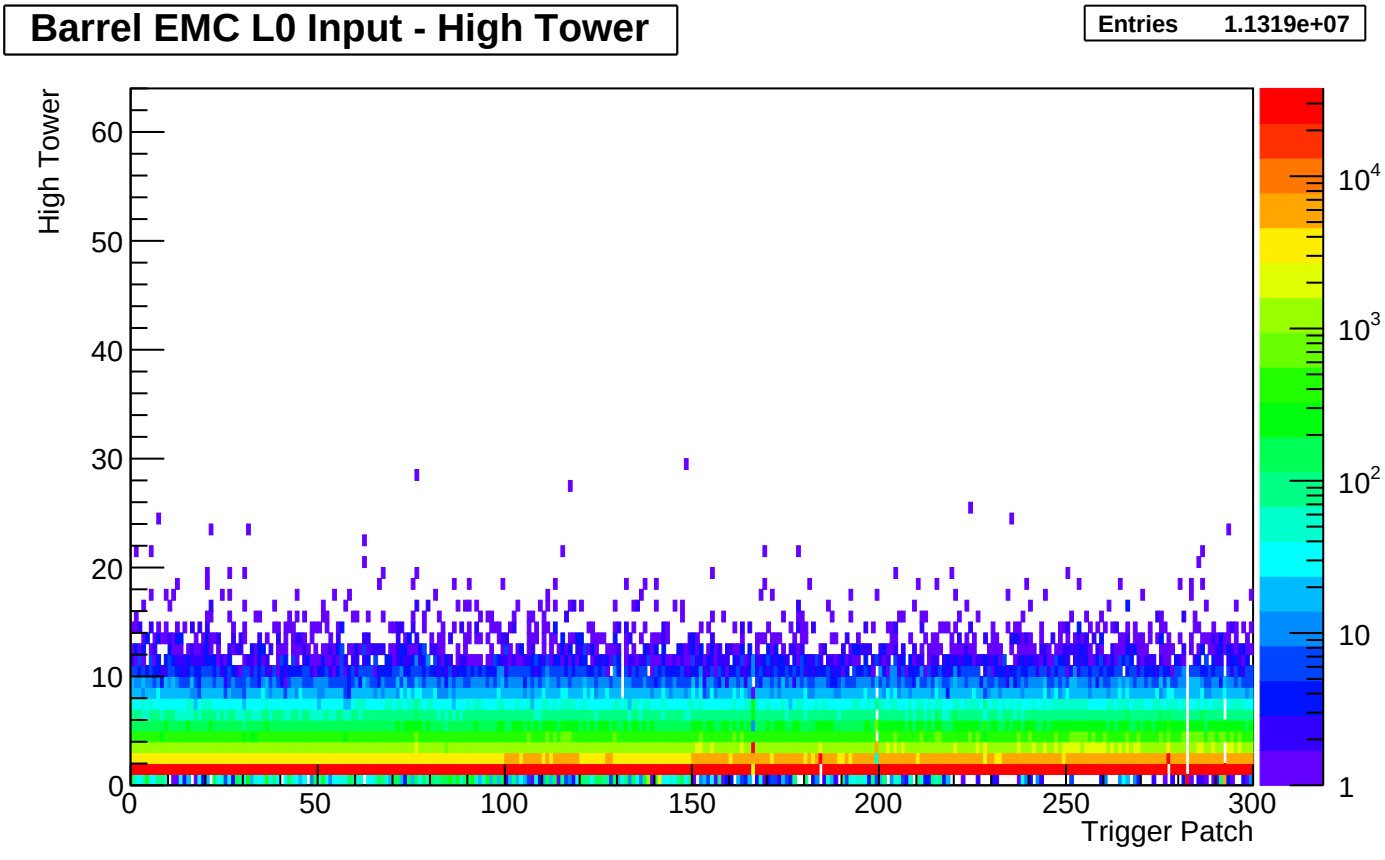
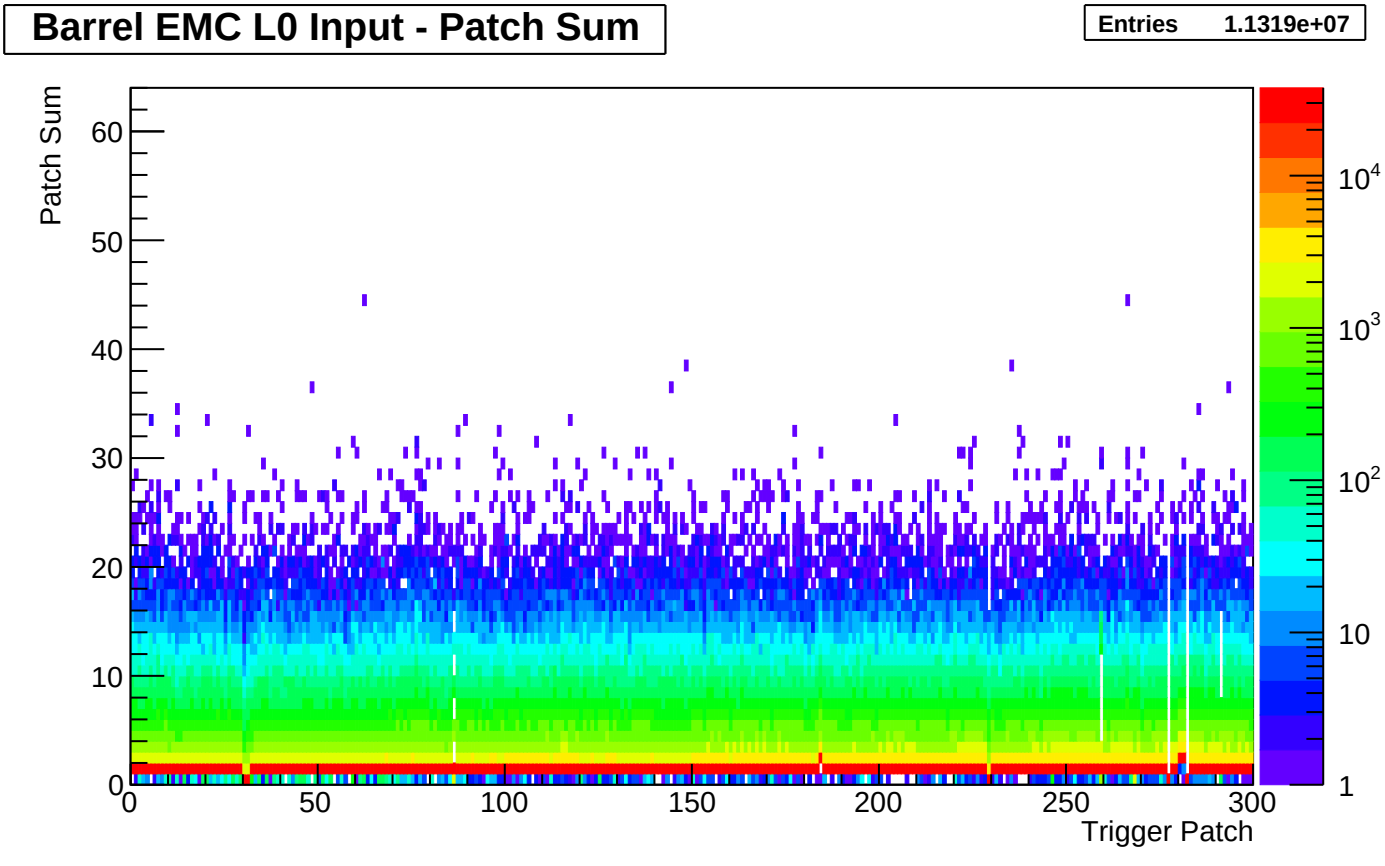
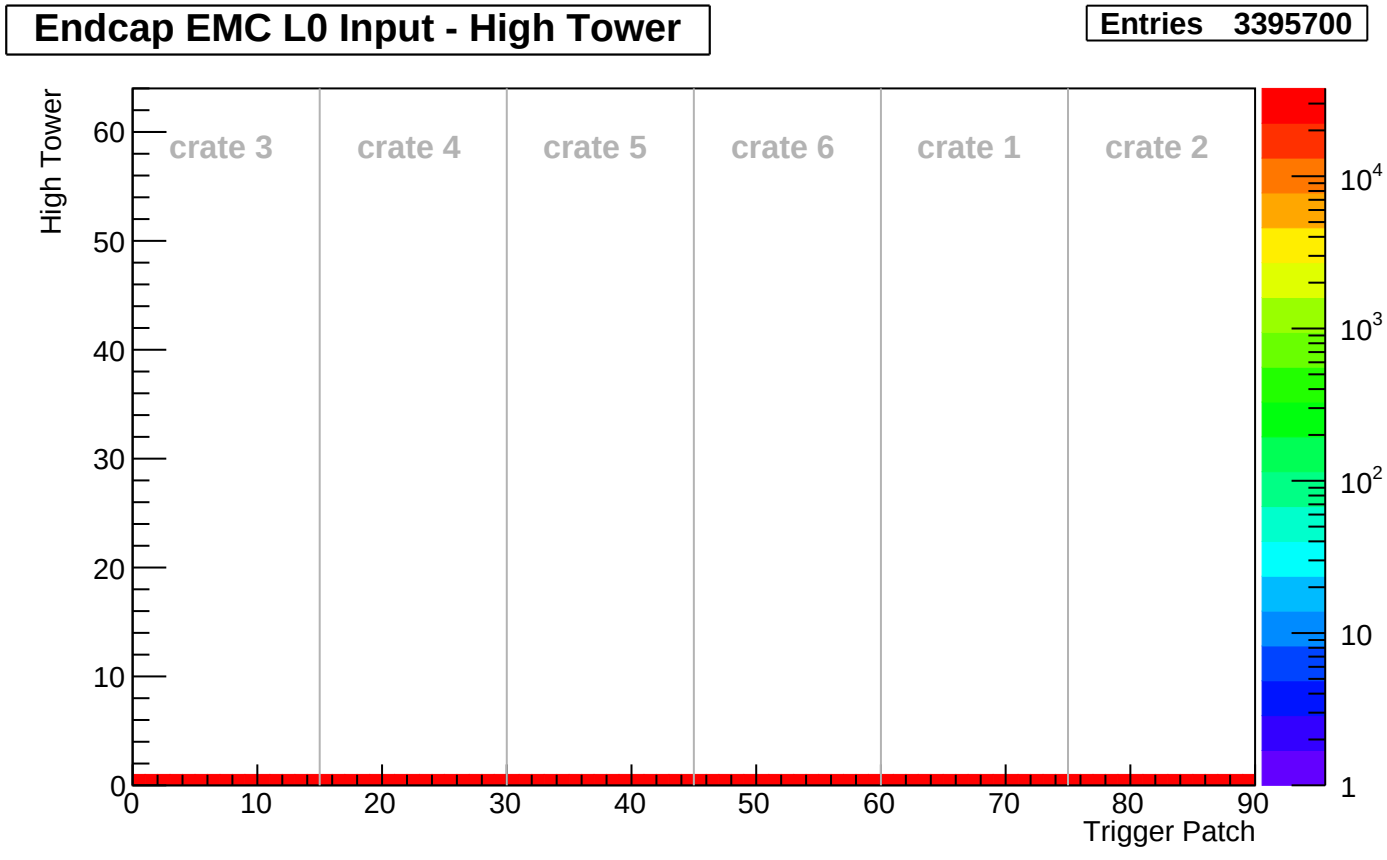
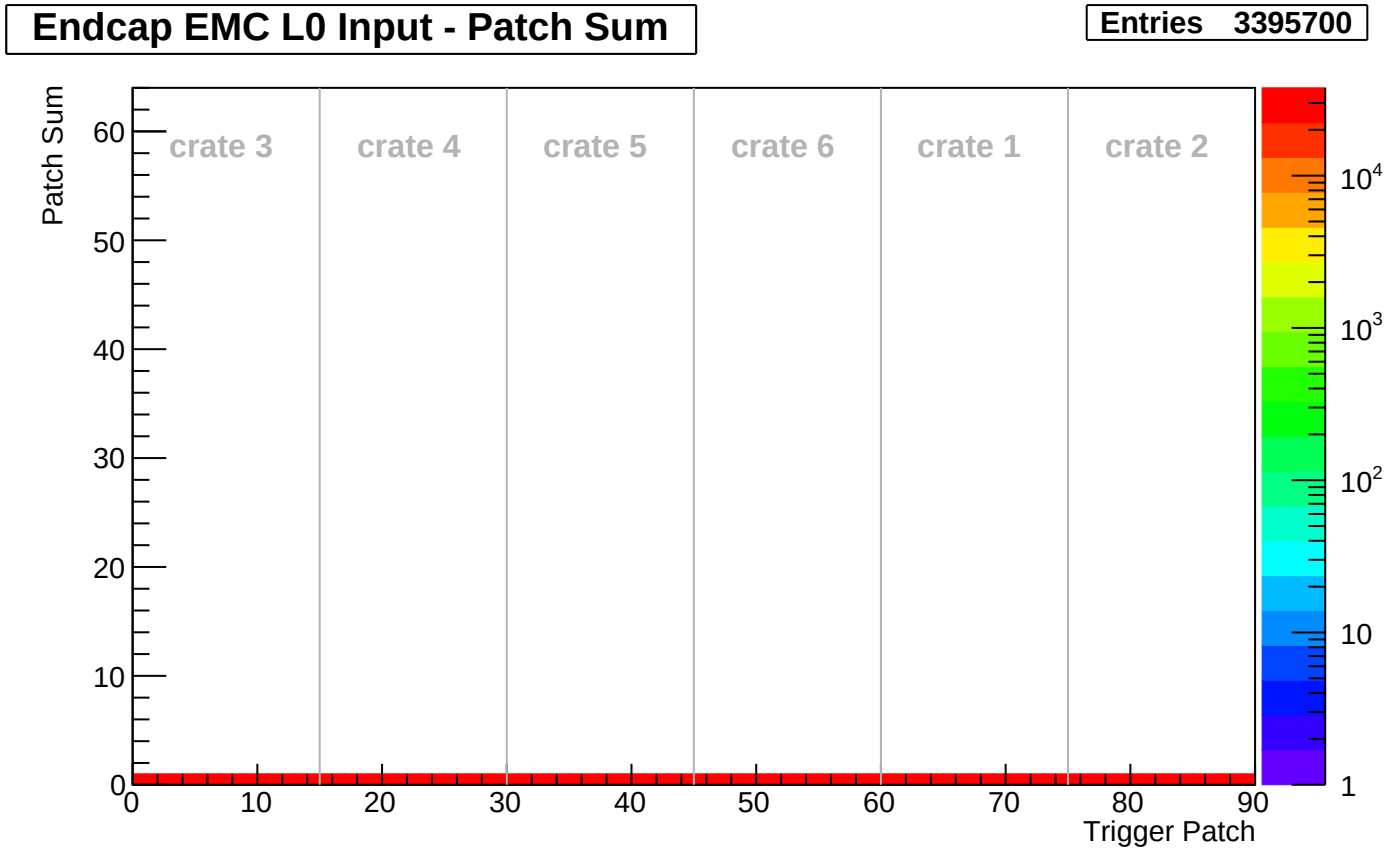
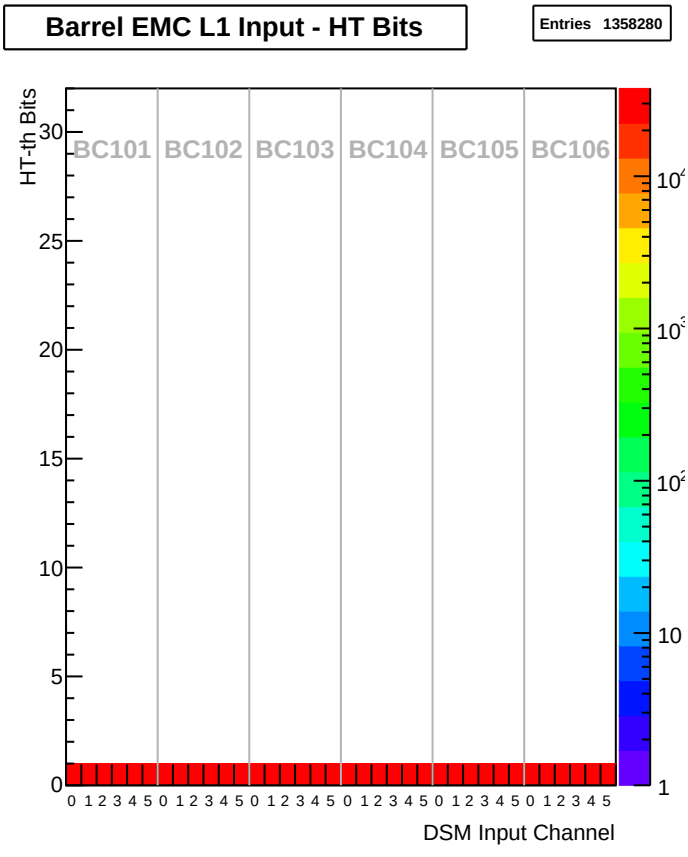
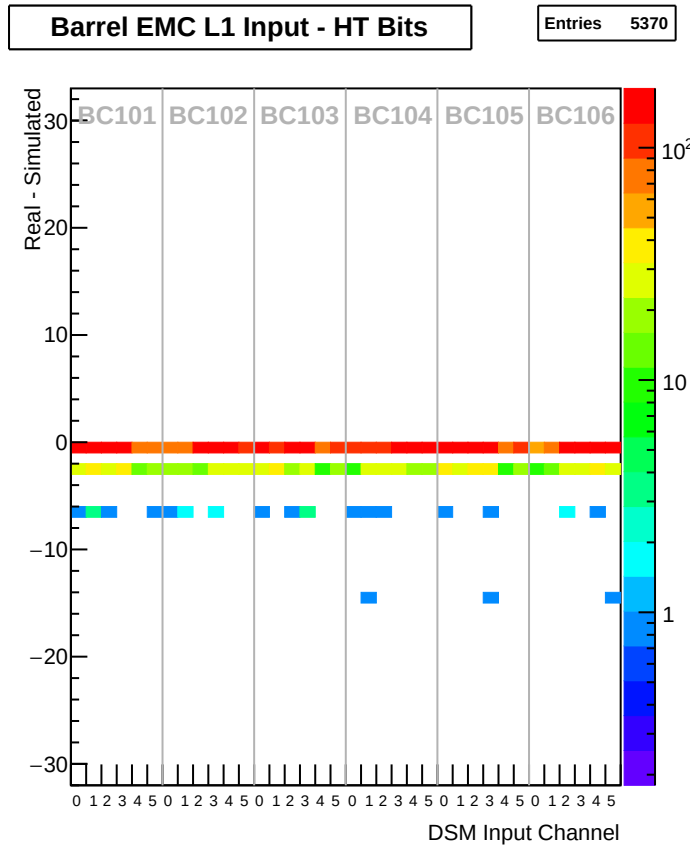

Barrel EMC L0 Input - High Tower
Entries 1.1319e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

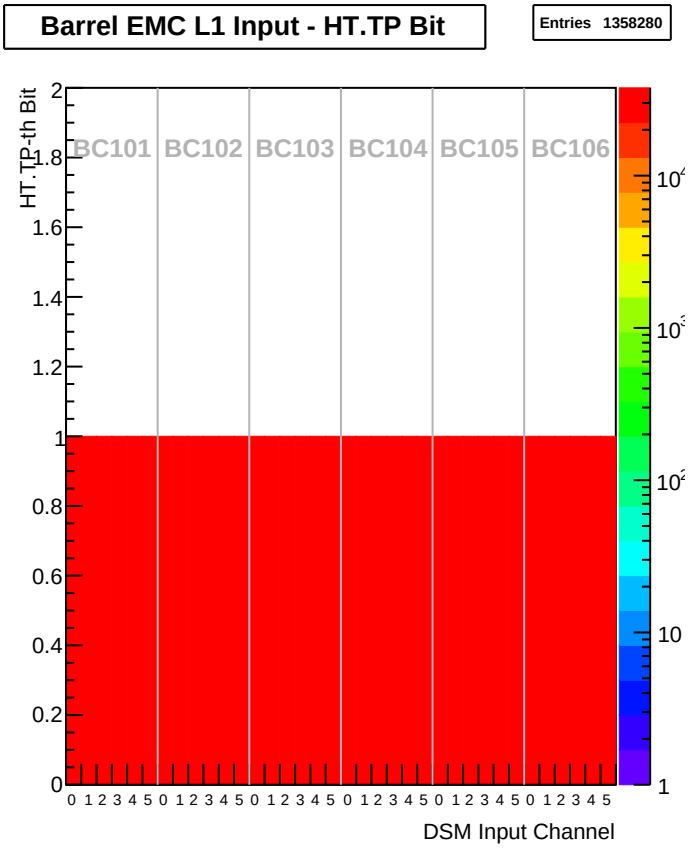

Barrel EMC L0 Input - Patch Sum
Entries 1.1319e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

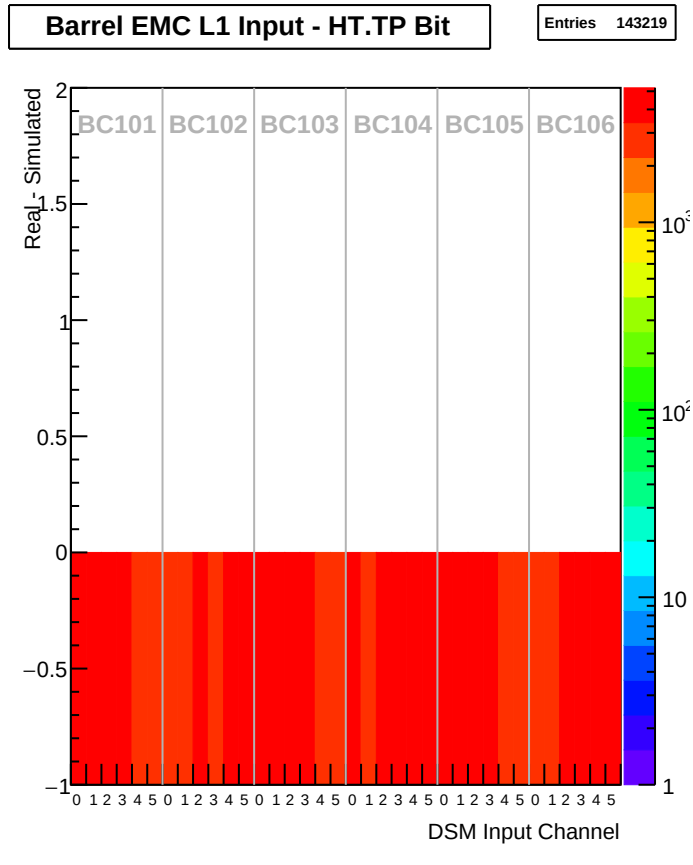

Endcap EMC L0 Input - High Tower
Entries 3395700
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

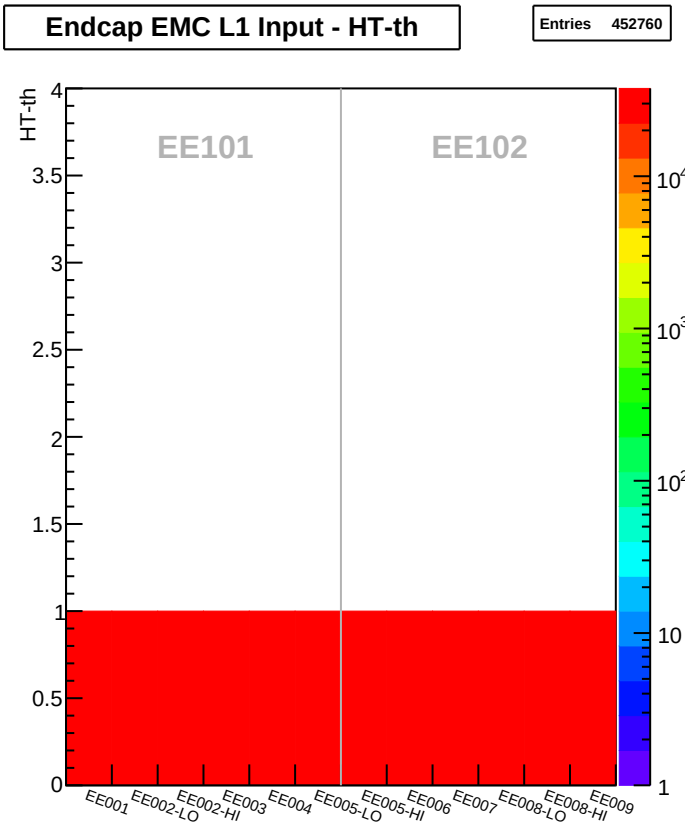

Endcap EMC L0 Input - Patch Sum
Entries 3395700
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

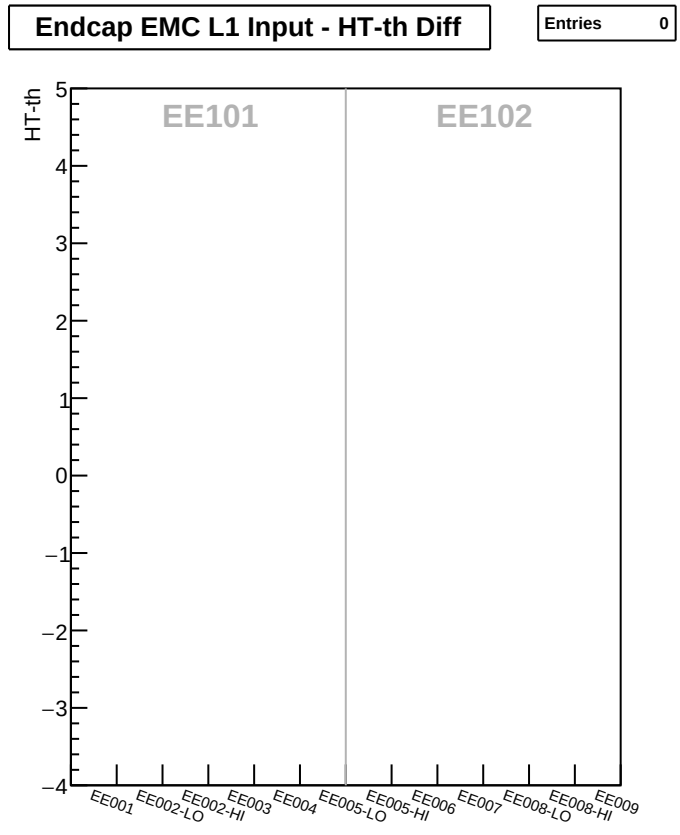

Barrel EMC L1 Input - HT Bits
Entries 1358280
HT-th Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

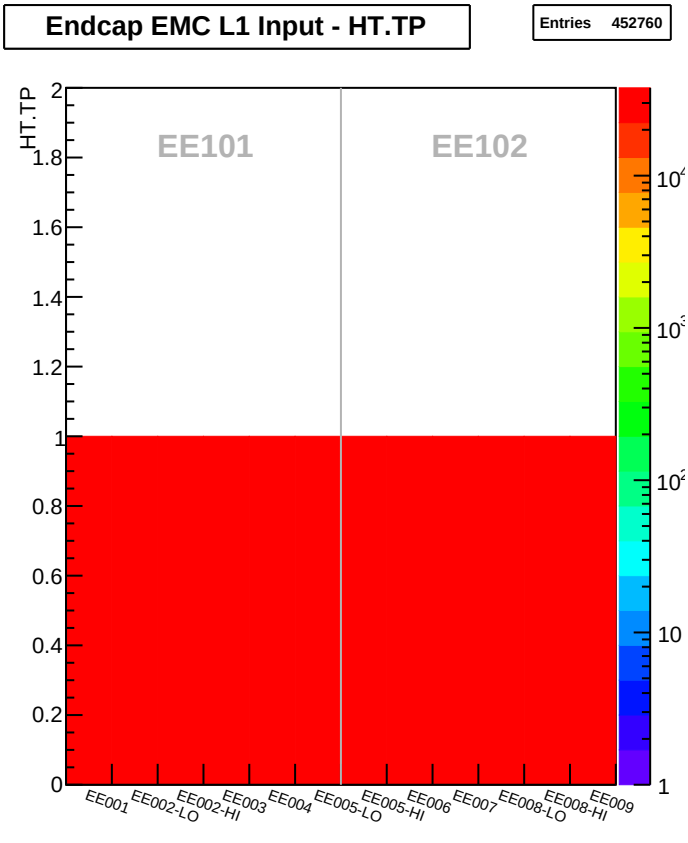

Barrel EMC L1 Input - HT Bits
Entries 5370
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

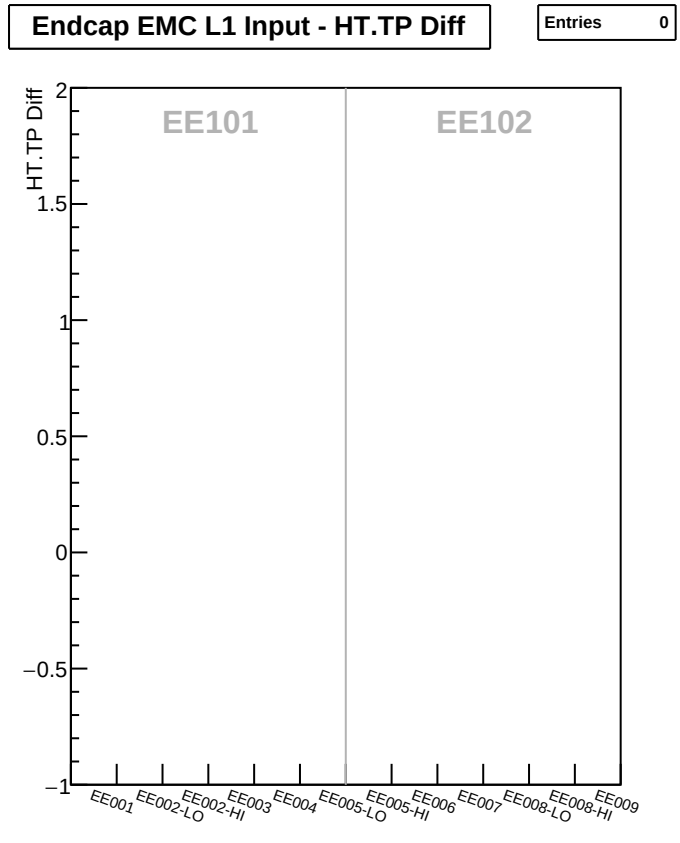

Barrel EMC L1 Input - HT.TP Bit
Entries 1358280
HT.TP-th Bit
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

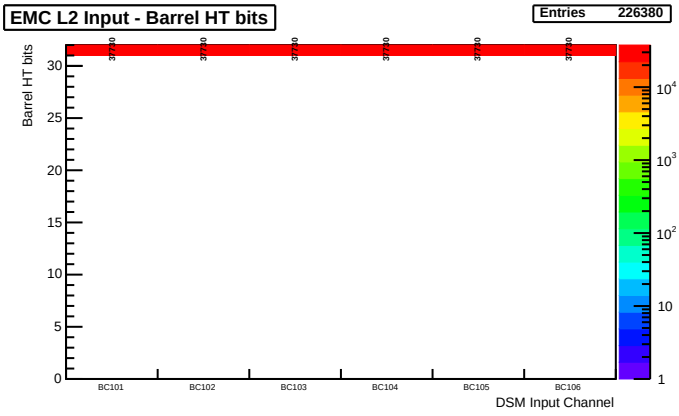

Barrel EMC L1 Input - HT.TP Bit
Entries 143219
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

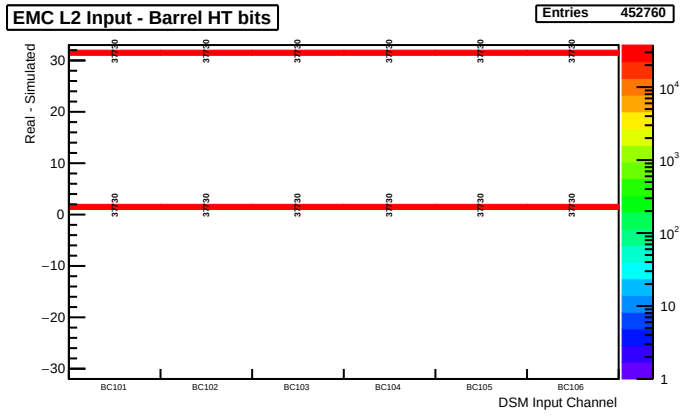

Endcap EMC L1 Input - HT-th
Entries 452760
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

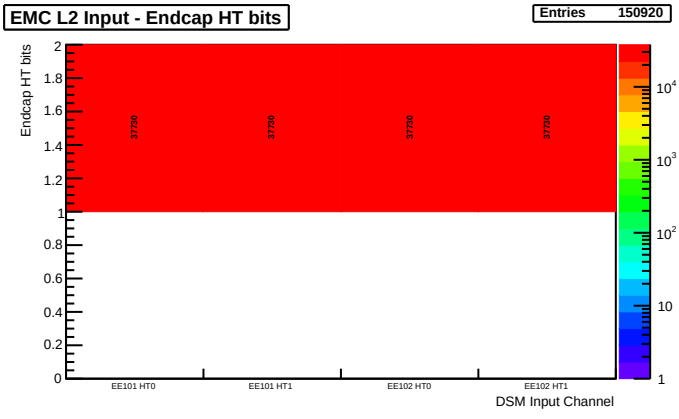

Endcap EMC L1 Input - HT-th Diff
Entries 0
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

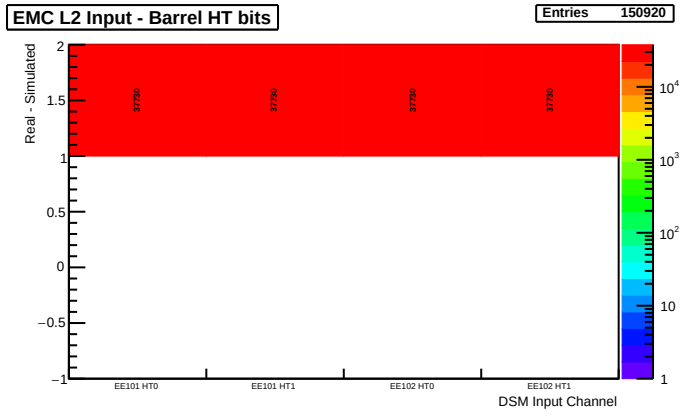

Endcap EMC L1 Input - HT.TP
Entries 452760
HT.TP
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

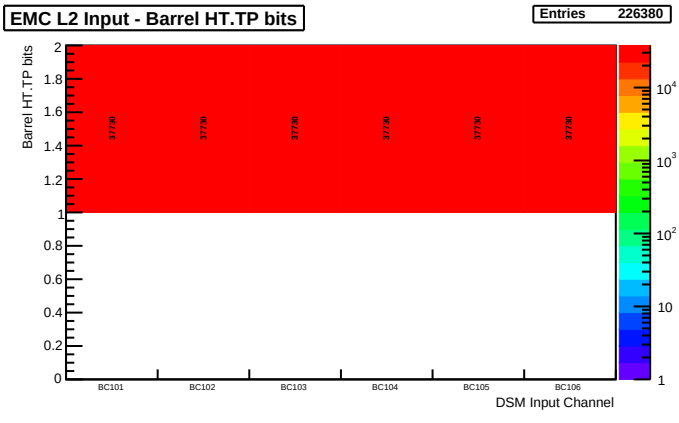

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

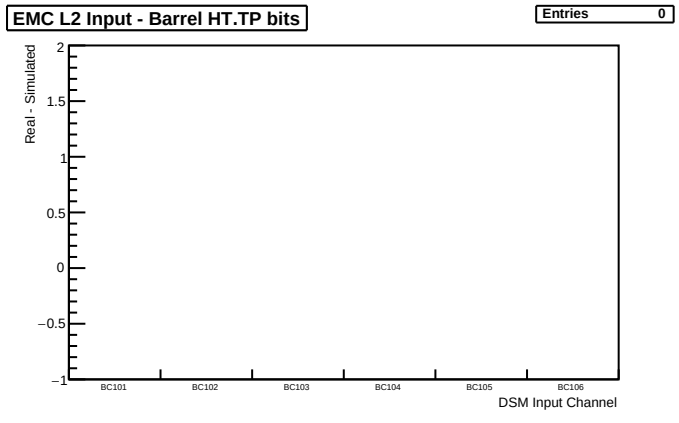

EMC L2 Input - Barrel HT bits
Entries 226380
Barrel HT bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
37730

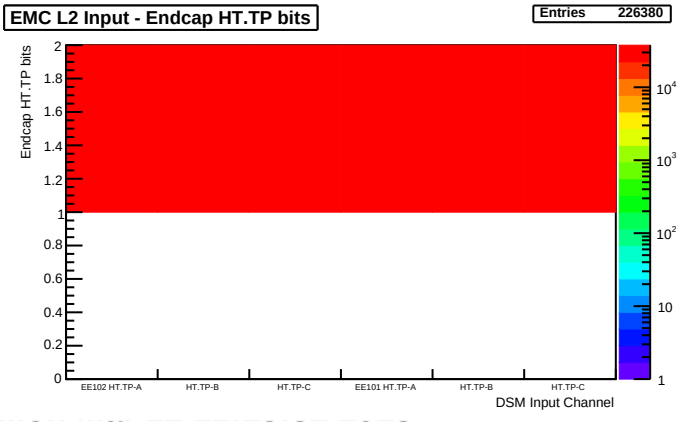

EMC L2 Input - Barrel HT bits
Entries 452760
Real - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
37730

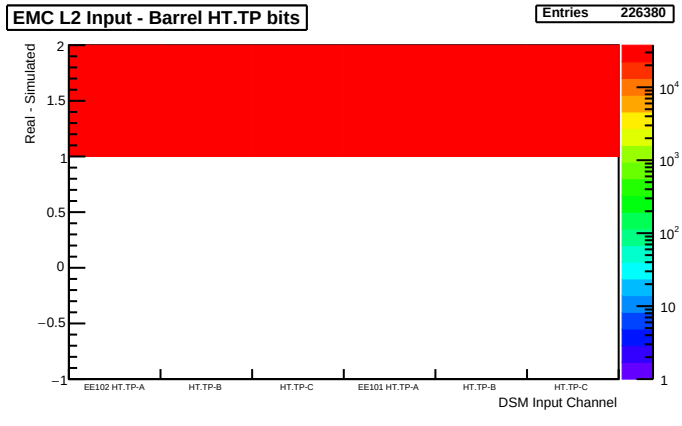

EMC L2 Input - Endcap HT bits
Entries 150920
Endcap HT bits
DSM Input Channel
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1
37730

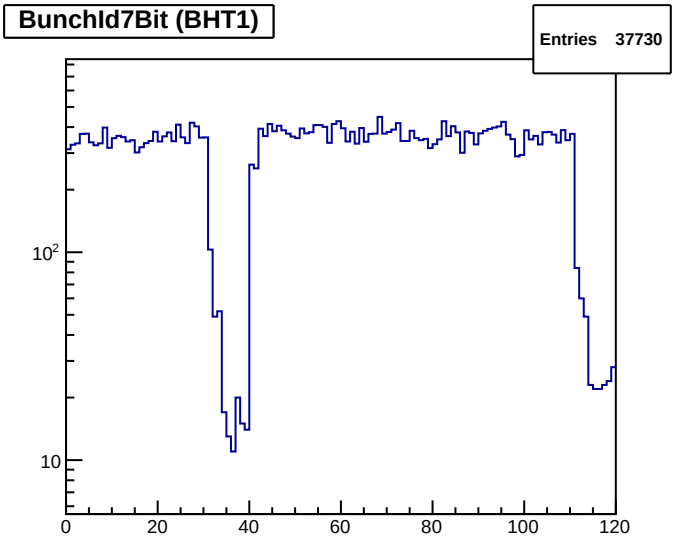

EMC L2 Input - Barrel HT bits
Entries 150920
Real - Simulated
DSM Input Channel
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1
37730

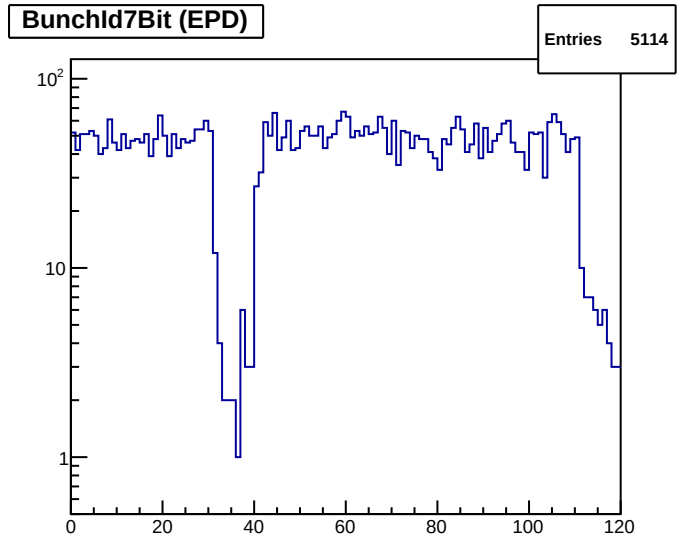

EMC L2 Input - Barrel HT.TP bits
Entries 226380
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
37730

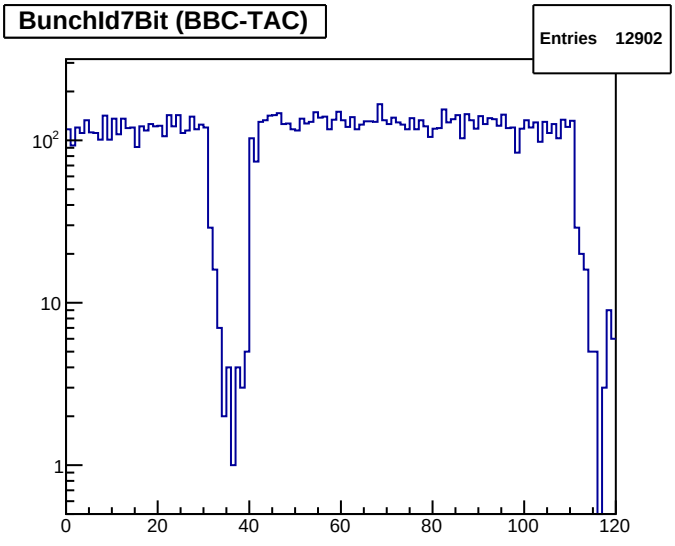

EMC L2 Input - Barrel HT.TP bits
Entries 0
Real - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

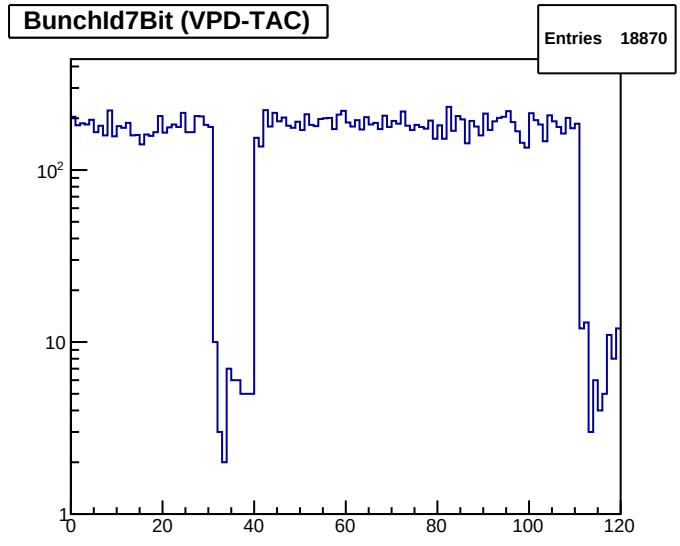

EMC L2 Input - Endcap HT.TP bits
Entries 226380
Endcap HT.TP bits
DSM Input Channel
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C

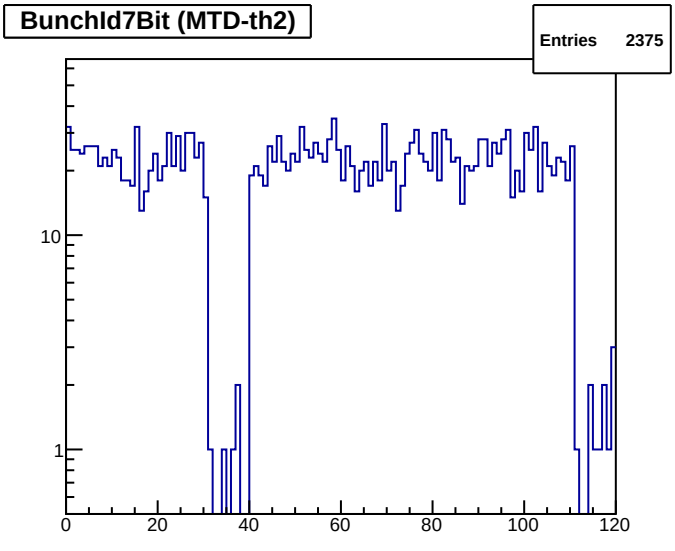

EMC L2 Input - Barrel HT.TP bits
Entries 226380
Real - Simulated
DSM Input Channel
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C

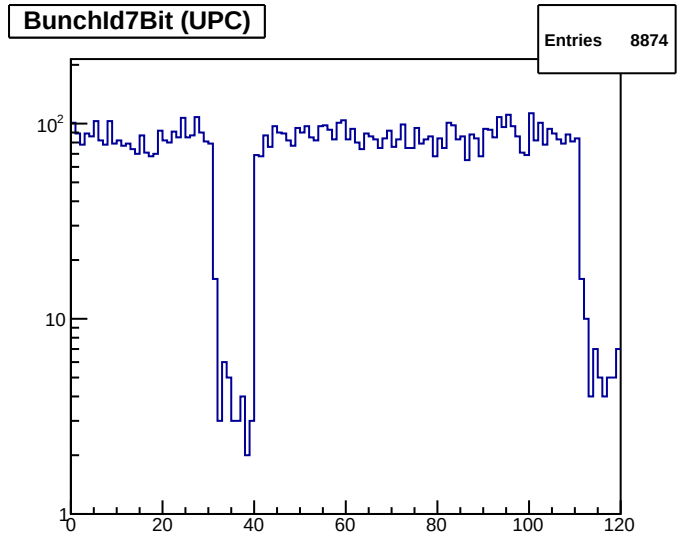

BunchId7Bit (BHT1)
Entries 37730
10^2
10
0
20
40
60
80
100
120

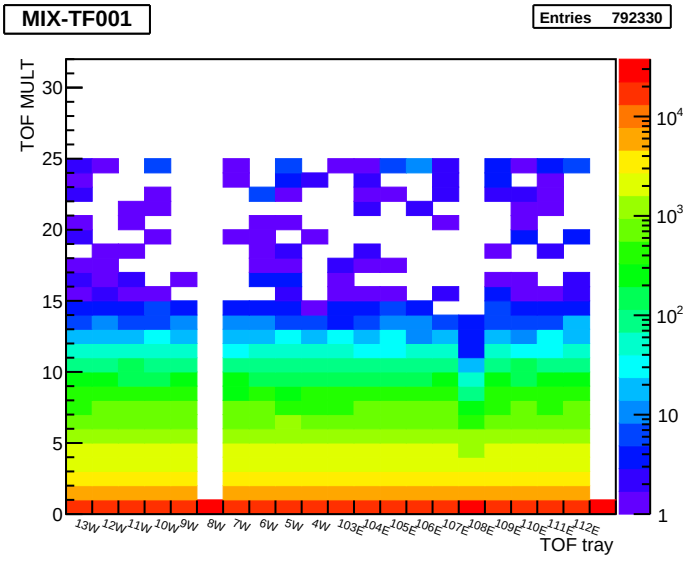

BunchId7Bit (EPD)
Entries 5114
10^2
10
1
0
20
40
60
80
100
120

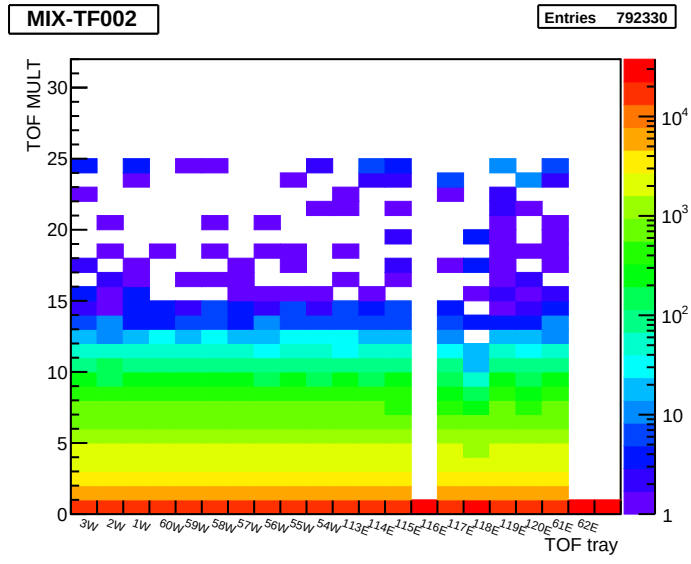

BunchId7Bit (BBC-TAC)
Entries 12902
10^2
10
1
0
20
40
60
80
100
120

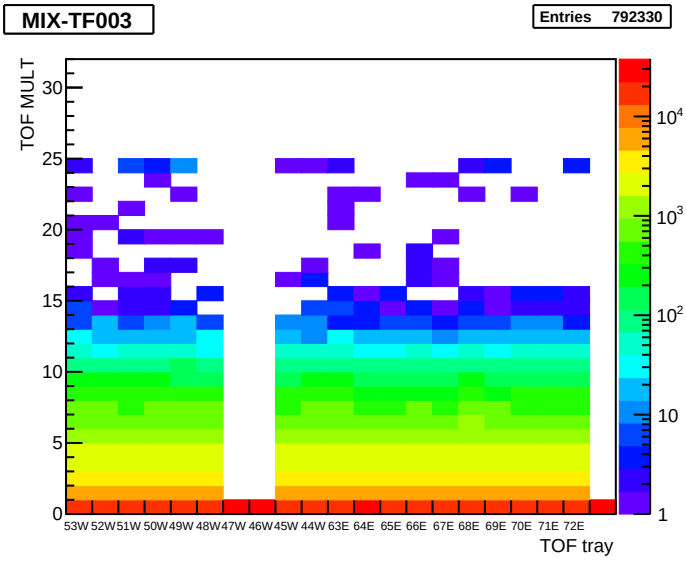

BunchId7Bit (VPD-TAC)
Entries 18870
10^2
10
1
0
20
40
60
80
100
120

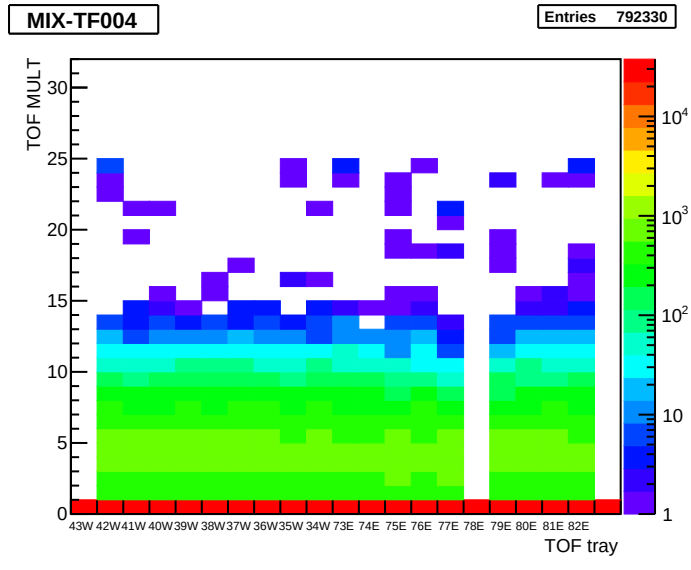

BunchId7Bit (MTD-th2)
Entries 2375
10
1
0
20
40
60
80
100
120

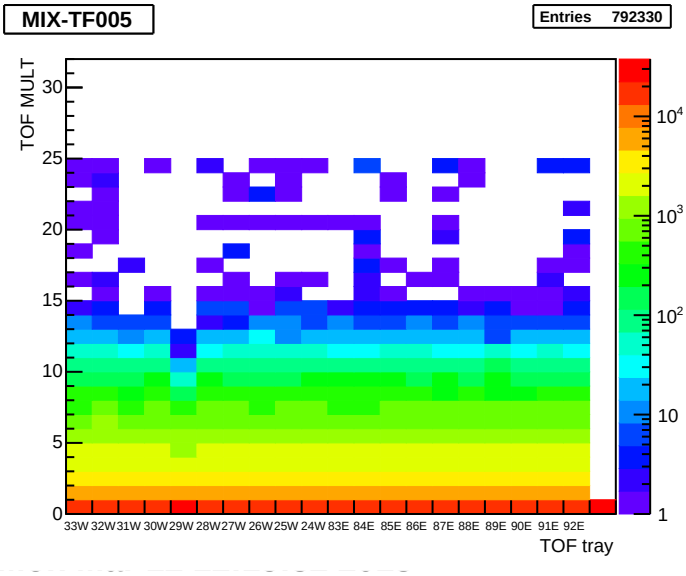

BunchId7Bit (UPC)
Entries 8874
10^2
10
1
0
20
40
60
80
100
120

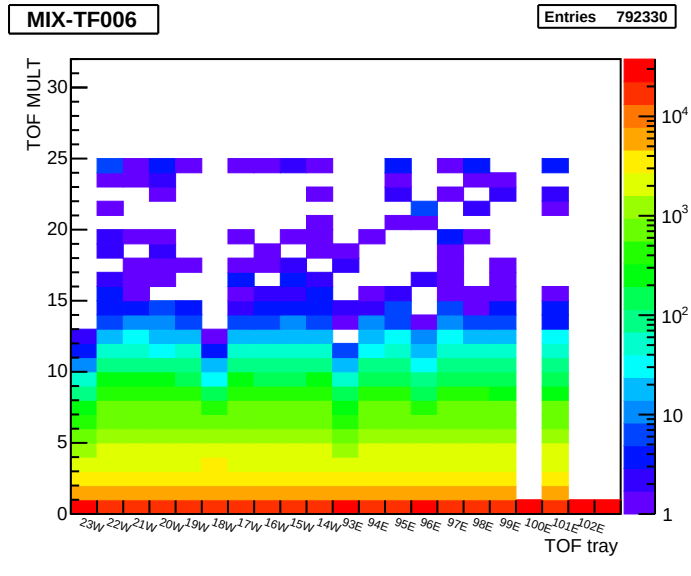

MIX-TF001
Entries 792330
TOF MULT
TOF tray

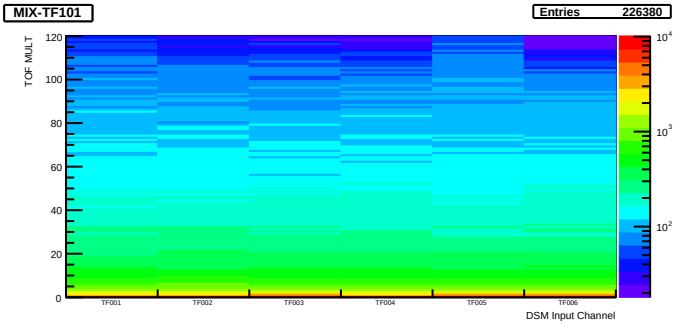

MIX-TF002
Entries 792330
TOF MULT
TOF tray

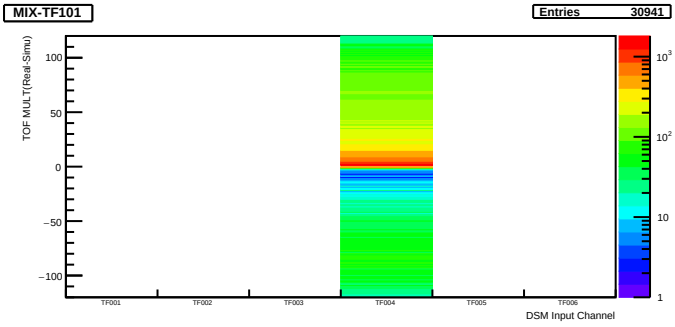

MIX-TF003
Entries 792330
TOF MULT
TOF tray

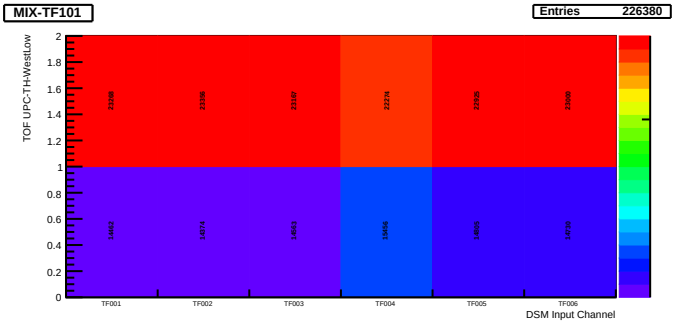

MIX-TF004
Entries 792330
TOF MULT
TOF tray

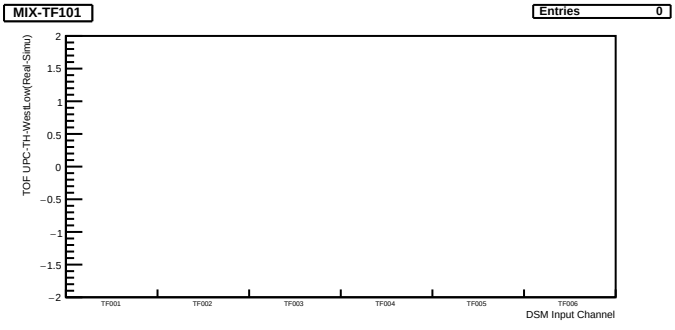

MIX-TF005
Entries 792330
TOF MULT
TOF tray

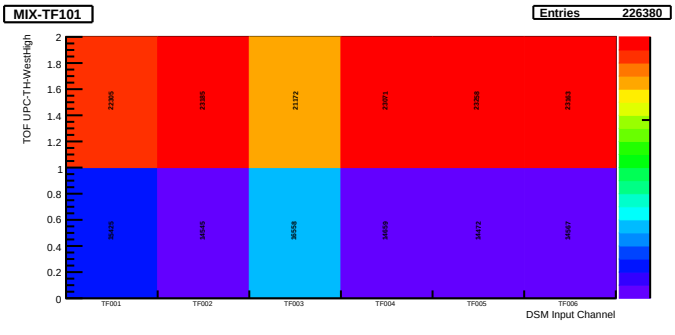

MIX-TF006
Entries 792330
TOF MULT
TOF tray

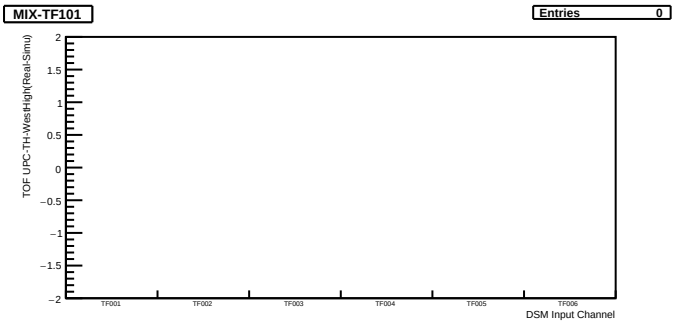

MIX-TF101
Entries 226380
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

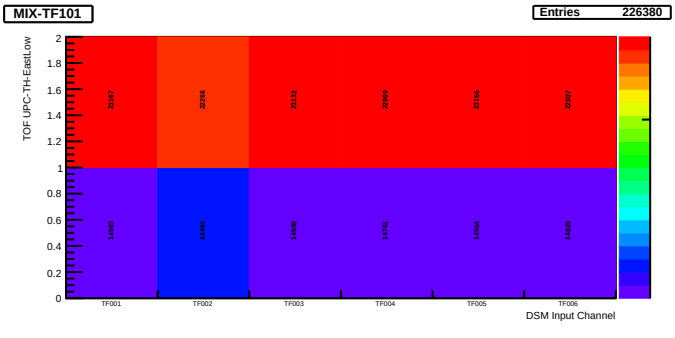

MIX-TF101
Entries 30941
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

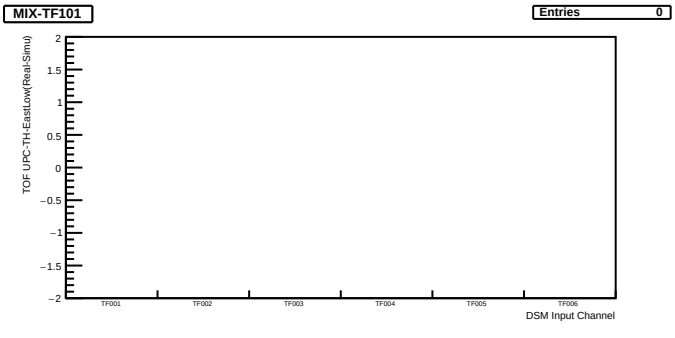

MIX-TF101
Entries 226380
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

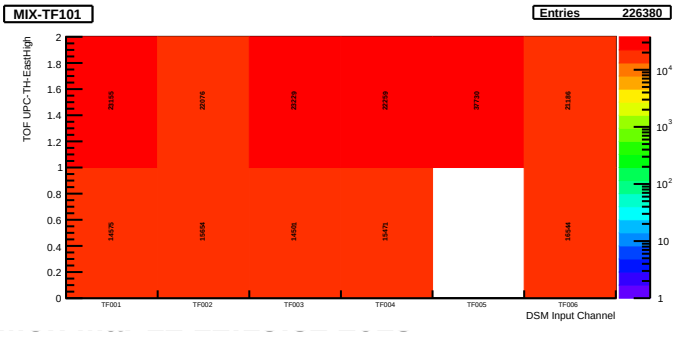

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

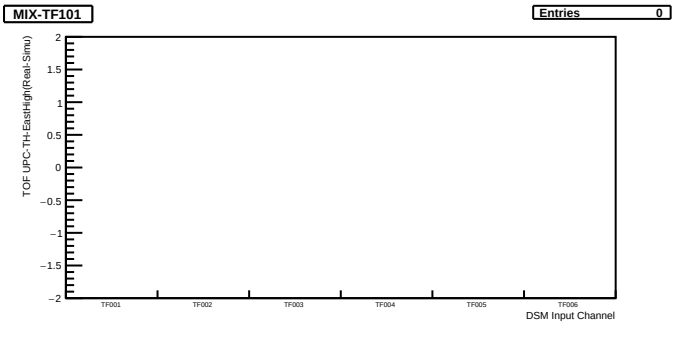

MIX-TF101
Entries 226380
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

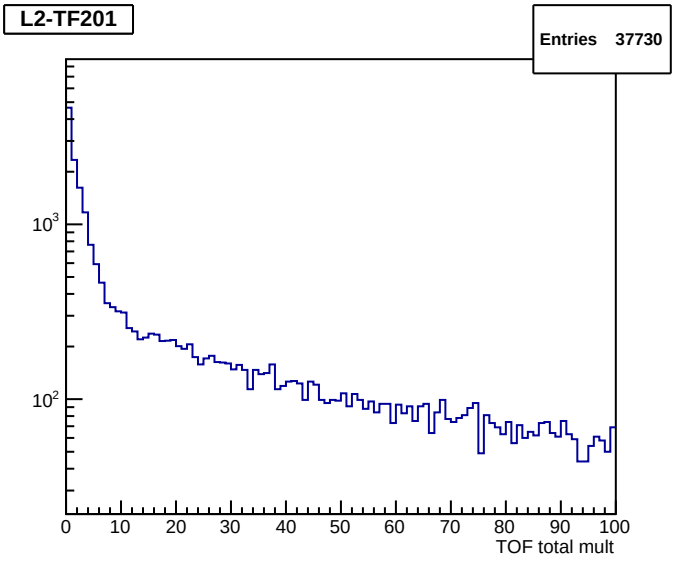

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

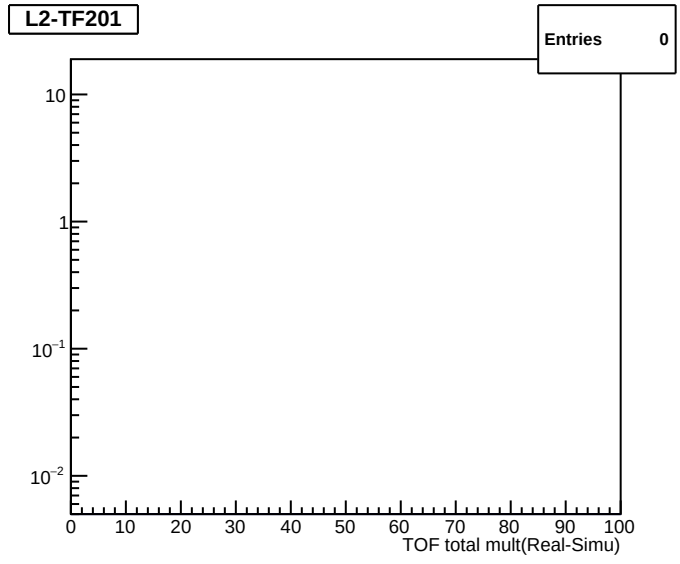

MIX-TF101
Entries 226380
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

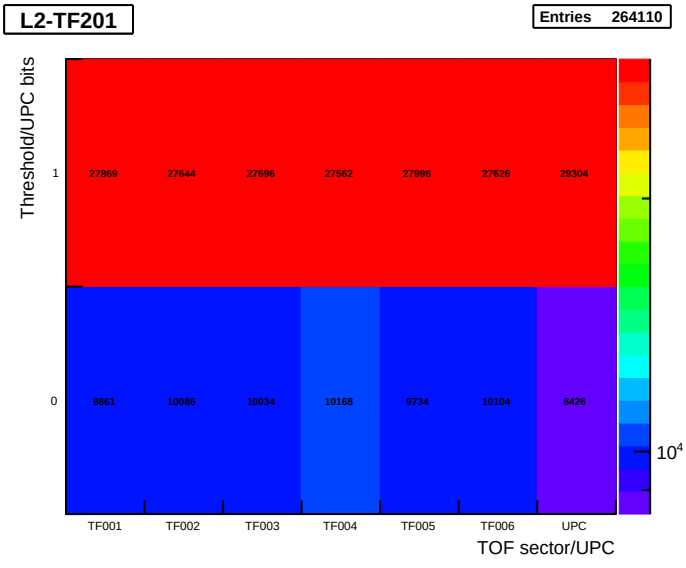

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

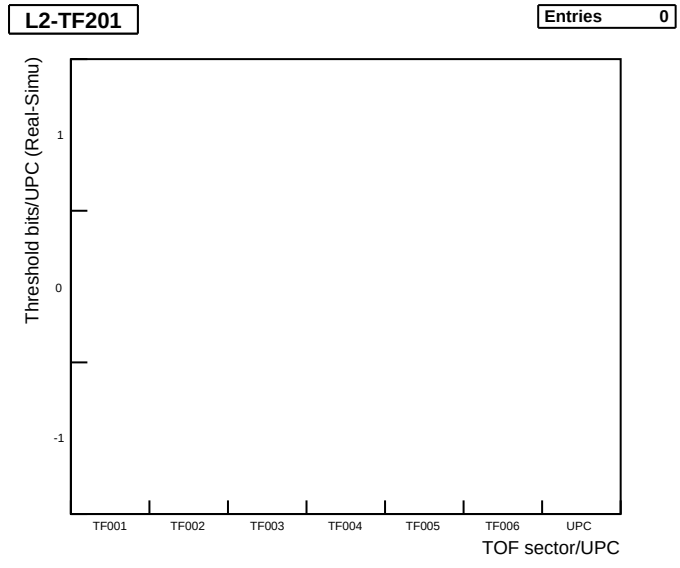

MIX-TF101
Entries 226380
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

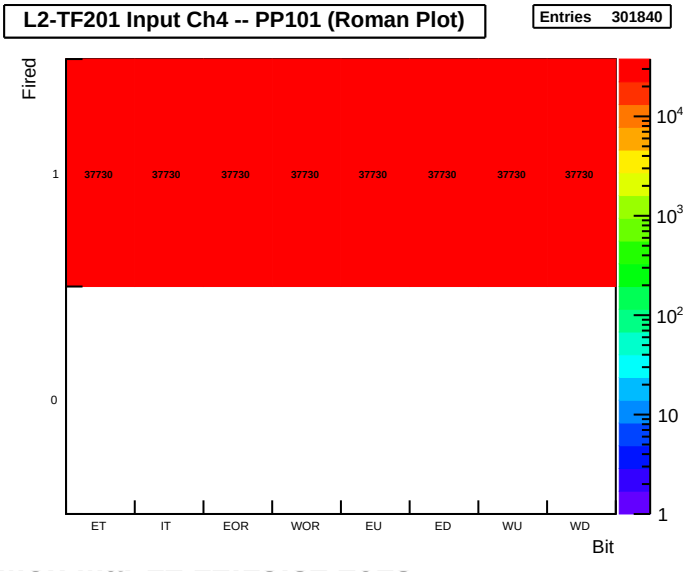

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

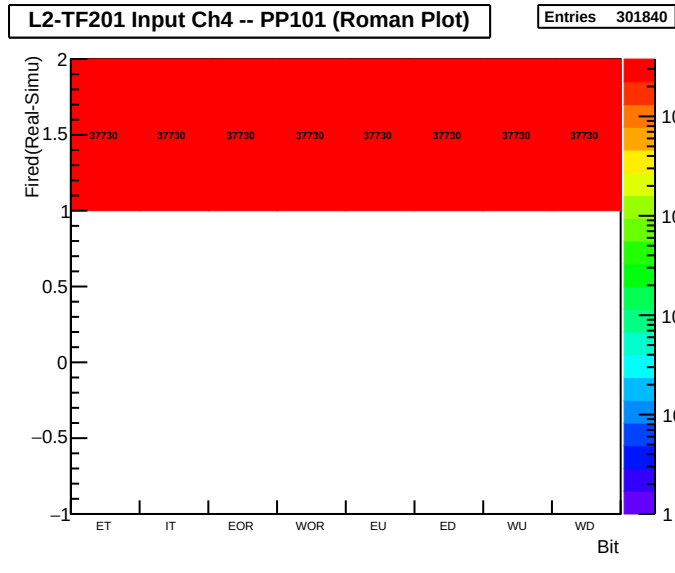

L2-TF201
Entries 37730
TOF total mult

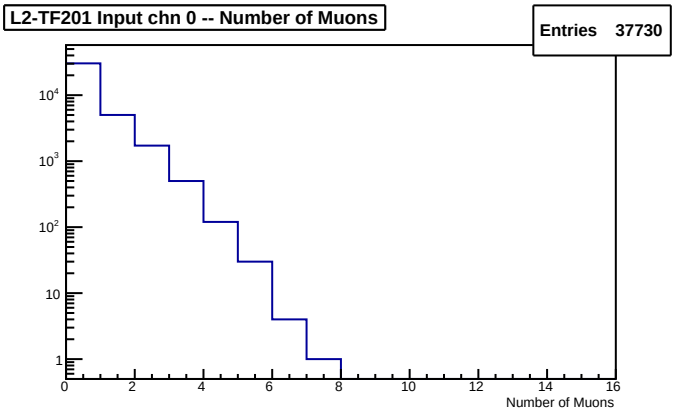

L2-TF201
Entries 0
TOF total mult(Real-Simu)

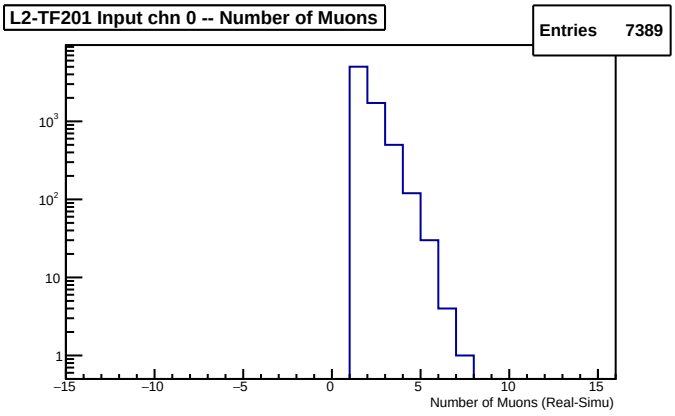

L2-TF201
Entries 264110
Threshold/UPC bits
27869 27644 27696 27562 27996 27626 29304
9861 10086 10034 10168 9734 10104 8426
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

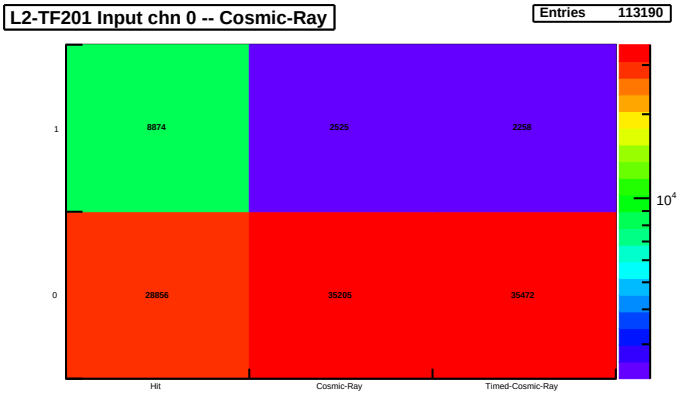

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

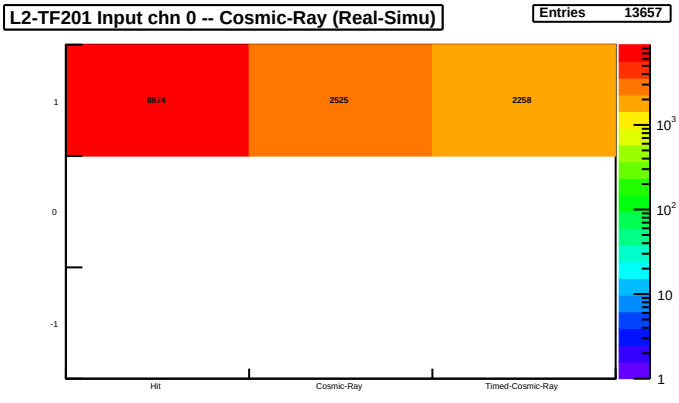

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 301840
Fired
37730 37730 37730 37730 37730 37730 37730 37730
ET IT EOR WOR EU ED WU WD
Bit

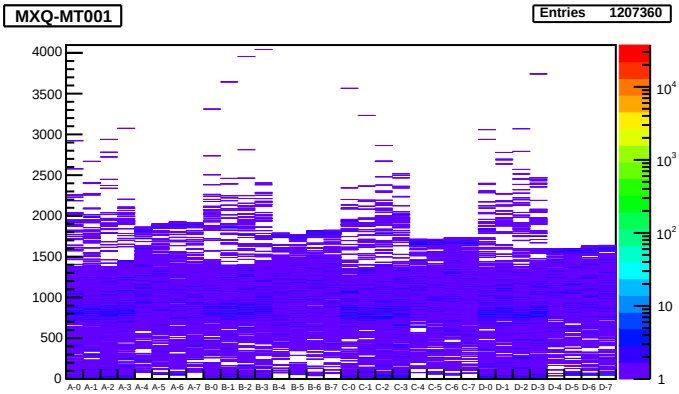

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 301840
Fired(Real-Simu)
37730 37730 37730 37730 37730 37730 37730 37730
ET IT EOR WOR EU ED WU WD
Bit

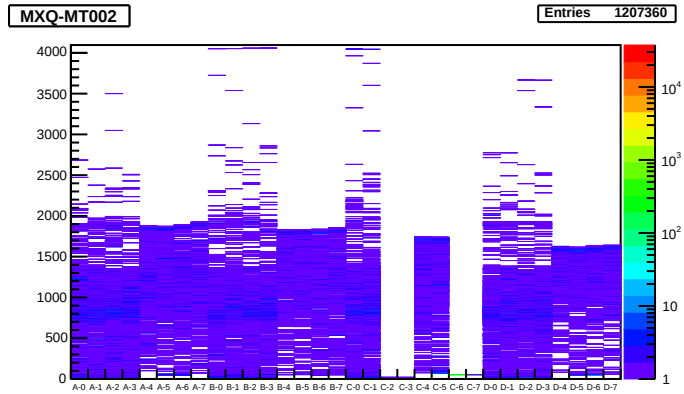

L2-TF201 Input chn 0 -- Number of Muons
Entries 37730
Number of Muons

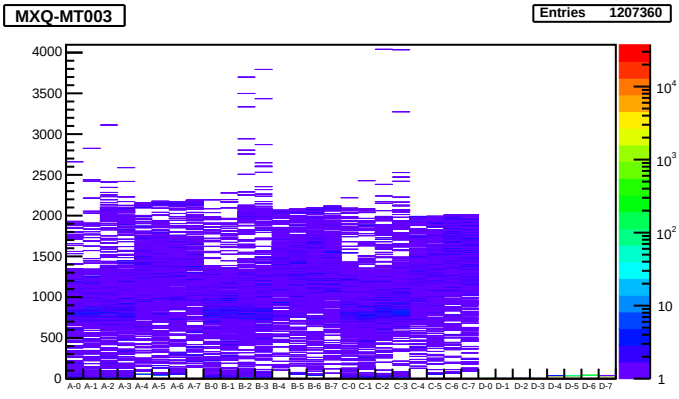

L2-TF201 Input chn 0 -- Number of Muons
Entries 7389
Number of Muons (Real-Simu)

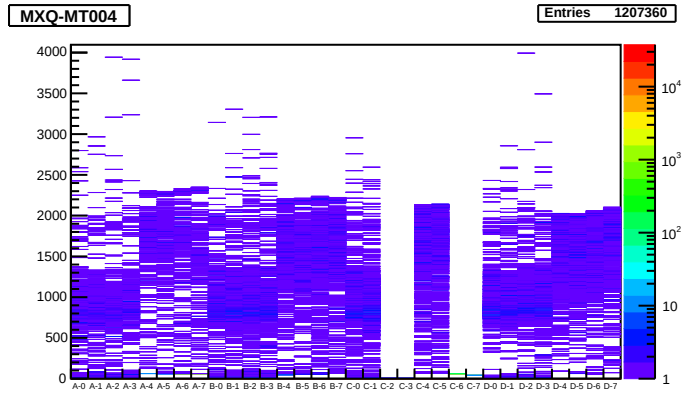

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 113190
8874
2525
2258
28856
35205
35472
Hit
Cosmic-Ray
Timed-Cosmic-Ray

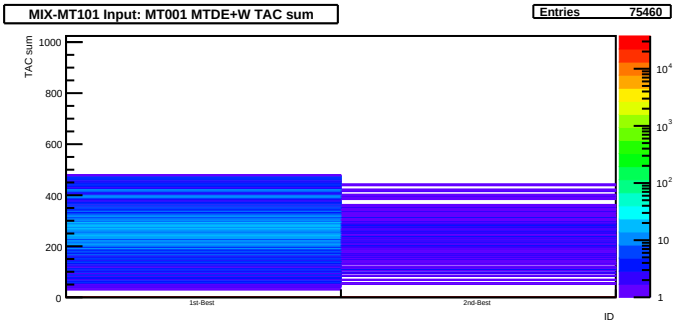

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 13657
8874
2525
2258
Hit
Cosmic-Ray
Timed-Cosmic-Ray

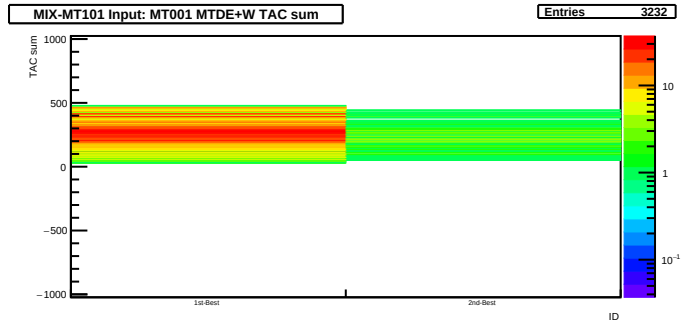

MXQ-MT001
Entries 1207360
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

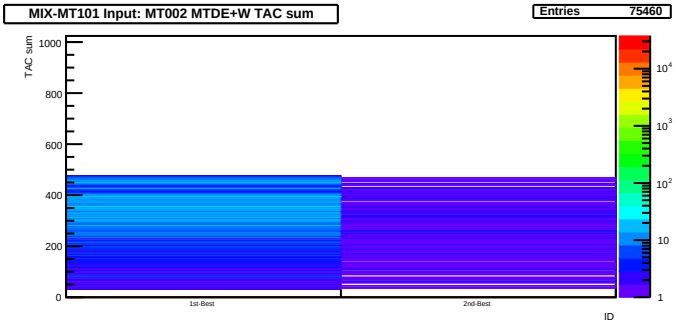

MXQ-MT002
Entries 1207360
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

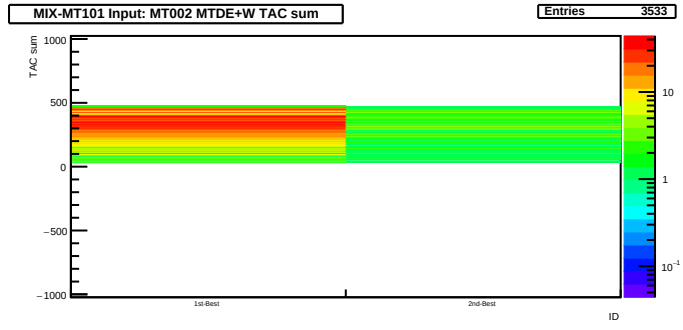

MXQ-MT003
Entries 1207360
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

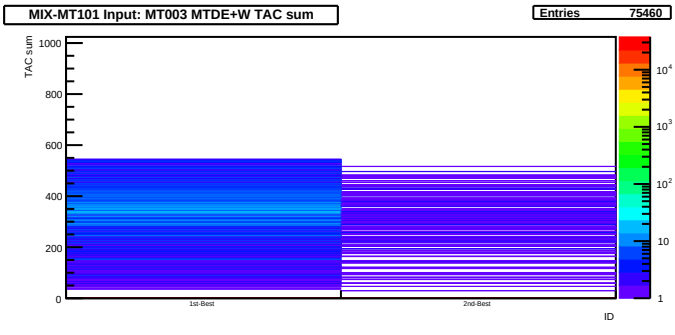

MXQ-MT004
Entries 1207360
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

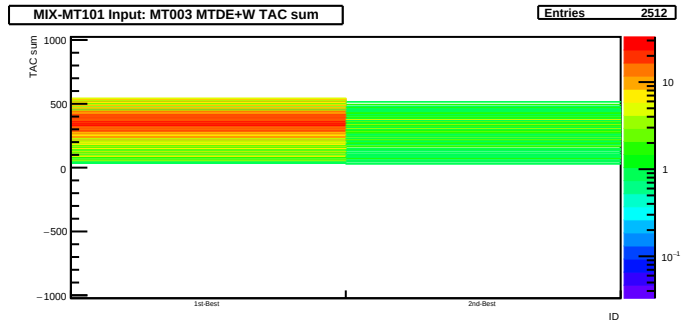

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 75460
TAC sum
1st-Best
2nd-Best
ID

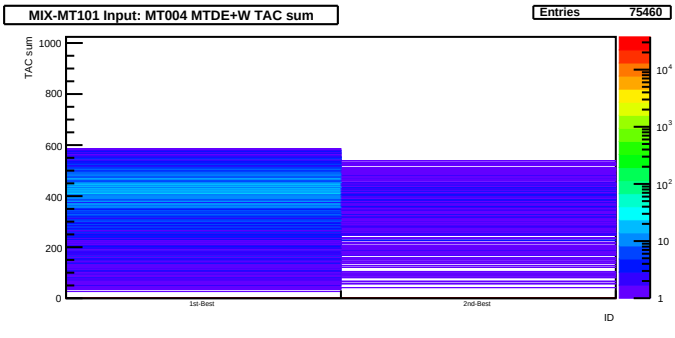

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3232
TAC sum
1st-Best
2nd-Best
ID

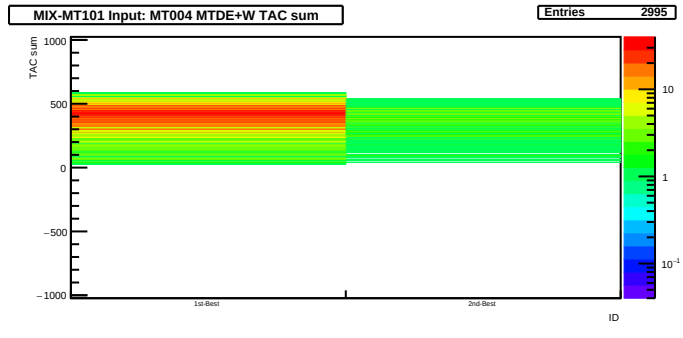

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 75460
TAC sum
1st-Best
2nd-Best
ID

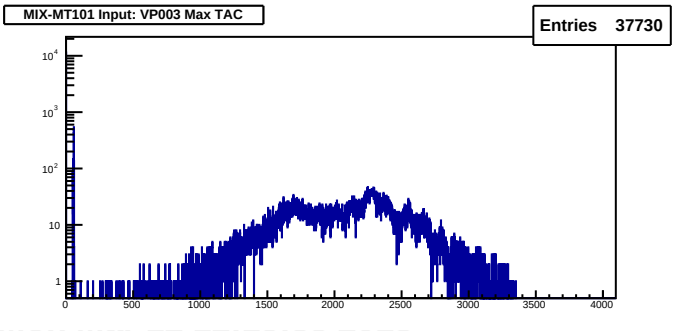

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3533
TAC sum
1st-Best
2nd-Best
ID

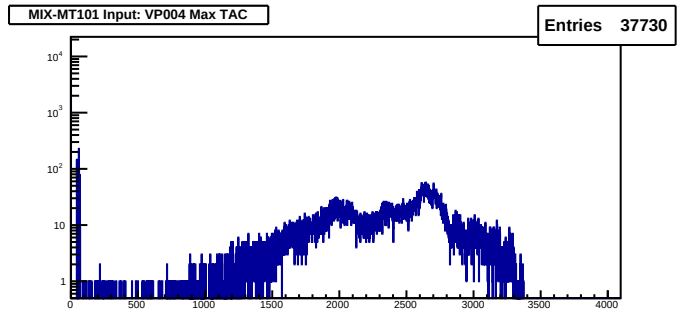

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 75460
TAC sum
1st-Best
2nd-Best
ID

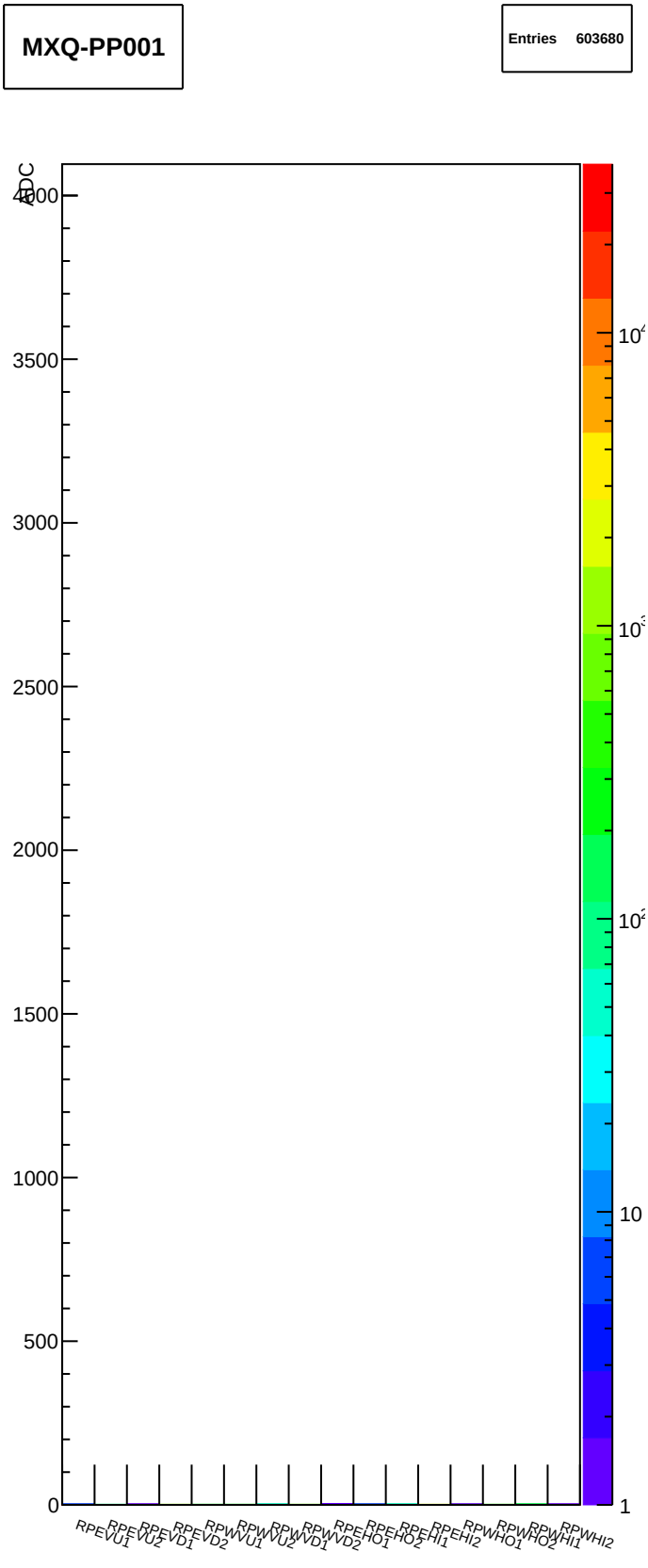

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2512
TAC sum
1st-Best
2nd-Best
ID

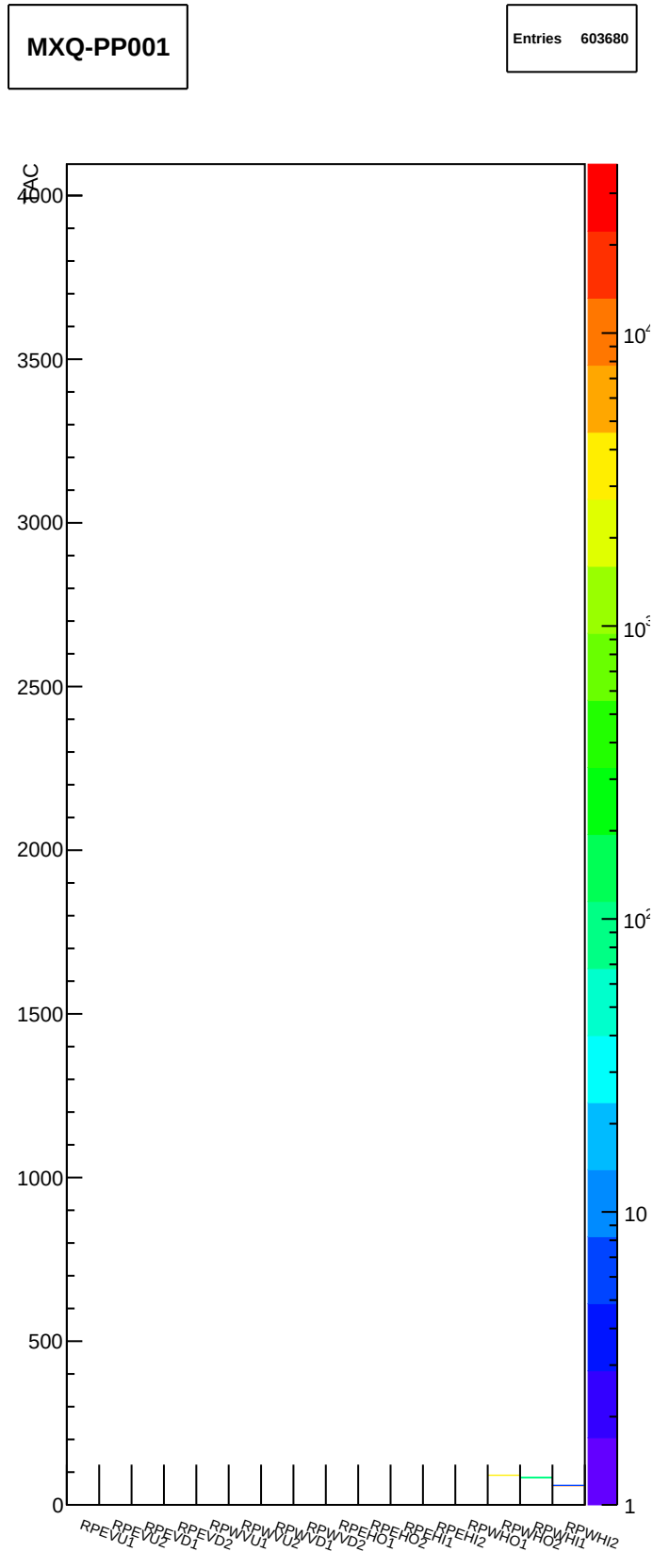

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 75460
TAC sum
1st-Best
2nd-Best
ID

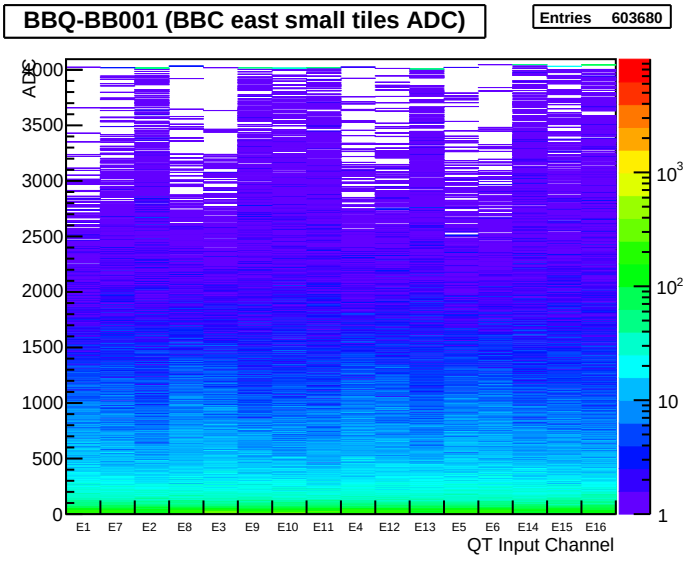

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2995
TAC sum
1st-Best
2nd-Best
ID

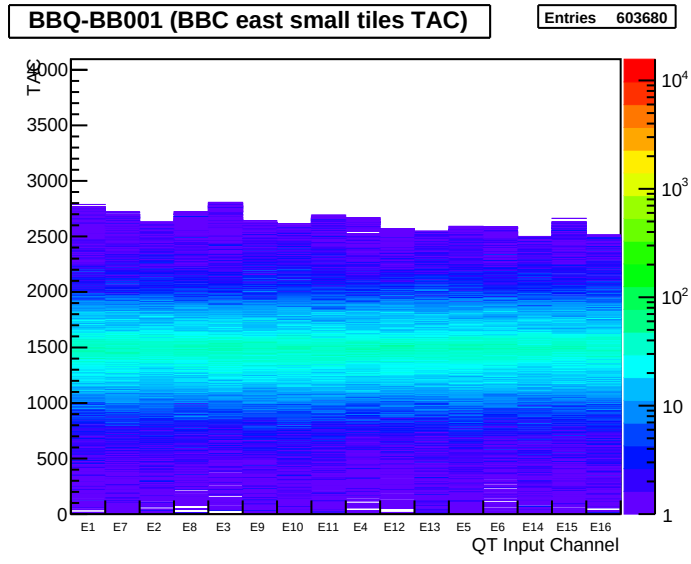

MIX-MT101 Input: VP003 Max TAC
Entries 37730

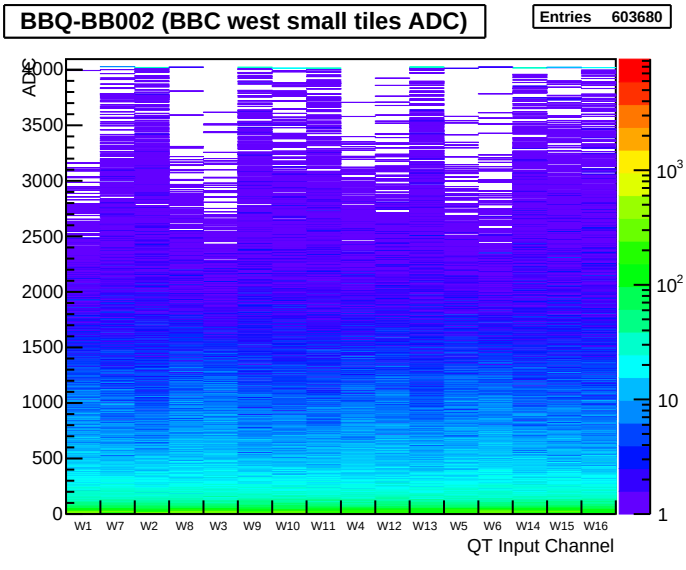

MIX-MT101 Input: VP004 Max TAC
Entries 37730

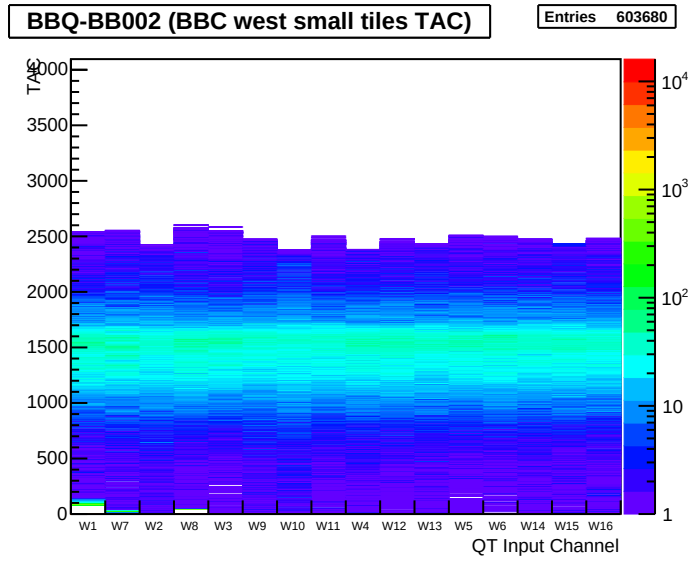

MXQ-PP001
Entries 603680
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

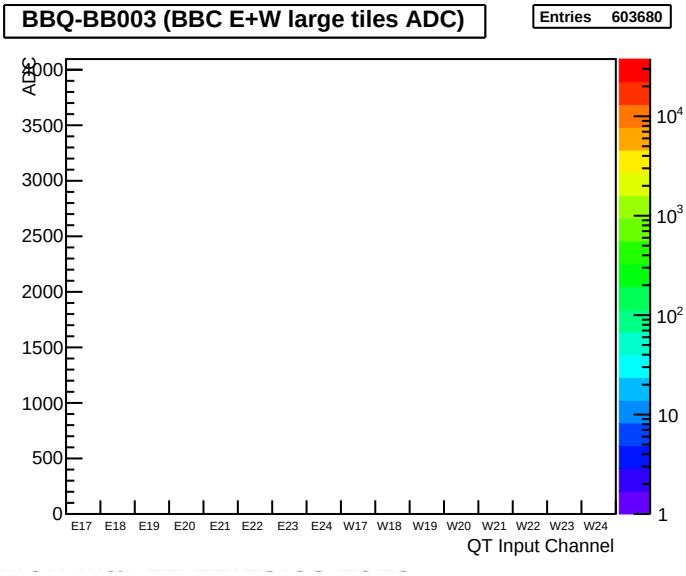

MXQ-PP001
Entries 603680
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

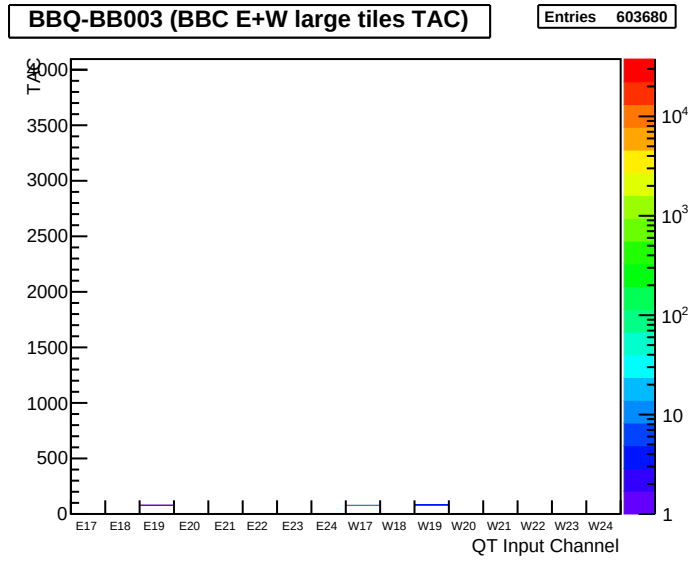

BBQ-BB001 (BBC east small tiles ADC)
Entries 603680
ADC
QT Input Channel

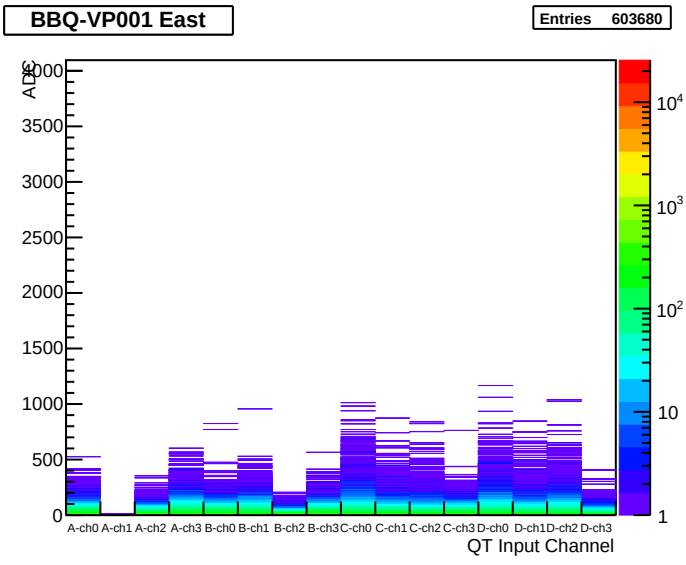

BBQ-BB001 (BBC east small tiles TAC)
Entries 603680
TAC
QT Input Channel

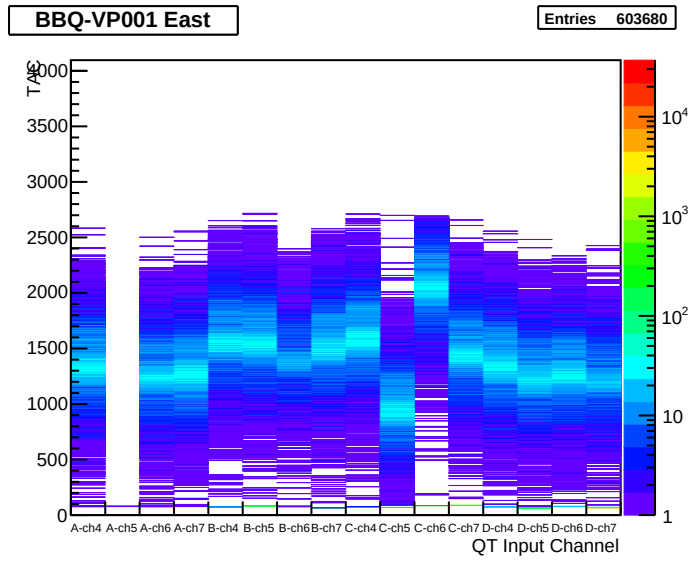

BBQ-BB002 (BBC west small tiles ADC)
Entries 603680
ADC
QT Input Channel

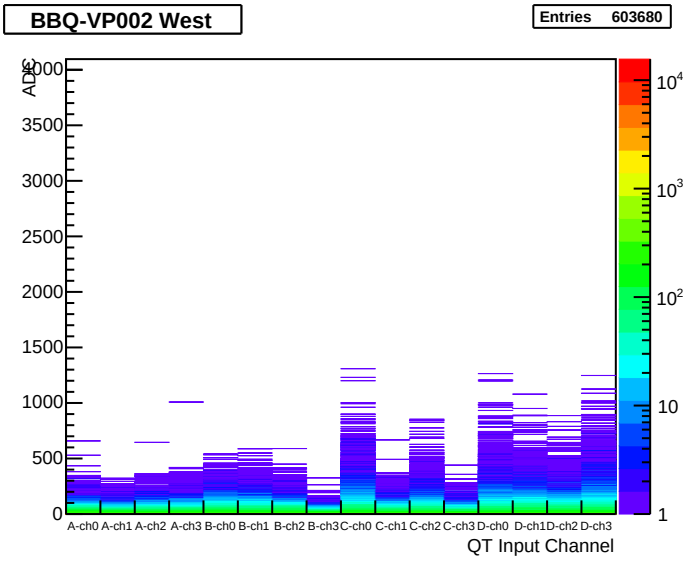

BBQ-BB002 (BBC west small tiles TAC)
Entries 603680
TAC
QT Input Channel

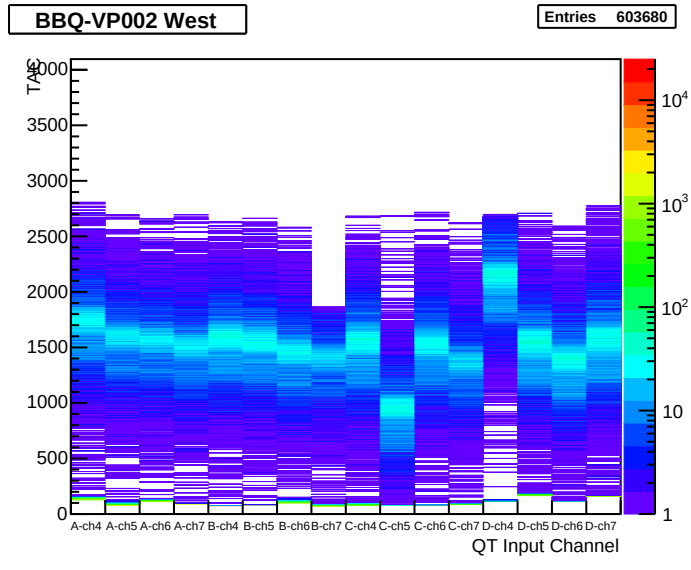

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 603680
ADC
QT Input Channel

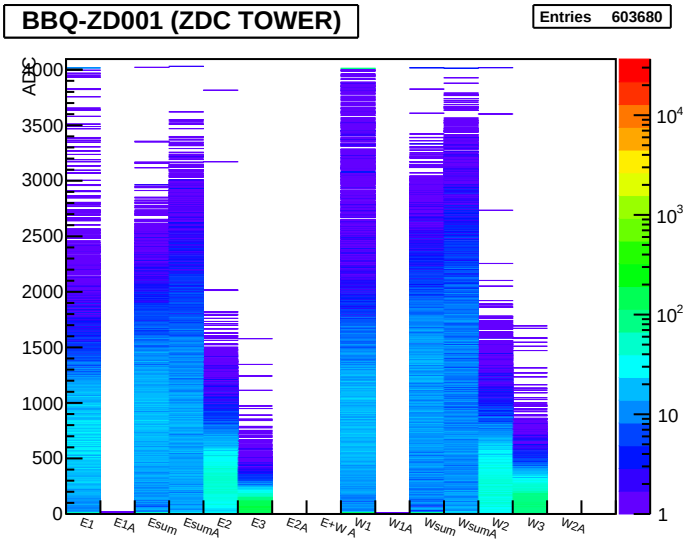

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 603680
TAC
QT Input Channel

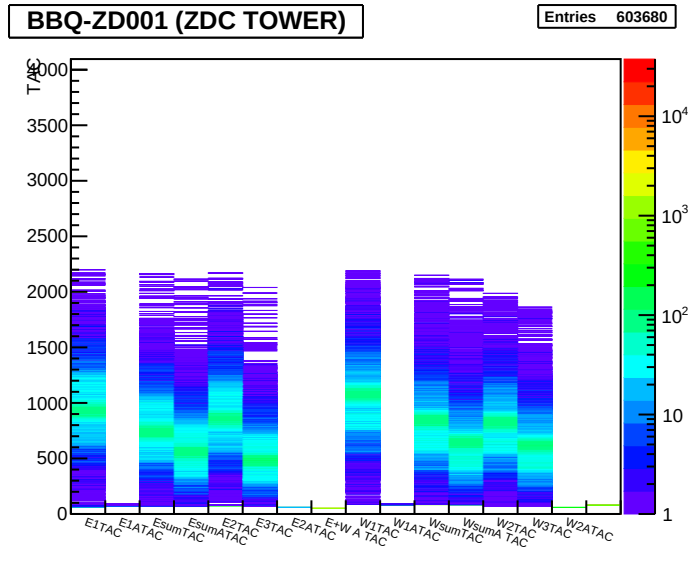

BBQ-VP001 East
Entries 603680
ADC
QT Input Channel

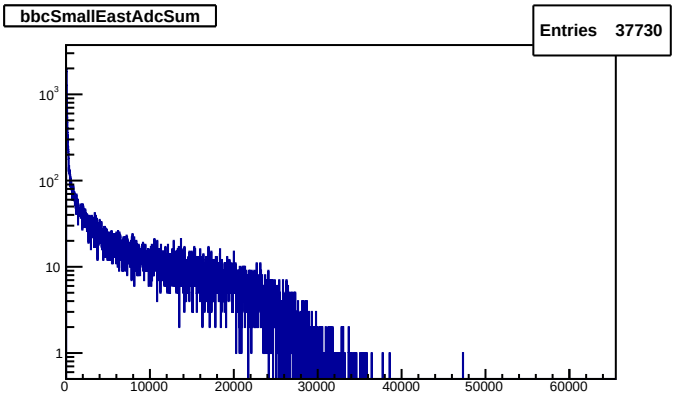

BBQ-VP001 East
Entries 603680
TAC
QT Input Channel

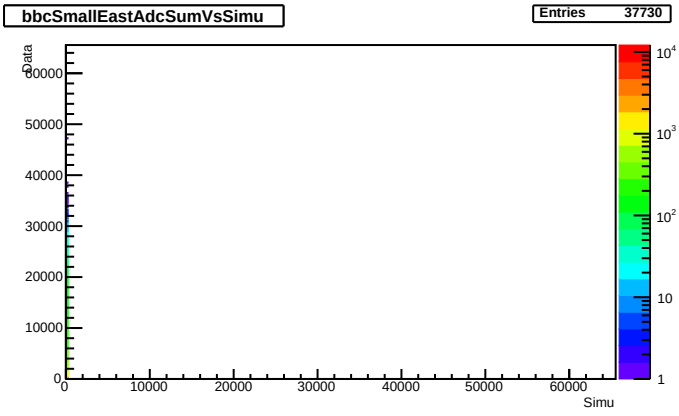

BBQ-VP002 West
Entries 603680
ADC
QT Input Channel

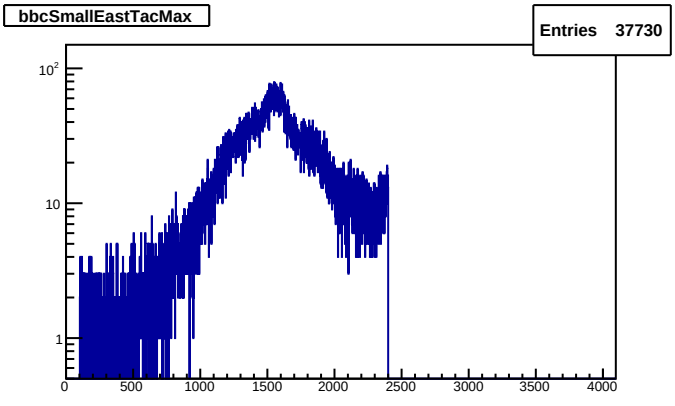

BBQ-VP002 West
Entries 603680
TAC
QT Input Channel

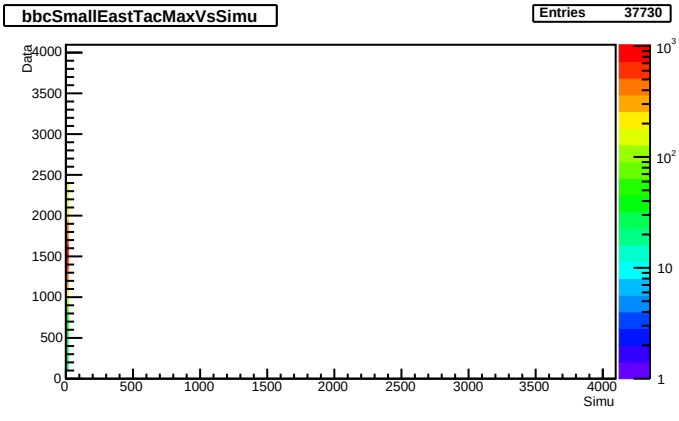

BBQ-ZD001 (ZDC TOWER)
Entries 603680
ADC

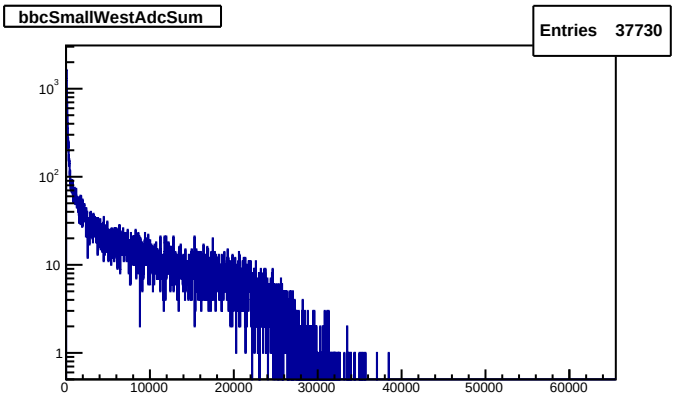

BBQ-ZD001 (ZDC TOWER)
Entries 603680
TAC

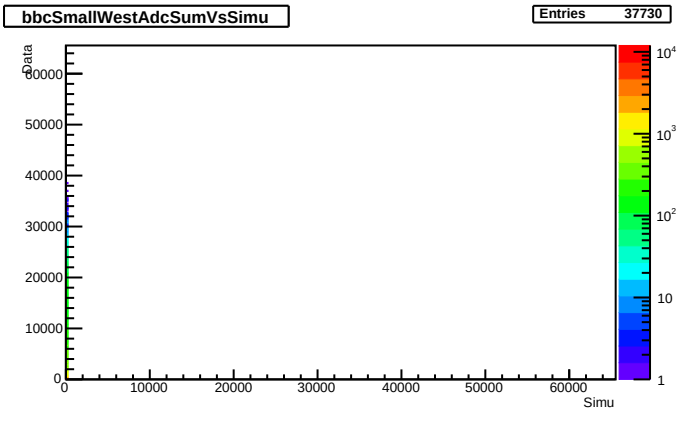

bbcSmallEastAdcSum
Entries 37730

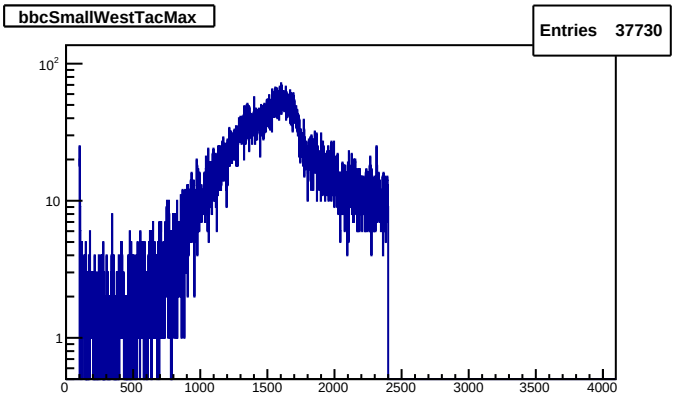

bbcSmallEastAdcSumVsSimu
Entries 37730
Data
Simu

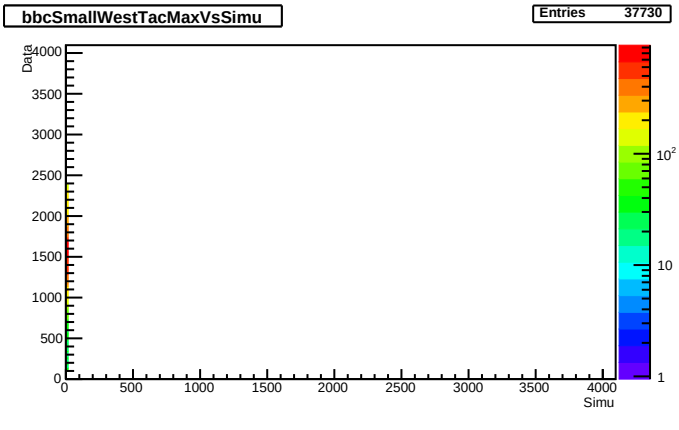

bbcSmallEastTacMax
Entries 37730

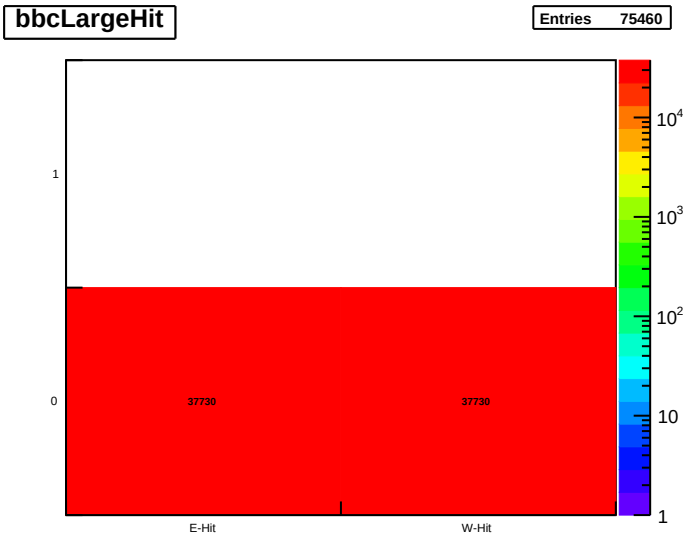

bbcSmallEastTacMaxVsSimu
Entries 37730
Data
Simu

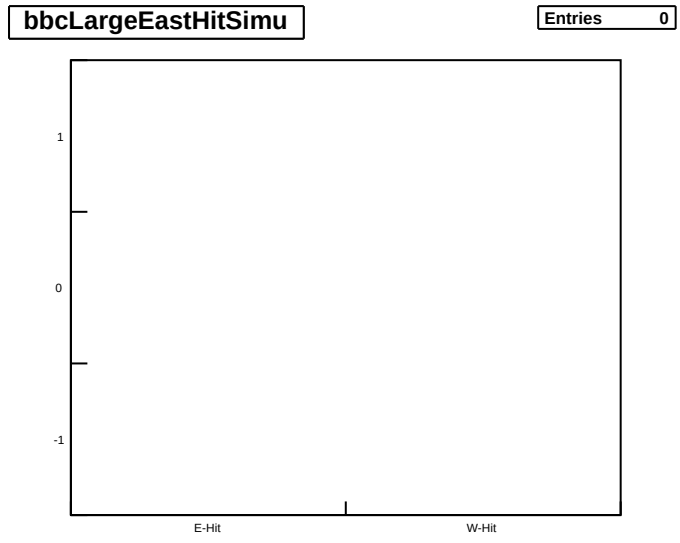

bbcSmallWestAdcSum
Entries 37730

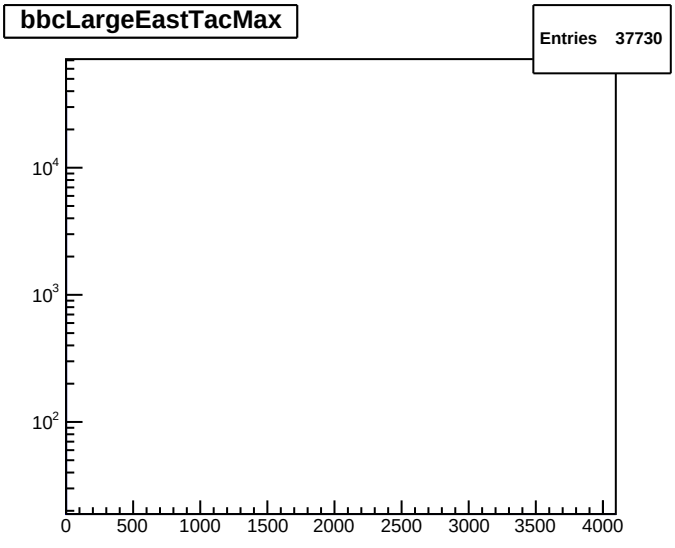

bbcSmallWestAdcSumVsSimu
Entries 37730
Data
Simu

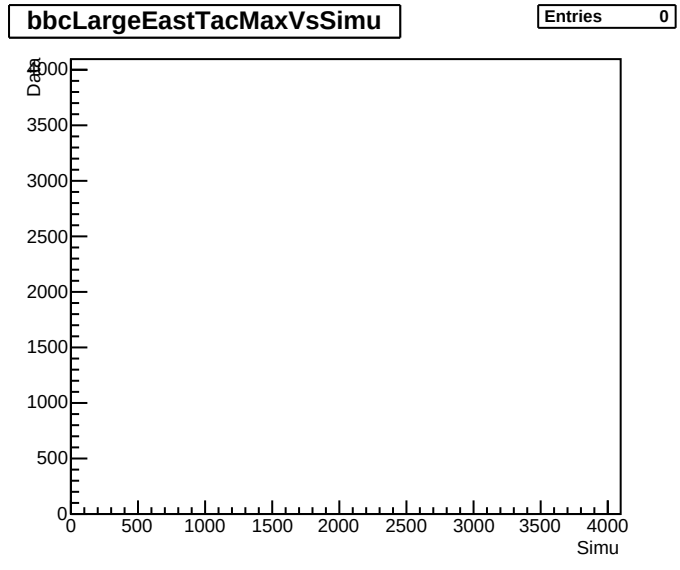

bbcSmallWestTacMax
Entries 37730

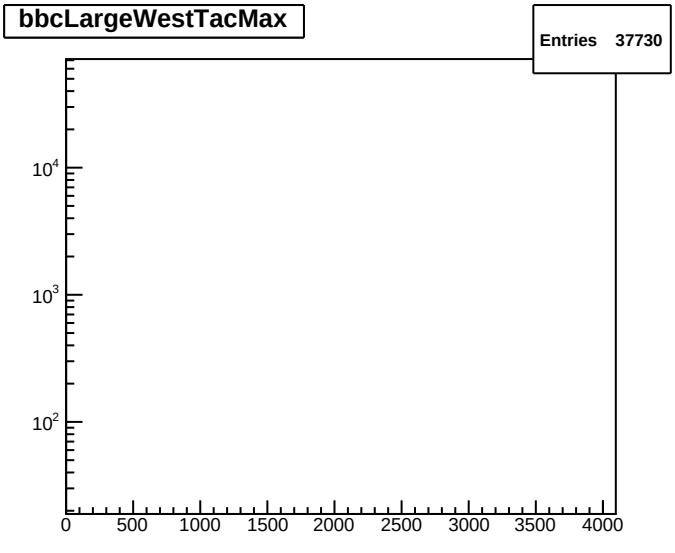

bbcSmallWestTacMaxVsSimu
Entries 37730
Data
Simu

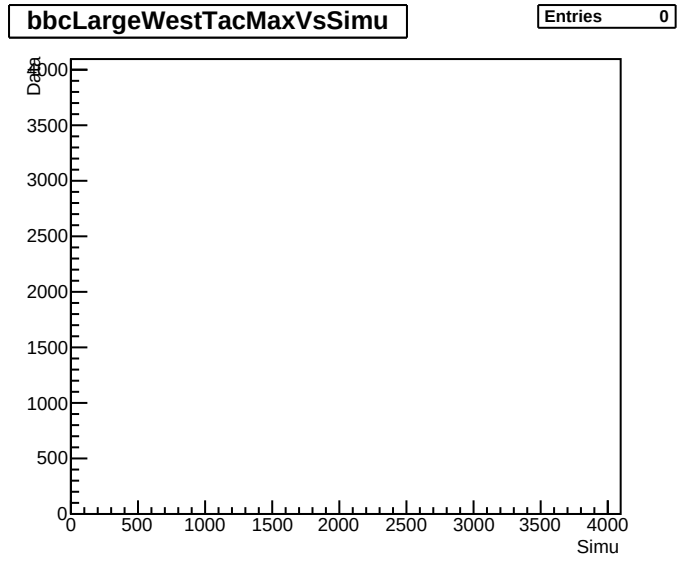

bbcLargeHit
Entries 75460
37730
37730
E-Hit
W-Hit

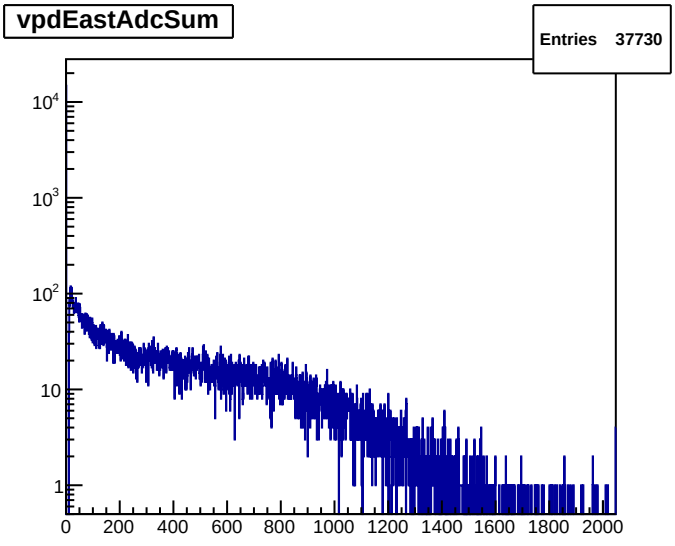

bbcLargeEastHitSimu
Entries 0
E-Hit
W-Hit

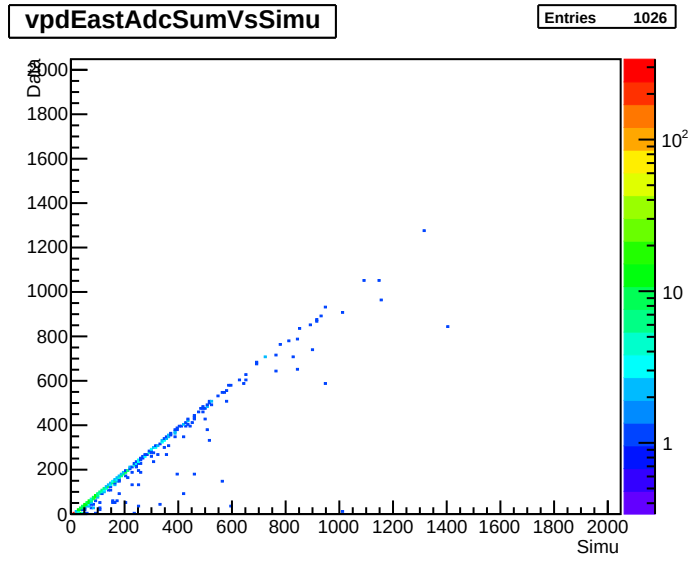

bbcLargeEastTacMax
Entries 37730

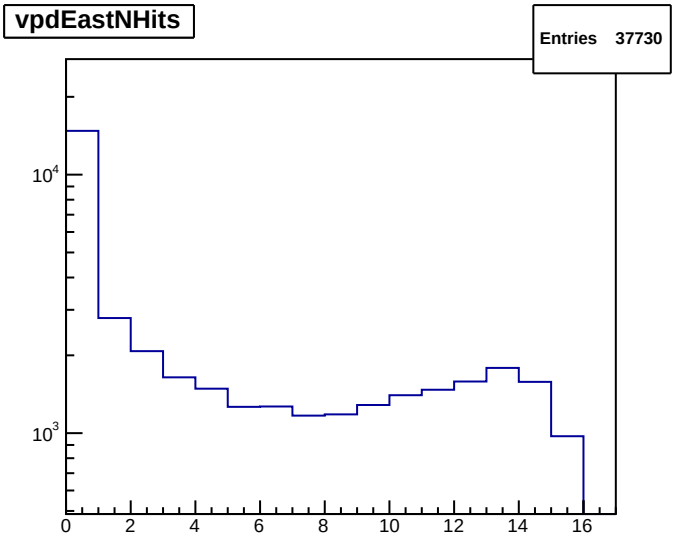

bbcLargeEastTacMaxVsSimu
Entries 0
Data
Simu

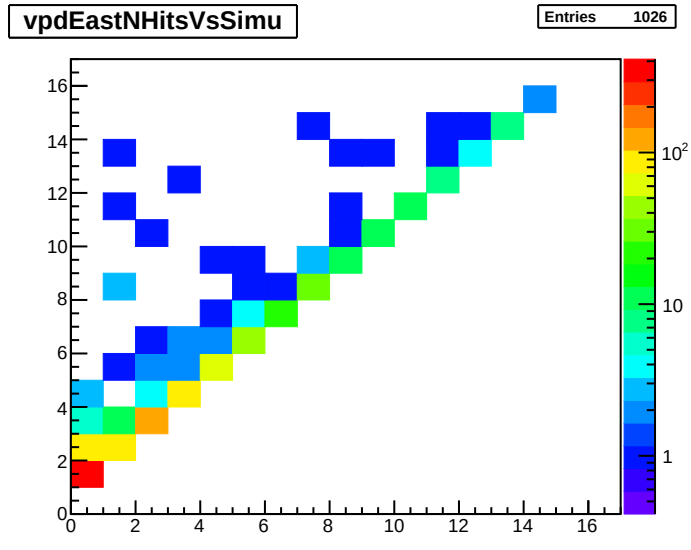

bbcLargeWestTacMax
Entries 37730

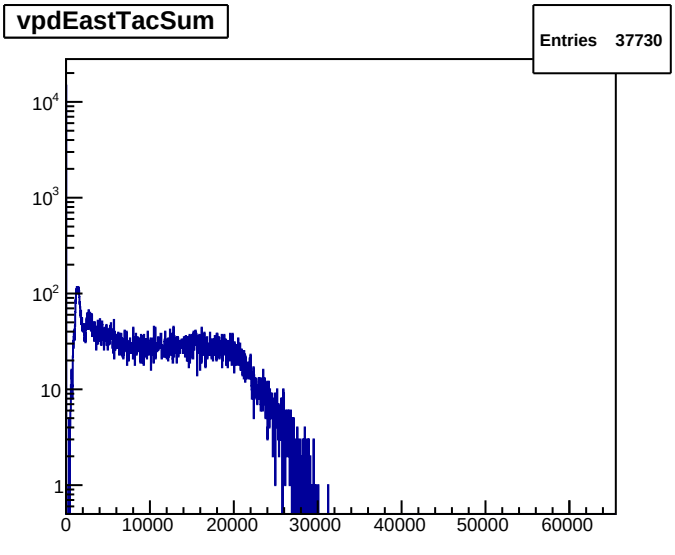

bbcLargeWestTacMaxVsSimu
Entries 0
Data
Simu

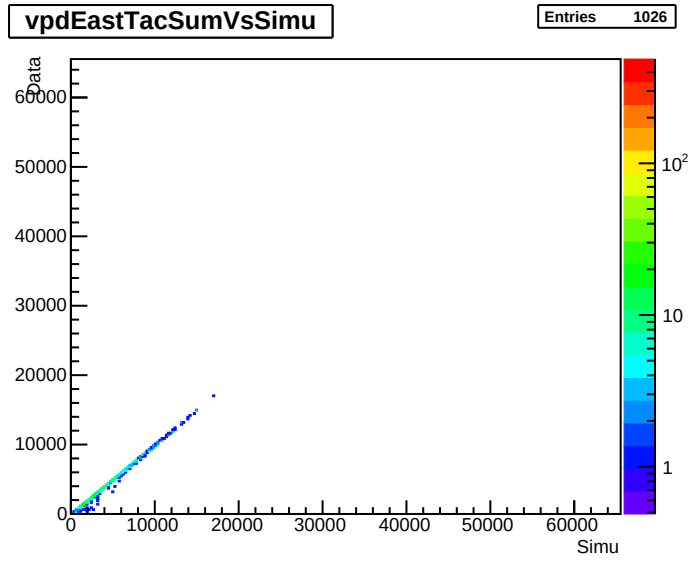

vpdEastAdcSum
Entries 37730

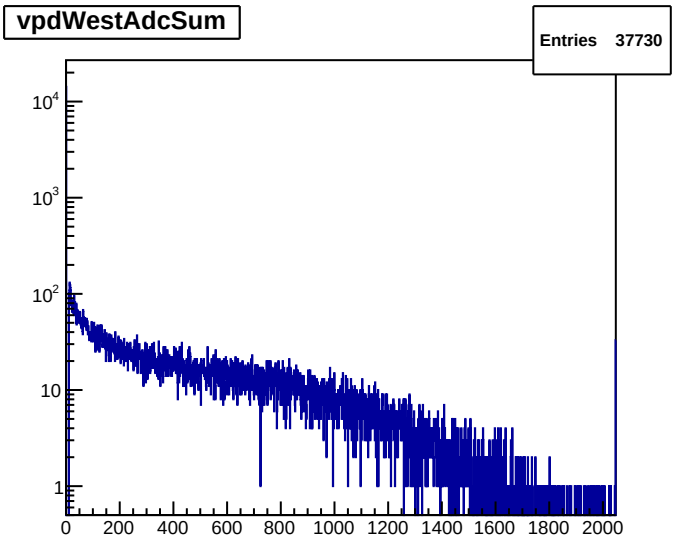

vpdEastAdcSumVsSimu
Entries 1026
Data
Simu

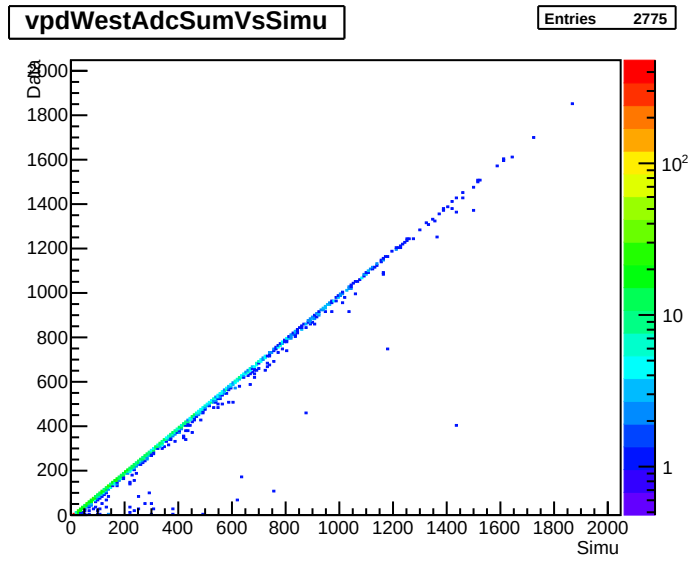

vpdEastNHits
Entries 37730

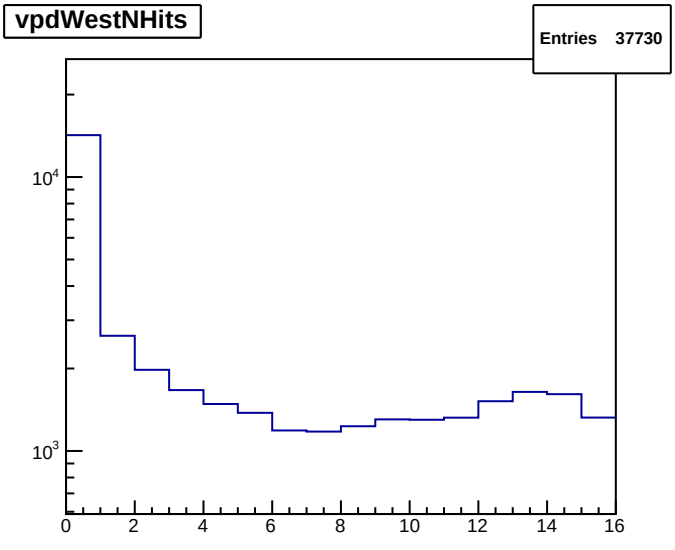

vpdEastNHitsVsSimu
Entries 1026

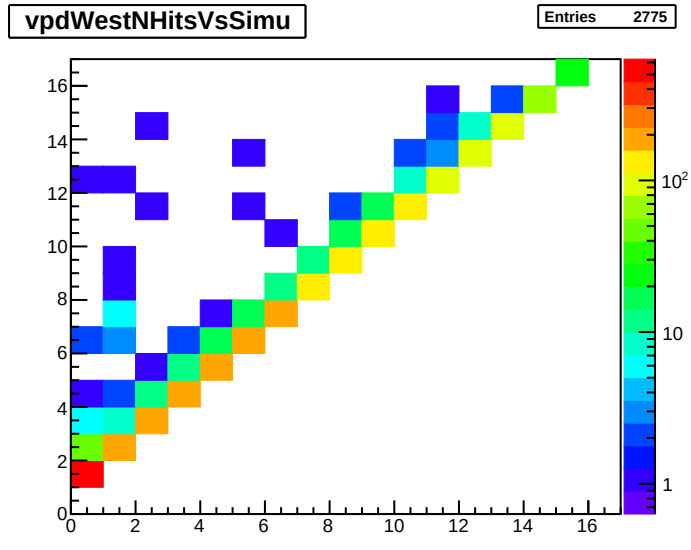

vpdEastTacSum
Entries 37730

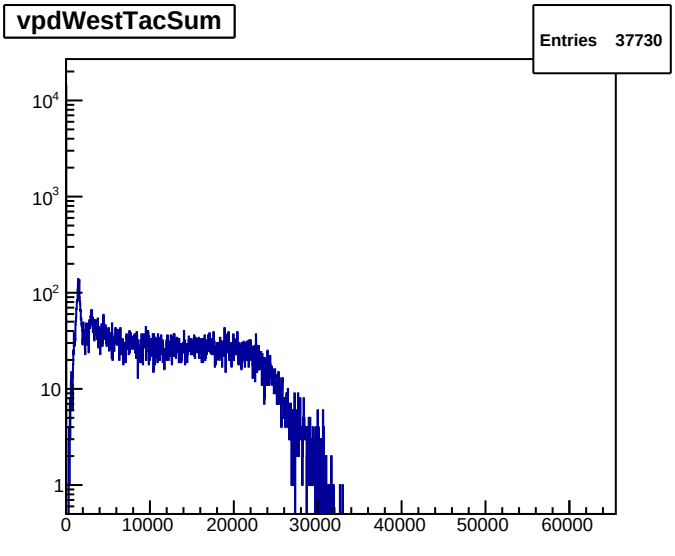

vpdEastTacSumVsSimu
Entries 1026
Data
Simu

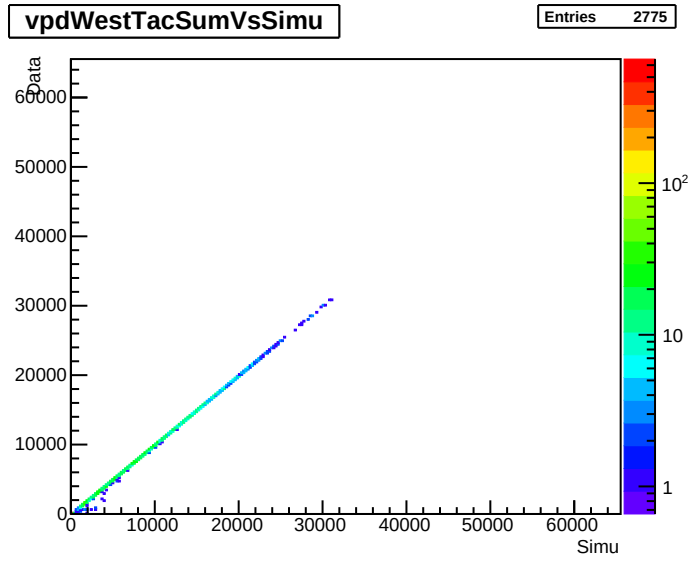

vpdWestAdcSum
Entries 37730

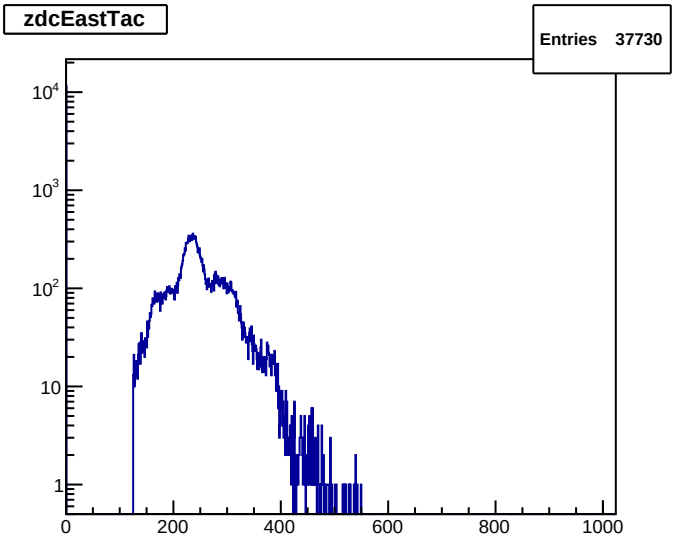

vpdWestAdcSumVsSimu
Entries 2775
Data
Simu

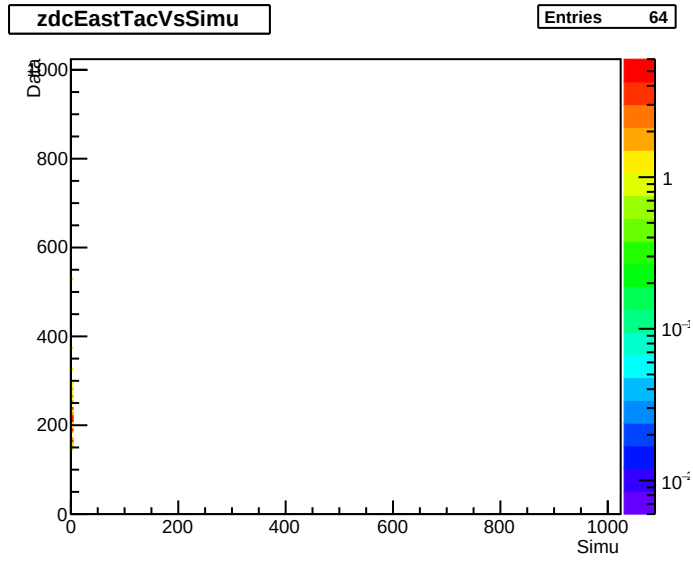

vpdWestNHits
Entries 37730

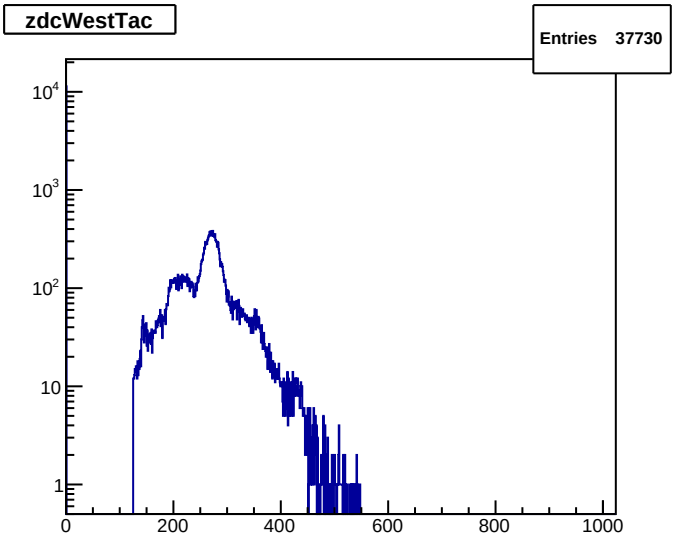

vpdWestNHitsVsSimu
Entries 2775

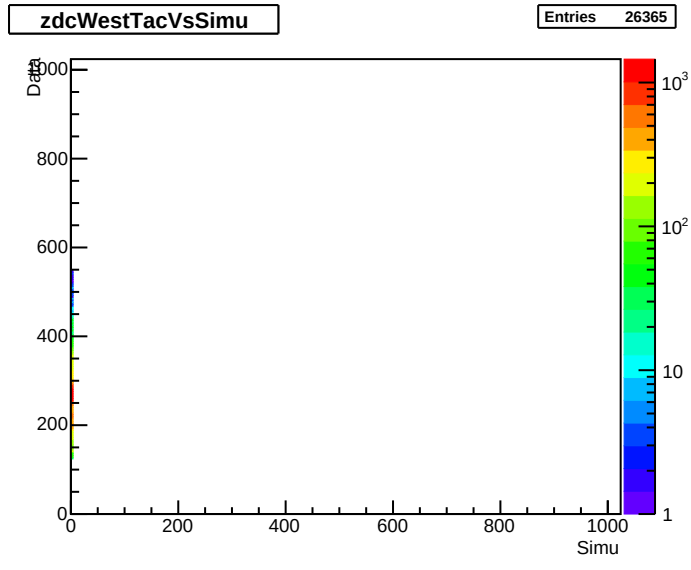

vpdWestTacSum
Entries 37730

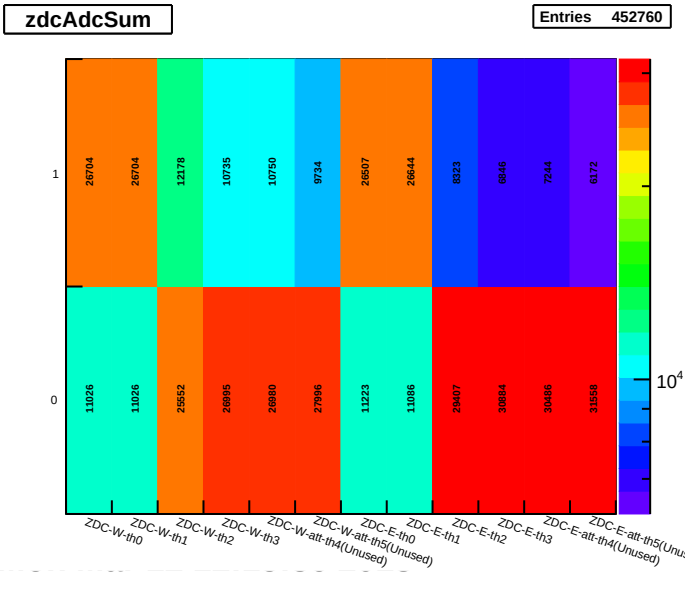

vpdWestTacSumVsSimu
Entries 2775
Data
Simu

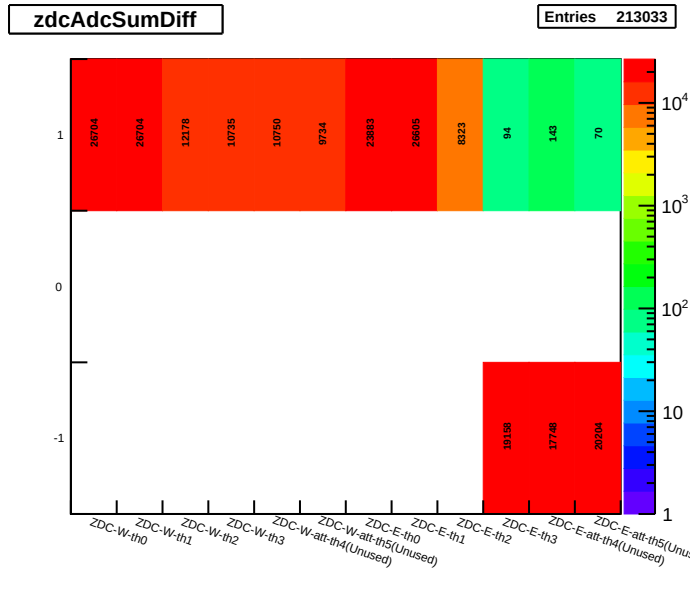

zdcEastTac
Entries 37730

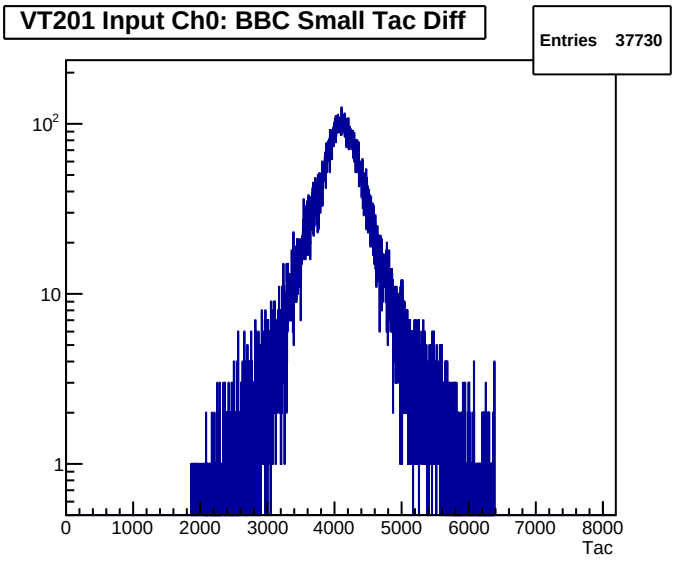

zdcEastTacVsSimu
Entries 64
Data
Simu

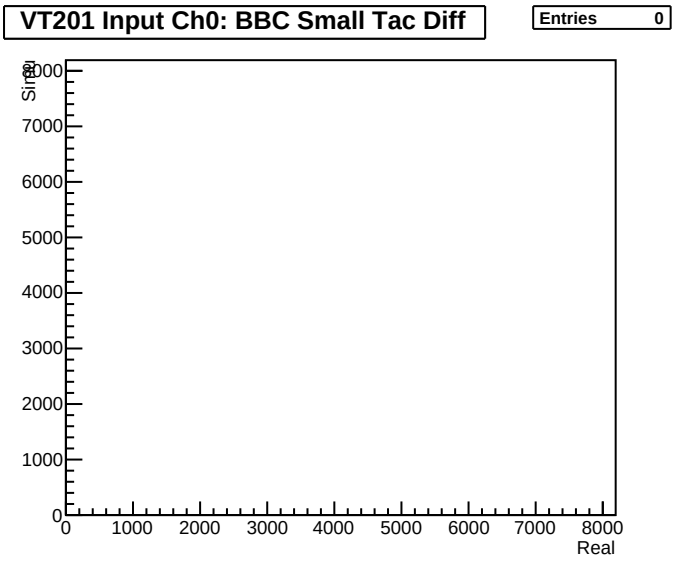

zdcWestTac
Entries 37730

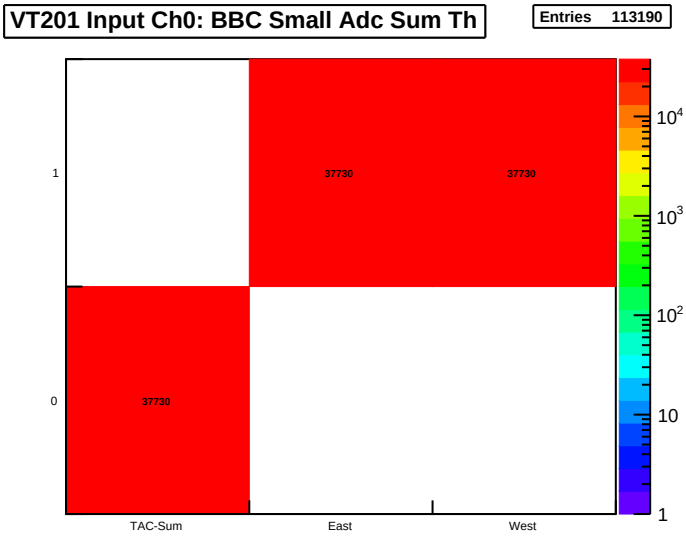

zdcWestTacVsSimu
Entries 26365
Data
Simu

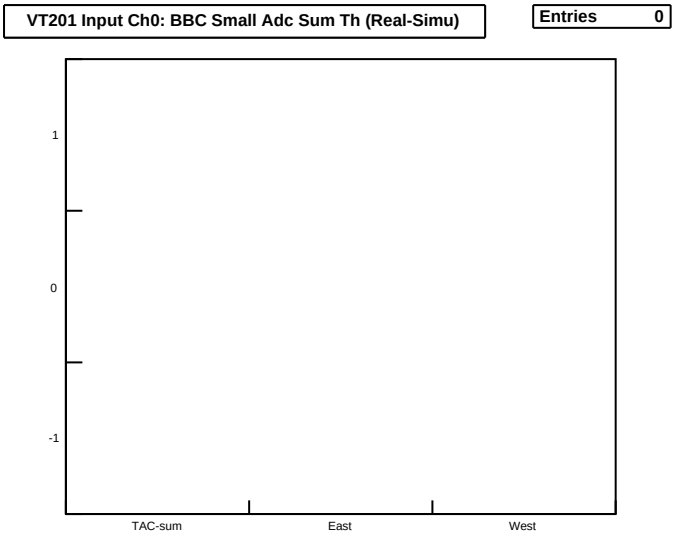

zdcAdcSum
Entries 452760
26704 26704 12178 10735 10750 9734 26507 26644 8323 6846 7244 6172
11026 11026 25552 26995 26980 27906 11223 11086 29407 30884 30486 31558
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

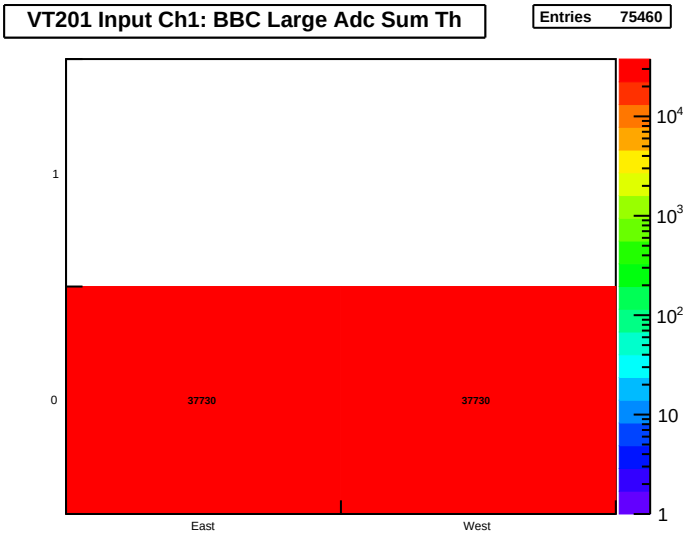

zdcAdcSumDiff
Entries 213033
26704 26704 12178 10735 10750 9734 23883 26605 8323 94 143 70
19158 17748 20204
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

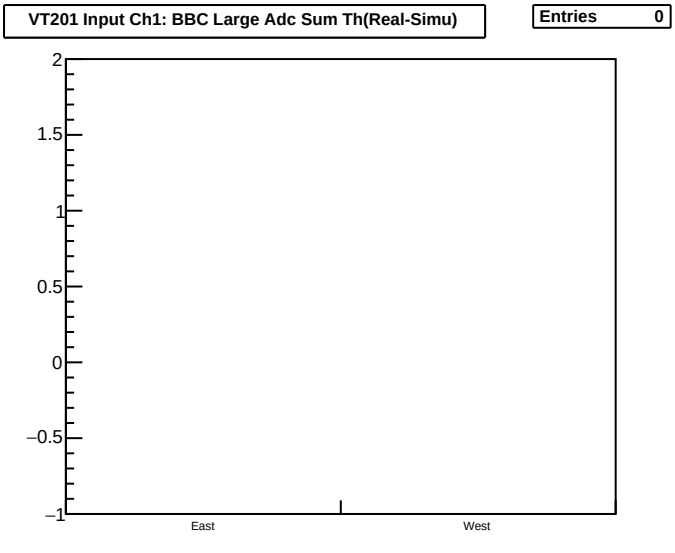

VT201 Input Ch0: BBC Small Tac Diff
Entries 37730
Tac


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

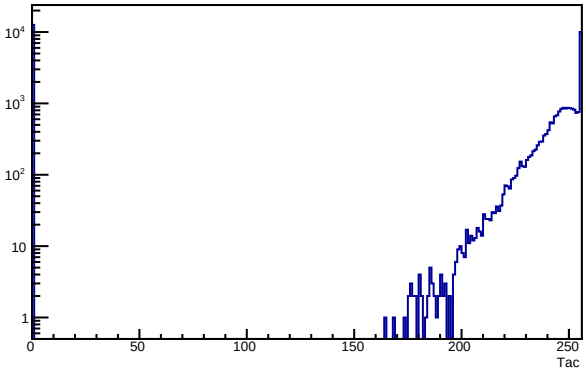

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 113190
37730
TAC-Sum
East
West


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

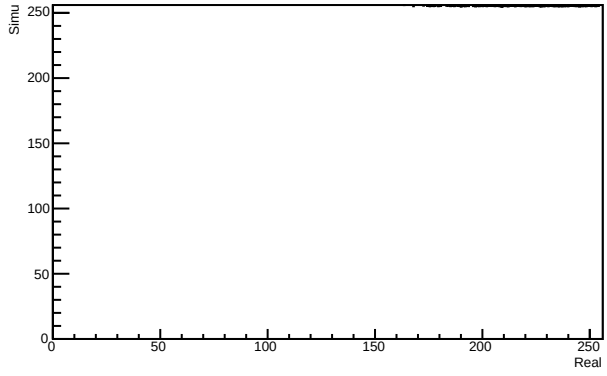

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 75460
37730
East
West


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

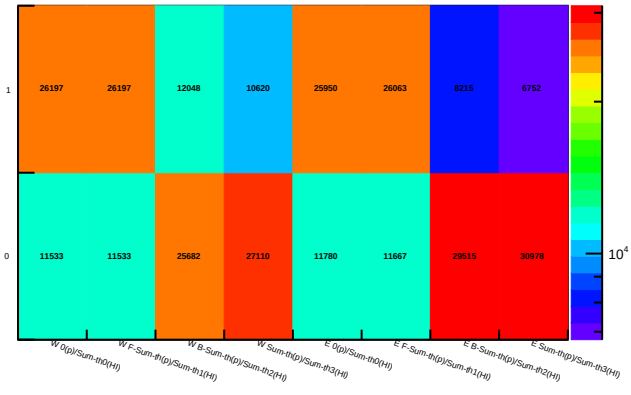
VT201 Input Ch2: ZDC Tac Diff



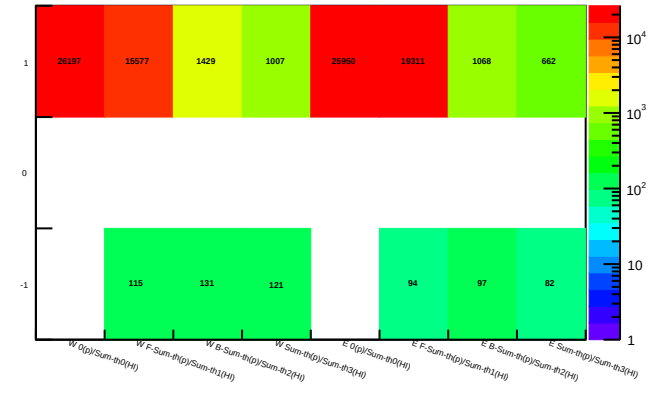
VT201 Input Ch2: ZDC Tac Diff



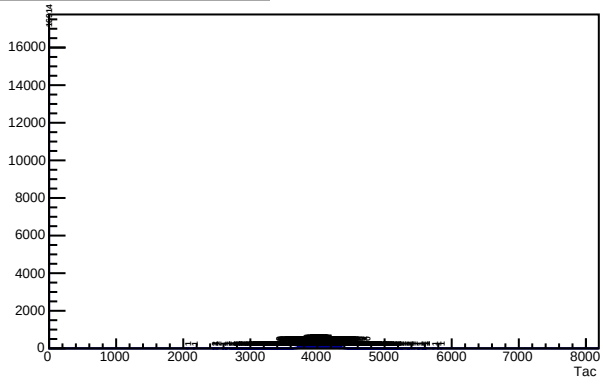
VT201 Input Ch2: ZDC Adc Sum Th



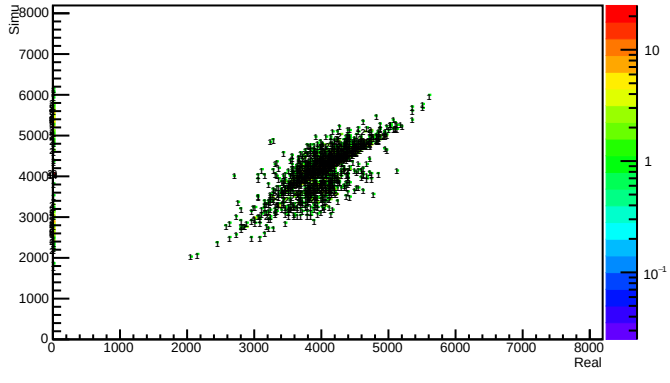
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



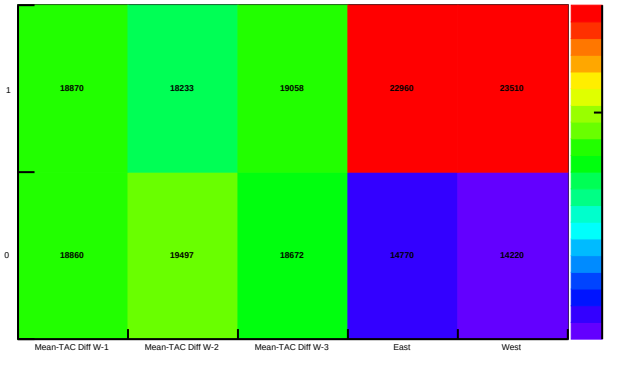
VT201 Input Ch4: VPD Tac Diff



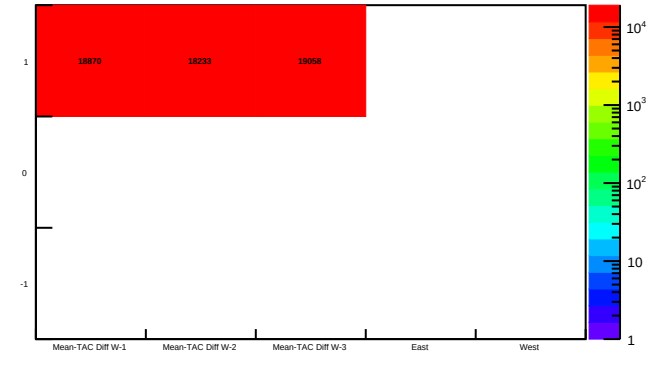
VT201 Input Ch4: VPD Tac Diff

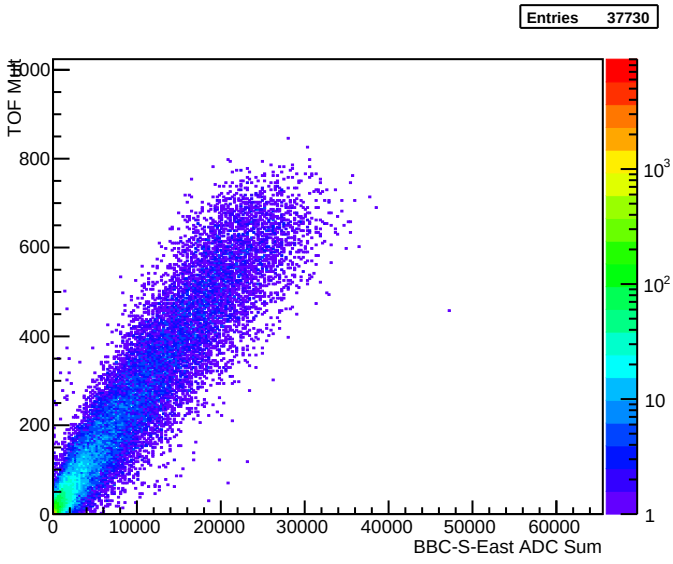


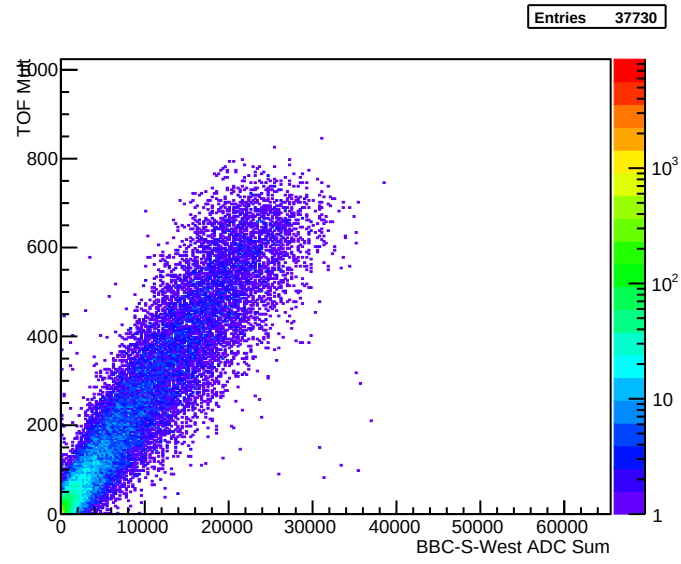
VT201 Input Ch4: VPD Adc Sum Th

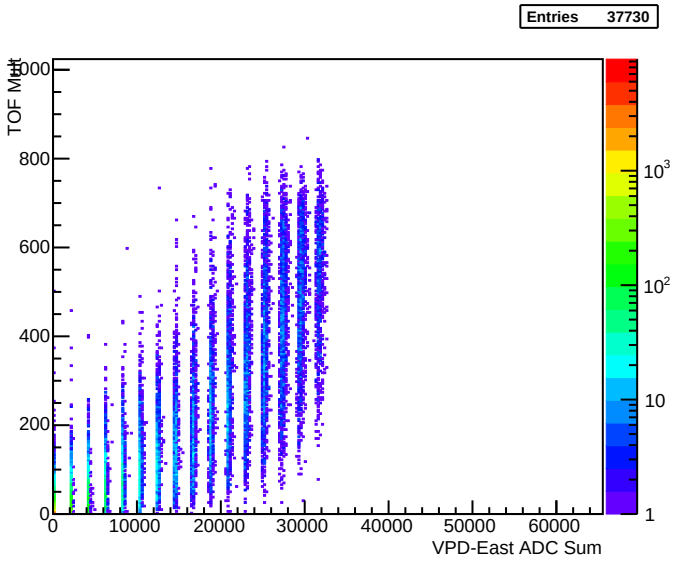


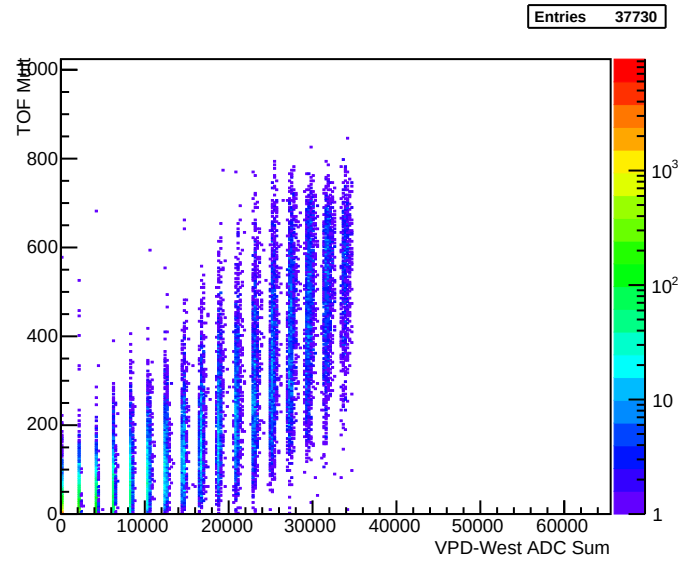
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

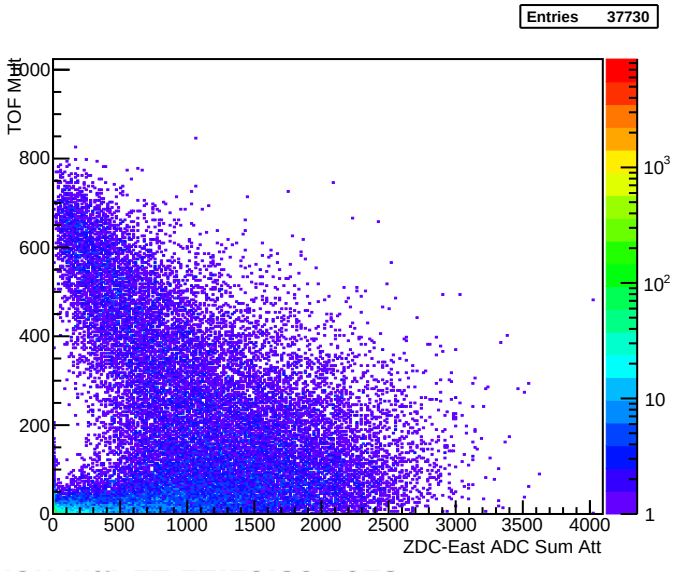


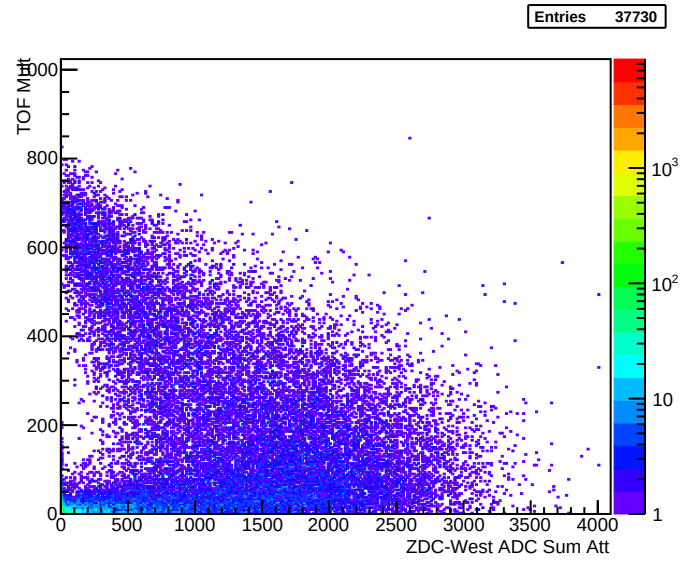

Entries 37730
TOF Mult
BBC-S-East ADC Sum

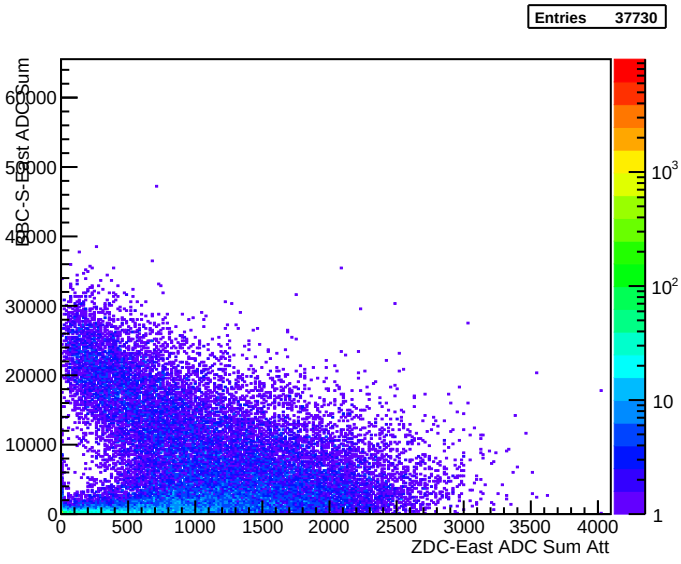

Entries 37730
TOF Mult
BBC-S-West ADC Sum

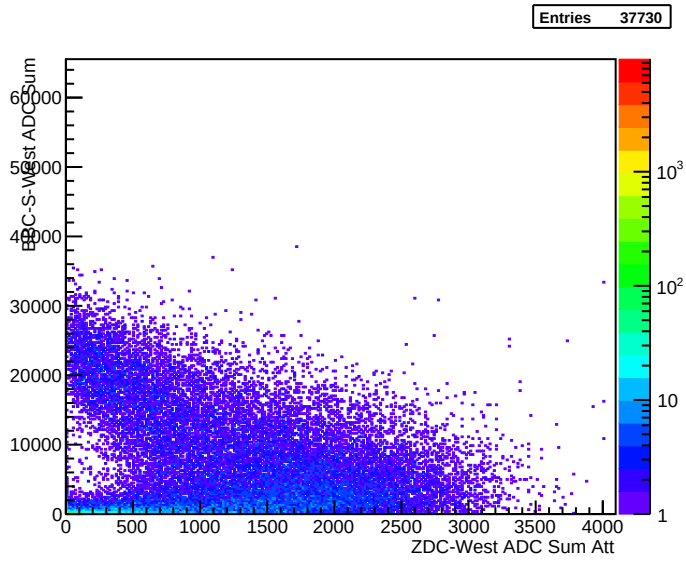

Entries 37730
TOF Mult
VPD-East ADC Sum

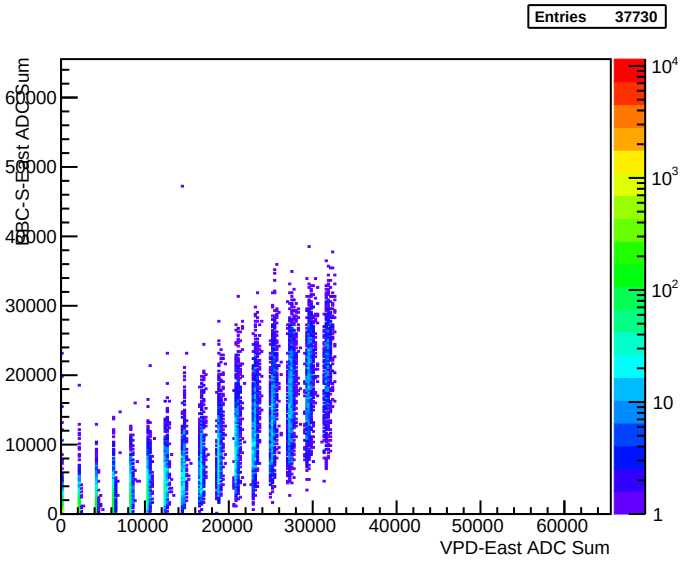

Entries 37730
TOF Mult
VPD-West ADC Sum

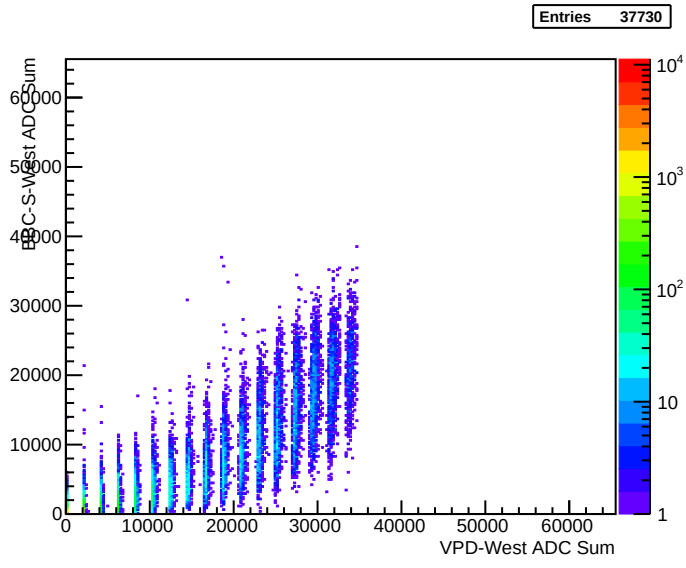

Entries 37730
TOF Mult
ZDC-East ADC Sum Att

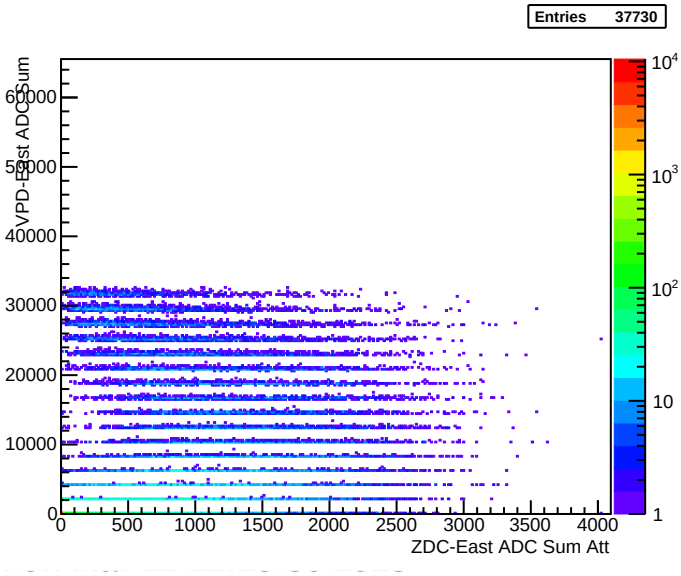

Entries 37730
TOF Mult
ZDC-West ADC Sum Att

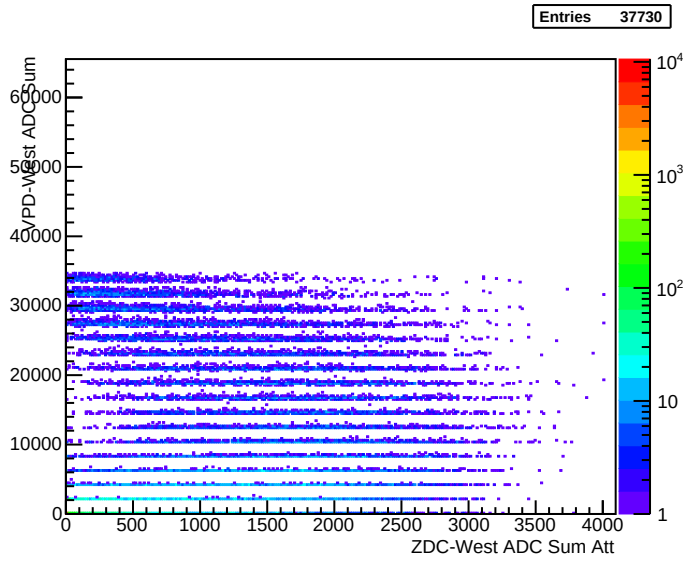

Entries 37730
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

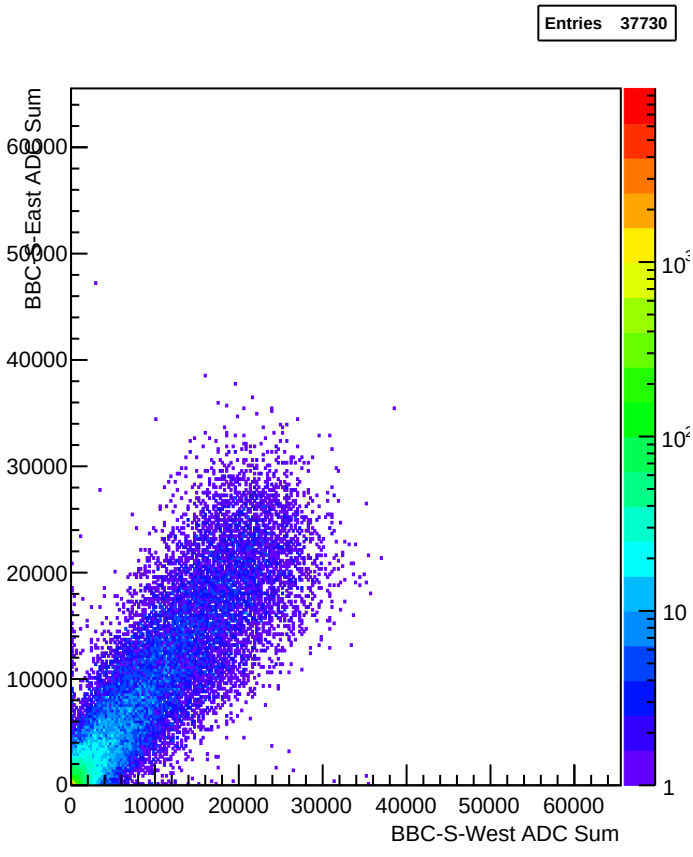

Entries 37730
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

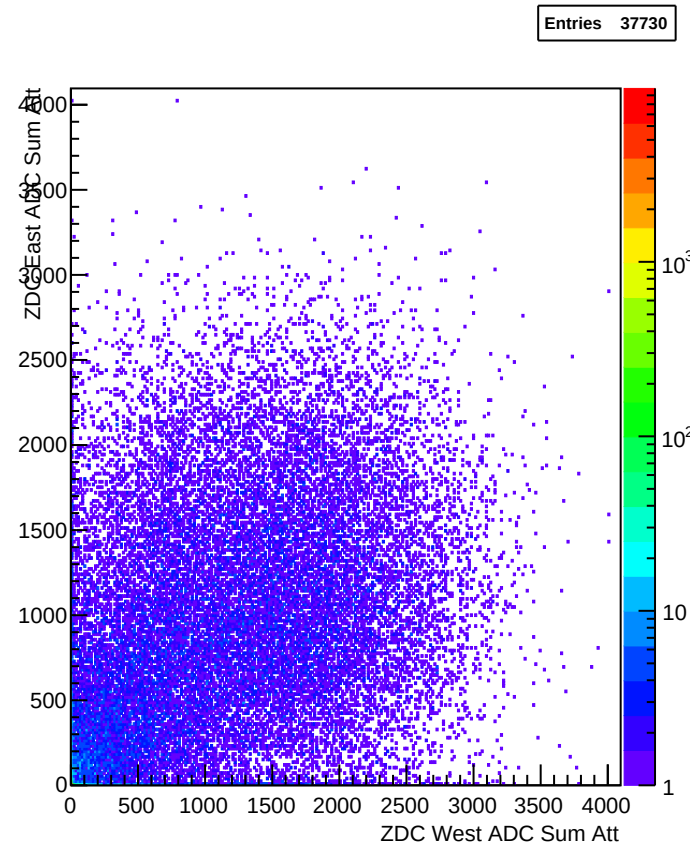

Entries 37730
BBC-S-East ADC Sum
VPD-East ADC Sum

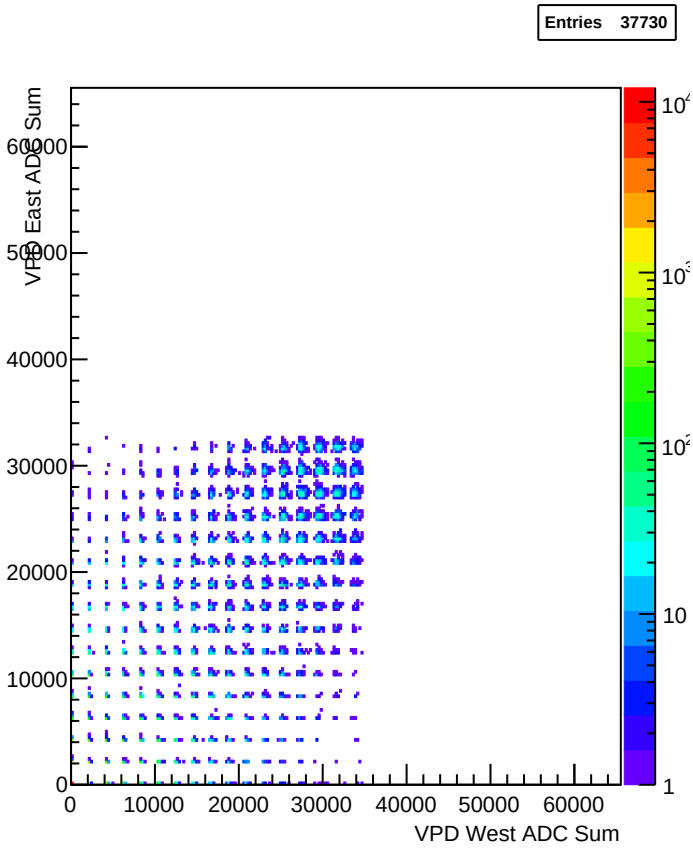

Entries 37730
BBC-S-West ADC Sum
VPD-West ADC Sum

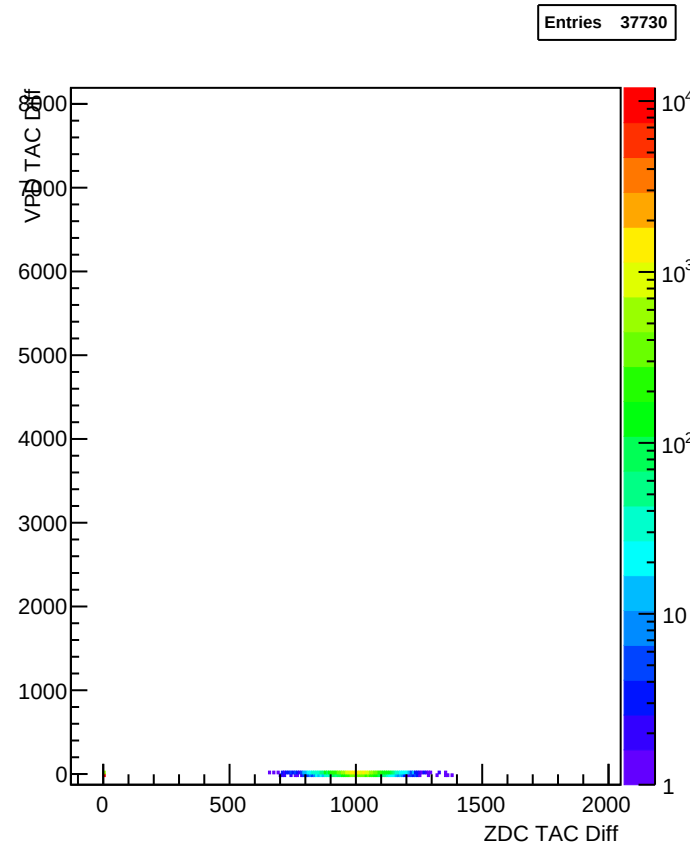

Entries 37730
VPD-East ADC Sum
ZDC-East ADC Sum Att

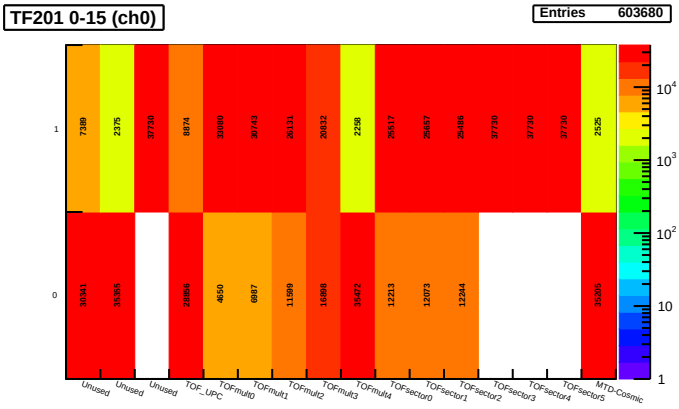

Entries 37730
VPD-West ADC Sum
ZDC-West ADC Sum Att


Entries 37730
BBC-S-East ADC Sum
BBC-S-West ADC Sum


Entries 37730
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 37730
VPD East ADC Sum
VPD West ADC Sum


Entries 37730
VPD TAC Diff
ZDC TAC Diff


TF201 0-15 (ch0)
Entries 603680
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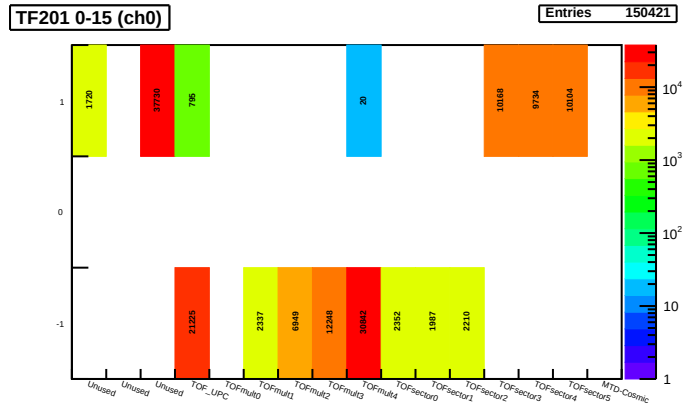
Unused Unused Unused TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5 MTD-Cosmic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Entries 150421
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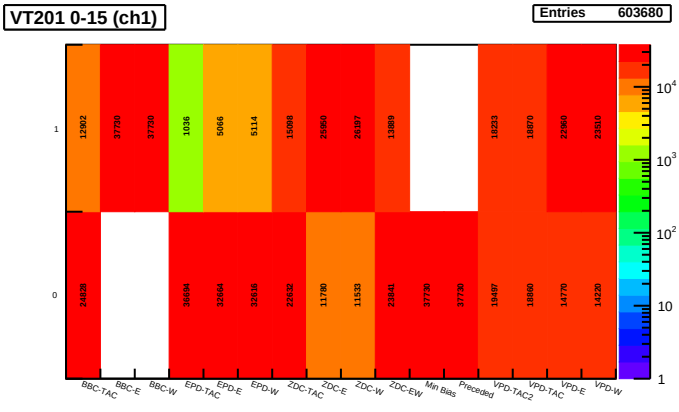
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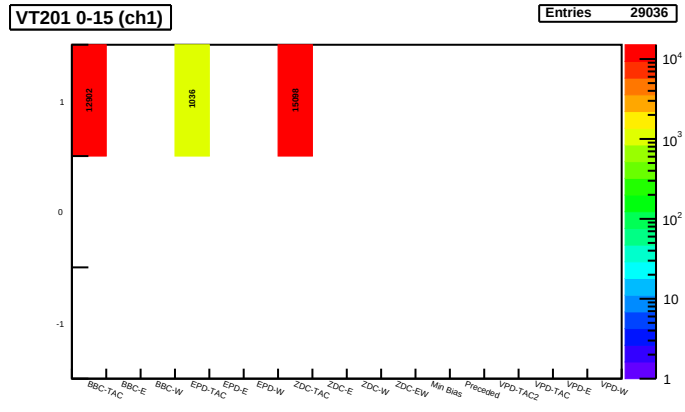
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W ZDC-EW Min Bias Preceded VPD-TAC2 VPD-TAC VPD-E VPD-W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Entries 29036
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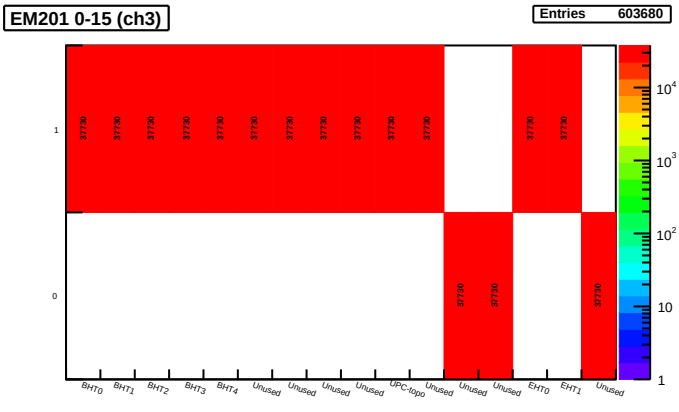
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W ZDC-EW Min Bias Preceded VPD-TAC2 VPD-TAC VPD-E VPD-W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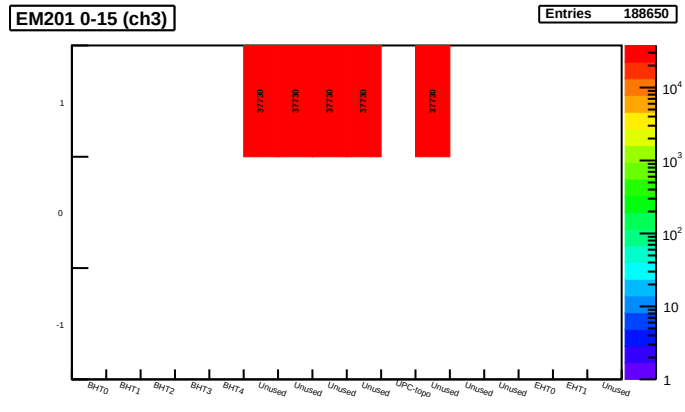
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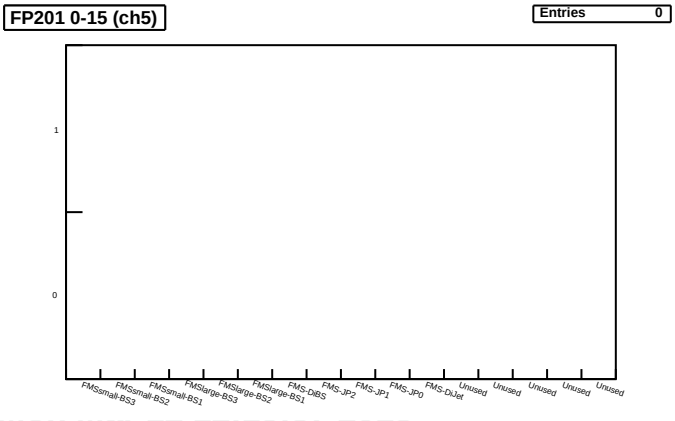
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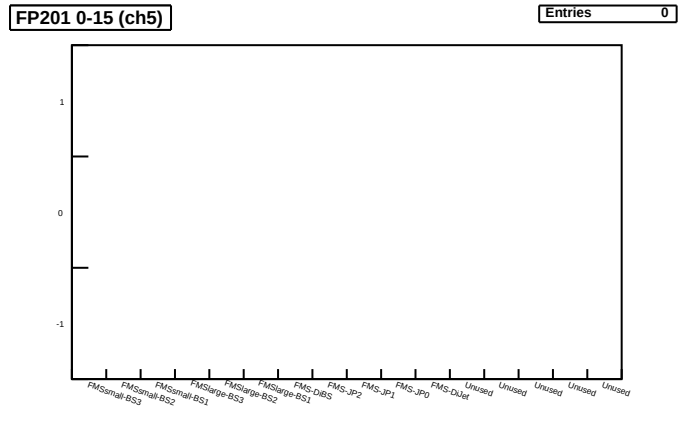
Entries 0
FMSsmall-BS3 FMSsmall-BS2 FMSsmall-BS1 FMSlarge-BS3 FMSlarge-BS2 FMSlarge-BS1 FMS-DiBS FMS-JP2 FMS-JP1 FMS-JP0 FMS-DiJet Unused Unused Unused Unused Unused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Entries 0
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