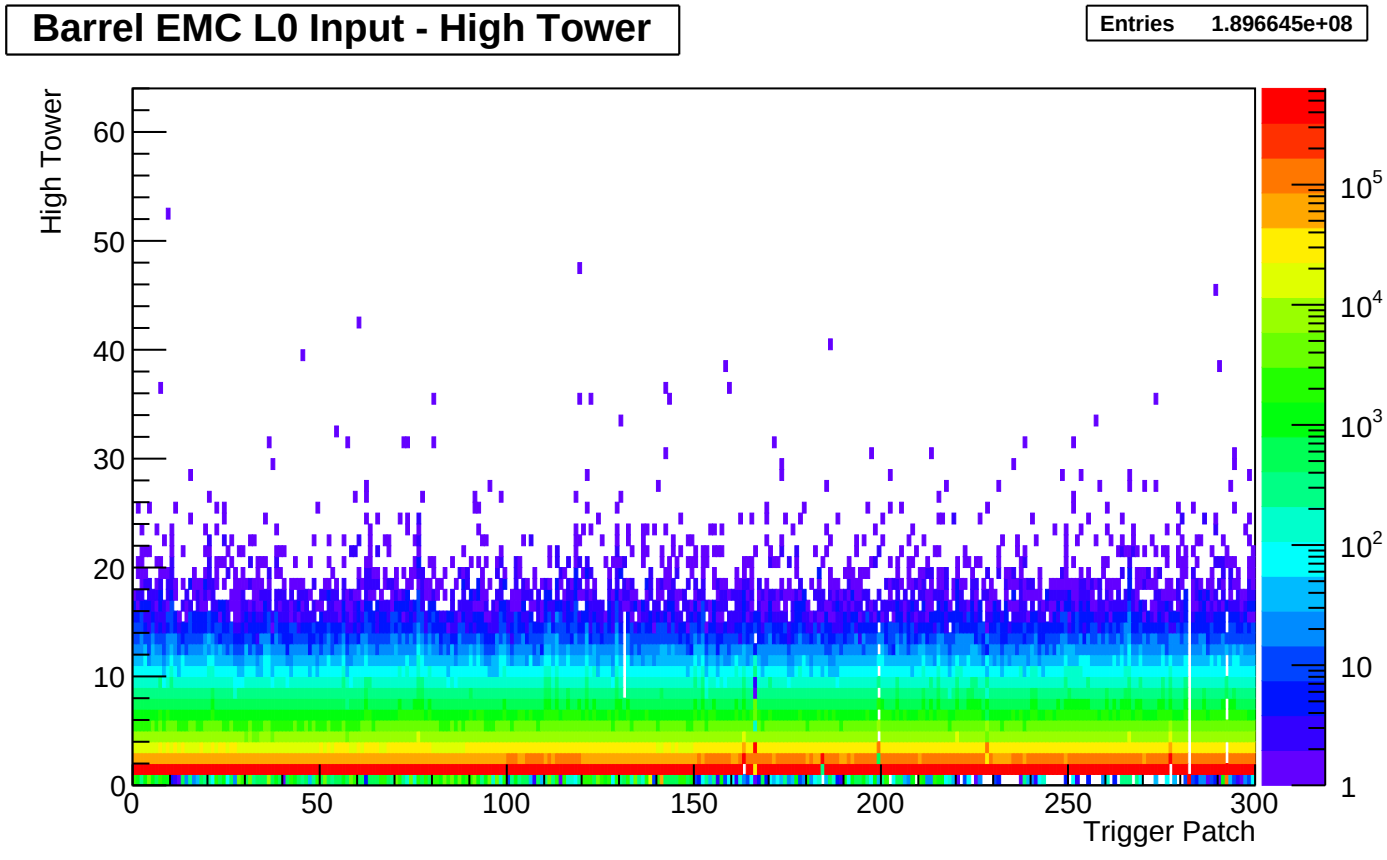
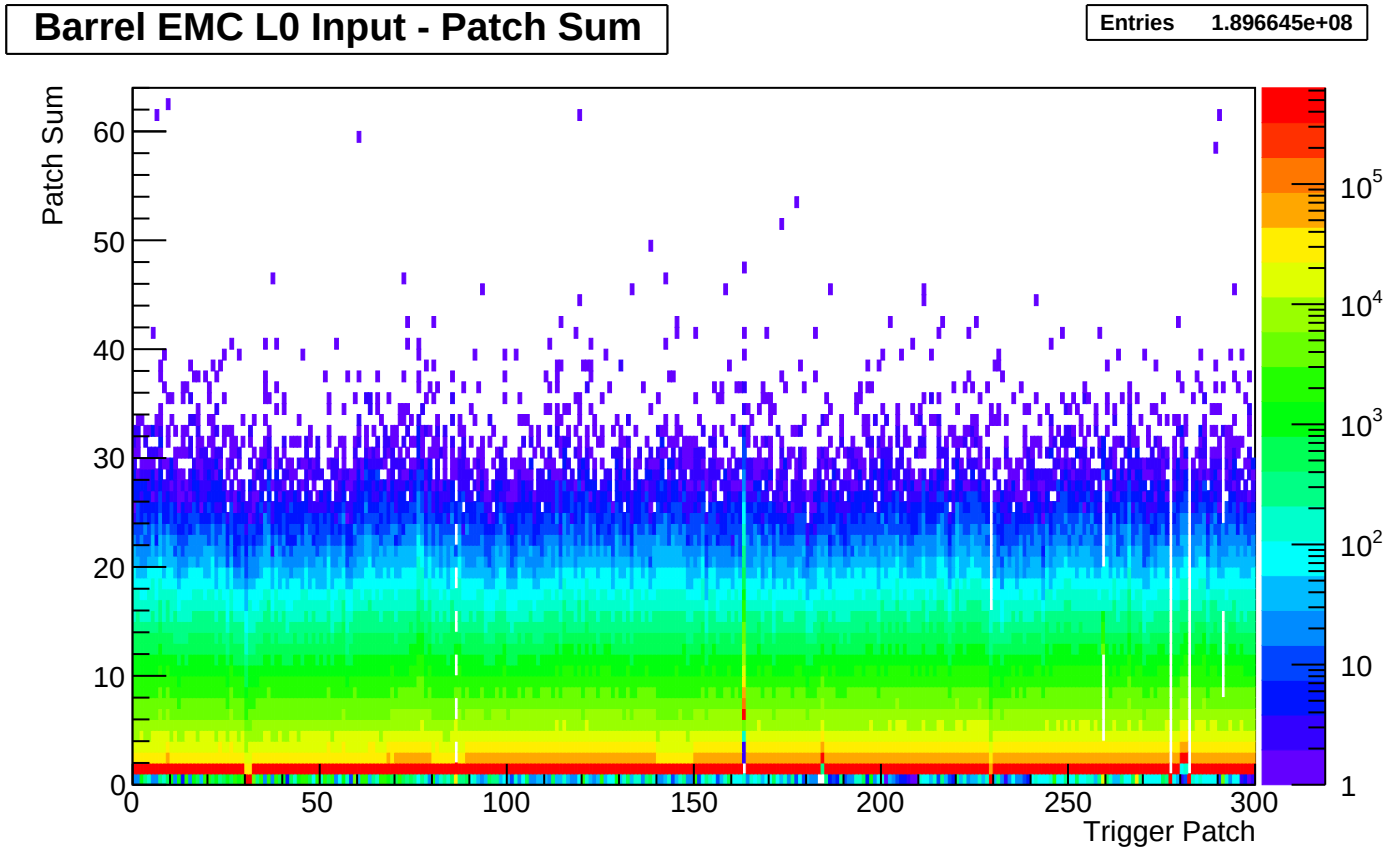
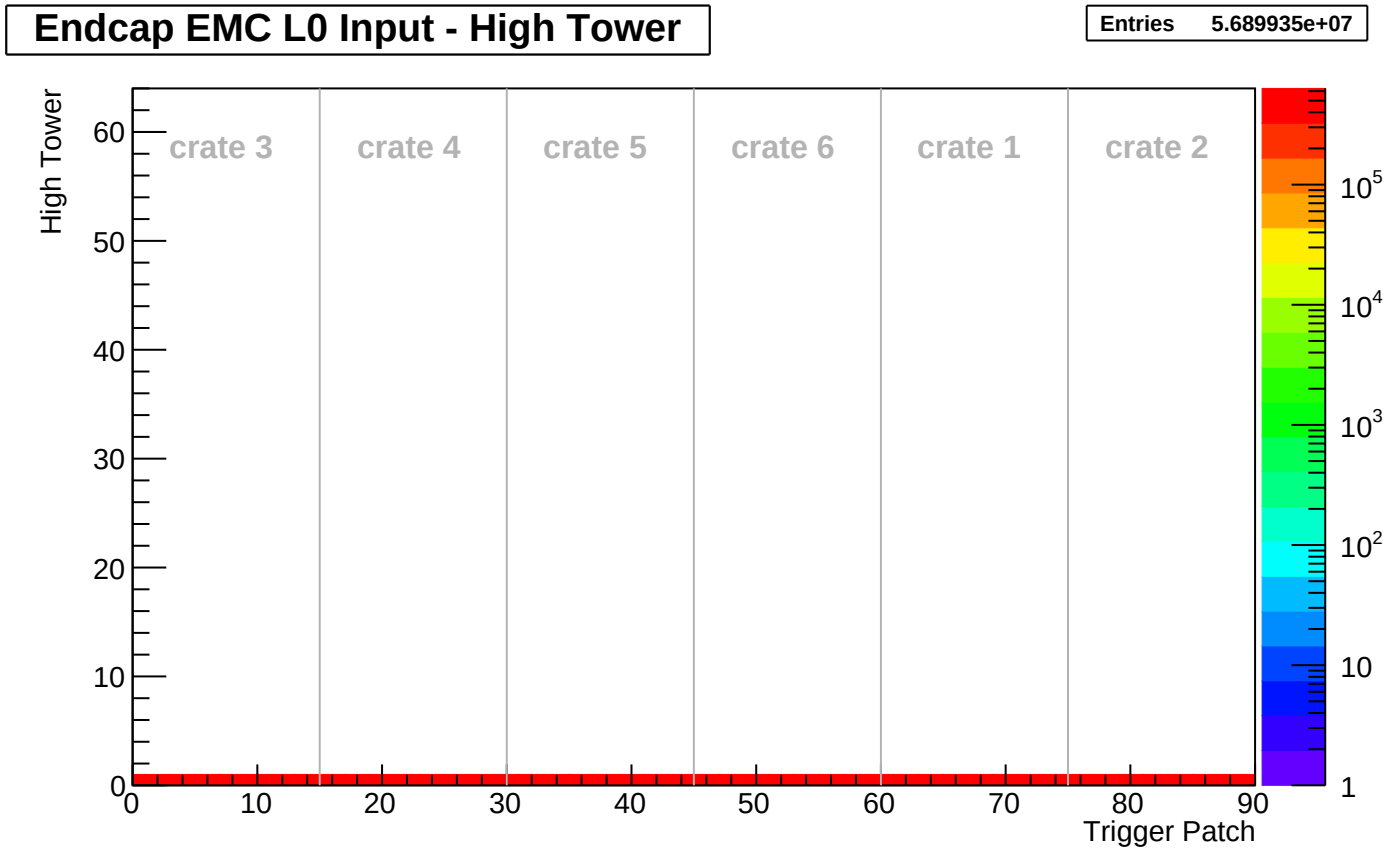
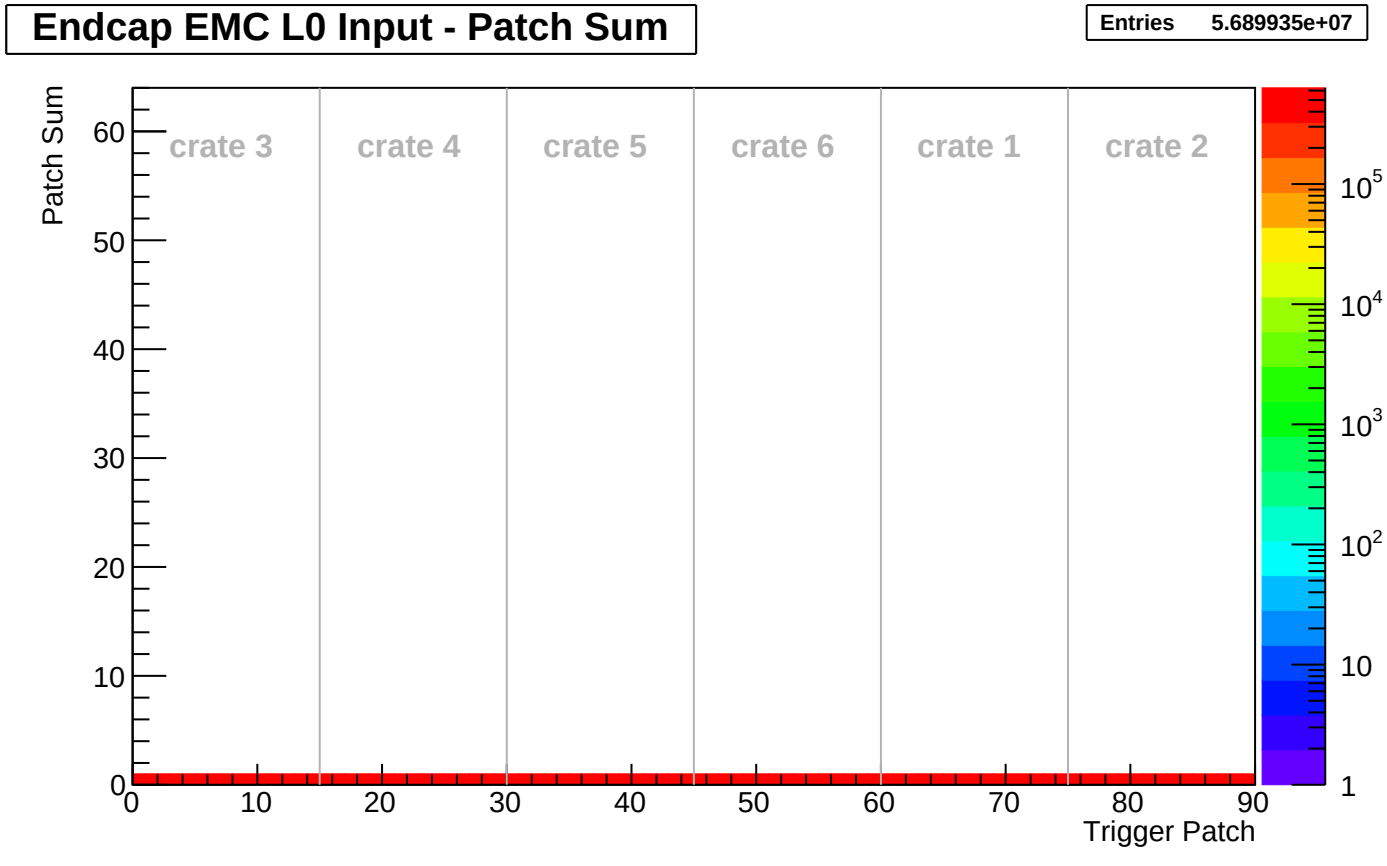
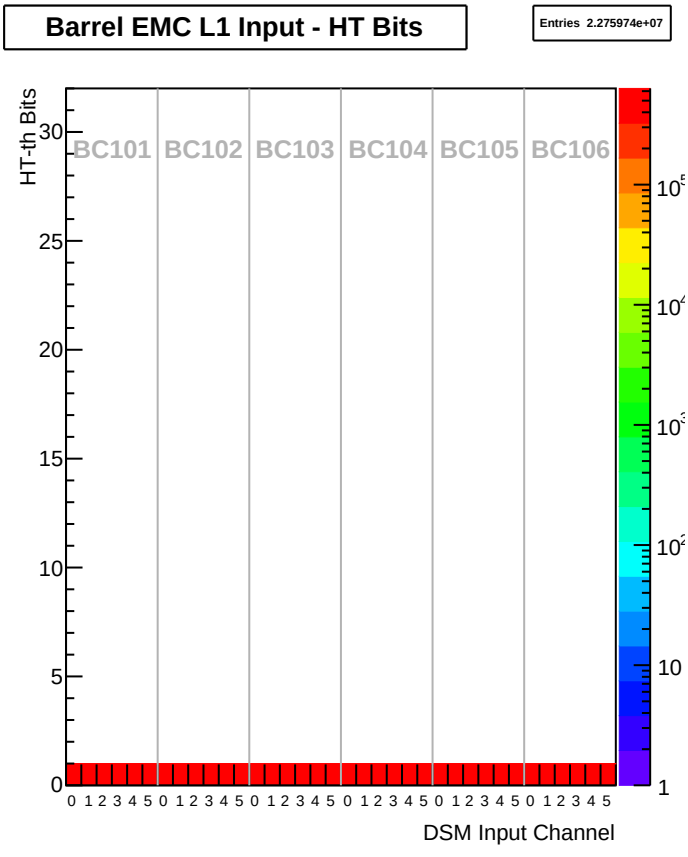
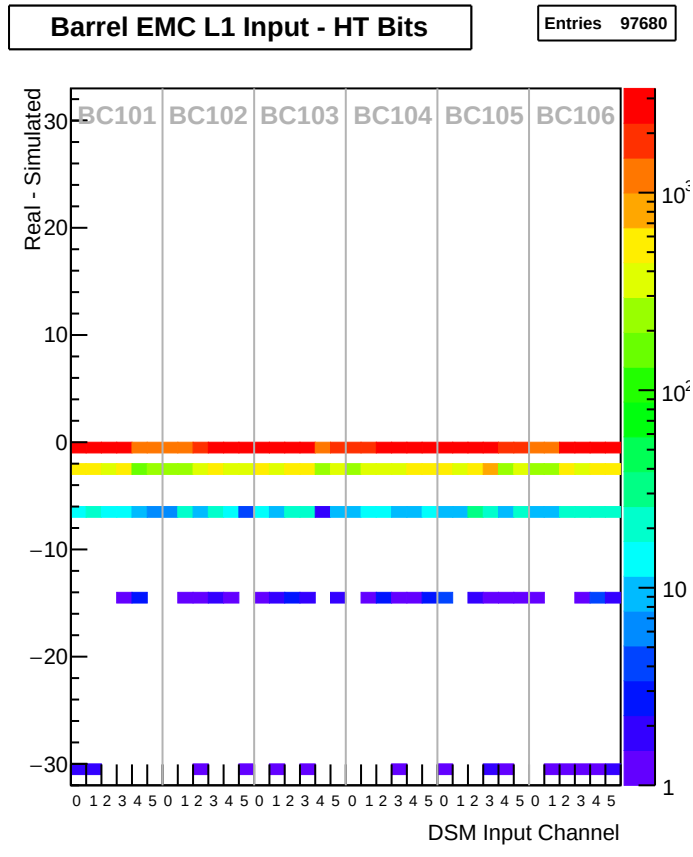

Barrel EMC L0 Input - High Tower
Entries 1.896645e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

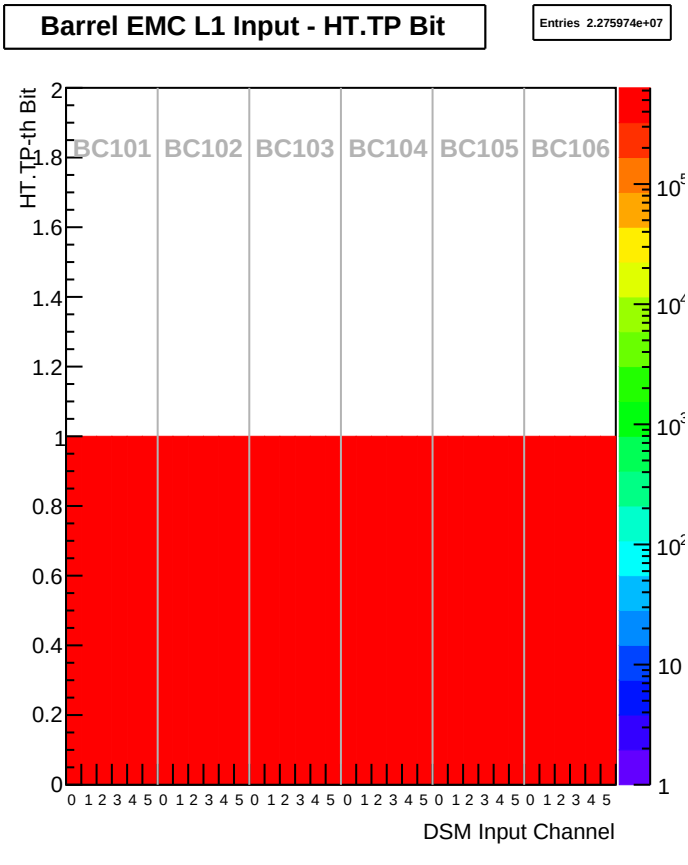

Barrel EMC L0 Input - Patch Sum
Entries 1.896645e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

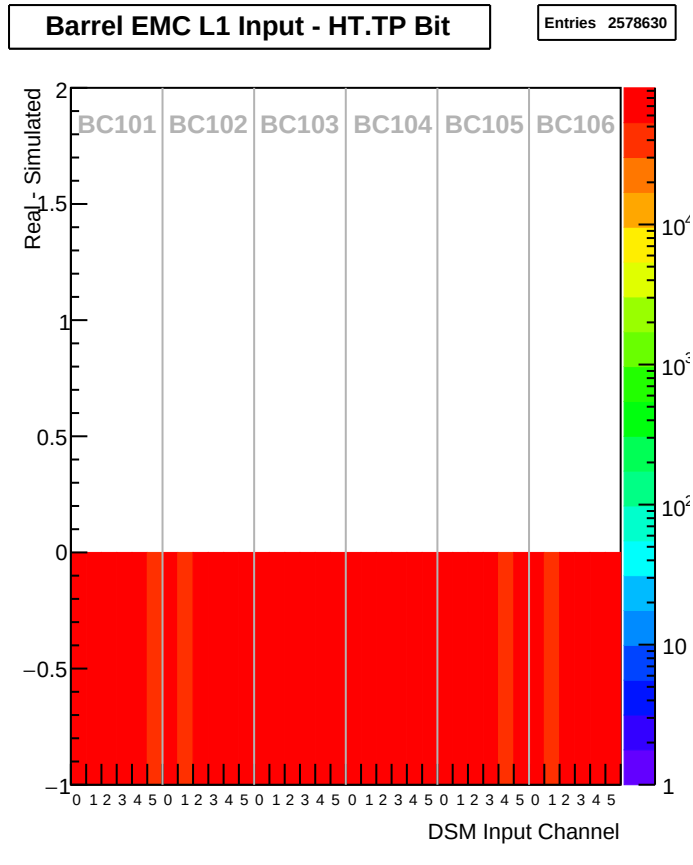

Endcap EMC L0 Input - High Tower
Entries 5.689935e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

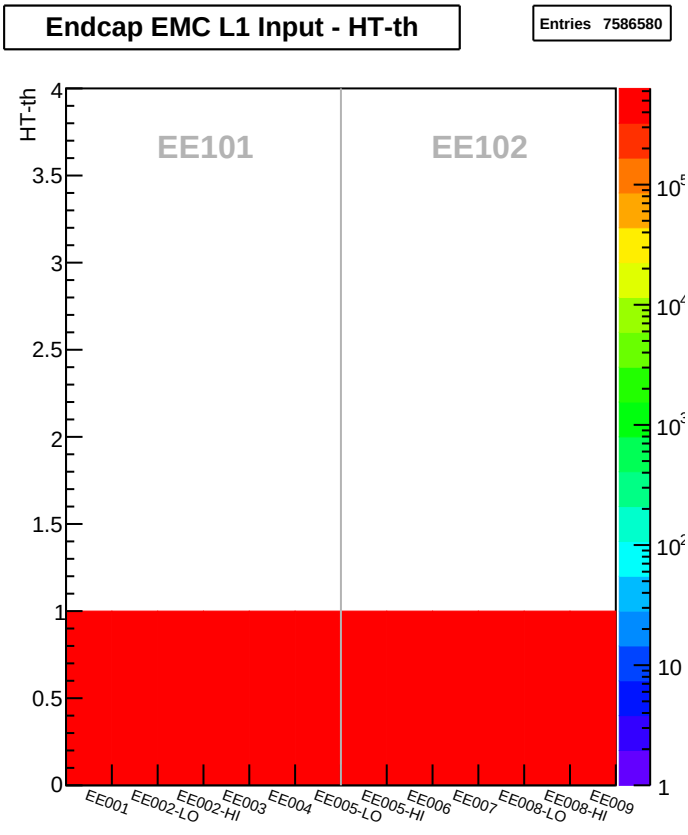

Endcap EMC L0 Input - Patch Sum
Entries 5.689935e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

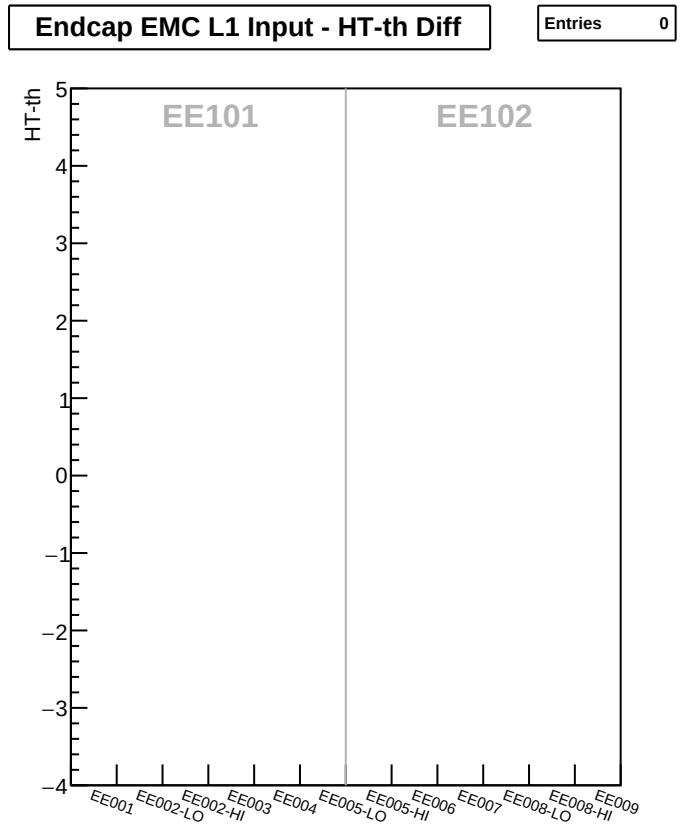

Barrel EMC L1 Input - HT Bits
Entries 2.275974e+07
HT-th Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

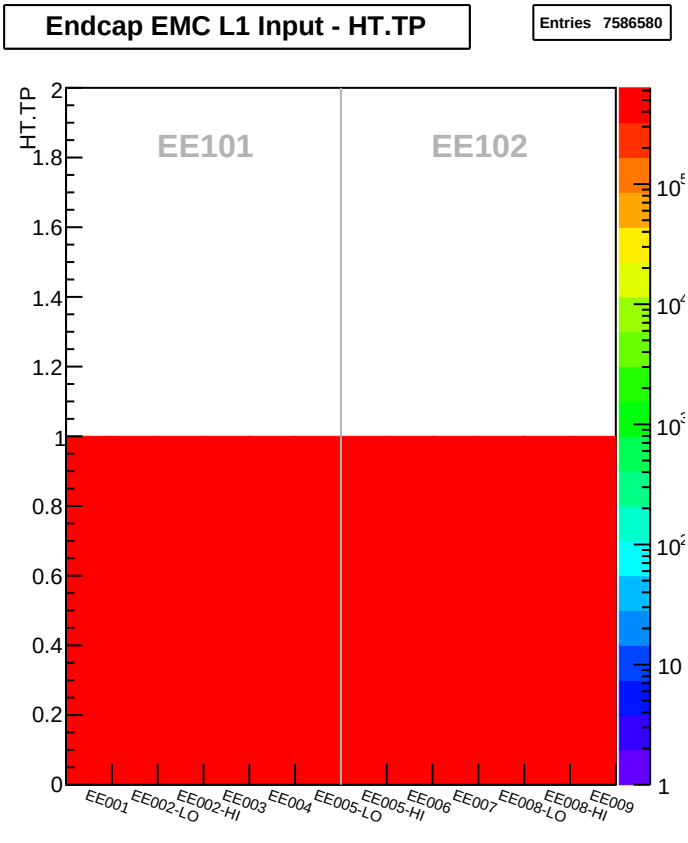

Barrel EMC L1 Input - HT Bits
Entries 97680
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

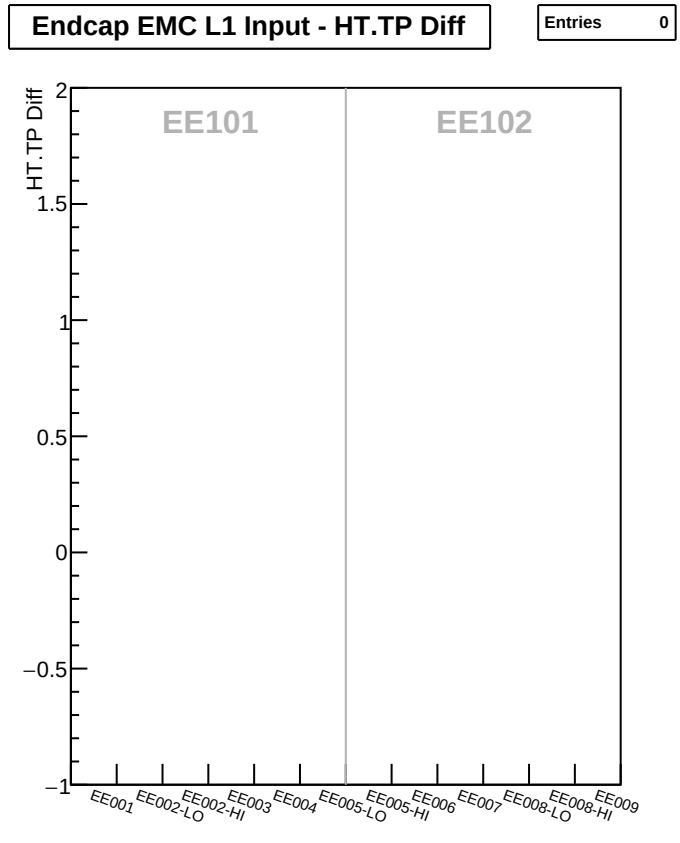

Barrel EMC L1 Input - HT.TP Bit
Entries 2.275974e+07
HT.TP-th Bit
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

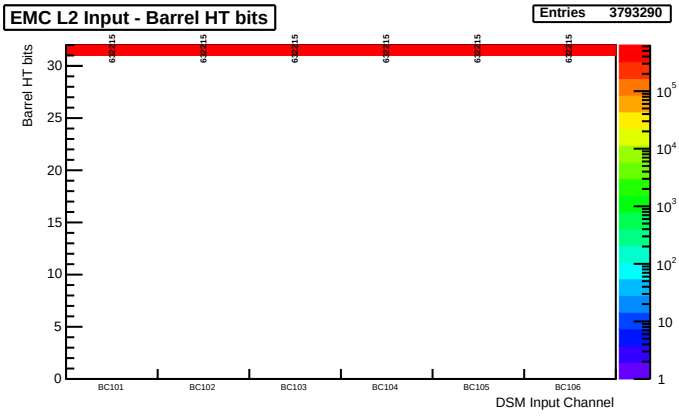

Barrel EMC L1 Input - HT.TP Bit
Entries 2578630
Real - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

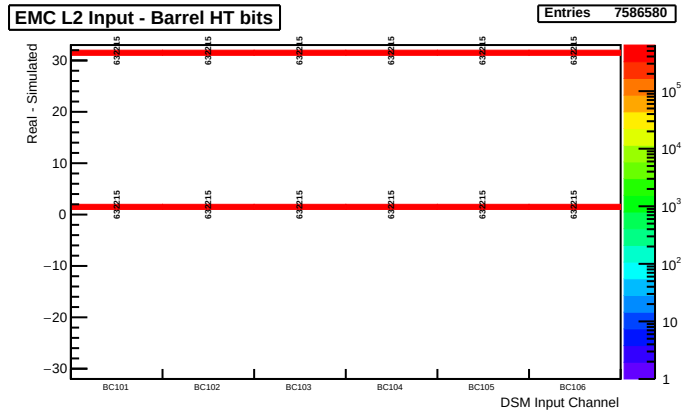

Endcap EMC L1 Input - HT-th
Entries 7586580
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

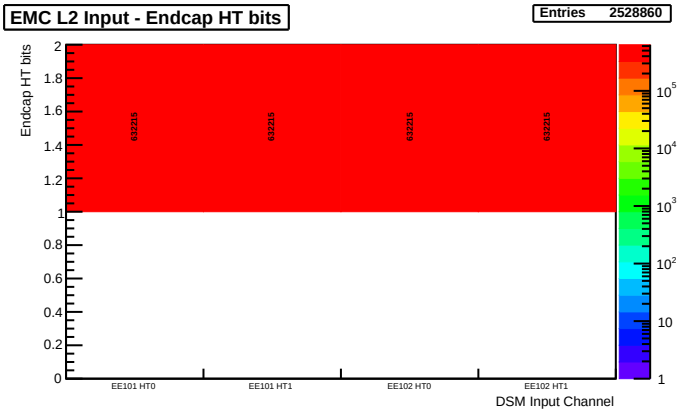

Endcap EMC L1 Input - HT-th Diff
Entries 0
HT-th
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

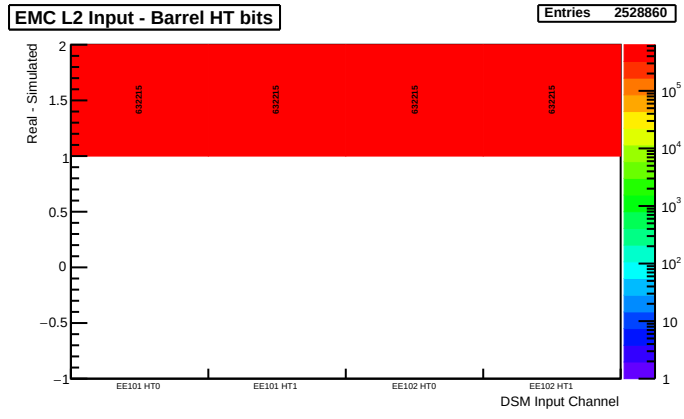

Endcap EMC L1 Input - HT.TP
Entries 7586580
HT.TP
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

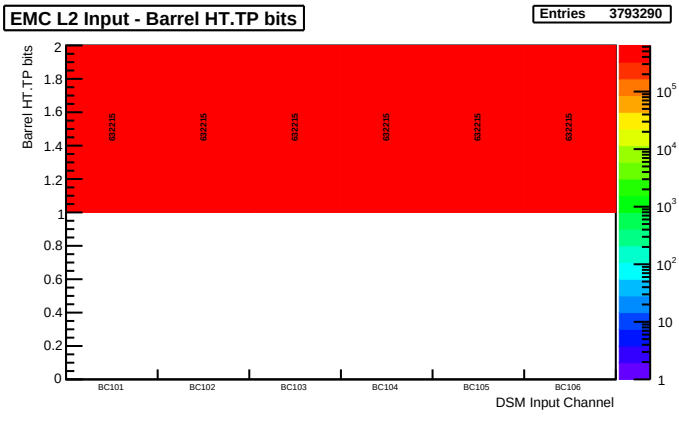

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

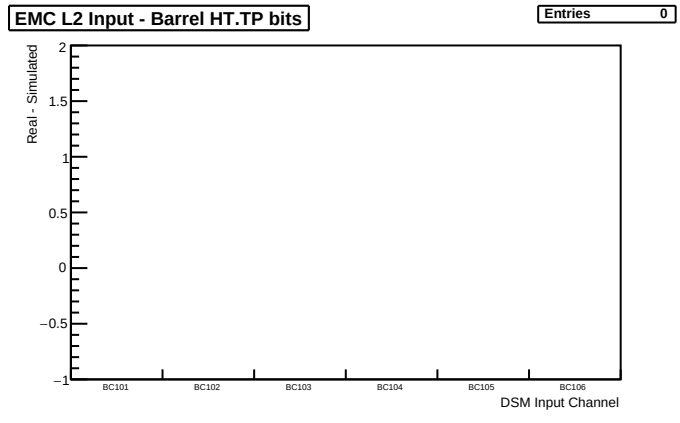

EMC L2 Input - Barrel HT bits
Entries 3793290
Barrel HT bits
632215
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

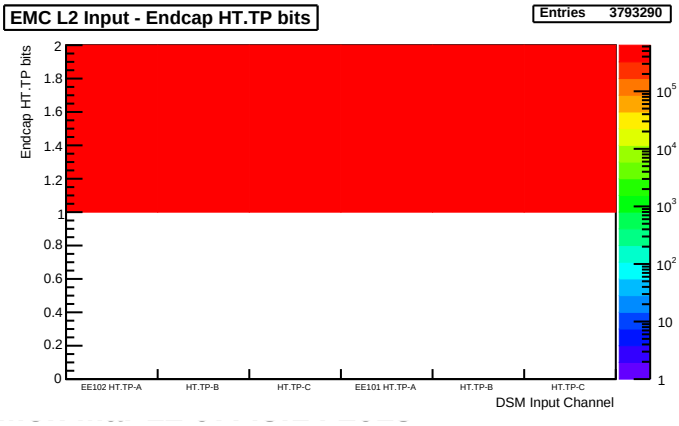

EMC L2 Input - Barrel HT bits
Entries 7586580
Real - Simulated
632215
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

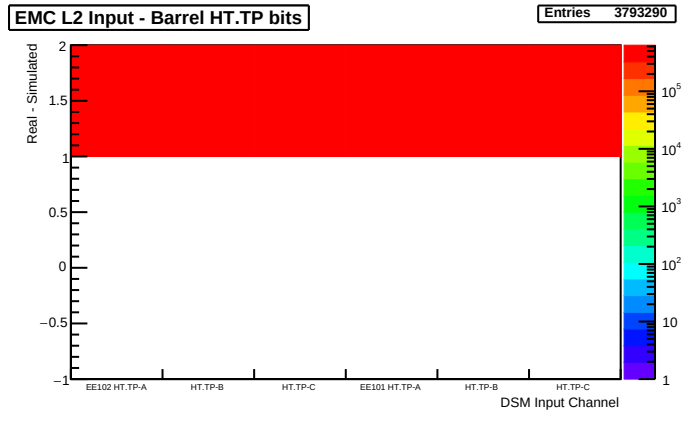

EMC L2 Input - Endcap HT bits
Entries 2528860
Endcap HT bits
632215
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1
DSM Input Channel

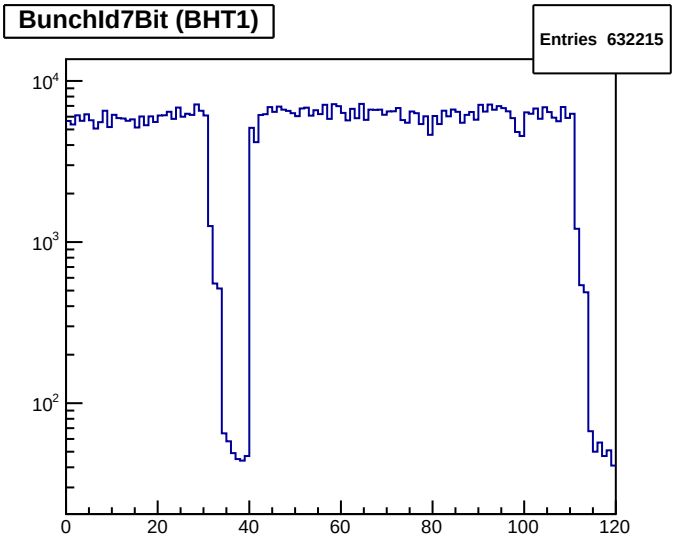

EMC L2 Input - Barrel HT bits
Entries 2528860
Real - Simulated
632215
EE101 HT0
EE101 HT1
EE102 HT0
EE102 HT1
DSM Input Channel

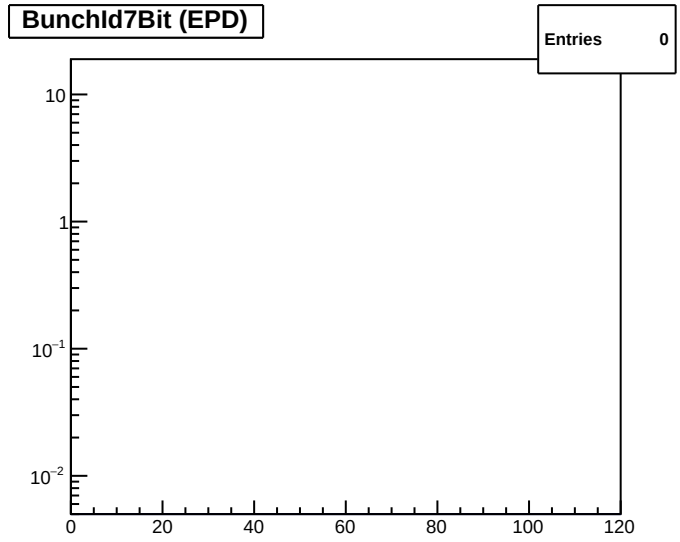

EMC L2 Input - Barrel HT.TP bits
Entries 3793290
Barrel HT.TP bits
632215
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

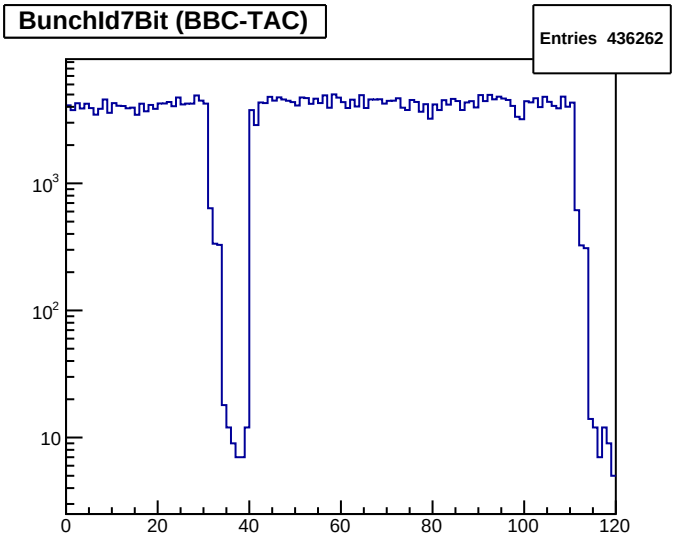

EMC L2 Input - Barrel HT.TP bits
Entries 0
Real - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

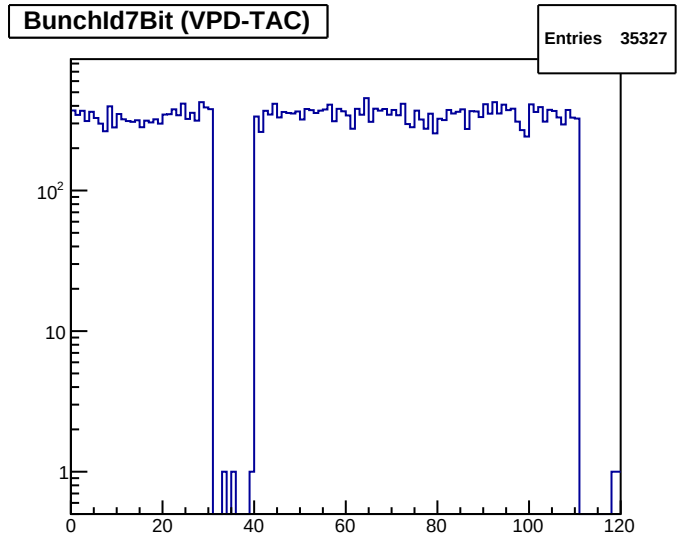

EMC L2 Input - Endcap HT.TP bits
Entries 3793290
Endcap HT.TP bits
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C
DSM Input Channel

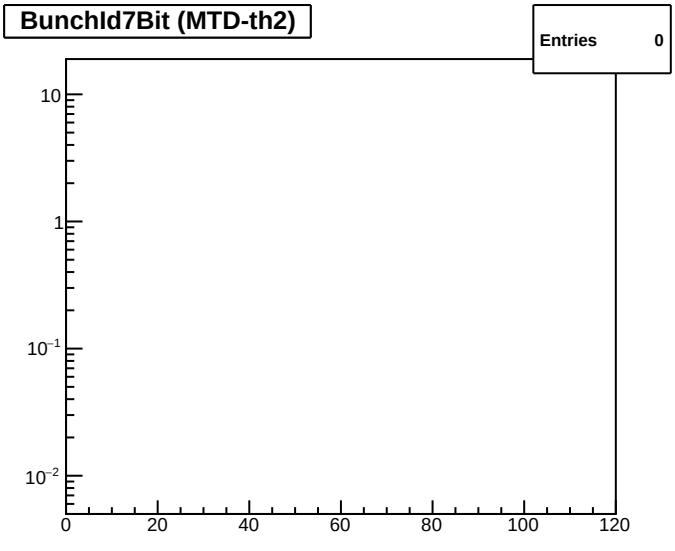

EMC L2 Input - Barrel HT.TP bits
Entries 3793290
Real - Simulated
EE102 HT.TP-A
HT.TP-B
HT.TP-C
EE101 HT.TP-A
HT.TP-B
HT.TP-C
DSM Input Channel

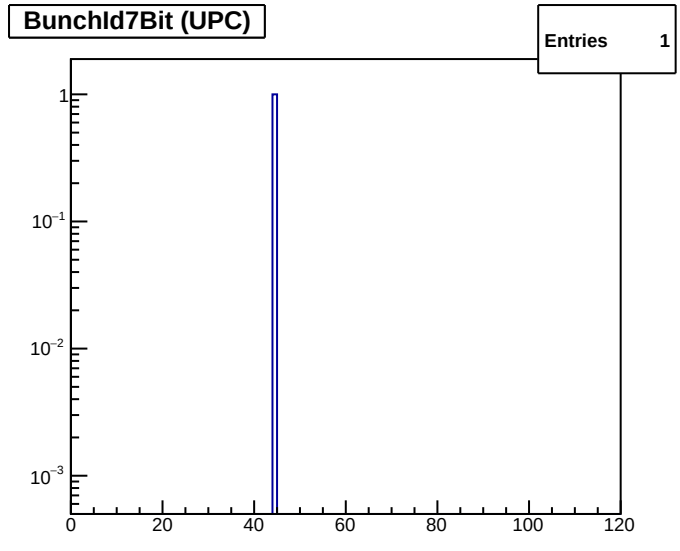

BunchId7Bit (BHT1)
Entries 632215

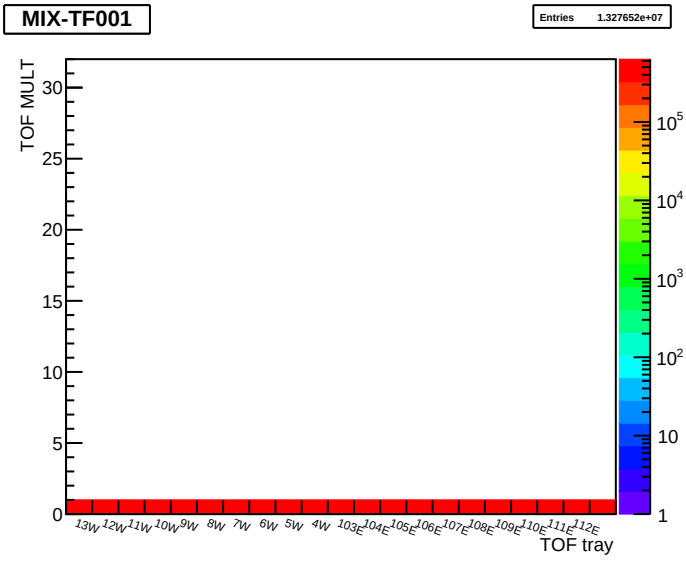

BunchId7Bit (EPD)
Entries 0

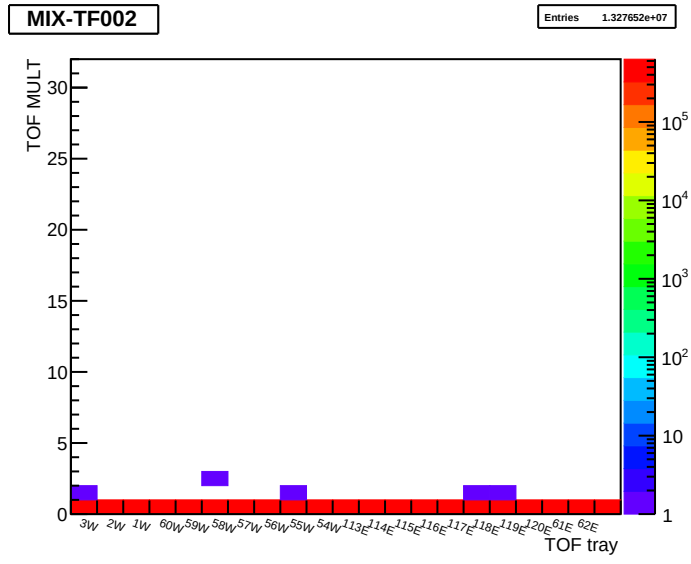

BunchId7Bit (BBC-TAC)
Entries 436262

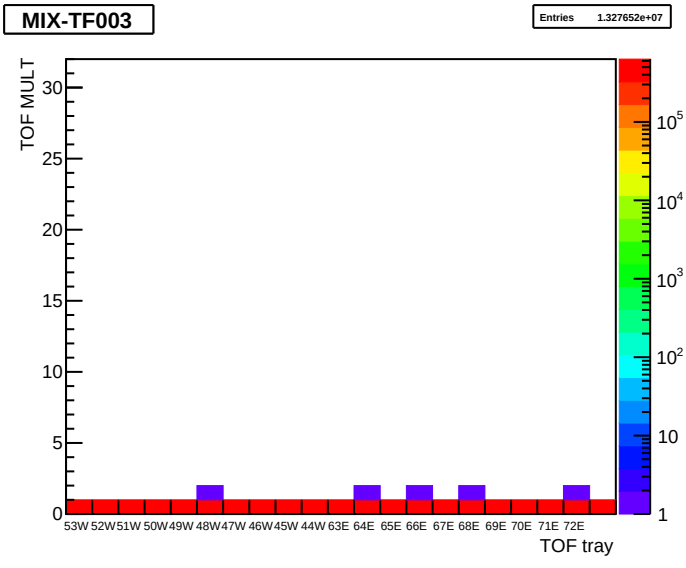

BunchId7Bit (VPD-TAC)
Entries 35327

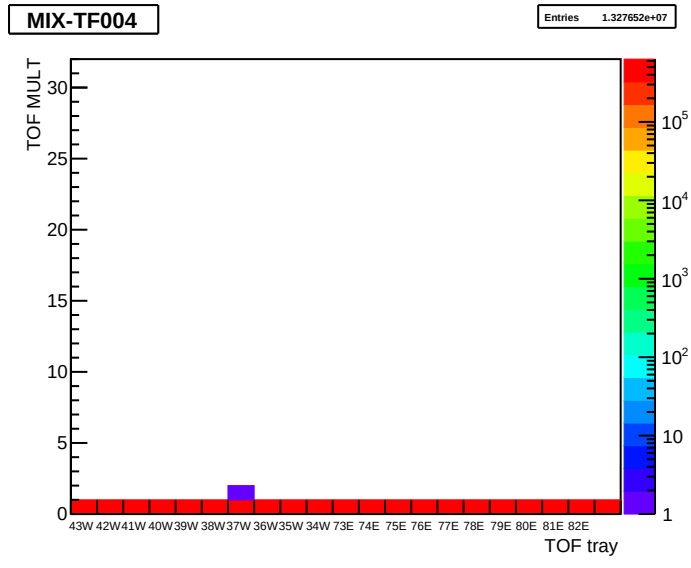

BunchId7Bit (MTD-th2)
Entries 0

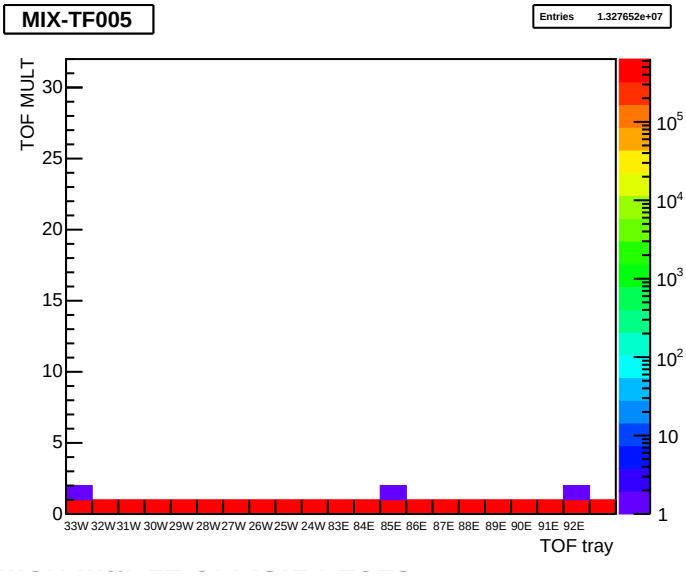

BunchId7Bit (UPC)
Entries 1

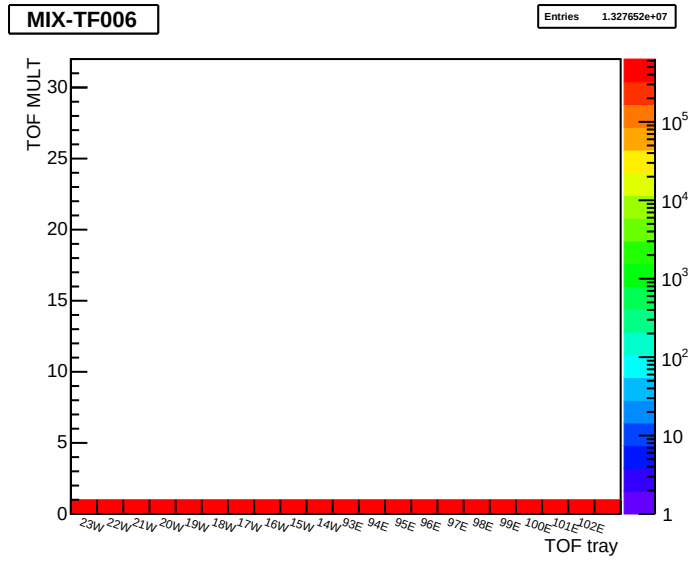

MIX-TF001
Entries 1.327652e+07
TOF MULT
TOF tray

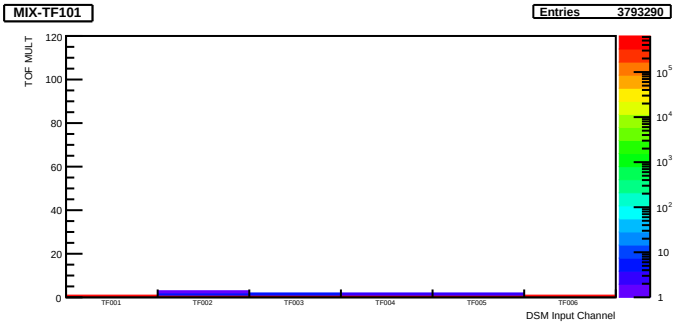

MIX-TF002
Entries 1.327652e+07
TOF MULT
TOF tray

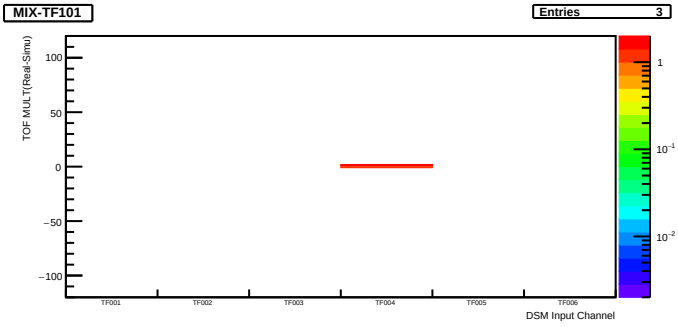

MIX-TF003
Entries 1.327652e+07
TOF MULT
TOF tray

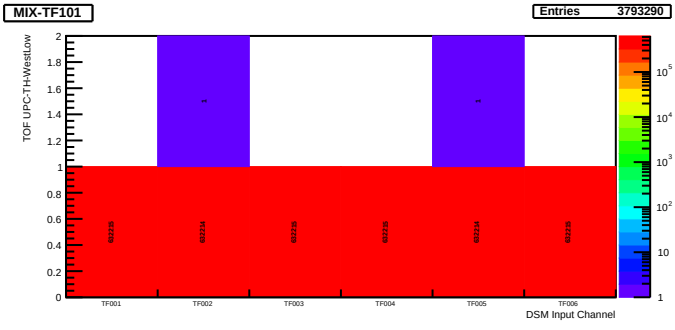

MIX-TF004
Entries 1.327652e+07
TOF MULT
TOF tray

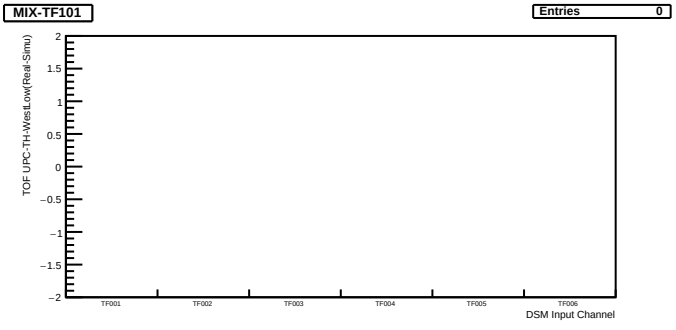

MIX-TF005
Entries 1.327652e+07
TOF MULT
TOF tray

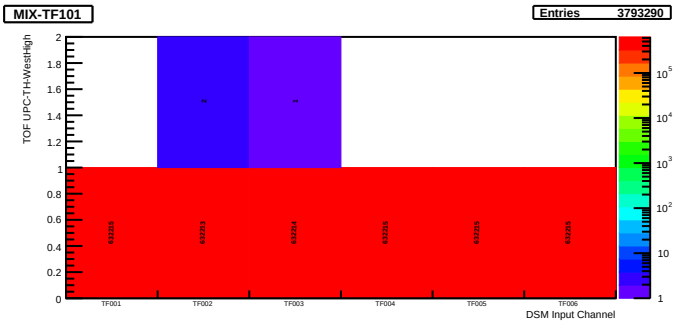

MIX-TF006
Entries 1.327652e+07
TOF MULT
TOF tray

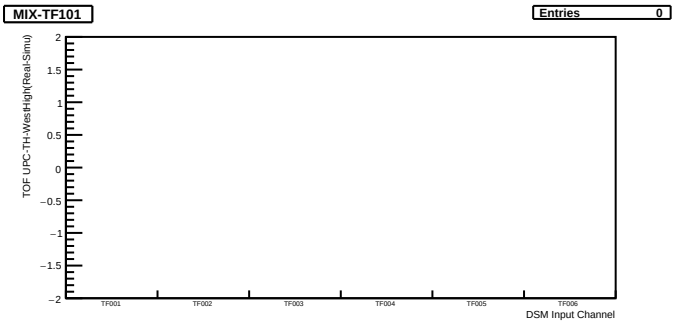

MIX-TF101
Entries 3793290
TOF MULT
DSM Input Channel

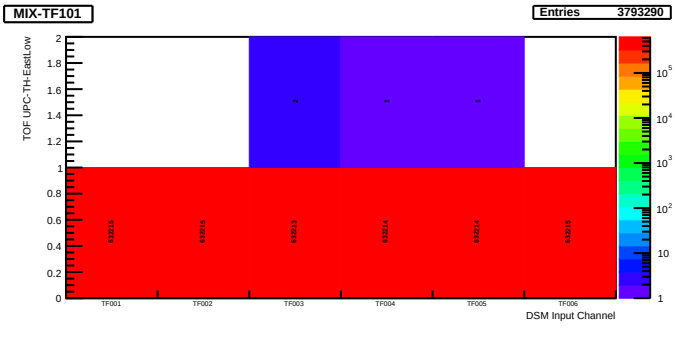

MIX-TF101
Entries 3
TOF MULT(Real-Simu)
DSM Input Channel

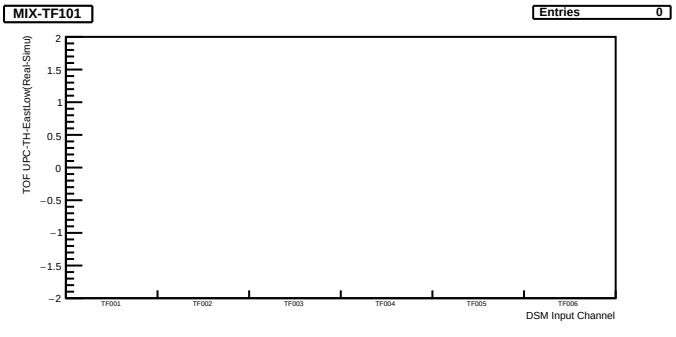

MIX-TF101
Entries 3793290
TOF UPC-TH-WestLow
DSM Input Channel

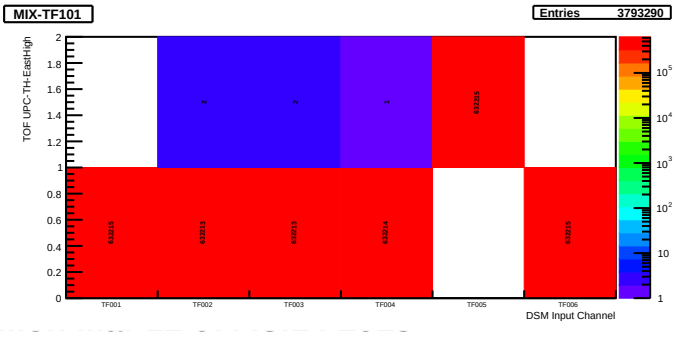

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

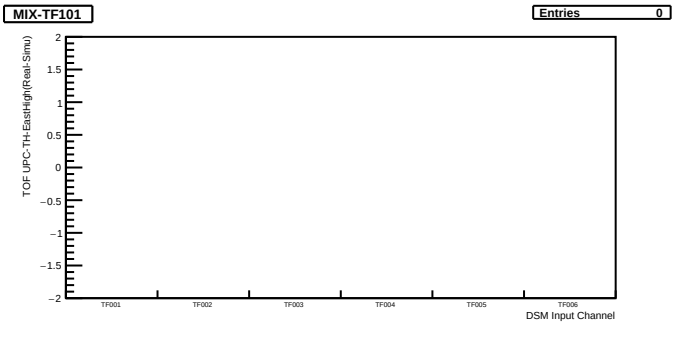

MIX-TF101
Entries 3793290
TOF UPC-TH-WestHigh
DSM Input Channel

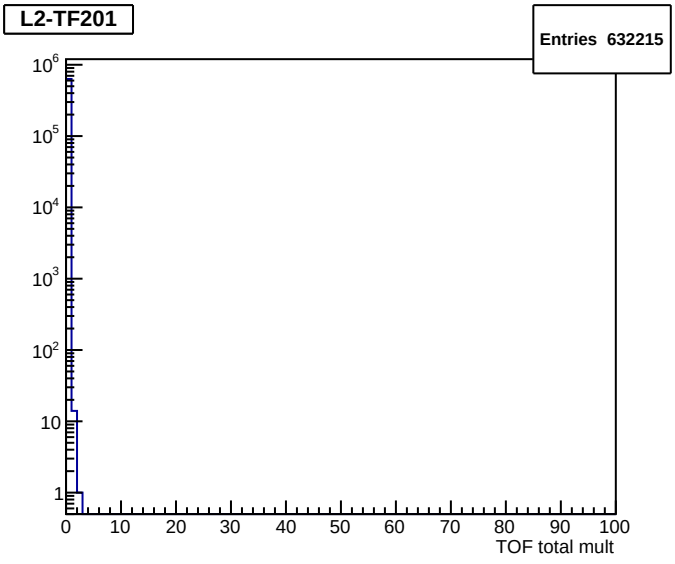

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

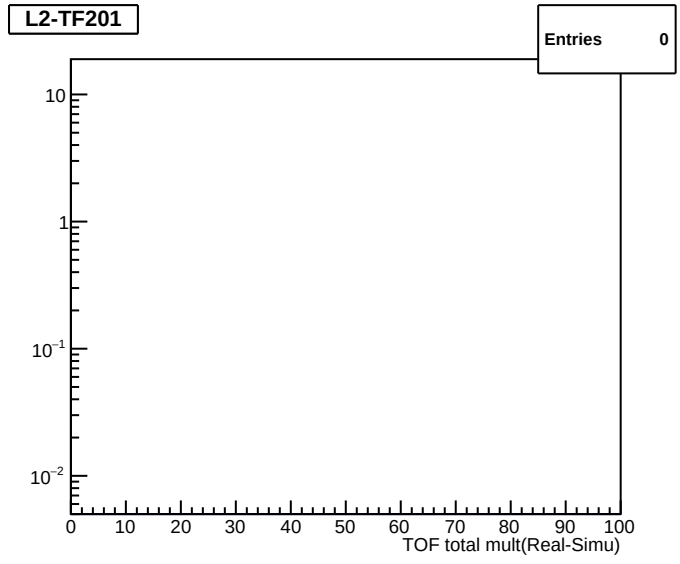

MIX-TF101
Entries 3793290
TOF UPC-TH-EastLow
DSM Input Channel

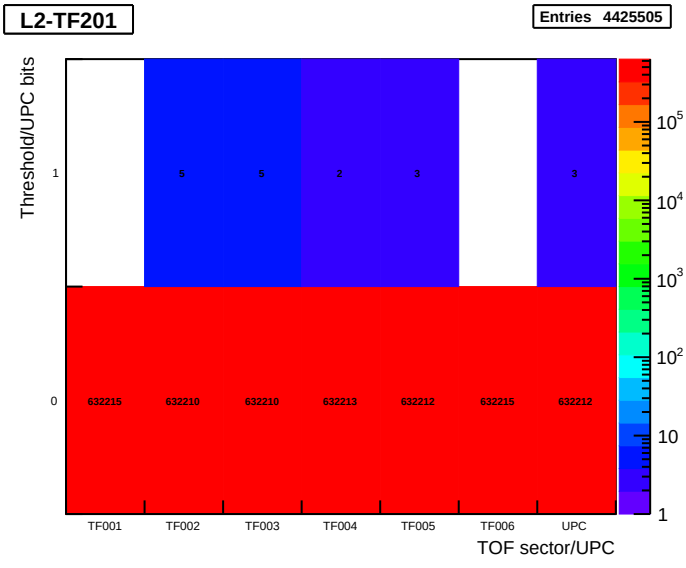

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

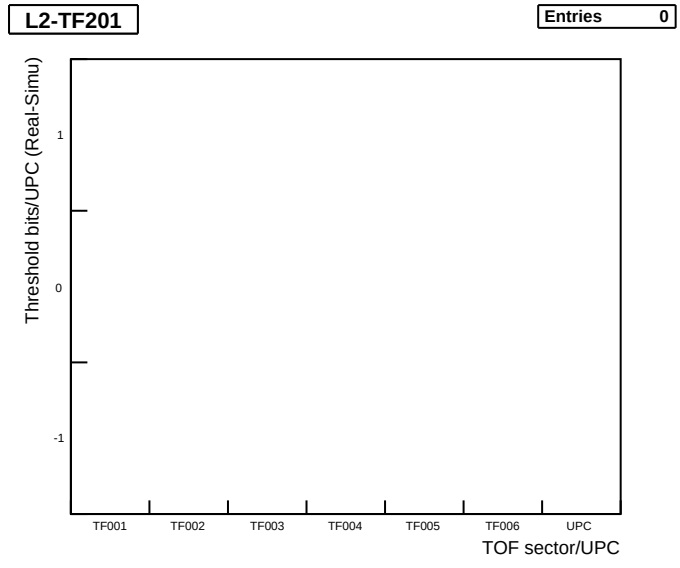

MIX-TF101
Entries 3793290
TOF UPC-TH-EastHigh
DSM Input Channel

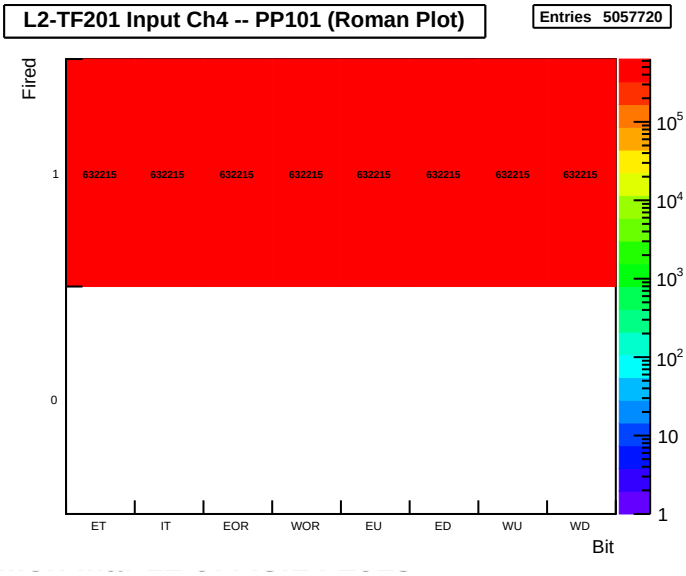

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

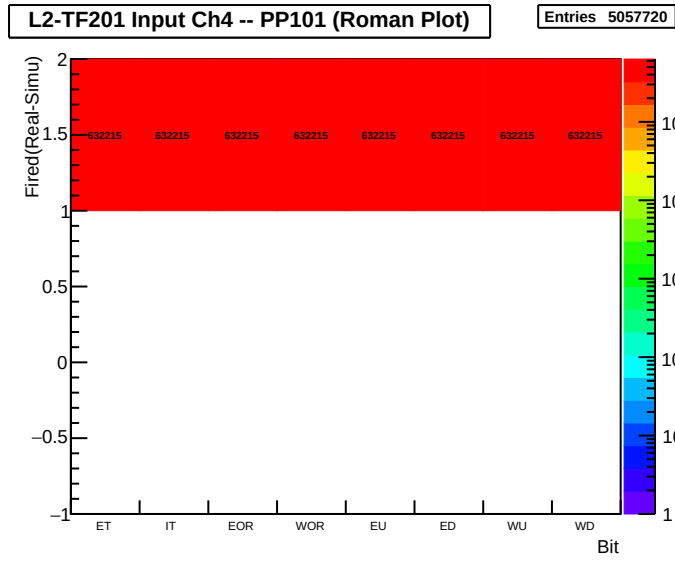

L2-TF201
Entries 632215
TOF total mult

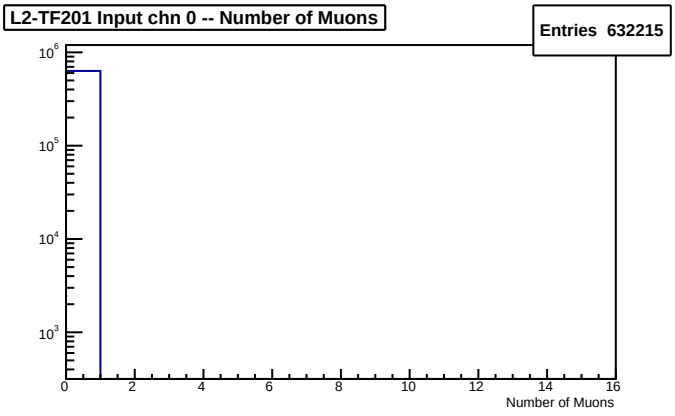

L2-TF201
Entries 0
TOF total mult(Real-Simu)

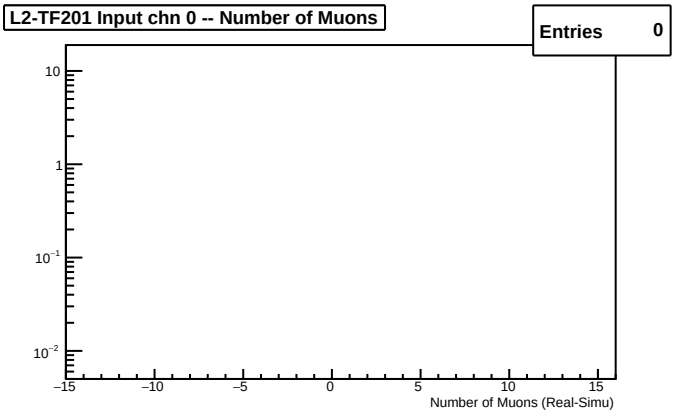

L2-TF201
Entries 4425505
Threshold/UPC bits
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

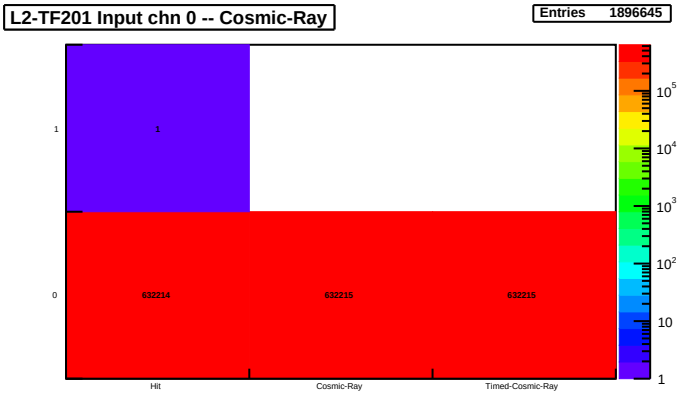

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

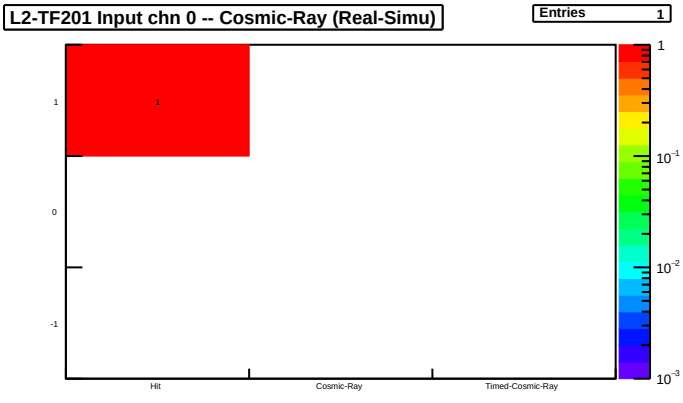

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5057720
Fired
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

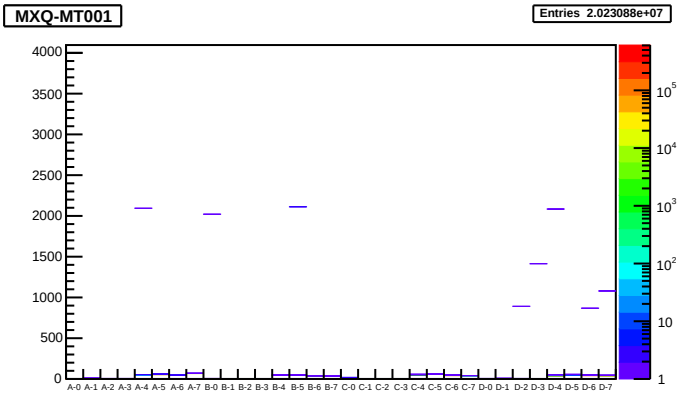

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5057720
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

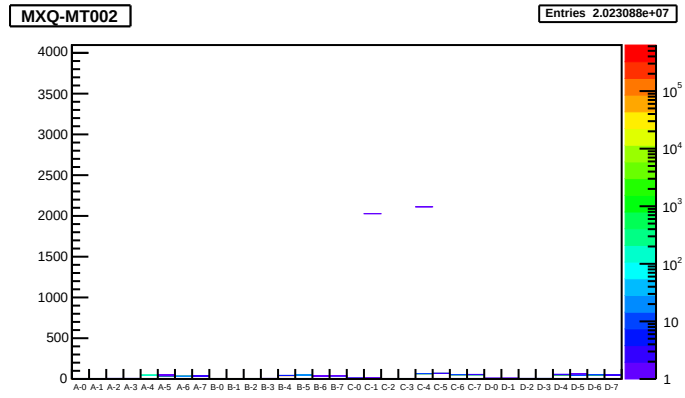

L2-TF201 Input chn 0 -- Number of Muons
Entries 632215
Number of Muons

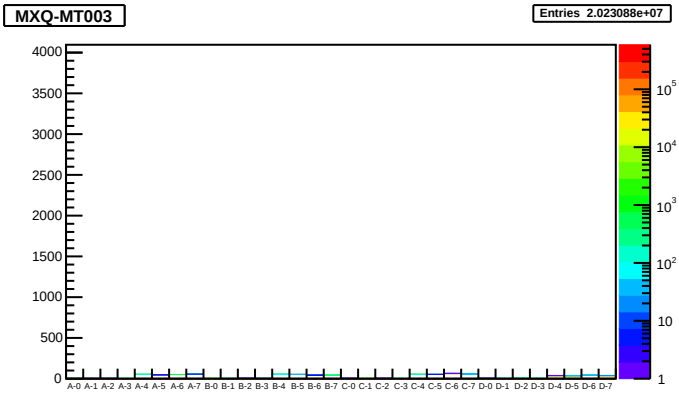

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

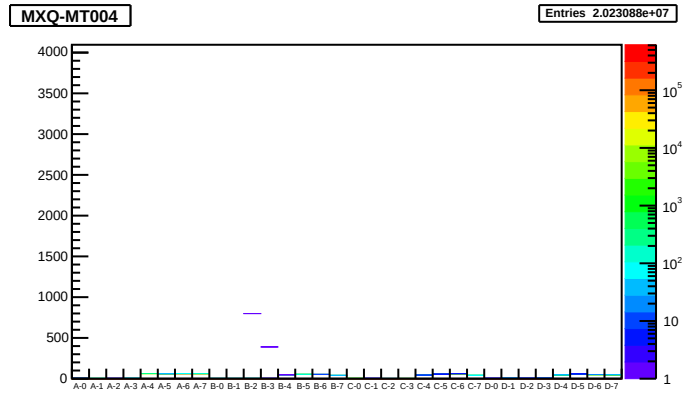

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1896645
632214
632215
632215
Hit
Cosmic-Ray
Timed-Cosmic-Ray

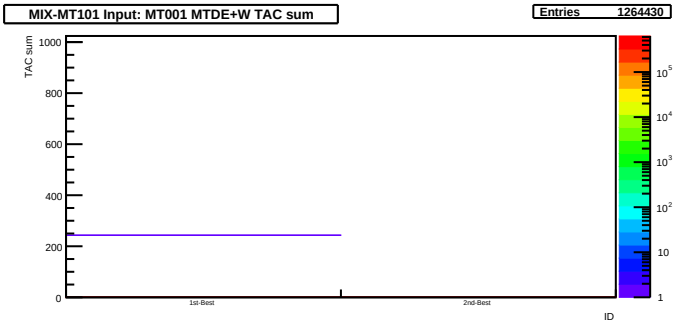

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 1
Hit
Cosmic-Ray
Timed-Cosmic-Ray

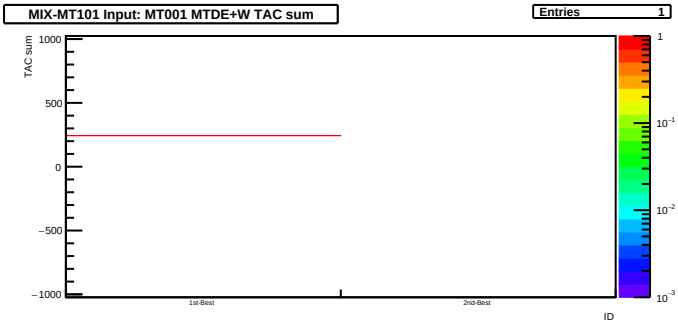

MXQ-MT001
Entries 2.023088e+07

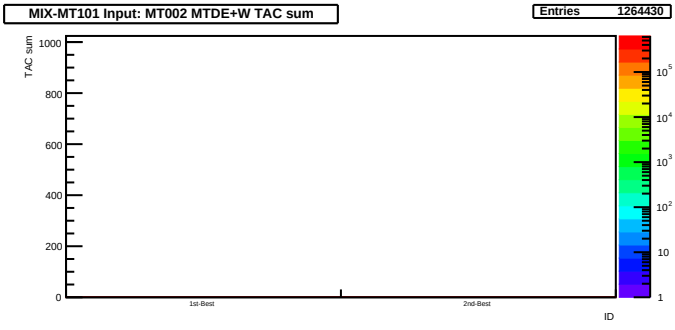

MXQ-MT002
Entries 2.023088e+07

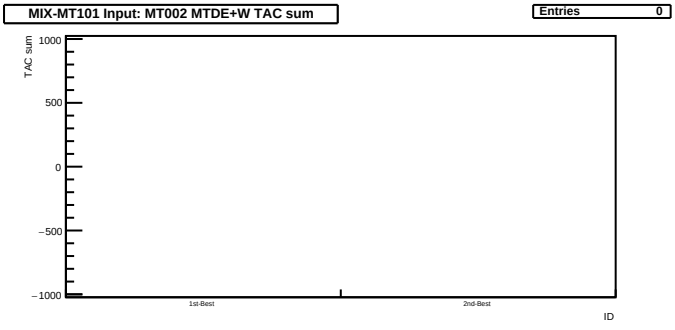

MXQ-MT003
Entries 2.023088e+07

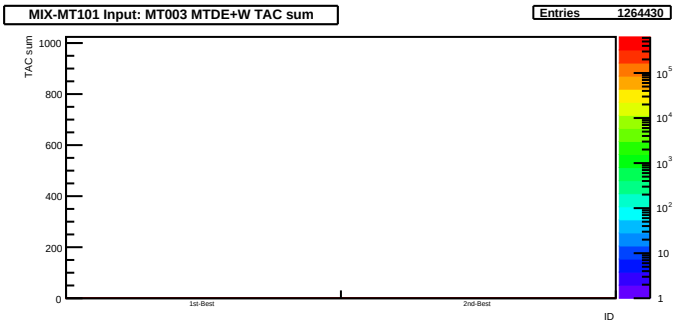

MXQ-MT004
Entries 2.023088e+07

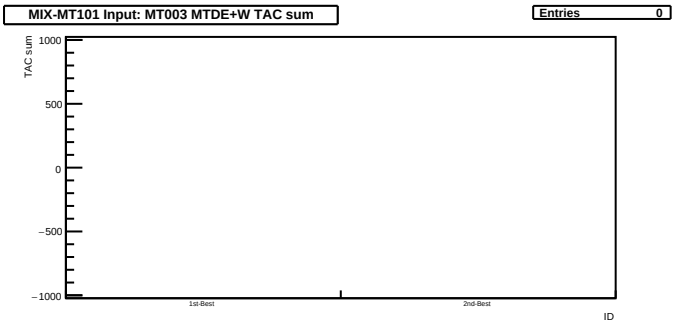

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1264430
TAC sum
1st-Best
2nd-Best
ID

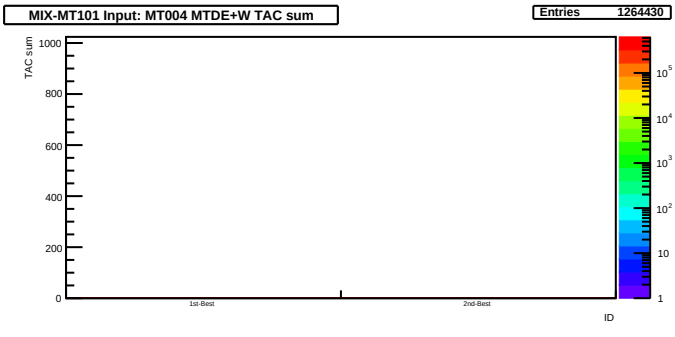

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1
TAC sum
1st-Best
2nd-Best
ID

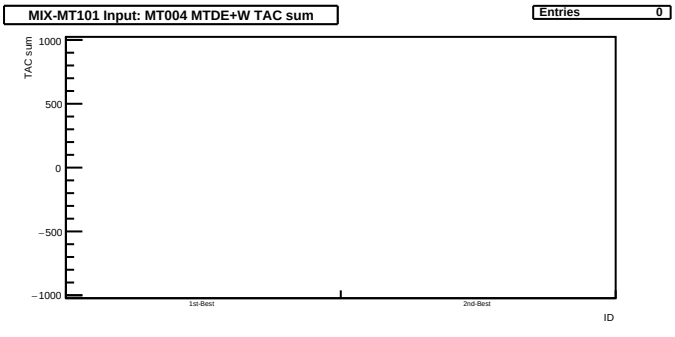

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1264430
TAC sum
1st-Best
2nd-Best
ID

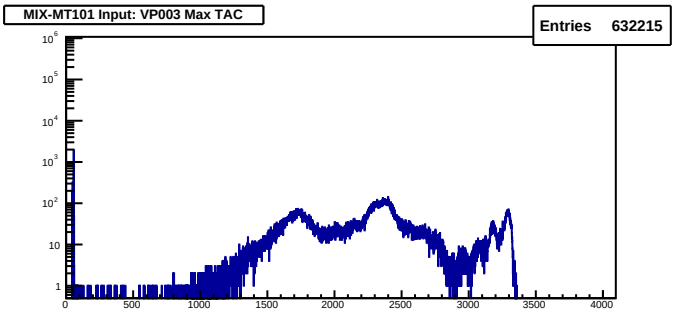

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

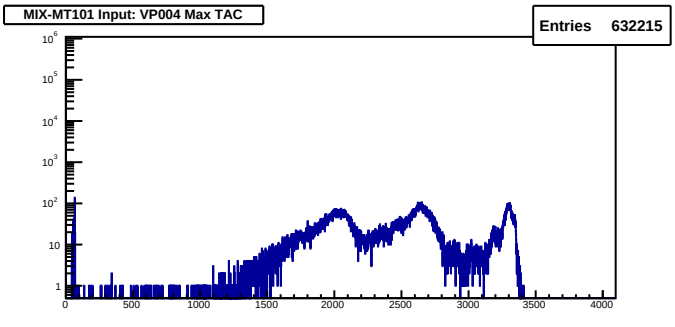

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1264430
TAC sum
1st-Best
2nd-Best
ID

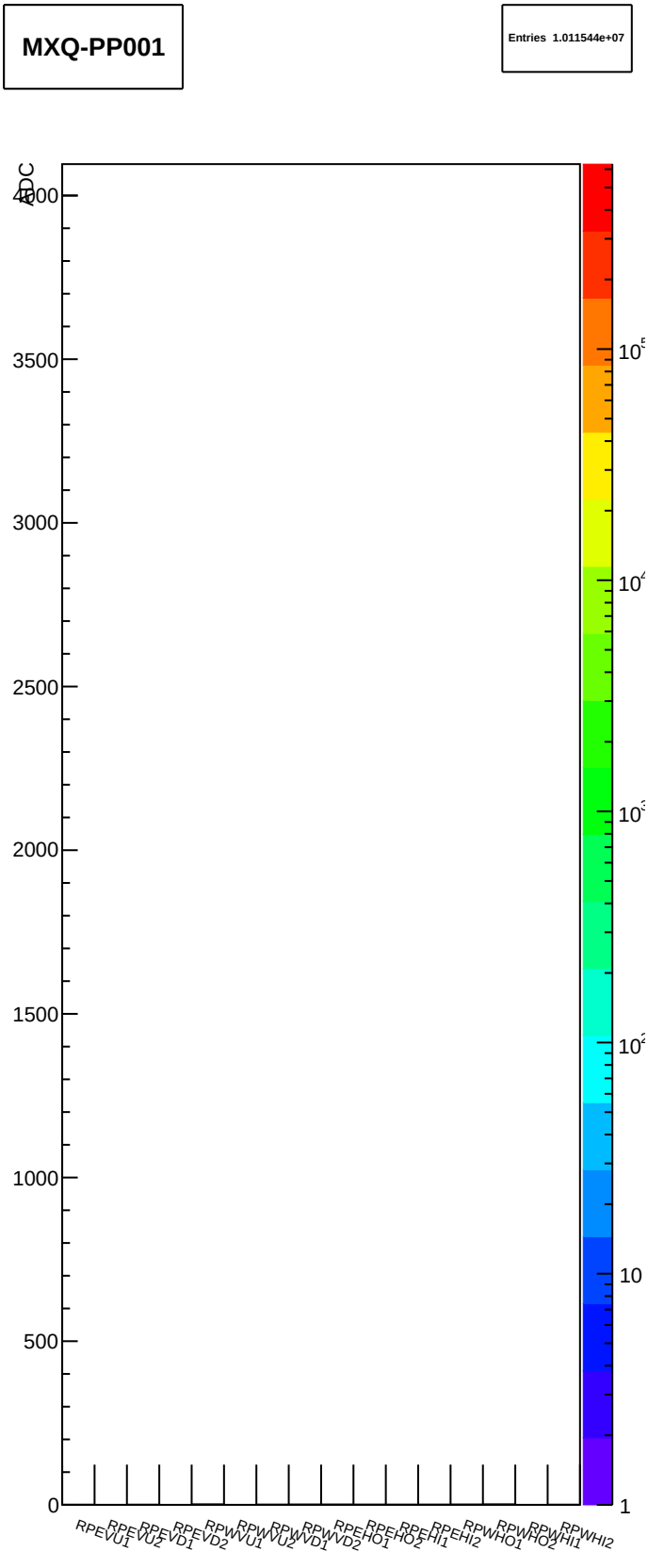

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

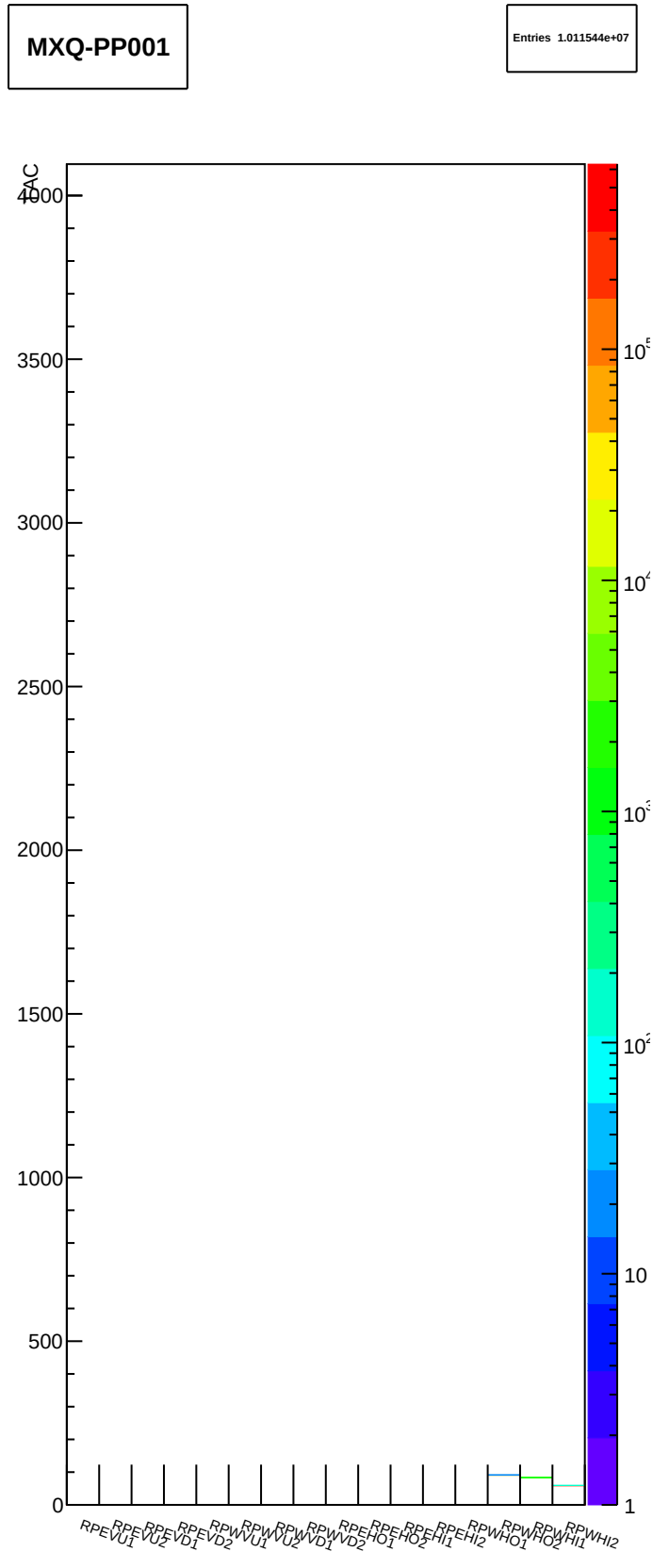

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1264430
TAC sum
1st-Best
2nd-Best
ID

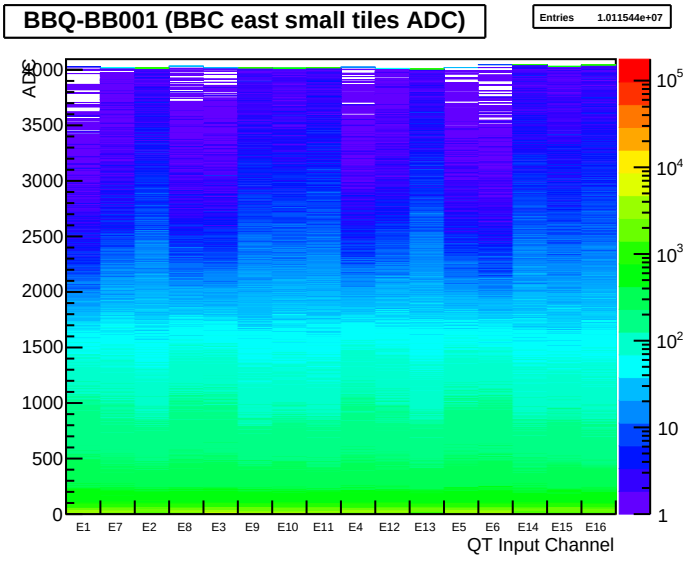

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

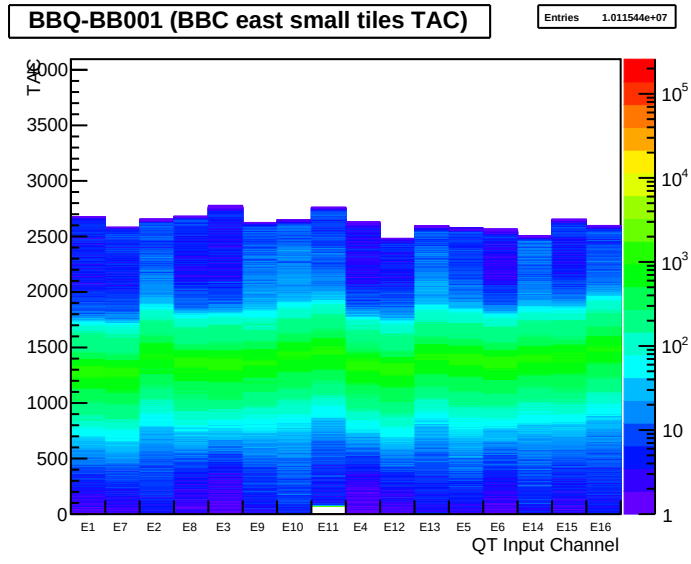

MIX-MT101 Input: VP003 Max TAC
Entries 632215

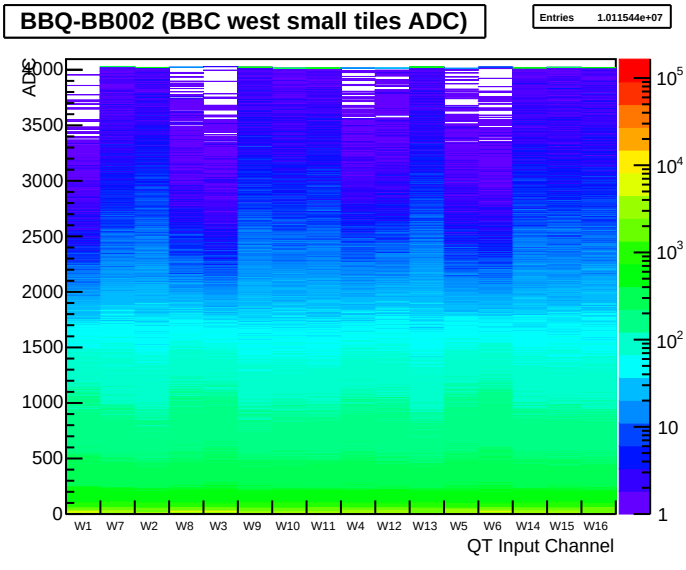

MIX-MT101 Input: VP004 Max TAC
Entries 632215

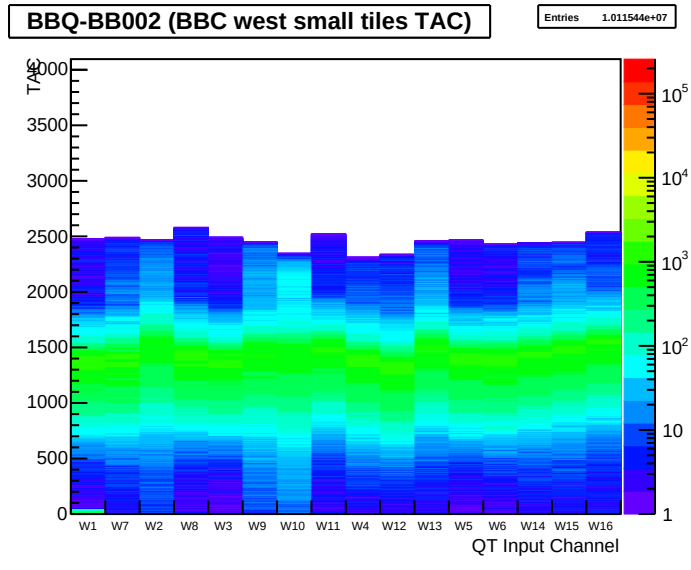

MXQ-PP001
Entries 1.011544e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

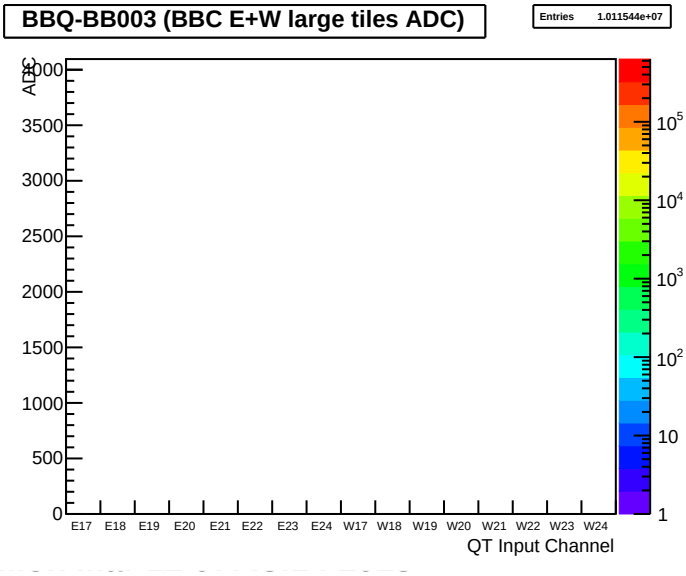

MXQ-PP001
Entries 1.011544e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

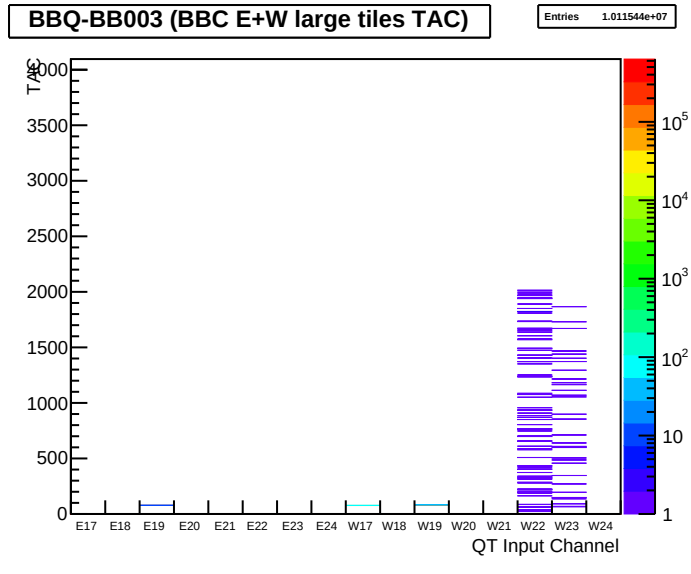

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.011544e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

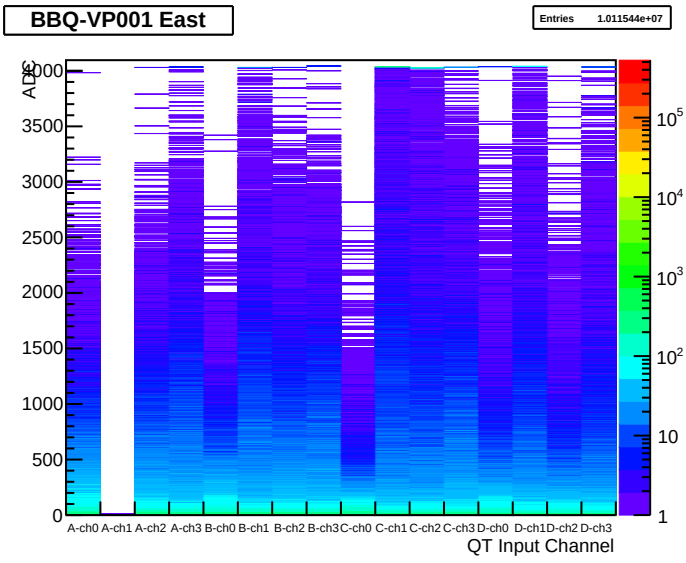

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.011544e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

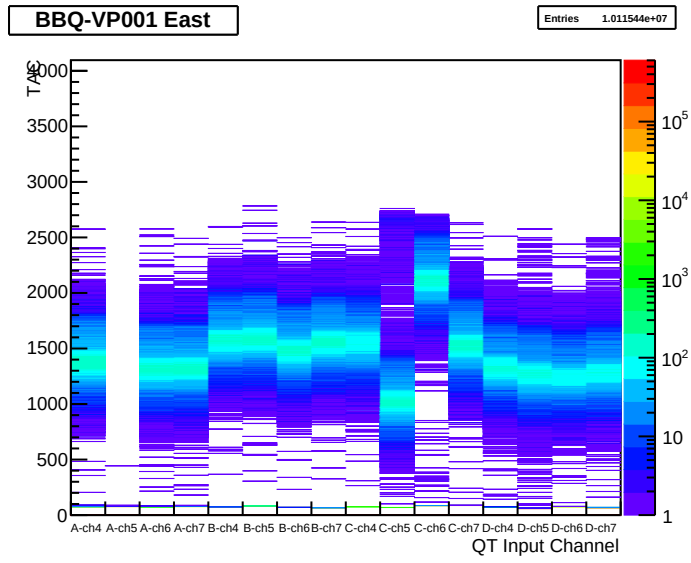

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.011544e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

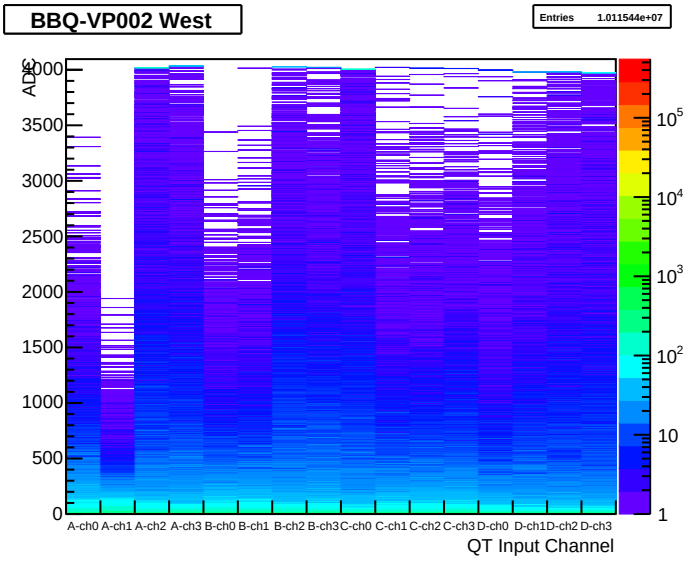

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.011544e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

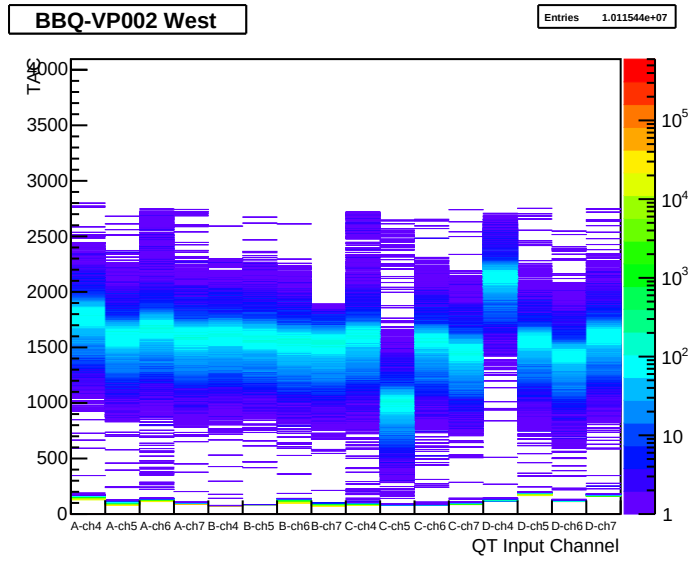

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.011544e+07
ADC
QT Input Channel
E17 E18 E19 E20 E21 E22 E23 E24 W17 W18 W19 W20 W21 W22 W23 W24

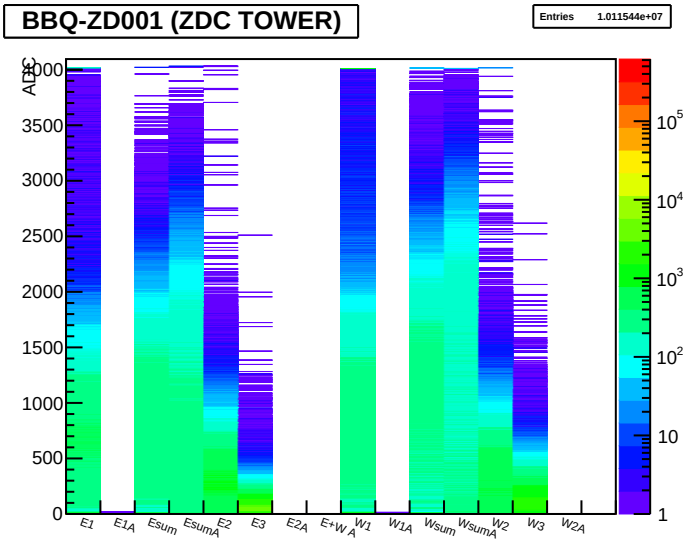

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.011544e+07
TAC
QT Input Channel
E17 E18 E19 E20 E21 E22 E23 E24 W17 W18 W19 W20 W21 W22 W23 W24

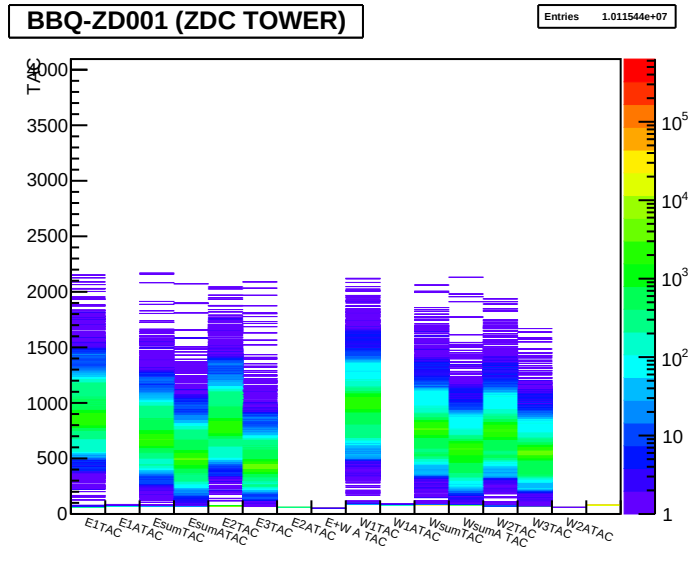

BBQ-VP001 East
Entries 1.011544e+07
ADC
QT Input Channel

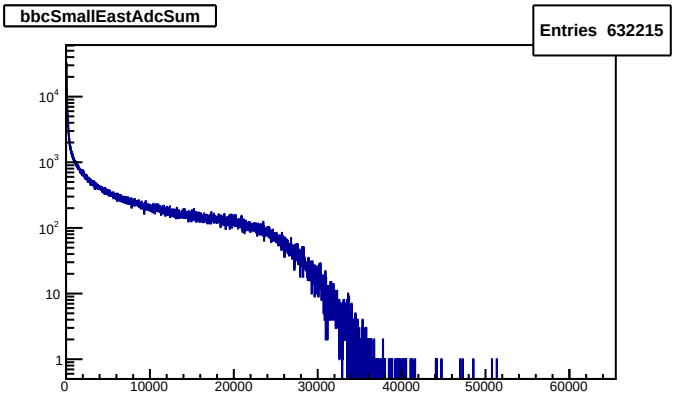

BBQ-VP001 East
Entries 1.011544e+07
TAC
QT Input Channel

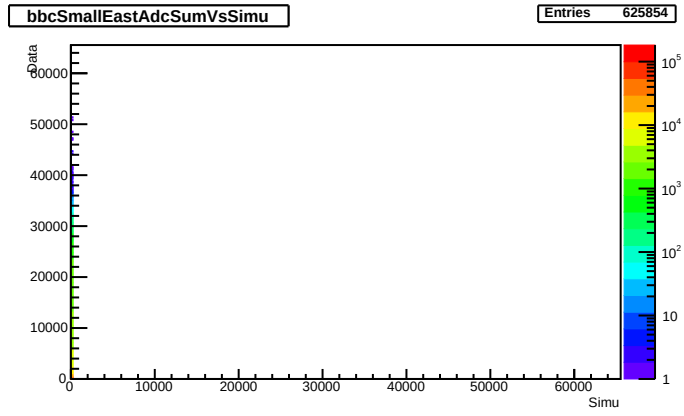

BBQ-VP002 West
Entries 1.011544e+07
ADC
QT Input Channel

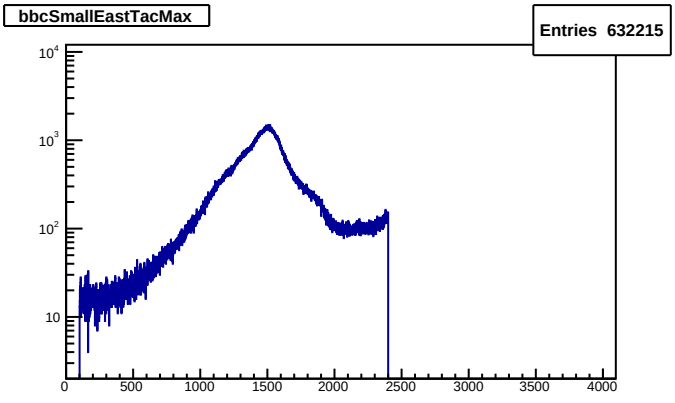

BBQ-VP002 West
Entries 1.011544e+07
TAC
QT Input Channel

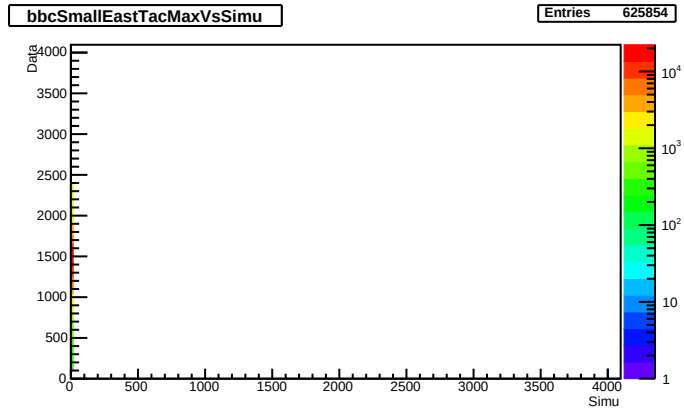

BBQ-ZD001 (ZDC TOWER)
Entries 1.011544e+07
ADC

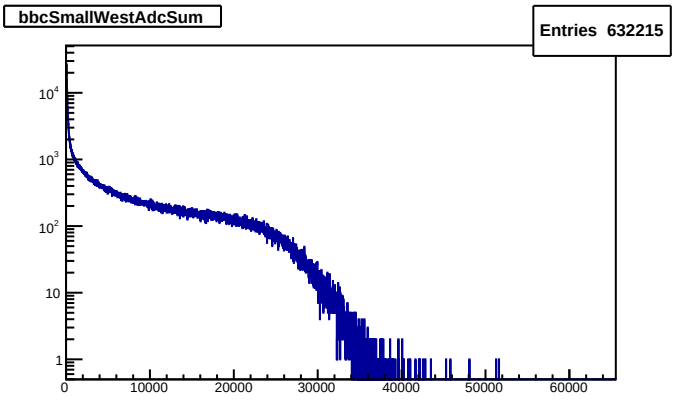

BBQ-ZD001 (ZDC TOWER)
Entries 1.011544e+07
TAC

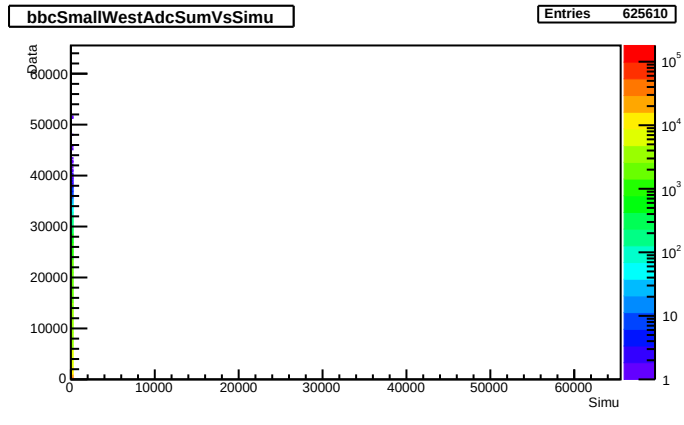

bbcSmallEastAdcSum
Entries 632215

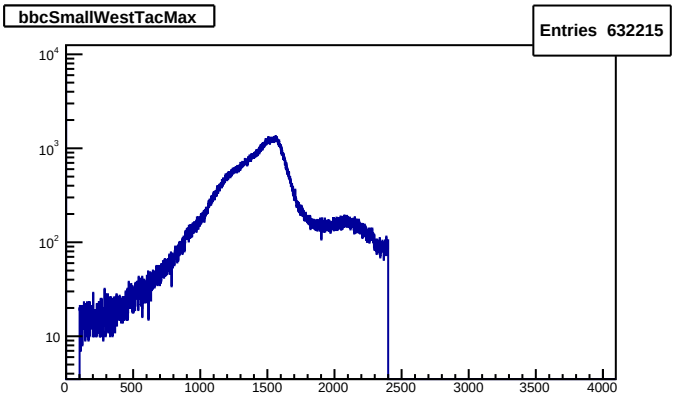

bbcSmallEastAdcSumVsSimu
Entries 625854
Data
Simu

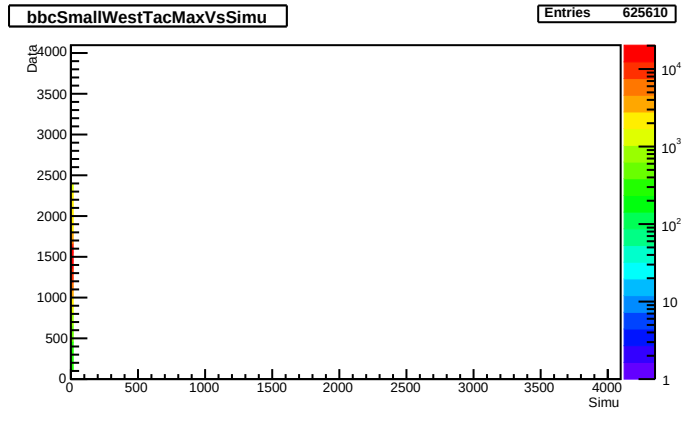

bbcSmallEastTacMax
Entries 632215

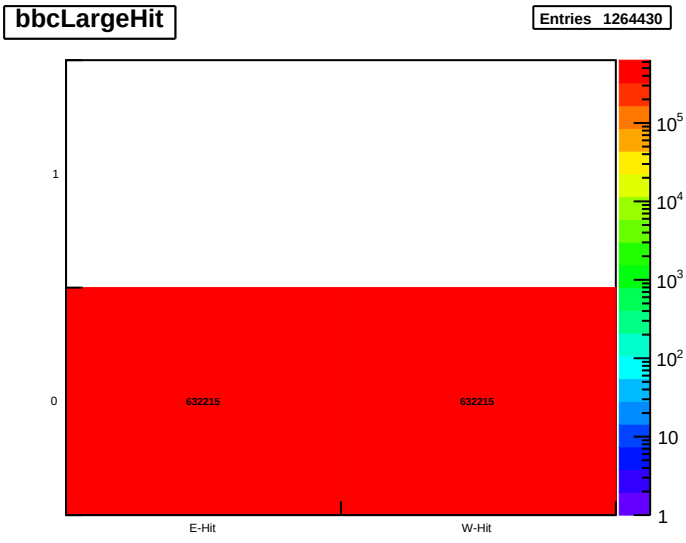

bbcSmallEastTacMaxVsSimu
Entries 625854
Data
Simu

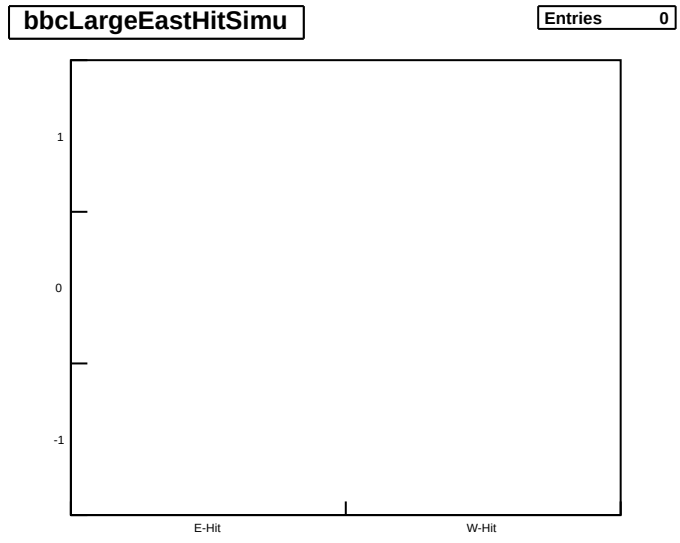

bbcSmallWestAdcSum
Entries 632215

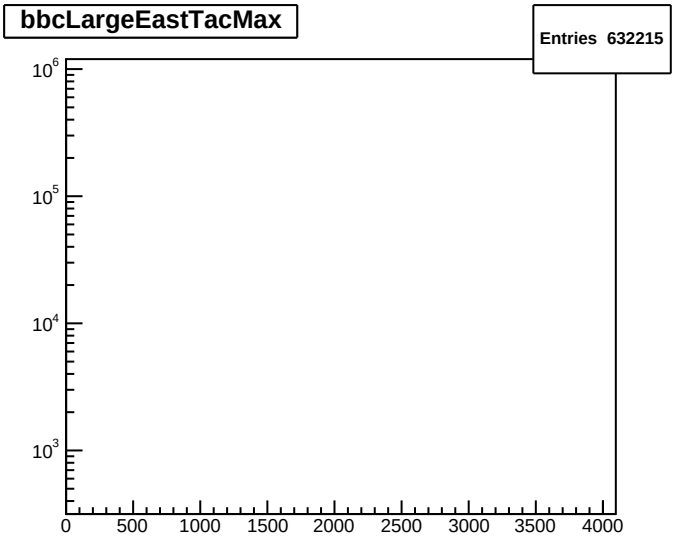

bbcSmallWestAdcSumVsSimu
Entries 625610
Data
Simu

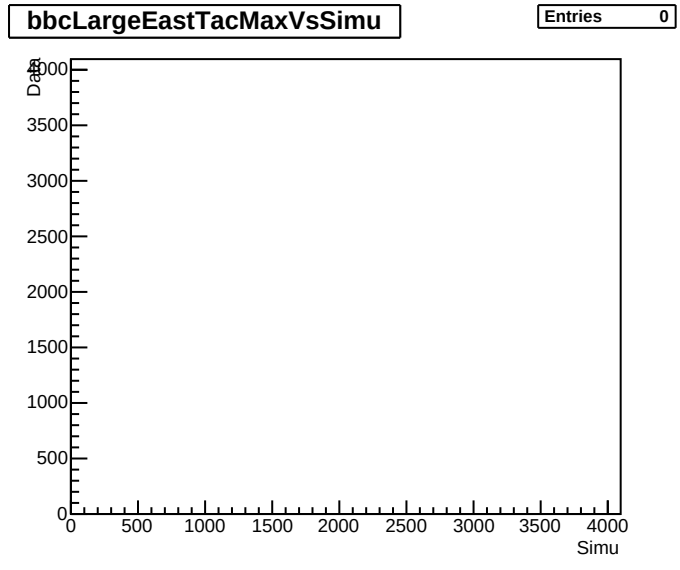

bbcSmallWestTacMax
Entries 632215

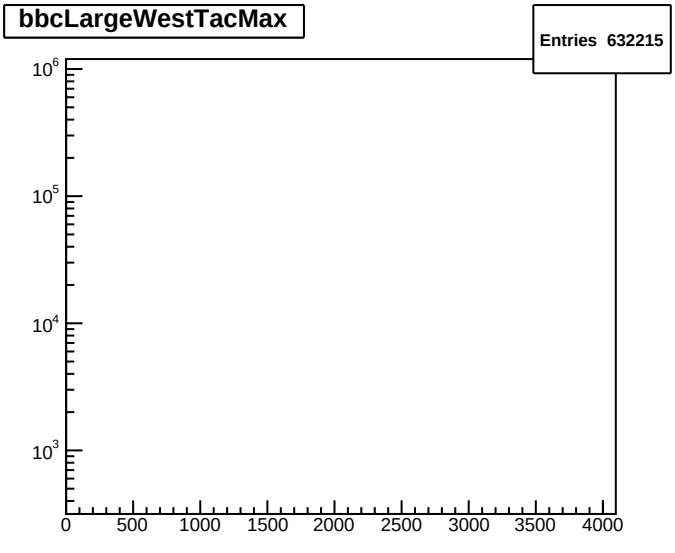

bbcSmallWestTacMaxVsSimu
Entries 625610
Data
Simu

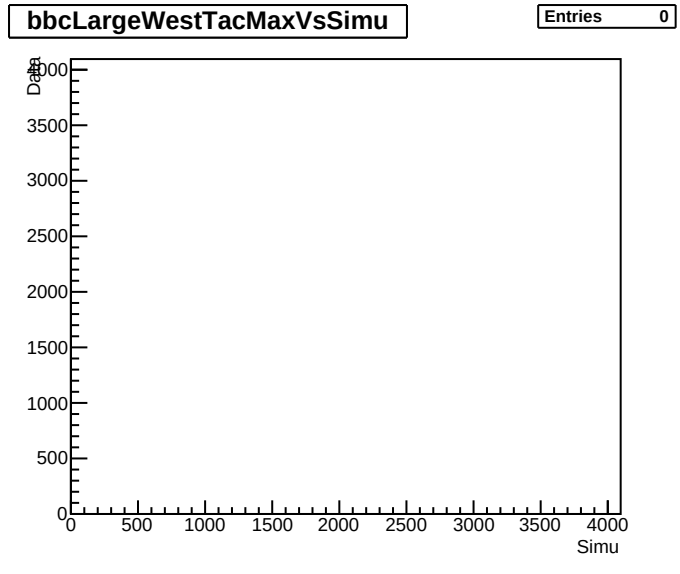

bbcLargeHit
Entries 1264430
632215
632215
E-Hit
W-Hit

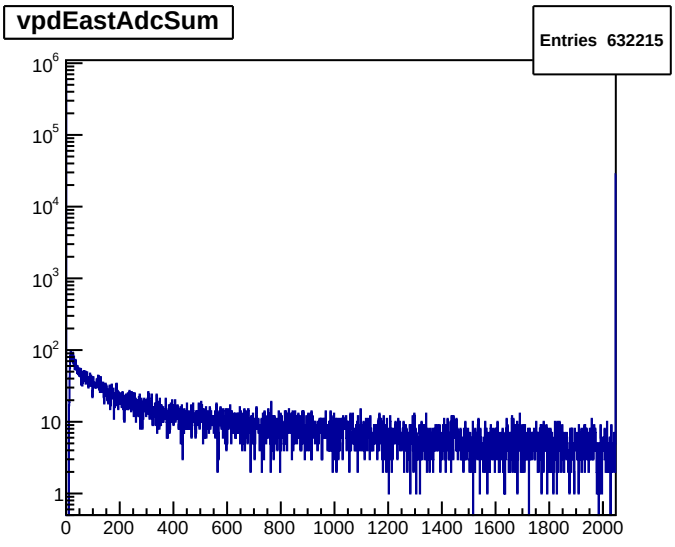

bbcLargeEastHitSimu
Entries 0
E-Hit
W-Hit

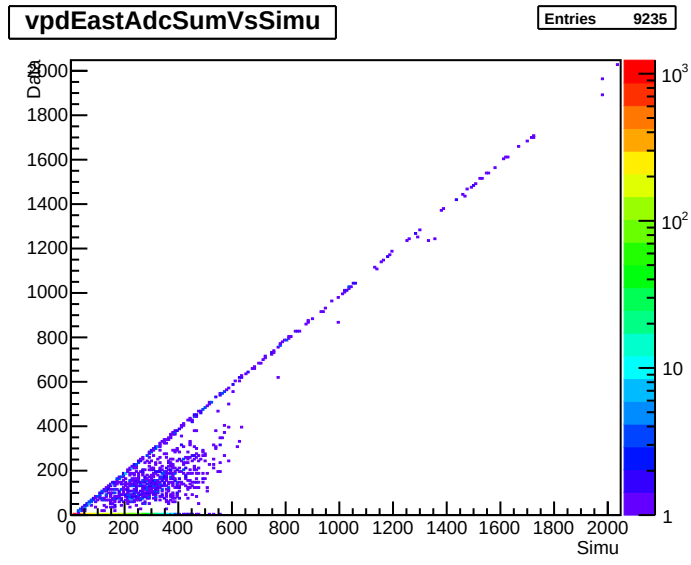

bbcLargeEastTacMax
Entries 632215

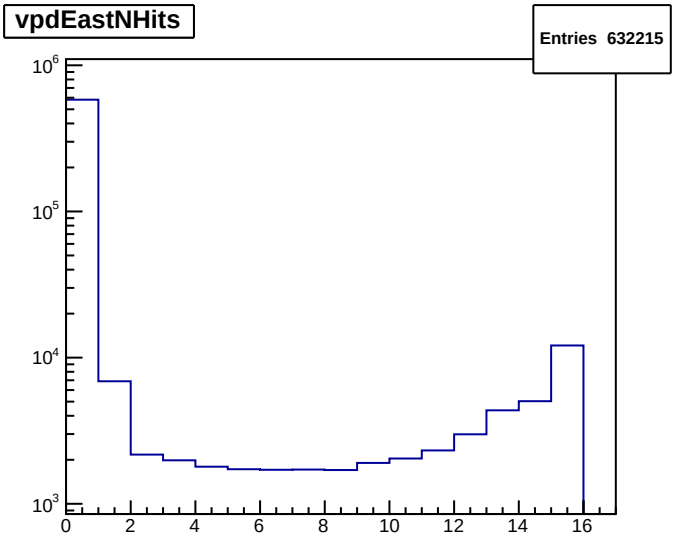

bbcLargeEastTacMaxVsSimu
Entries 0
Data
Simu

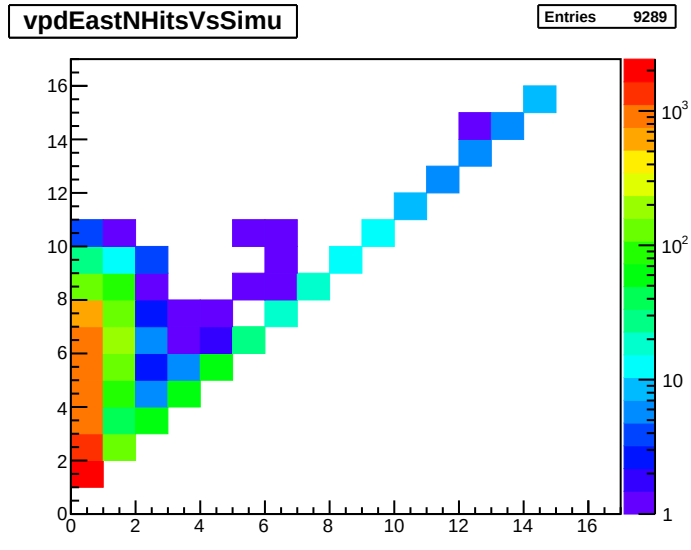

bbcLargeWestTacMax
Entries 632215

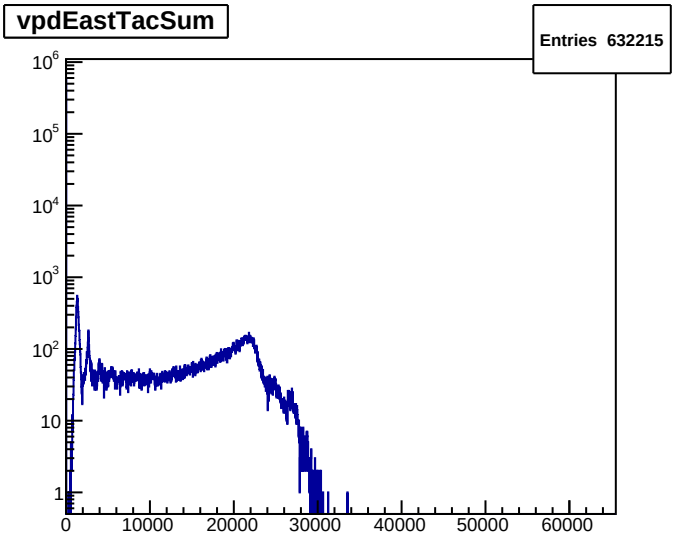

bbcLargeWestTacMaxVsSimu
Entries 0
Data
Simu

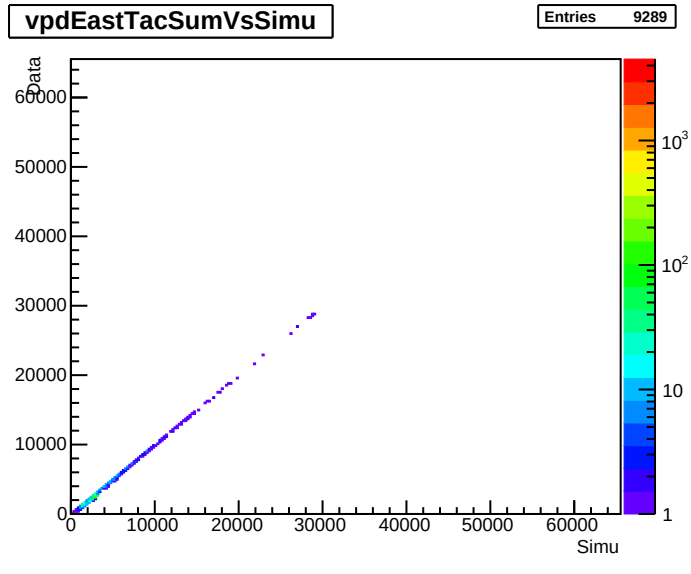

vpdEastAdcSum
Entries 632215

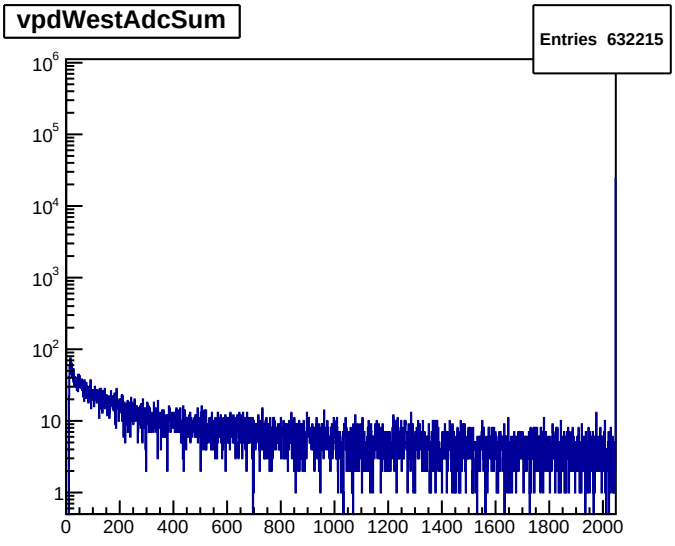

vpdEastAdcSumVsSimu
Entries 9235
Data
Simu

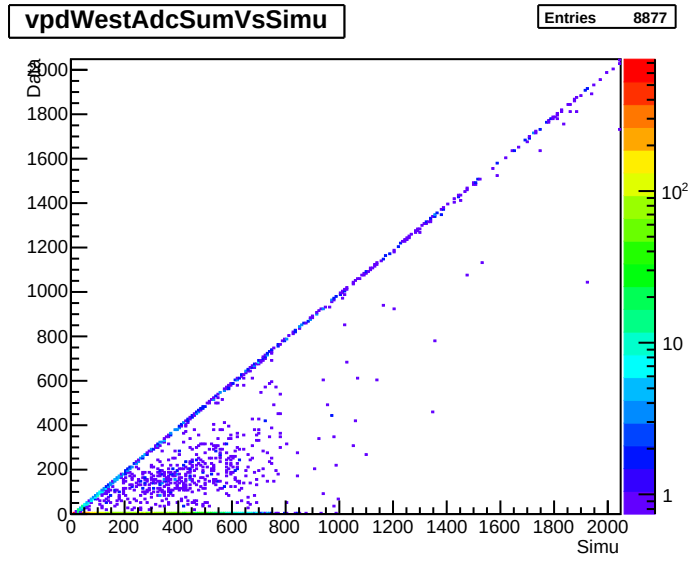

vpdEastNHits
Entries 632215

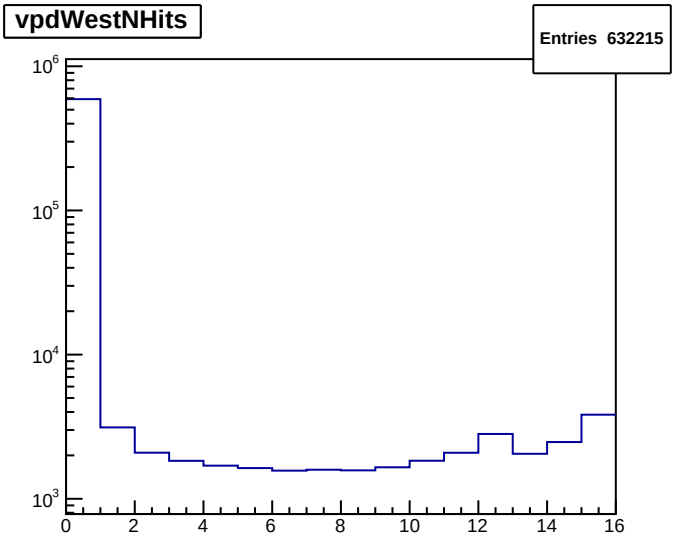

vpdEastNHitsVsSimu
Entries 9289

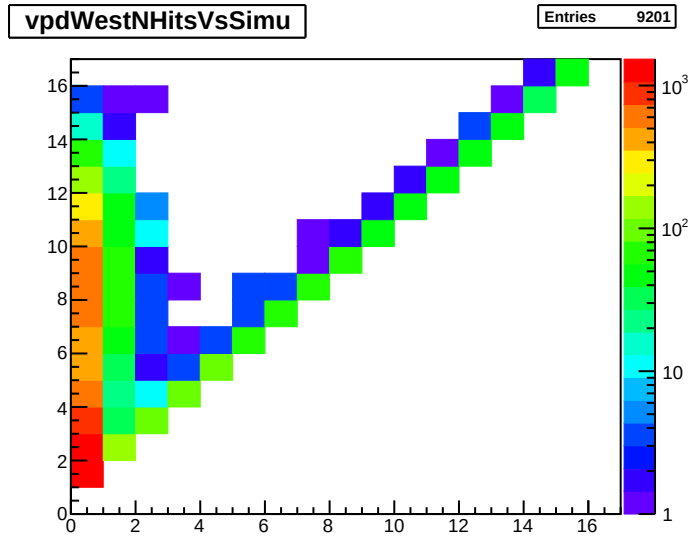

vpdEastTacSum
Entries 632215

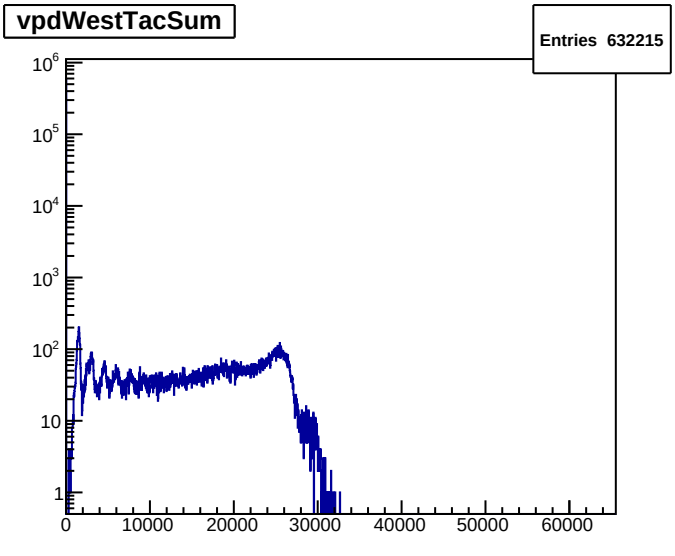

vpdEastTacSumVsSimu
Entries 9289
Data
Simu

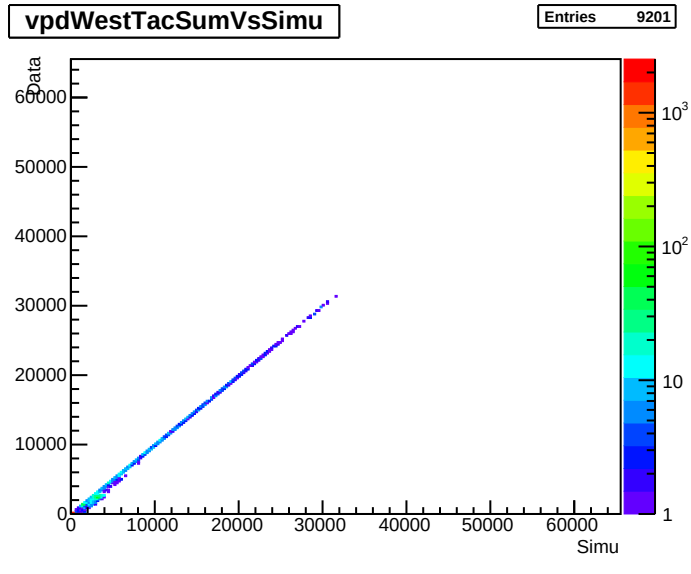

vpdWestAdcSum
Entries 632215

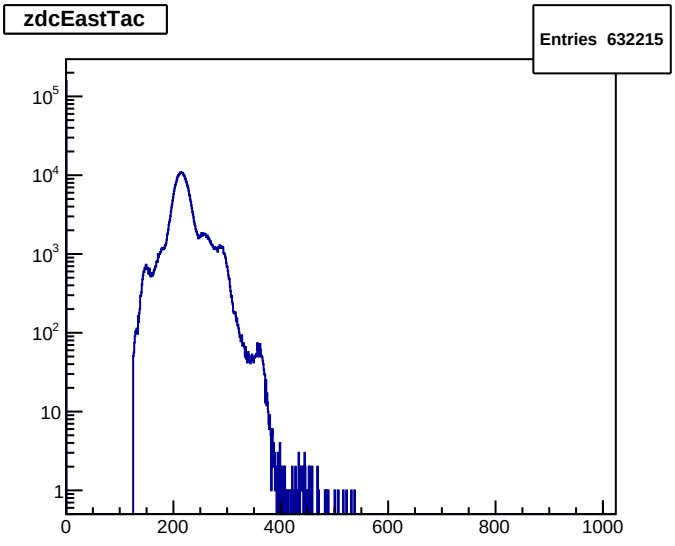

vpdWestAdcSumVsSimu
Entries 8877
Data
Simu

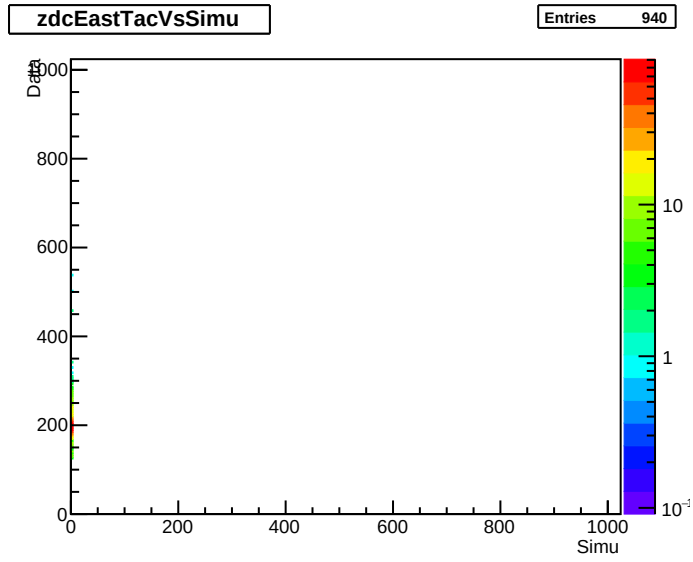

vpdWestNHits
Entries 632215

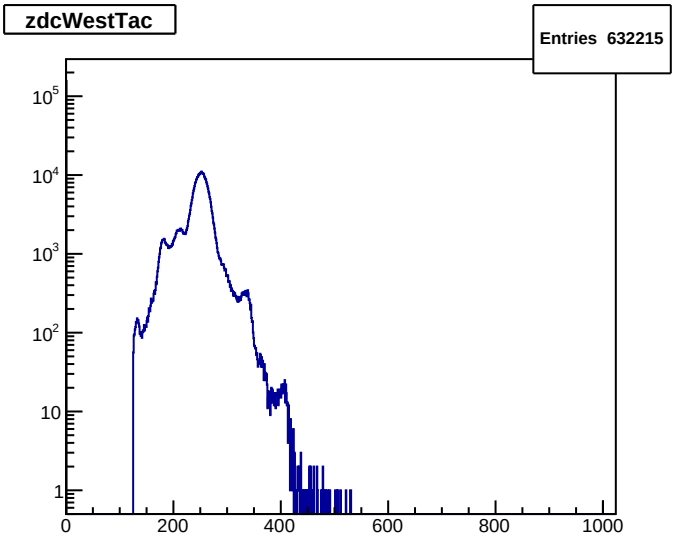

vpdWestNHitsVsSimu
Entries 9201

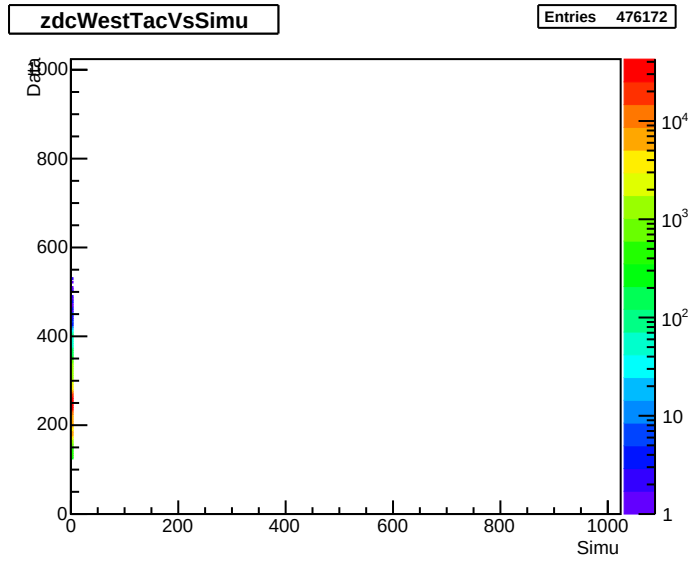

vpdWestTacSum
Entries 632215

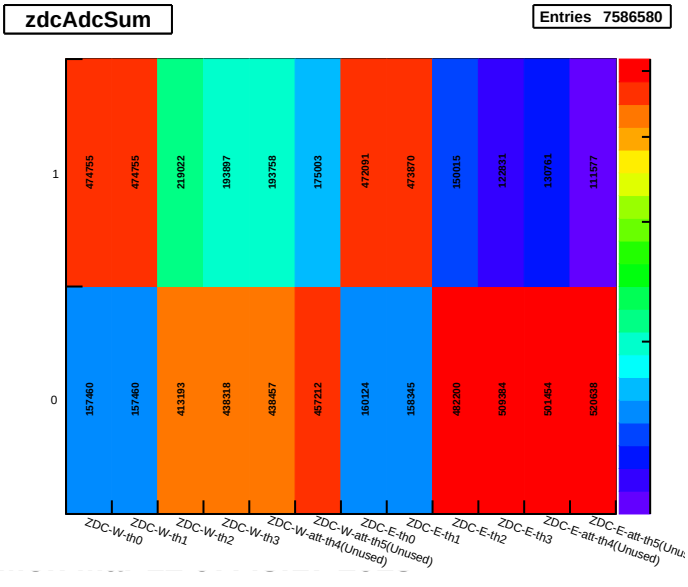

vpdWestTacSumVsSimu
Entries 9201
Data
Simu

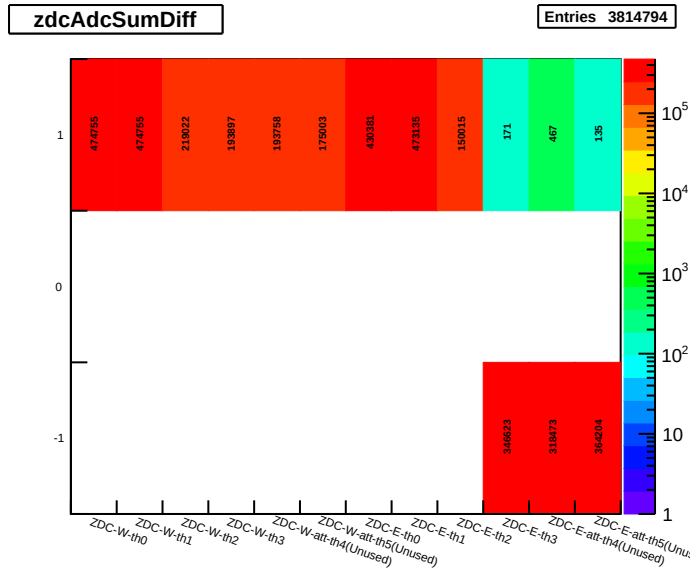

zdcEastTac
Entries 632215

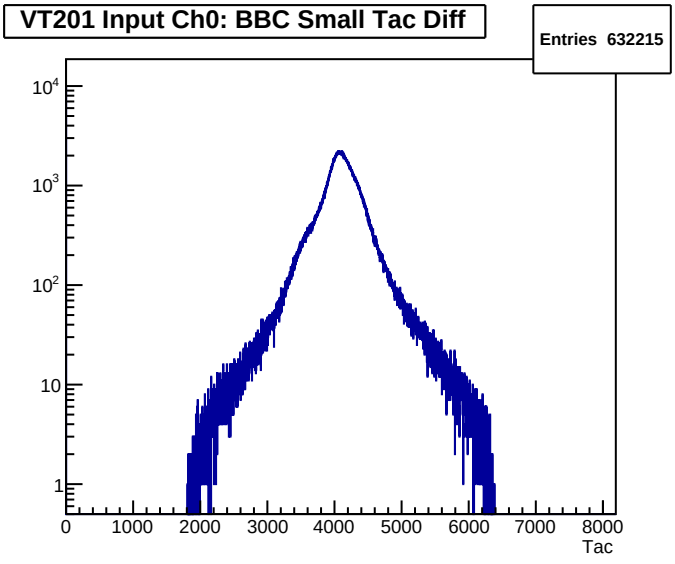

zdcEastTacVsSimu
Entries 940
Data
Simu

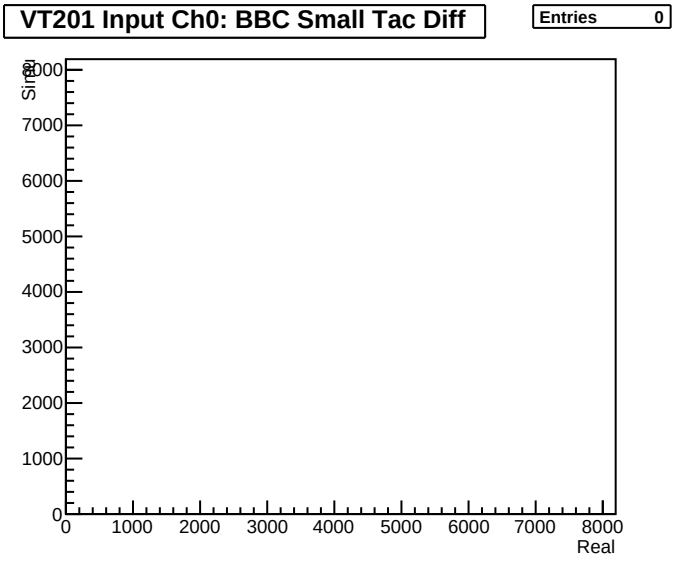

zdcWestTac
Entries 632215

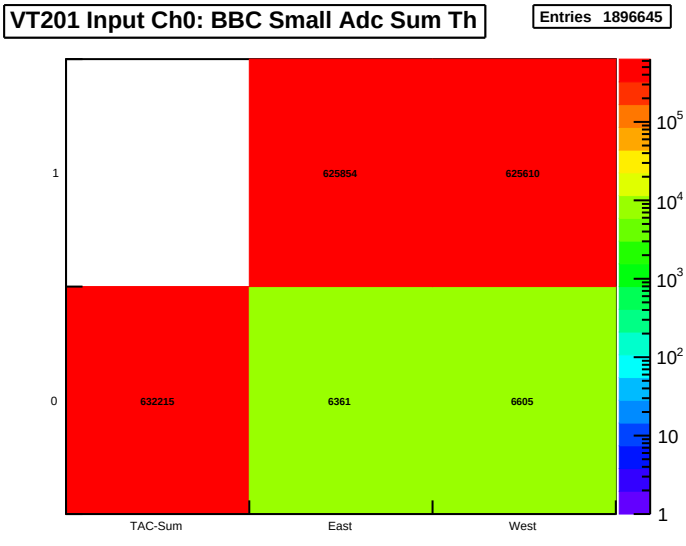

zdcWestTacVsSimu
Entries 476172
Data
Simu

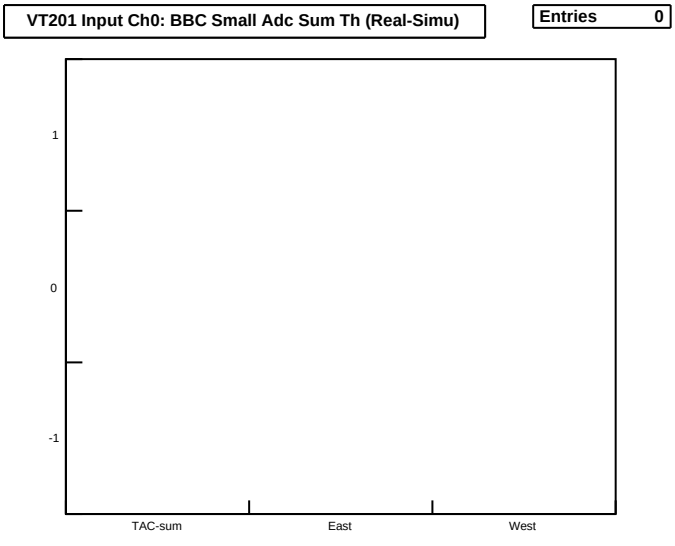

zdcAdcSum
Entries 7586580
474755
474755
219022
193897
193758
175003
472091
473870
150015
122831
130761
111577
157460
157460
413193
438318
438457
457212
160124
158345
482200
509384
501454
520638
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

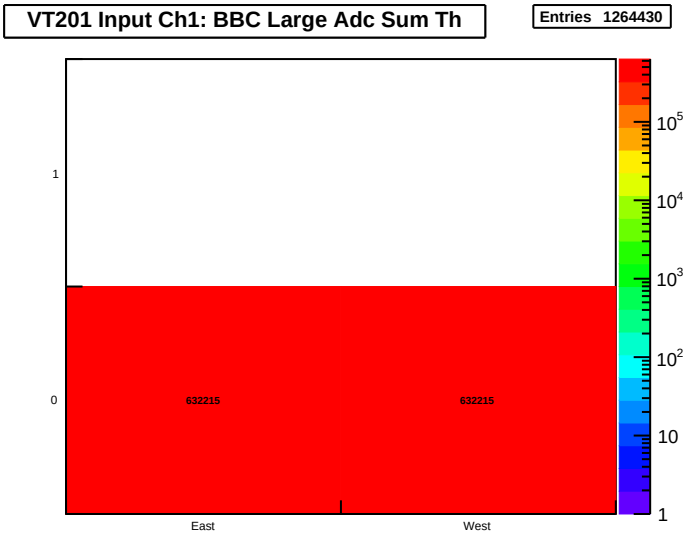

zdcAdcSumDiff
Entries 3814794
474755
474755
219022
193897
193758
175003
430381
473135
150015
171
467
135
346623
318473
364204
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

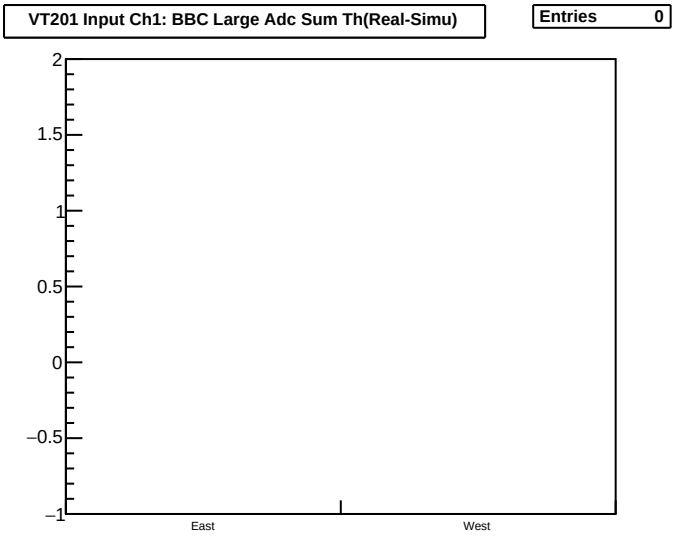

VT201 Input Ch0: BBC Small Tac Diff
Entries 632215
Tac


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

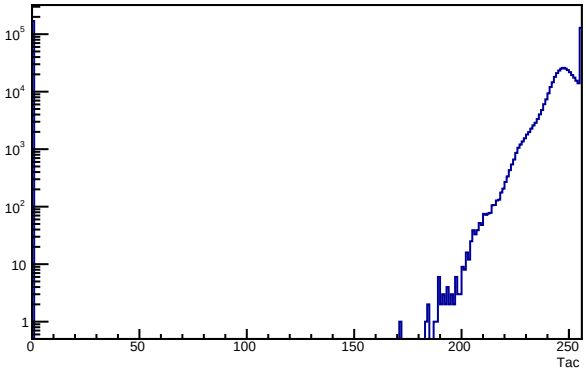

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1896645
625854
625610
632215
6361
6605
TAC-Sum
East
West


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

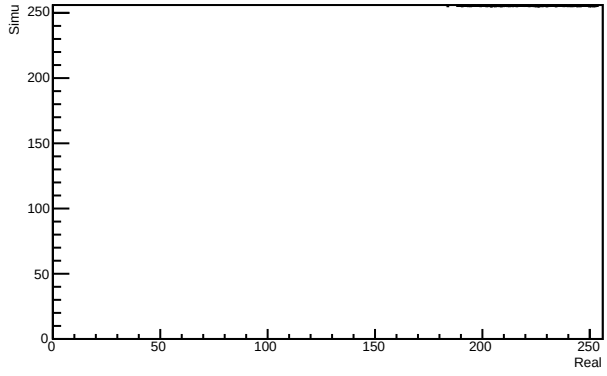

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1264430
632215
632215
East
West


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

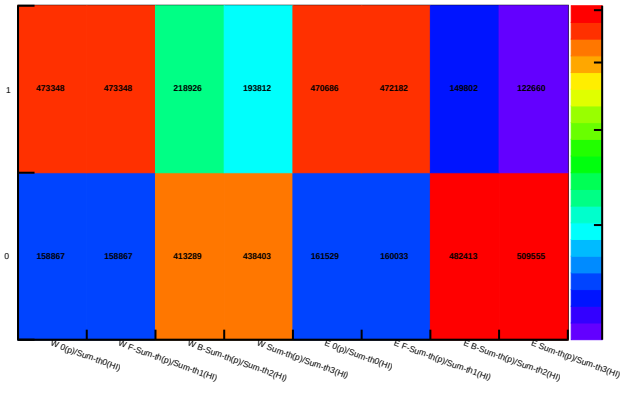
VT201 Input Ch2: ZDC Tac Diff



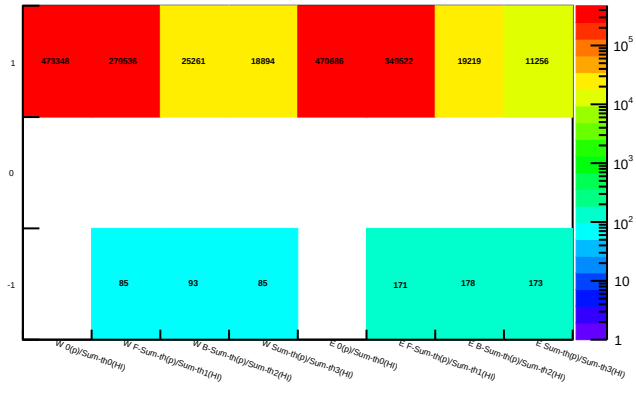
VT201 Input Ch2: ZDC Tac Diff



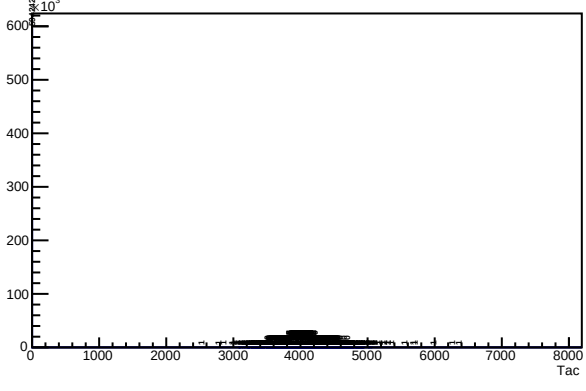
VT201 Input Ch2: ZDC Adc Sum Th



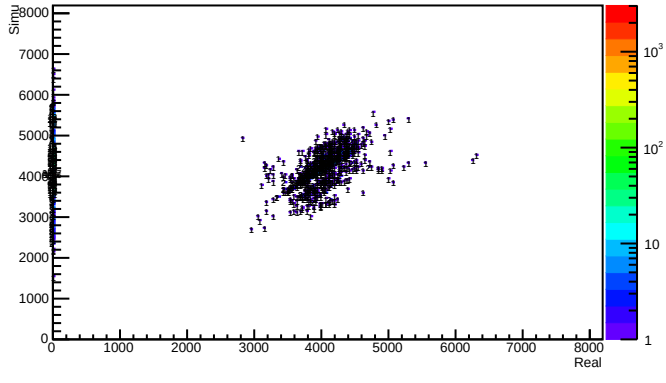
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



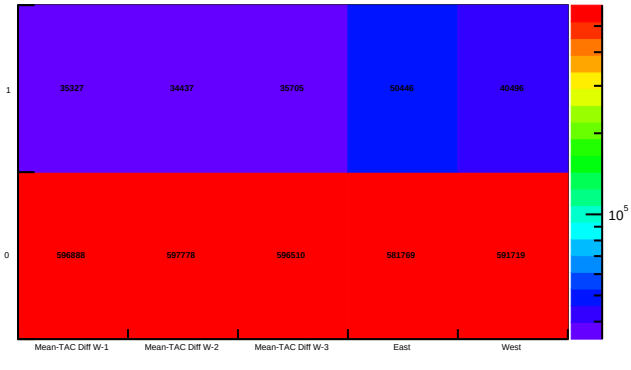
VT201 Input Ch4: VPD Tac Diff



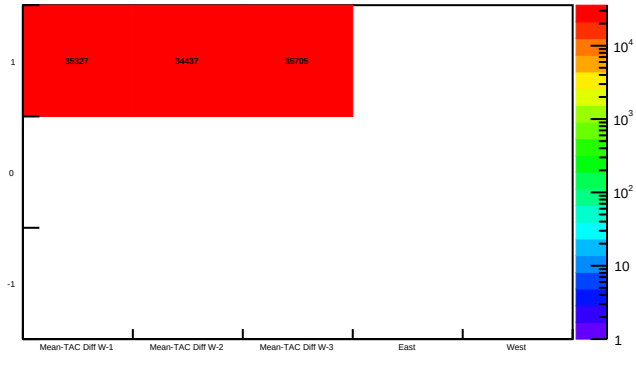
VT201 Input Ch4: VPD Tac Diff

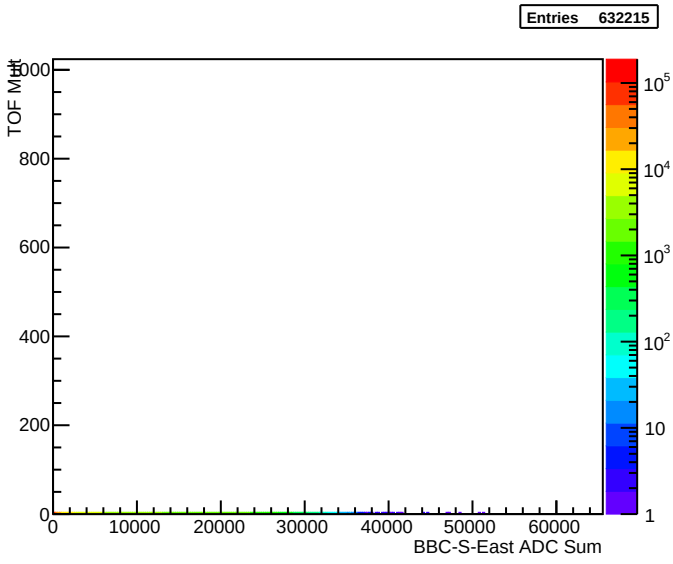


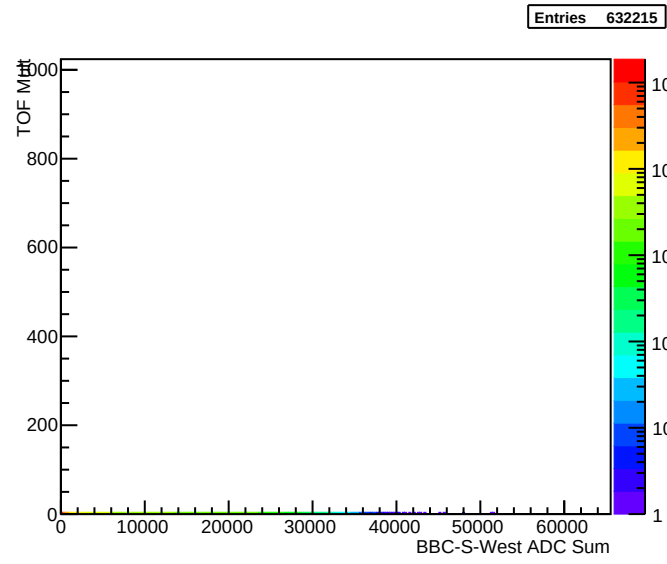
VT201 Input Ch4: VPD Adc Sum Th

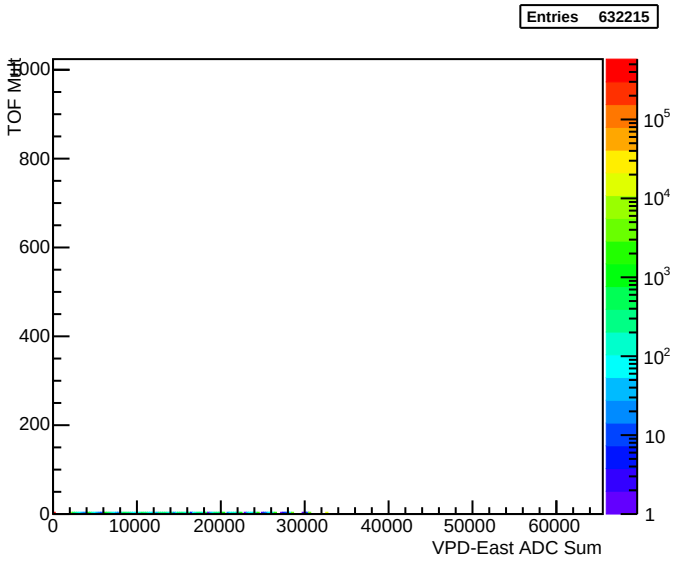


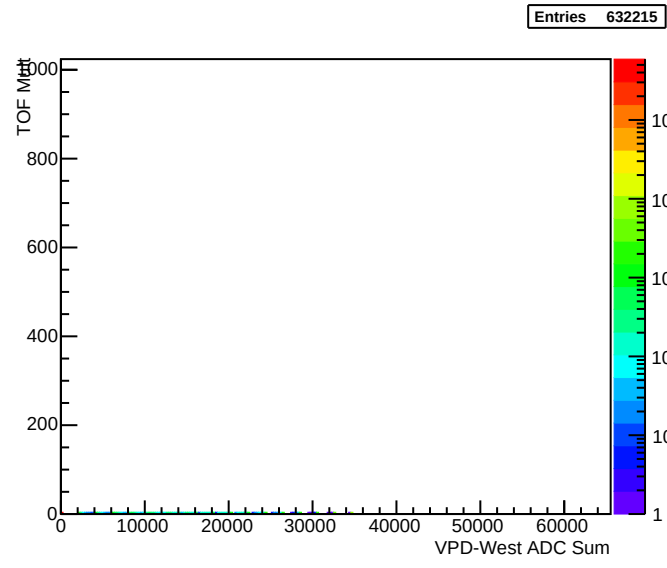
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

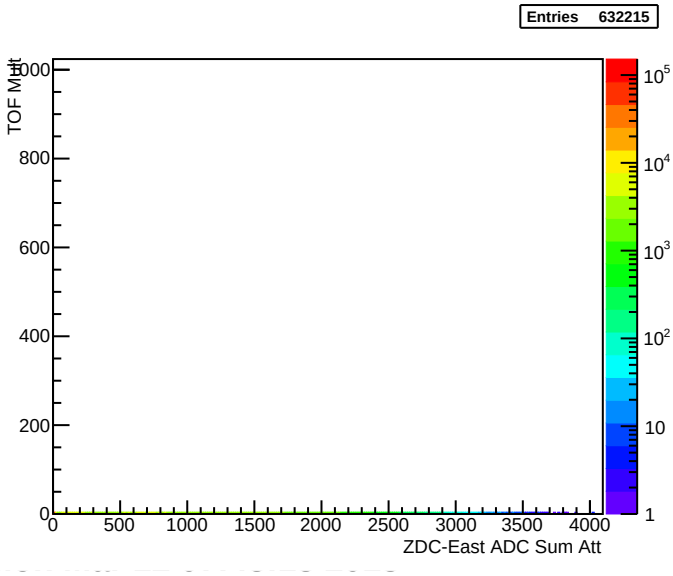


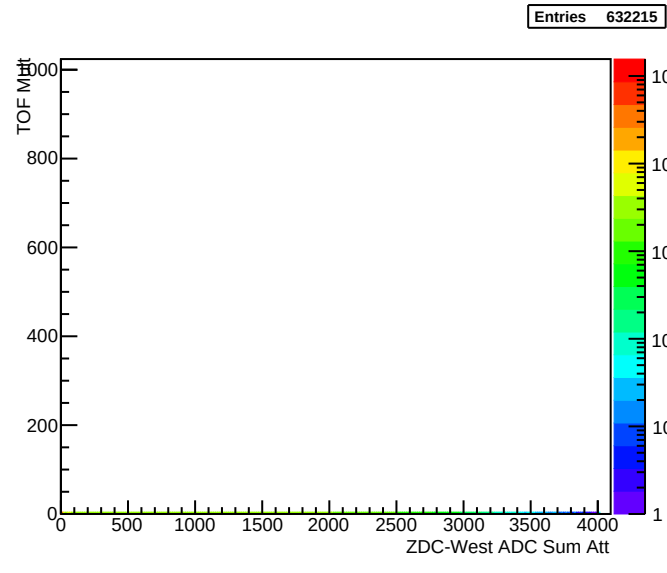

Entries 632215
TOF Mult
BBC-S-East ADC Sum

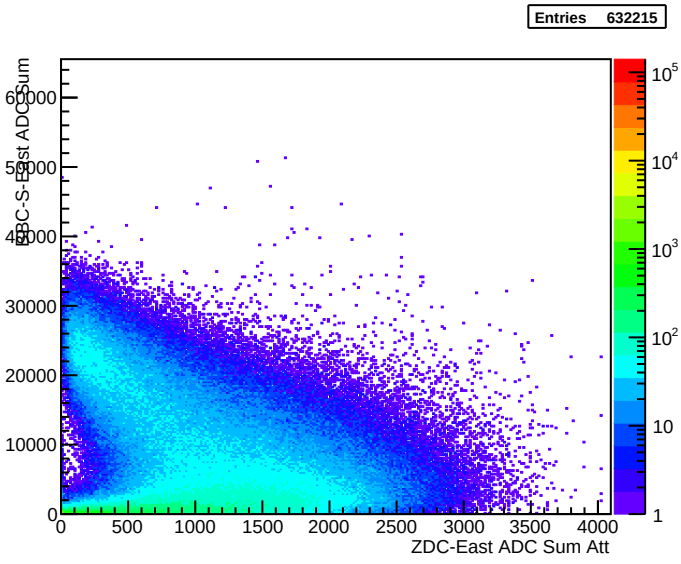

Entries 632215
TOF Mult
BBC-S-West ADC Sum

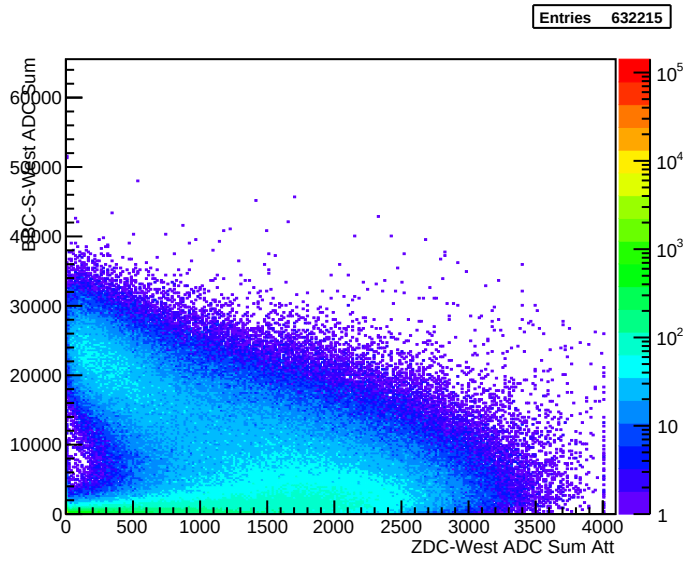

Entries 632215
TOF Mult
VPD-East ADC Sum

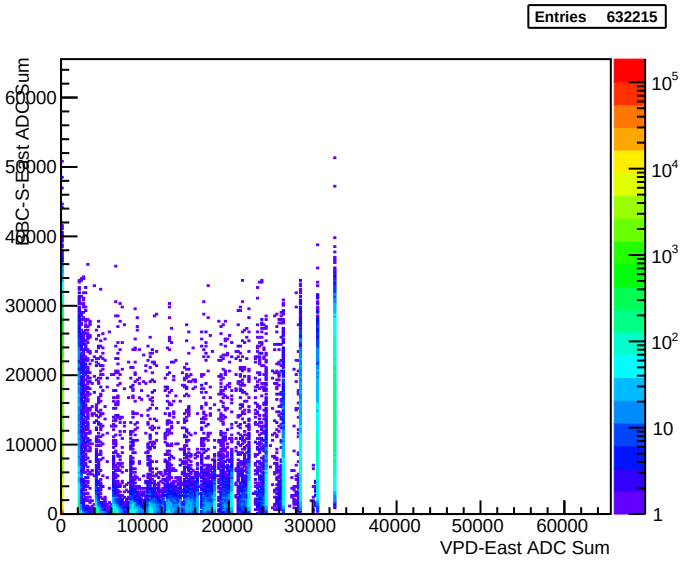

Entries 632215
TOF Mult
VPD-West ADC Sum

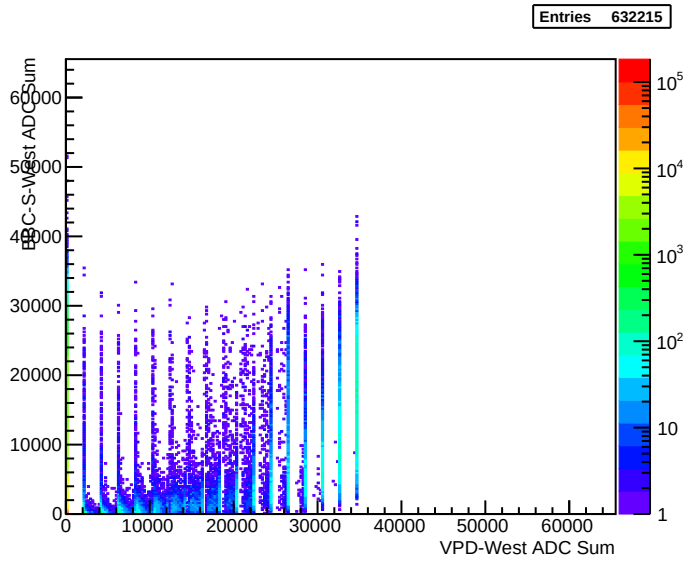

Entries 632215
TOF Mult
ZDC-East ADC Sum Att

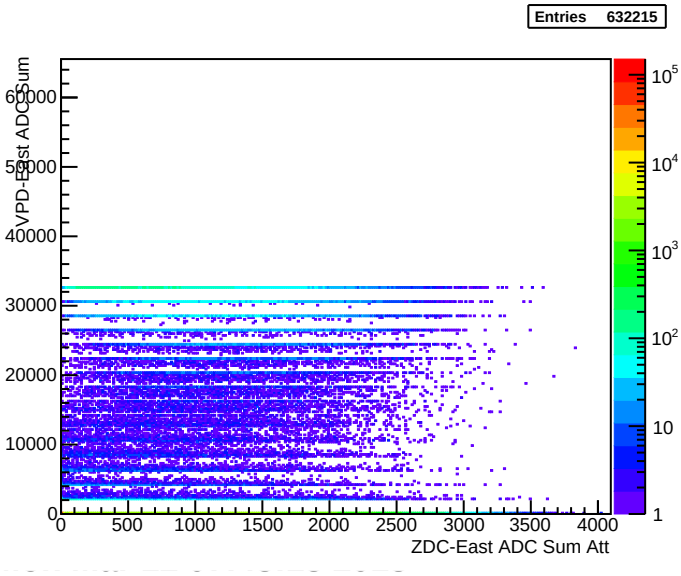

Entries 632215
TOF Mult
ZDC-West ADC Sum Att

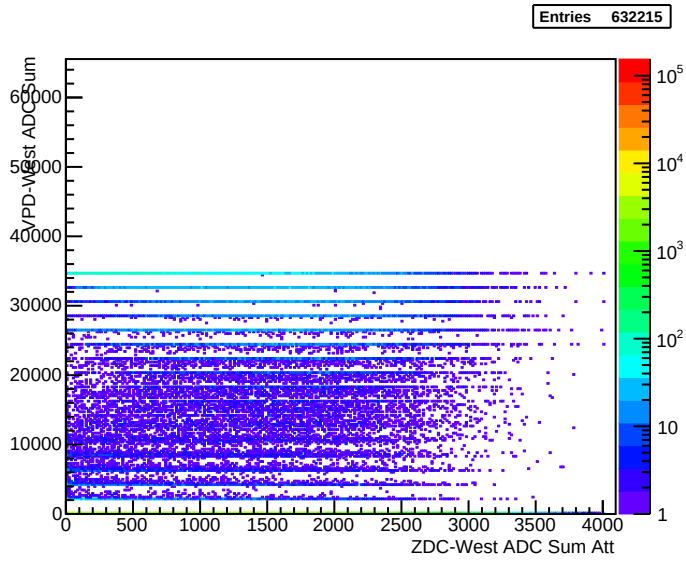

Entries 632215
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

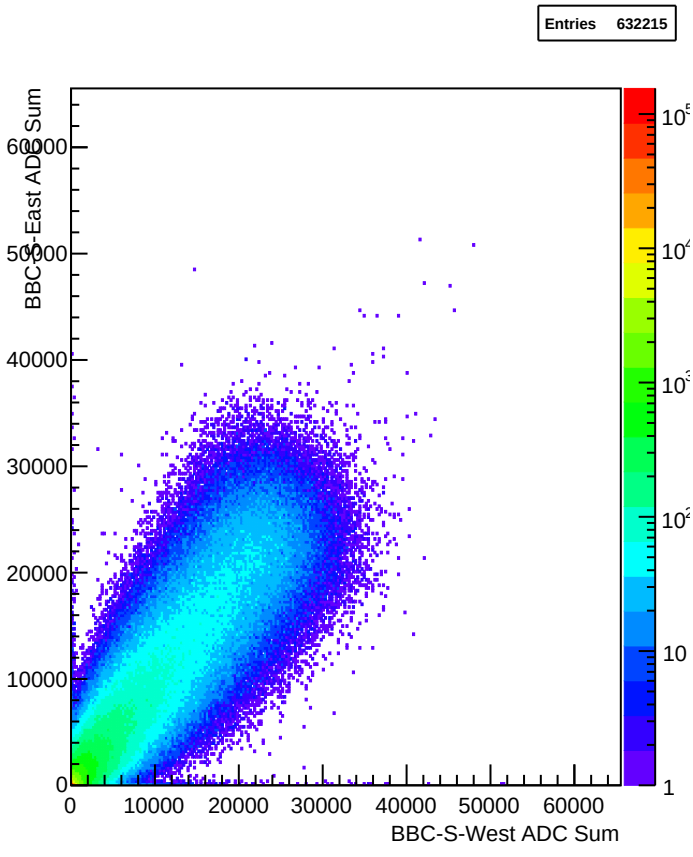

Entries 632215
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

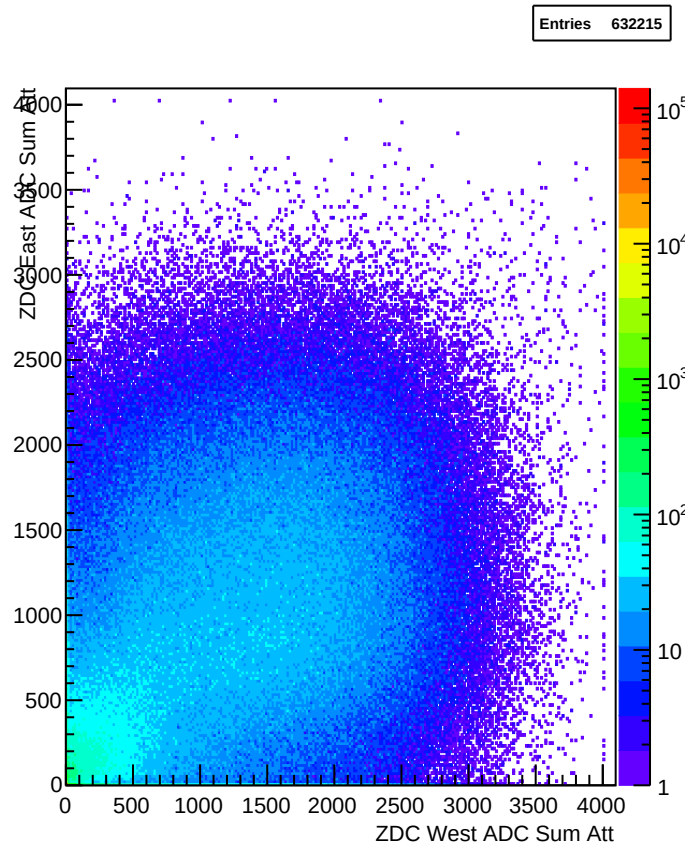

Entries 632215
BBC-S-East ADC Sum
VPD-East ADC Sum

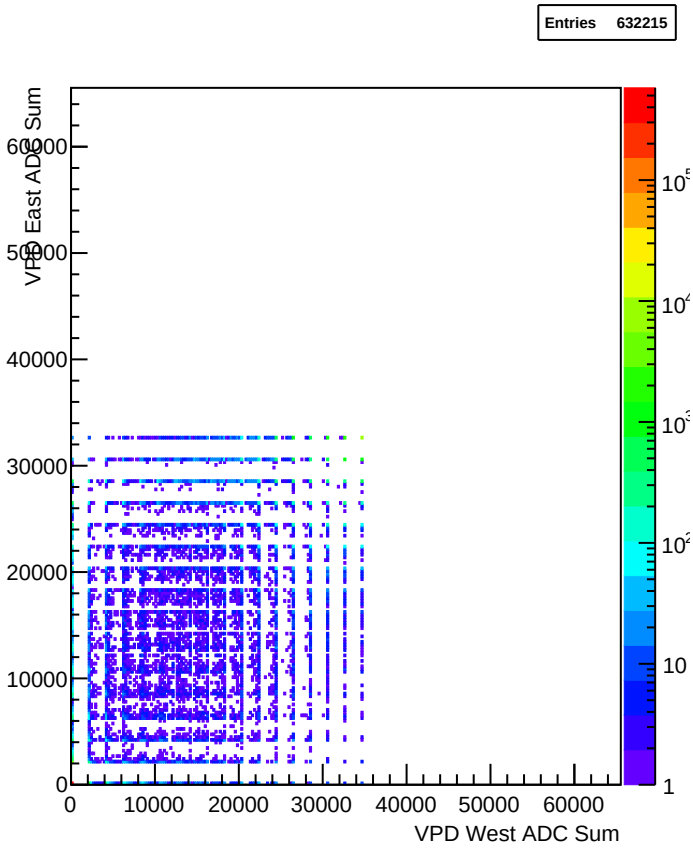

Entries 632215
BBC-S-West ADC Sum
VPD-West ADC Sum

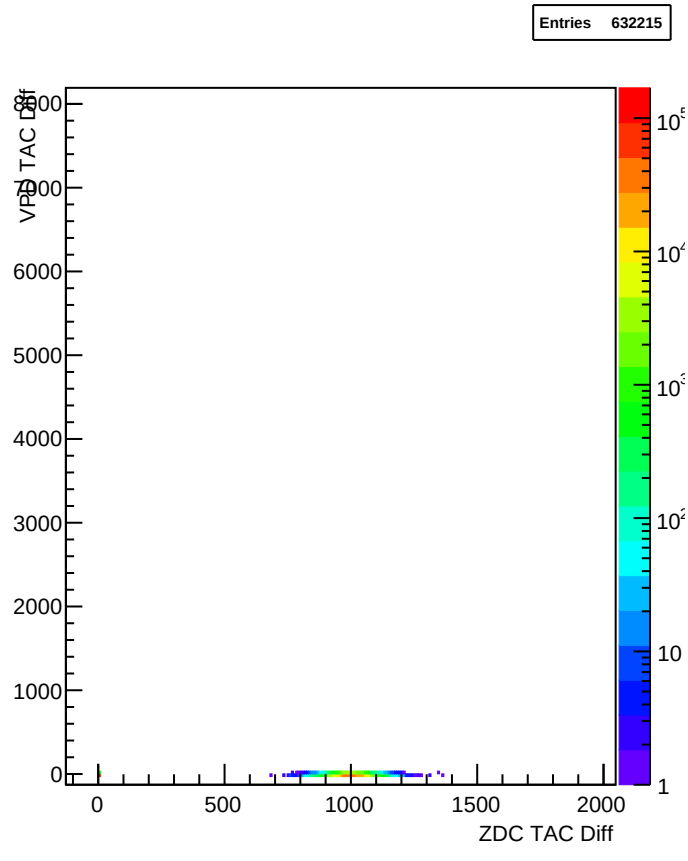

Entries 632215
VPD-East ADC Sum
ZDC-East ADC Sum Att

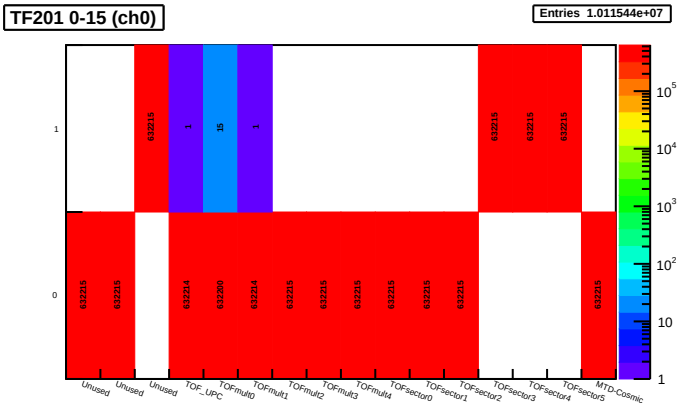

Entries 632215
VPD-West ADC Sum
ZDC-West ADC Sum Att

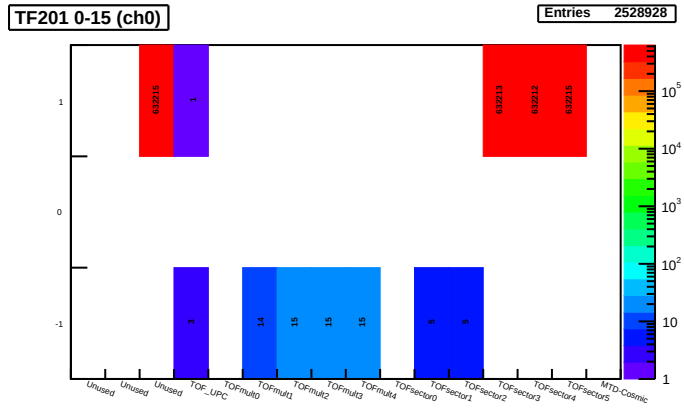

Entries 632215
BBC-S-East ADC Sum
BBC-S-West ADC Sum

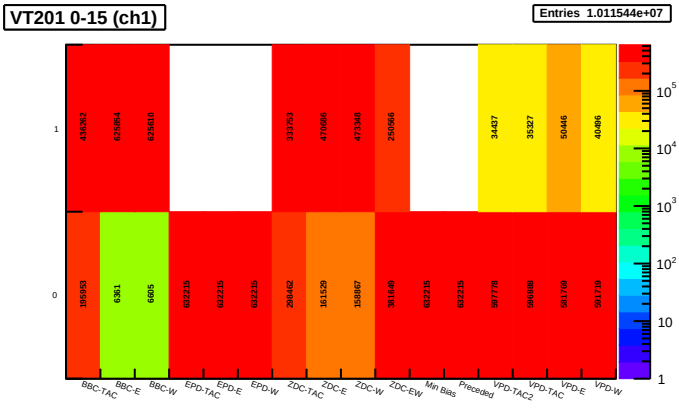

Entries 632215
ZDC East ADC Sum Att
ZDC West ADC Sum Att

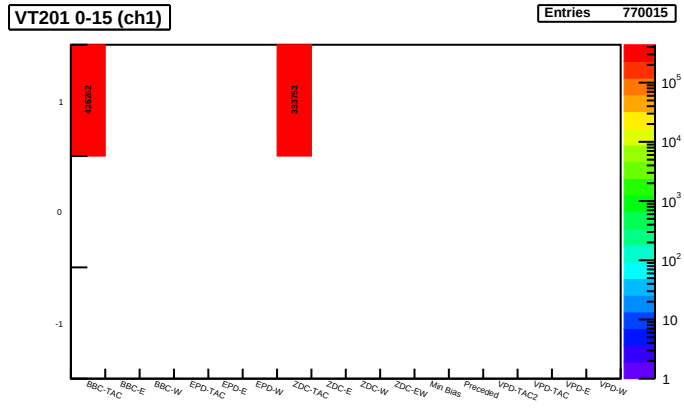

Entries 632215
VPD East ADC Sum
VPD West ADC Sum

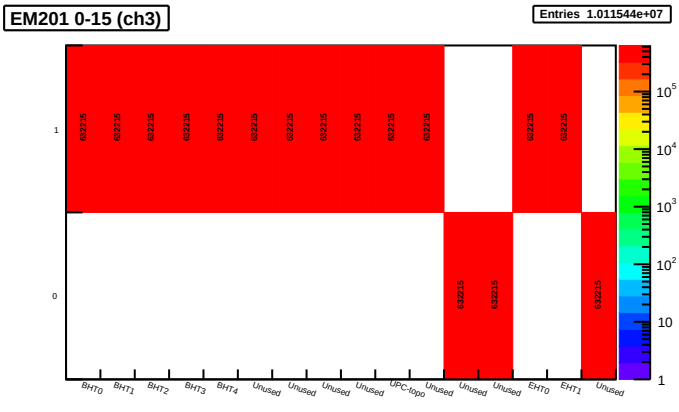

Entries 632215
VPD TAC Diff
ZDC TAC Diff


TF201 0-15 (ch0)
Entries 1.011544e+07
Unused
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5
MTD-Cosmic


TF201 0-15 (ch0)
Entries 2528928
Unused
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5
MTD-Cosmic


VT201 0-15 (ch1)
Entries 1.011544e+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 770015
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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BHT1
BHT2
BHT3
BHT4
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EHT0
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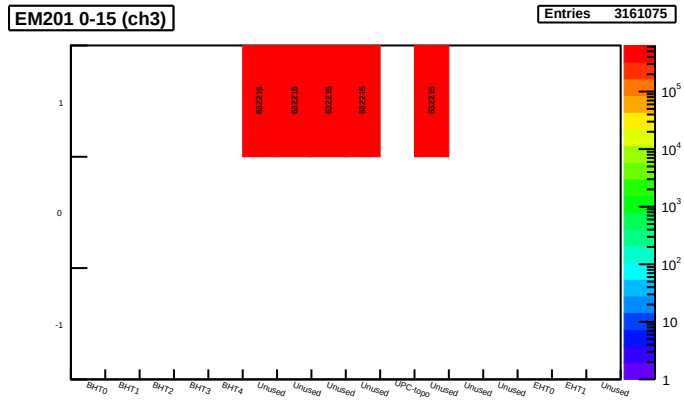
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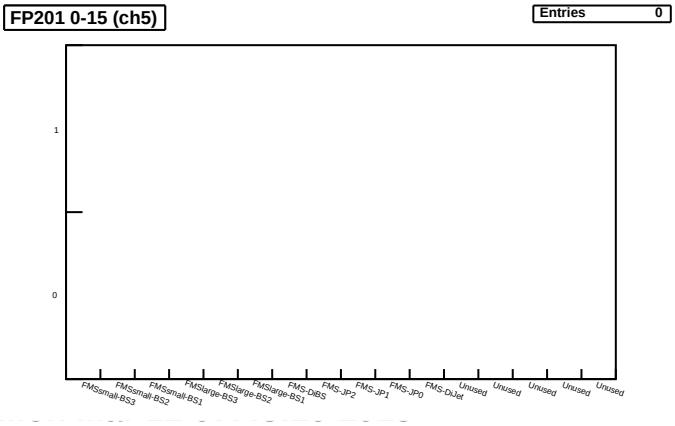
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FMSsmall-BS2
FMSsmall-BS1
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FMSlarge-BS1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
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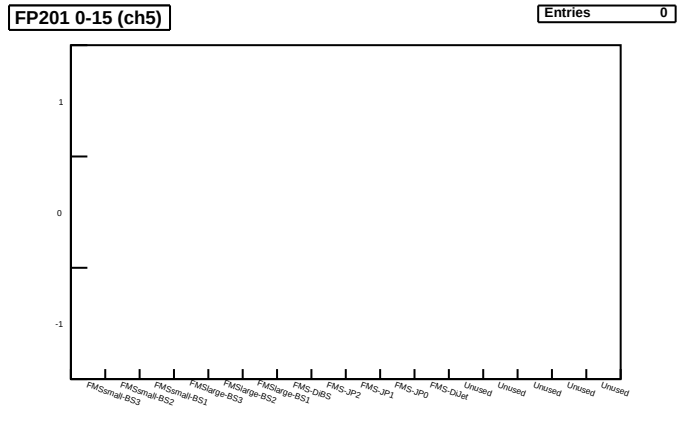
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FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused