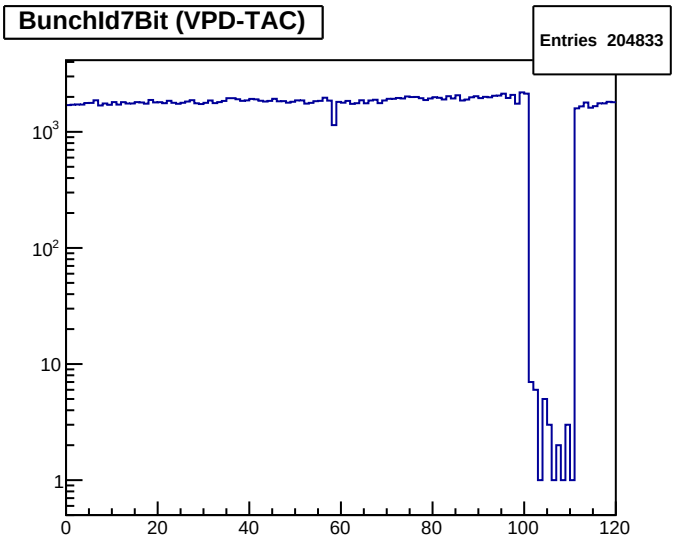
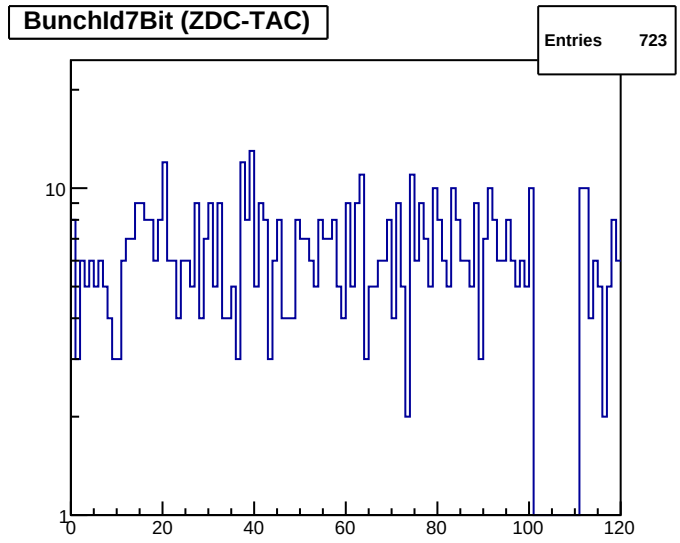
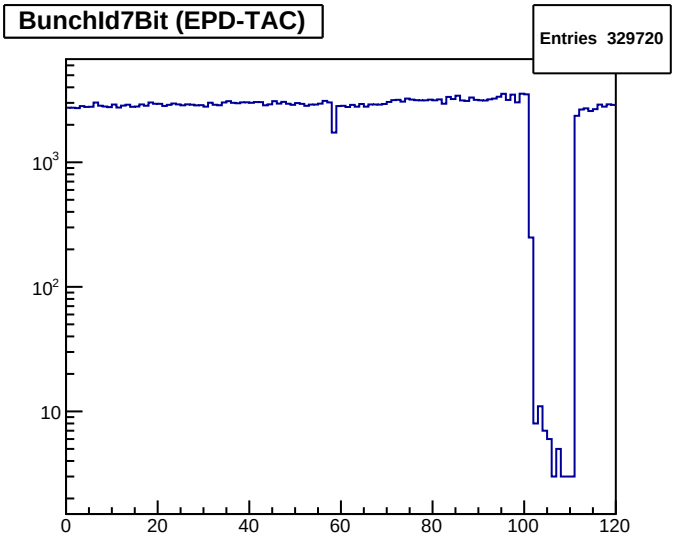
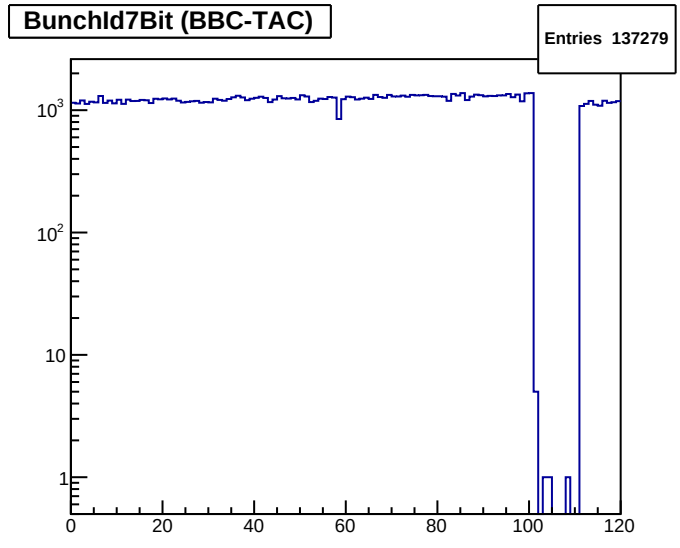
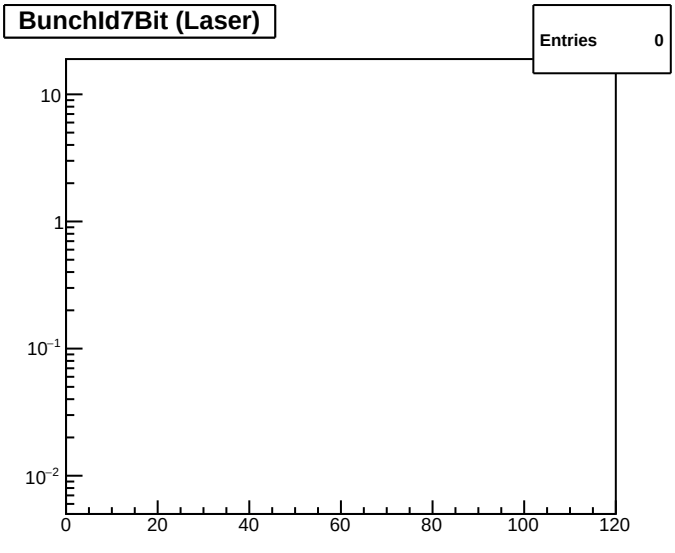
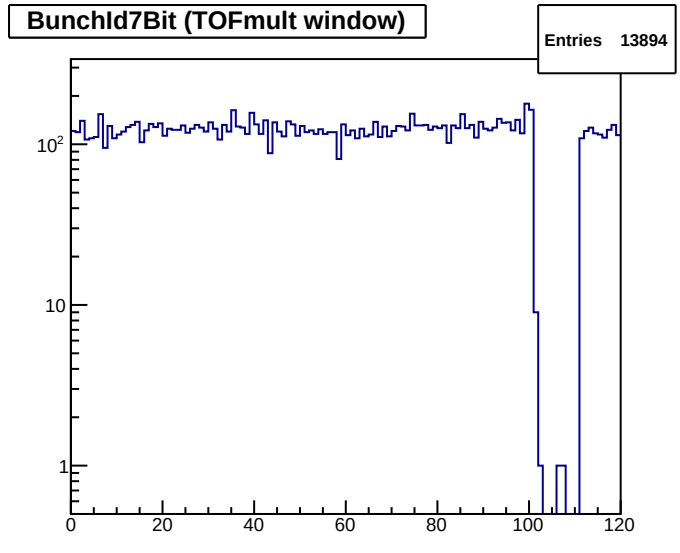

BunchId7Bit (VPD-TAC)
Entries 204833

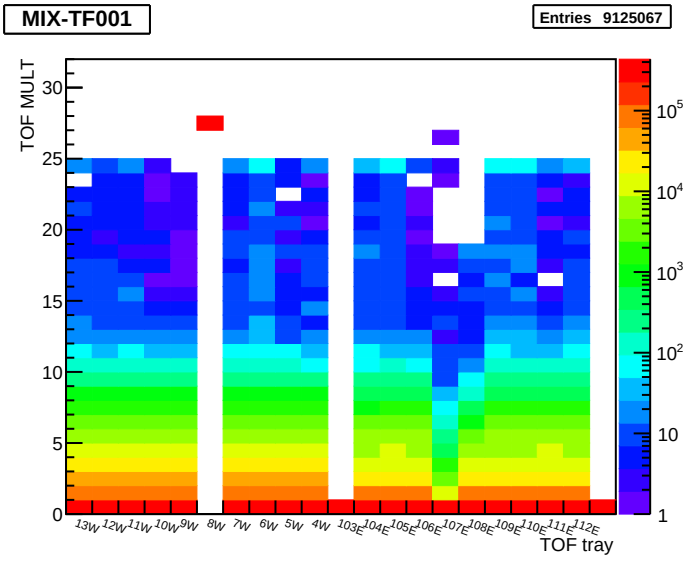

BunchId7Bit (ZDC-TAC)
Entries 723

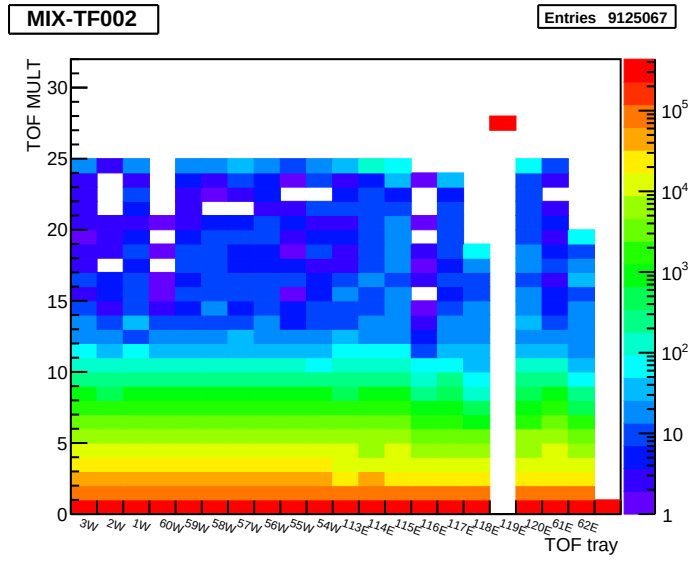

BunchId7Bit (EPD-TAC)
Entries 329720

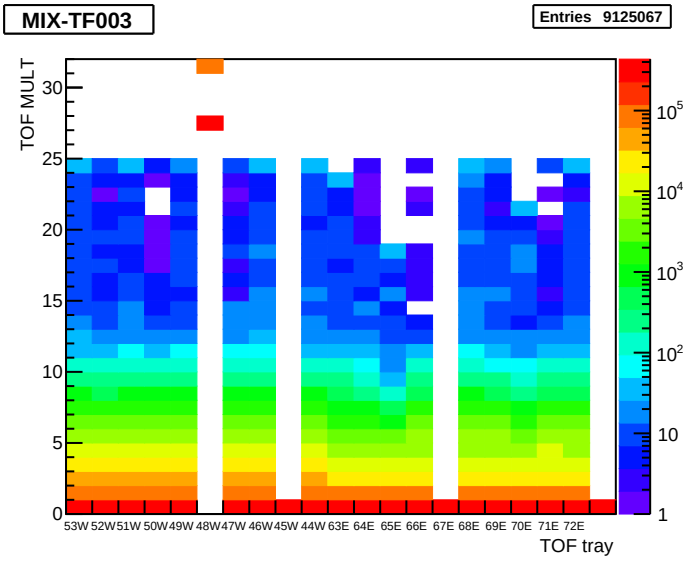

BunchId7Bit (BBC-TAC)
Entries 137279

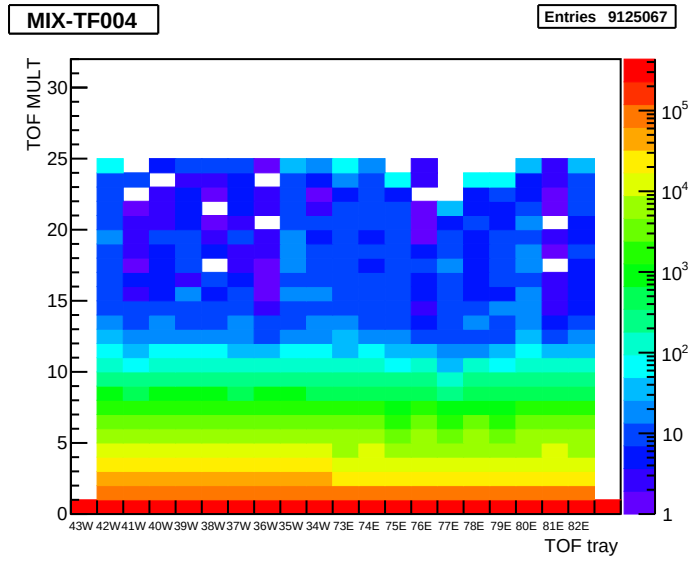

BunchId7Bit (Laser)
Entries 0

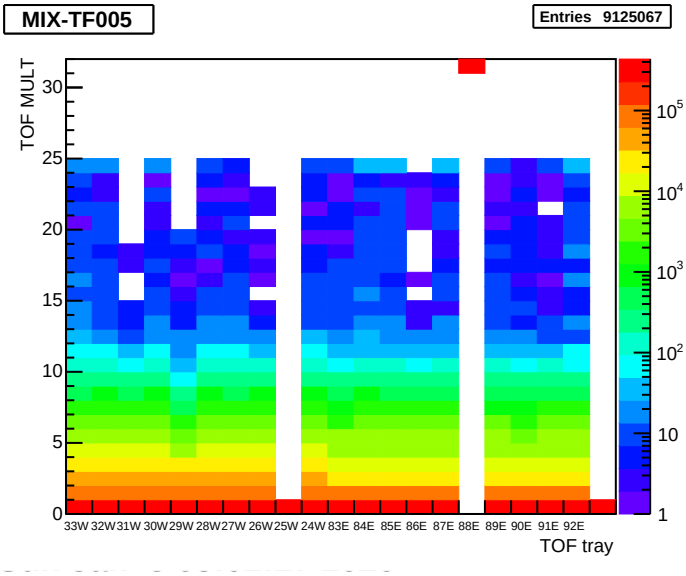

BunchId7Bit (TOFmult window)
Entries 13894

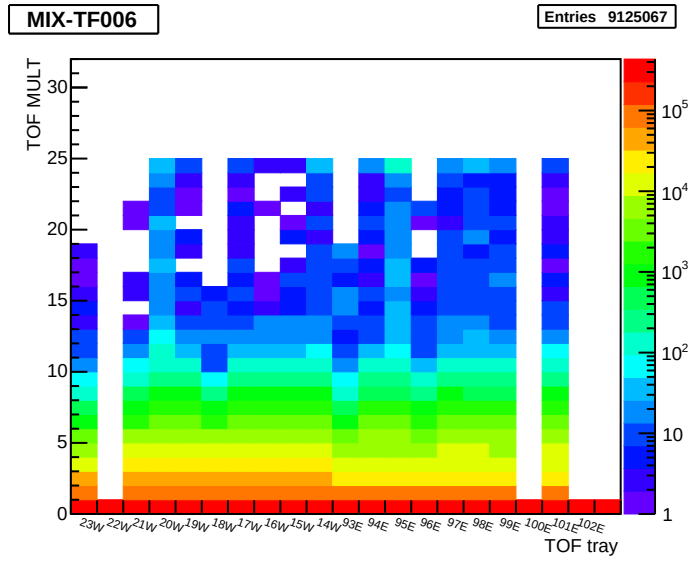

MIX-TF001
Entries 9125067
TOF MULT
TOF tray

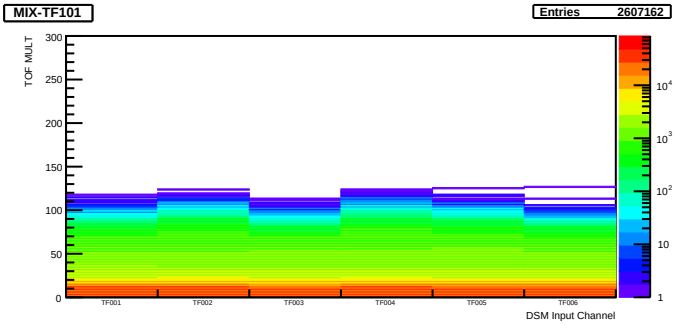

MIX-TF002
Entries 9125067
TOF MULT
TOF tray

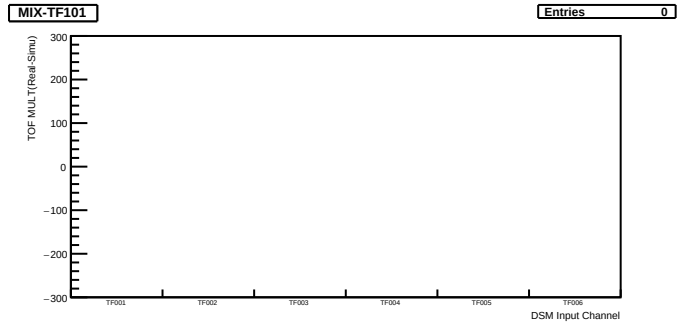

MIX-TF003
Entries 9125067
TOF MULT
TOF tray

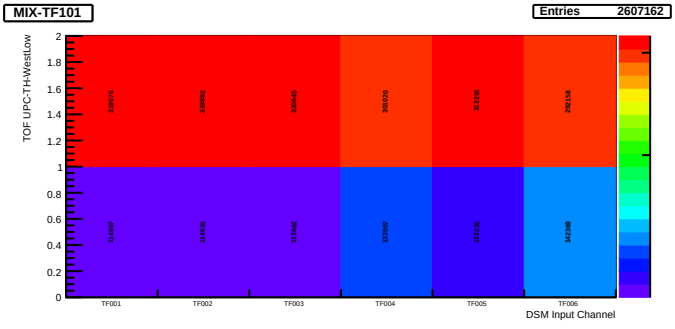

MIX-TF004
Entries 9125067
TOF MULT
TOF tray

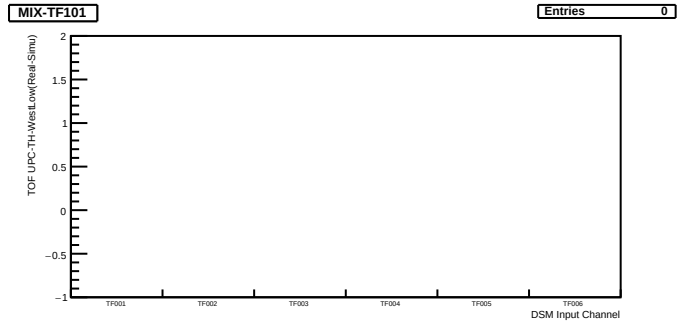

MIX-TF005
Entries 9125067
TOF MULT
TOF tray

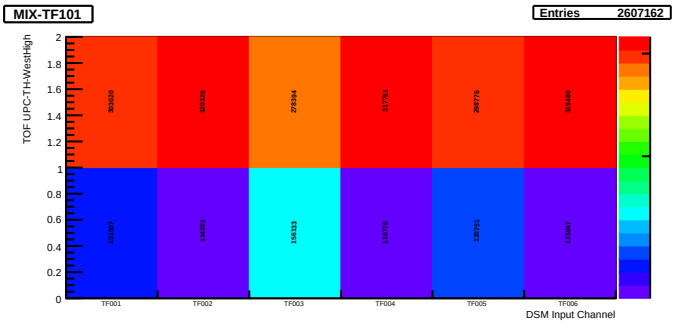

MIX-TF006
Entries 9125067
TOF MULT
TOF tray

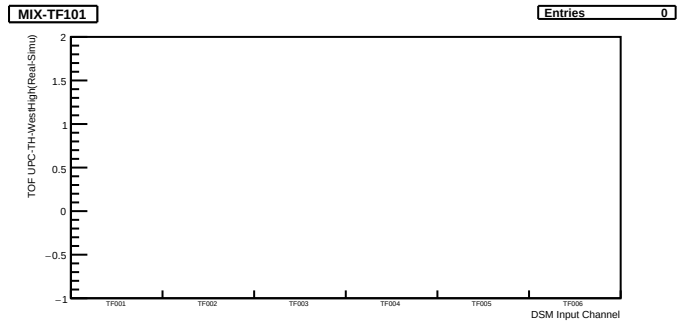

MIX-TF101
Entries 2607162
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

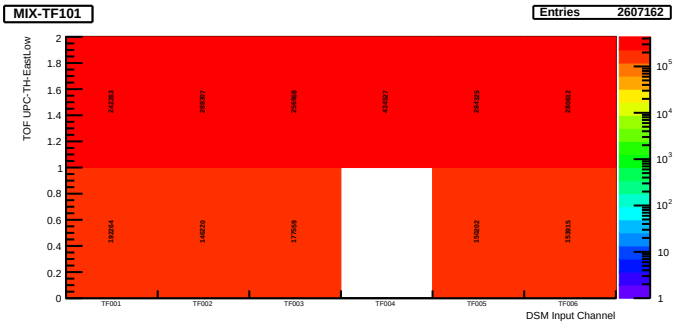

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

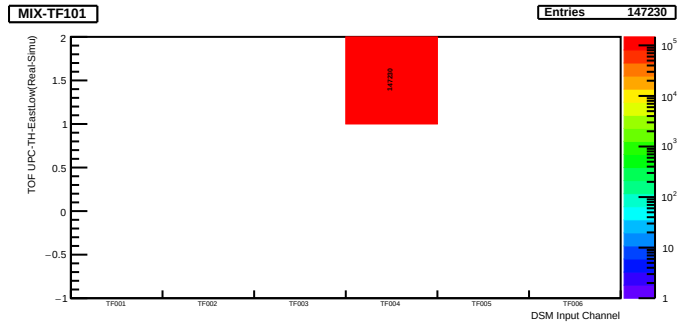

MIX-TF101
Entries 2607162
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

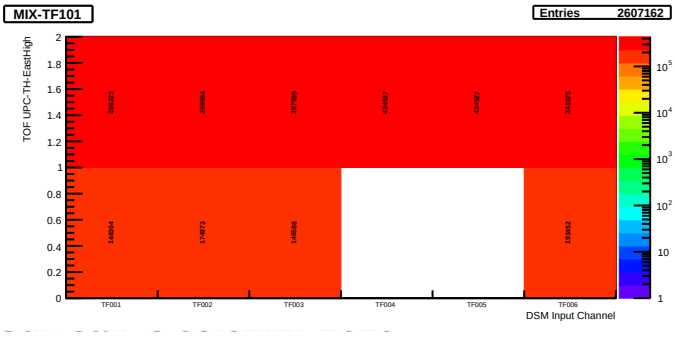

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

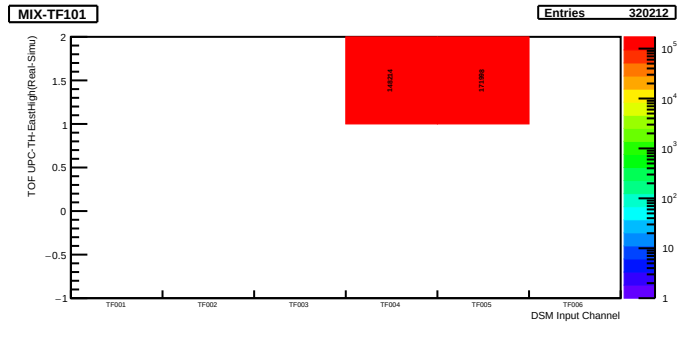

MIX-TF101
Entries 2607162
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

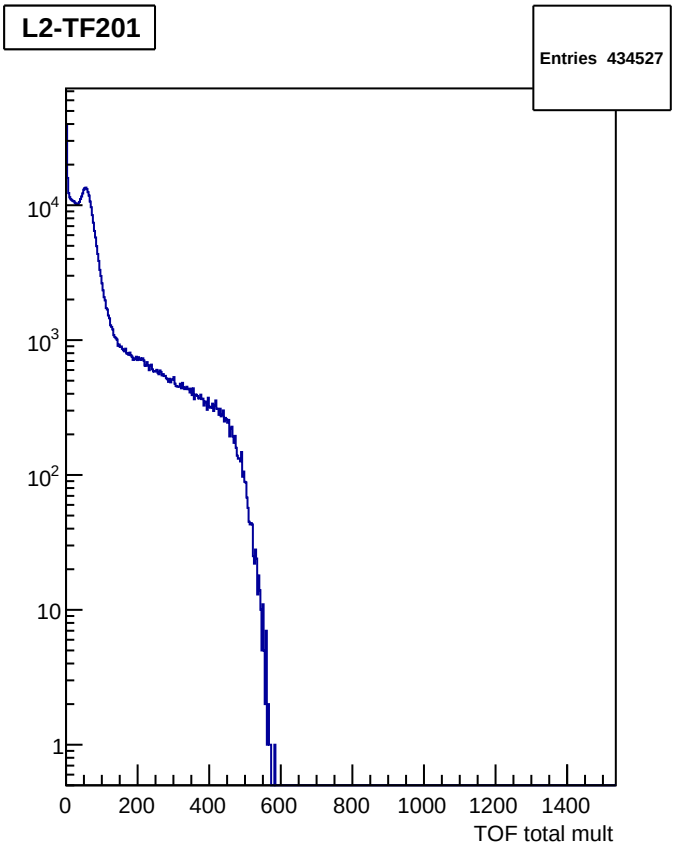

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

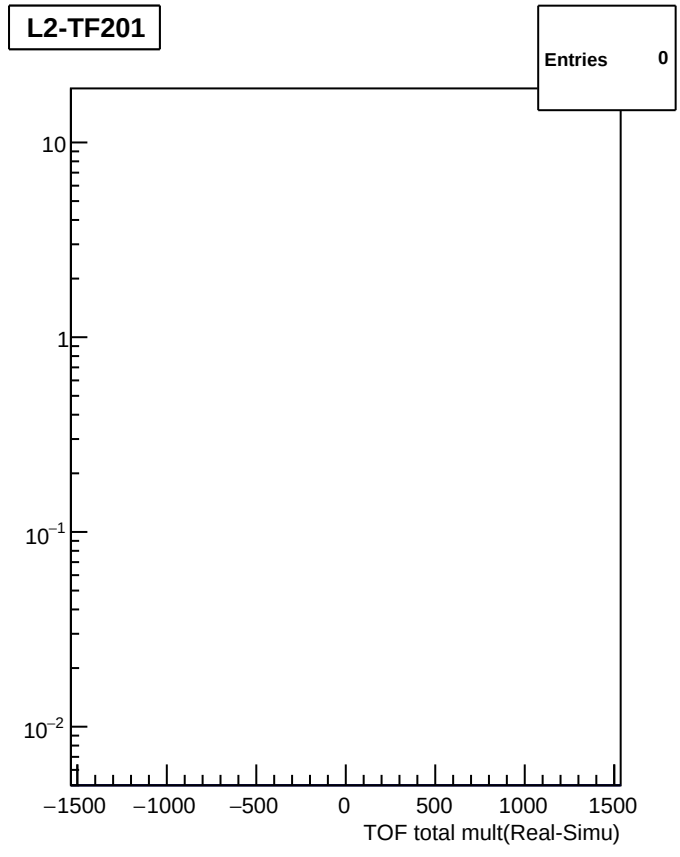

MIX-TF101
Entries 2607162
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

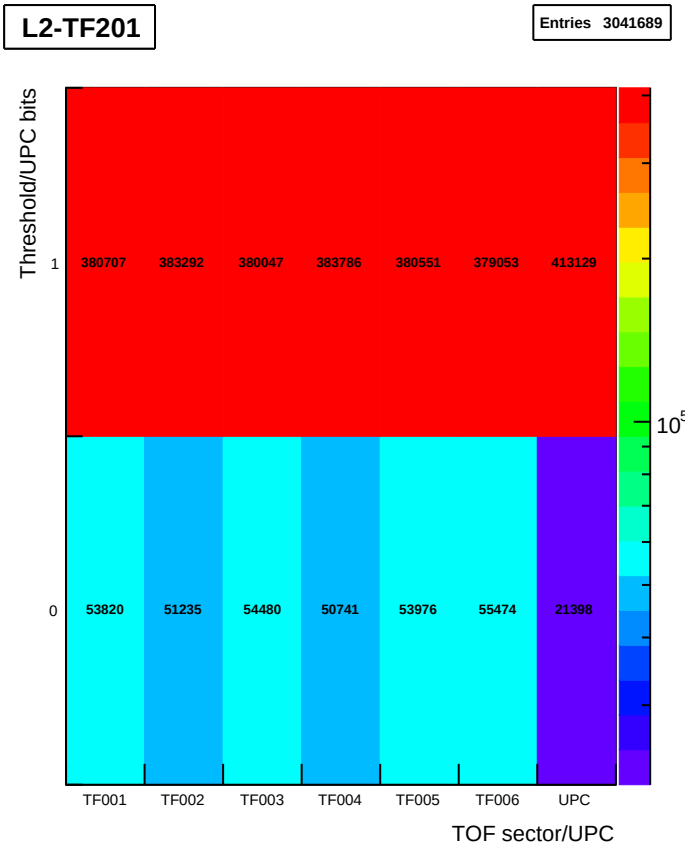

MIX-TF101
Entries 147230
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

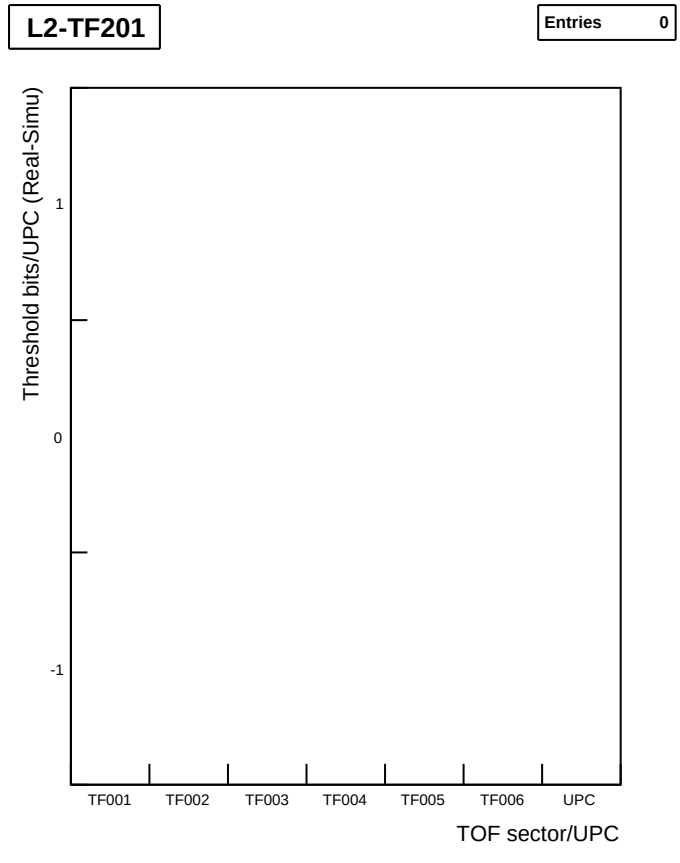

MIX-TF101
Entries 2607162
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

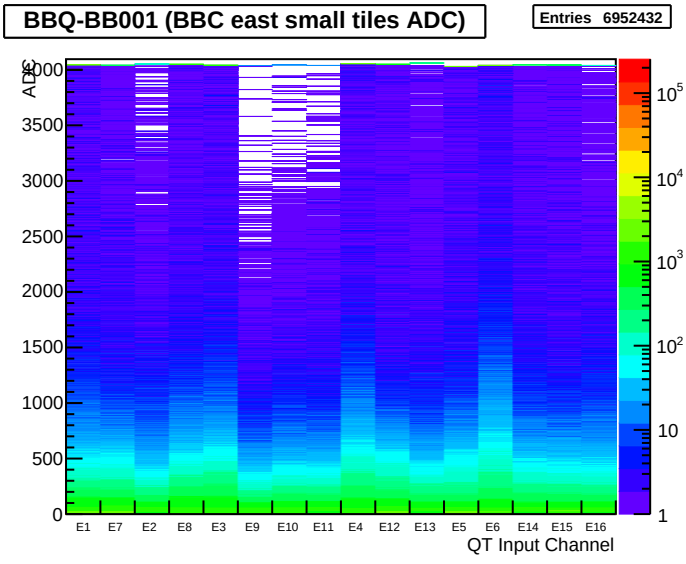

MIX-TF101
Entries 320212
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

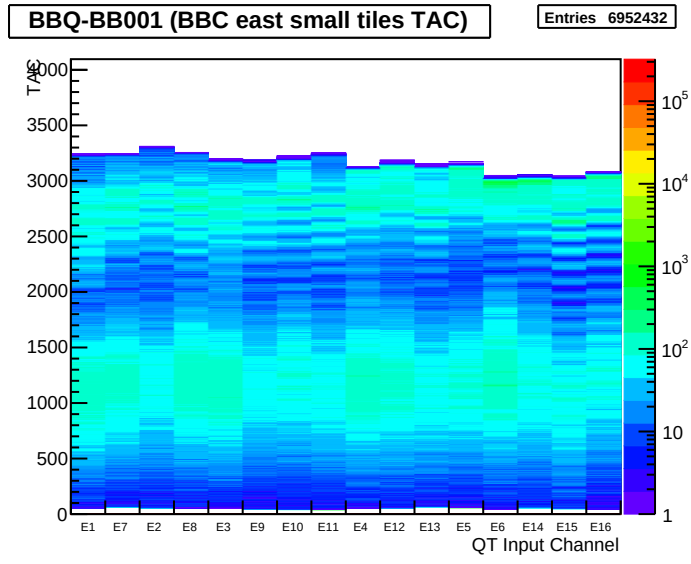

L2-TF201
Entries 434527
TOF total mult

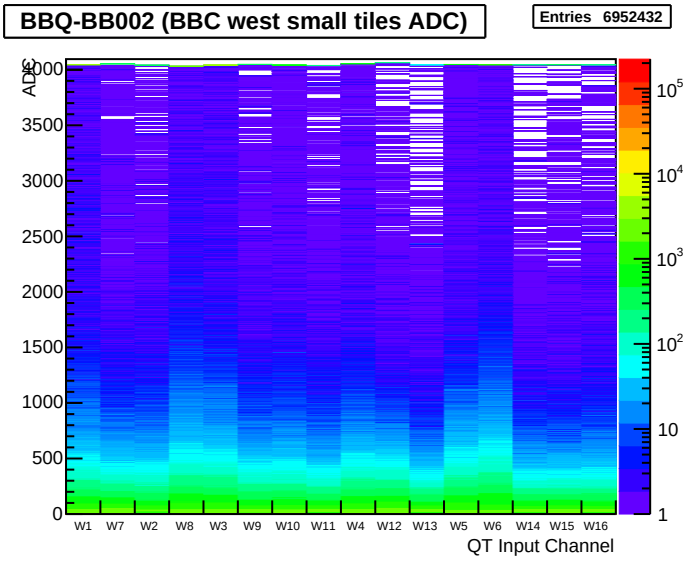

L2-TF201
Entries 0
TOF total mult(Real-Simu)

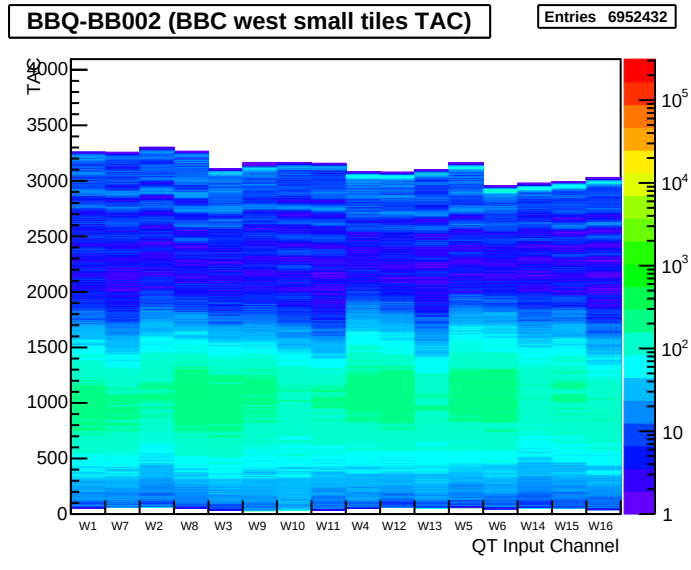

L2-TF201
Entries 3041689
Threshold/UPC bits
380707
383292
380047
383786
380551
379053
413129
53820
51235
54480
50741
53976
55474
21398
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

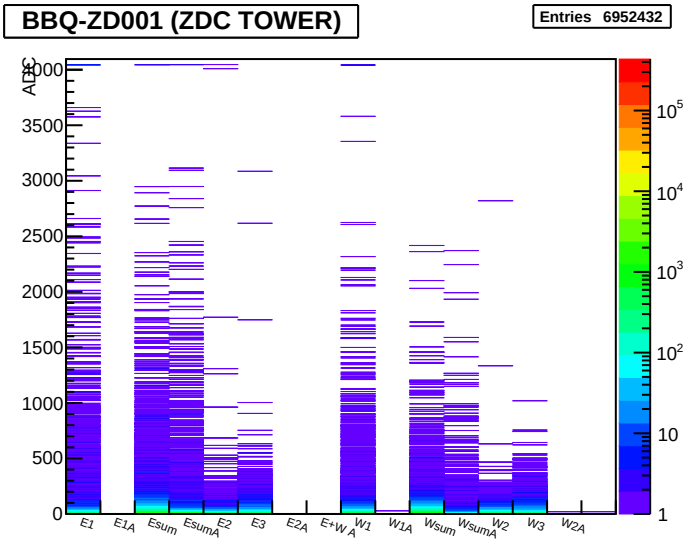

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

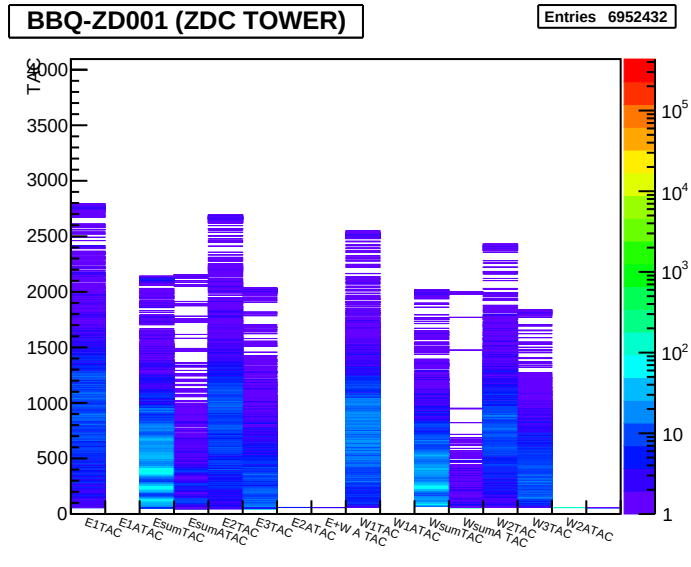

BBQ-BB001 (BBC east small tiles ADC)
Entries 6952432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

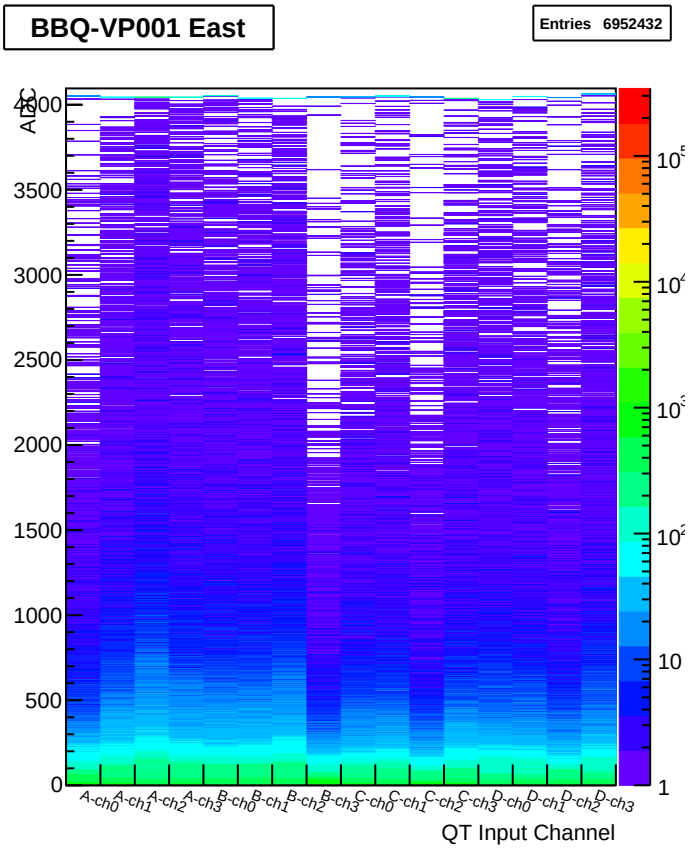

BBQ-BB001 (BBC east small tiles TAC)
Entries 6952432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

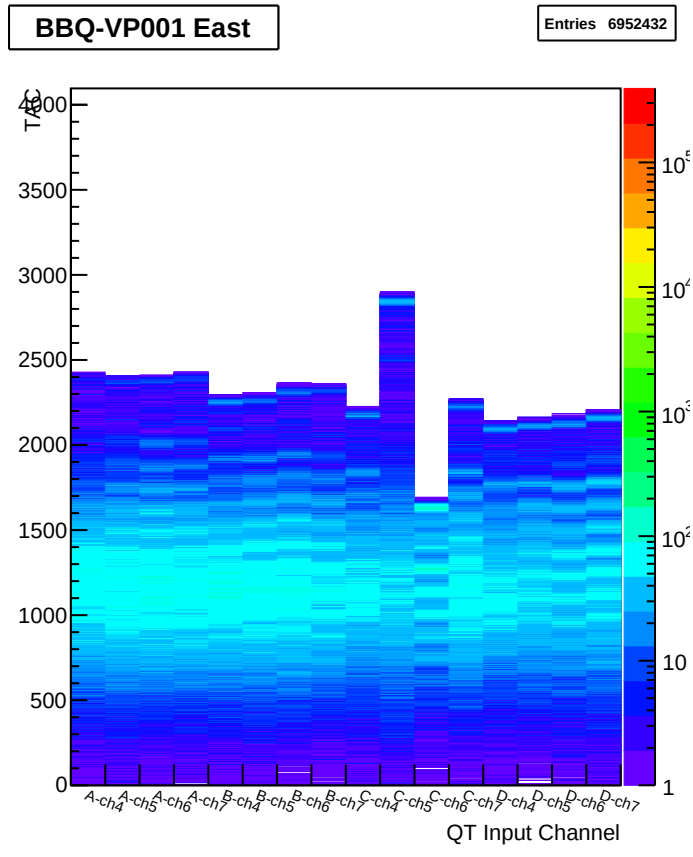

BBQ-BB002 (BBC west small tiles ADC)
Entries 6952432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

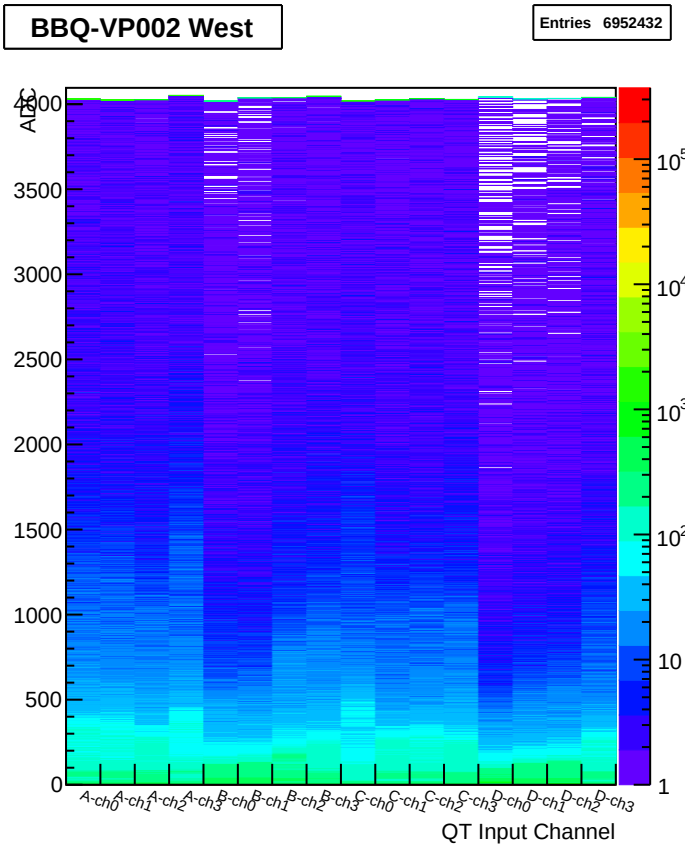

BBQ-BB002 (BBC west small tiles TAC)
Entries 6952432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

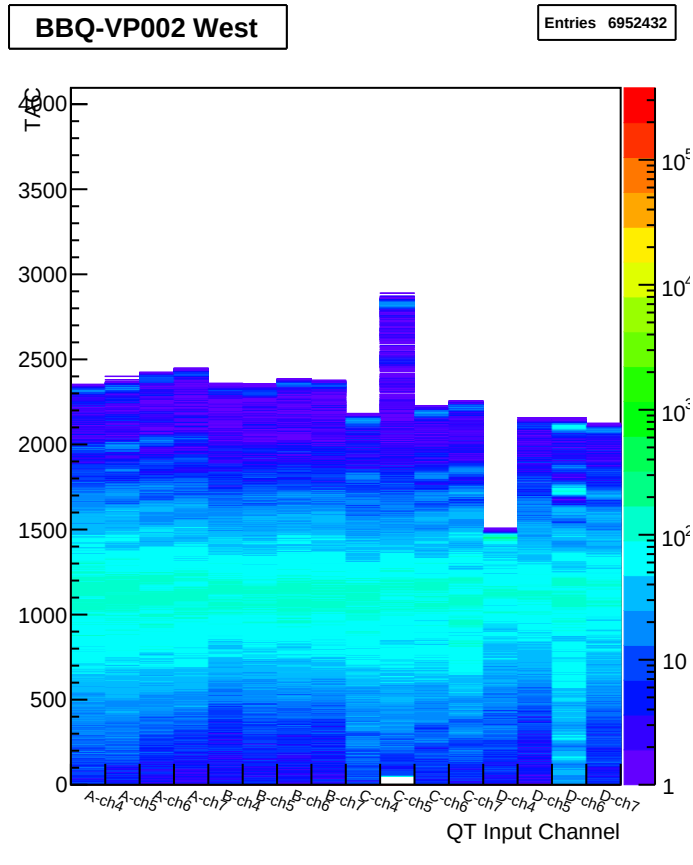

BBQ-ZD001 (ZDC TOWER)
Entries 6952432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

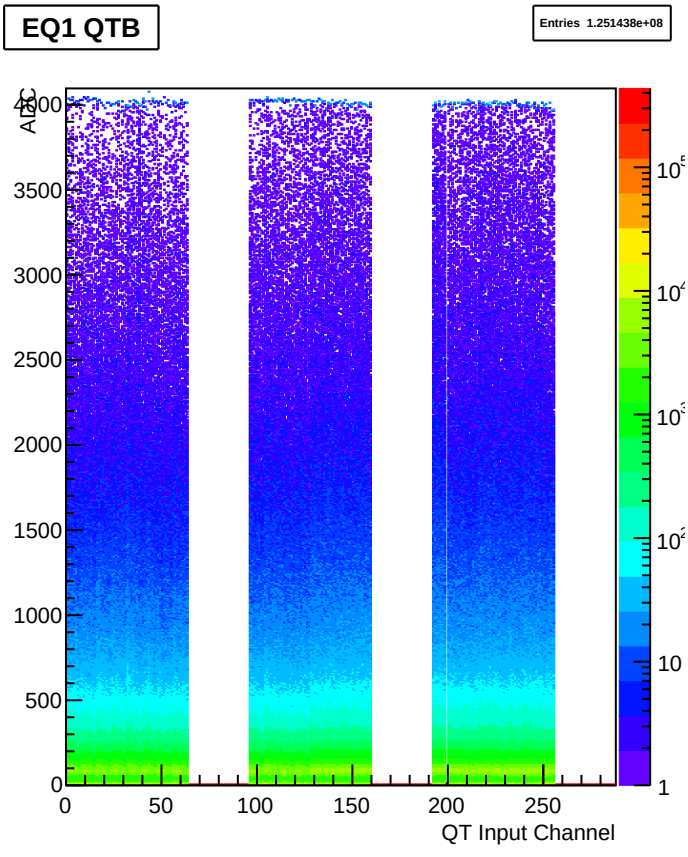

BBQ-ZD001 (ZDC TOWER)
Entries 6952432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

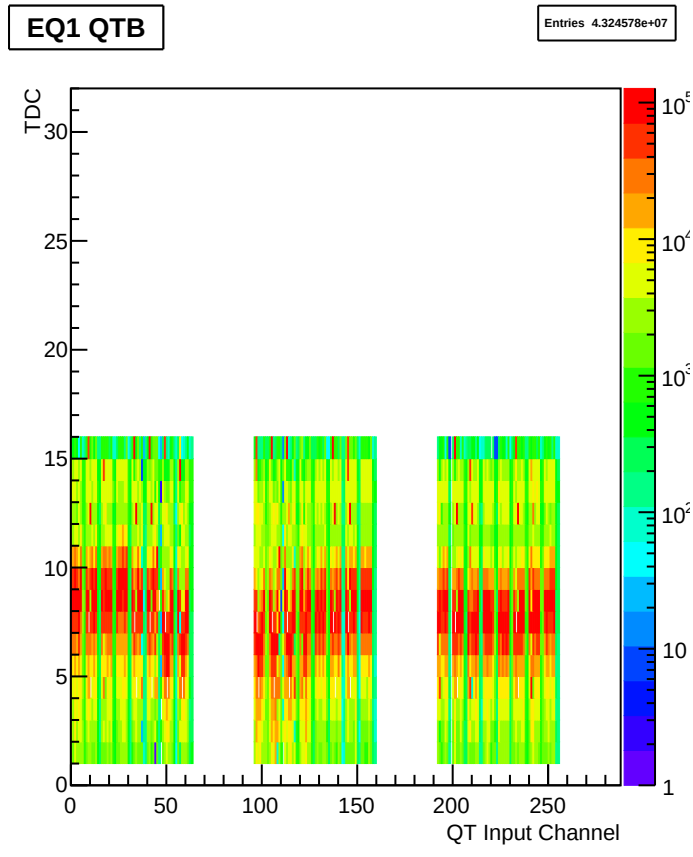

BBQ-VP001 East
Entries 6952432
ADC
QT Input Channel

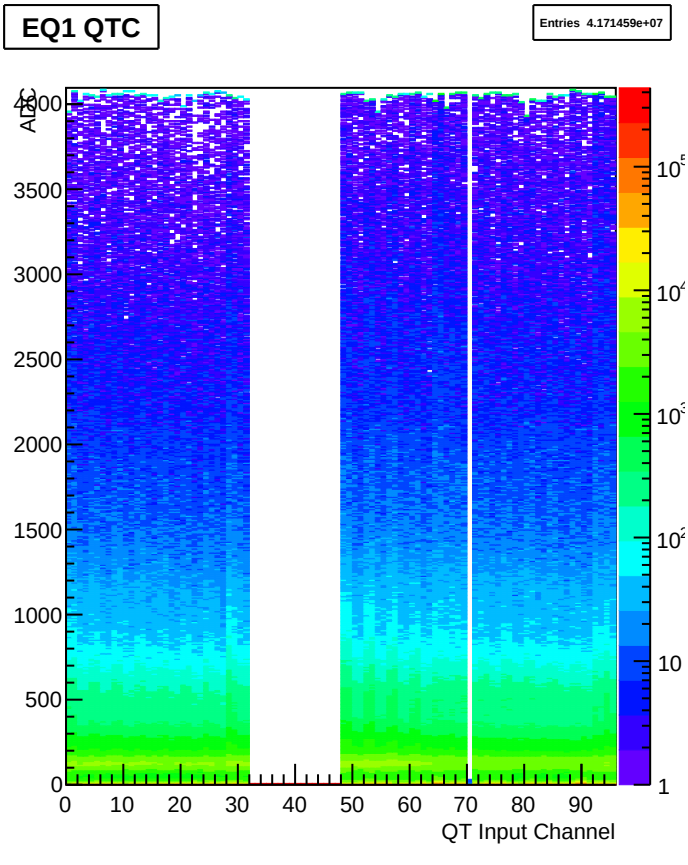

BBQ-VP001 East
Entries 6952432
TAC
QT Input Channel

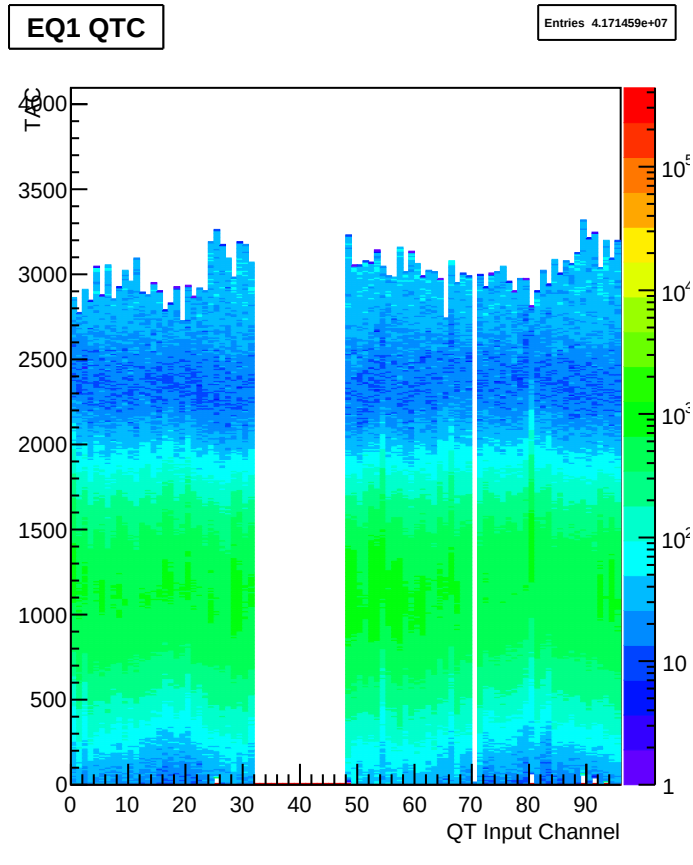

BBQ-VP002 West
Entries 6952432
ADC
QT Input Channel

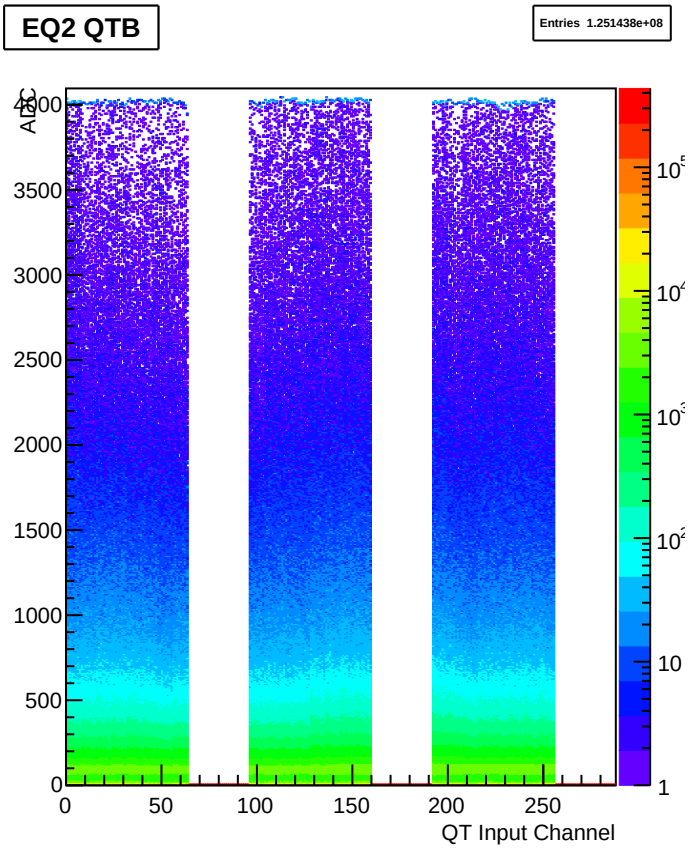

BBQ-VP002 West
Entries 6952432
TAC
QT Input Channel

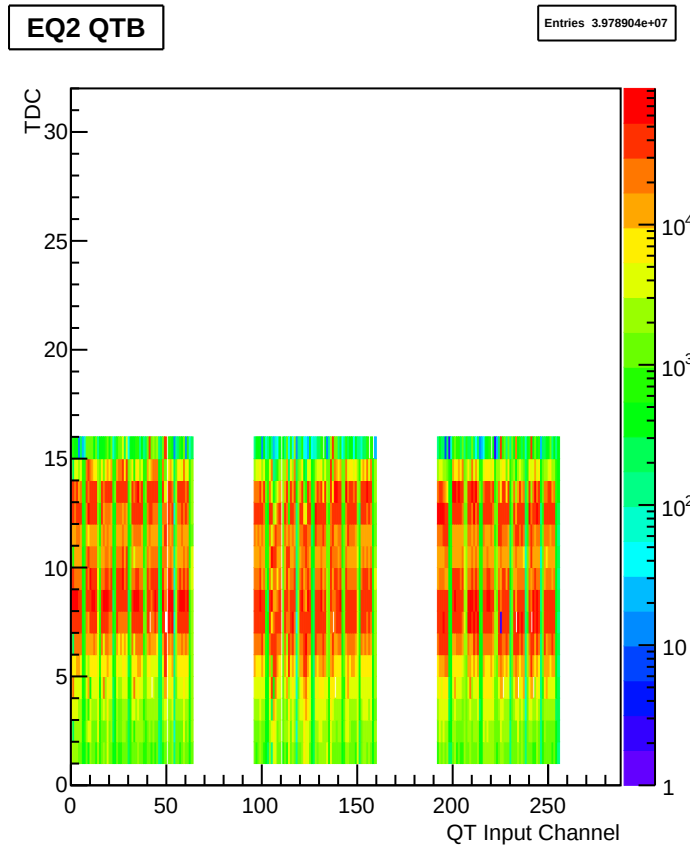

EQ1 QTB
Entries 1.251438e+08
ADC
QT Input Channel

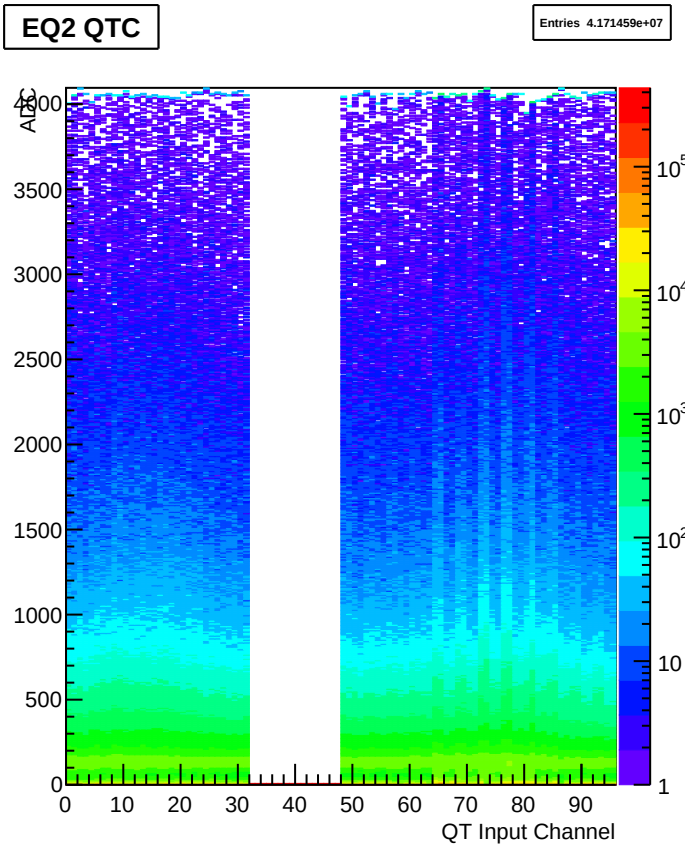

EQ1 QTB
Entries 4.324578e+07
TDC
QT Input Channel

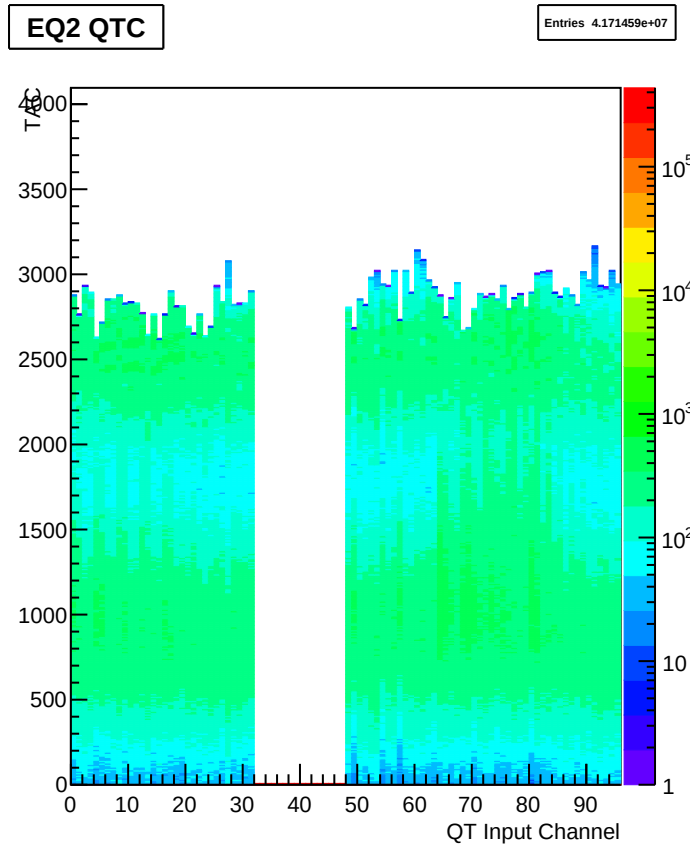

EQ1 QTC
Entries 4.171459e+07
ADC
QT Input Channel

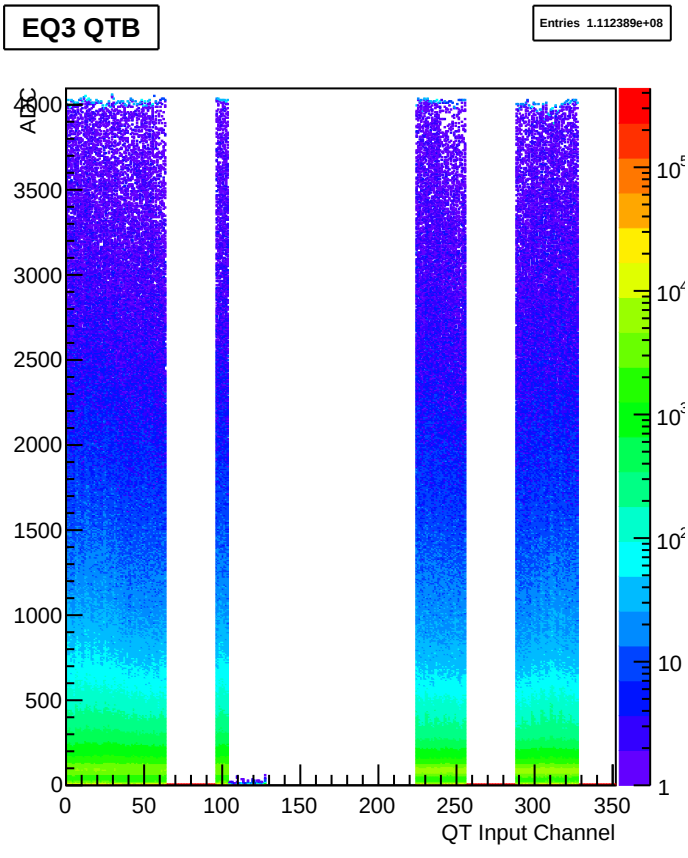

EQ1 QTC
Entries 4.171459e+07
TADC
QT Input Channel

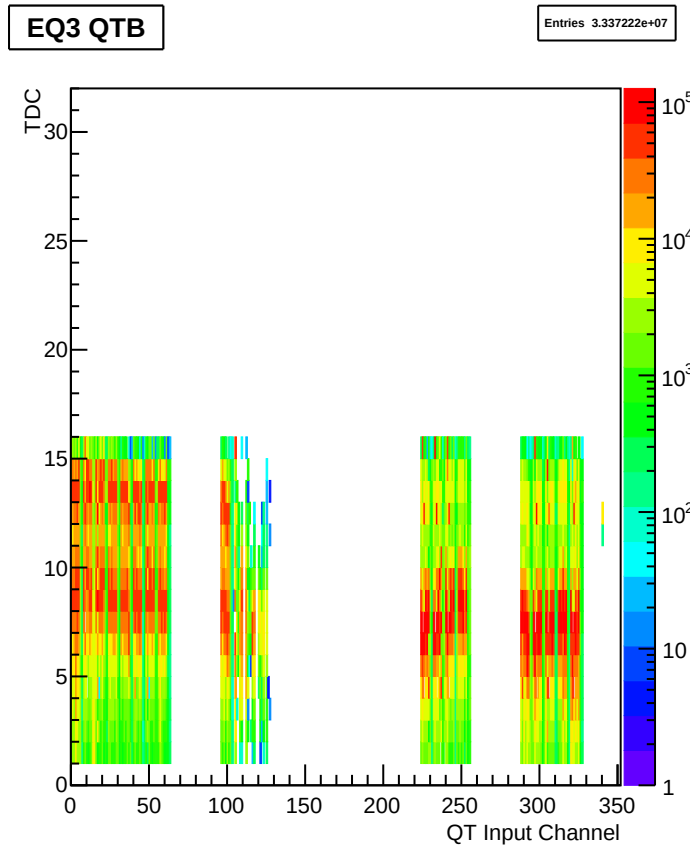

EQ2 QTB
Entries 1.251438e+08
ADC
QT Input Channel

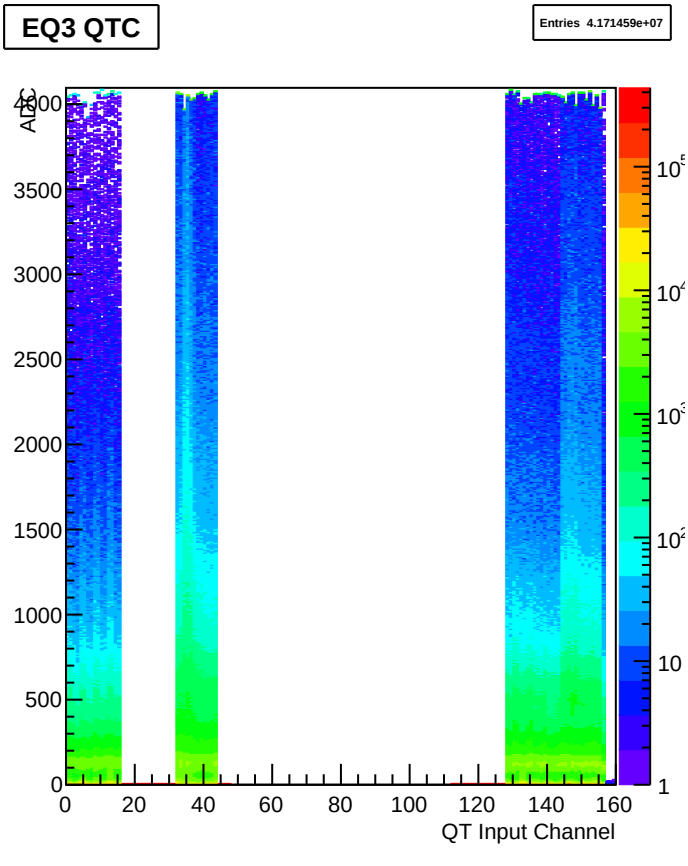

EQ2 QTB
Entries 3.978904e+07
TDC
QT Input Channel

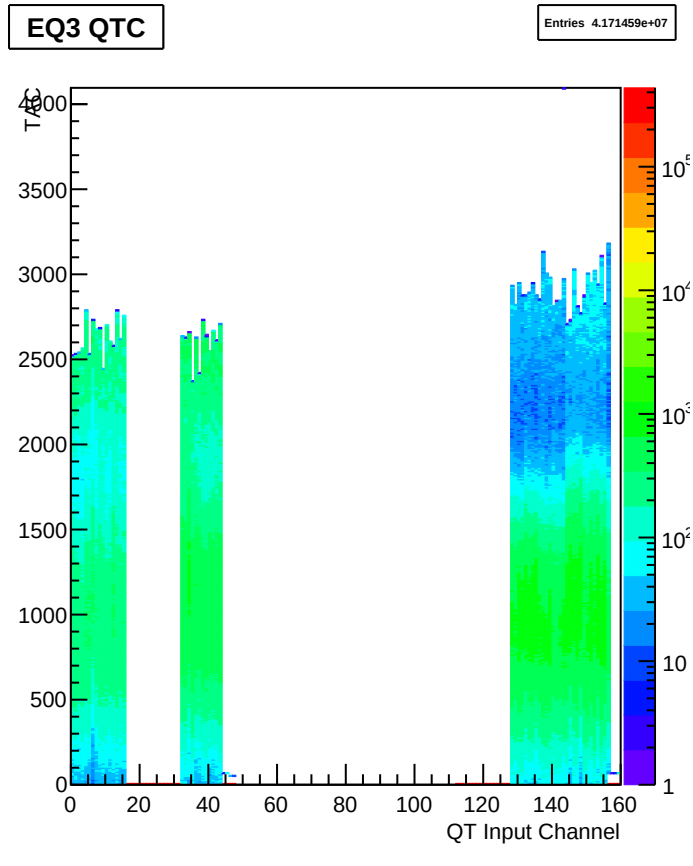

EQ2 QTC
Entries 4.171459e+07
ADC
QT Input Channel

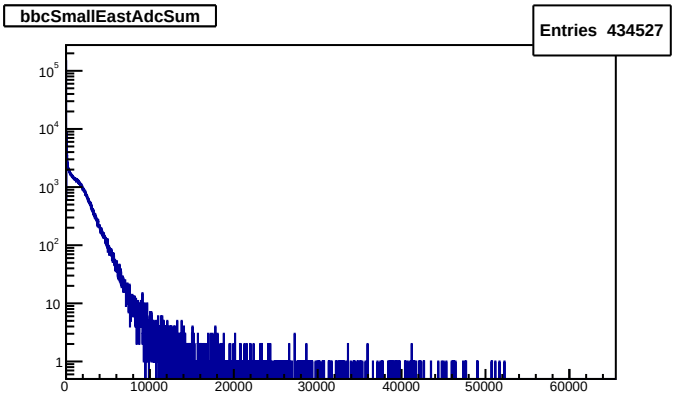

EQ2 QTC
Entries 4.171459e+07
TADC
QT Input Channel

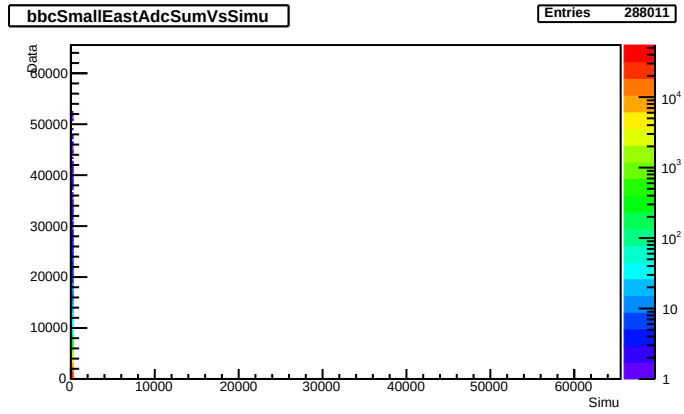

EQ3 QTB
Entries 1.112389e+08
ADC
QT Input Channel

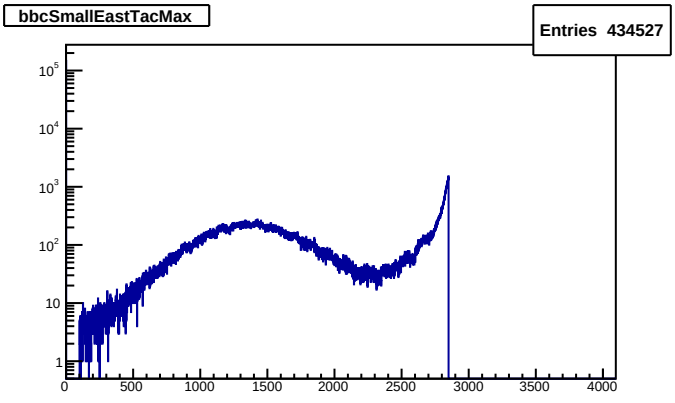

EQ3 QTB
Entries 3.337222e+07
TDC
QT Input Channel

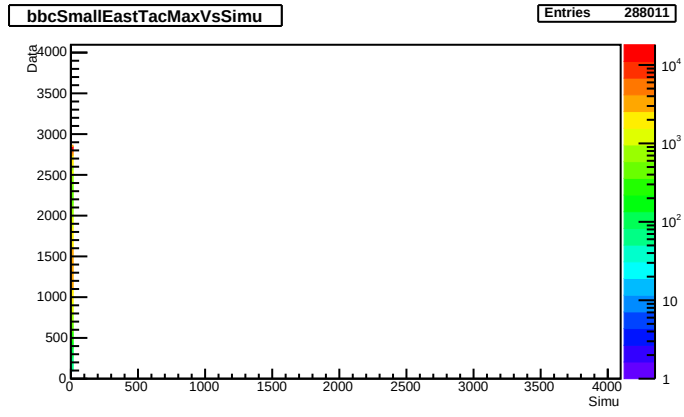

EQ3 QTC
Entries 4.171459e+07
ADC
QT Input Channel

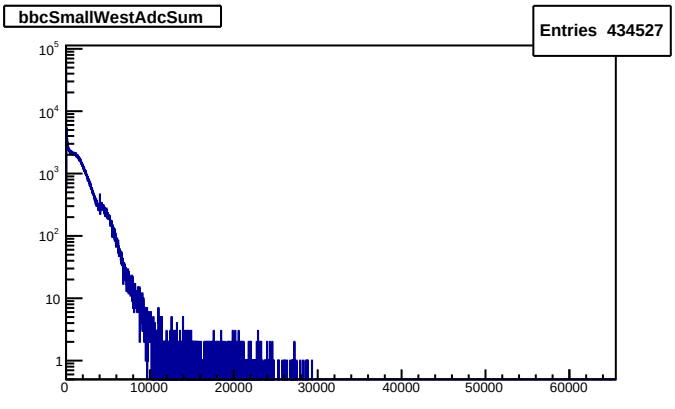

EQ3 QTC
Entries 4.171459e+07
TADC
QT Input Channel

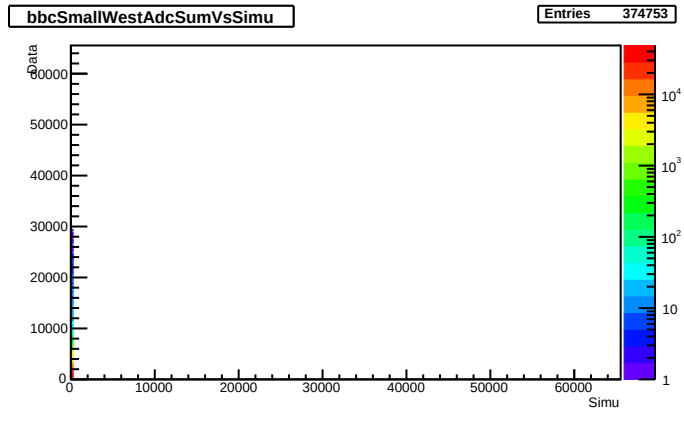

bbcSmallEastAdcSum
Entries 434527


bbcSmallEastAdcSumVsSimu
Entries 288011
Data
Simu


bbcSmallEastTacMax
Entries 434527


bbcSmallEastTacMaxVsSimu
Entries 288011
Data
Simu


bbcSmallWestAdcSum
Entries 434527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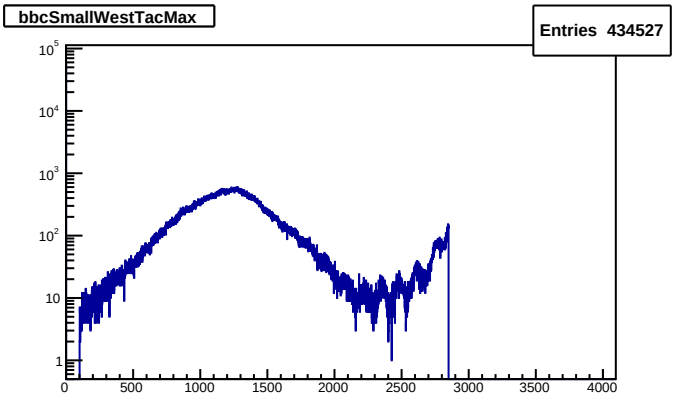
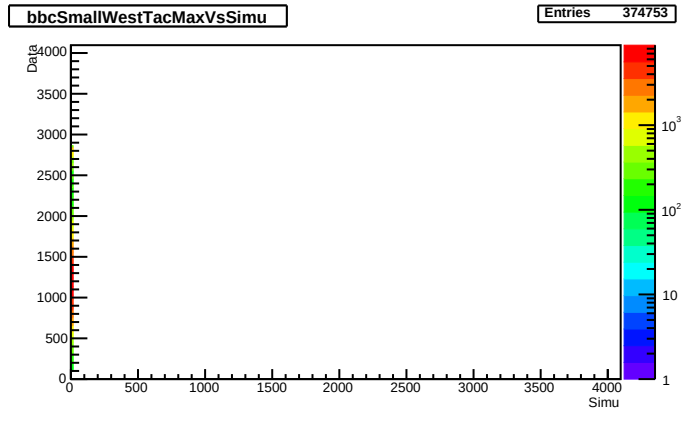
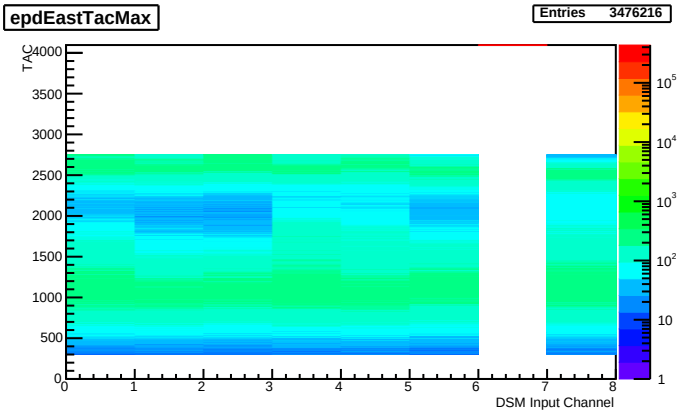
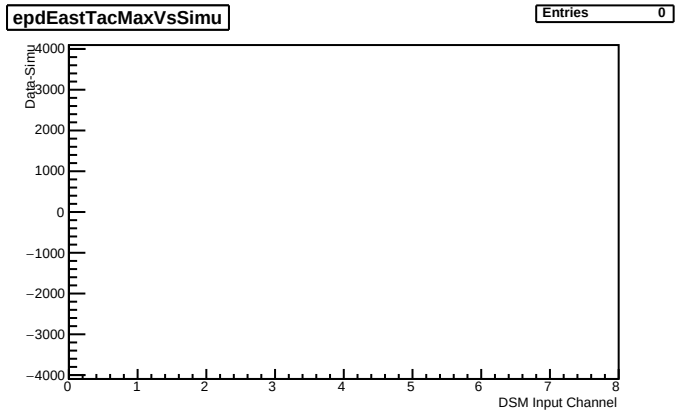
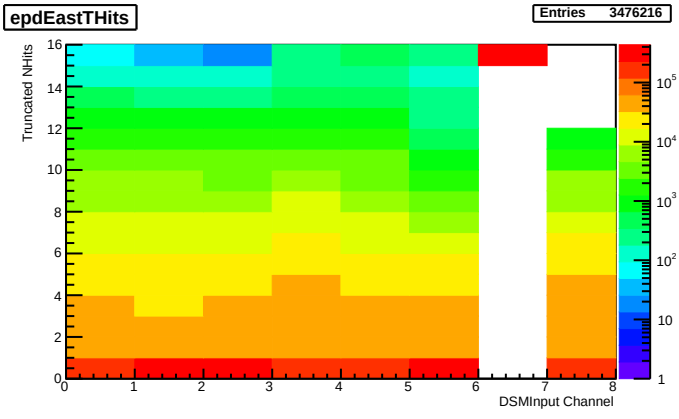
Entries 374753
Data
Simu

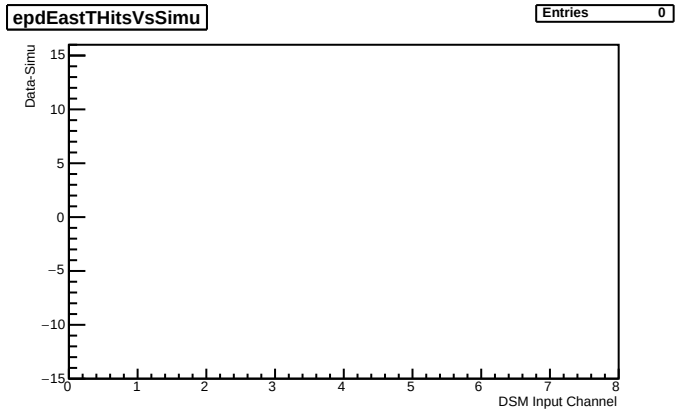

bbcSmallWestTacMax
Entries 434527


bbcSmallWestTacMaxVsSimu
Entries 374753
Data
Simu


epdEastTacMax
Entries 3476216
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3476216
Truncated NHits
DSMInput Channel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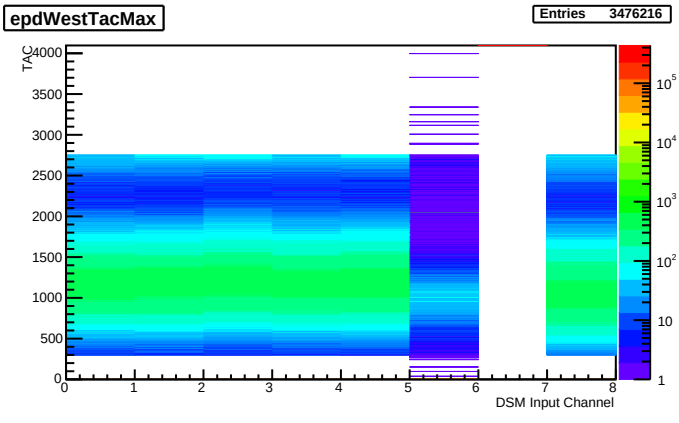
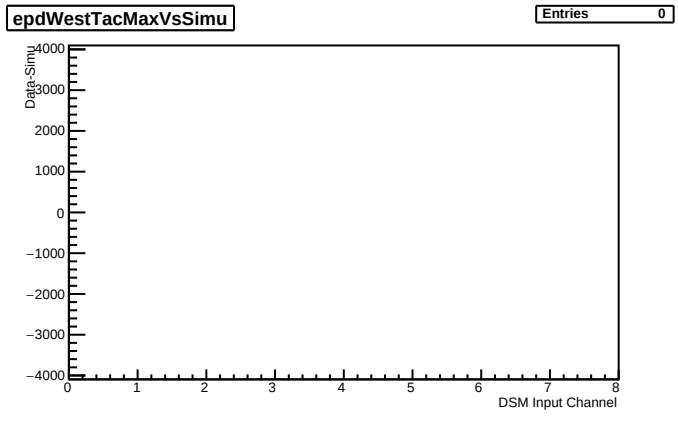
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3476216
TAC
DSM Input Channel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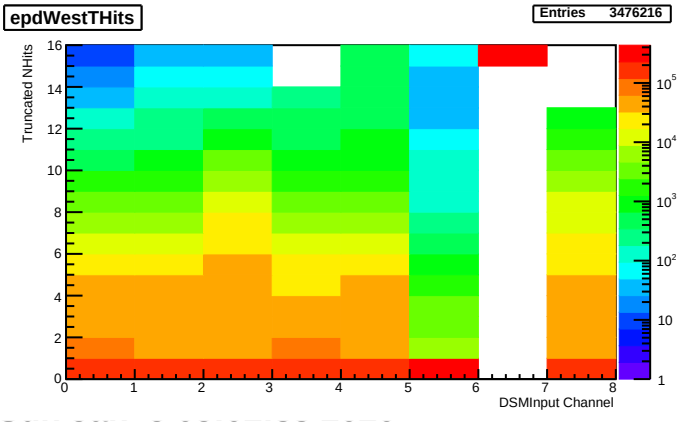
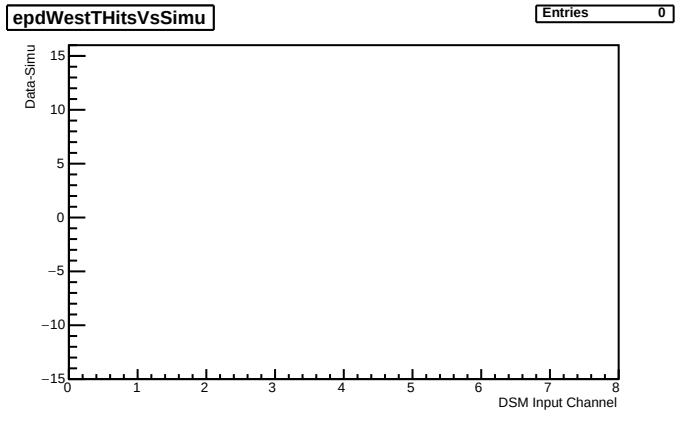
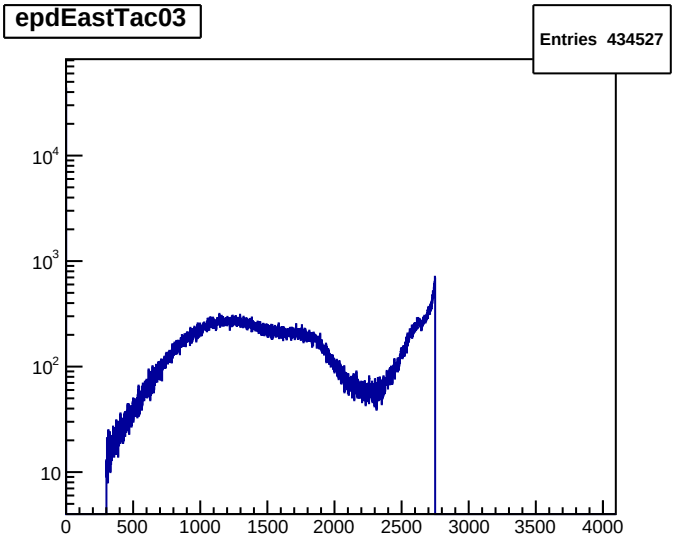
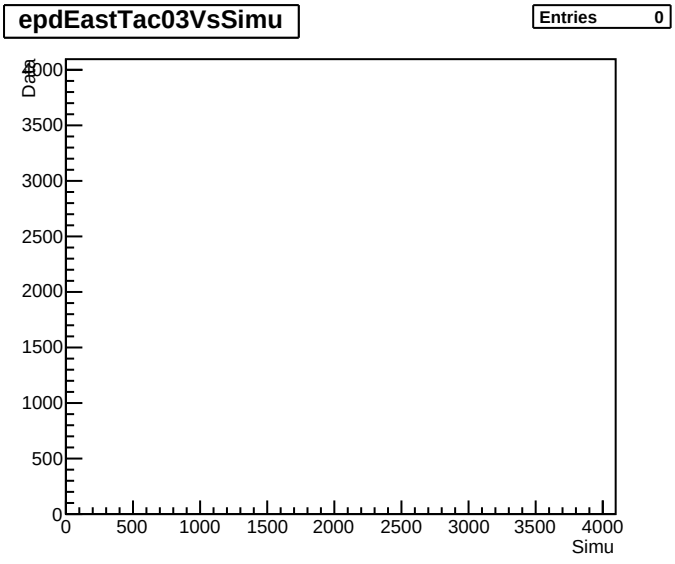
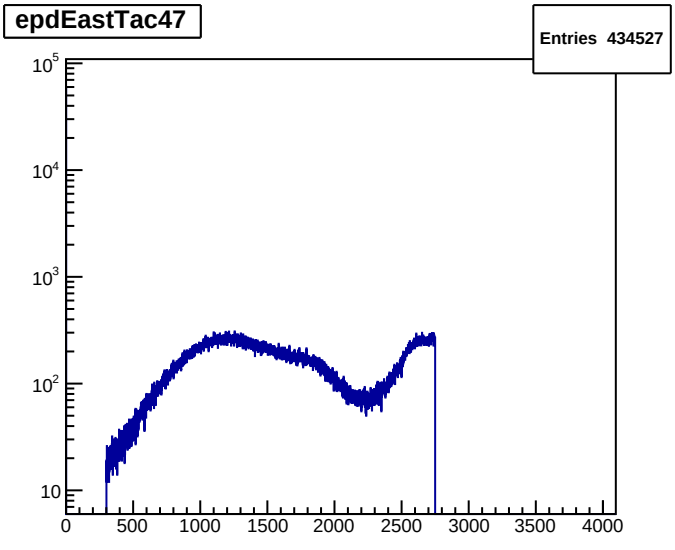
Entries 0
Data-Simu
DSM Input Channel

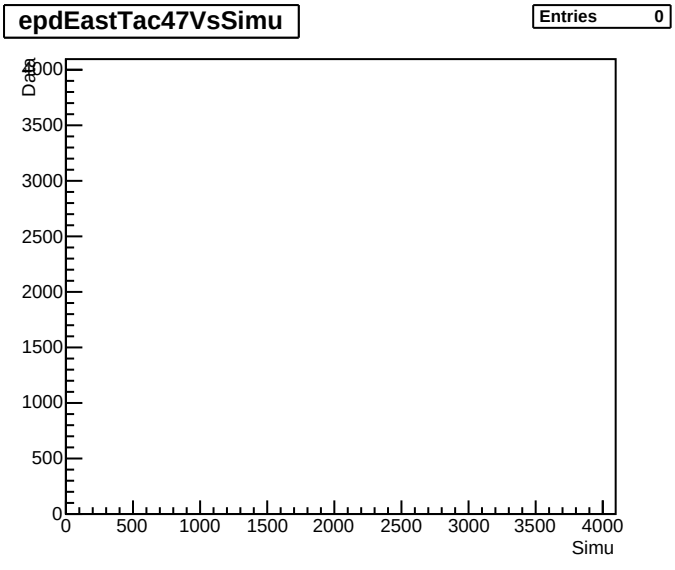

epdWestTHits
Entries 3476216
Truncated NHits
DSMInput Channel

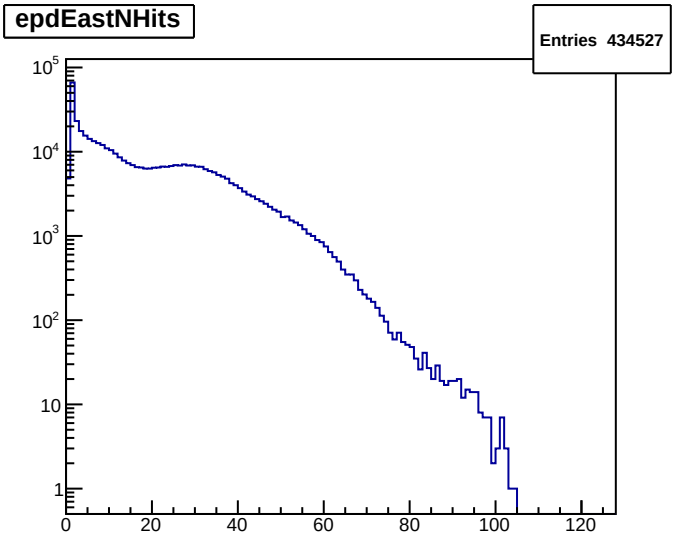

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

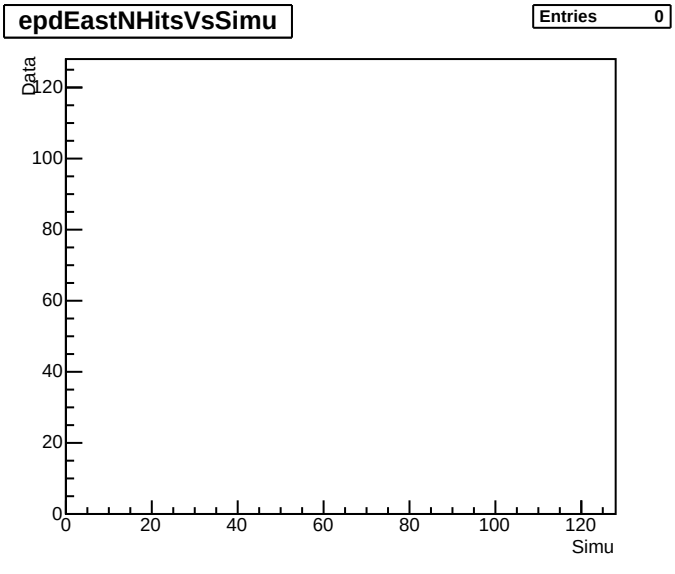

epdEastTac03
Entries 434527


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 434527


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 434527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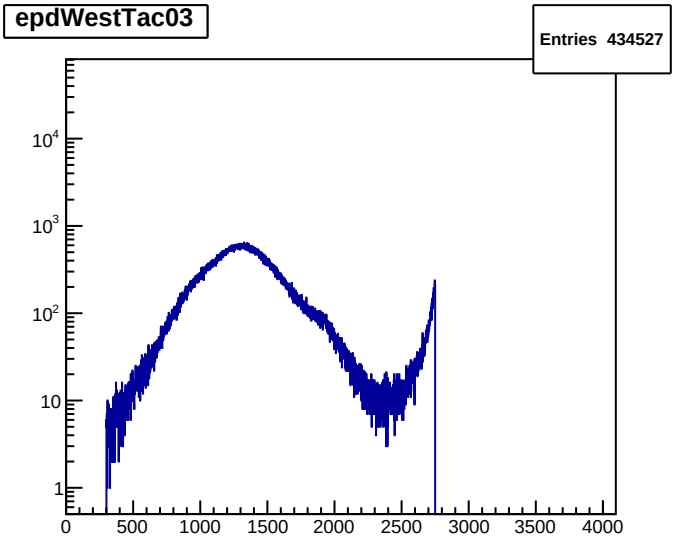
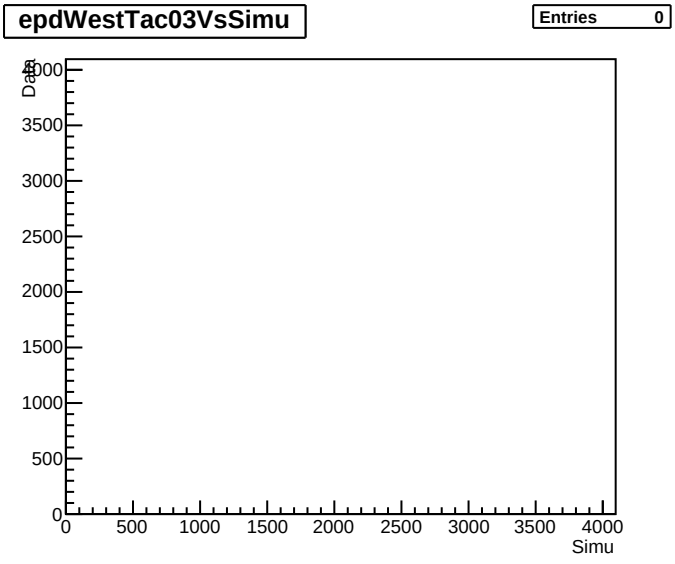
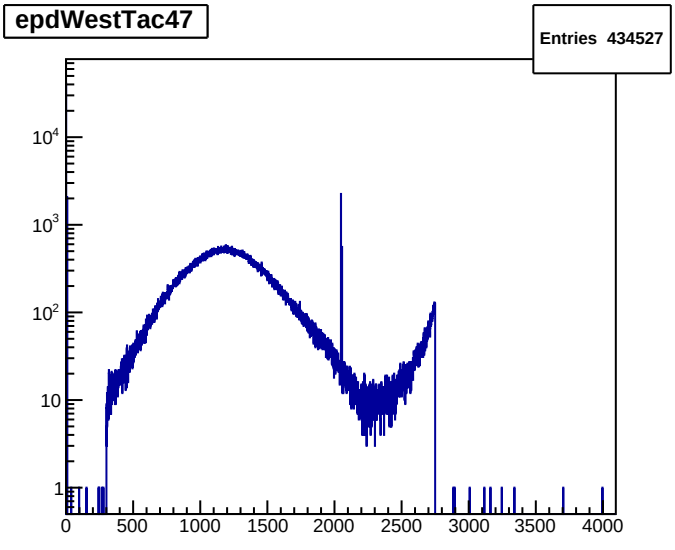
Entries 0
Data
Simu


epdWestTac03
Entries 434527


epdWestTac03VsSimu
Entries 0
Data
Simu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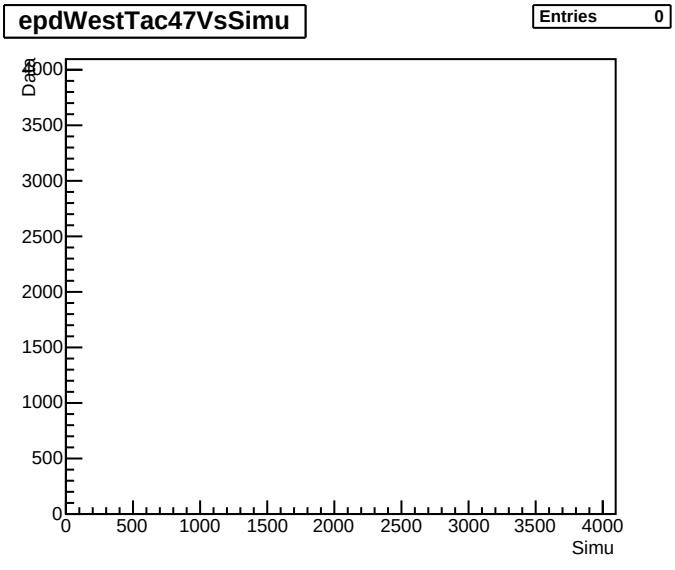
Entries 434527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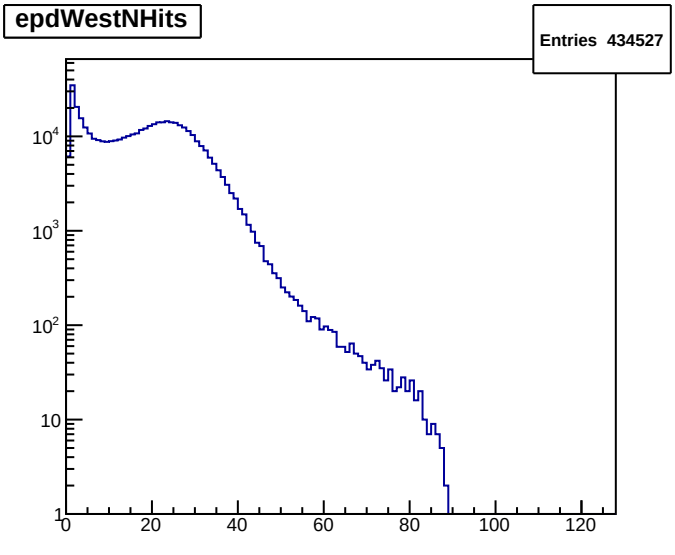
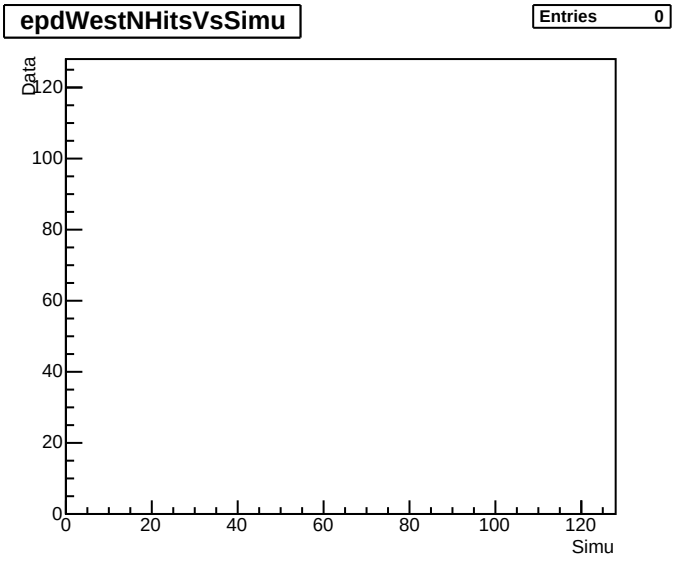
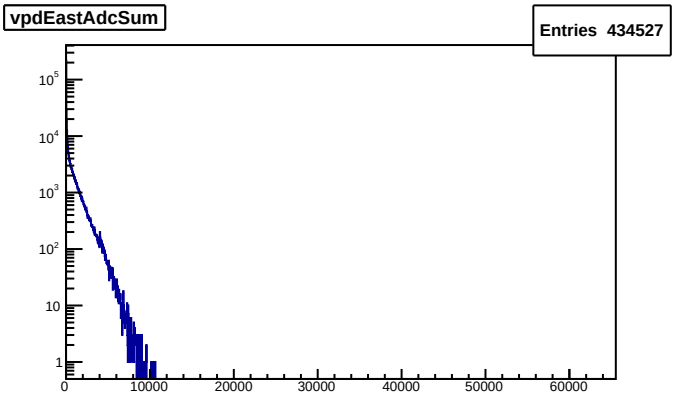
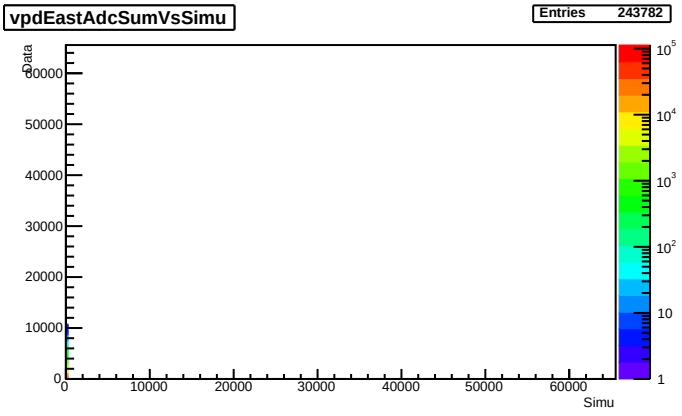
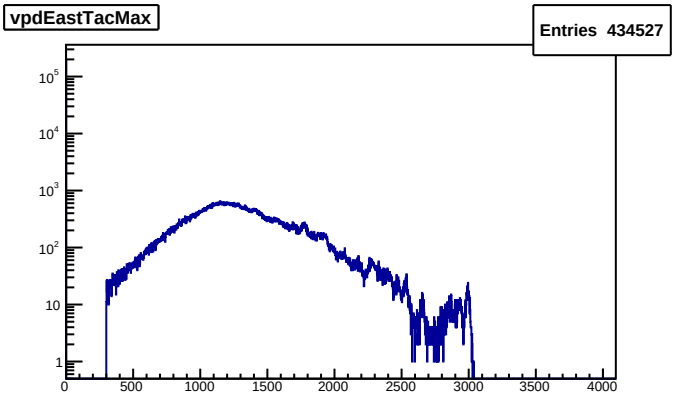
Entries 0
Data
Simu

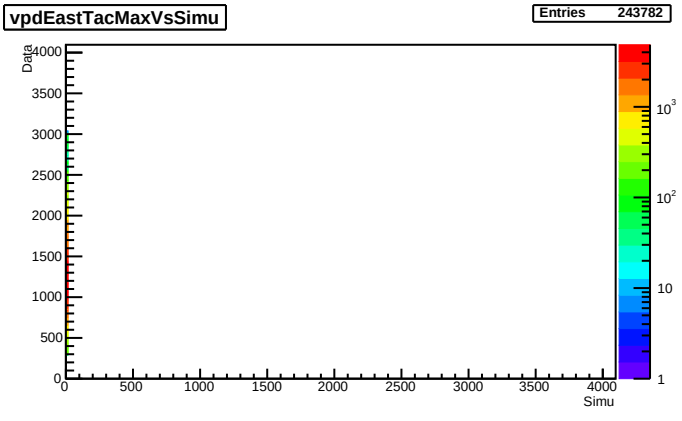

epdWestNHits
Entries 434527

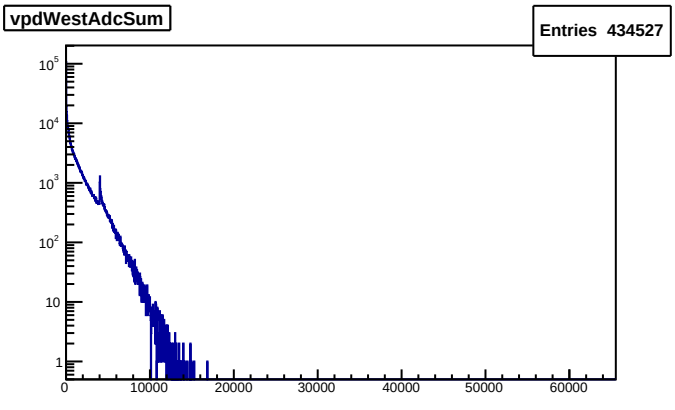

epdWestNHitsVsSimu
Entries 0
Data
Simu

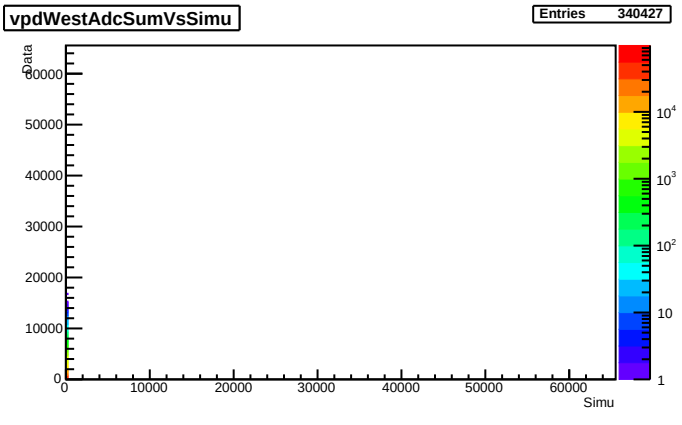

vpdEastAdcSum
Entries 434527

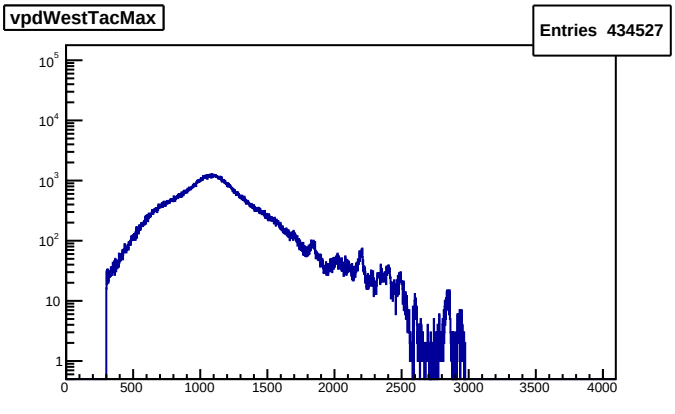

vpdEastAdcSumVsSimu
Entries 243782
Data
Simu

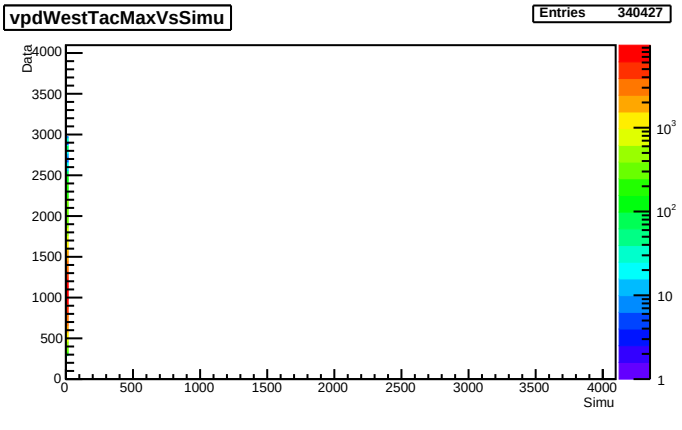

vpdEastTacMax
Entries 434527

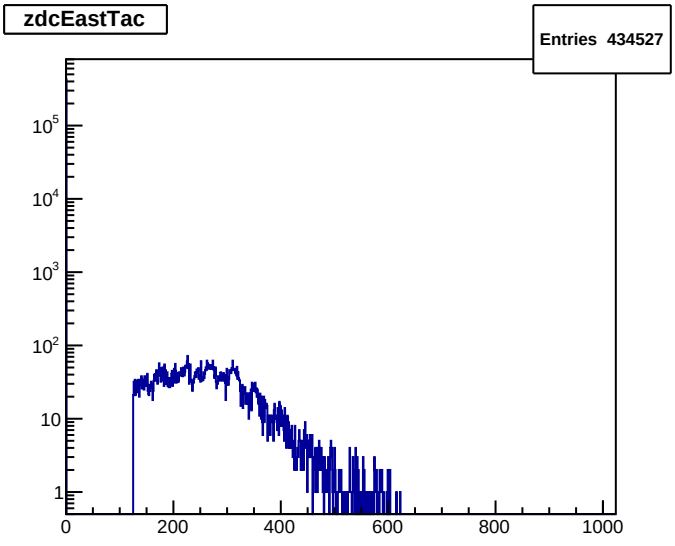

vpdEastTacMaxVsSimu
Entries 243782
Data
Simu

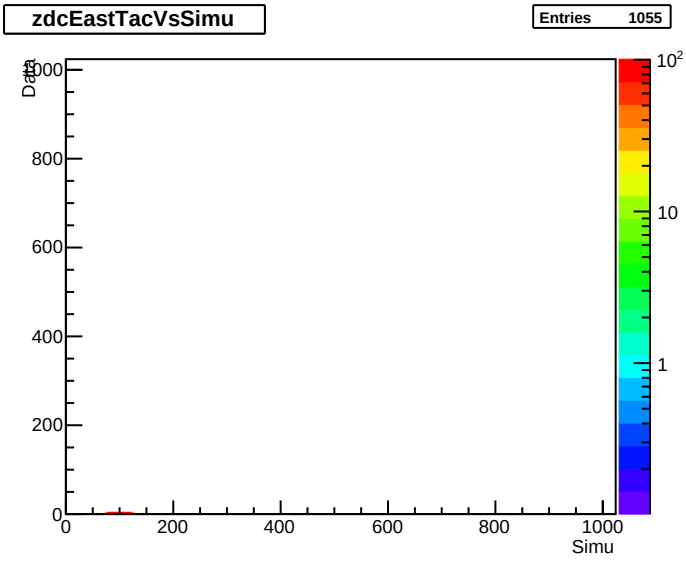

vpdWestAdcSum
Entries 434527

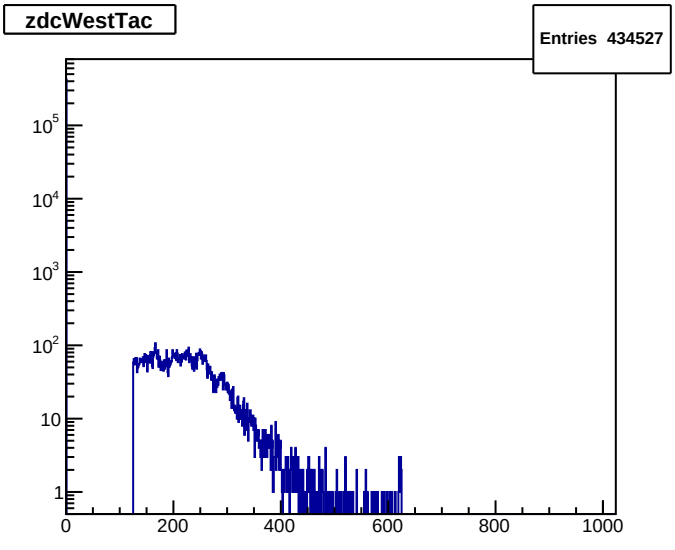

vpdWestAdcSumVsSimu
Entries 340427
Data
Simu

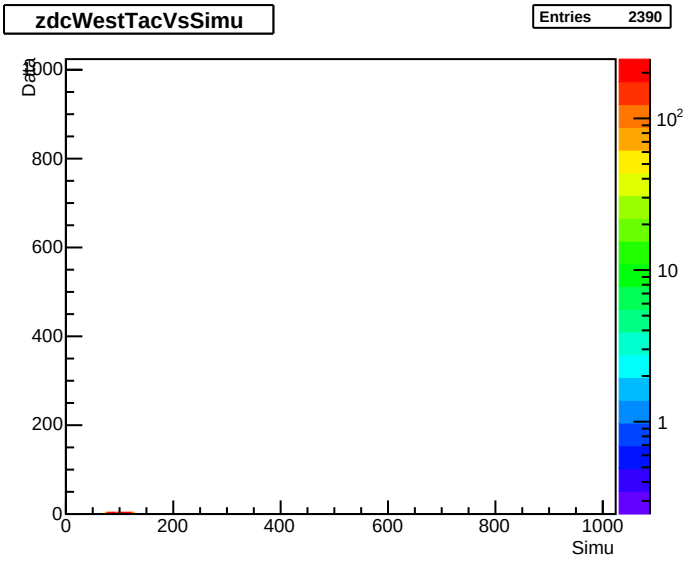

vpdWestTacMax
Entries 434527

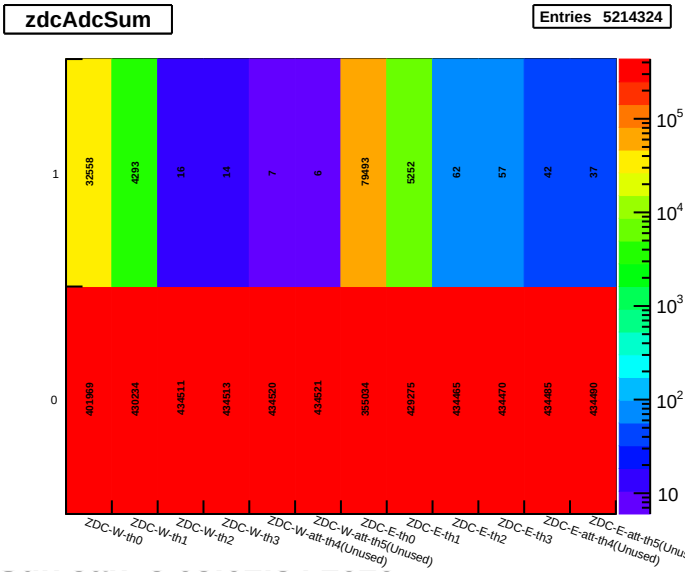

vpdWestTacMaxVsSimu
Entries 340427
Data
Simu

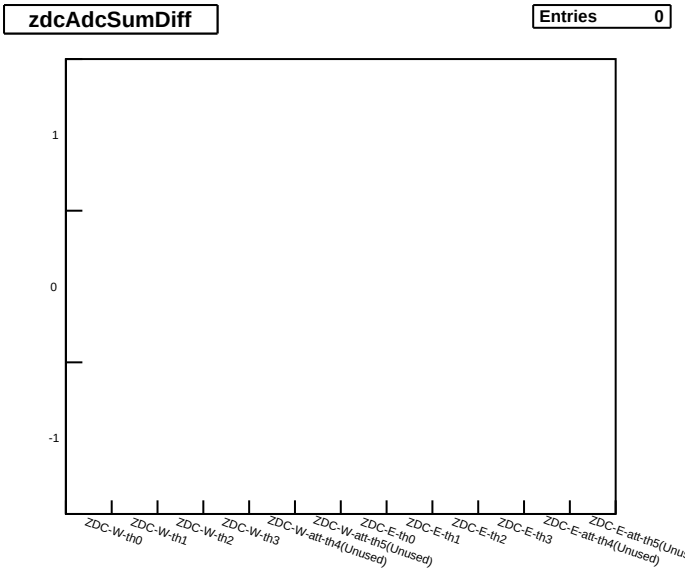

zdcEastTac
Entries 434527

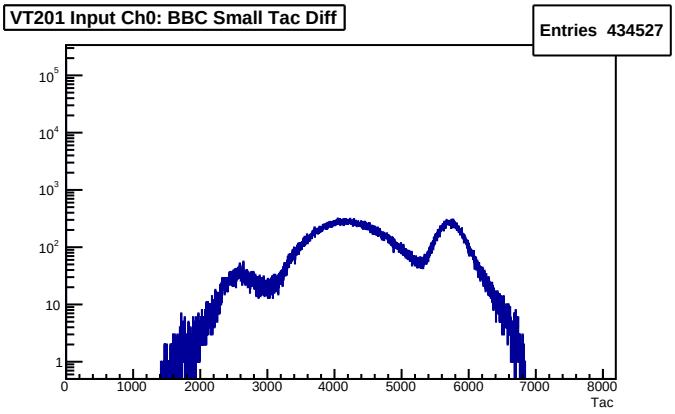

zdcEastTacVsSimu
Entries 1055
Data
Simu

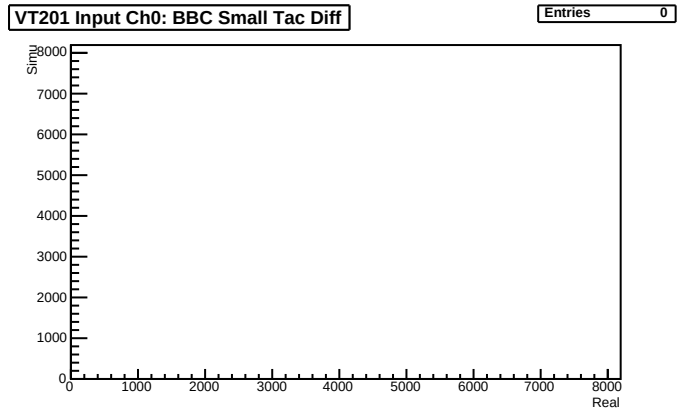

zdcWestTac
Entries 434527

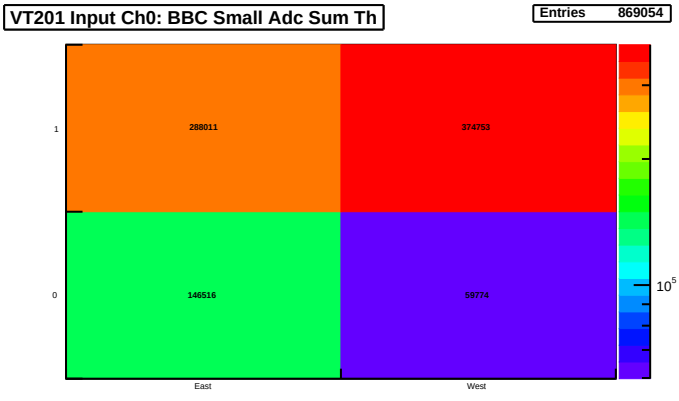

zdcWestTacVsSimu
Entries 2390
Data
Simu

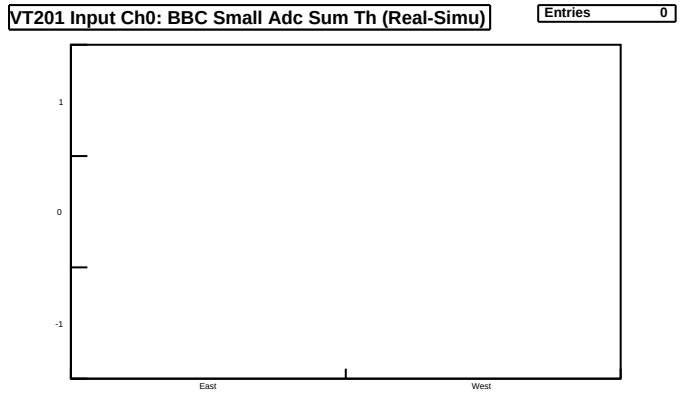

zdcAdcSum
Entries 5214324
32558
4293
16
14
7
6
79493
5252
62
57
42
37
401899
430234
434511
434513
434520
434521
355034
429275
434465
434470
434485
434490
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

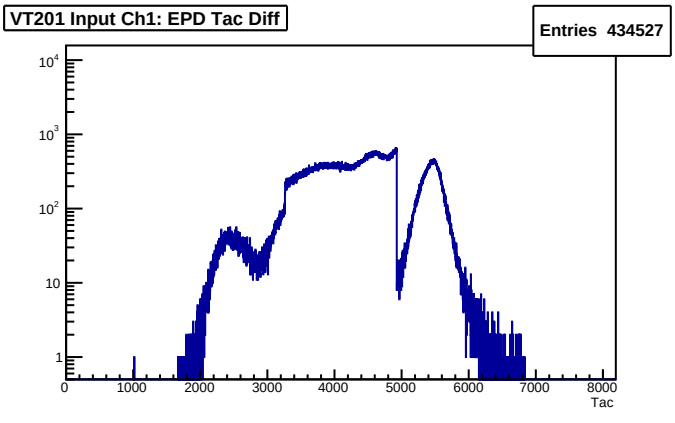

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

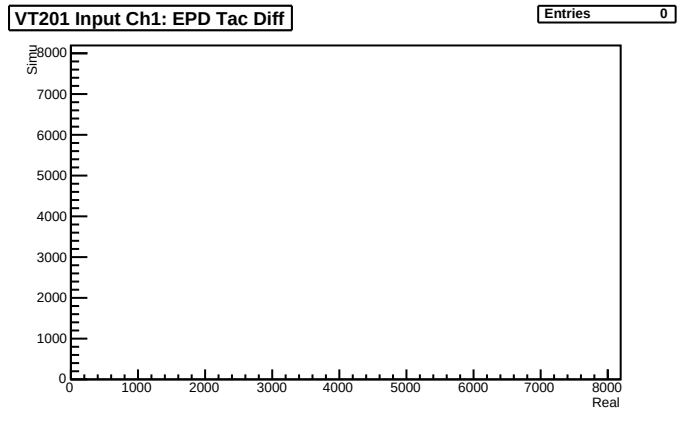

VT201 Input Ch0: BBC Small Tac Diff
Entries 434527
Tac

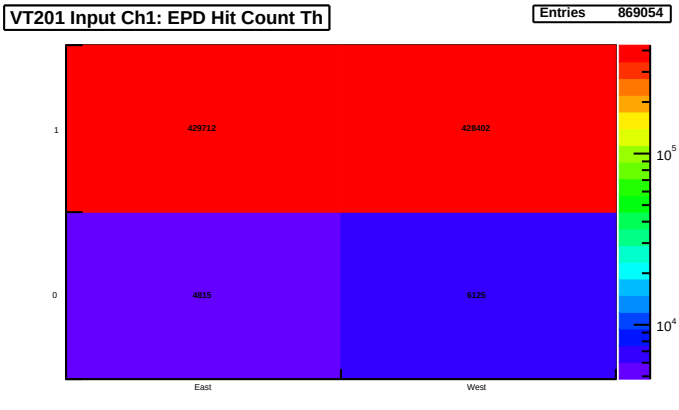

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

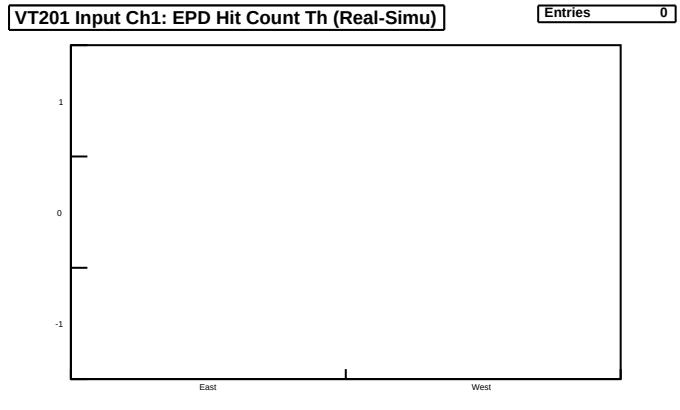

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 869054
288011
374753
146516
59774
East
West

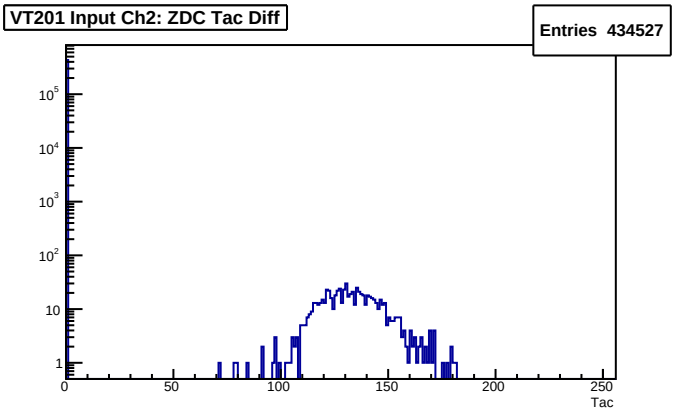

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

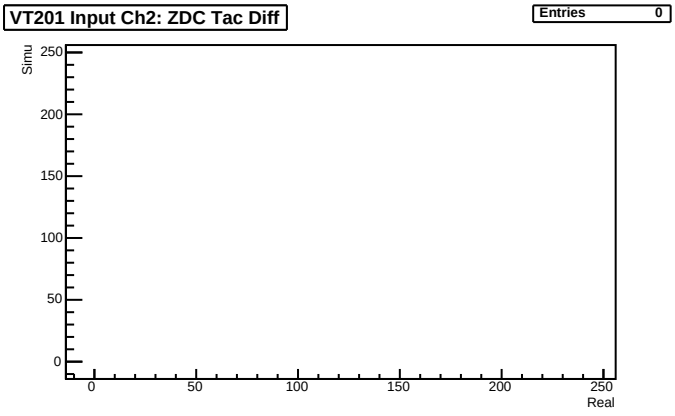

VT201 Input Ch1: EPD Tac Diff
Entries 434527
Tac

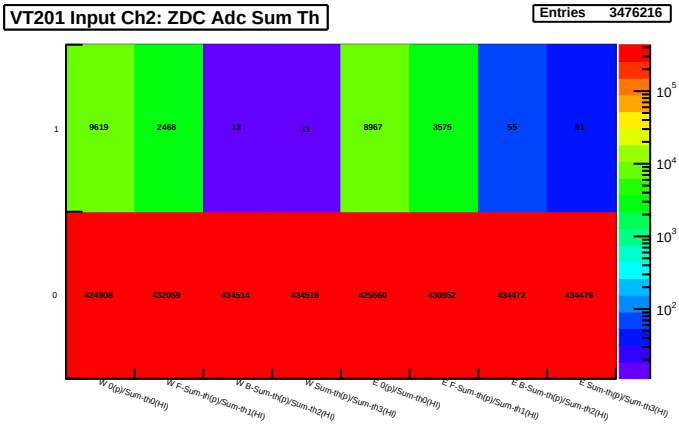

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

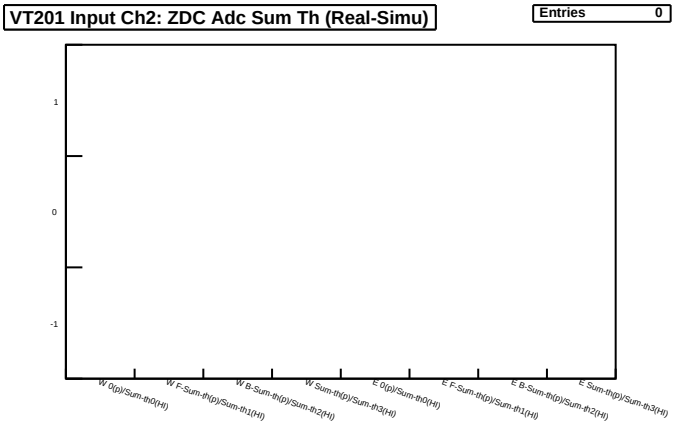

VT201 Input Ch1: EPD Hit Count Th
Entries 869054
429712
428402
4815
6125
East
West

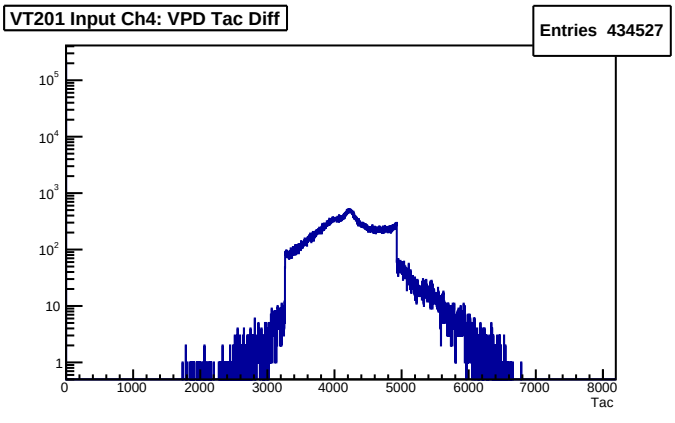

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

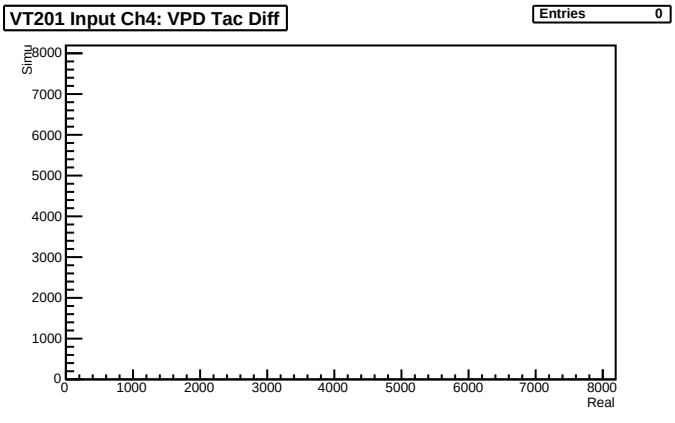

VT201 Input Ch2: ZDC Tac Diff
Entries 434527
Tac

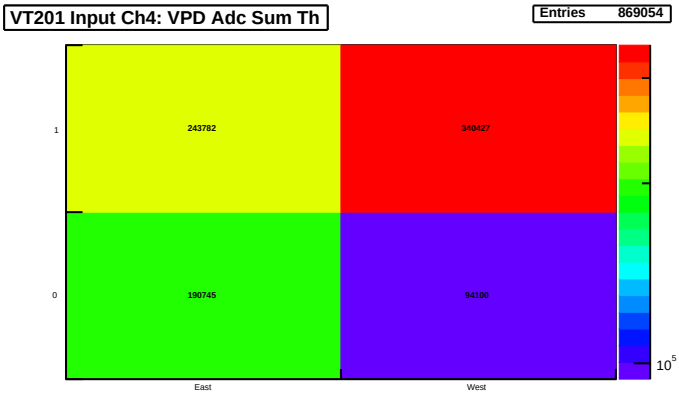

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

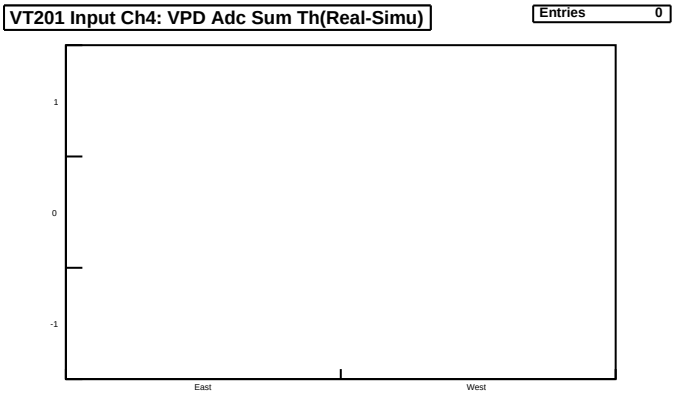

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3476216
9619
2468
13
11
8967
3575
55
51
424908
432059
434514
434516
425560
430952
434472
434476
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

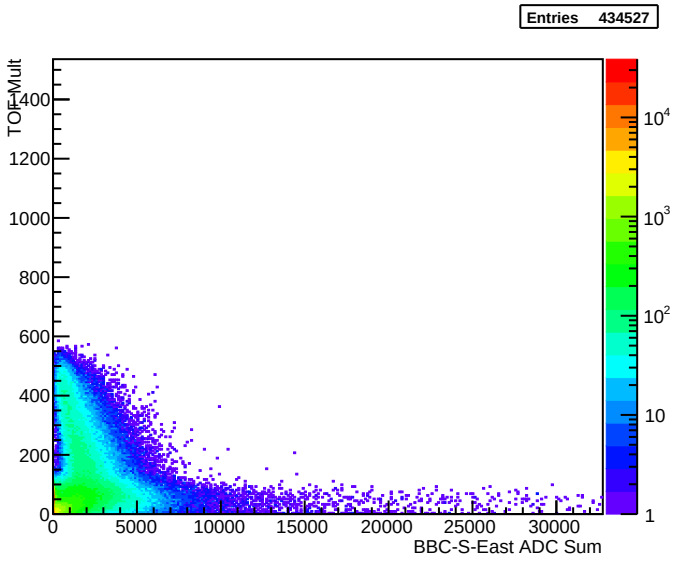

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

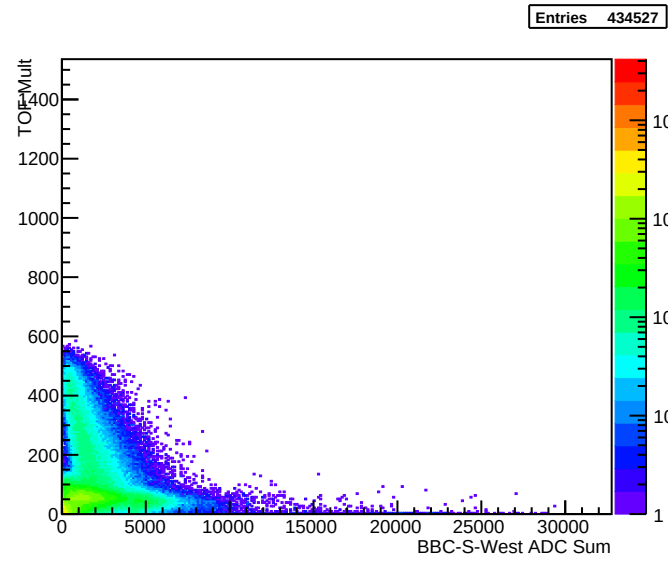

VT201 Input Ch4: VPD Tac Diff
Entries 434527
Tac

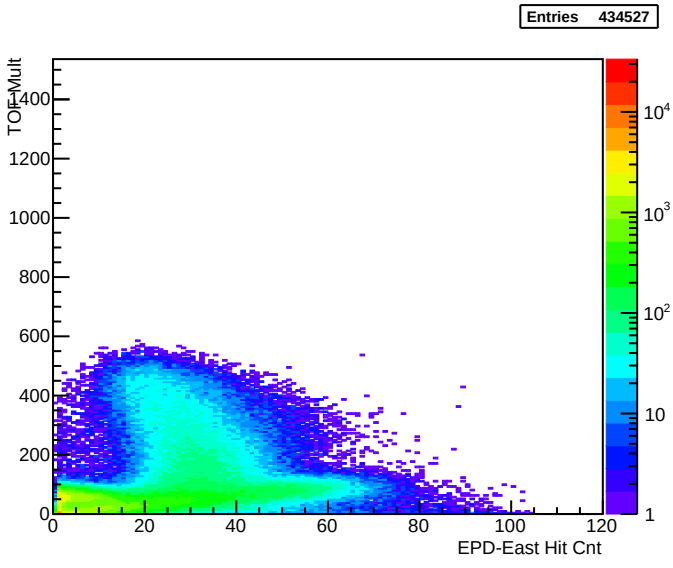

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

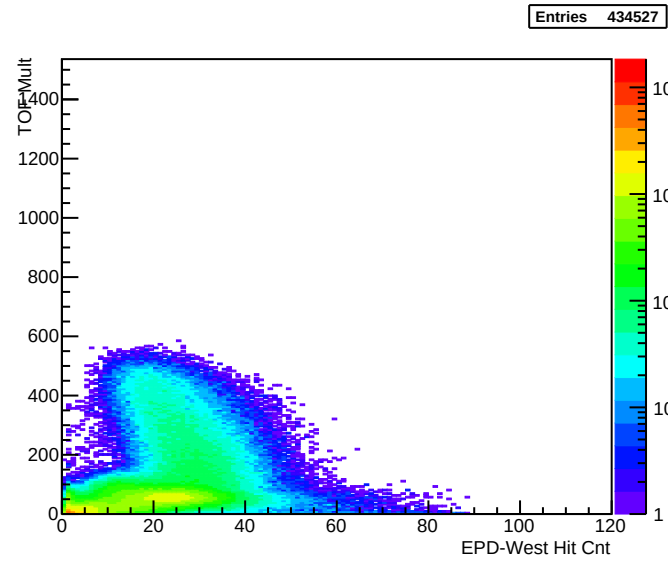

VT201 Input Ch4: VPD Adc Sum Th
Entries 869054
243782
340427
190745
94100
East
West

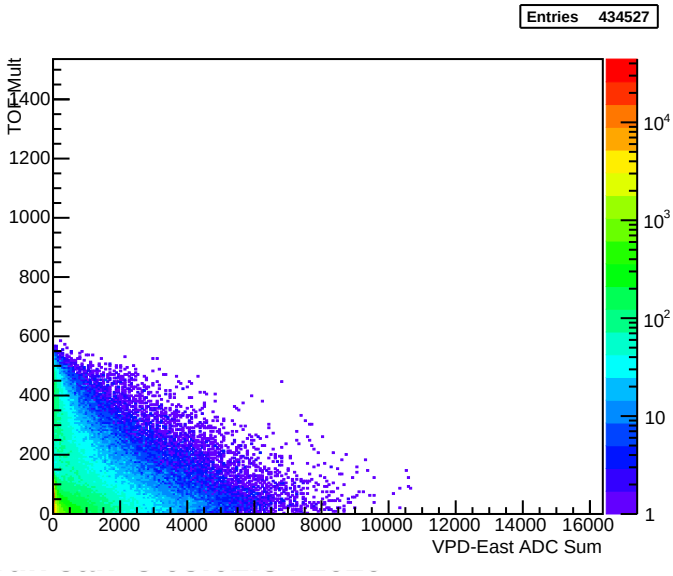

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

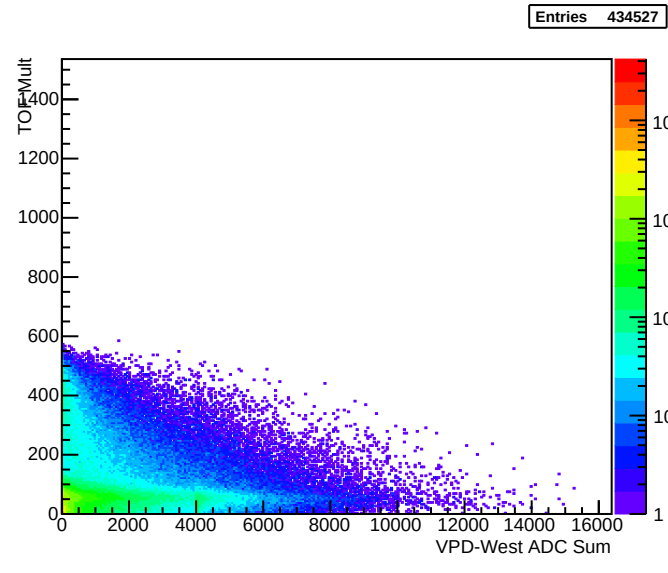

Entries 434527
TOF-Mult
BBC-S-East ADC Sum

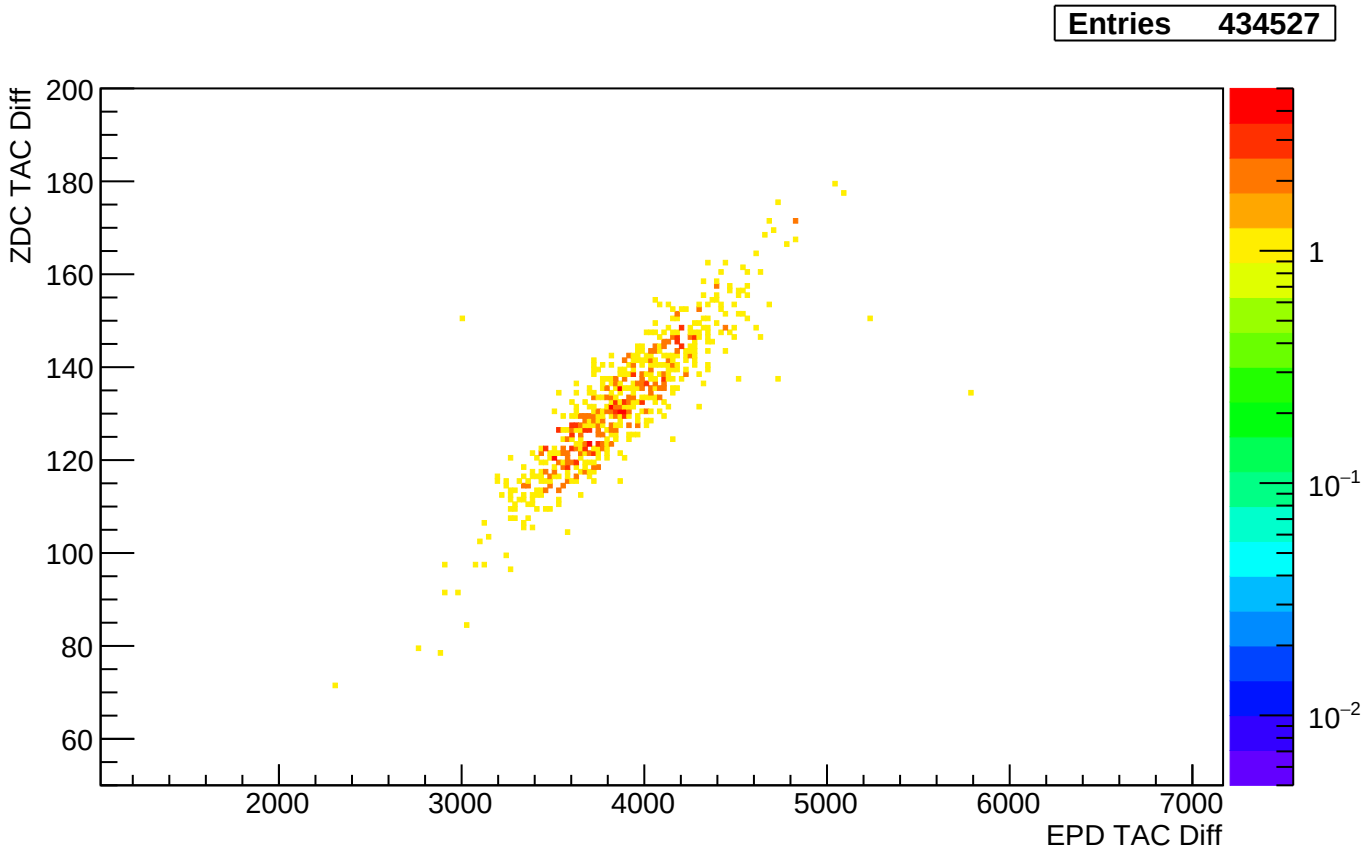

Entries 434527
TOF-Mult
BBC-S-West ADC Sum

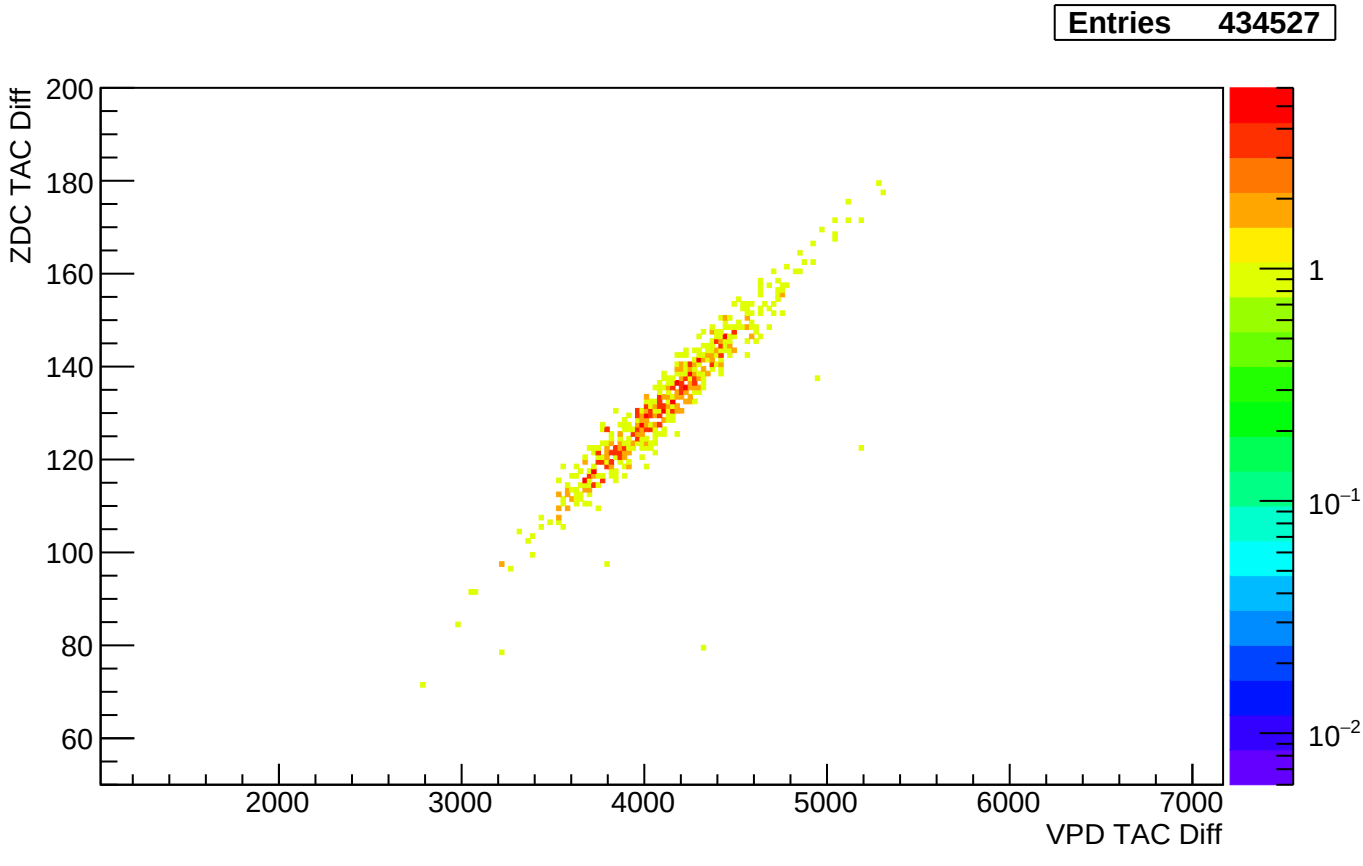

Entries 434527
TOF-Mult
EPD-East Hit Cnt

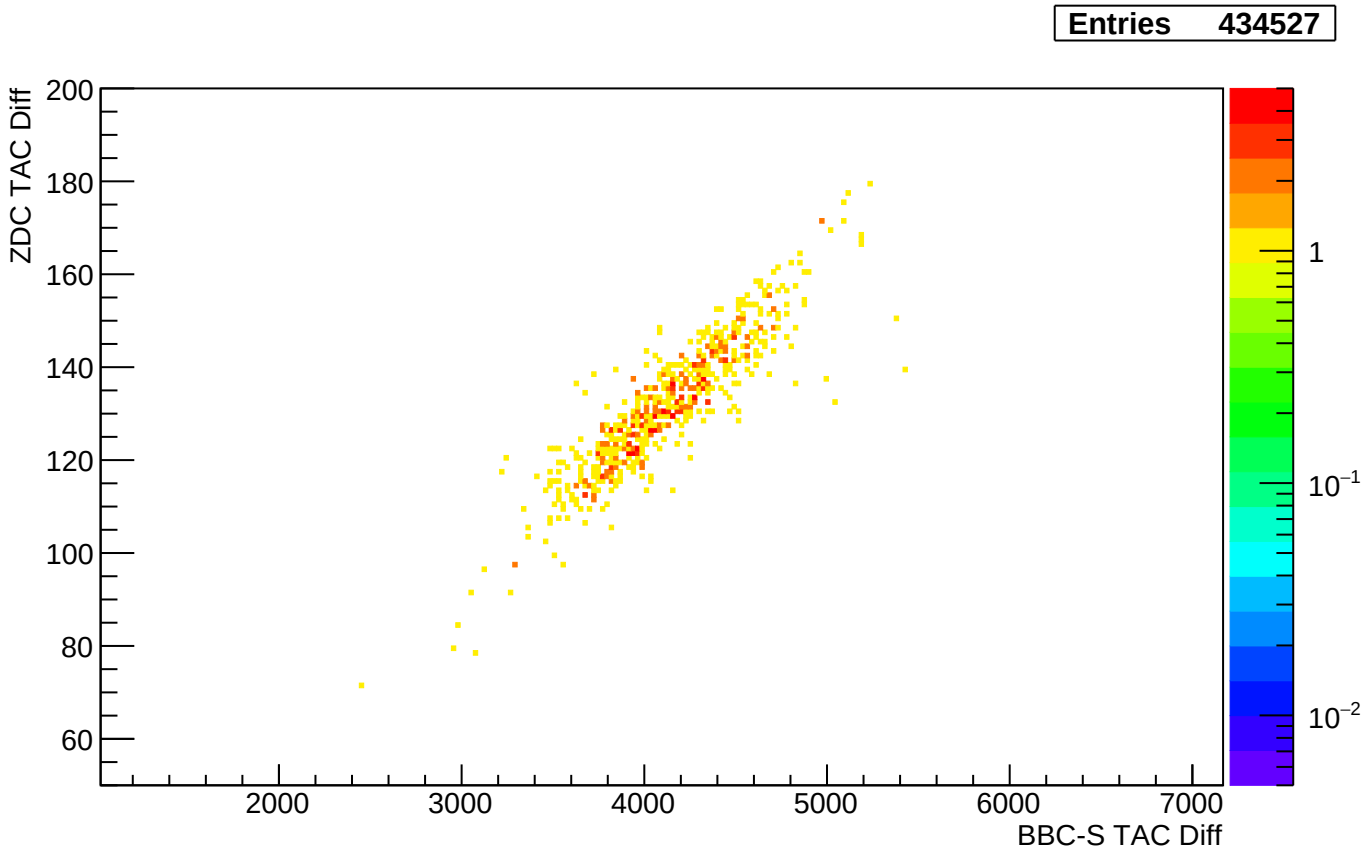

Entries 434527
TOF-Mult
EPD-West Hit Cnt

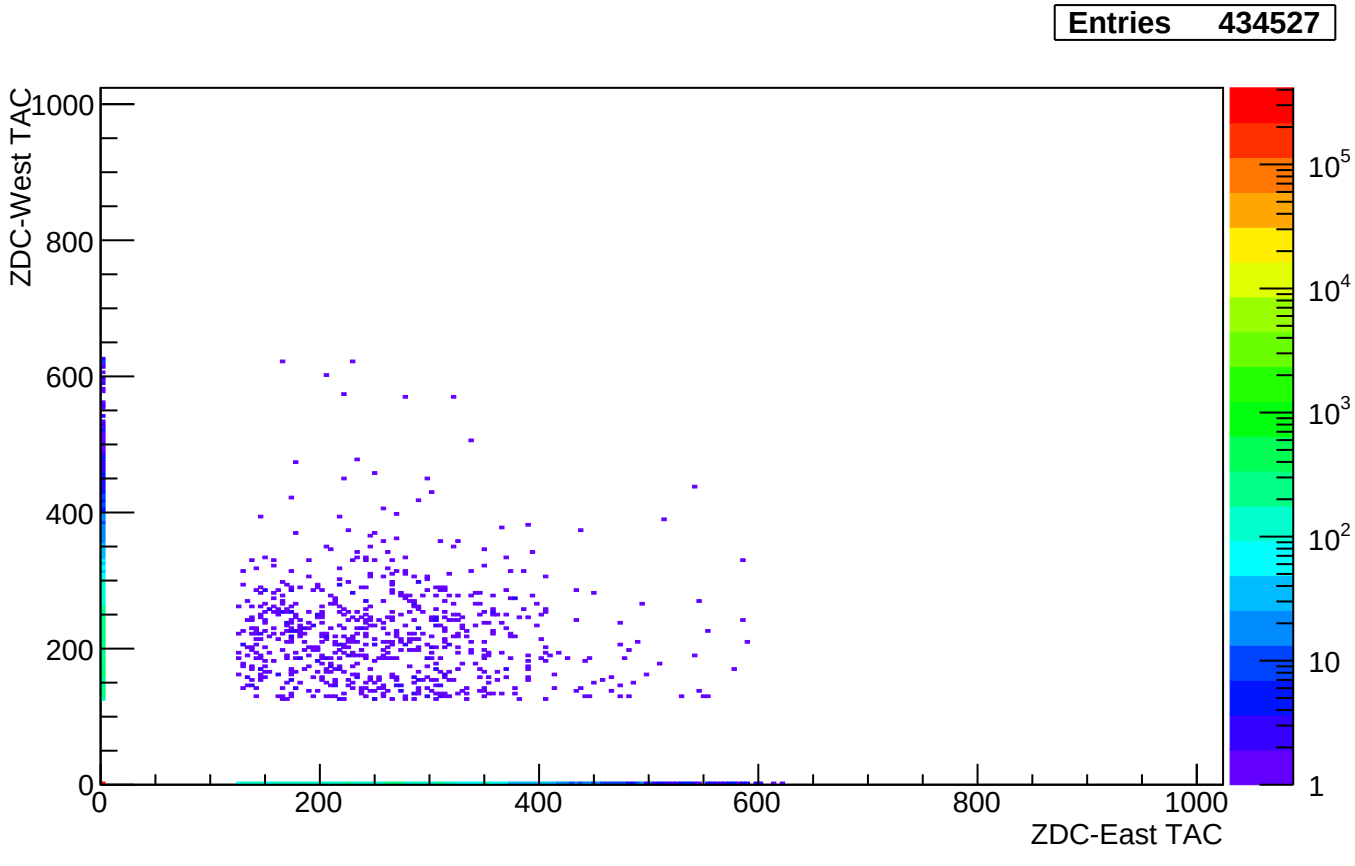

Entries 434527
TOF-Mult
VPD-East ADC Sum

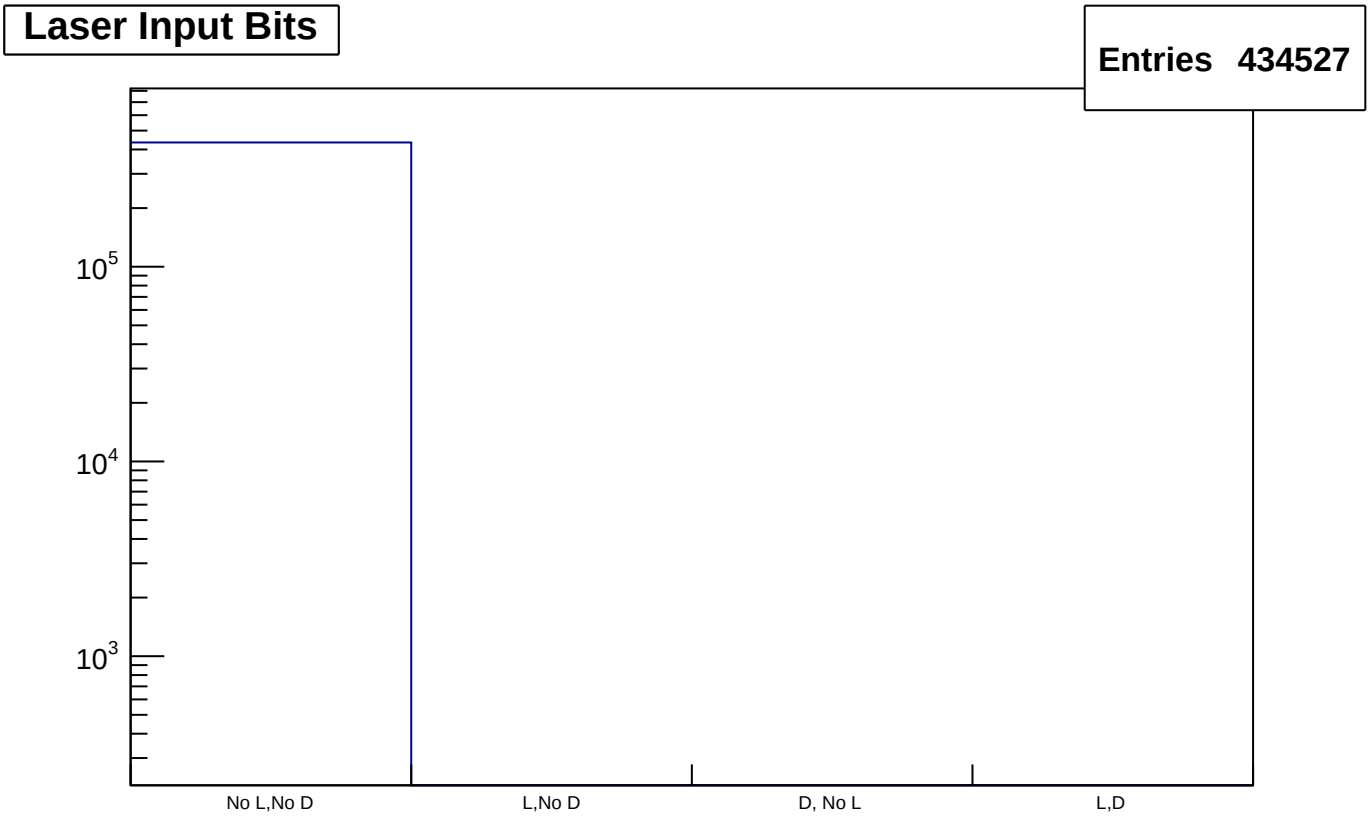

Entries 434527
TOF-Mult
VPD-West ADC Sum

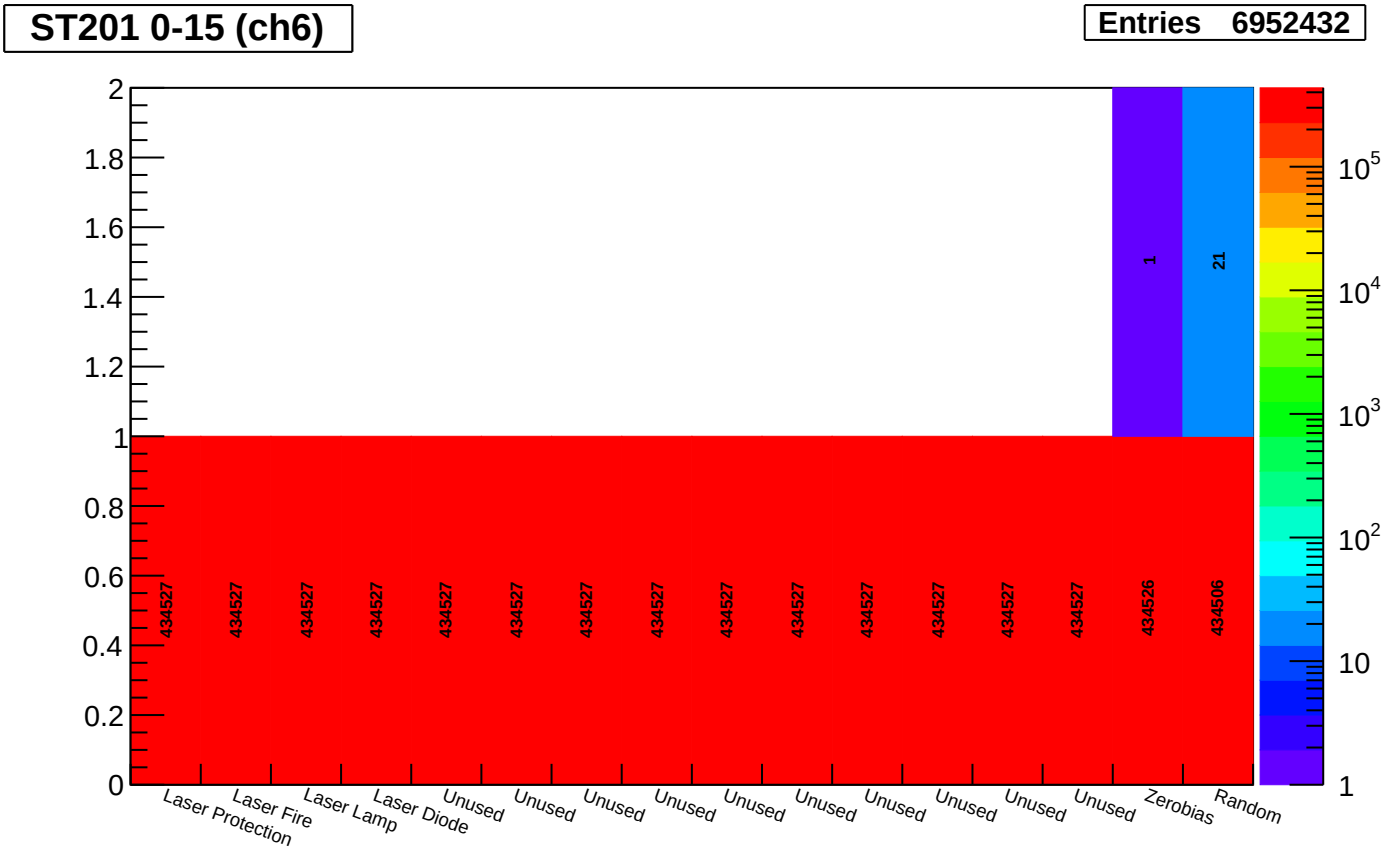

Entries 434527
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

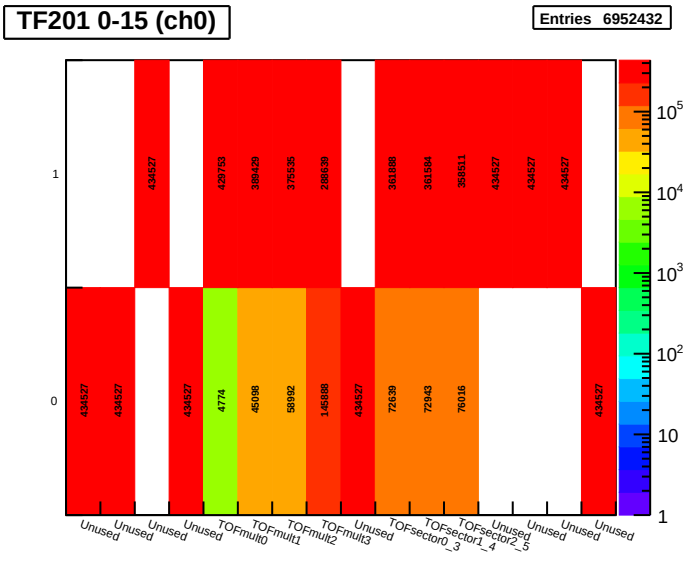

Entries 434527
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

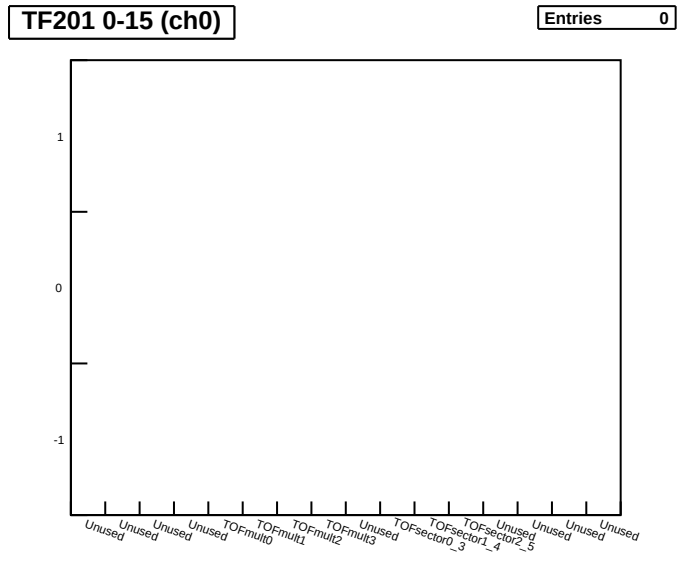

Entries 434527
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

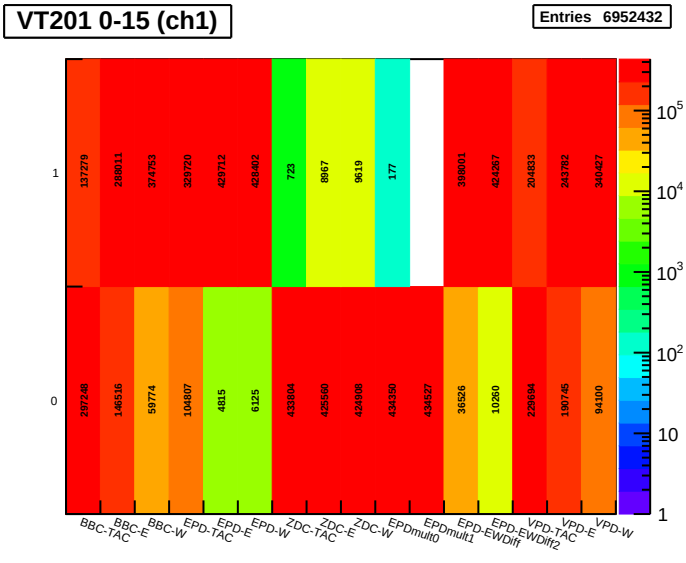

Entries 434527
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

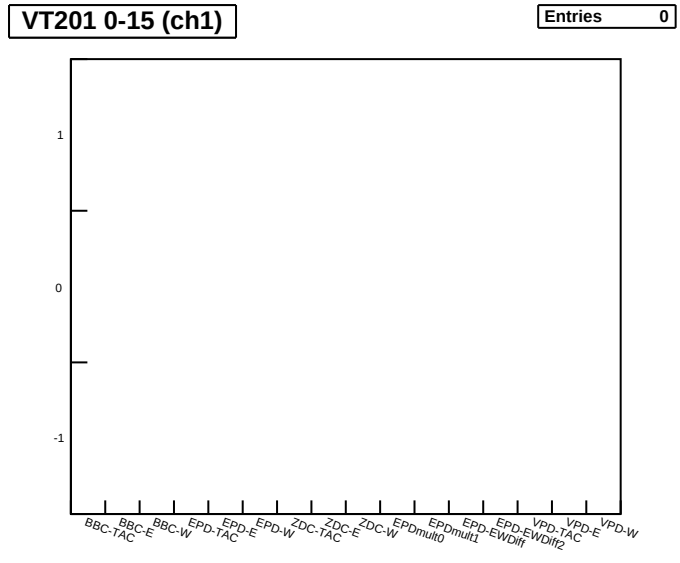

Laser Input Bits
Entries 434527
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

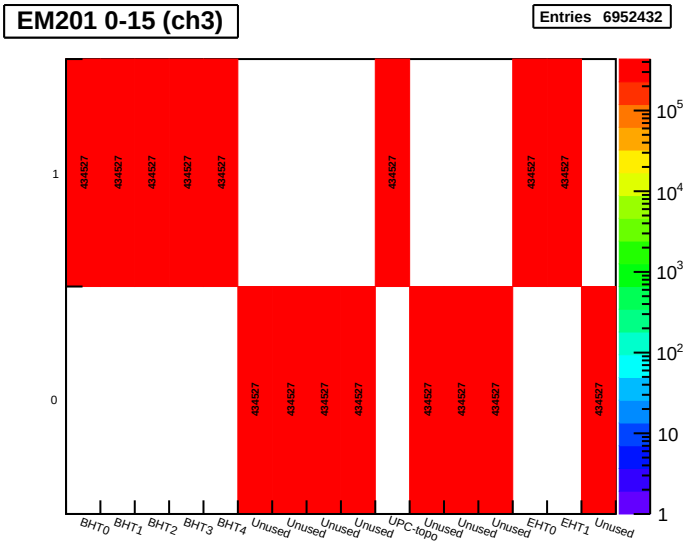

ST201 0-15 (ch6)
Entries 6952432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
434527
434527
434527
434527
434527
434527
434527
434527
434527
434527
434527
434527
434527
434527
434526
434506
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

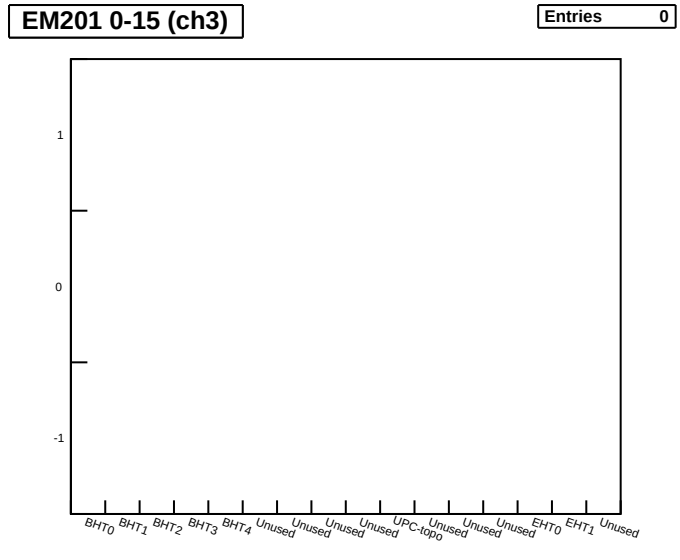

TF201 0-15 (ch0)
Entries 6952432
434527 434527 434527 434527 429753 389429 375535 288639 361888 361584 358911 434527 434527 434527
434527 434527 434527 4774 45098 58992 145888 434527 72639 72943 76016 434527
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1
0
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 6952432
137279 288011 374753 329720 429712 428402 723 8967 9619 177 398001 424267 204833 243782 340427
239248 146516 59774 104807 4815 6125 433804 425560 426908 434350 434527 36526 10260 229694 190745 94100
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
1
0
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
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
1
0
-1


EM201 0-15 (ch3)
Entries 6952432
434527 434527 434527 434527 434527 434527 434527 434527
434527 434527 434527 434527 434527 434527 434527 434527
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1
0
10^5 10^4 10^3 10^2 10 1


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