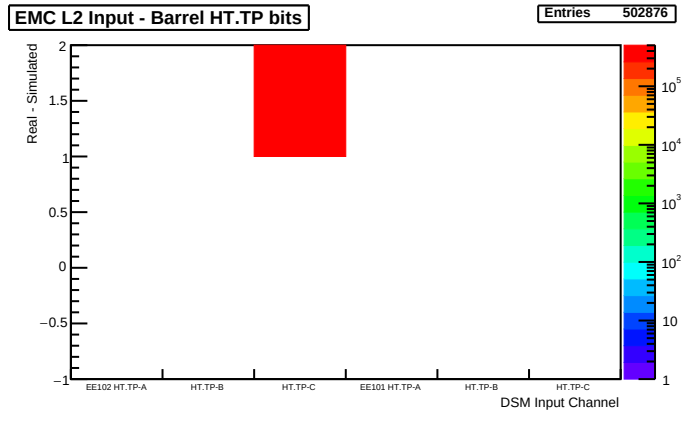

EMC L2 Input - Endcap HT bits
Entries 4948324
Endcap HT bits
DSM Input Channel
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1

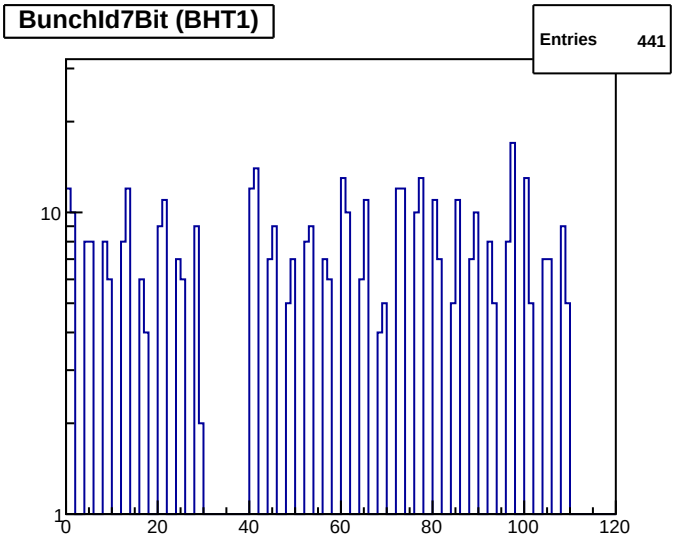

EMC L2 Input - Barrel HT bits
Entries 12007
Real - Simulated
DSM Input Channel
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1

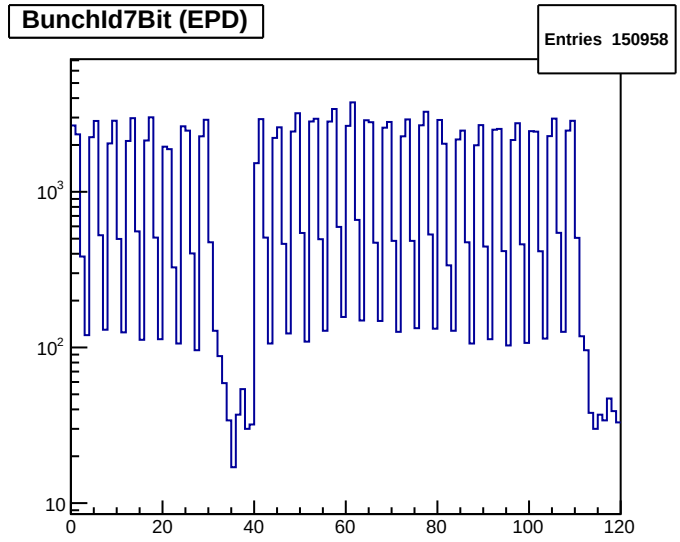

EMC L2 Input - Barrel HT.TP bits
Entries 7422486
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

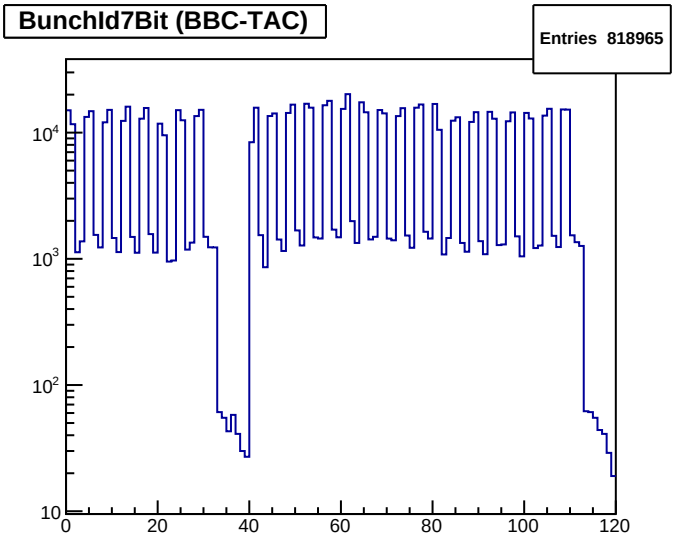

EMC L2 Input - Barrel HT.TP bits
Entries 0
Real - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

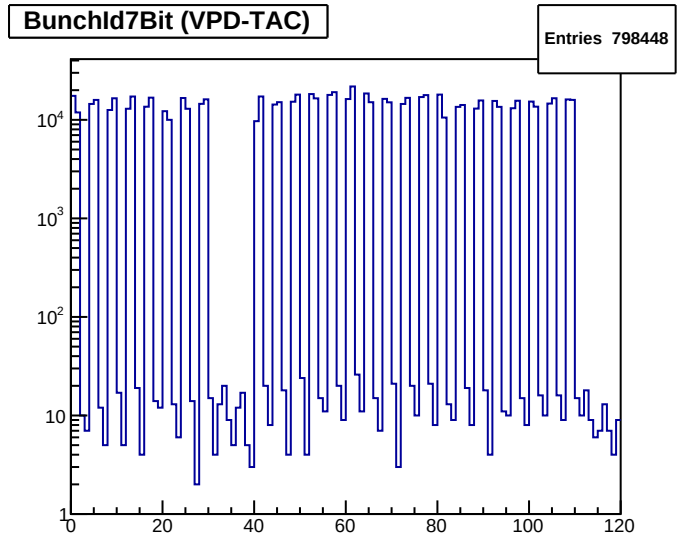

EMC L2 Input - Endcap HT.TP bits
Entries 7422486
Endcap HT.TP bits
DSM Input Channel
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C

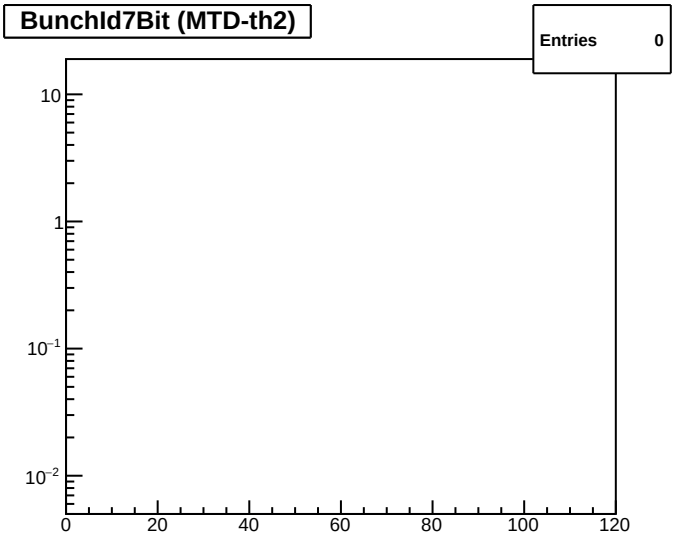

EMC L2 Input - Barrel HT.TP bits
Entries 502876
Real - Simulated
DSM Input Channel
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C

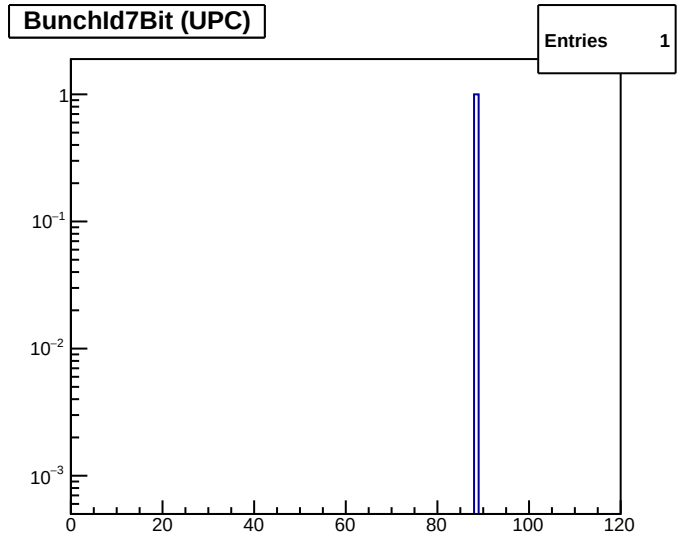

BunchId7Bit (BHT1)
Entries 441

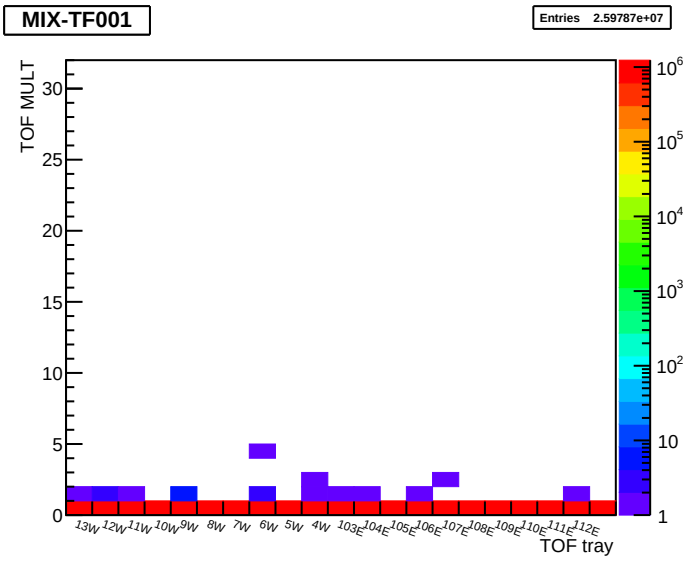

BunchId7Bit (EPD)
Entries 150958

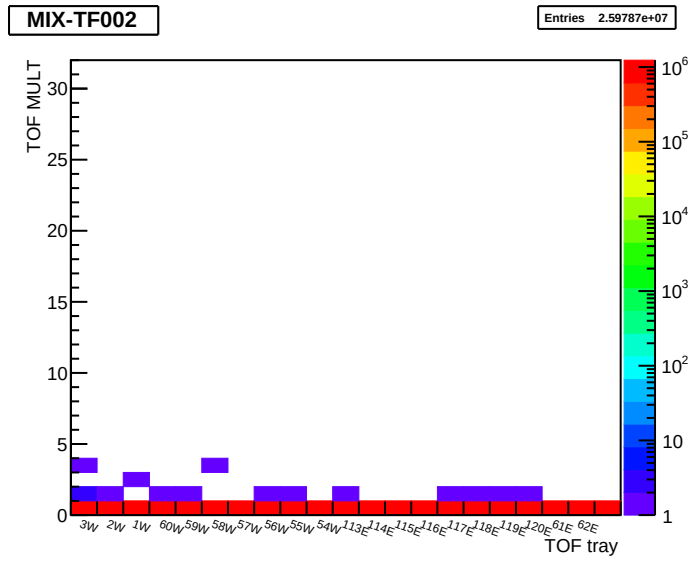

BunchId7Bit (BBC-TAC)
Entries 818965

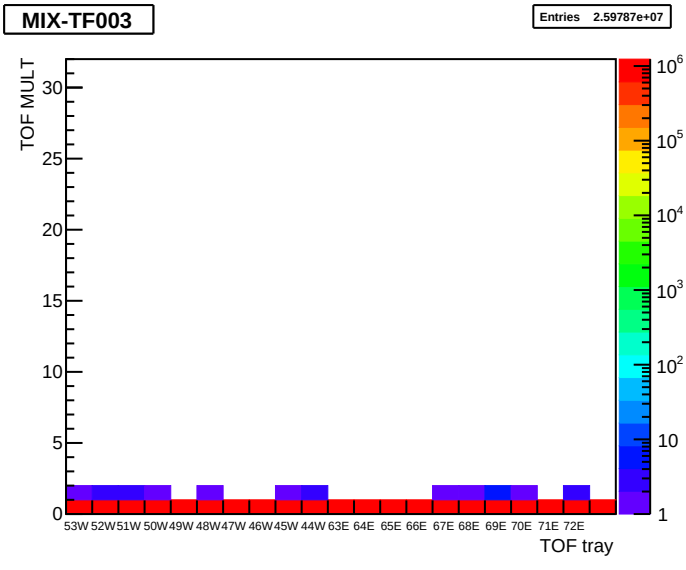

BunchId7Bit (VPD-TAC)
Entries 798448

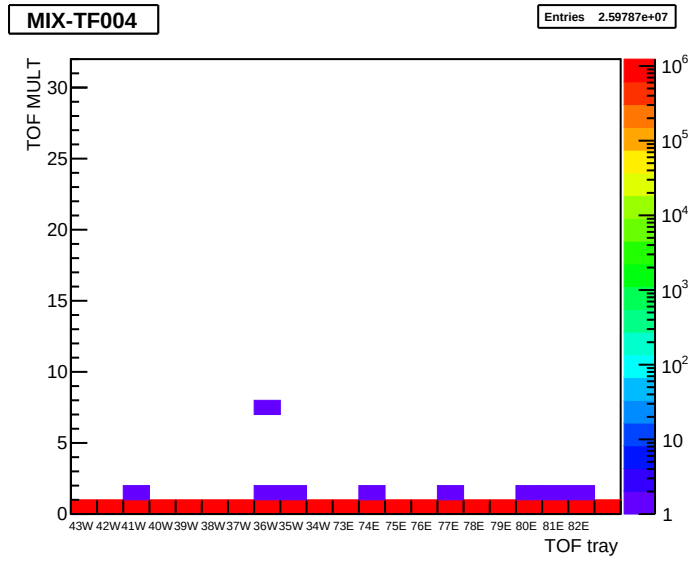

BunchId7Bit (MTD-th2)
Entries 0

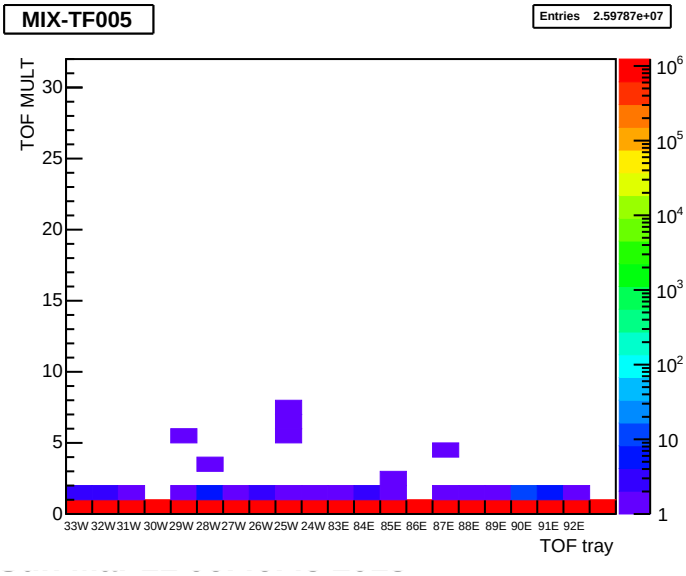

BunchId7Bit (UPC)
Entries 1

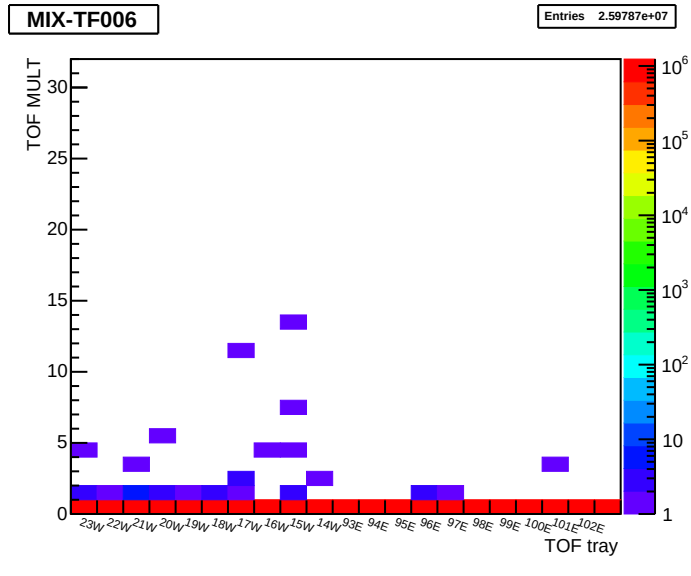

MIX-TF001
Entries 2.59787e+07
TOF MULT
TOF tray

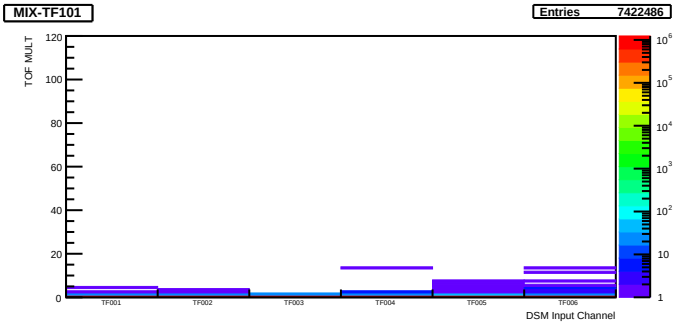

MIX-TF002
Entries 2.59787e+07
TOF MULT
TOF tray

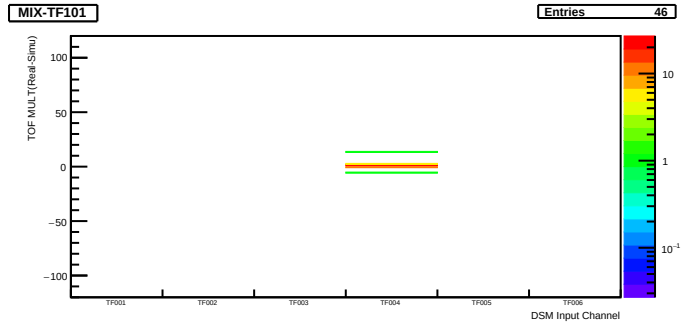

MIX-TF003
Entries 2.59787e+07
TOF MULT
TOF tray

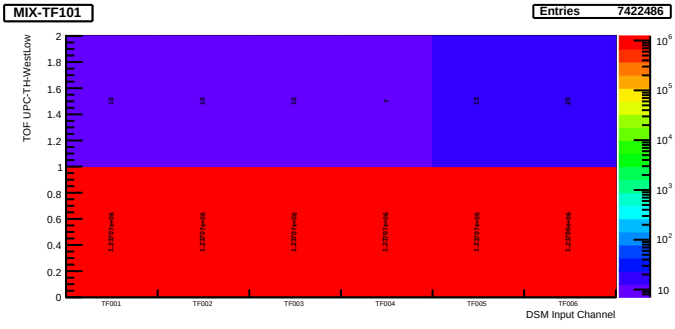

MIX-TF004
Entries 2.59787e+07
TOF MULT
TOF tray

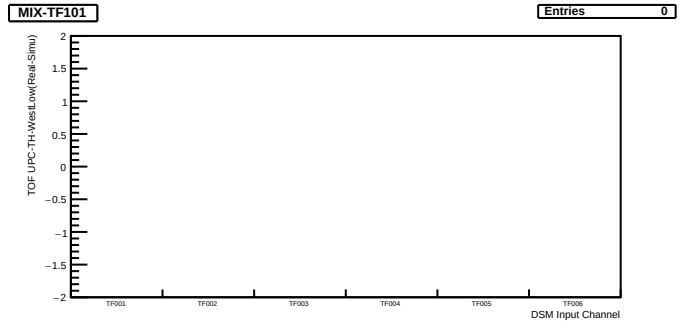

MIX-TF005
Entries 2.59787e+07
TOF MULT
TOF tray

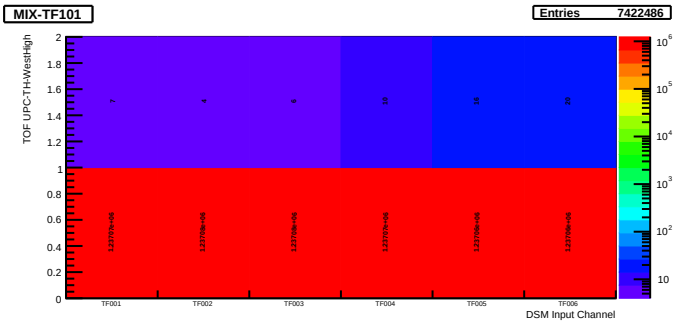

MIX-TF006
Entries 2.59787e+07
TOF MULT
TOF tray

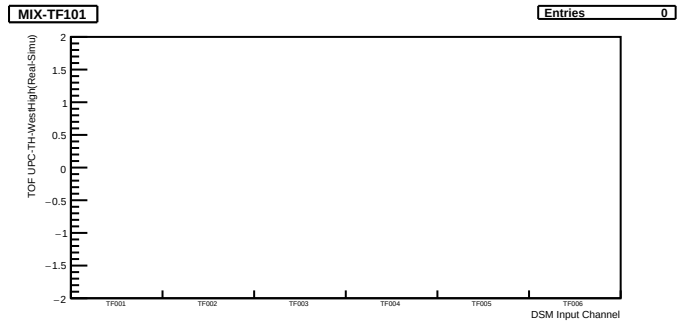

MIX-TF101
Entries 7422486
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

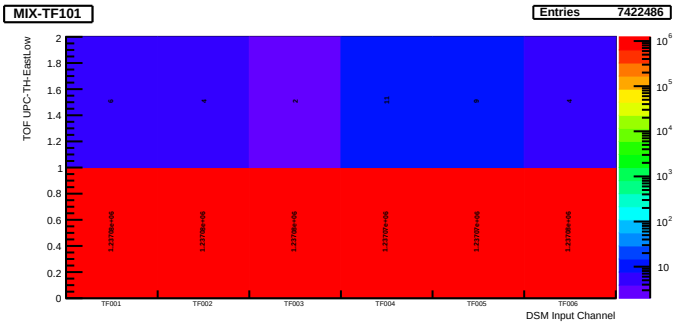

MIX-TF101
Entries 46
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

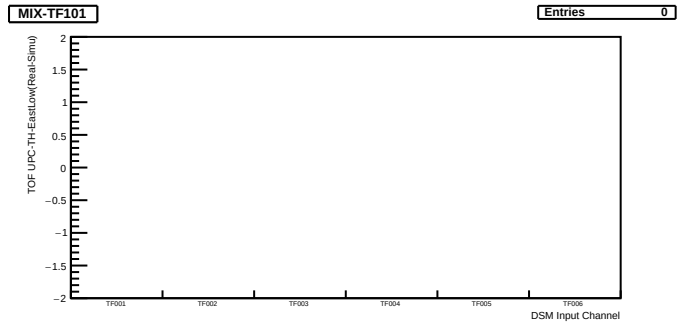

MIX-TF101
Entries 7422486
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

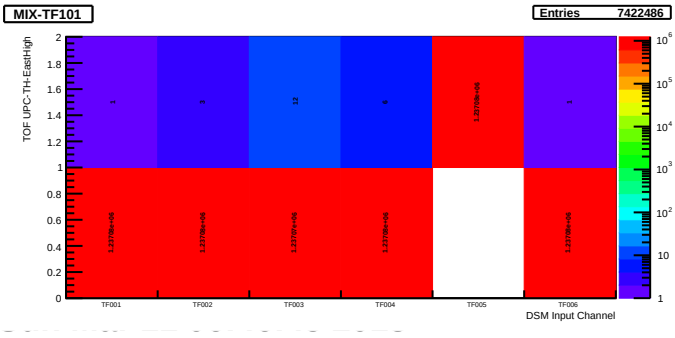

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

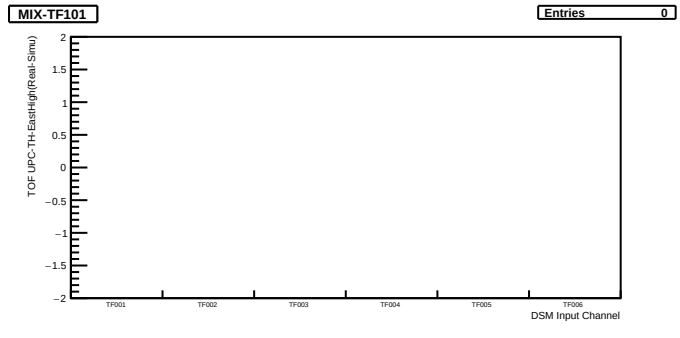

MIX-TF101
Entries 7422486
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

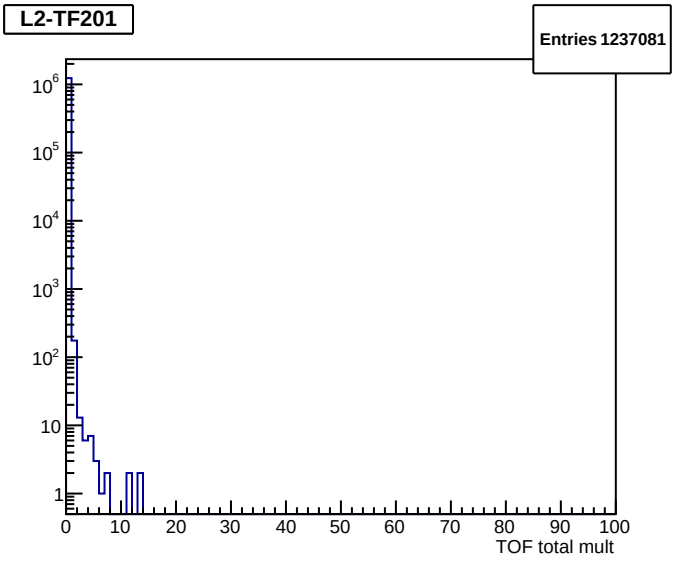

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

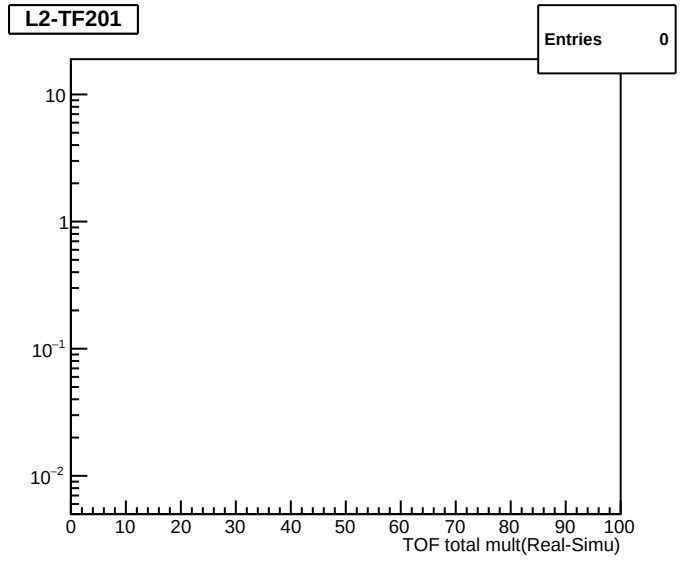

MIX-TF101
Entries 7422486
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

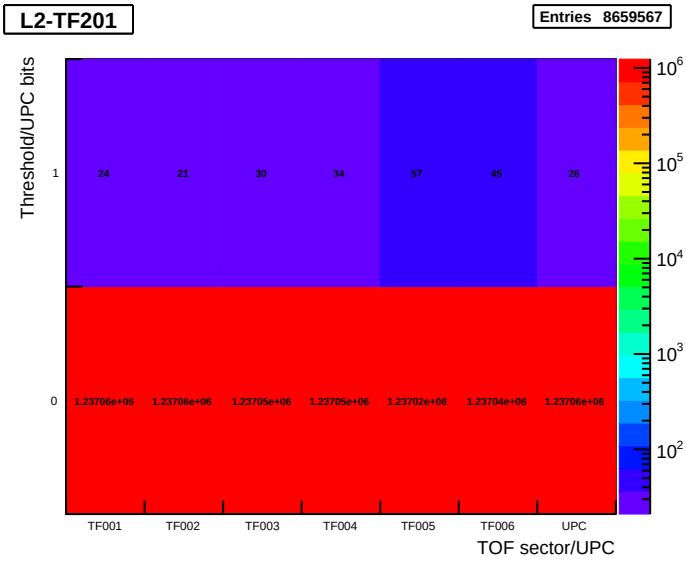

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

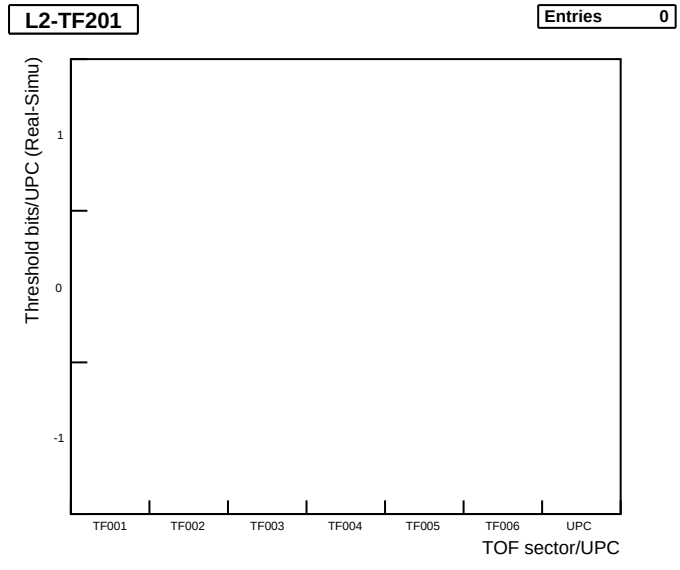

MIX-TF101
Entries 7422486
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

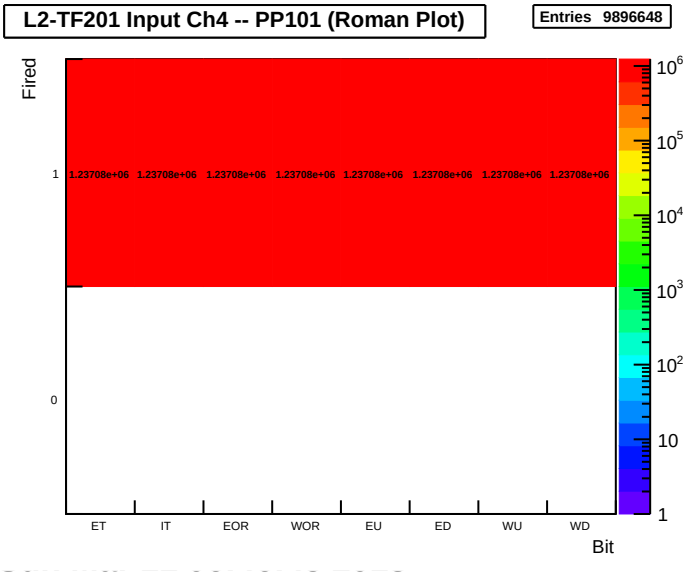

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

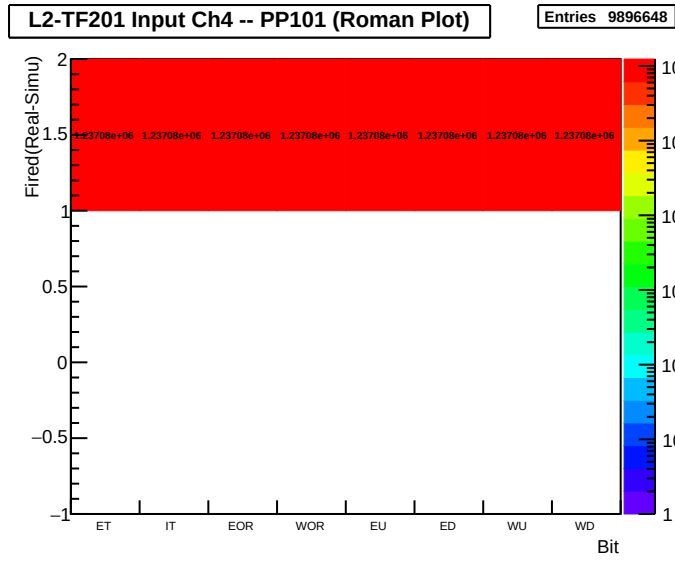

L2-TF201
Entries 1237081
TOF total mult

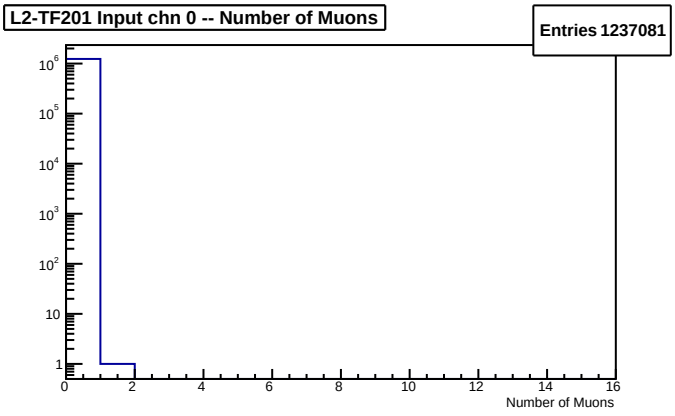

L2-TF201
Entries 0
TOF total mult(Real-Simu)

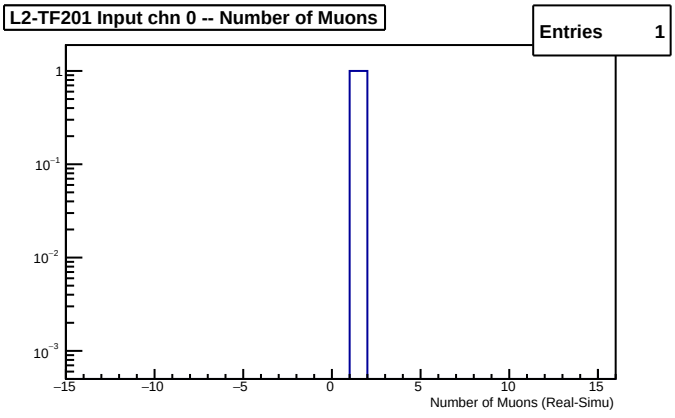

L2-TF201
Entries 8659567
Threshold/UPC bits
24 21 30 34 57 45 26
1.23706e+06 1.23706e+06 1.23705e+06 1.23705e+06 1.23702e+06 1.23704e+06 1.23706e+06
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

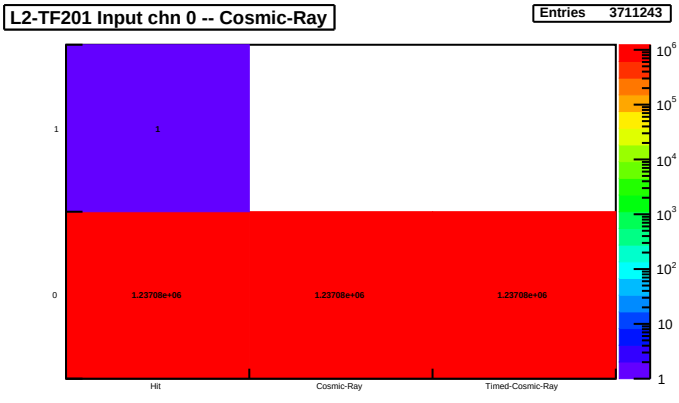

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

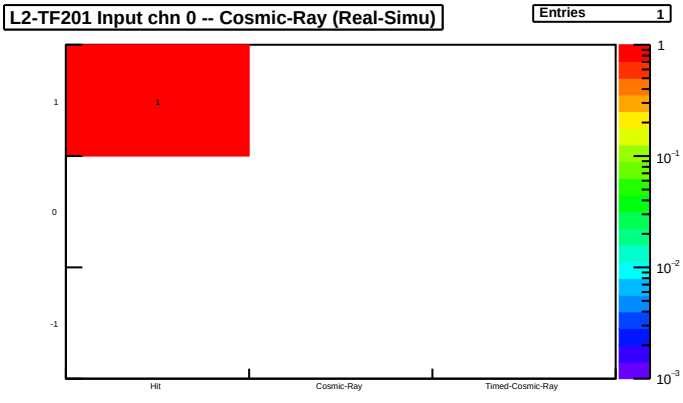

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 9896648
Fired
1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06
ET IT EOR WOR EU ED WU WD
Bit

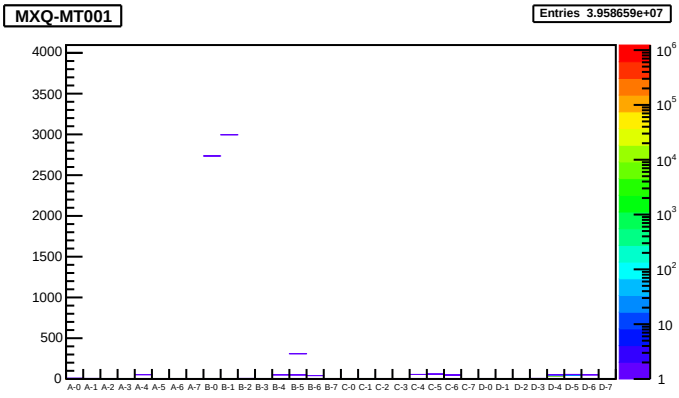

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 9896648
Fired(Real-Simu)
1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06 1.23708e+06
ET IT EOR WOR EU ED WU WD
Bit

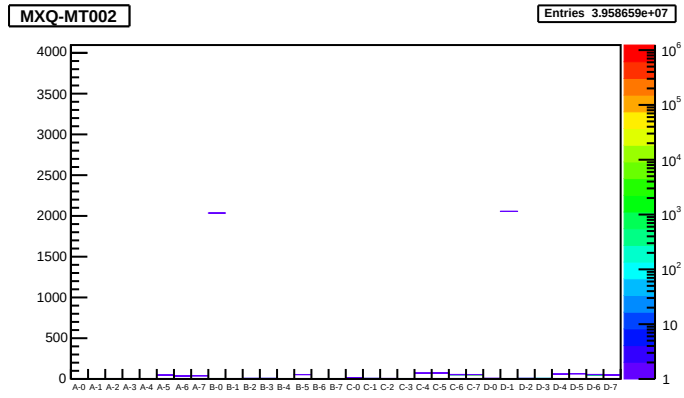

L2-TF201 Input chn 0 -- Number of Muons
Entries 1237081
Number of Muons

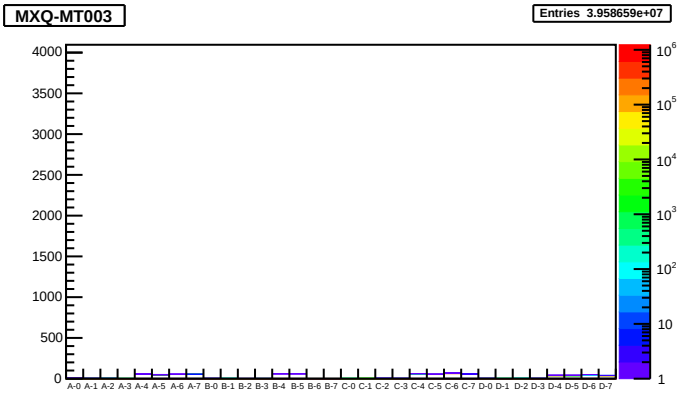

L2-TF201 Input chn 0 -- Number of Muons
Entries 1
Number of Muons (Real-Simu)

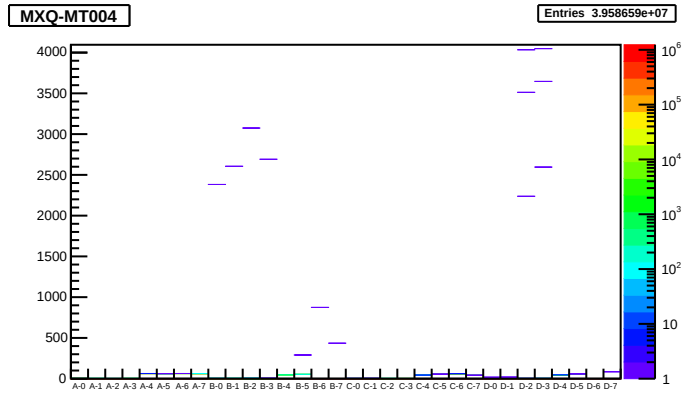

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3711243
1
1.23708e+06
1.23708e+06
1.23708e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

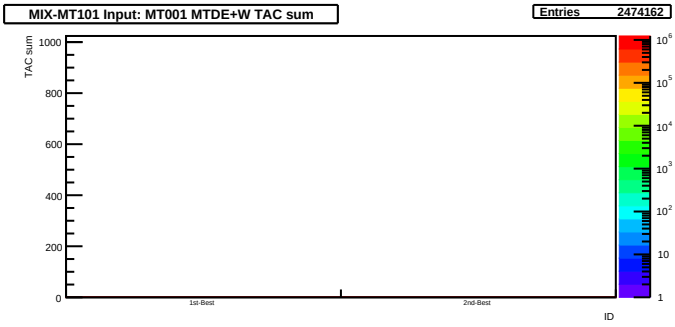

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 1
1
Hit
Cosmic-Ray
Timed-Cosmic-Ray

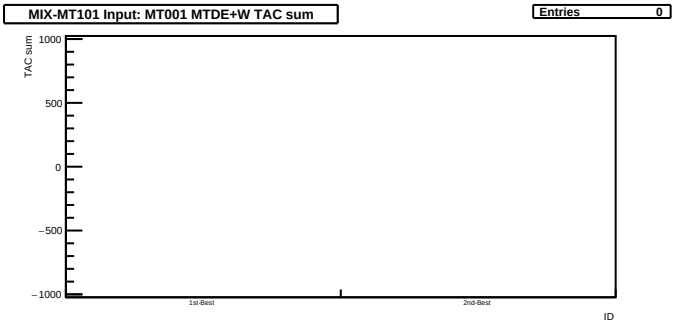

MXQ-MT001
Entries 3.958659e+07

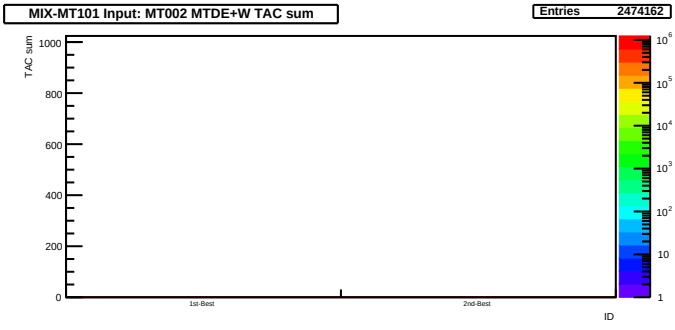

MXQ-MT002
Entries 3.958659e+07

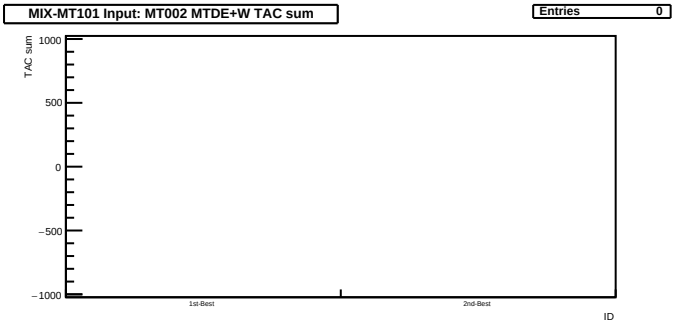

MXQ-MT003
Entries 3.958659e+07

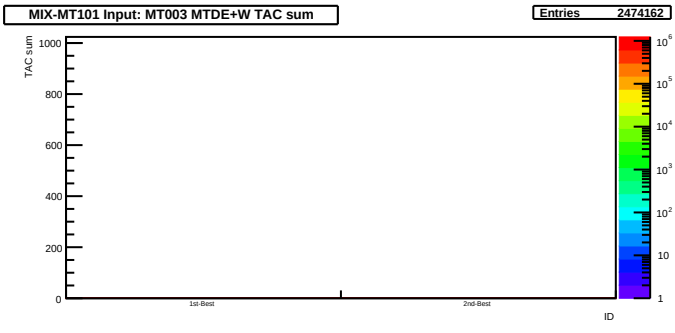

MXQ-MT004
Entries 3.958659e+07

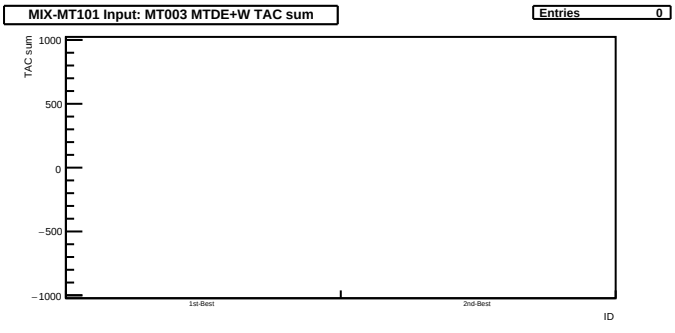

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2474162
TAC sum
1st-Best
2nd-Best
ID

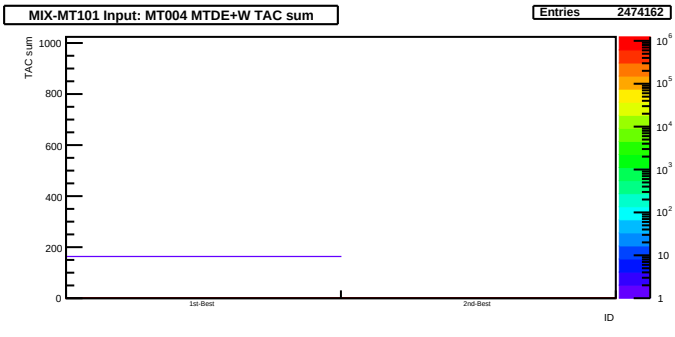

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

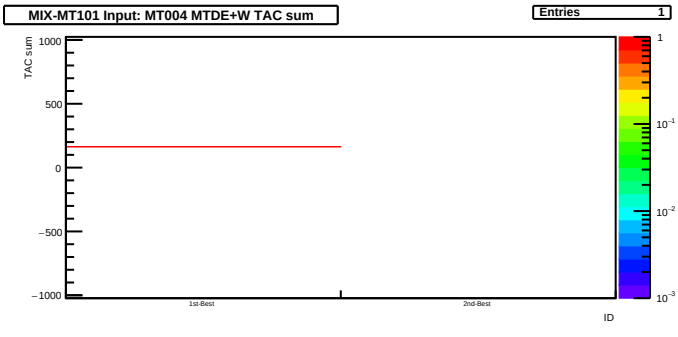

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2474162
TAC sum
1st-Best
2nd-Best
ID

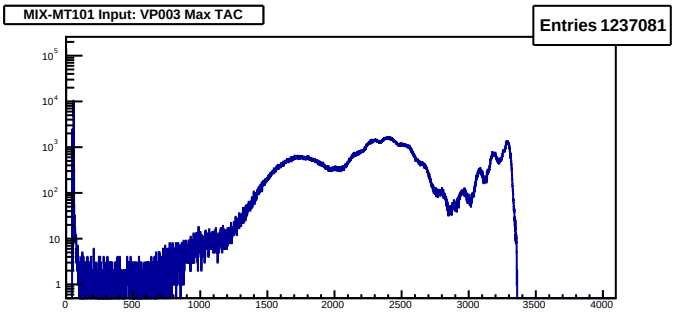

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

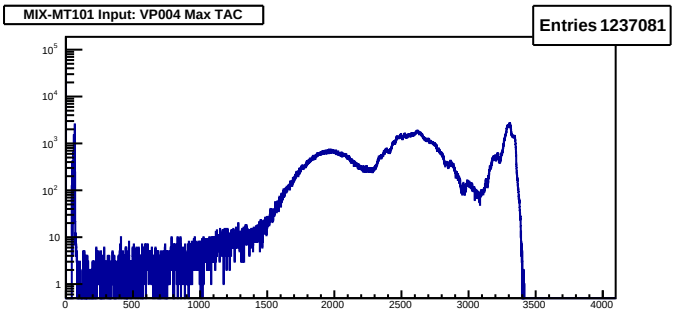

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2474162
TAC sum
1st-Best
2nd-Best
ID

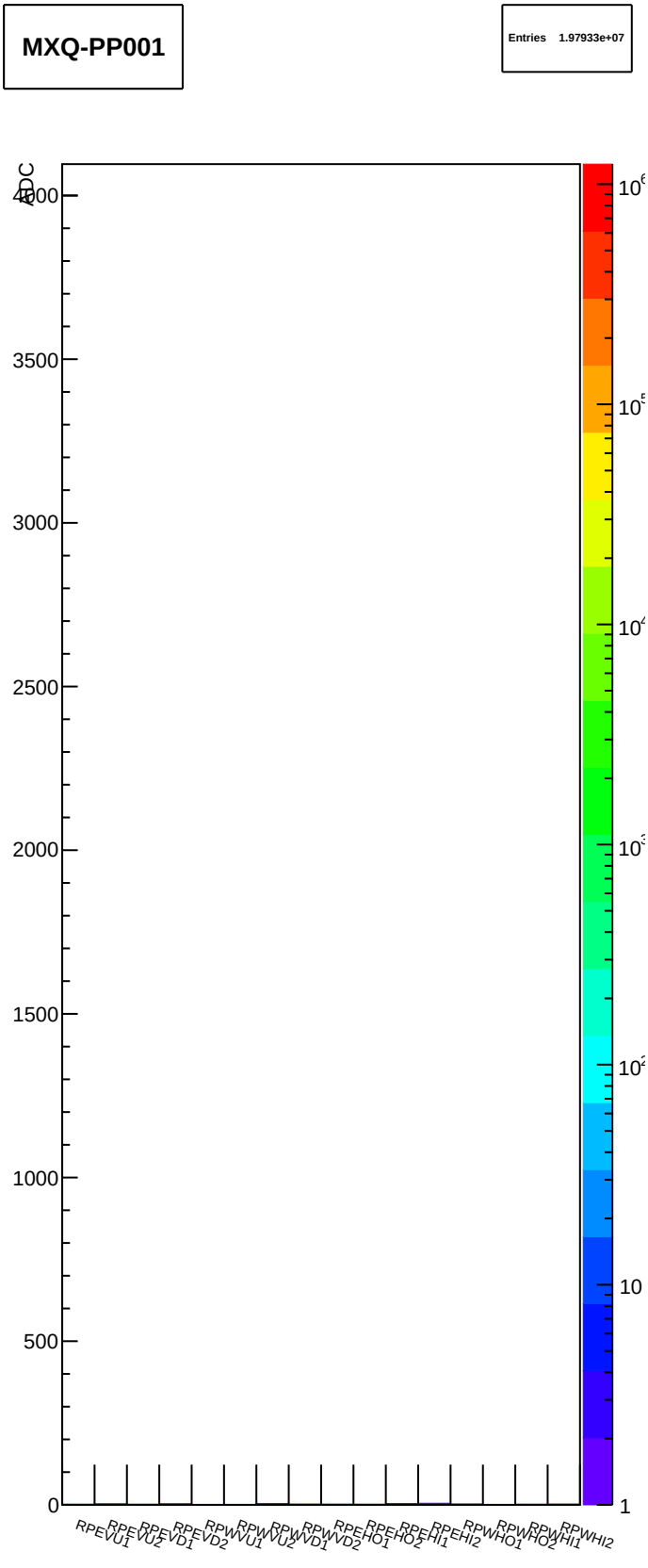

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

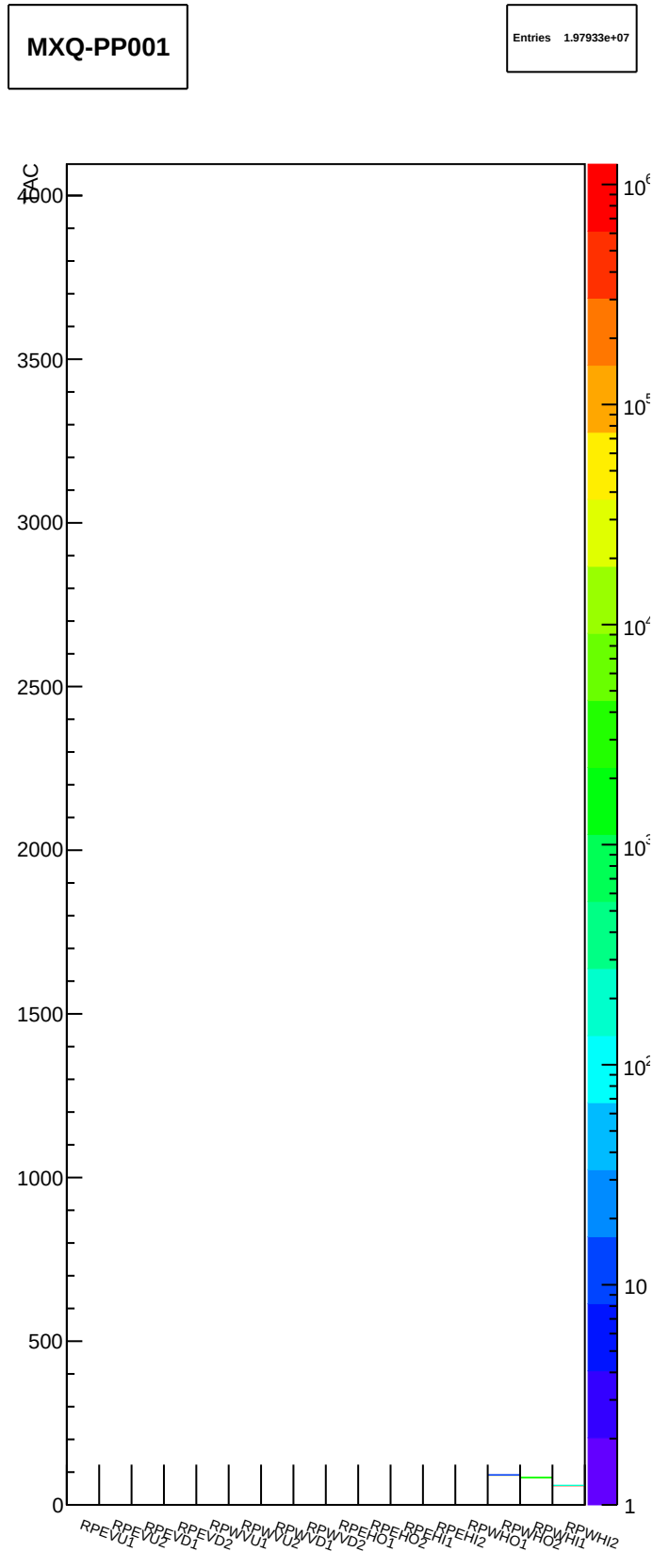

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2474162
TAC sum
1st-Best
2nd-Best
ID

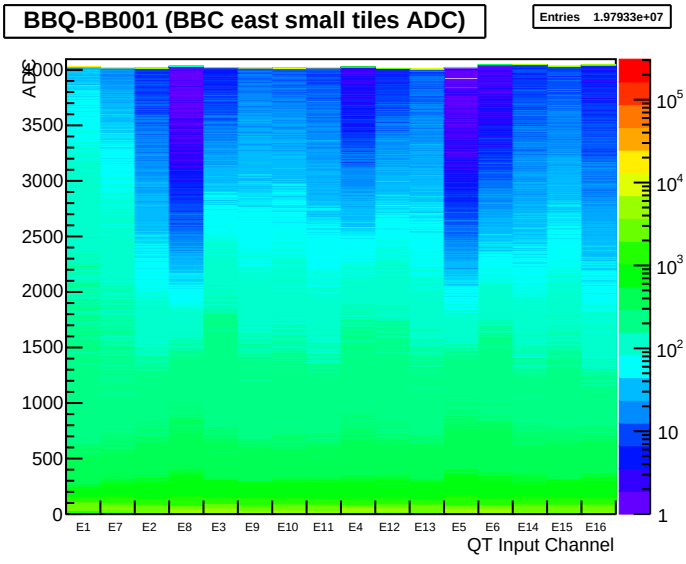

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1
TAC sum
1st-Best
2nd-Best
ID

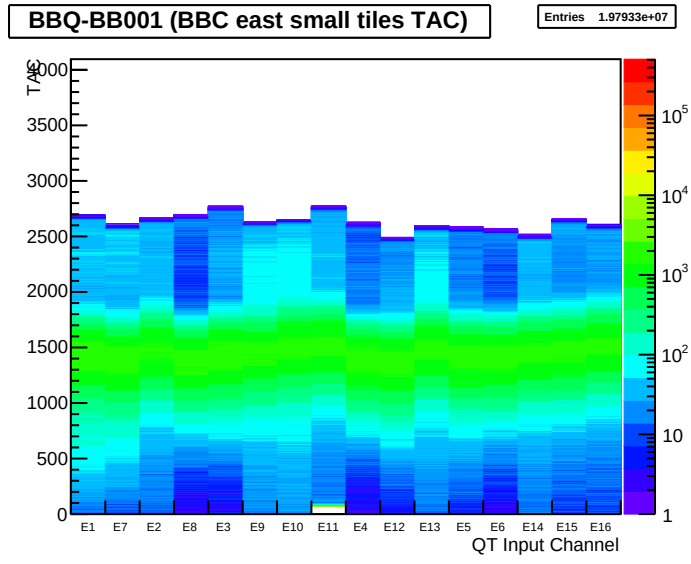

MIX-MT101 Input: VP003 Max TAC
Entries 1237081

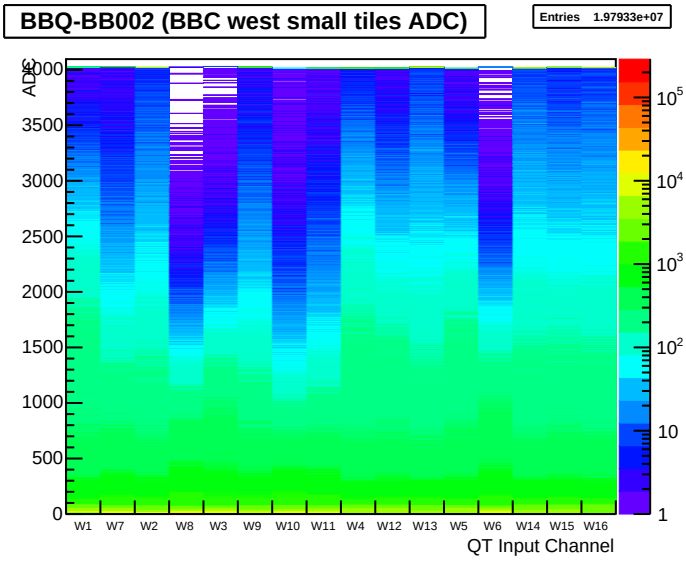

MIX-MT101 Input: VP004 Max TAC
Entries 1237081

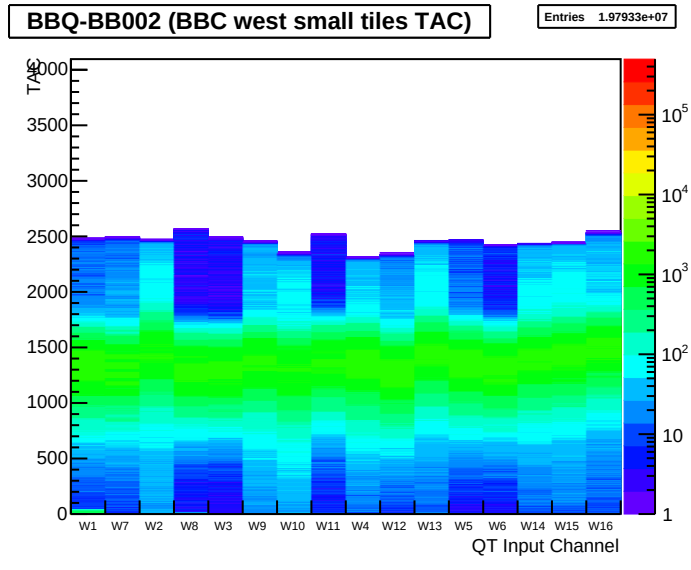

MXQ-PP001
Entries 1.97933e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

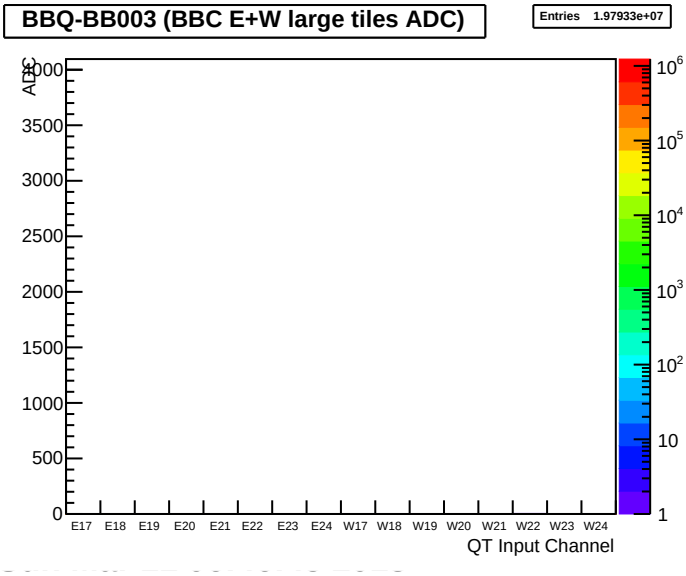

MXQ-PP001
Entries 1.97933e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

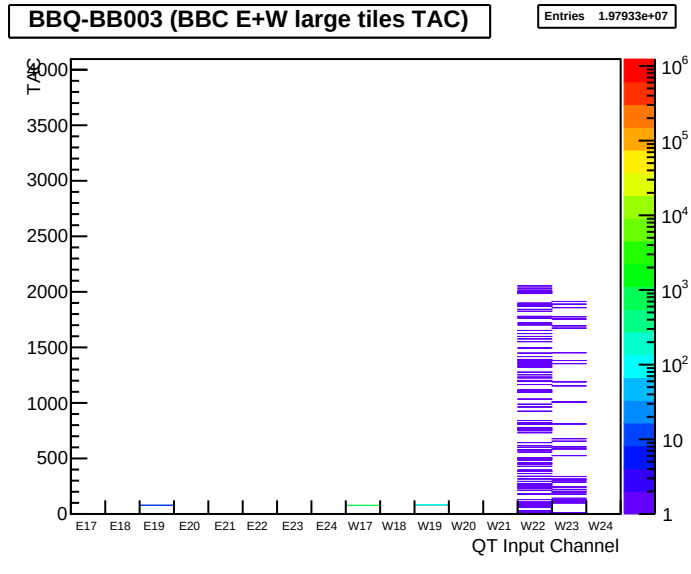

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.97933e+07
ADC
QT Input Channel

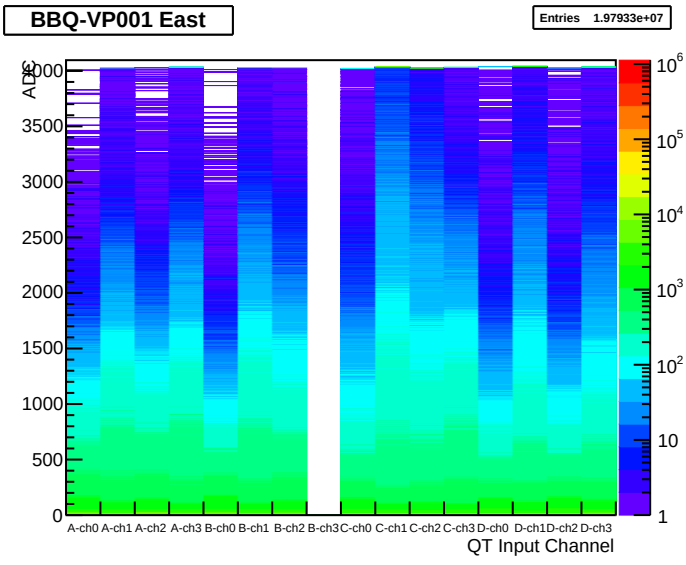

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.97933e+07
TAC
QT Input Channel

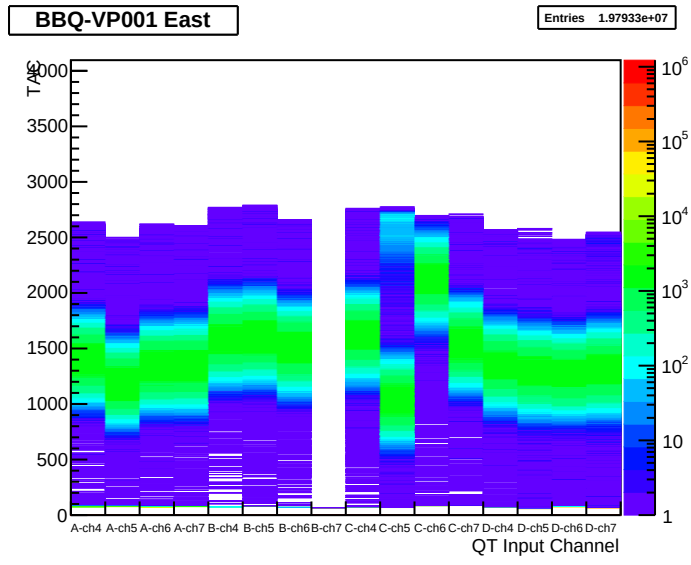

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.97933e+07
ADC
QT Input Channel

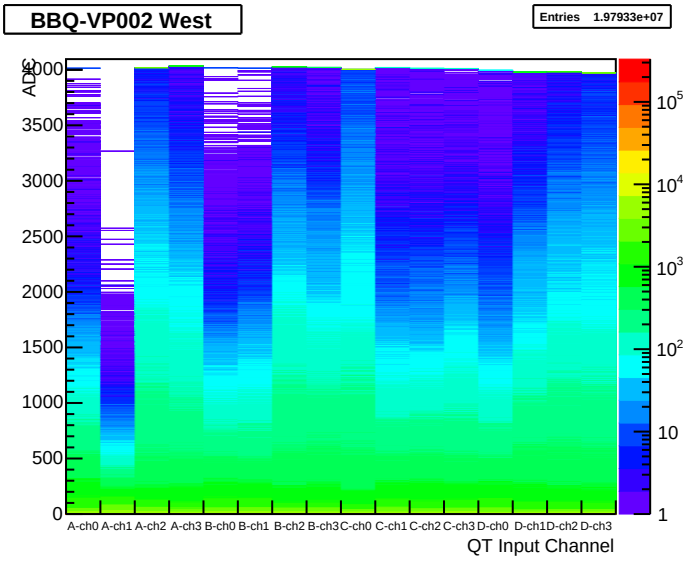

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.97933e+07
TAC
QT Input Channel

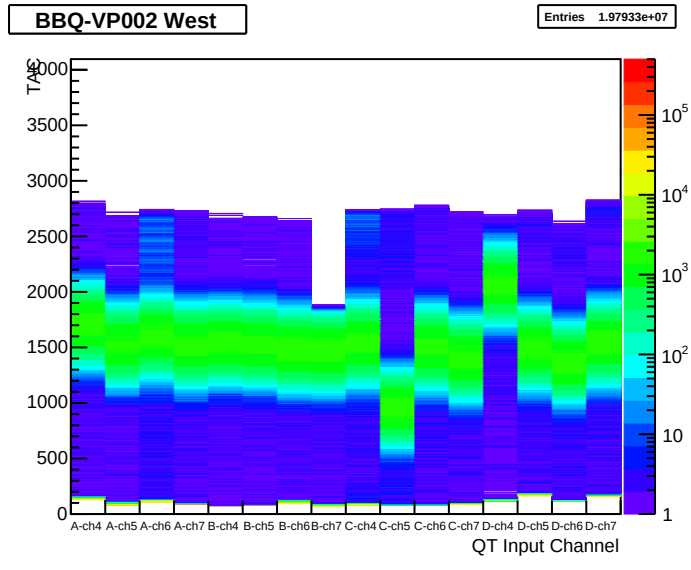

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.97933e+07
ADC
QT Input Channel

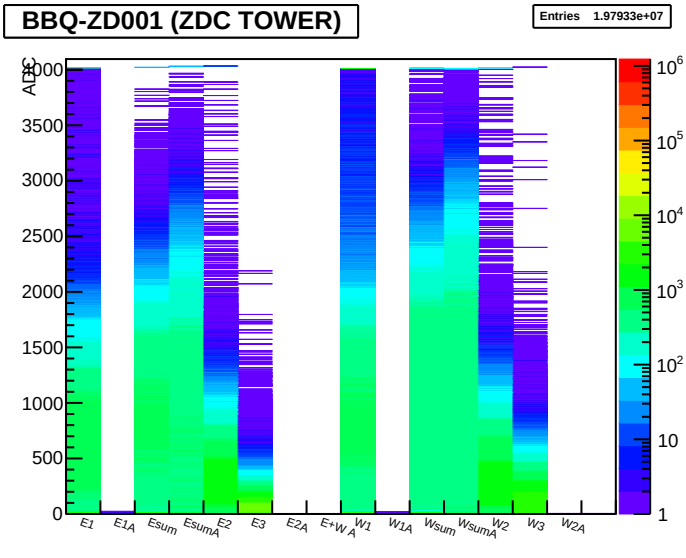

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.97933e+07
TAC
QT Input Channel

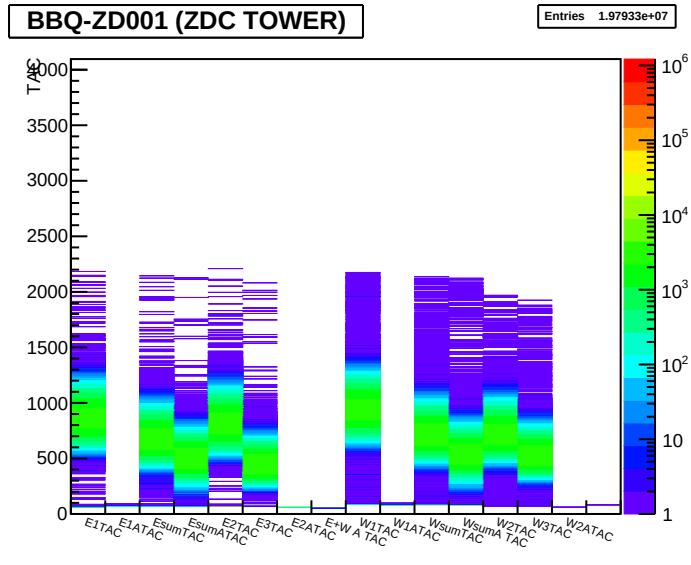

BBQ-VP001 East
Entries 1.97933e+07
ADC
QT Input Channel

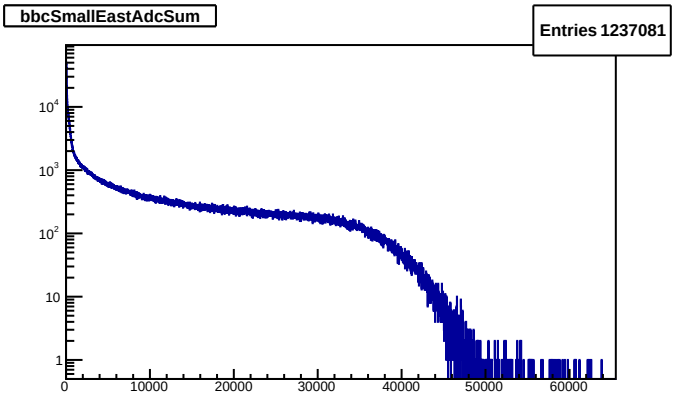

BBQ-VP001 East
Entries 1.97933e+07
TAC
QT Input Channel

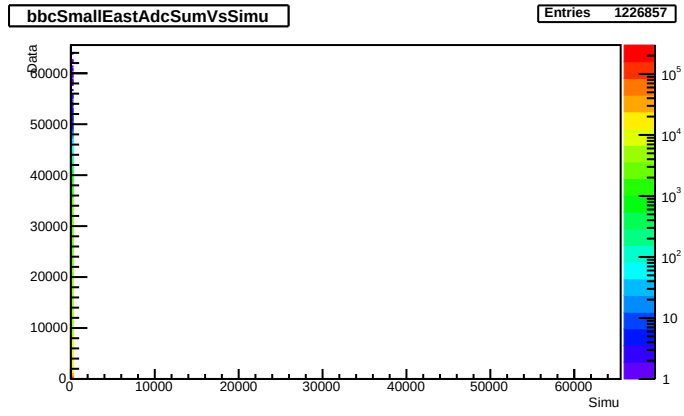

BBQ-VP002 West
Entries 1.97933e+07
ADC
QT Input Channel

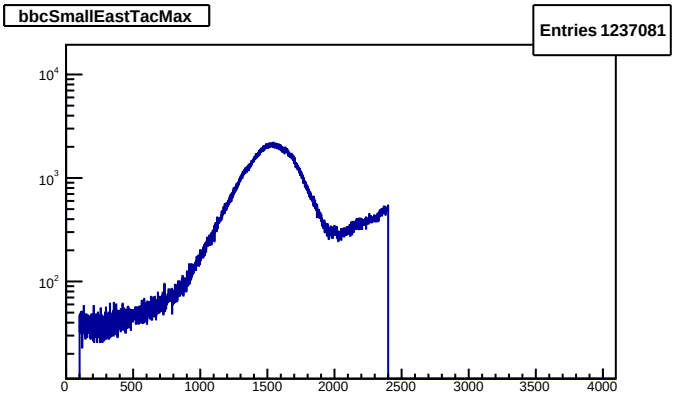

BBQ-VP002 West
Entries 1.97933e+07
TAC
QT Input Channel

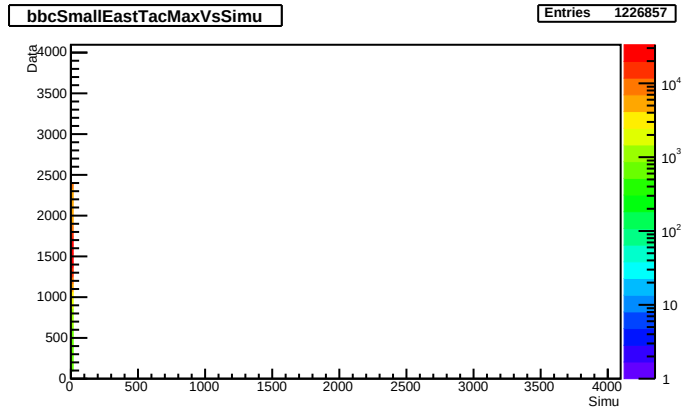

BBQ-ZD001 (ZDC TOWER)
Entries 1.97933e+07
ADC

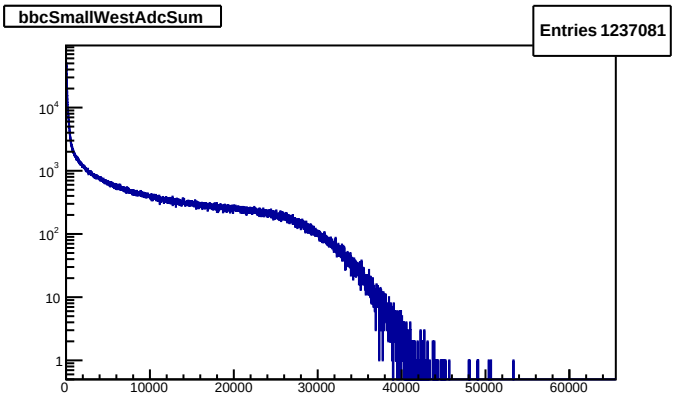

BBQ-ZD001 (ZDC TOWER)
Entries 1.97933e+07
TAC

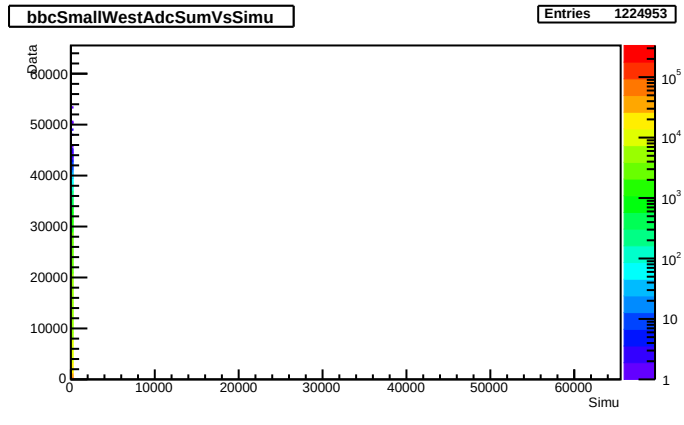

bbcSmallEastAdcSum
Entries 1237081

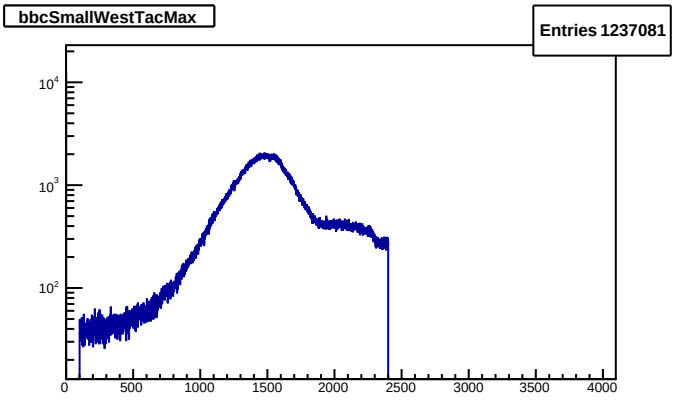

bbcSmallEastAdcSumVsSimu
Entries 1226857
Data
Simu

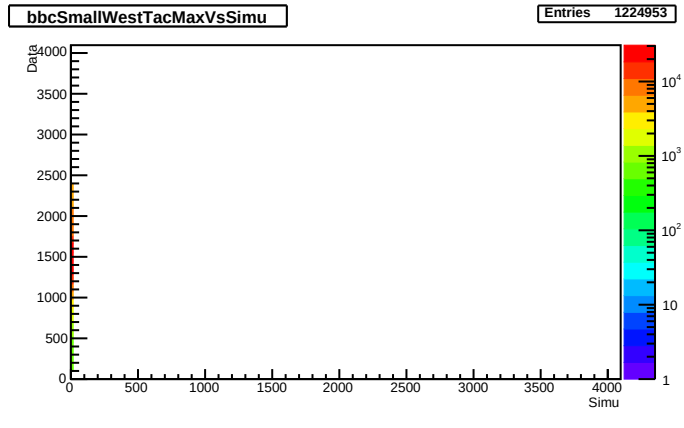

bbcSmallEastTacMax
Entries 1237081

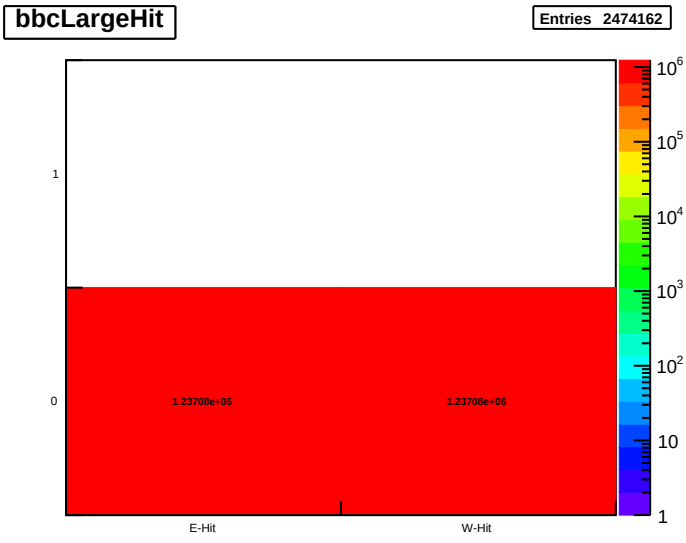

bbcSmallEastTacMaxVsSimu
Entries 1226857
Data
Simu

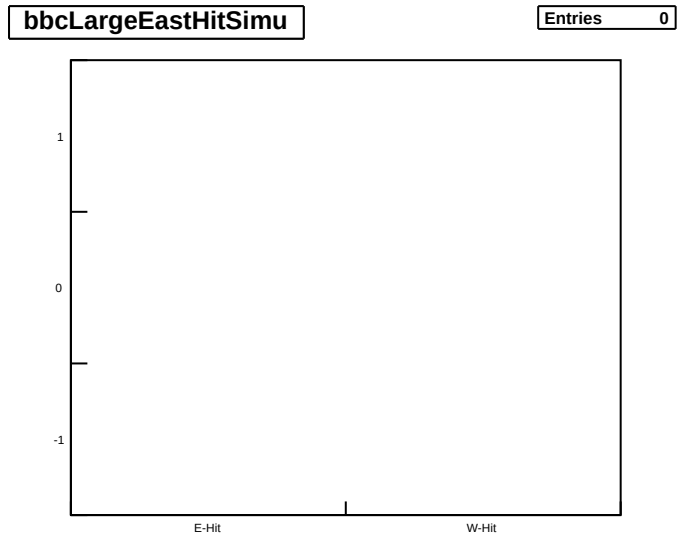

bbcSmallWestAdcSum
Entries 1237081

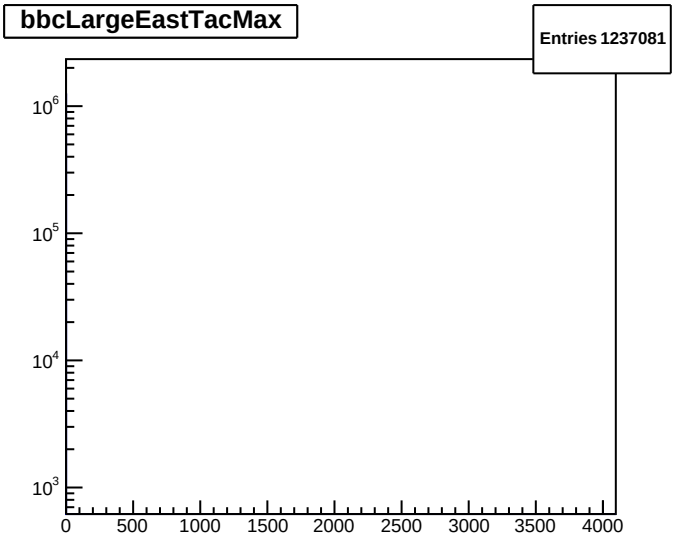

bbcSmallWestAdcSumVsSimu
Entries 1224953
Data
Simu

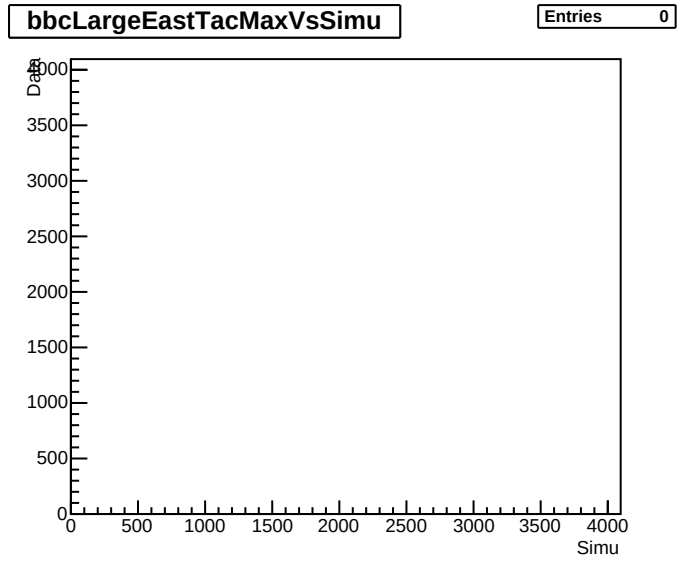

bbcSmallWestTacMax
Entries 1237081

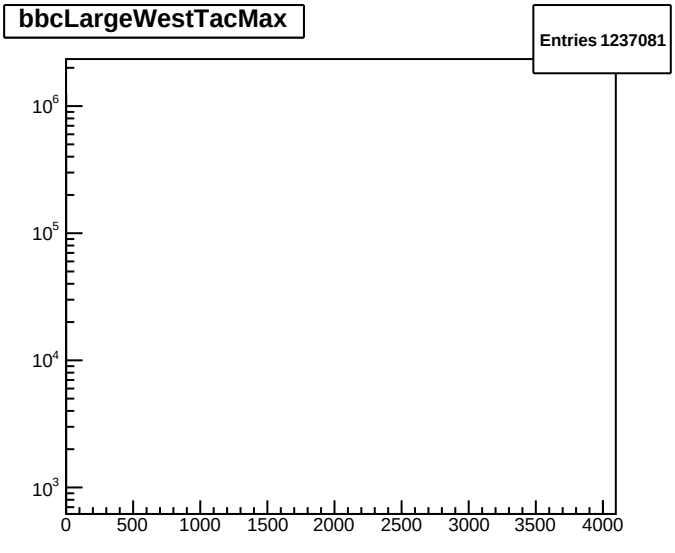

bbcSmallWestTacMaxVsSimu
Entries 1224953
Data
Simu

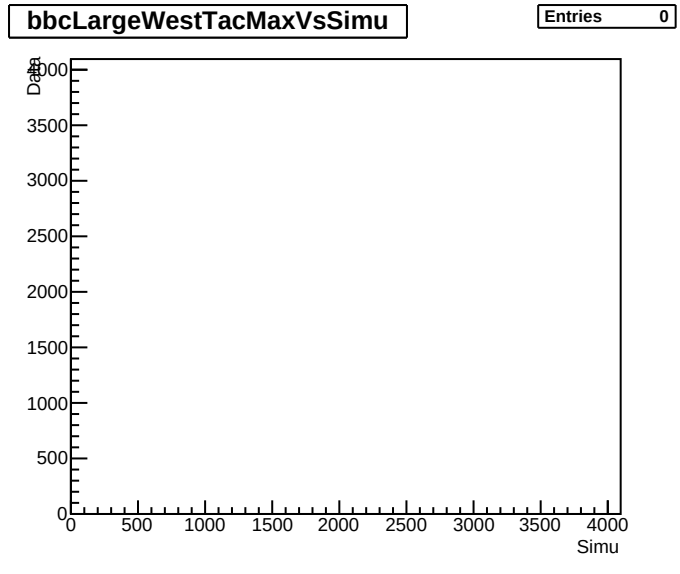

bbcLargeHit
Entries 2474162
1.23708e+06
1.23708e+06
E-Hit
W-Hit

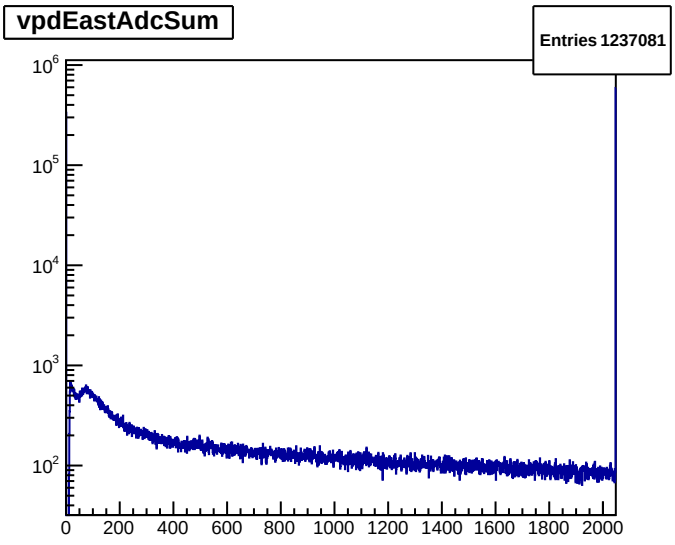

bbcLargeEastHitSimu
Entries 0
E-Hit
W-Hit

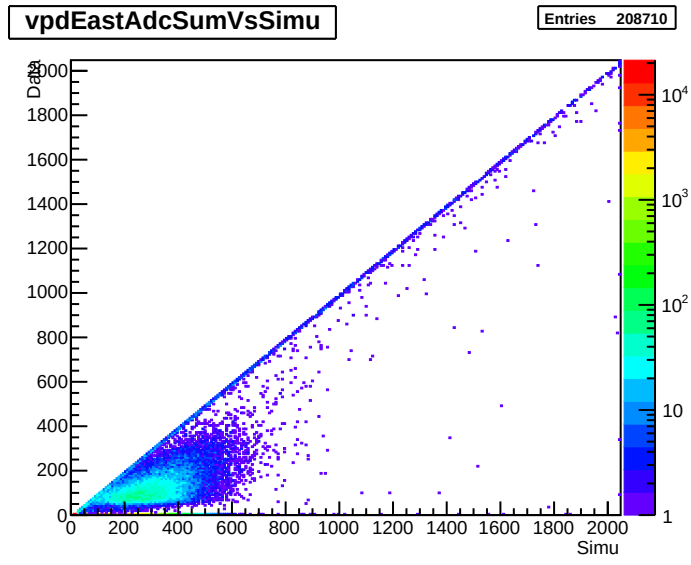

bbcLargeEastTacMax
Entries 1237081

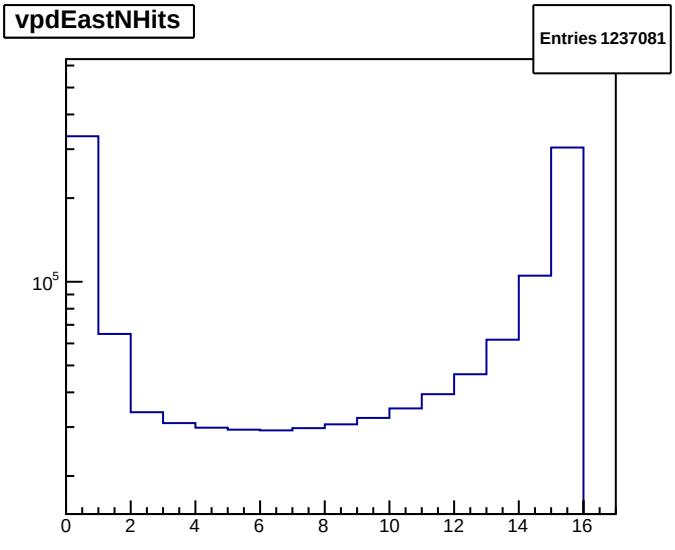

bbcLargeEastTacMaxVsSimu
Entries 0
Data
Simu

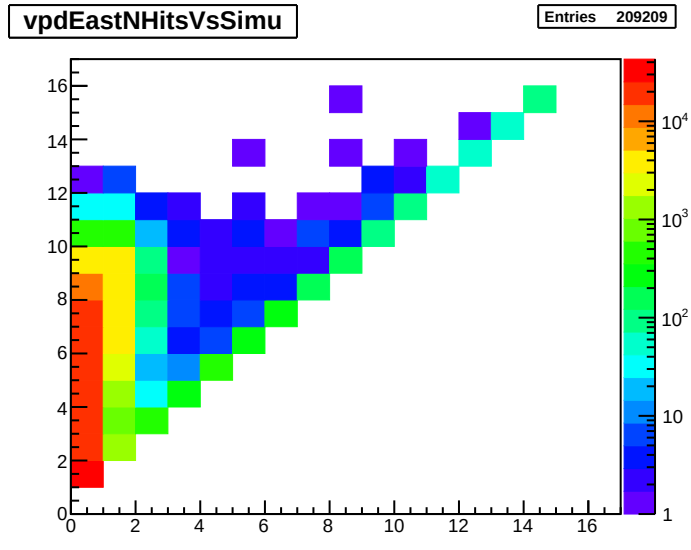

bbcLargeWestTacMax
Entries 1237081

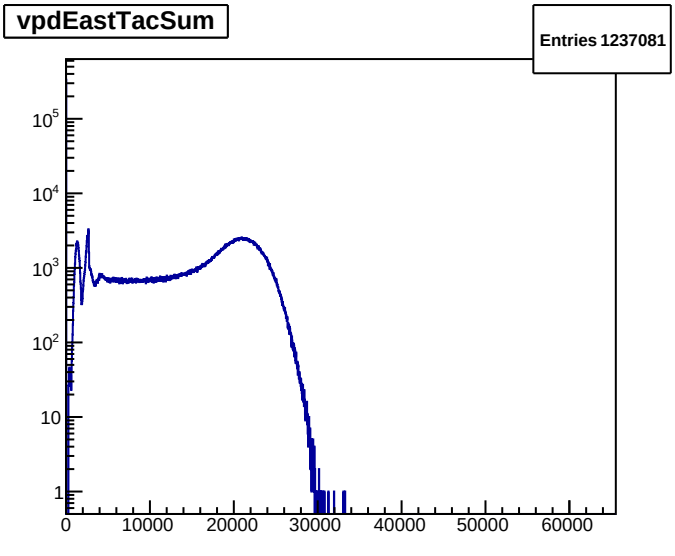

bbcLargeWestTacMaxVsSimu
Entries 0
Data
Simu

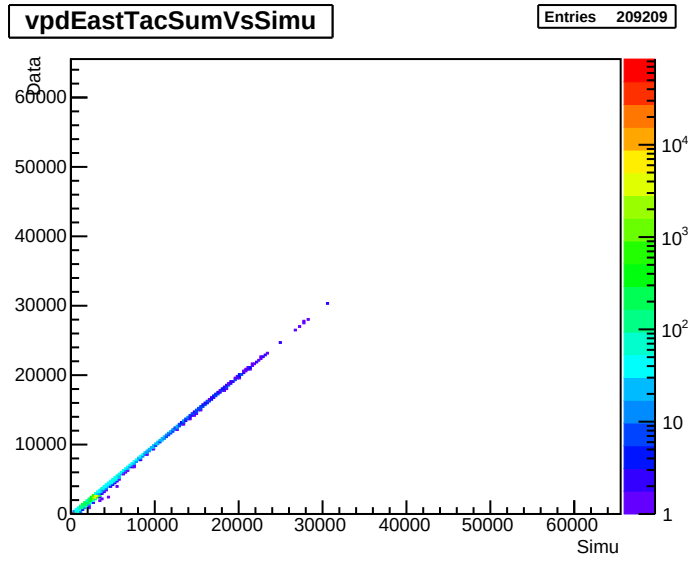

vpdEastAdcSum
Entries 1237081

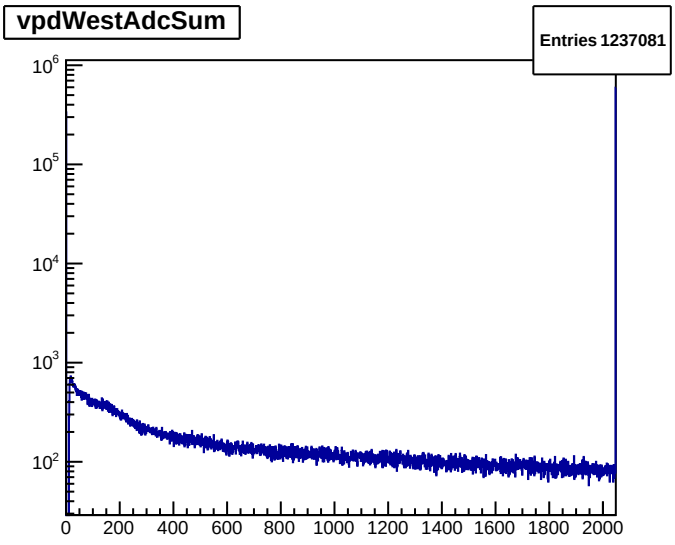

vpdEastAdcSumVsSimu
Entries 208710
Data
Simu

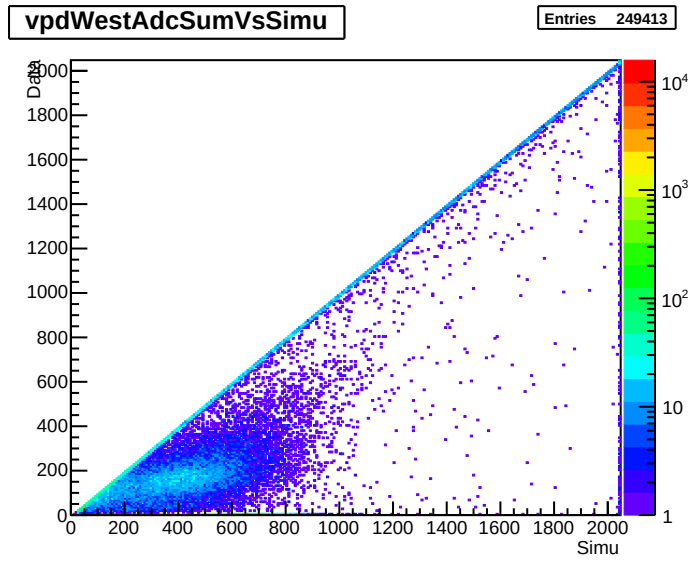

vpdEastNHits
Entries 1237081

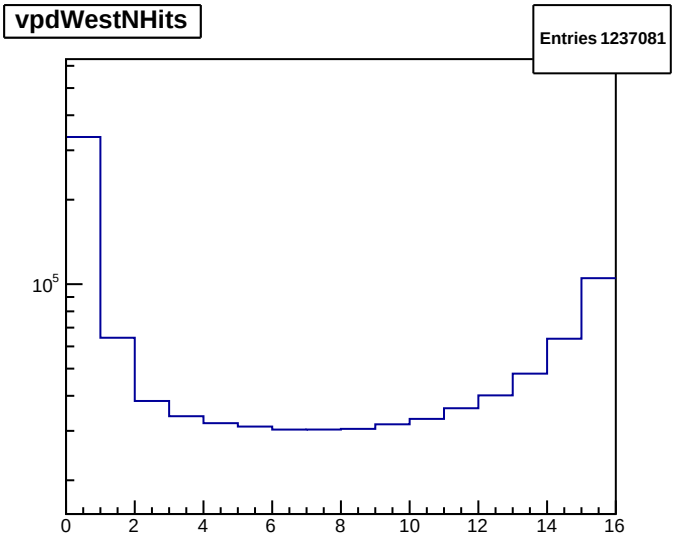

vpdEastNHitsVsSimu
Entries 209209

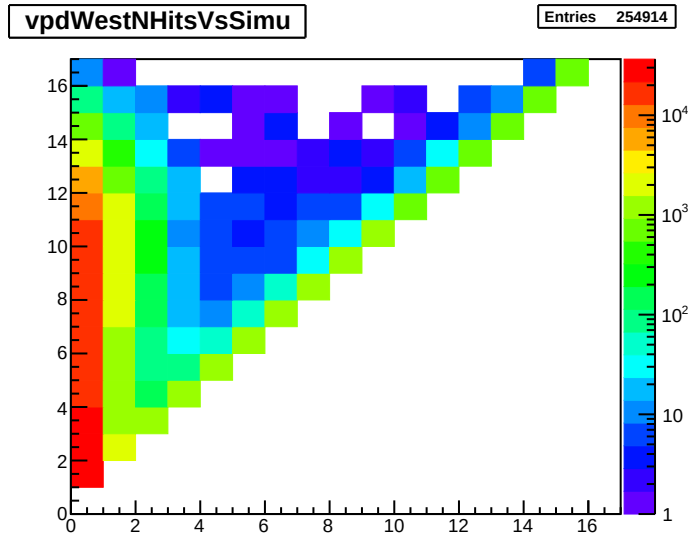

vpdEastTacSum
Entries 1237081

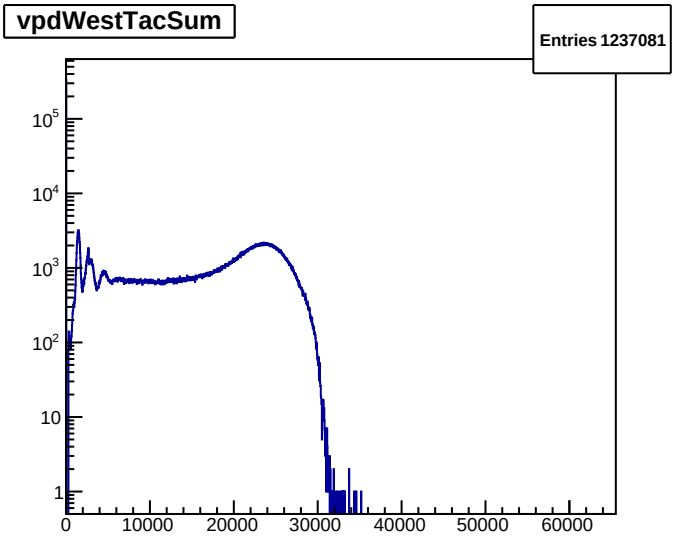

vpdEastTacSumVsSimu
Entries 209209
Data
Simu

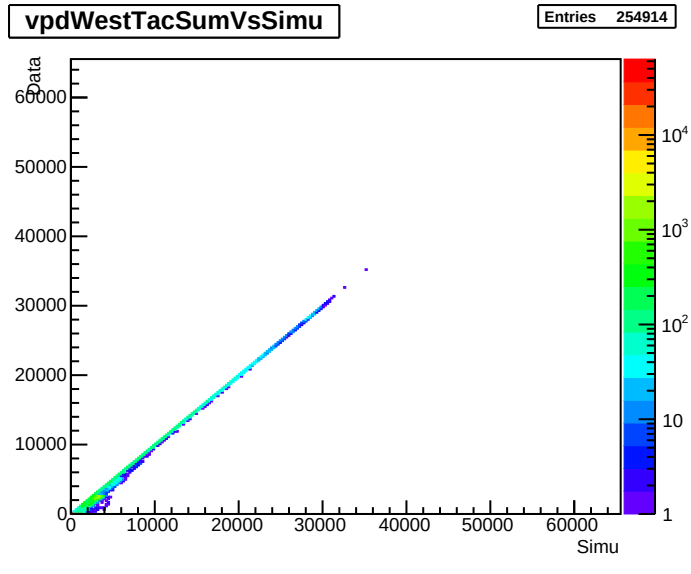

vpdWestAdcSum
Entries 1237081

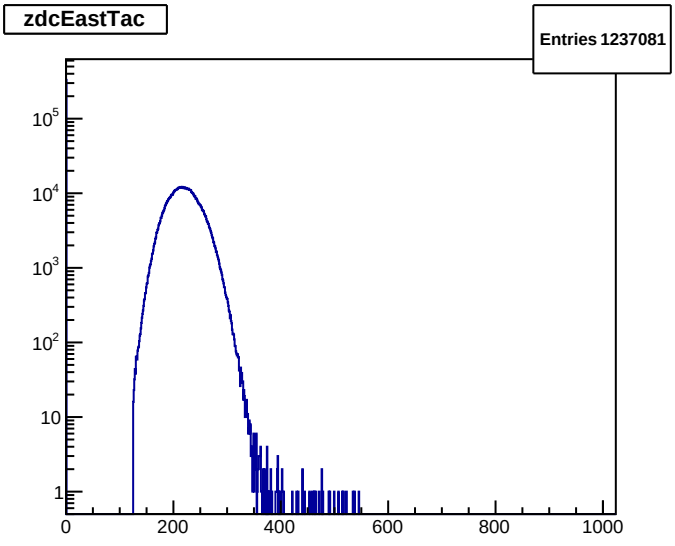

vpdWestAdcSumVsSimu
Entries 249413
Data
Simu

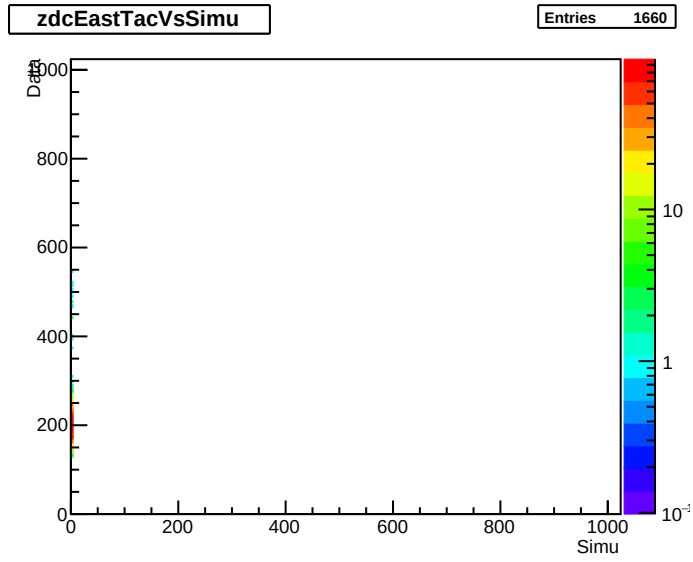

vpdWestNHits
Entries 1237081

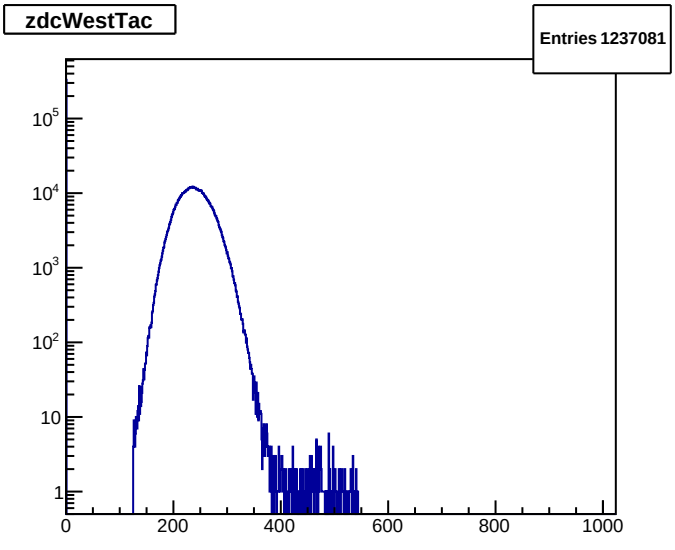

vpdWestNHitsVsSimu
Entries 254914

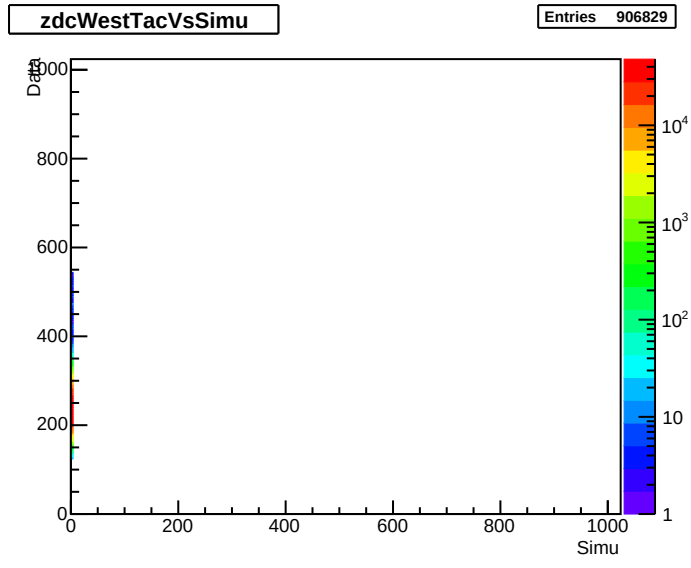

vpdWestTacSum
Entries 1237081

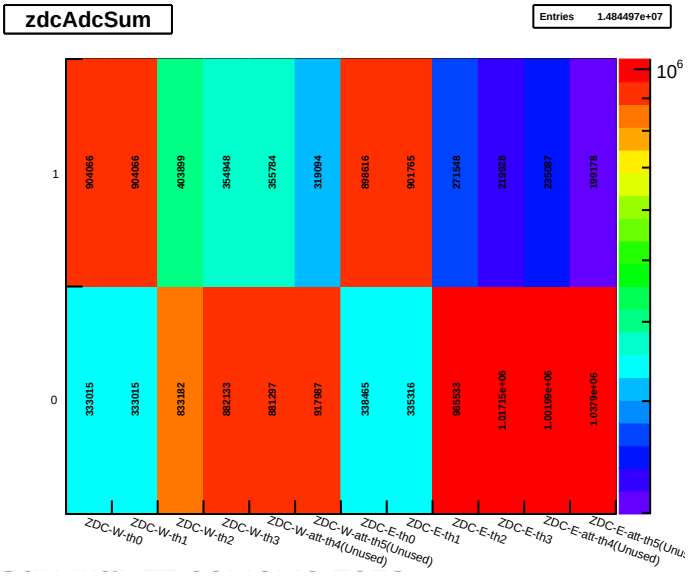

vpdWestTacSumVsSimu
Entries 254914
Data
Simu

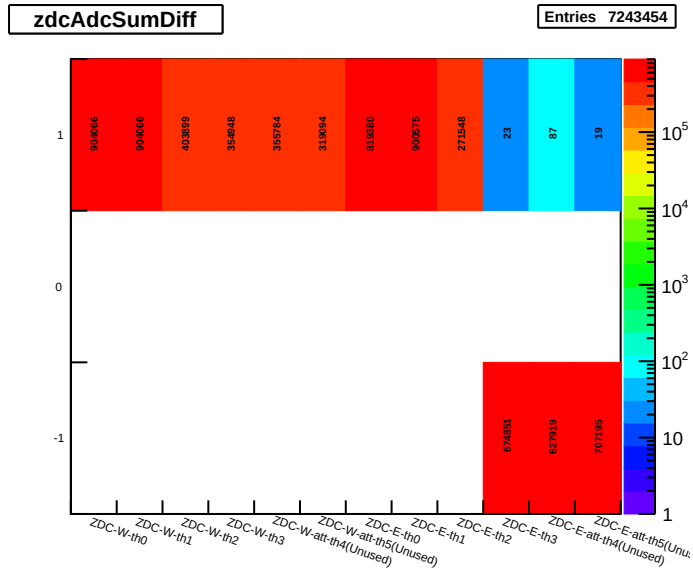

zdcEastTac
Entries 1237081

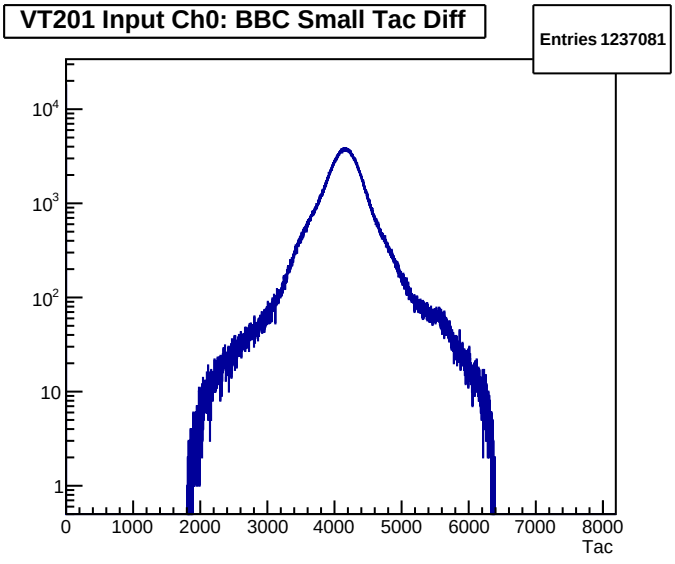

zdcEastTacVsSimu
Entries 1660
Data
Simu

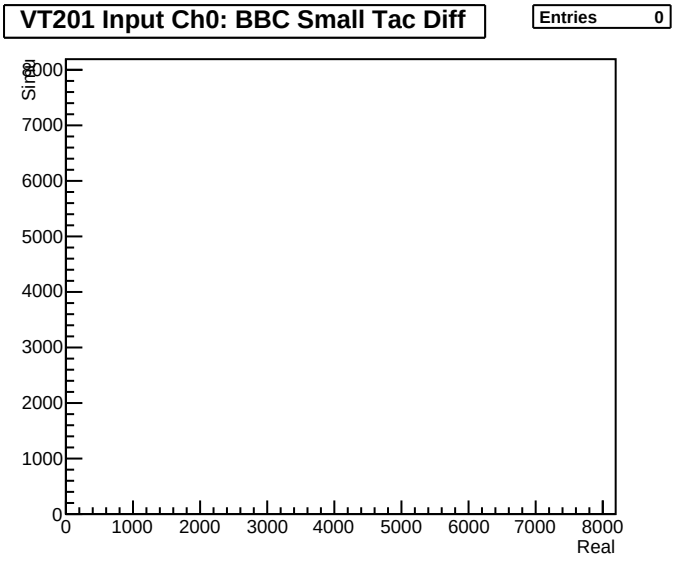

zdcWestTac
Entries 1237081

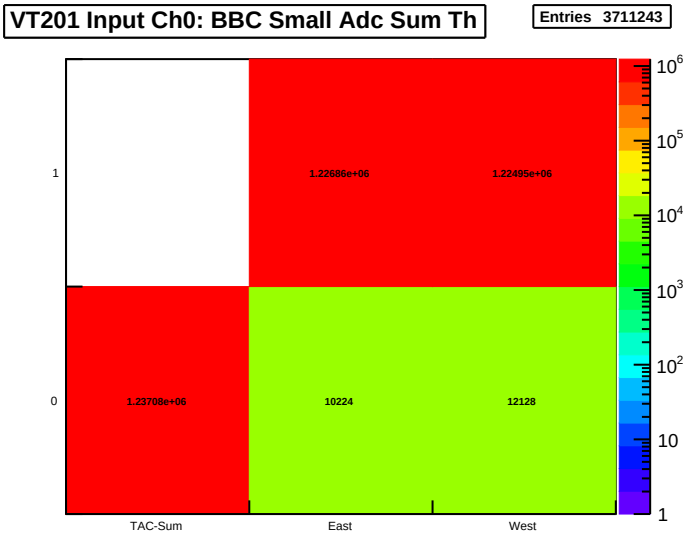

zdcWestTacVsSimu
Entries 906829
Data
Simu

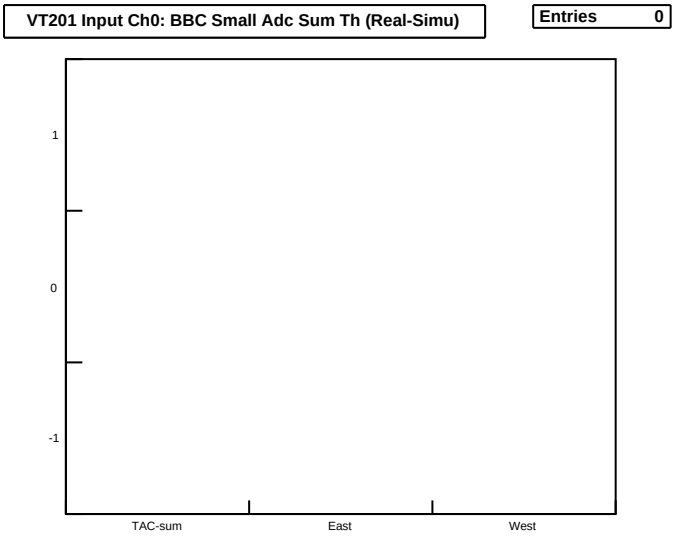

zdcAdcSum
Entries 1.484497e+07
904066
904066
403899
354948
355784
319094
899616
901765
271548
219928
235687
199178
333015
333015
833182
882133
881297
917987
338465
335316
965533
1.0171e+06
1.0019e+06
1.0379e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

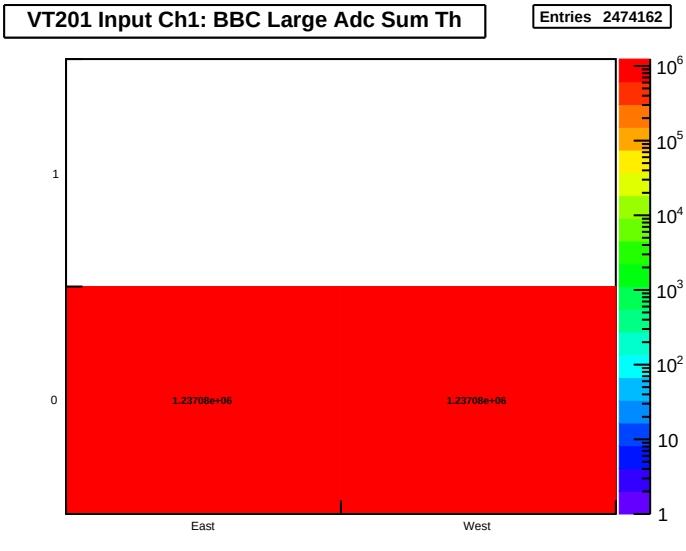

zdcAdcSumDiff
Entries 7243454
904066
904066
403899
354948
355784
319094
819380
900575
271548
23
87
19
674851
627919
707195
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

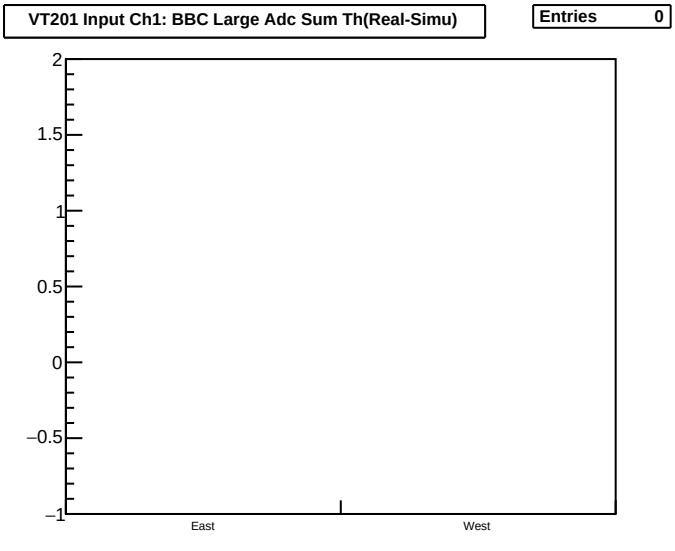

VT201 Input Ch0: BBC Small Tac Diff
Entries 1237081
Tac


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

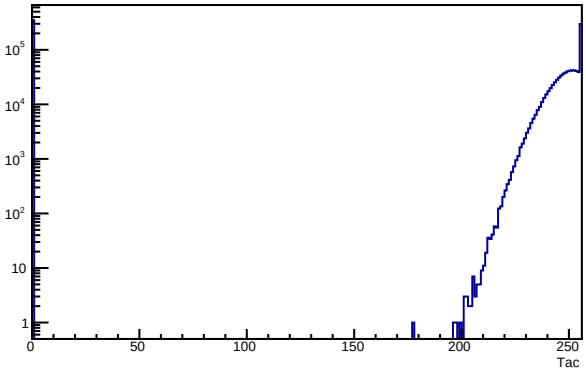

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3711243
1.22686e+06
1.22495e+06
1.23708e+06
10224
12128
TAC-Sum
East
West


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

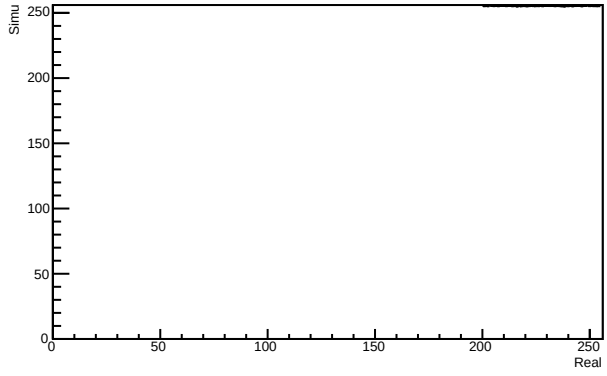

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2474162
1.23708e+06
1.23708e+06
East
West


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

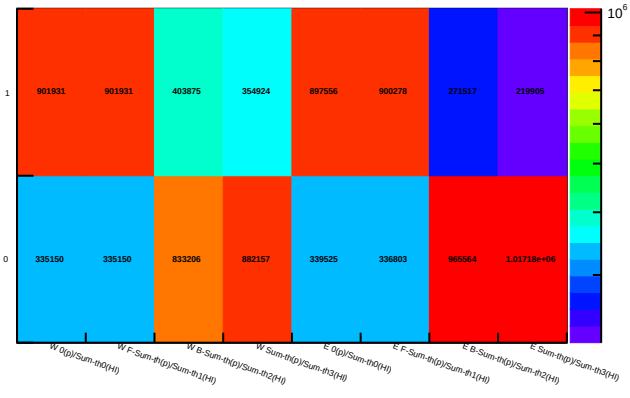
VT201 Input Ch2: ZDC Tac Diff



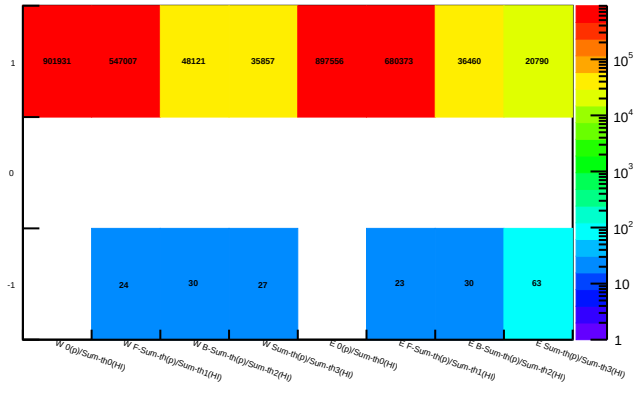
VT201 Input Ch2: ZDC Tac Diff



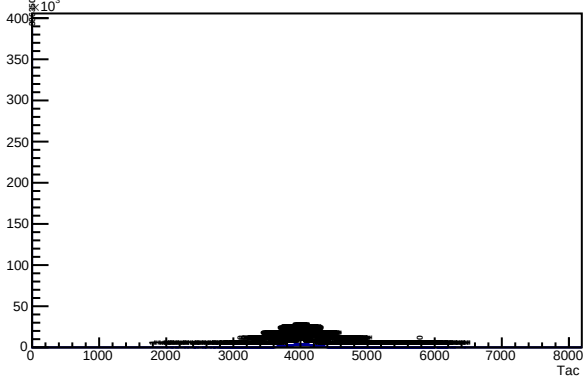
VT201 Input Ch2: ZDC Adc Sum Th



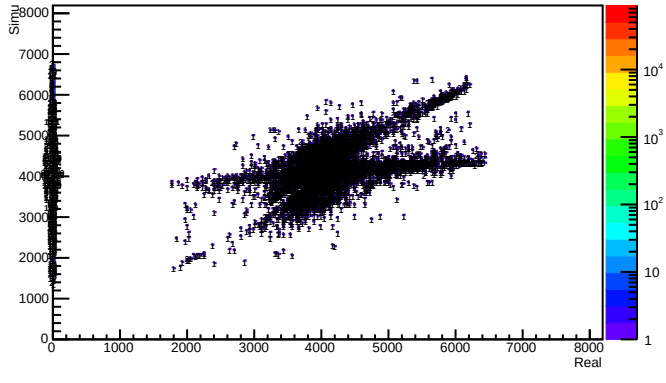
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



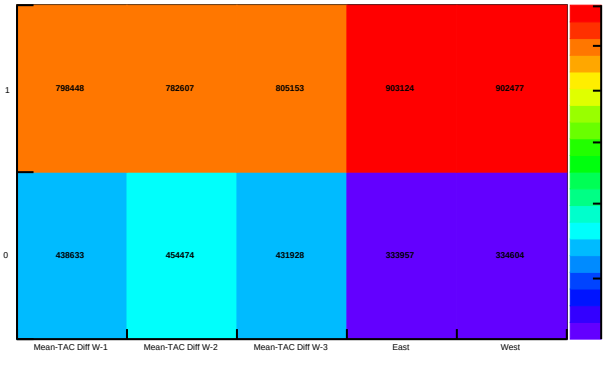
VT201 Input Ch4: VPD Tac Diff



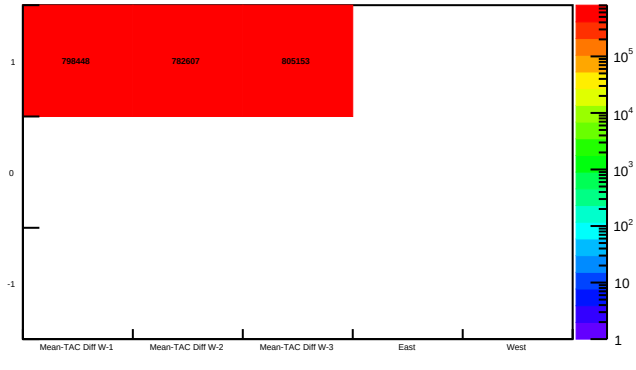
VT201 Input Ch4: VPD Tac Diff

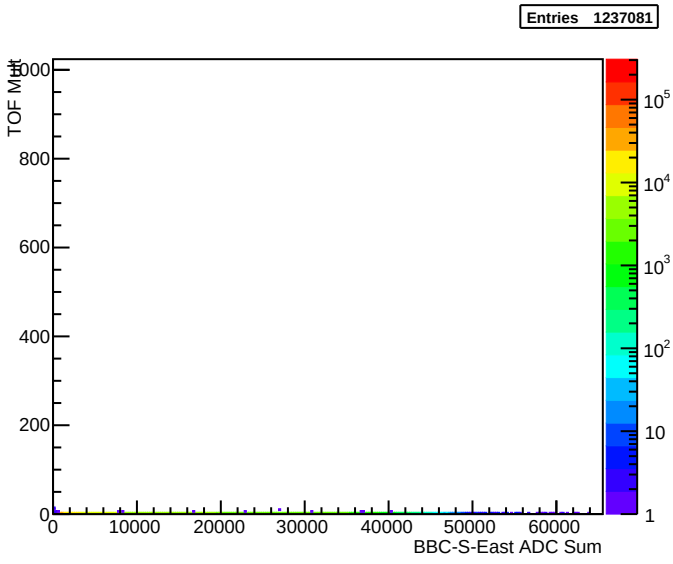


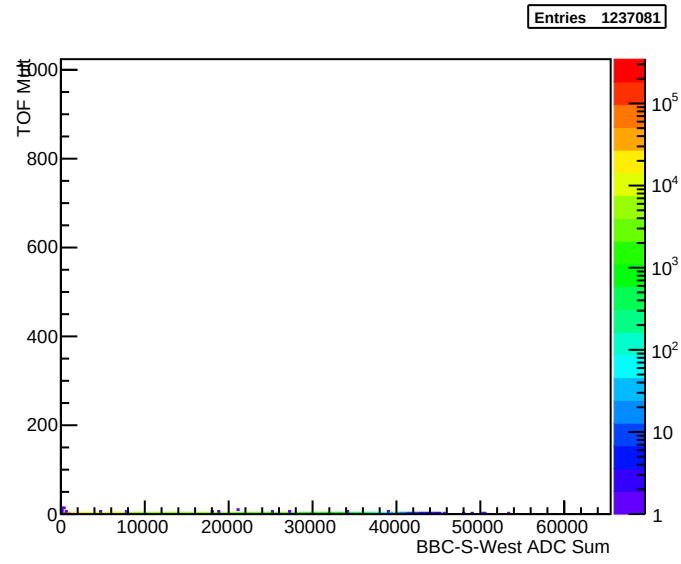
VT201 Input Ch4: VPD Adc Sum Th

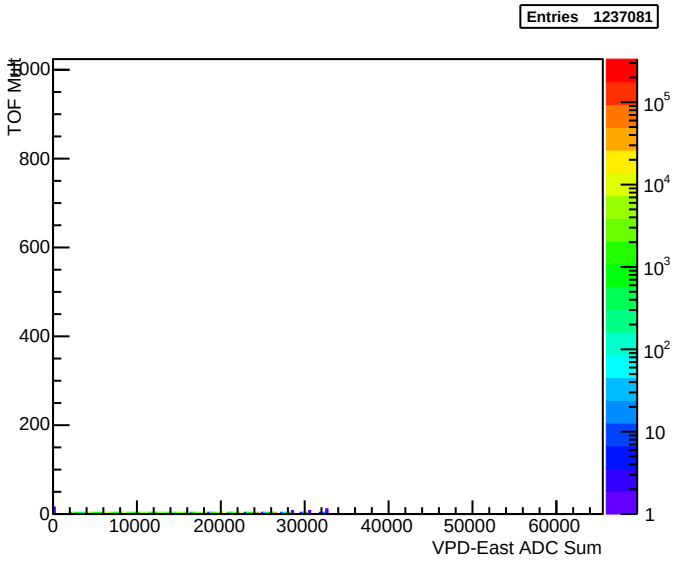


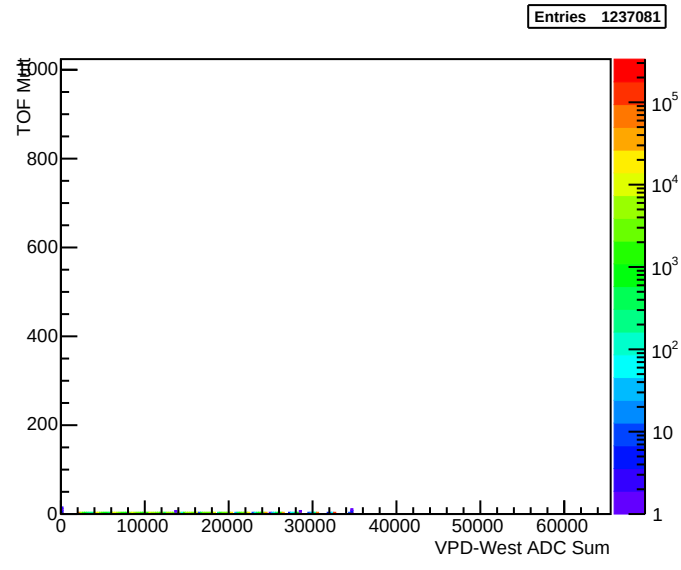
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

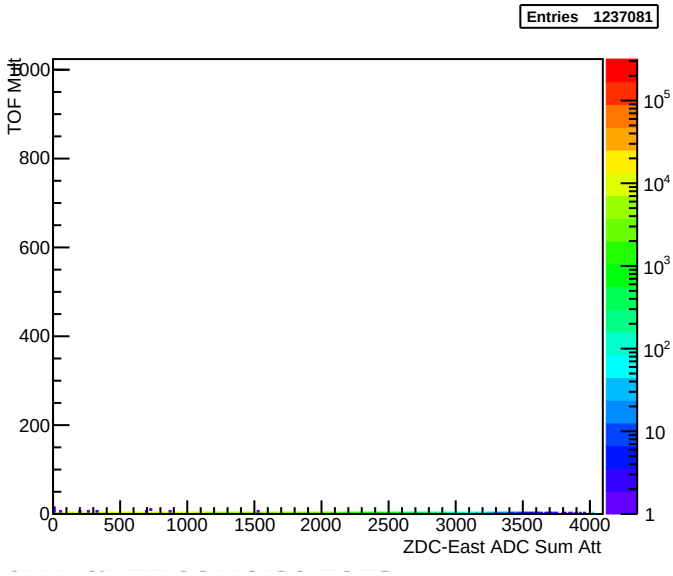


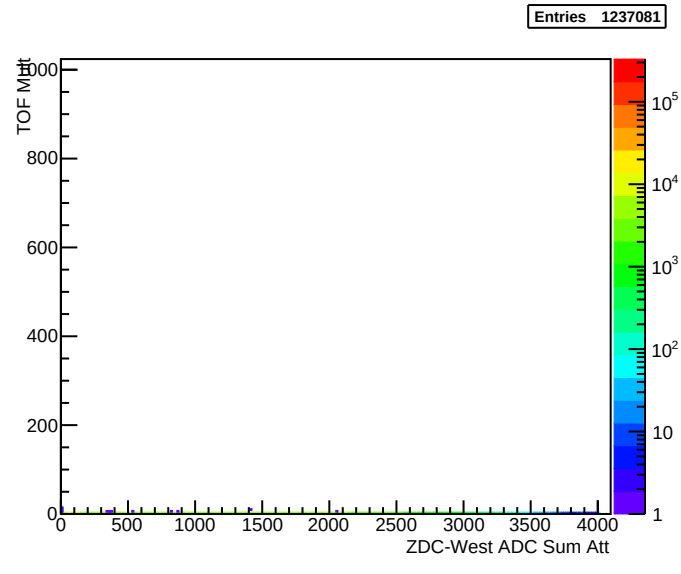

Entries 1237081
TOF Mult
BBC-S-East ADC Sum

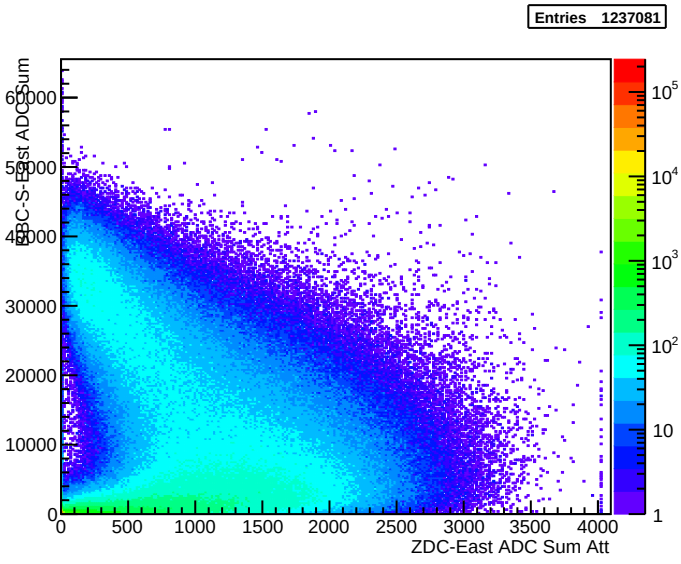

Entries 1237081
TOF Mult
BBC-S-West ADC Sum

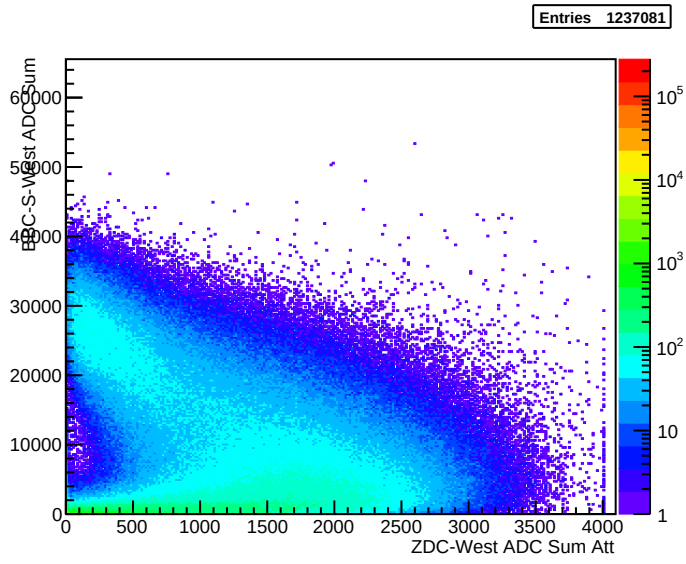

Entries 1237081
TOF Mult
VPD-East ADC Sum

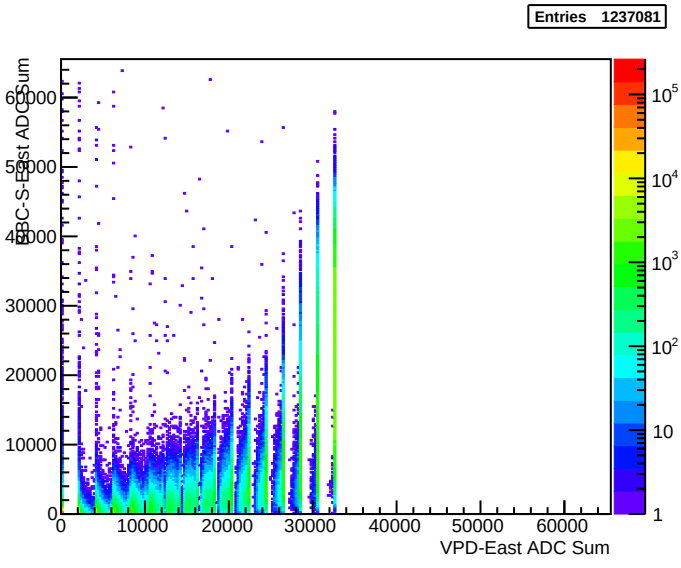

Entries 1237081
TOF Mult
VPD-West ADC Sum

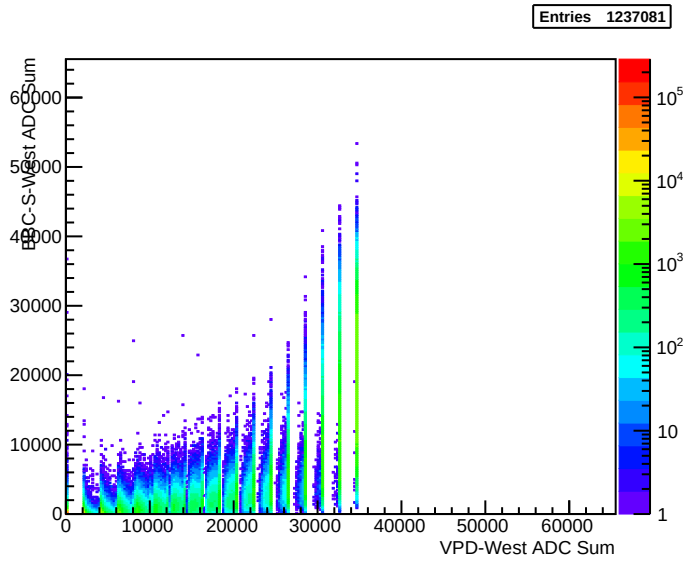

Entries 1237081
TOF Mult
ZDC-East ADC Sum Att

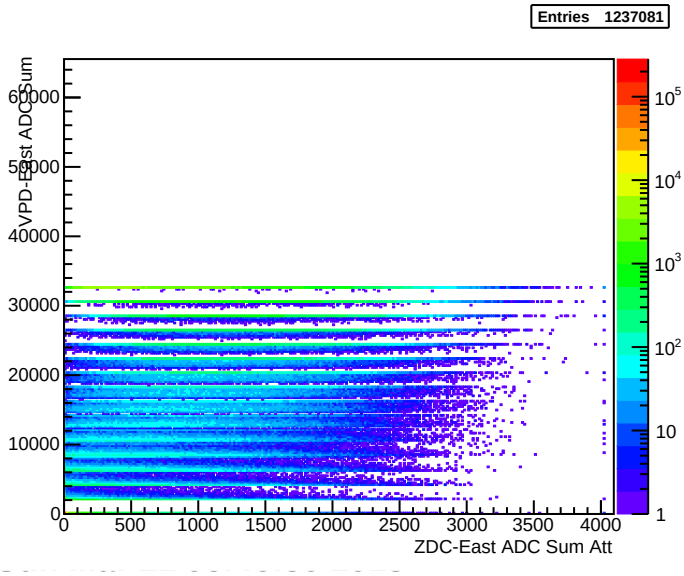

Entries 1237081
TOF Mult
ZDC-West ADC Sum Att

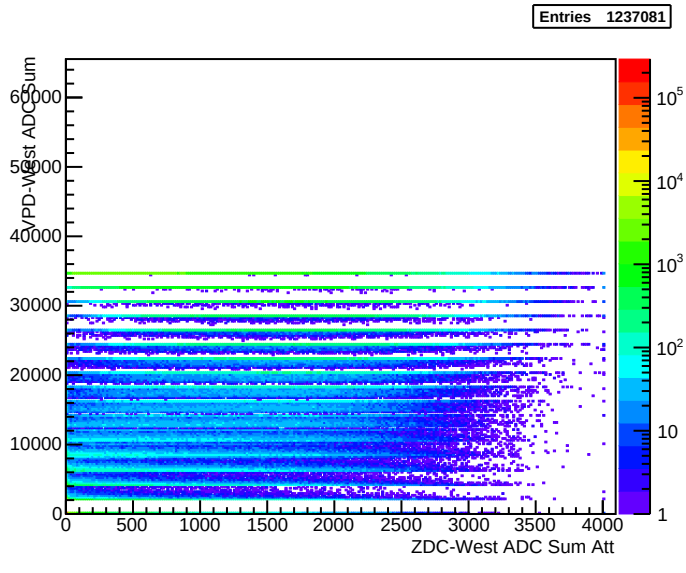

Entries 1237081
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

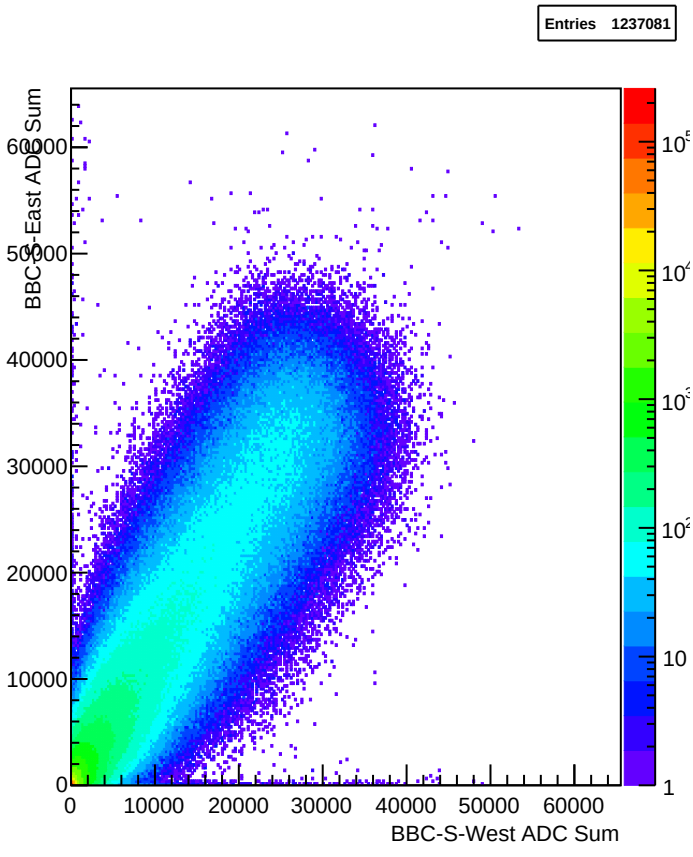

Entries 1237081
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

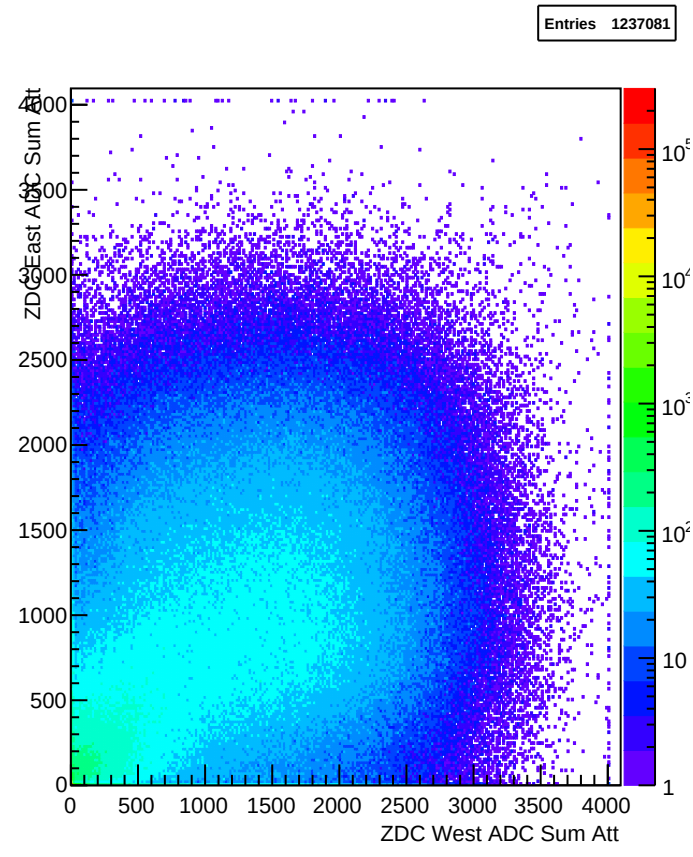

Entries 1237081
BBC-S-East ADC Sum
VPD-East ADC Sum

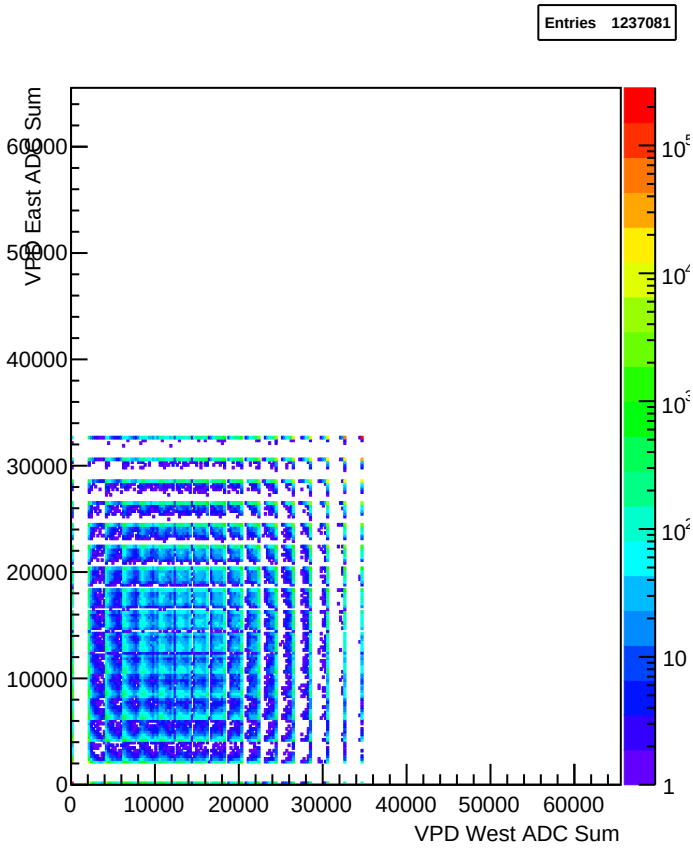

Entries 1237081
BBC-S-West ADC Sum
VPD-West ADC Sum

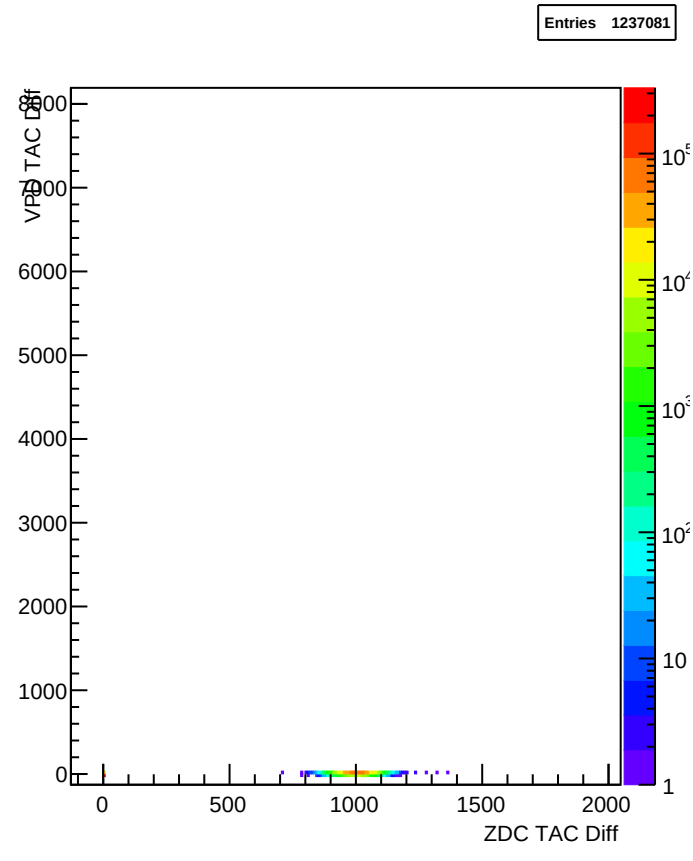

Entries 1237081
VPD-East ADC Sum
ZDC-East ADC Sum Att

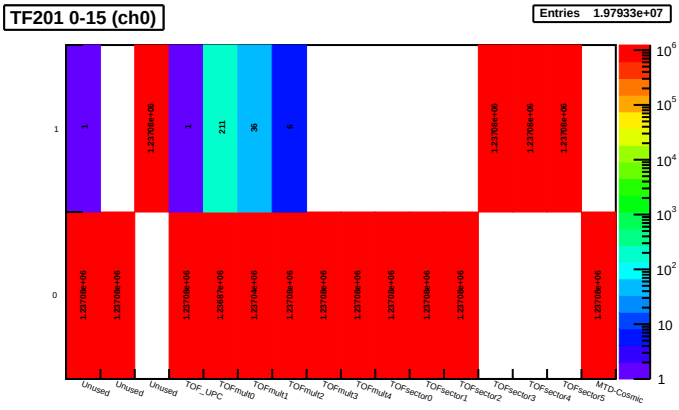

Entries 1237081
VPD-West ADC Sum
ZDC-West ADC Sum Att

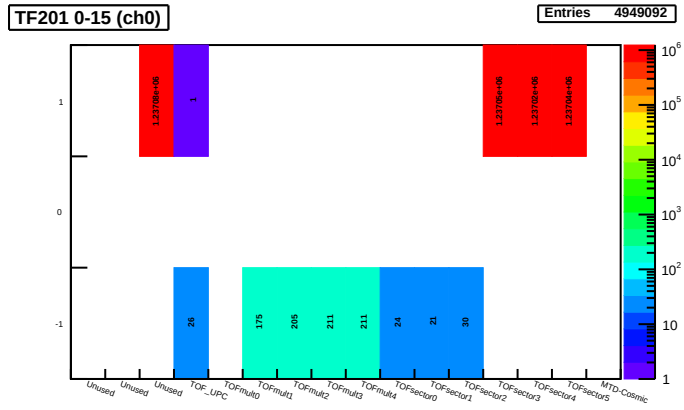

Entries 1237081
BBC-S-East ADC Sum
BBC-S-West ADC Sum

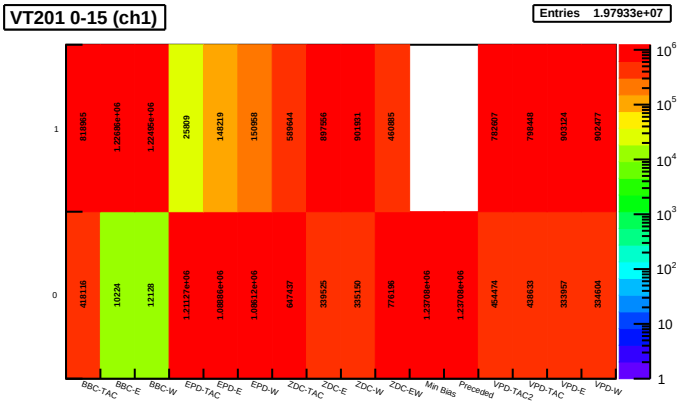

Entries 1237081
ZDC East ADC Sum Att
ZDC West ADC Sum Att

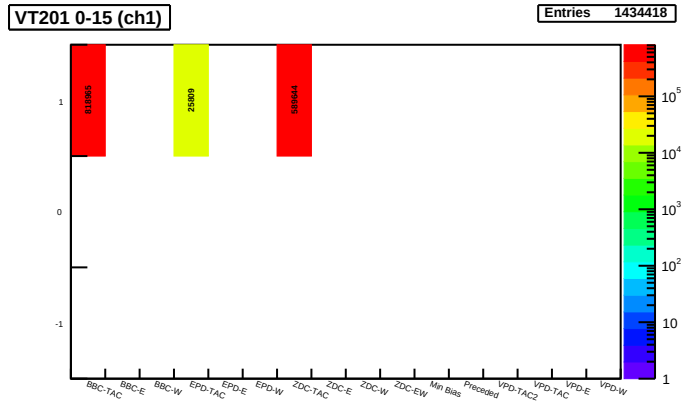

Entries 1237081
VPD East ADC Sum
VPD West ADC Sum

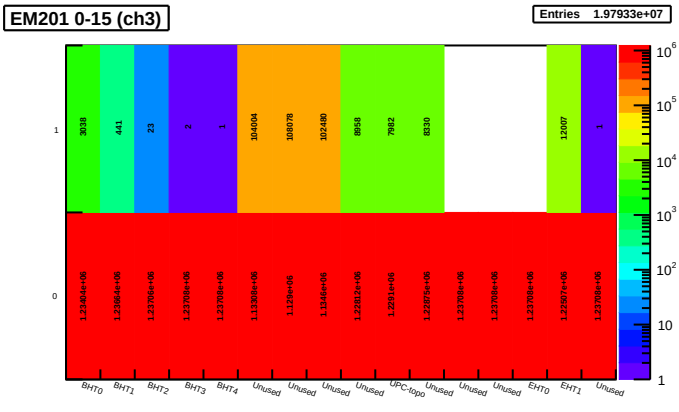

Entries 1237081
VPD TAC Diff
ZDC TAC Diff

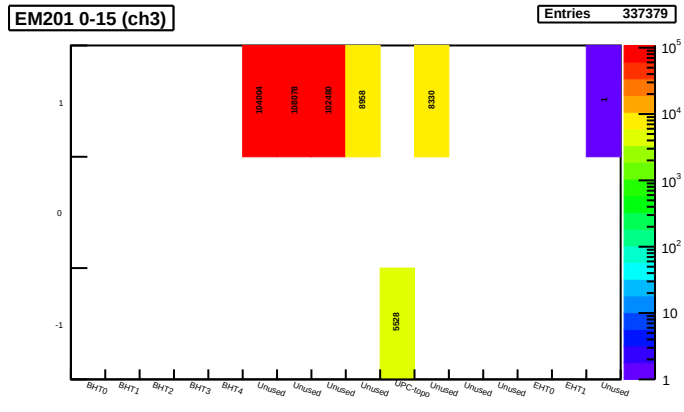

TF201 0-15 (ch0)
Entries 1.97933e+07
Unused
Unused
Unused
TOF_-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5
MTD-Cosmic

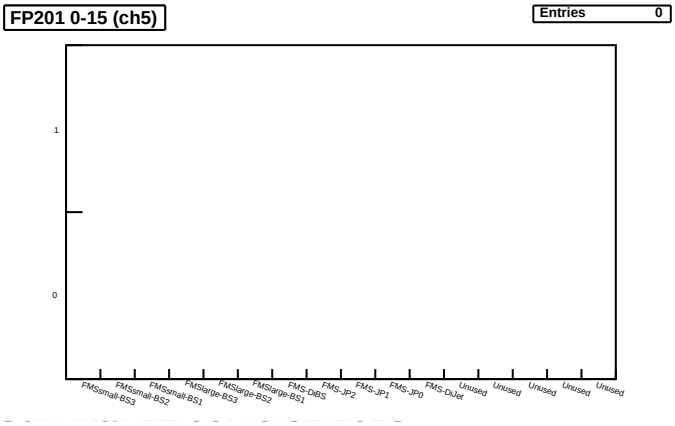

TF201 0-15 (ch0)
Entries 4949092
Unused
Unused
Unused
TOF_-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5
MTD-Cosmic

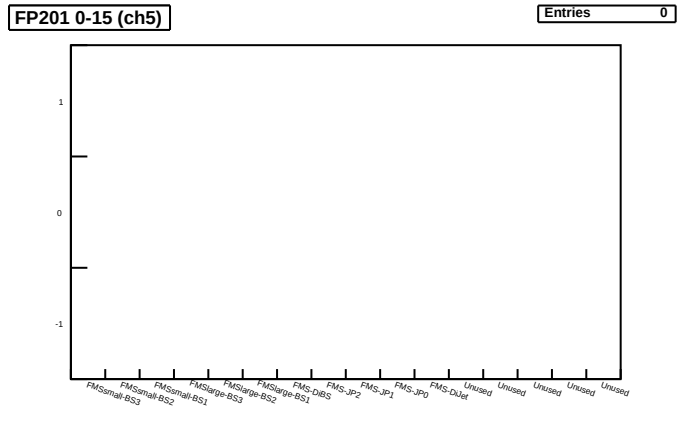

VT201 0-15 (ch1)
Entries 1.97933e+07
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-EW
Min Bias
Preceded
VPD-TAC2
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1434418
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-EW
Min Bias
Preceded
VPD-TAC2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.97933e+07
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused


EM201 0-15 (ch3)
Entries 337379
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused


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


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