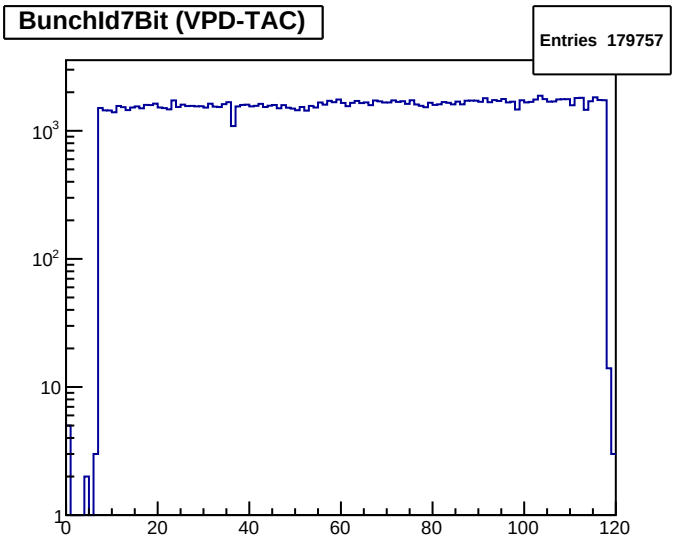
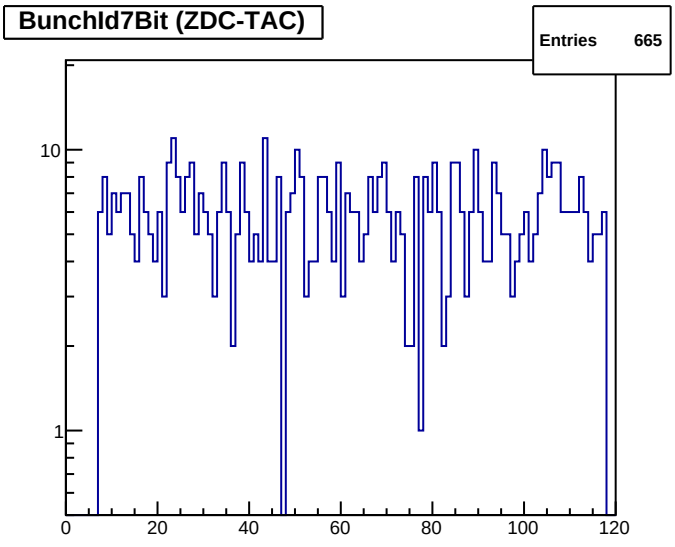
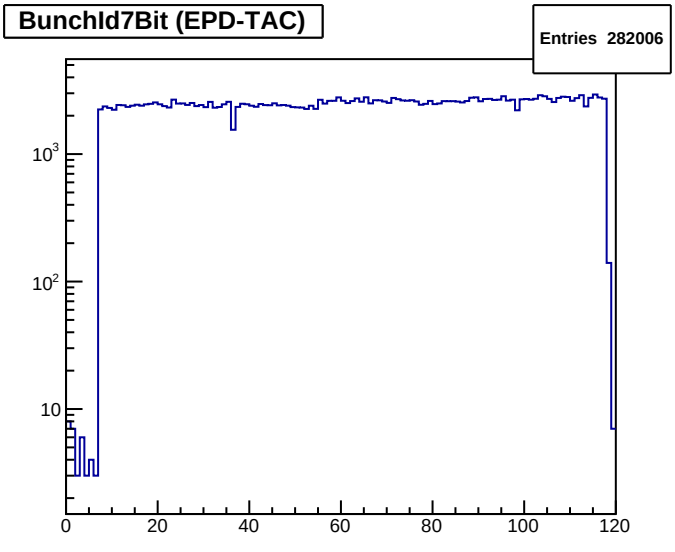
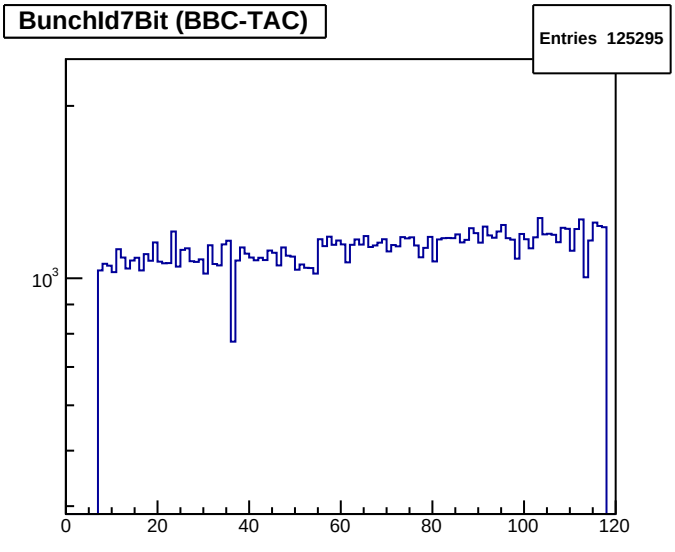
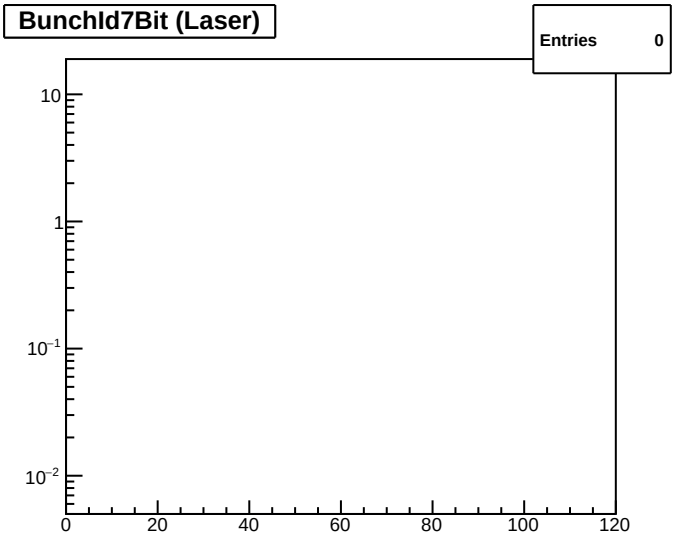
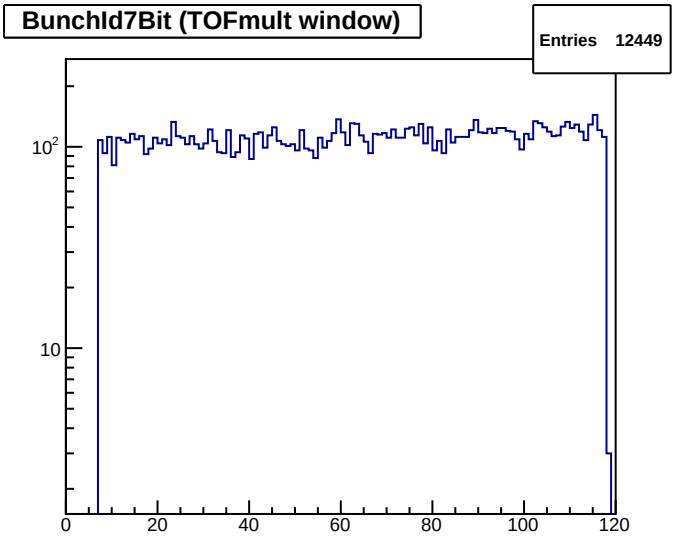

BunchId7Bit (VPD-TAC)
Entries 179757

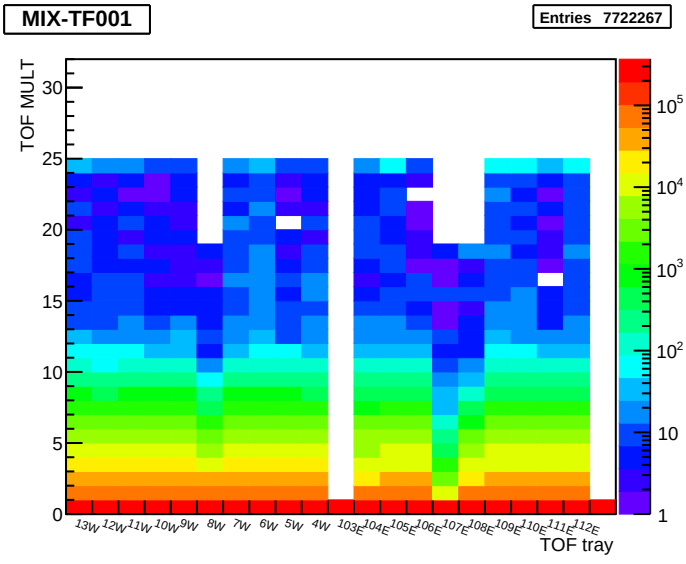

BunchId7Bit (ZDC-TAC)
Entries 665

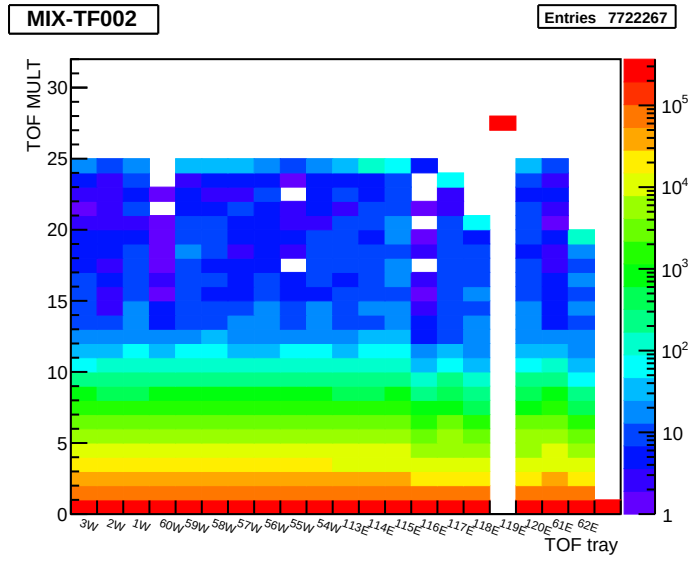

BunchId7Bit (EPD-TAC)
Entries 282006

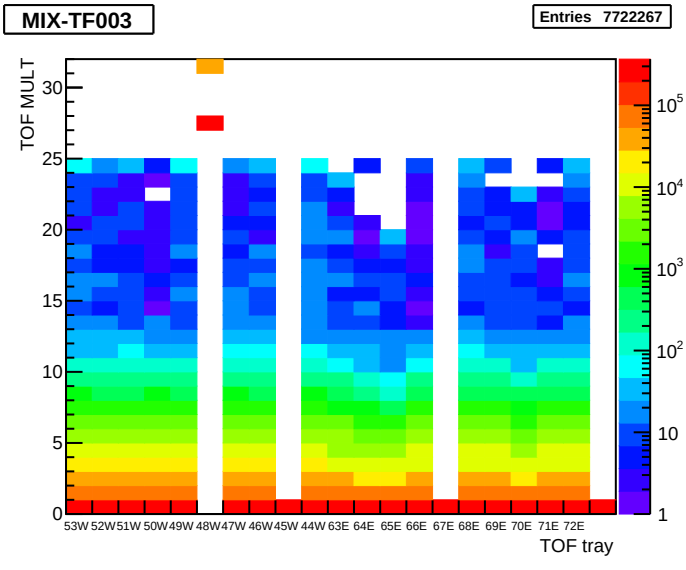

BunchId7Bit (BBC-TAC)
Entries 125295

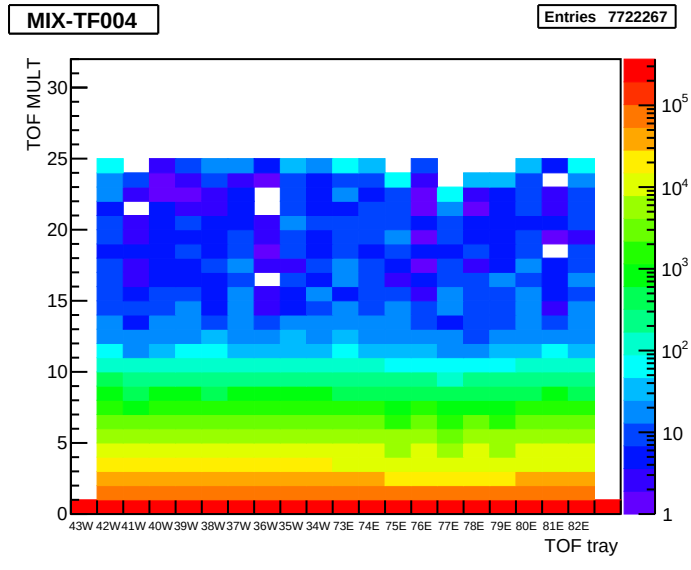

BunchId7Bit (Laser)
Entries 0

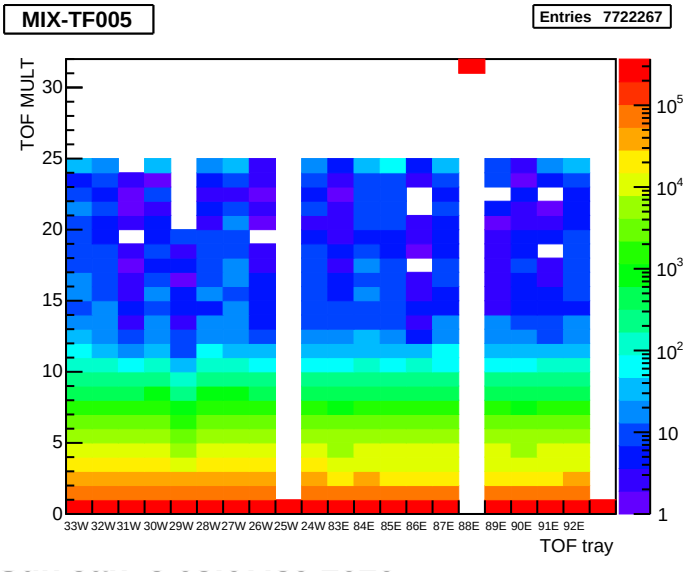

BunchId7Bit (TOFmult window)
Entries 12449

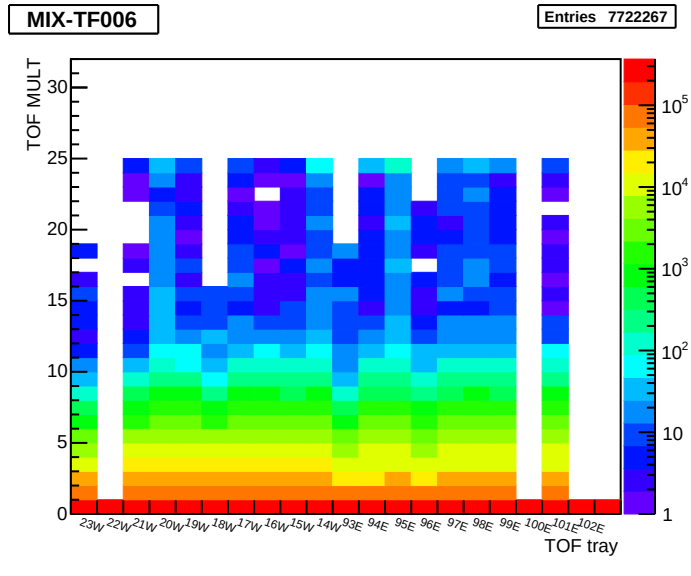

MIX-TF001
Entries 7722267
TOF MULT
TOF tray

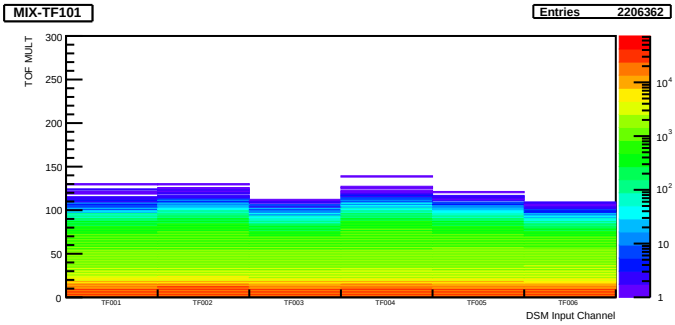

MIX-TF002
Entries 7722267
TOF MULT
TOF tray

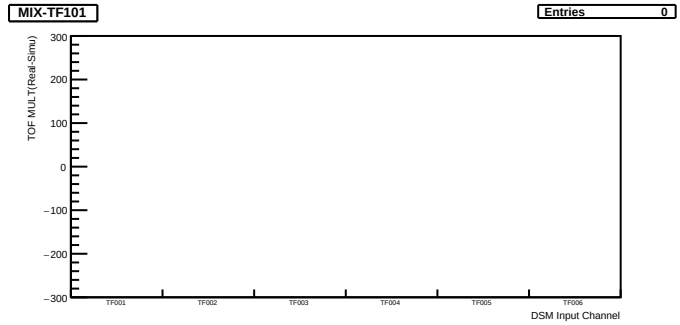

MIX-TF003
Entries 7722267
TOF MULT
TOF tray

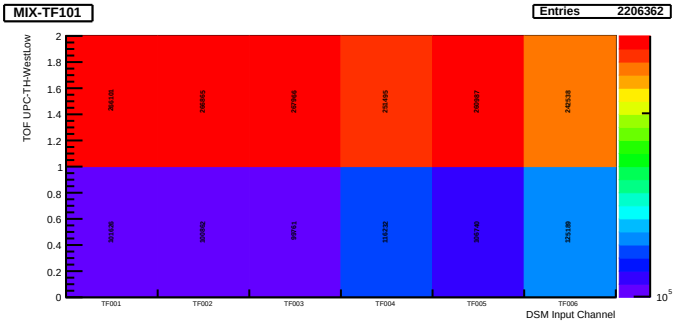

MIX-TF004
Entries 7722267
TOF MULT
TOF tray

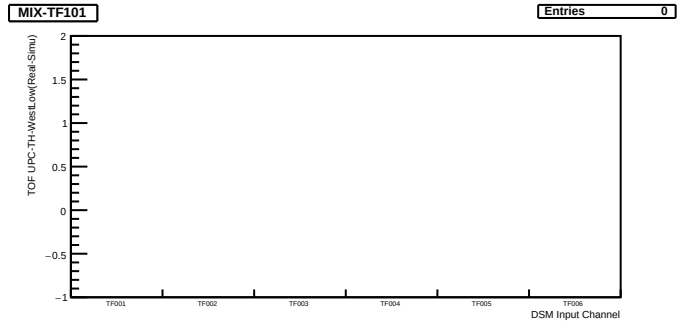

MIX-TF005
Entries 7722267
TOF MULT
TOF tray

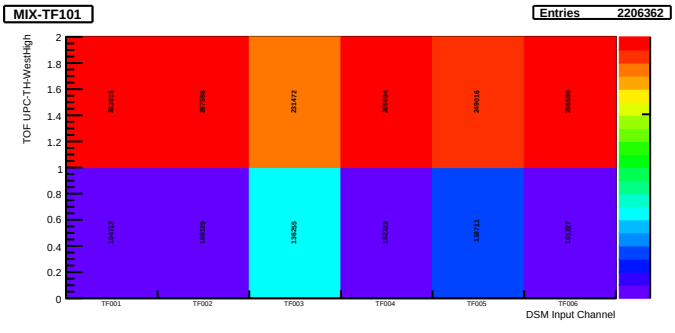

MIX-TF006
Entries 7722267
TOF MULT
TOF tray

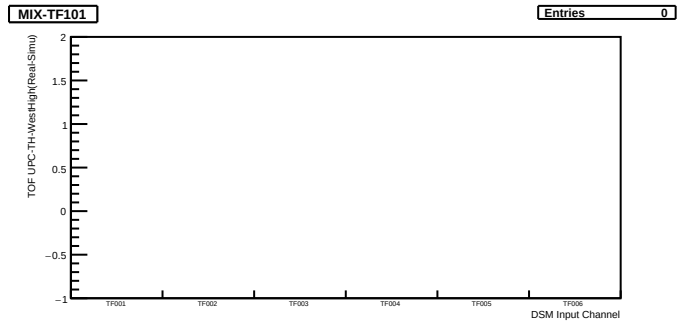

MIX-TF101
Entries 2206362
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

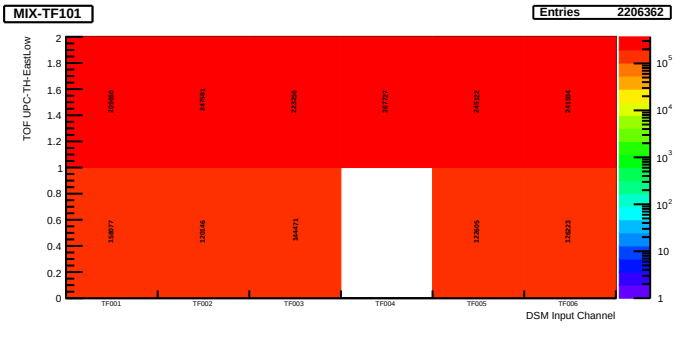

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

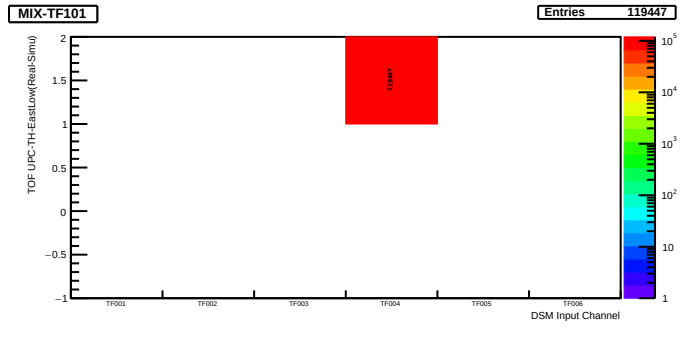

MIX-TF101
Entries 2206362
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

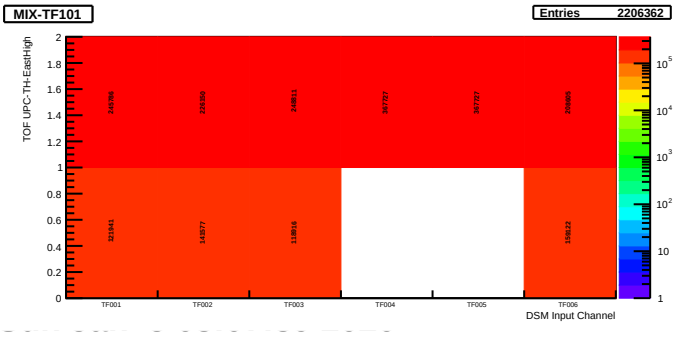

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

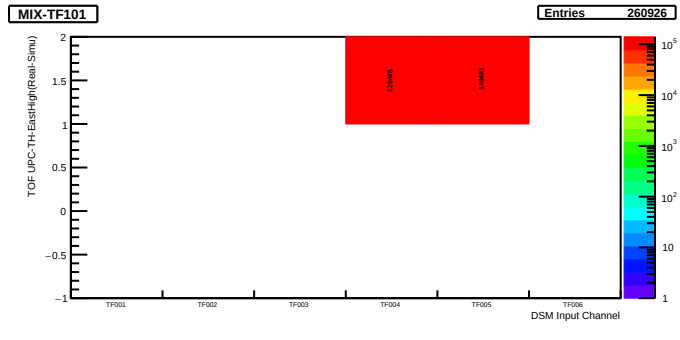

MIX-TF101
Entries 2206362
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

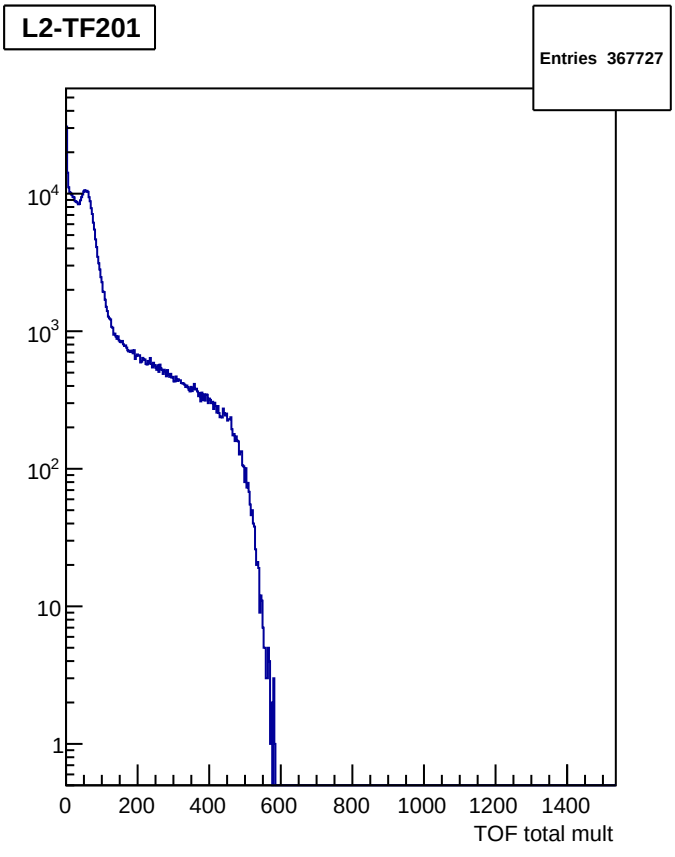

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

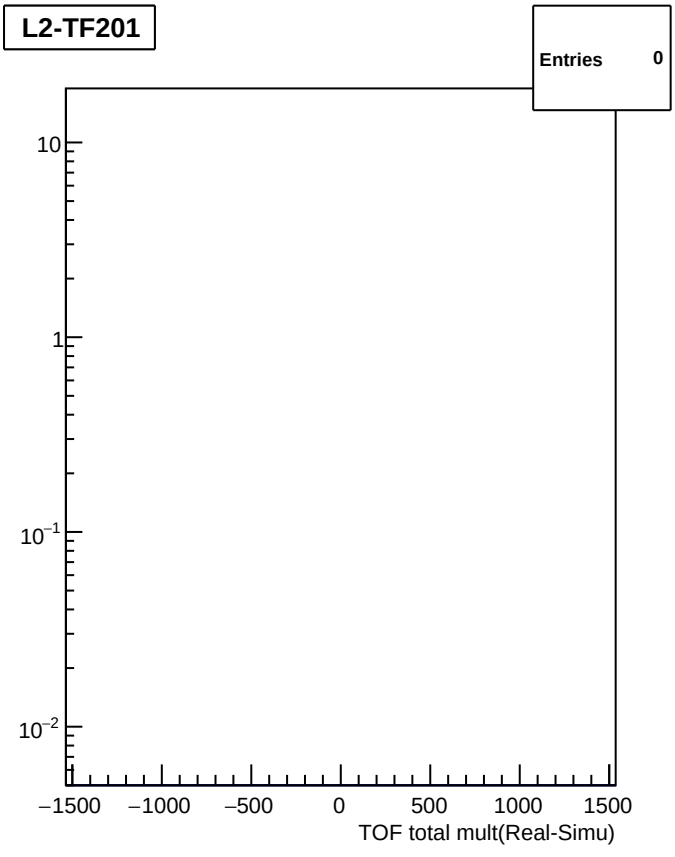

MIX-TF101
Entries 2206362
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

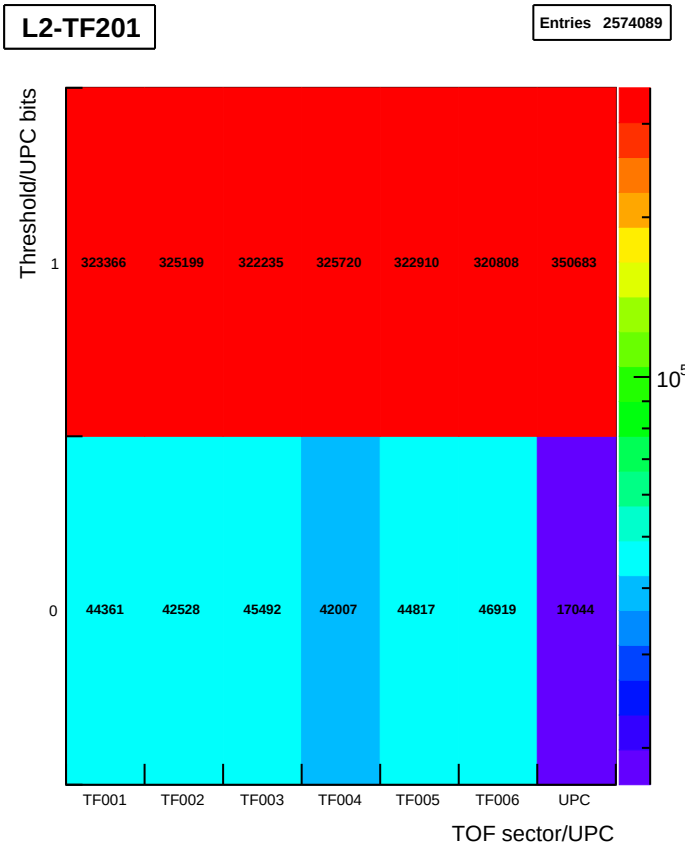

MIX-TF101
Entries 119447
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

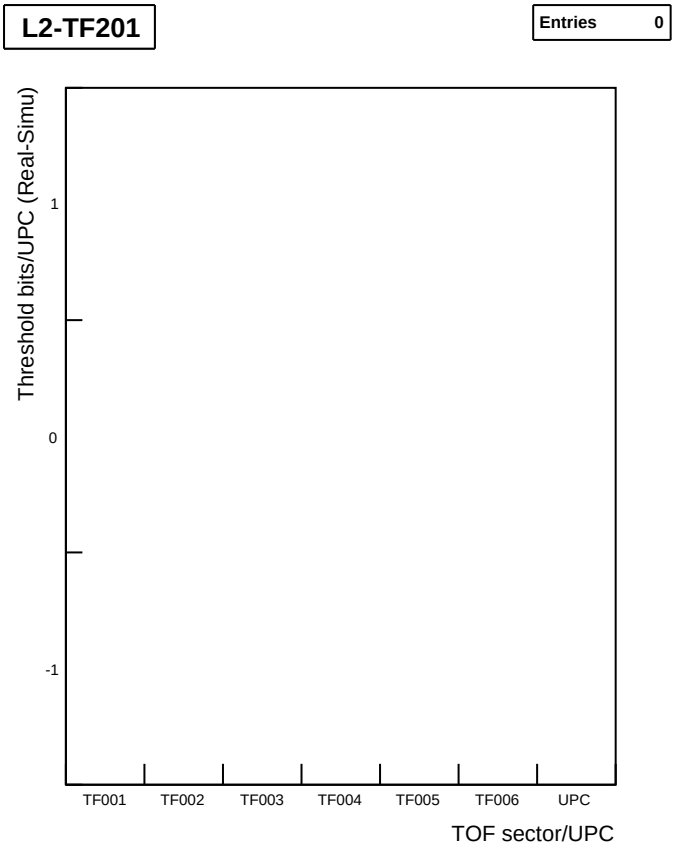

MIX-TF101
Entries 2206362
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

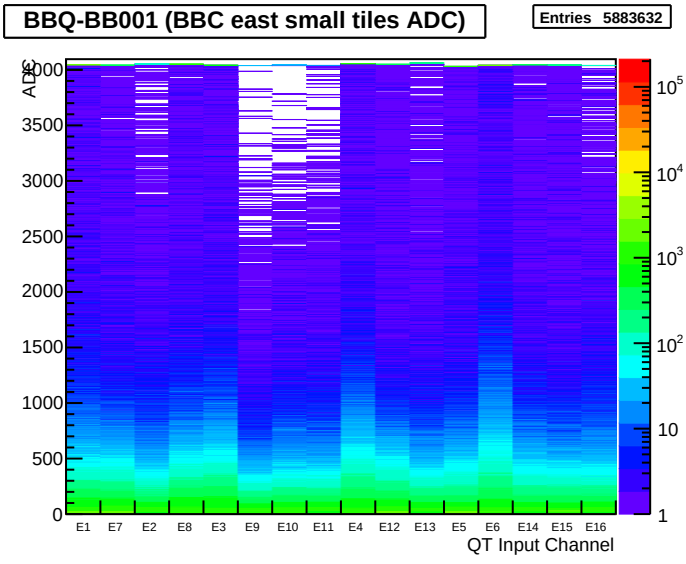

MIX-TF101
Entries 260926
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

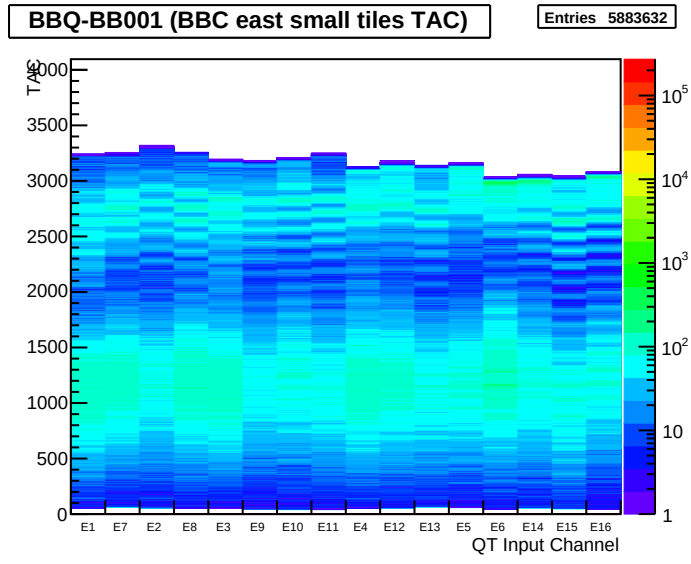

L2-TF201
Entries 367727
TOF total mult

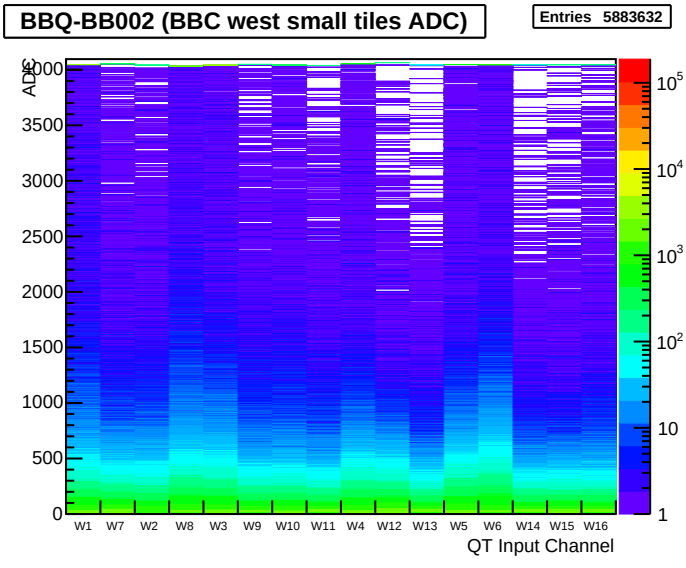

L2-TF201
Entries 0
TOF total mult(Real-Simu)

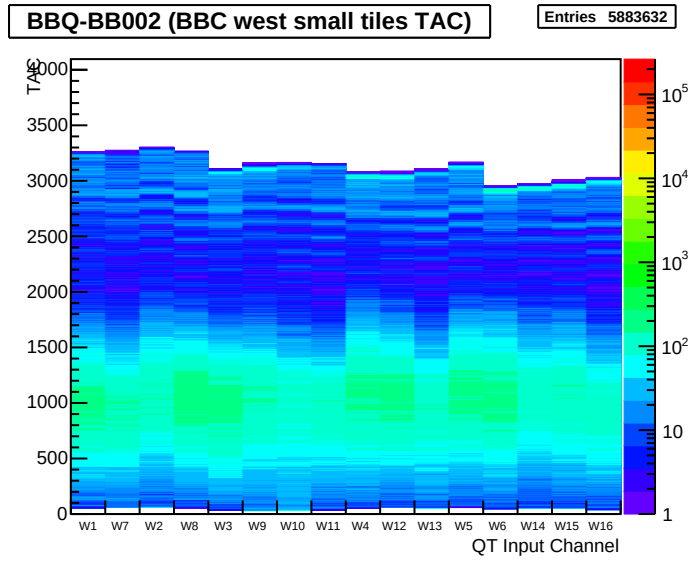

L2-TF201
Entries 2574089
Threshold/UPC bits
323366 325199 322235 325720 322910 320808 350683
44361 42528 45492 42007 44817 46919 17044
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

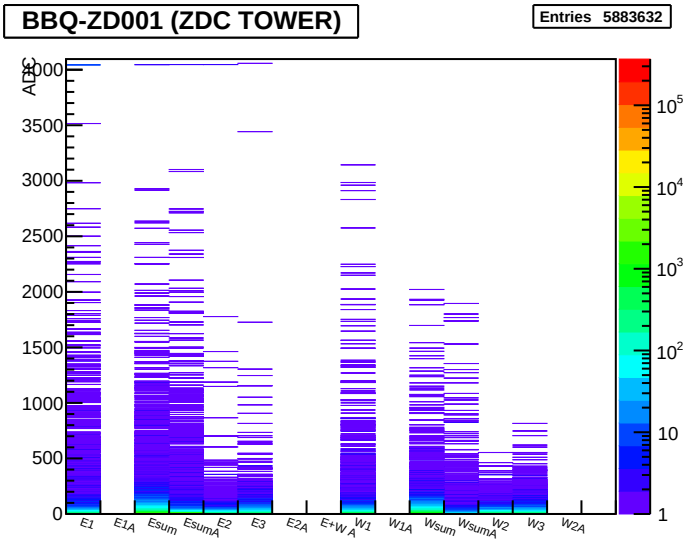

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

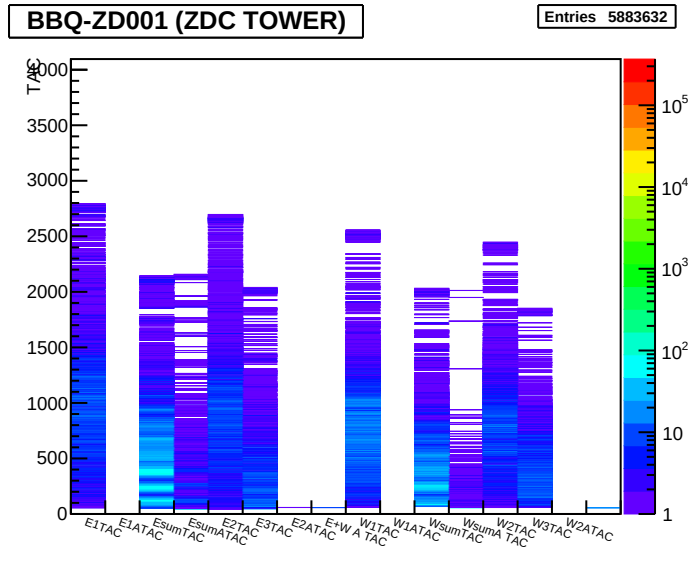

BBQ-BB001 (BBC east small tiles ADC)
Entries 5883632
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

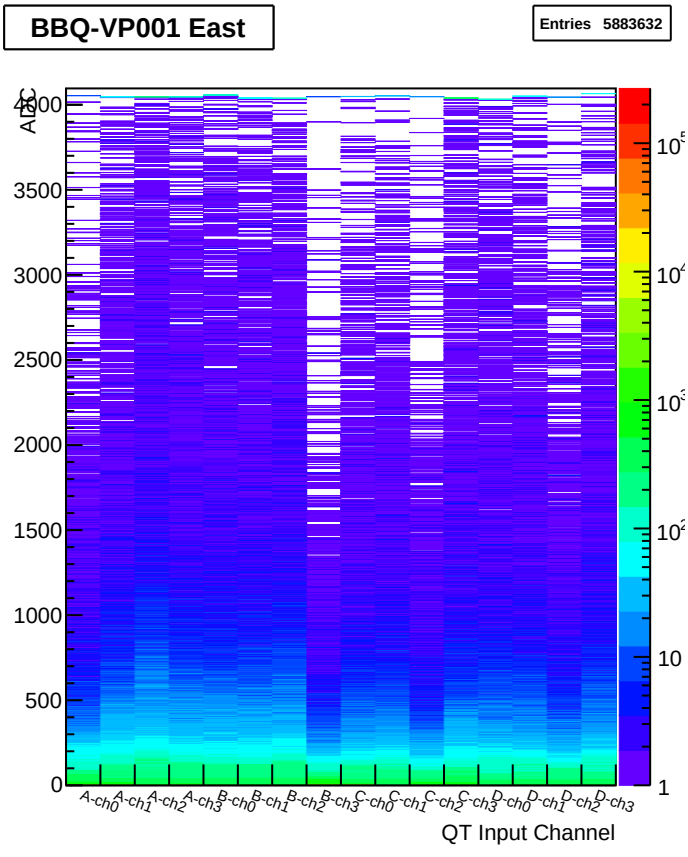

BBQ-BB001 (BBC east small tiles TAC)
Entries 5883632
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

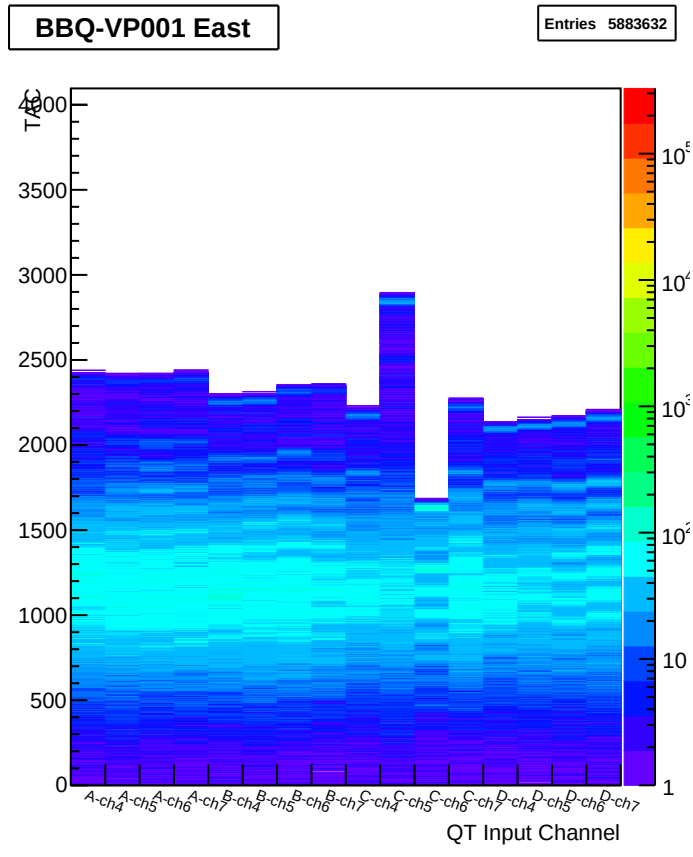

BBQ-BB002 (BBC west small tiles ADC)
Entries 5883632
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

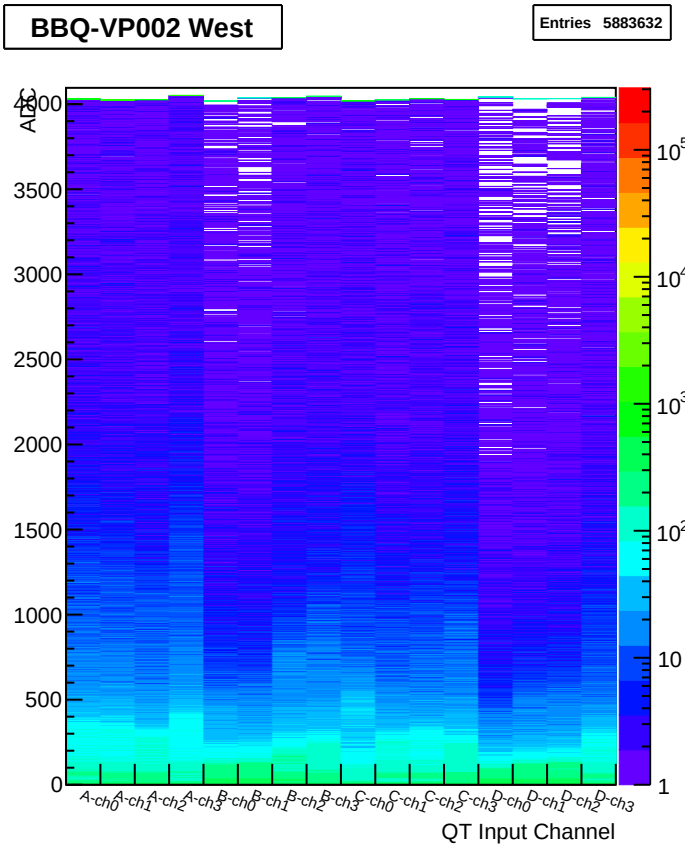

BBQ-BB002 (BBC west small tiles TAC)
Entries 5883632
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

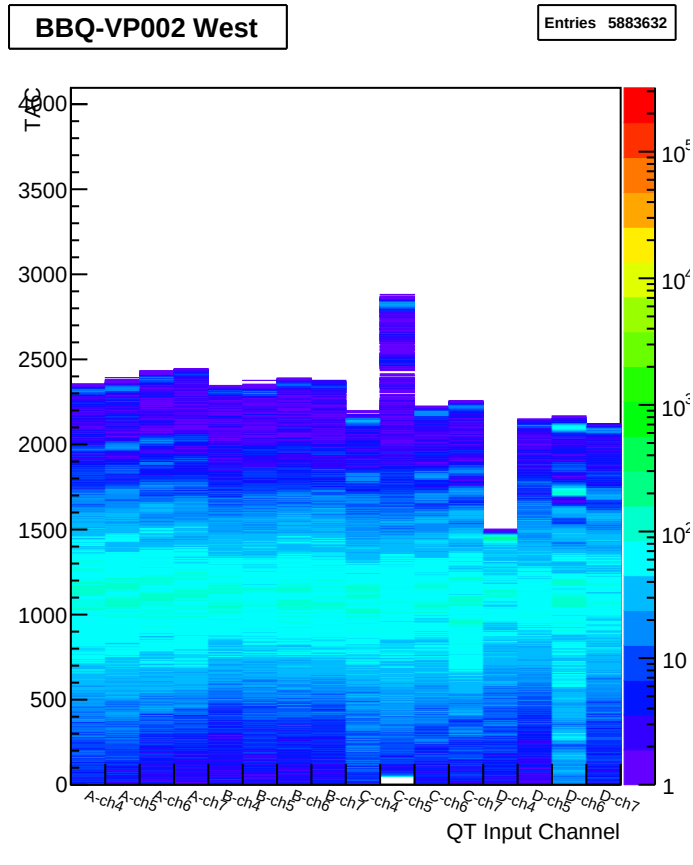

BBQ-ZD001 (ZDC TOWER)
Entries 5883632
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

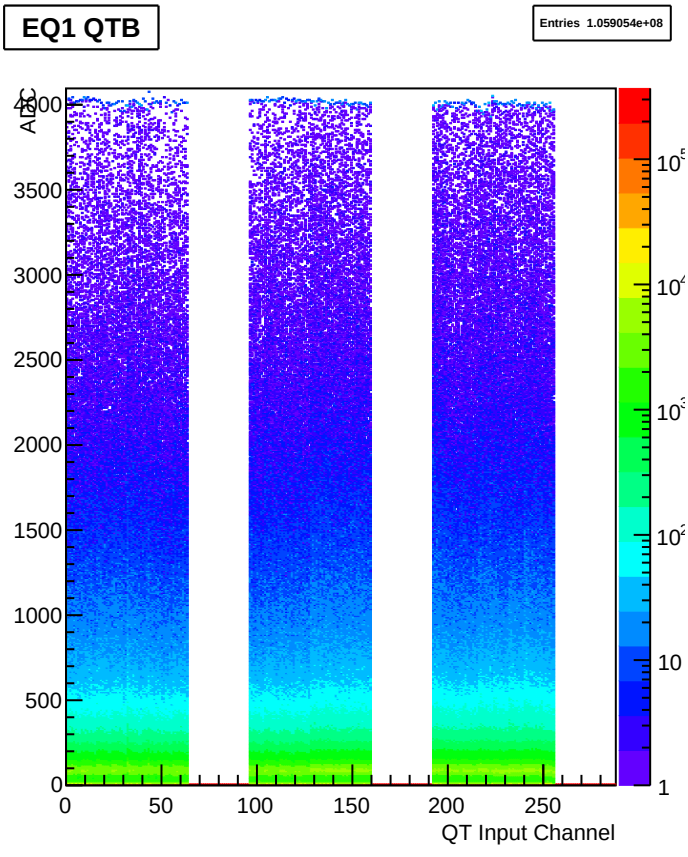

BBQ-ZD001 (ZDC TOWER)
Entries 5883632
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

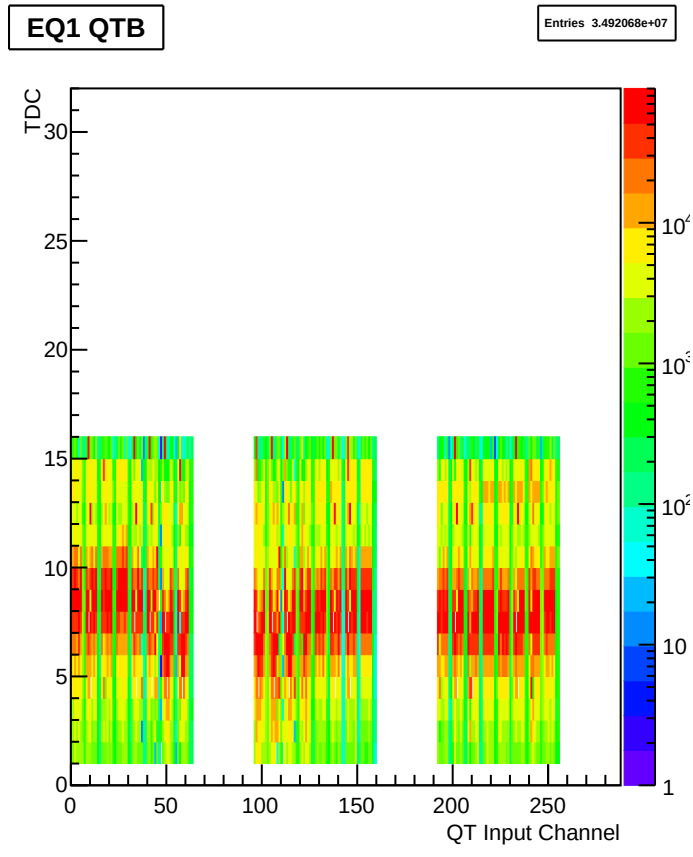

BBQ-VP001 East
Entries 5883632
ADC
QT Input Channel

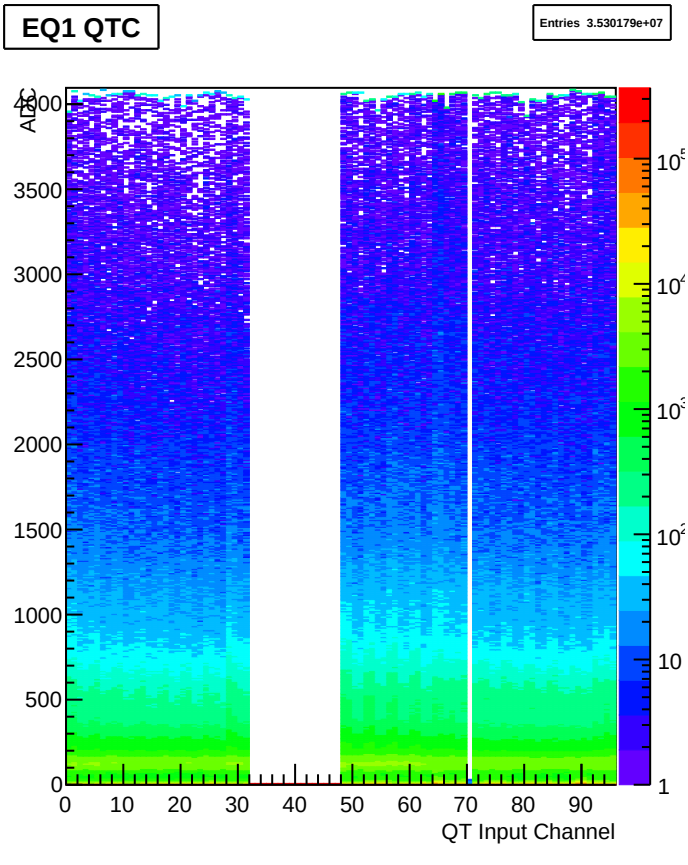

BBQ-VP001 East
Entries 5883632
ADC
QT Input Channel

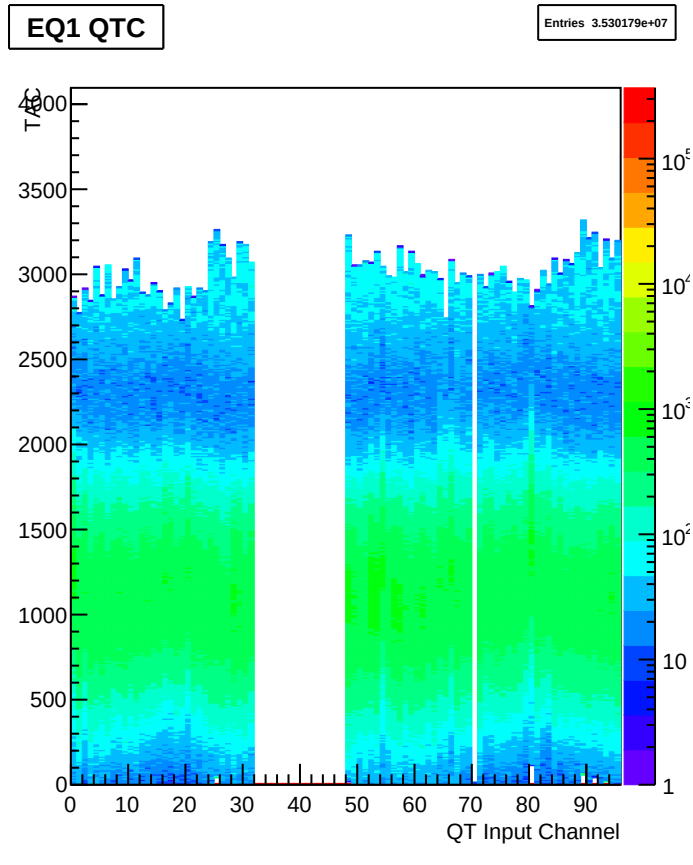

BBQ-VP002 West
Entries 5883632
ADC
QT Input Channel

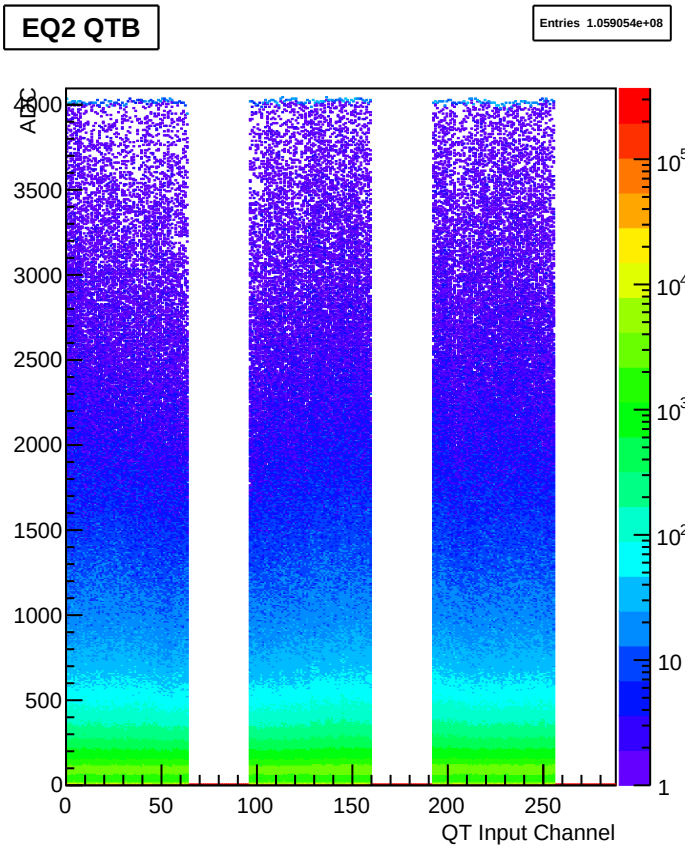

BBQ-VP002 West
Entries 5883632
ADC
QT Input Channel

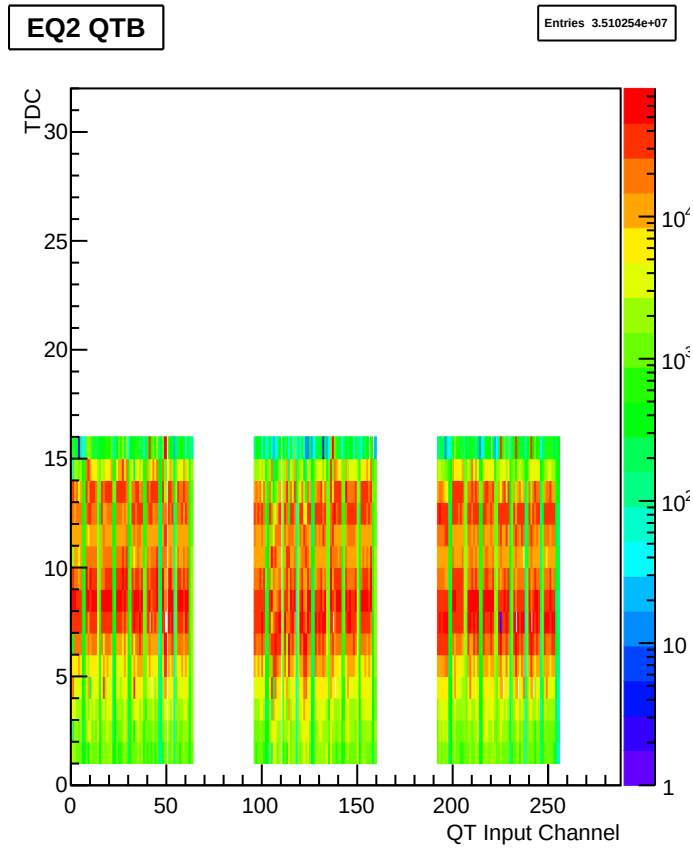

EQ1 QTB
Entries 1.059054e+08
ADC
QT Input Channel

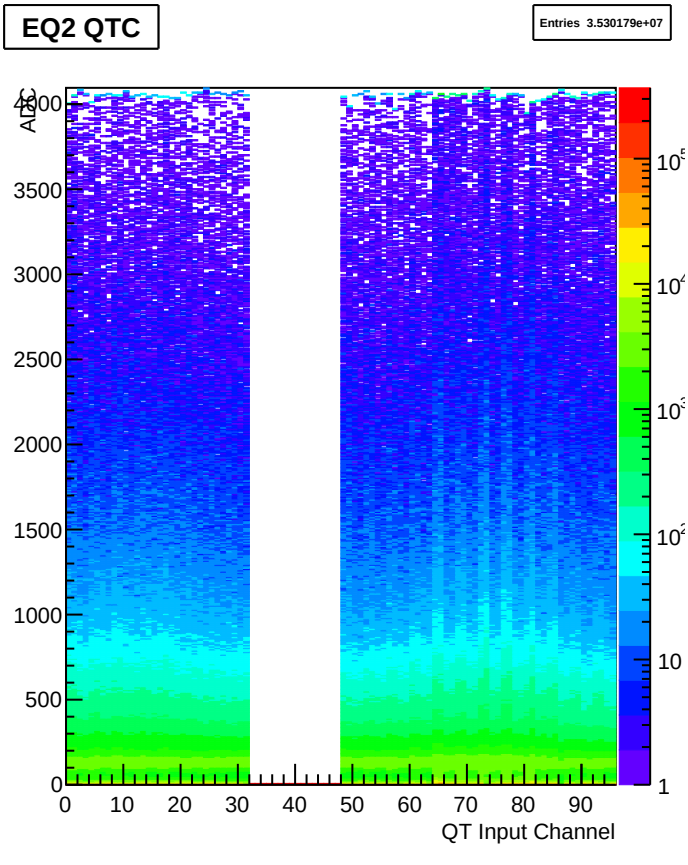

EQ1 QTB
Entries 3.492068e+07
TDC
QT Input Channel

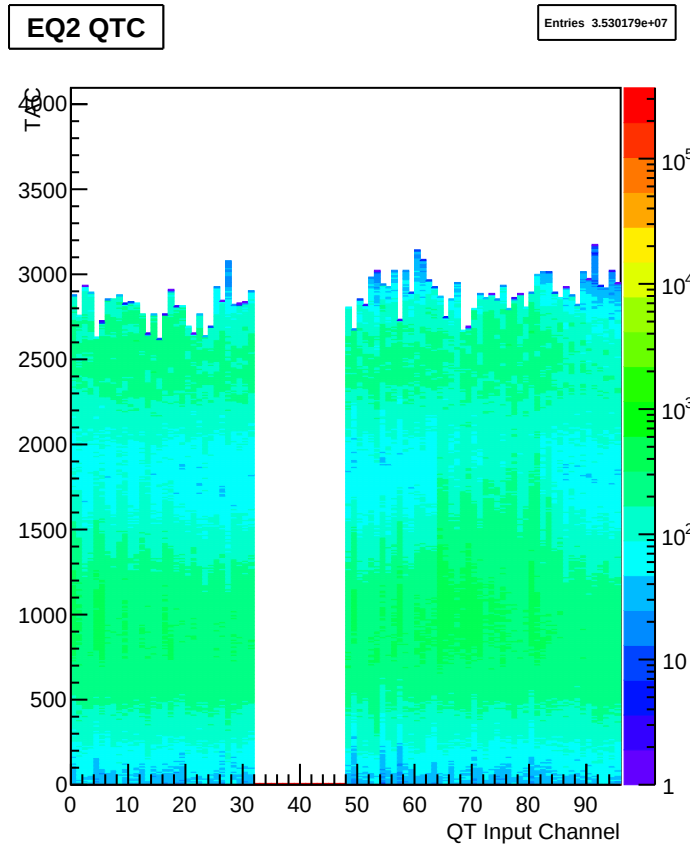

EQ1 QTC
Entries 3.530179e+07
ADC
QT Input Channel

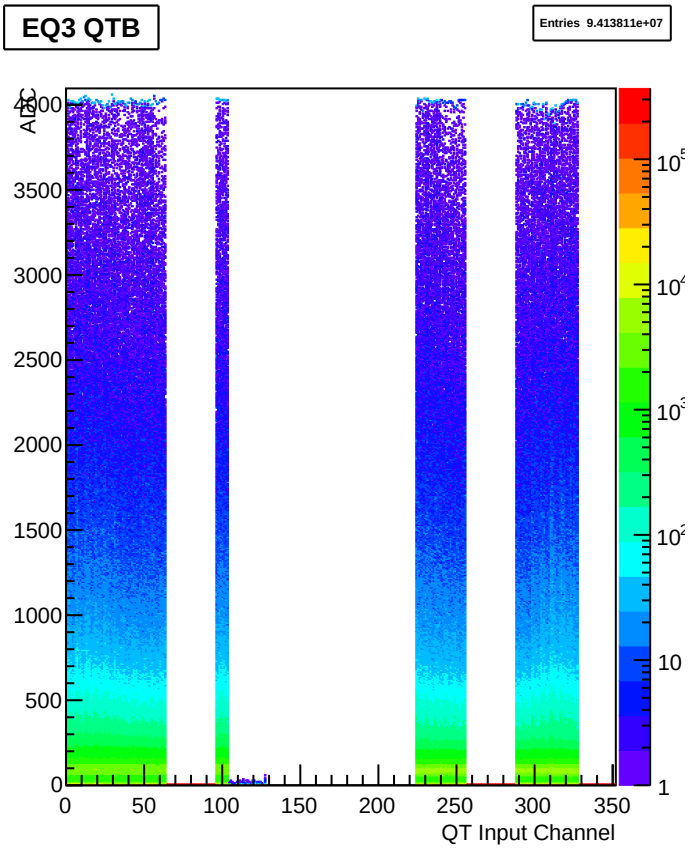

EQ1 QTC
Entries 3.530179e+07
TADC
QT Input Channel

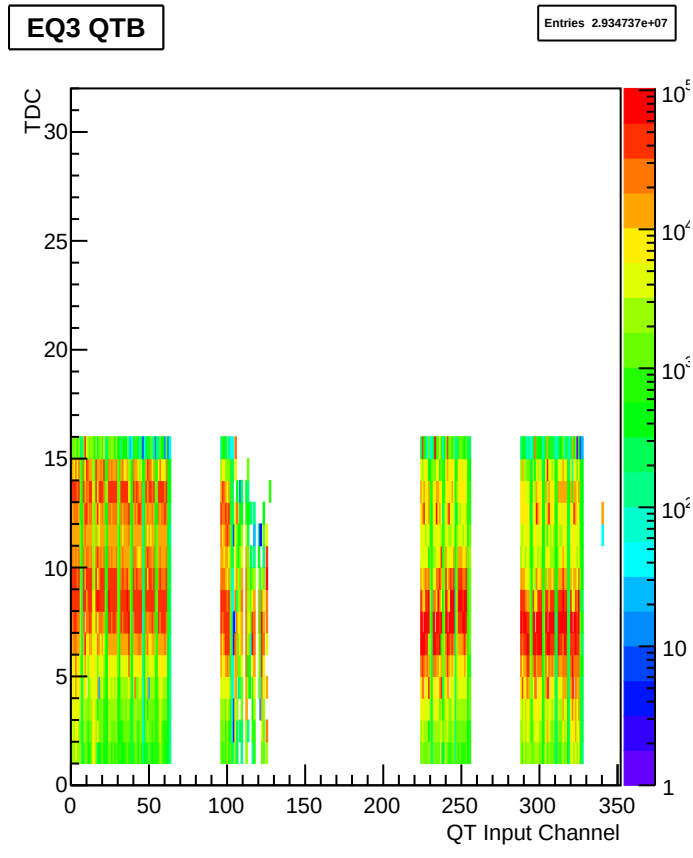

EQ2 QTB
Entries 1.059054e+08
ADC
QT Input Channel

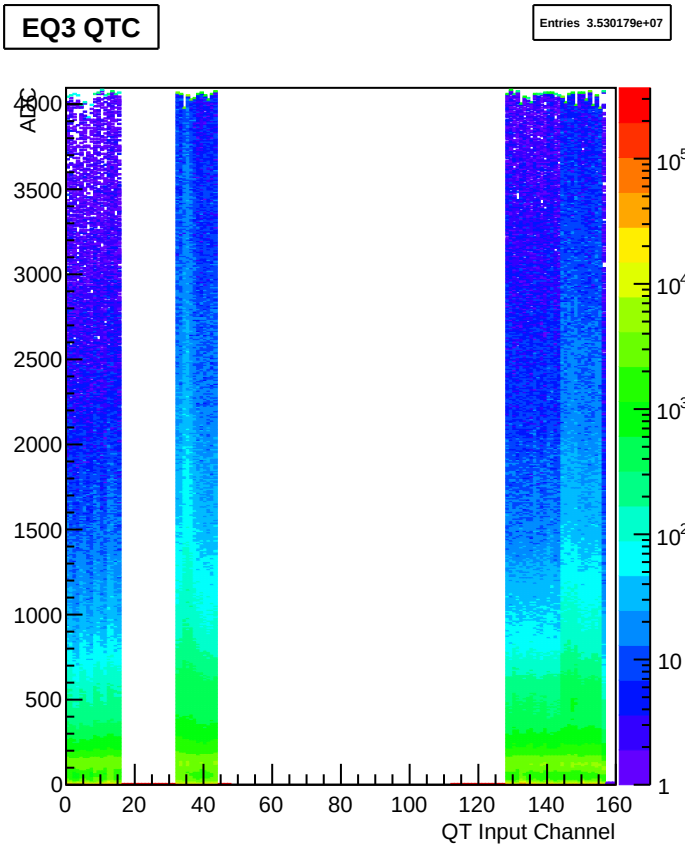

EQ2 QTB
Entries 3.510254e+07
TDC
QT Input Channel

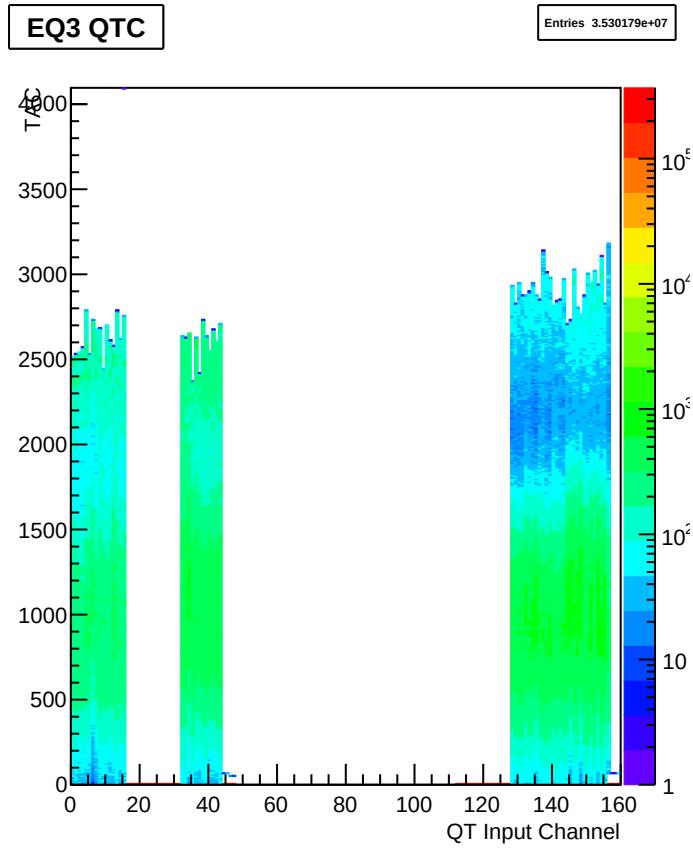

EQ2 QTC
Entries 3.530179e+07
ADC
QT Input Channel

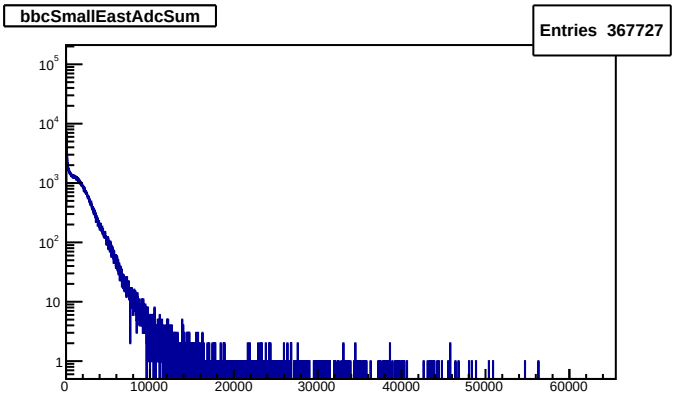

EQ2 QTC
Entries 3.530179e+07
TADC
QT Input Channel

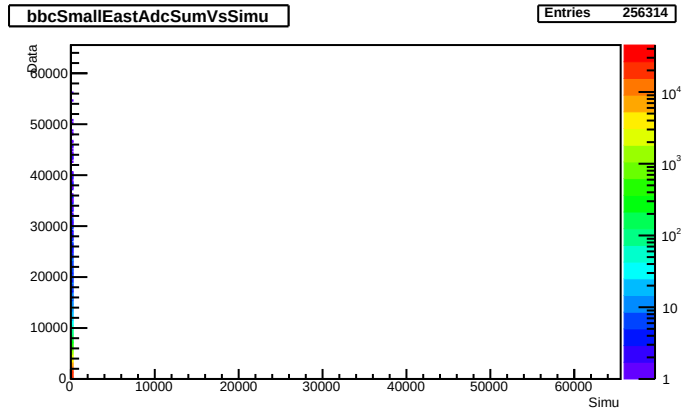

EQ3 QTB
Entries 9.413811e+07
ADC
QT Input Channel

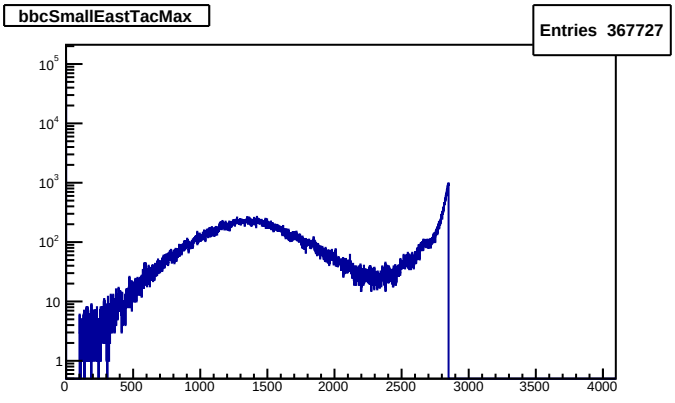

EQ3 QTB
Entries 2.934737e+07
TDC
QT Input Channel

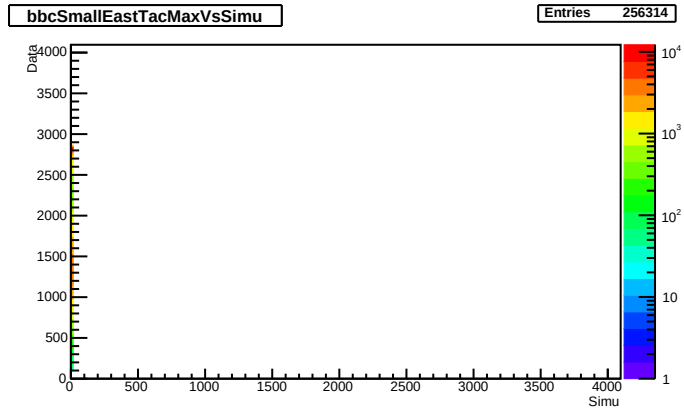

EQ3 QTC
Entries 3.530179e+07
ADC
QT Input Channel

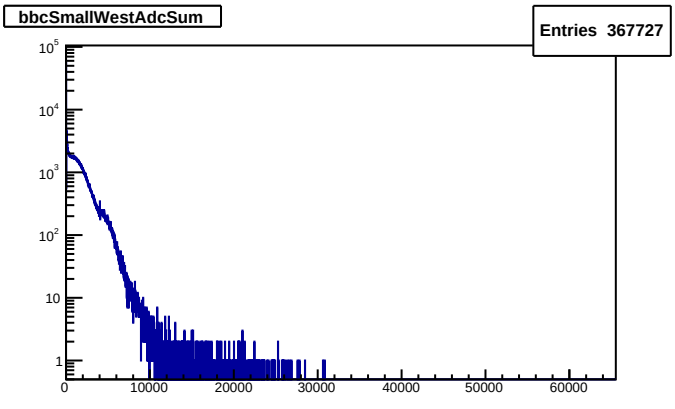

EQ3 QTC
Entries 3.530179e+07
TADC
QT Input Channel

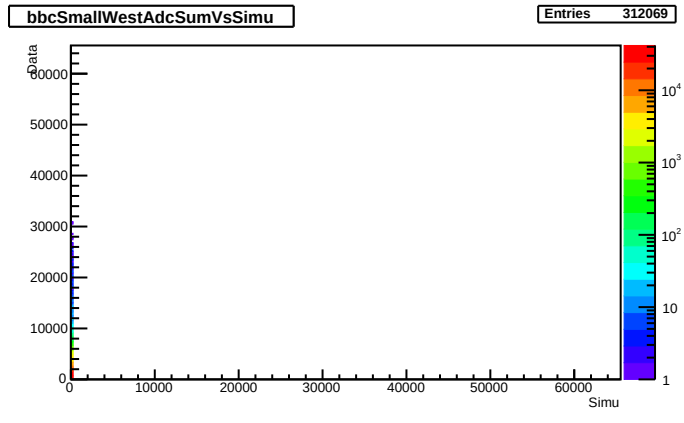

bbcSmallEastAdcSum
Entries 367727

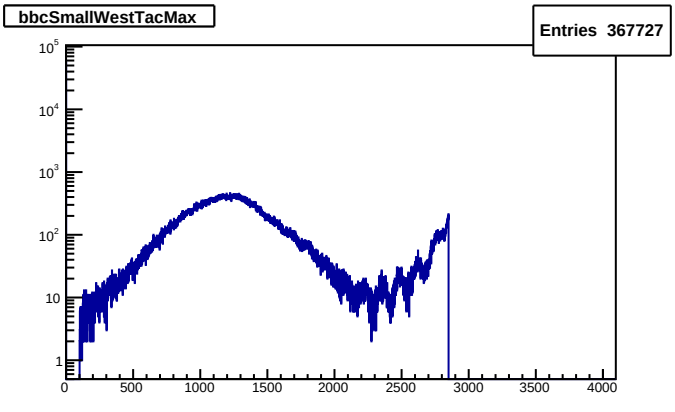

bbcSmallEastAdcSumVsSimu
Entries 256314
Data
Simu

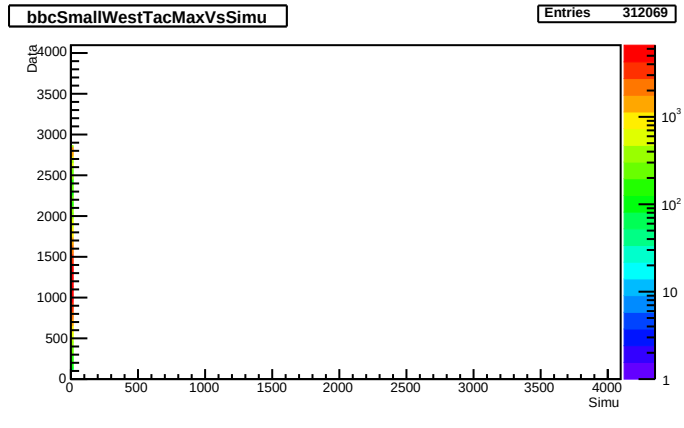

bbcSmallEastTacMax
Entries 367727

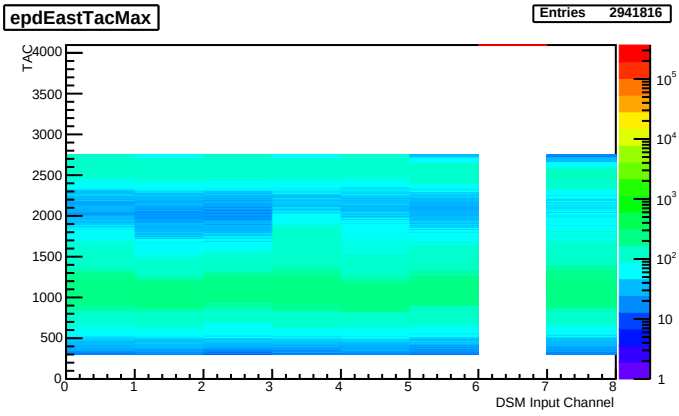

bbcSmallEastTacMaxVsSimu
Entries 256314
Data
Simu

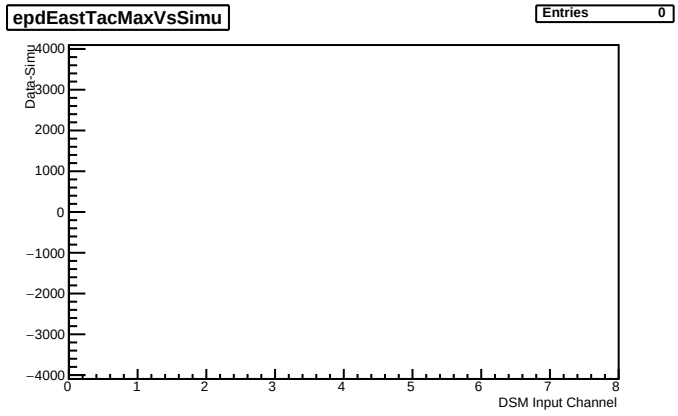

bbcSmallWestAdcSum
Entries 367727

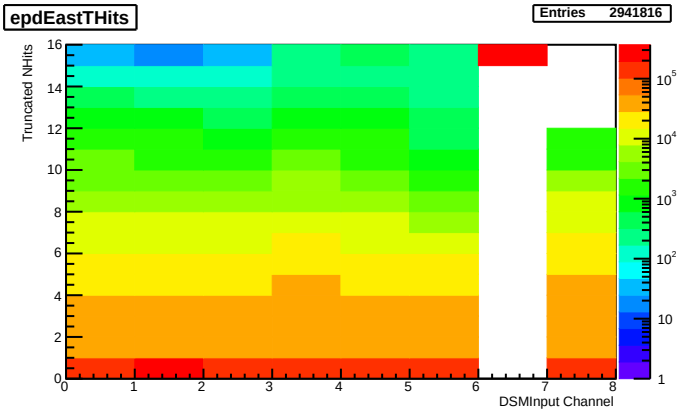

bbcSmallWestAdcSumVsSimu
Entries 312069
Data
Simu

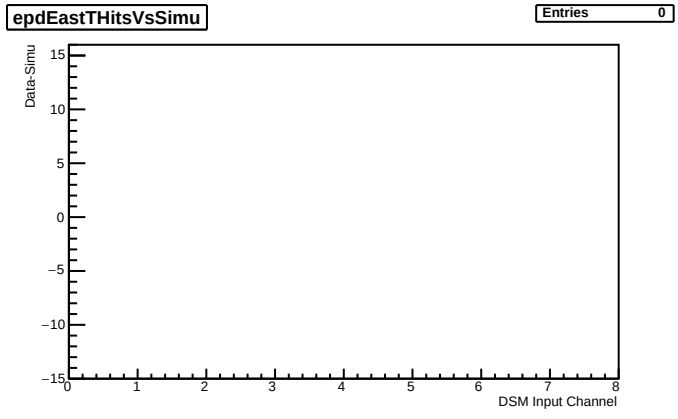

bbcSmallWestTacMax
Entries 367727

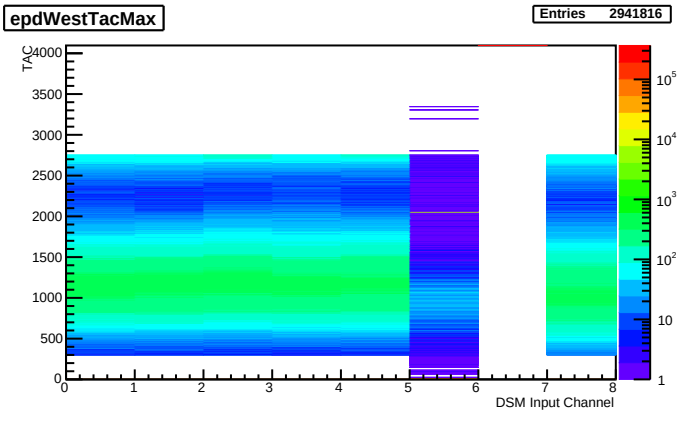

bbcSmallWestTacMaxVsSimu
Entries 312069
Data
Simu

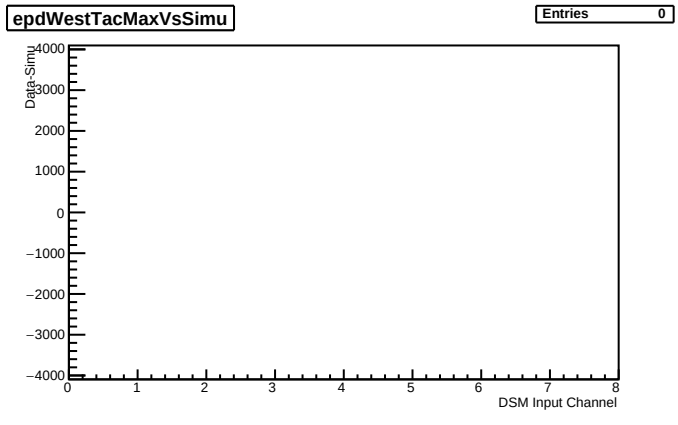

epdEastTacMax
Entries 2941816
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2941816
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2941816
TAC
DSM Input Channel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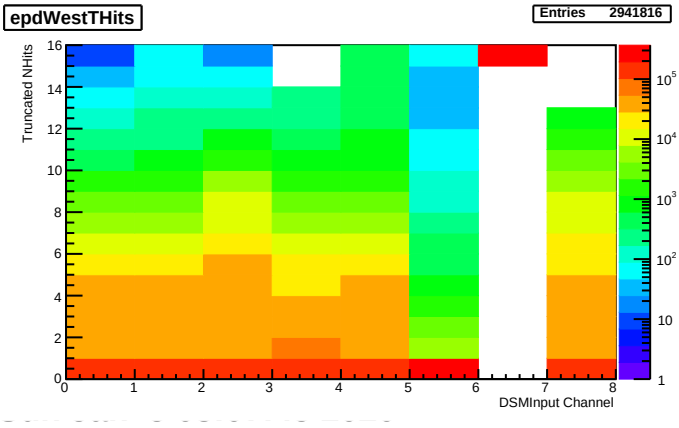
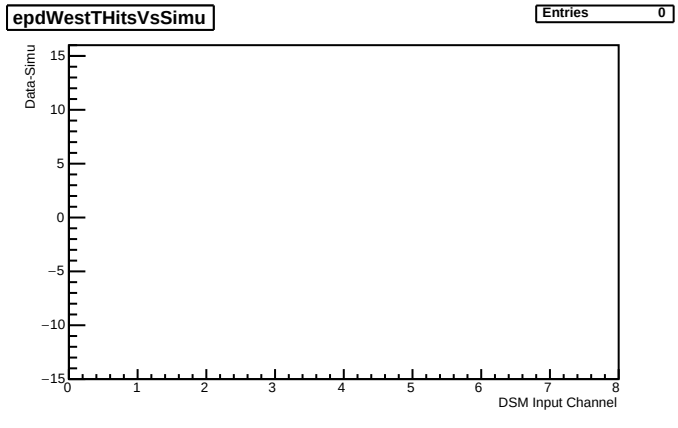
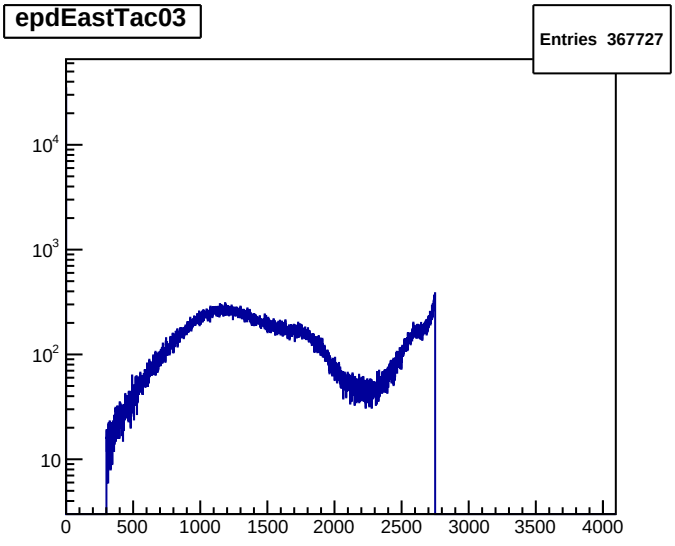
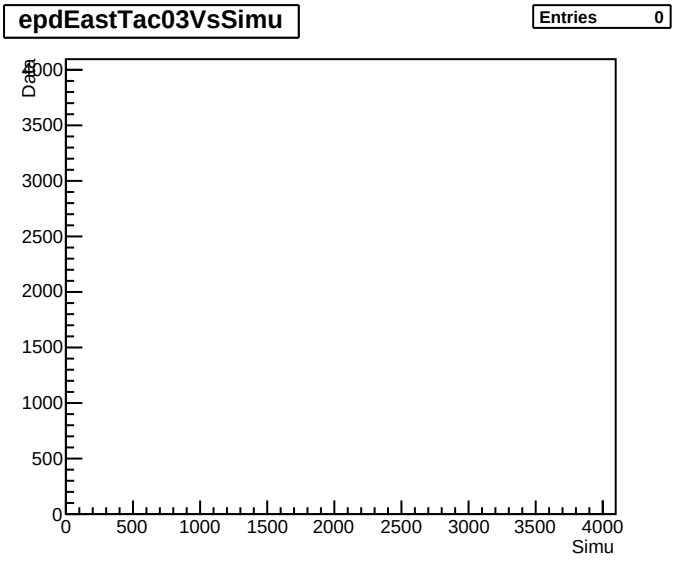
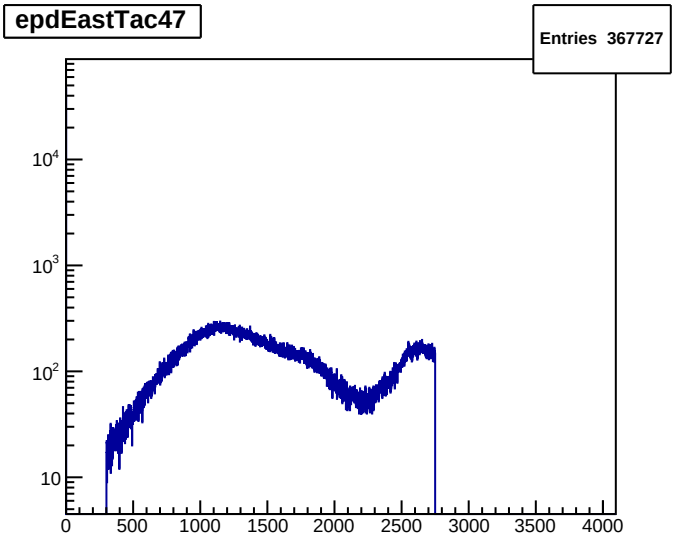
Entries 0
Data-Simu
DSM Input Channel

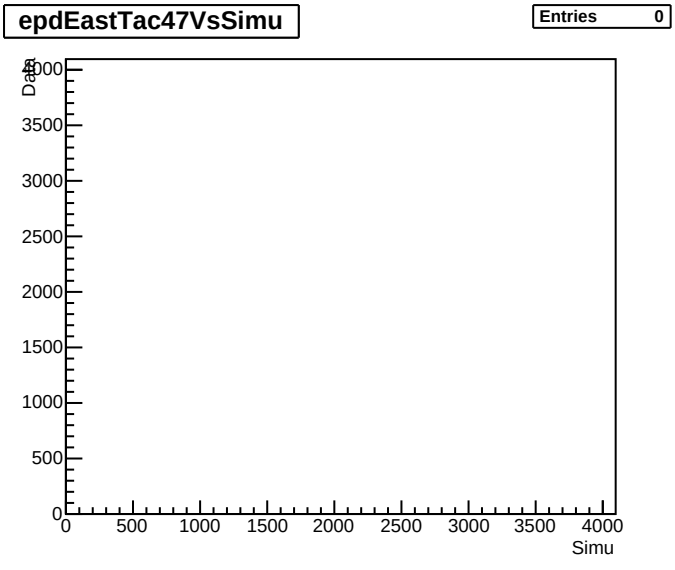

epdWestTHits
Entries 2941816
Truncated NHits
DSMInput Channel

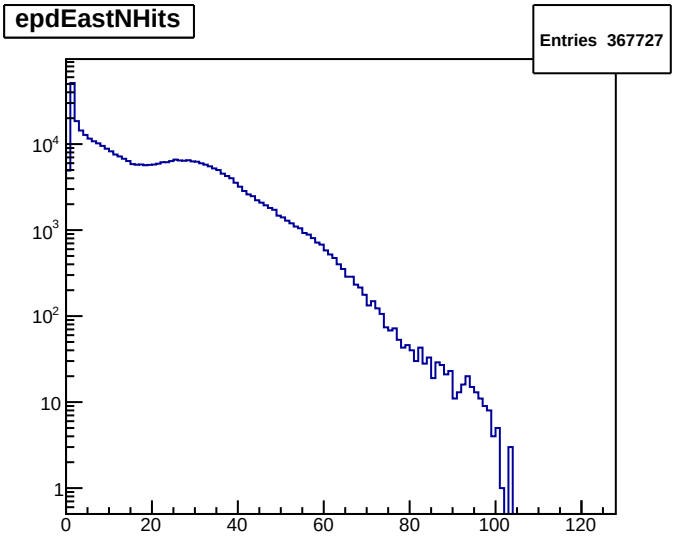

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

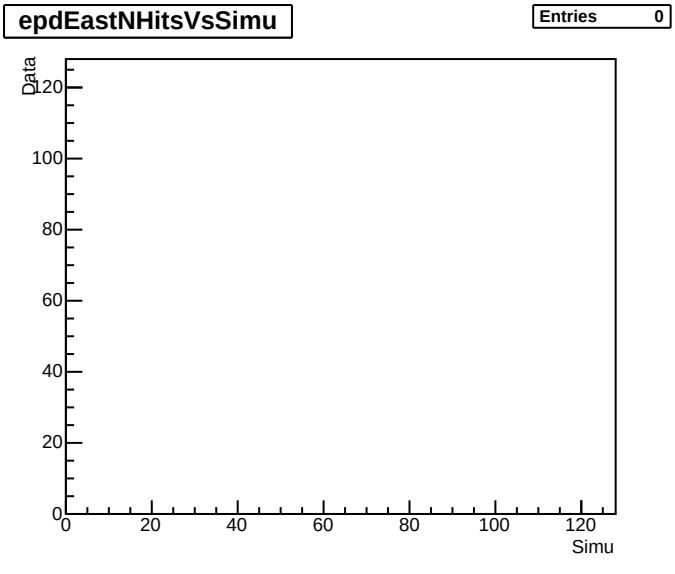

epdEastTac03
Entries 367727


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 367727


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 367727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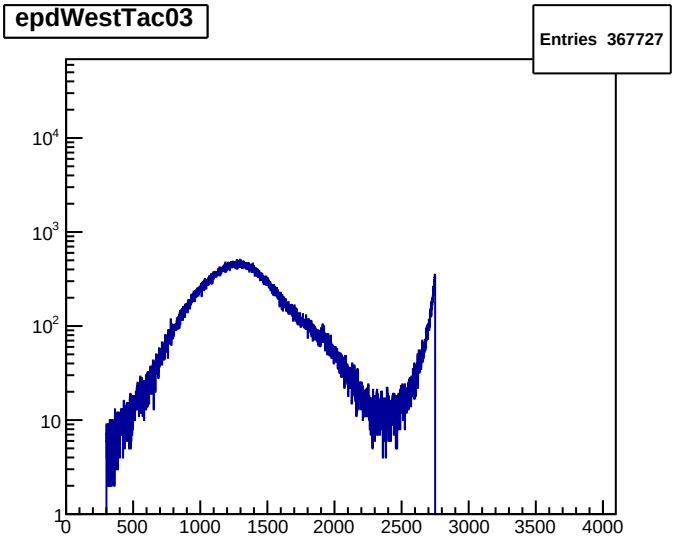
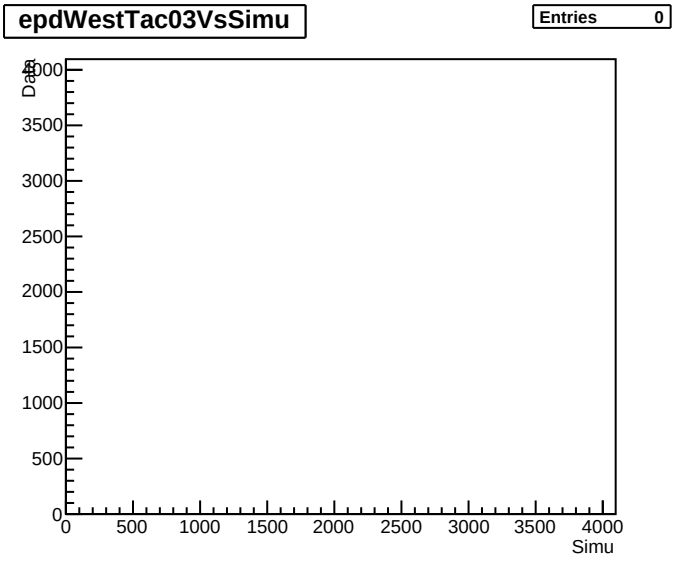
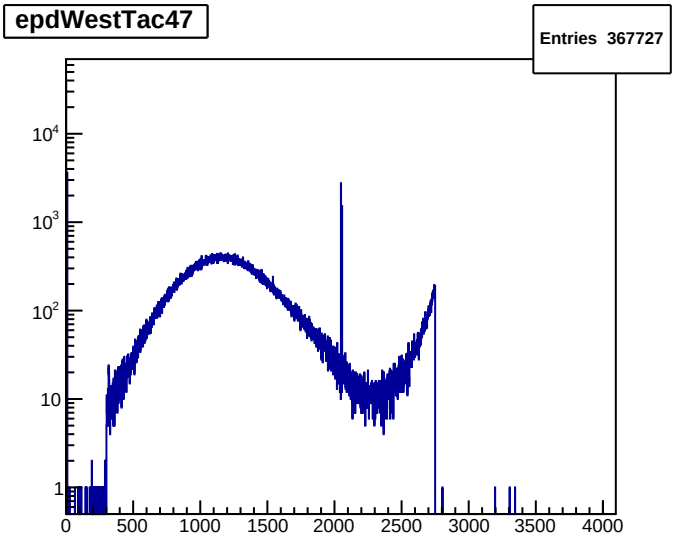
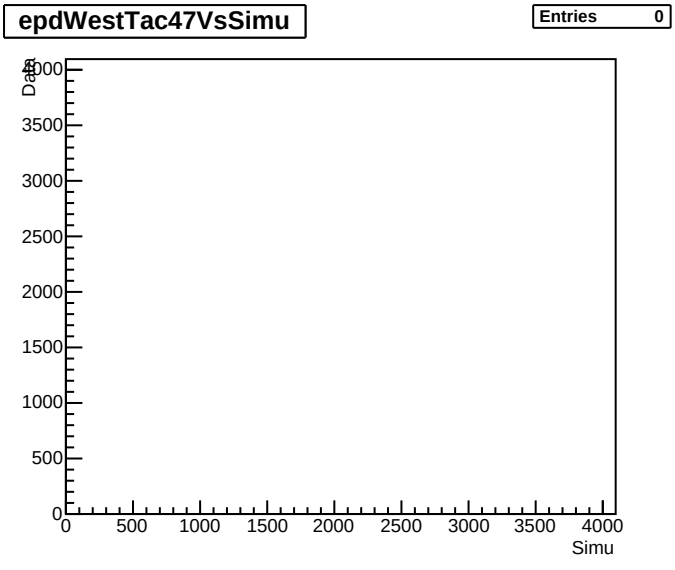
Entries 0
Data
Simu


epdWestTac03
Entries 367727


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 367727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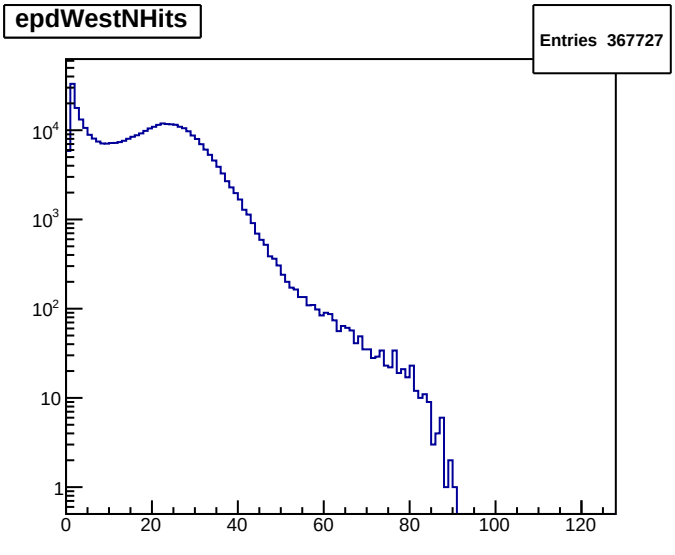
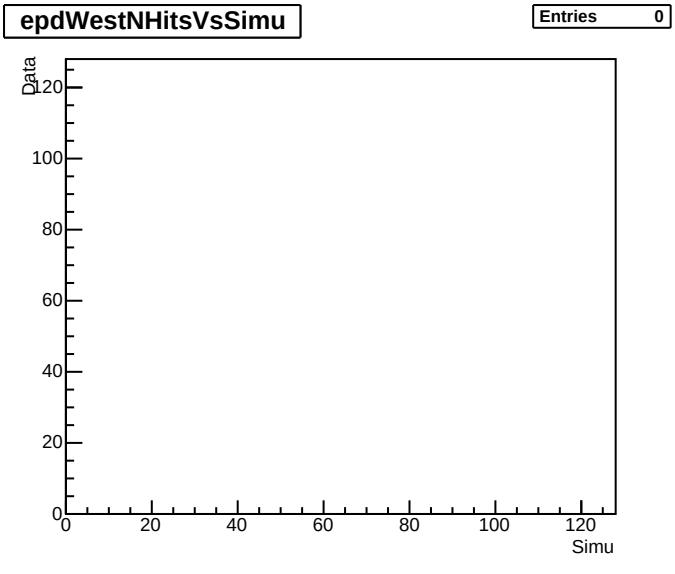
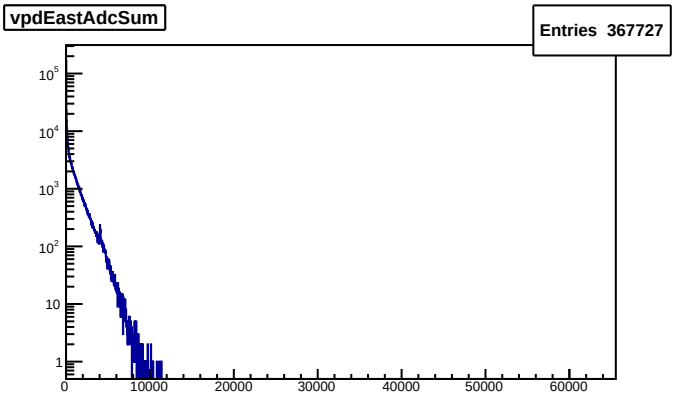
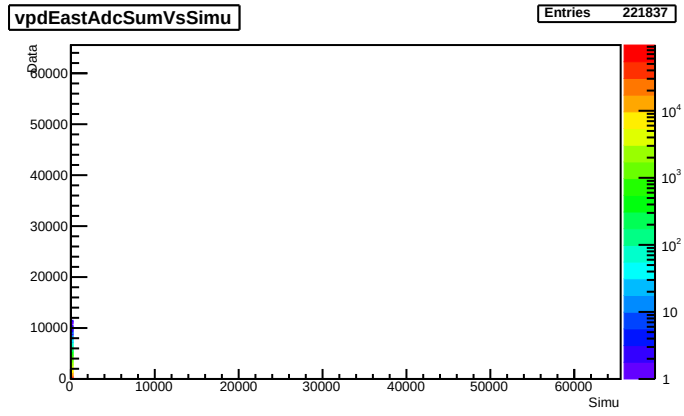
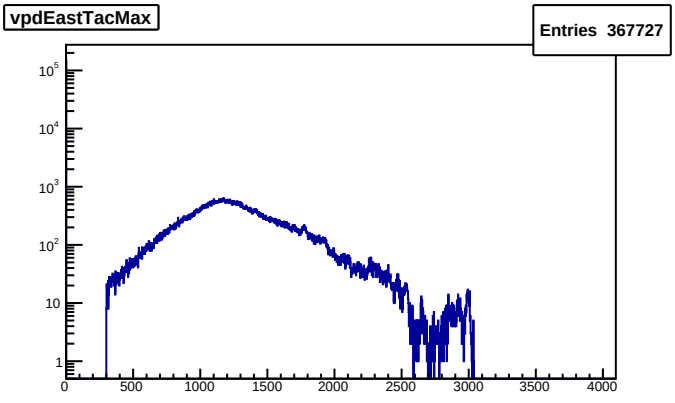
Entries 0
Data
Simu

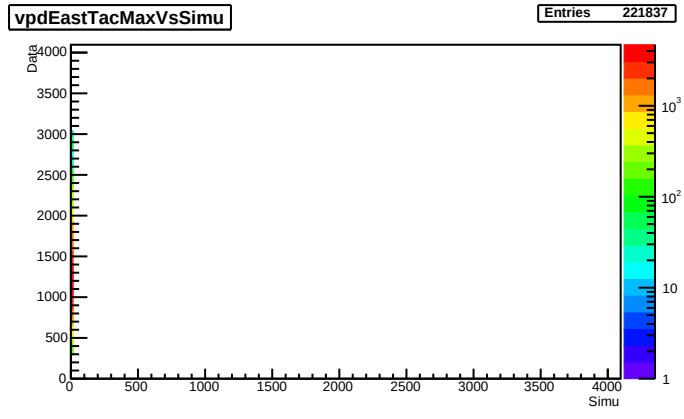

epdWestNHits
Entries 367727

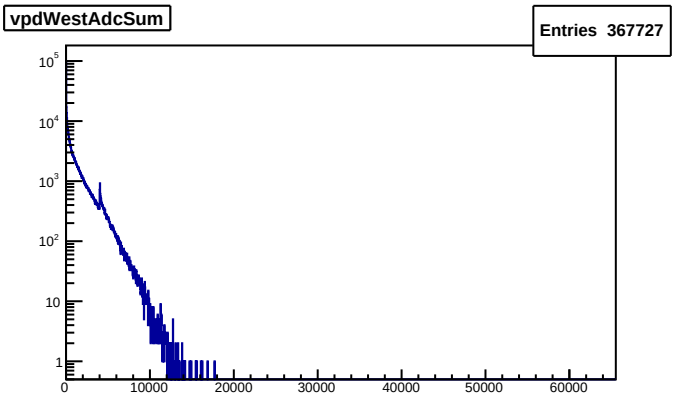

epdWestNHitsVsSimu
Entries 0
Data
Simu

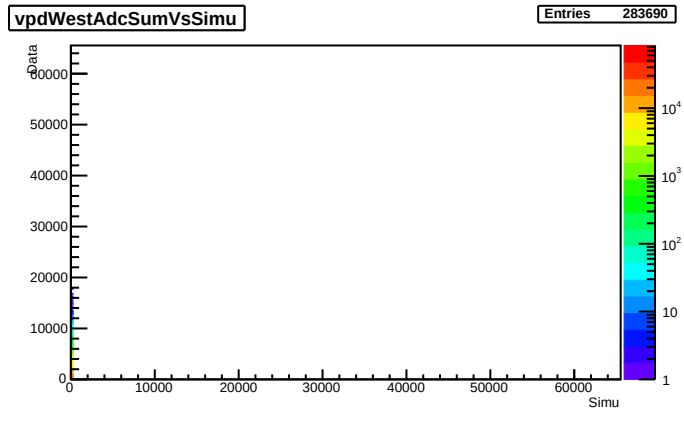

vpdEastAdcSum
Entries 367727

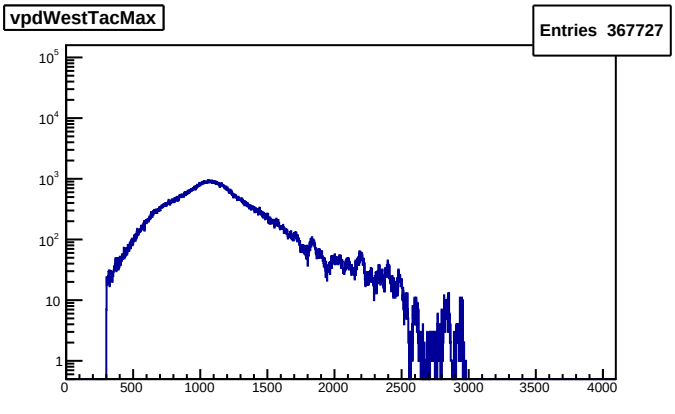

vpdEastAdcSumVsSimu
Entries 221837
Data
Simu

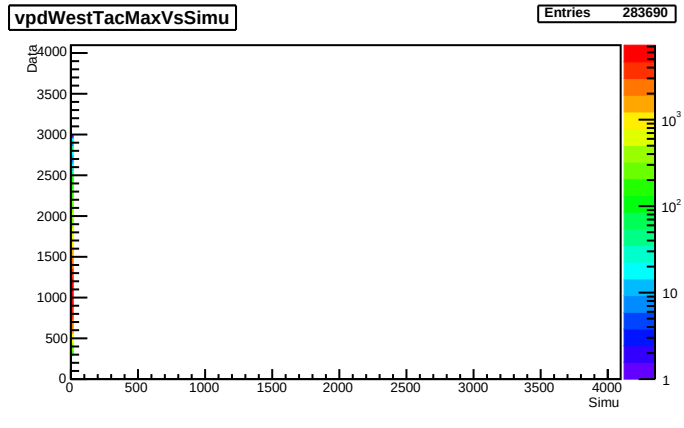

vpdEastTacMax
Entries 367727

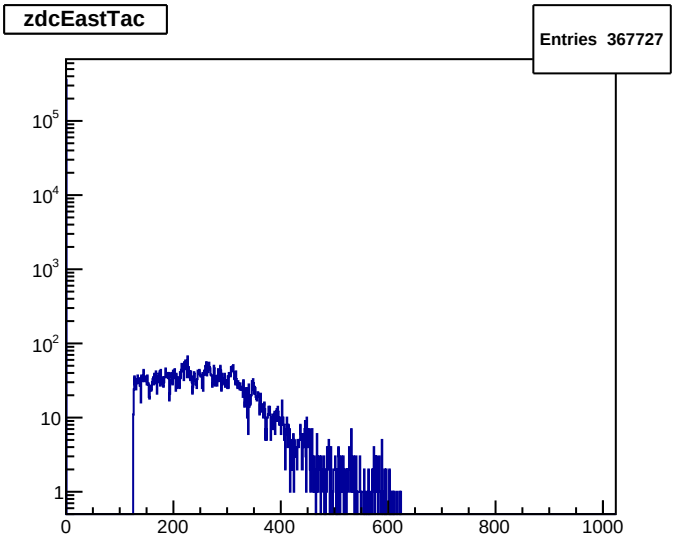

vpdEastTacMaxVsSimu
Entries 221837
Data
Simu

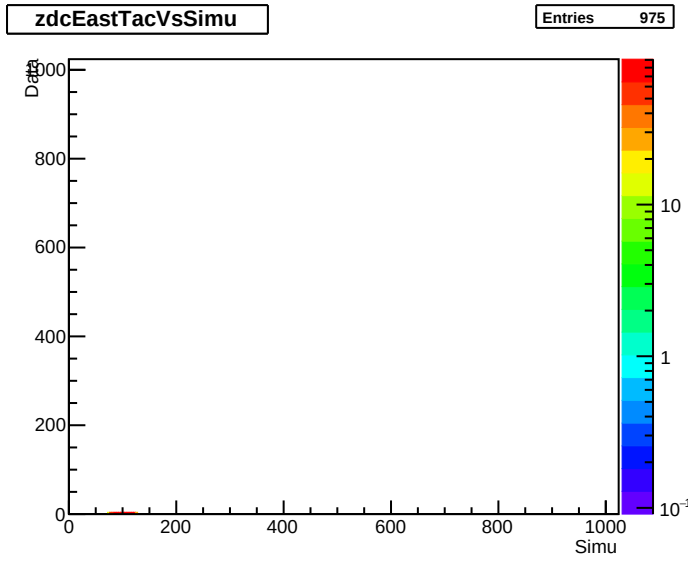

vpdWestAdcSum
Entries 367727

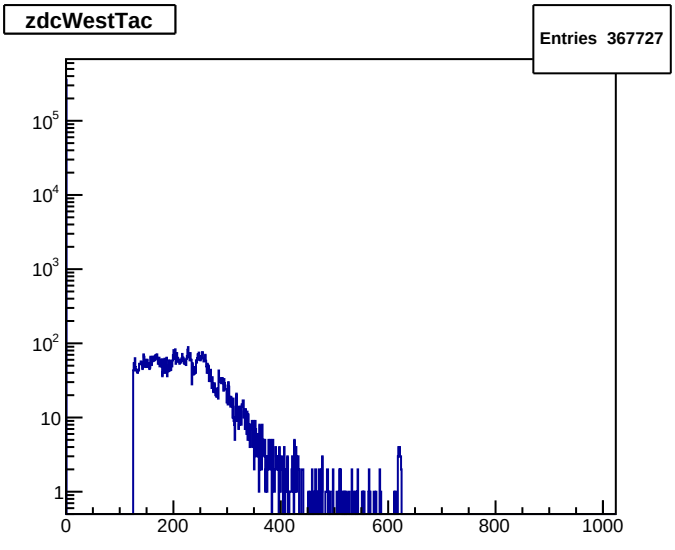

vpdWestAdcSumVsSimu
Entries 283690
Data
Simu

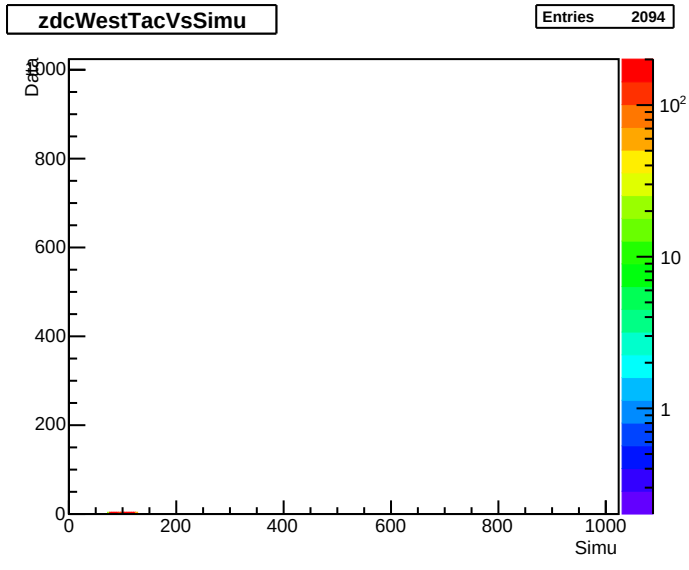

vpdWestTacMax
Entries 367727

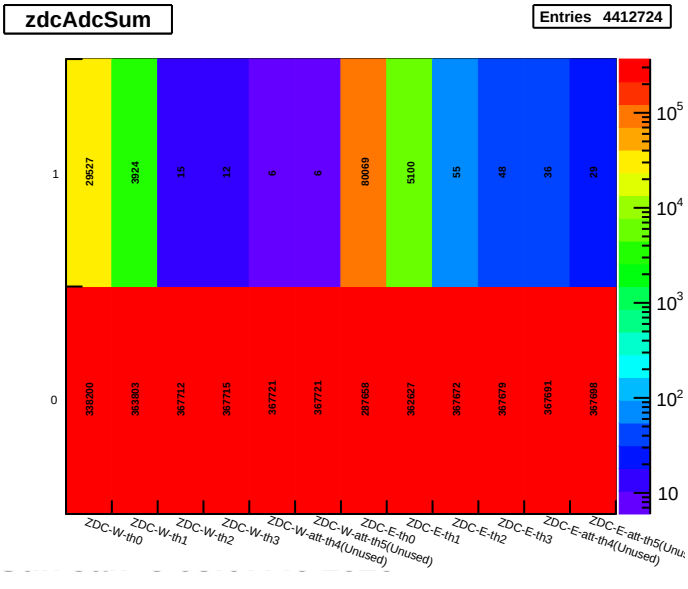

vpdWestTacMaxVsSimu
Entries 283690
Data
Simu

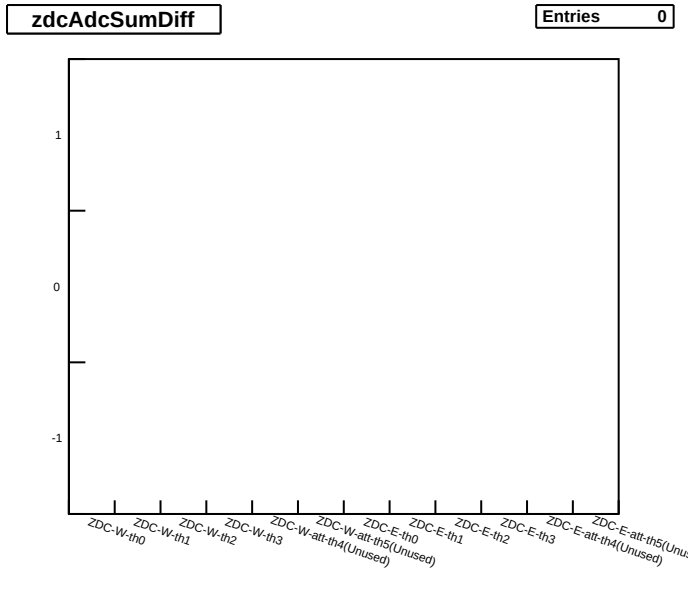

zdcEastTac
Entries 367727

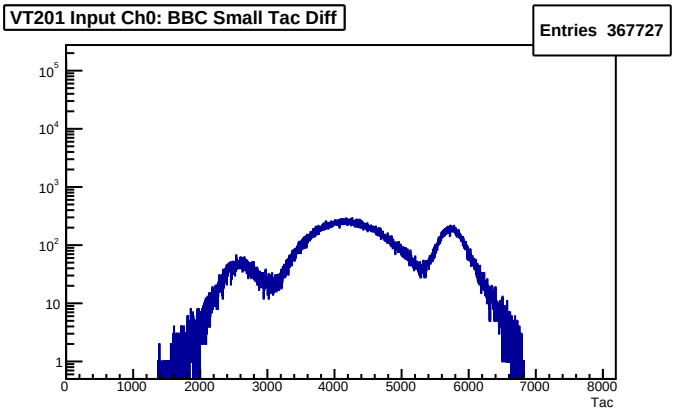

zdcEastTacVsSimu
Entries 975
Data
Simu

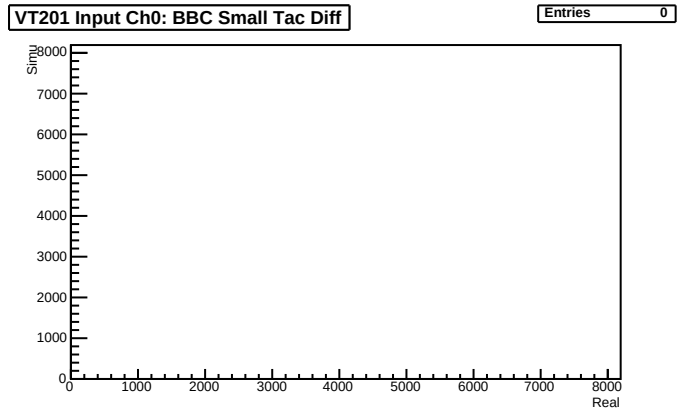

zdcWestTac
Entries 367727

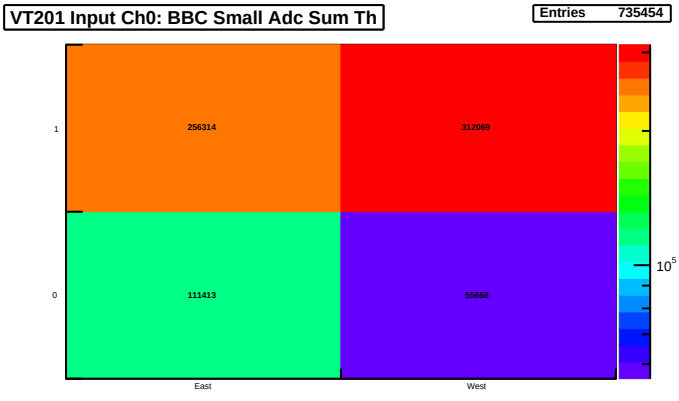

zdcWestTacVsSimu
Entries 2094
Data
Simu

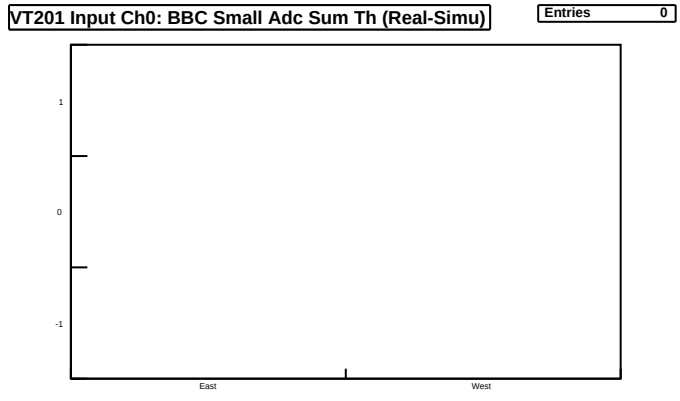

zdcAdcSum
Entries 4412724
29527
3924
15
12
6
6
80069
5100
55
48
36
29
338200
363803
367712
367715
367721
367721
287658
362627
367672
367679
367691
367688
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

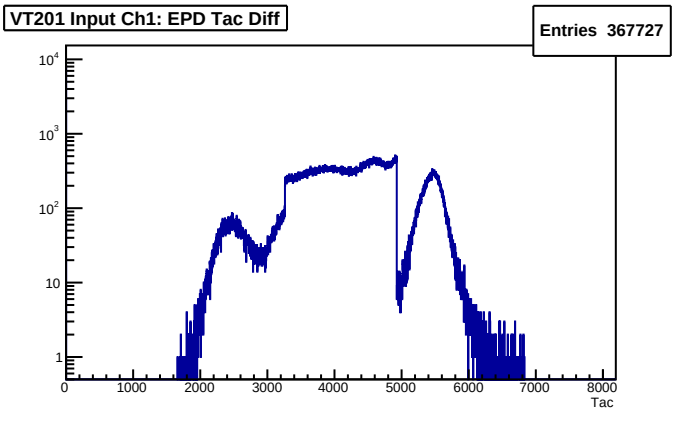

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

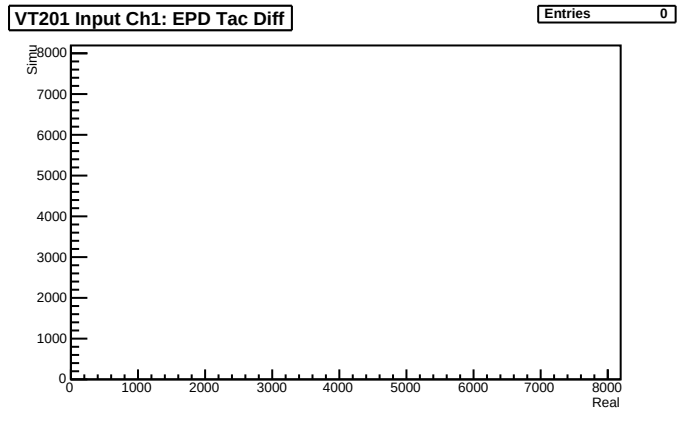

VT201 Input Ch0: BBC Small Tac Diff
Entries 367727
Tac

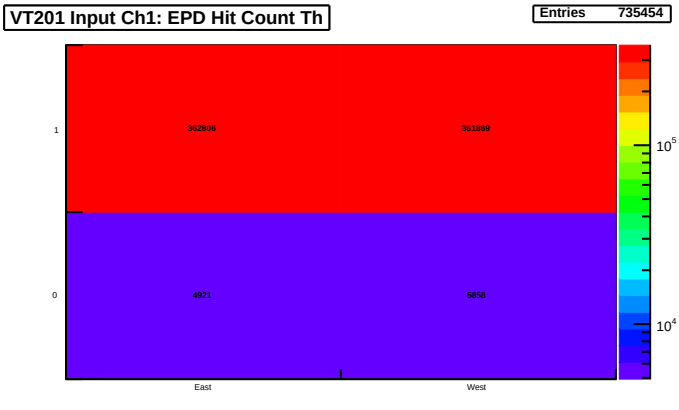

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

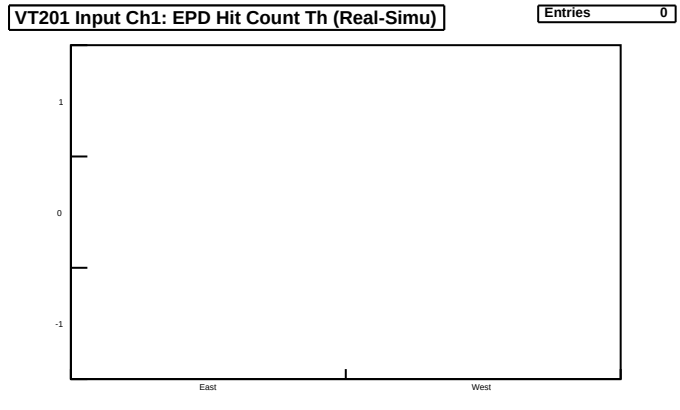

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 735454
256314
312069
111413
55658
East
West

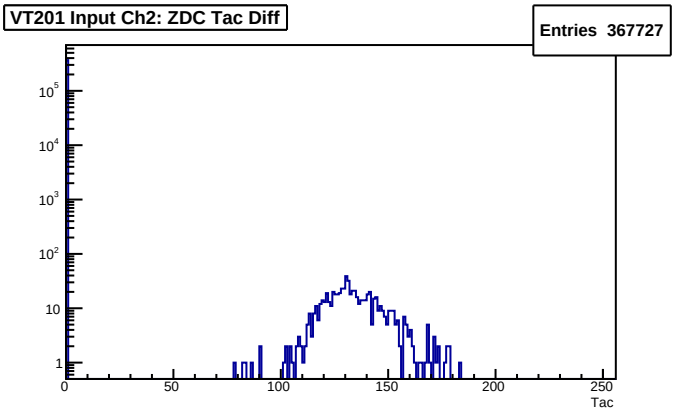

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

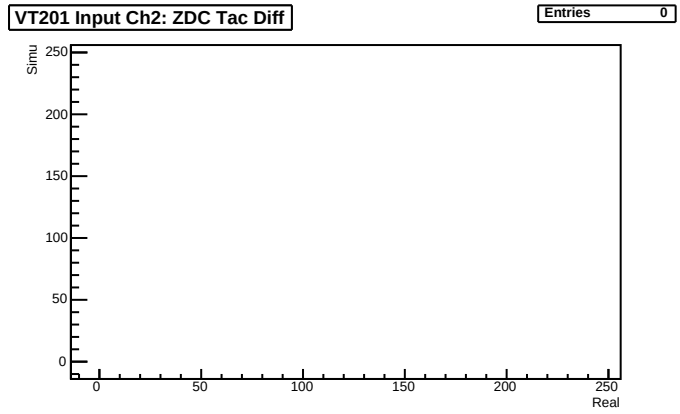

VT201 Input Ch1: EPD Tac Diff
Entries 367727
Tac

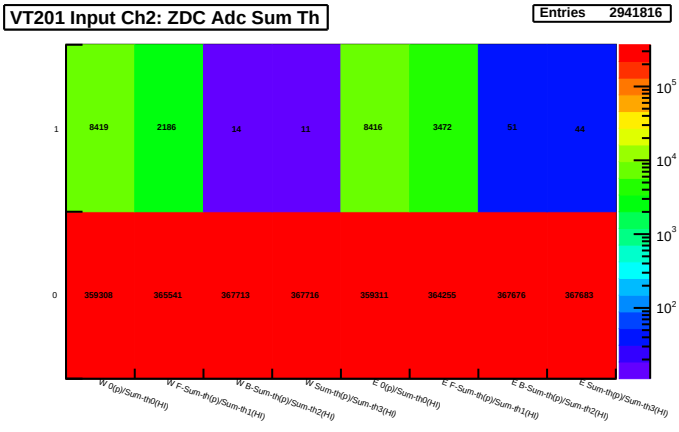

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

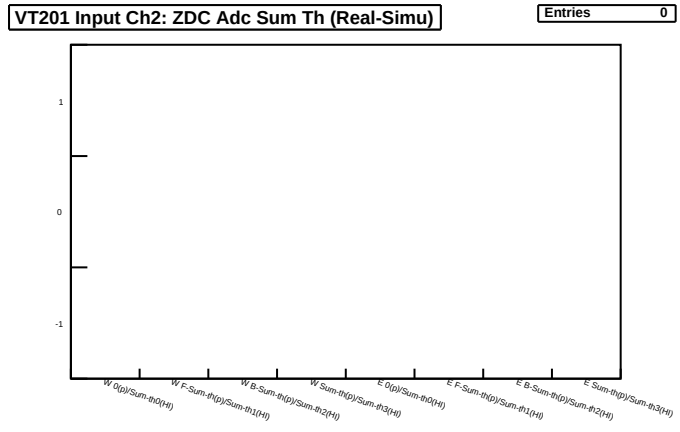

VT201 Input Ch1: EPD Hit Count Th
Entries 735454
362806
361869
4921
5858
East
West

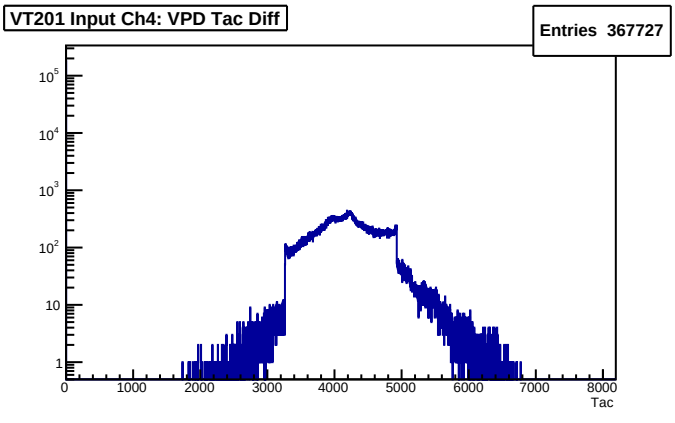

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

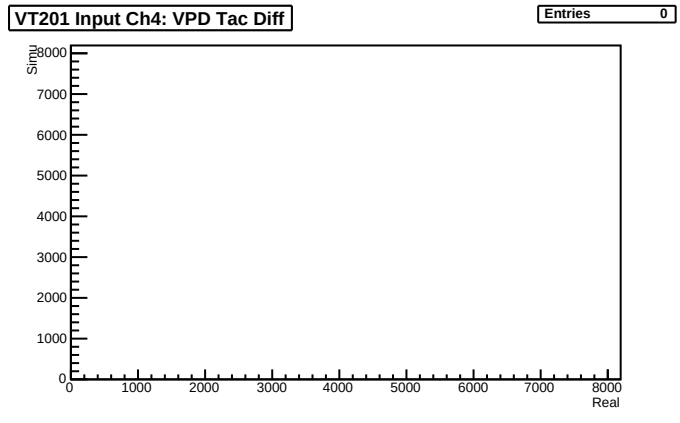

VT201 Input Ch2: ZDC Tac Diff
Entries 367727
Tac

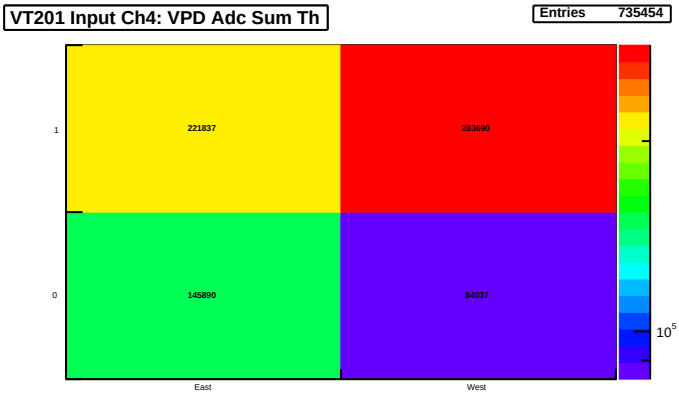

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

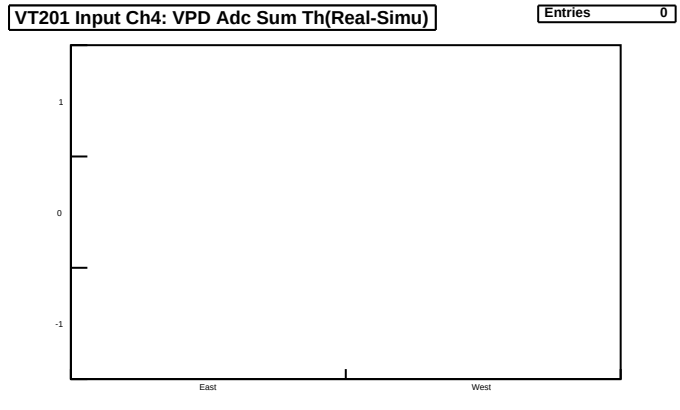

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2941816
8419
2186
14
11
8416
3472
51
44
359308
365541
367713
367716
359311
364255
367676
367683
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

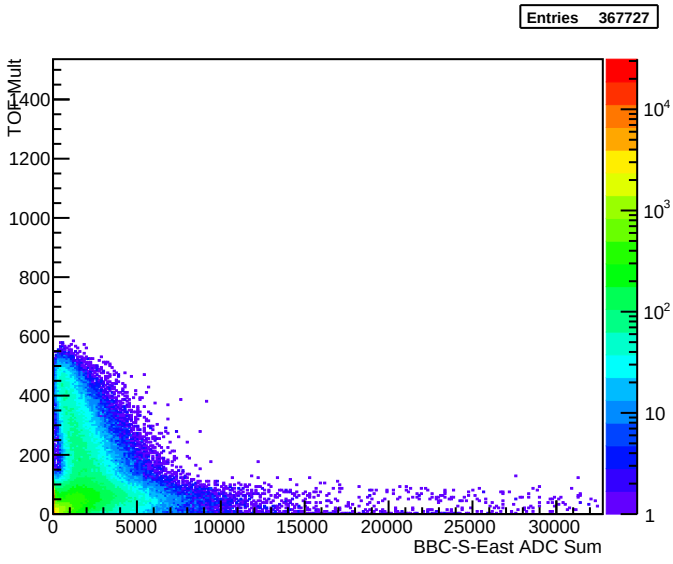

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

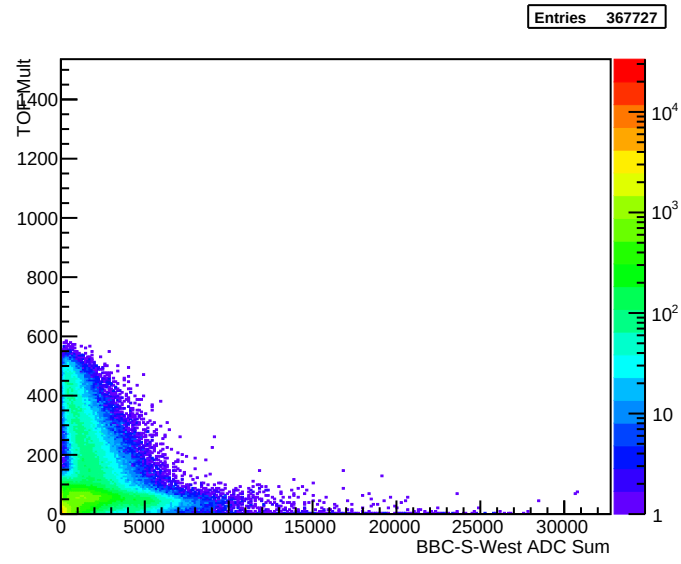

VT201 Input Ch4: VPD Tac Diff
Entries 367727
Tac

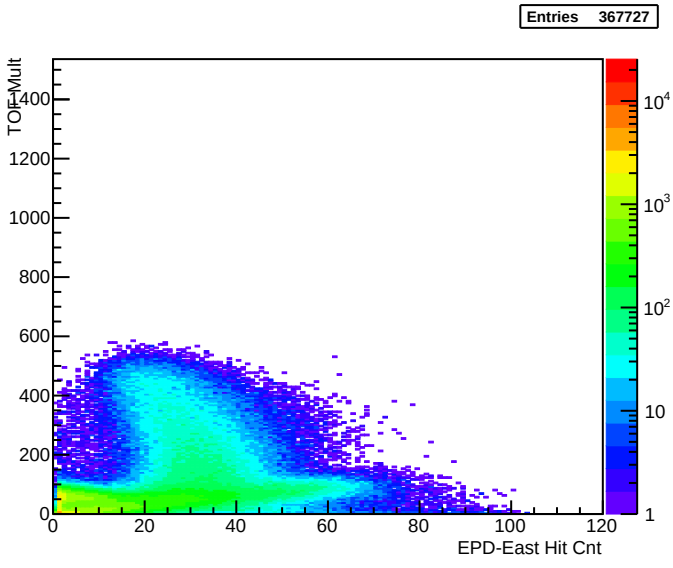

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

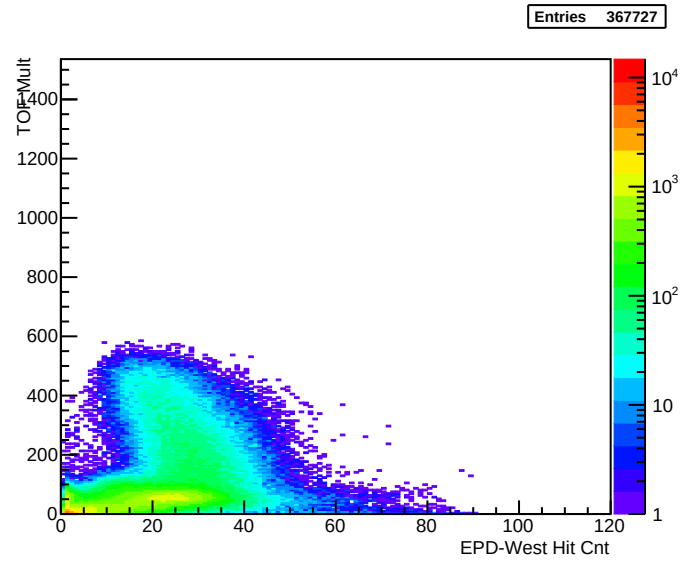

VT201 Input Ch4: VPD Adc Sum Th
Entries 735454
221837
283690
145890
84037
East
West

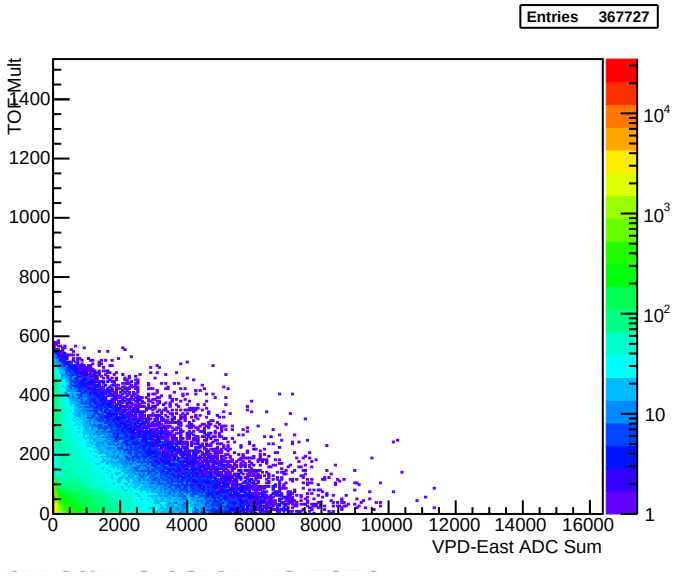

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

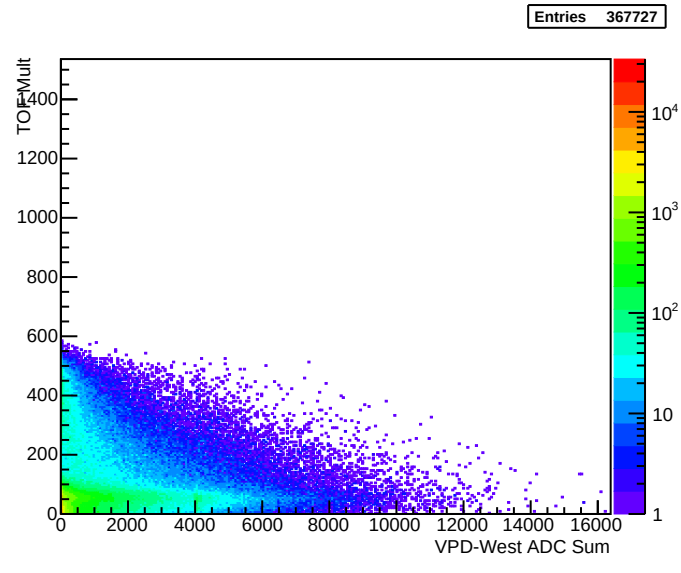

Entries 367727
TOF-Mult
BBC-S-East ADC Sum

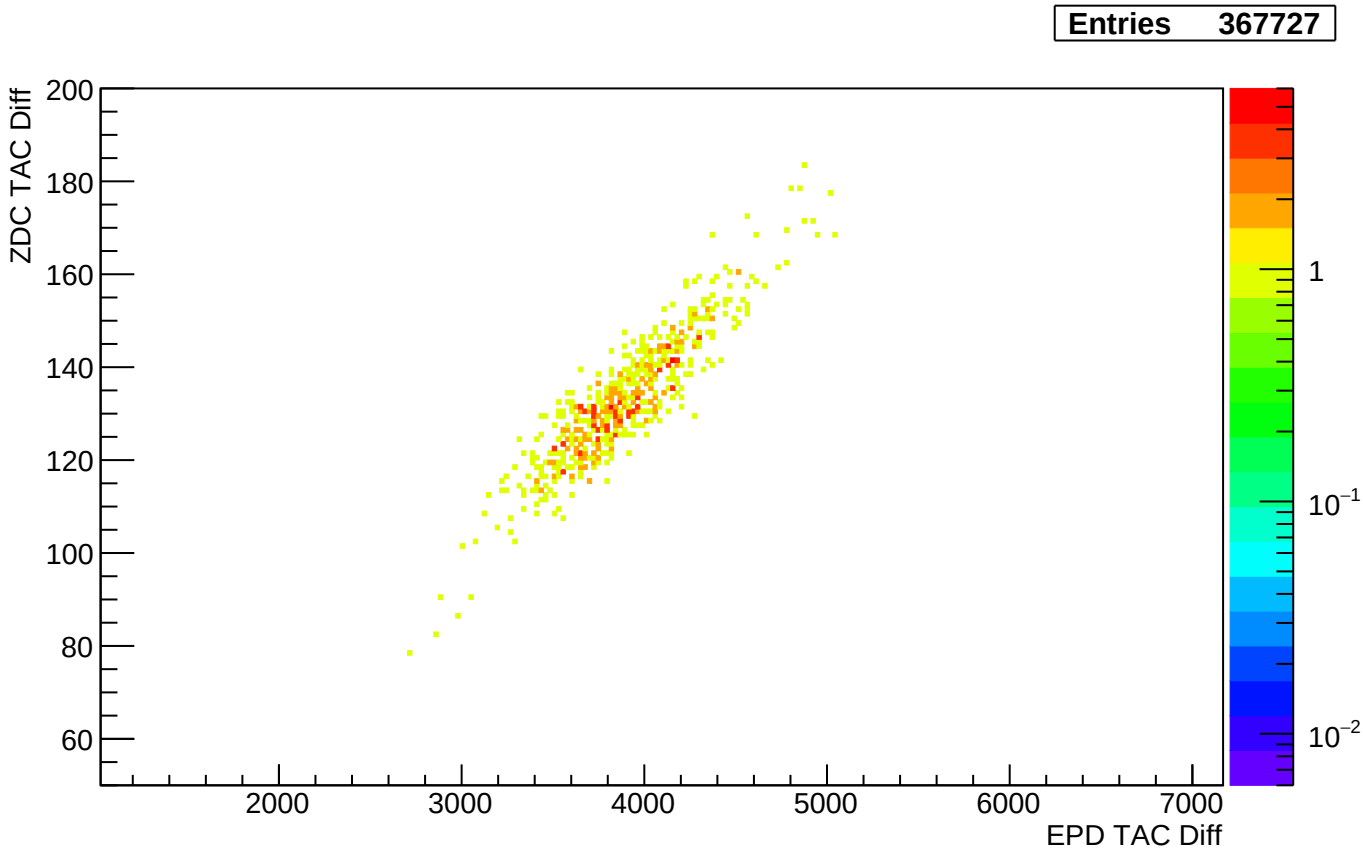

Entries 367727
TOF-Mult
BBC-S-West ADC Sum

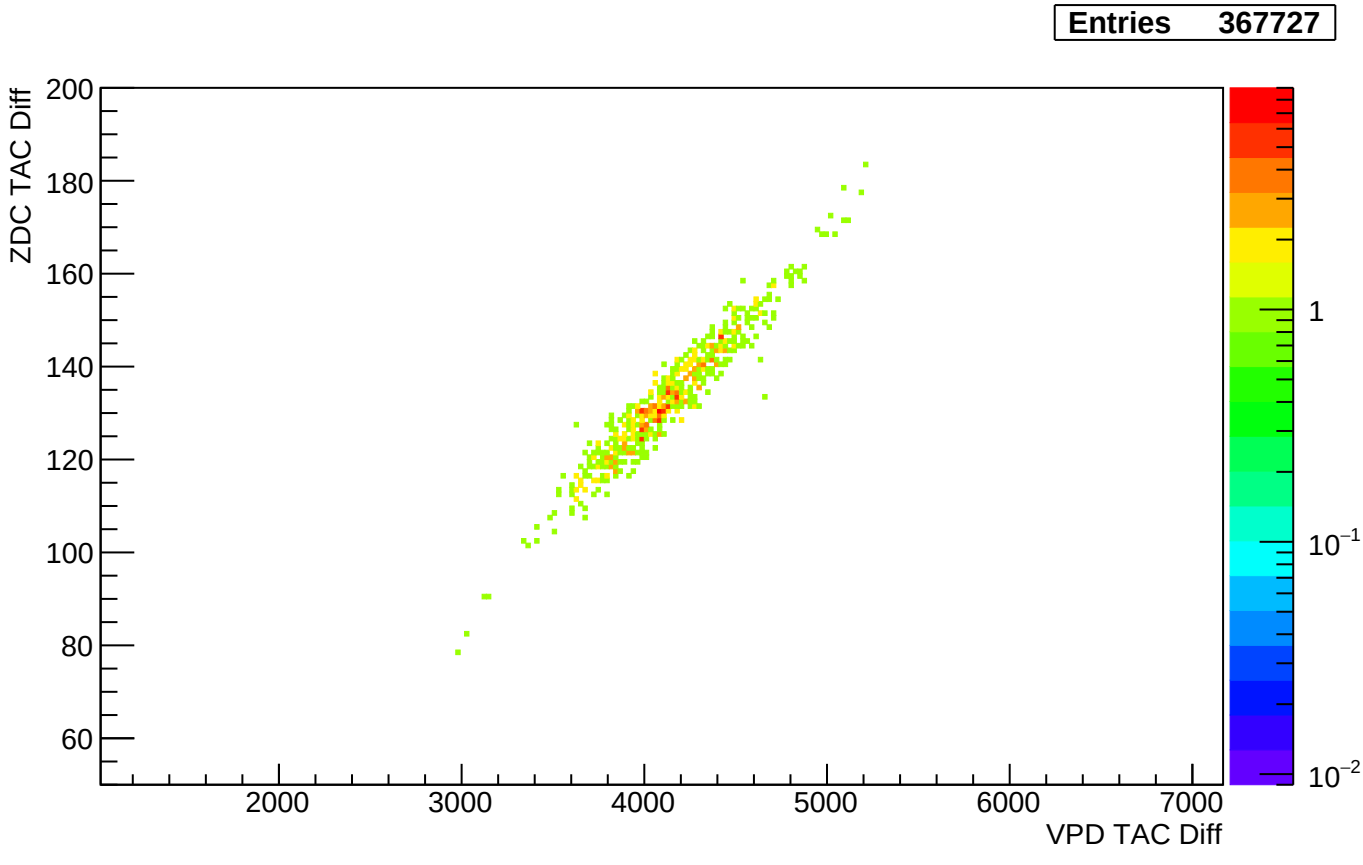

Entries 367727
TOF-Mult
EPD-East Hit Cnt

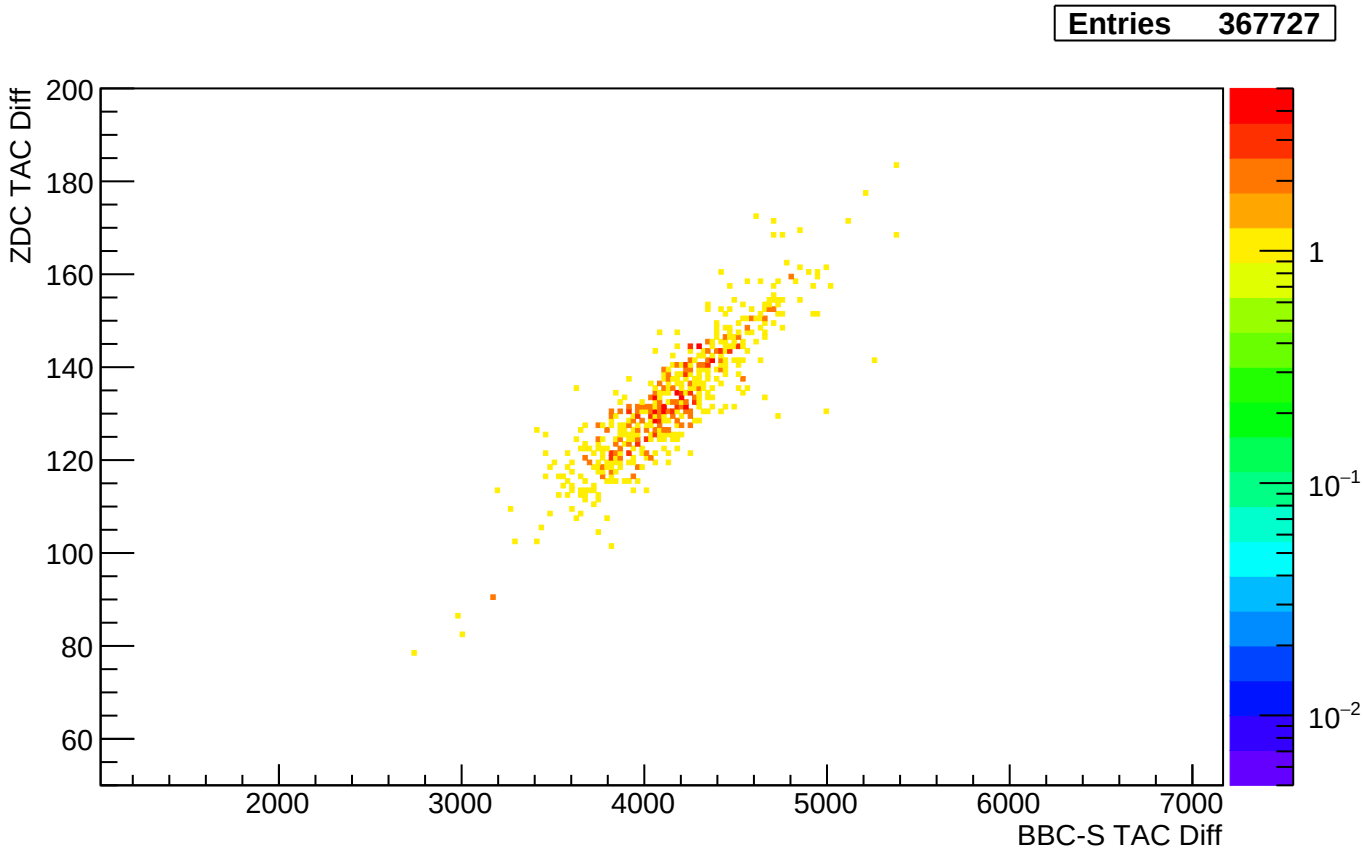

Entries 367727
TOF-Mult
EPD-West Hit Cnt

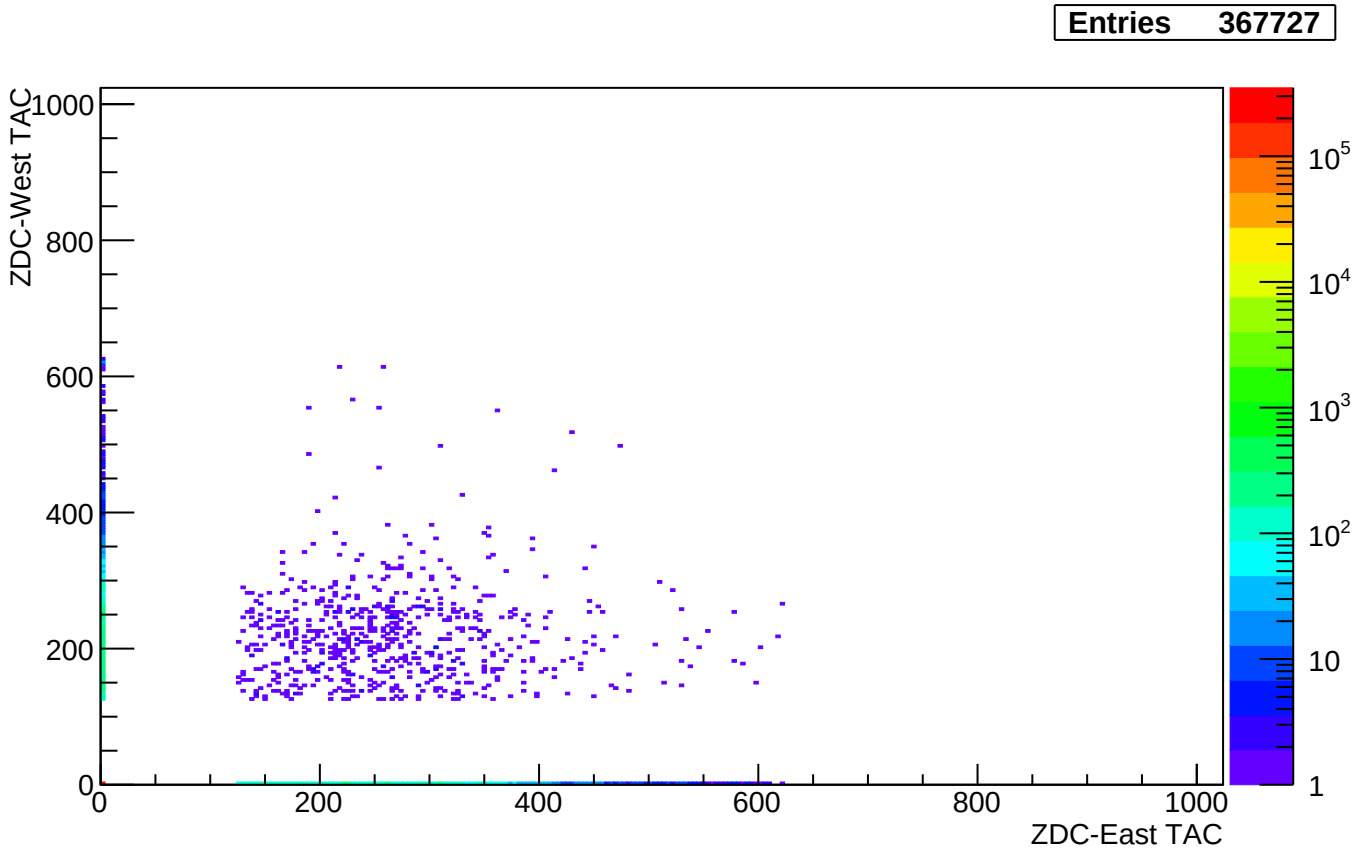

Entries 367727
TOF-Mult
VPD-East ADC Sum

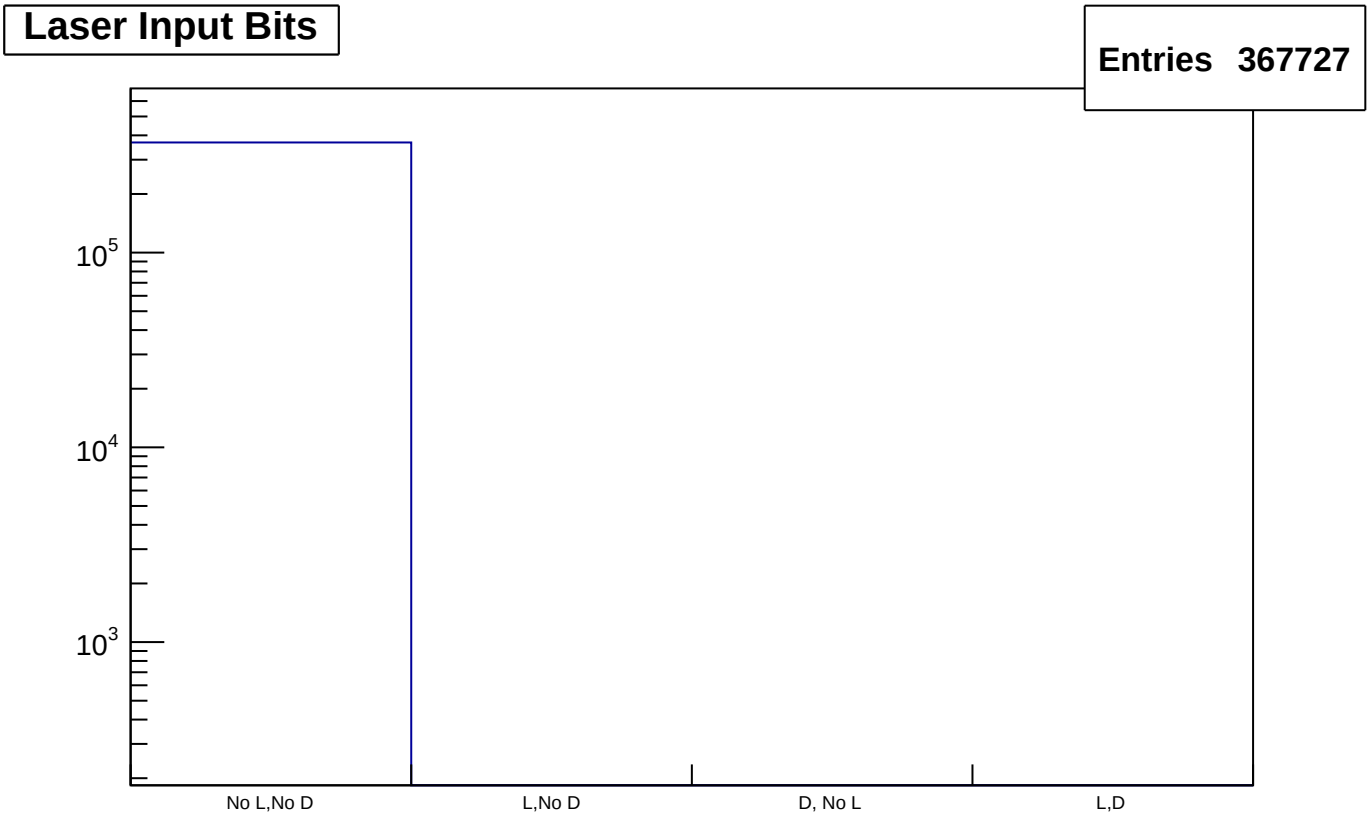

Entries 367727
TOF-Mult
VPD-West ADC Sum

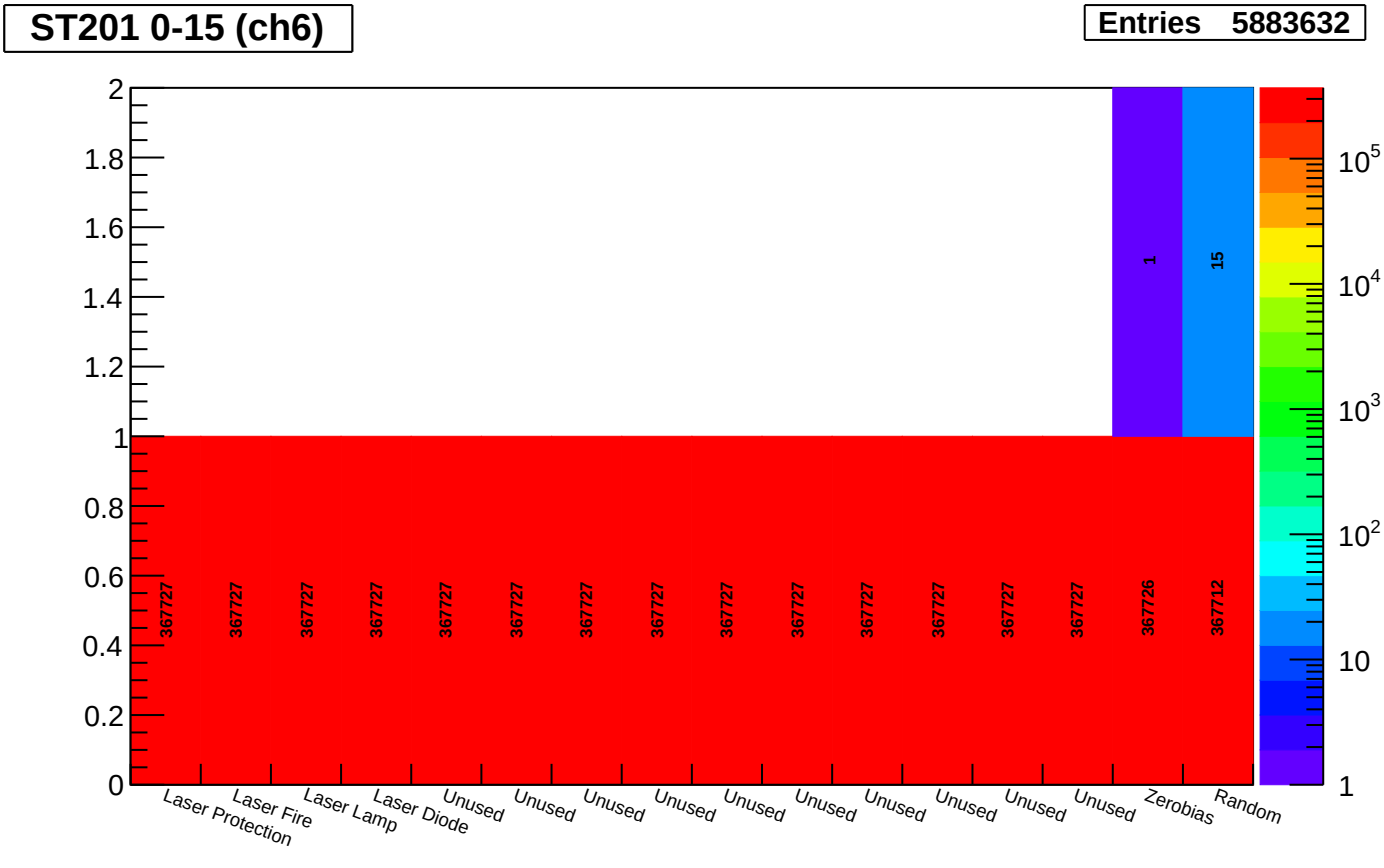

Entries 367727
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

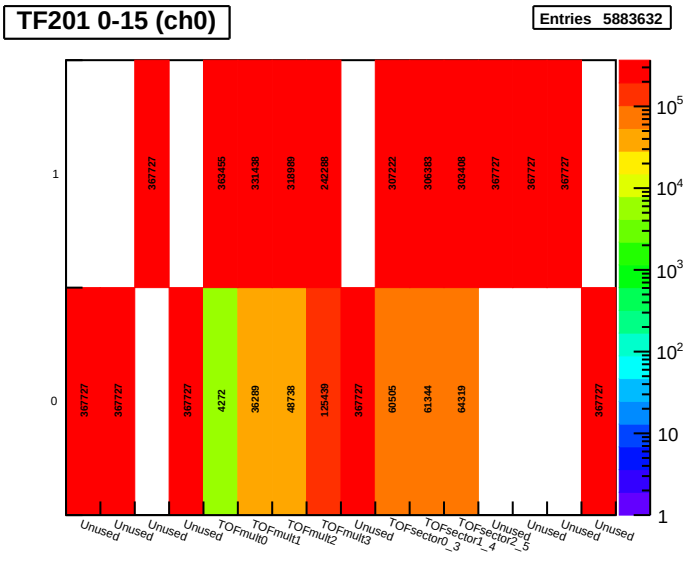

Entries 367727
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

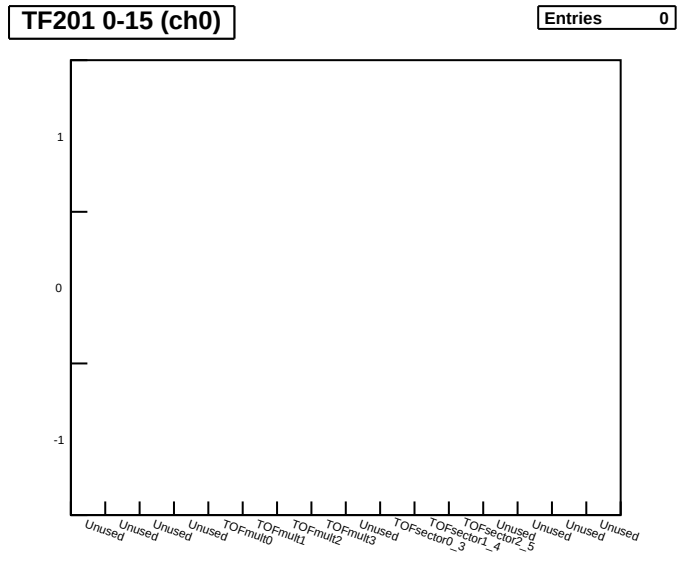

Entries 367727
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

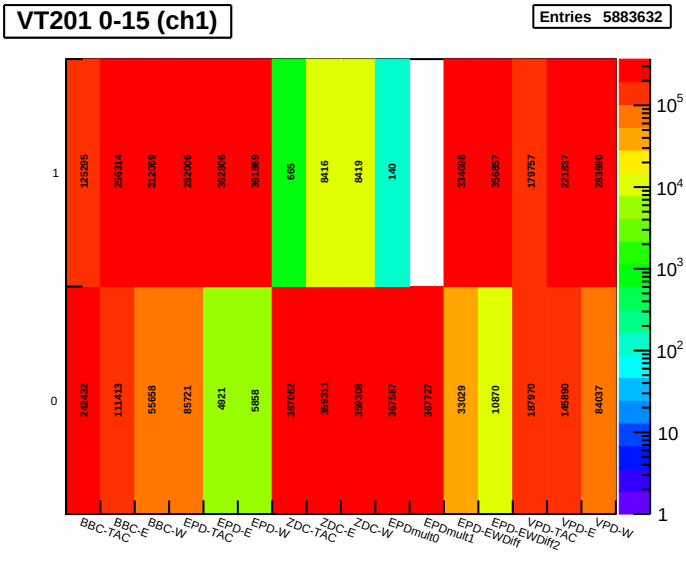

Entries 367727
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

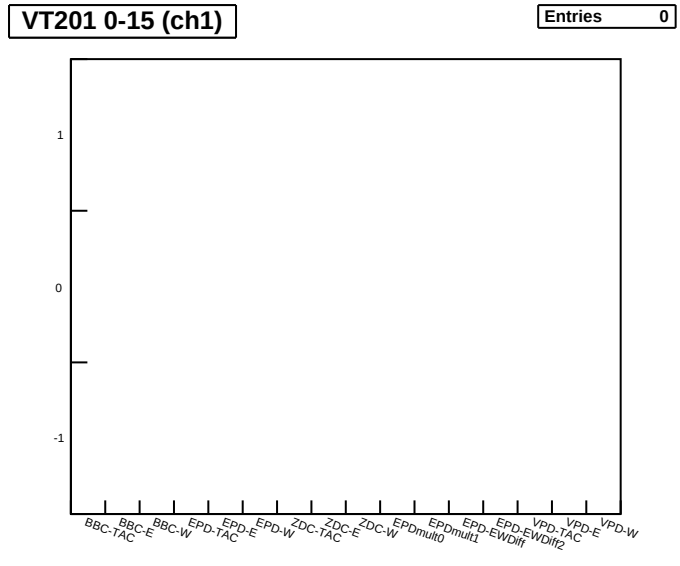

Laser Input Bits
Entries 367727
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

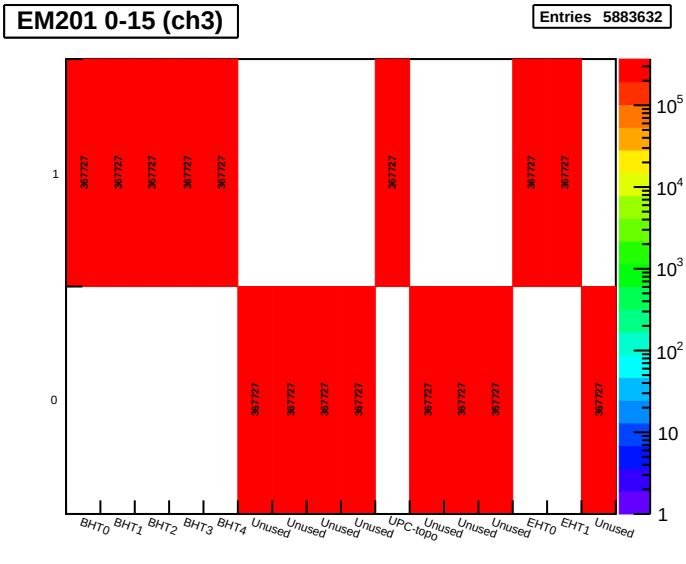

ST201 0-15 (ch6)
Entries 5883632
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
367727
367727
367727
367727
367727
367727
367727
367727
367727
367727
367727
367727
367727
367727
367726
367712
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

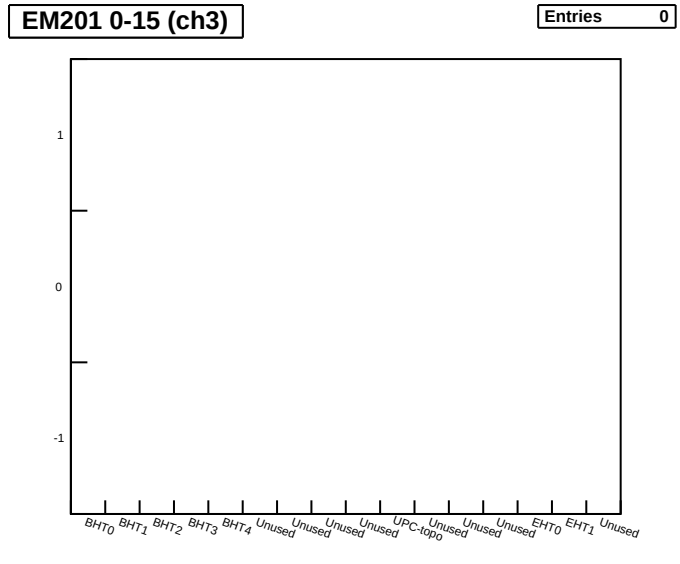

TF201 0-15 (ch0)
Entries 5883632
1
0
367727
363455
331438
318989
242288
307222
306383
303408
367727
367727
367727
367727
367727
367727
4272
36289
48738
125439
60505
61344
64319
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5883632
1
0
125295
256314
312069
282006
362806
361869
665
8416
8419
140
334698
356857
179757
221837
283680
242432
111413
55658
85721
4921
5858
367062
359311
359308
367587
367727
33029
10870
187970
145890
84037
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 5883632
1
0
367727
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1