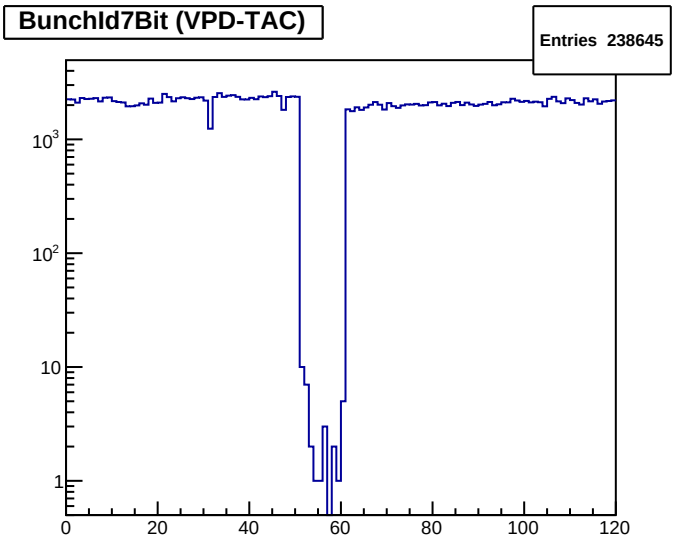
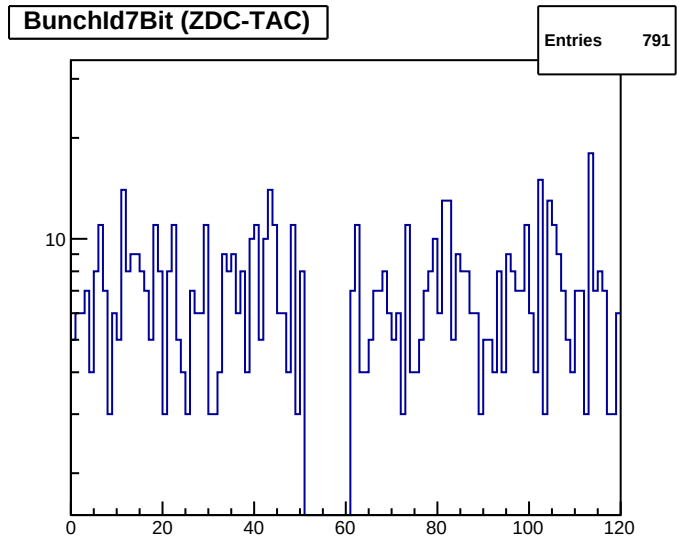
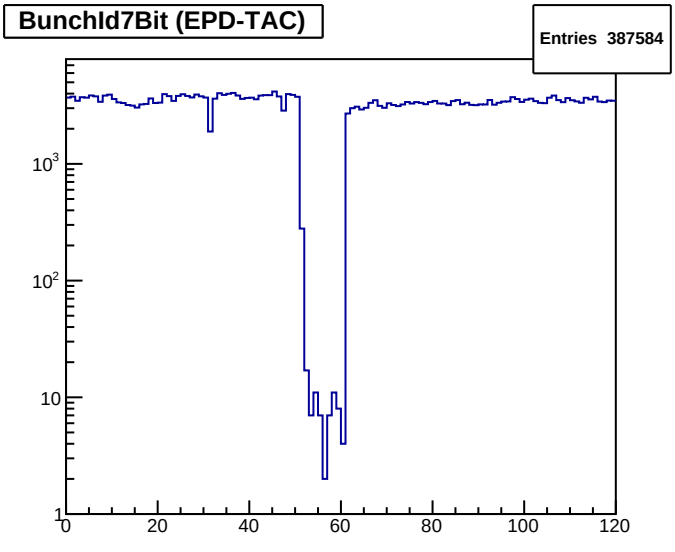
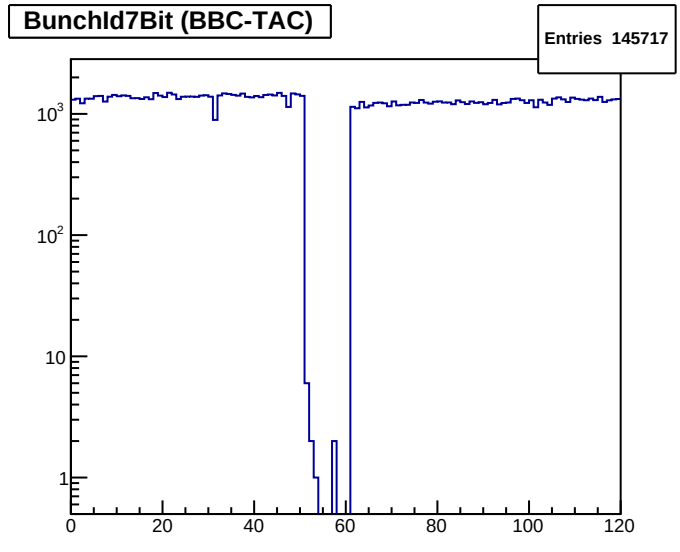
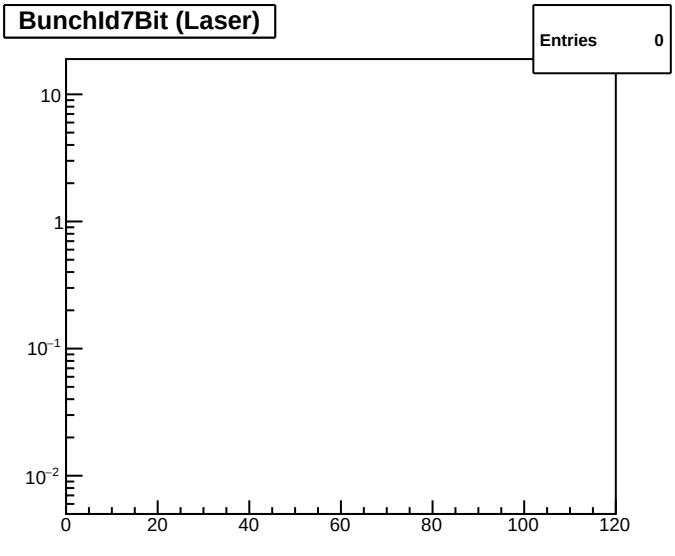
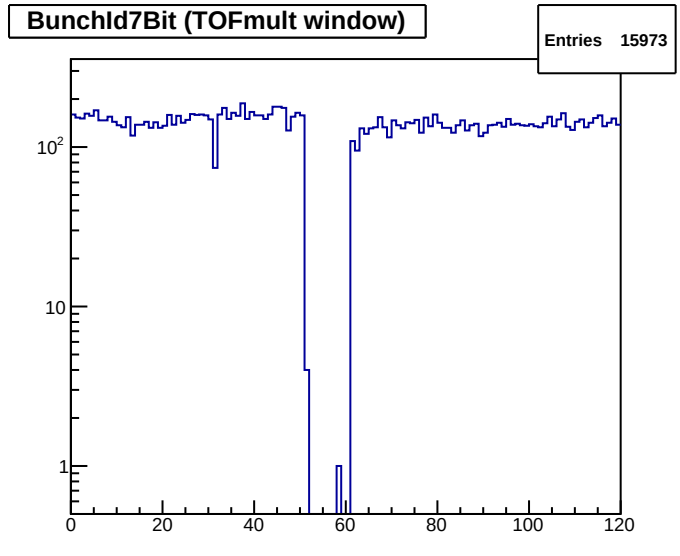

BunchId7Bit (VPD-TAC)
Entries 238645

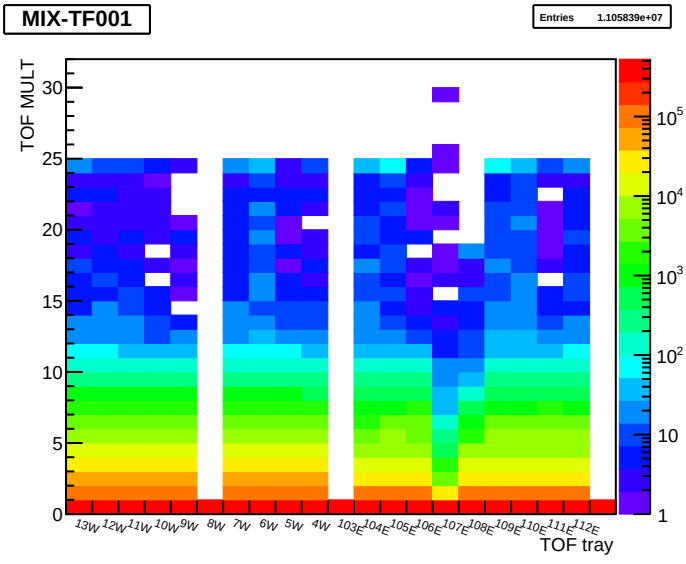

BunchId7Bit (ZDC-TAC)
Entries 791

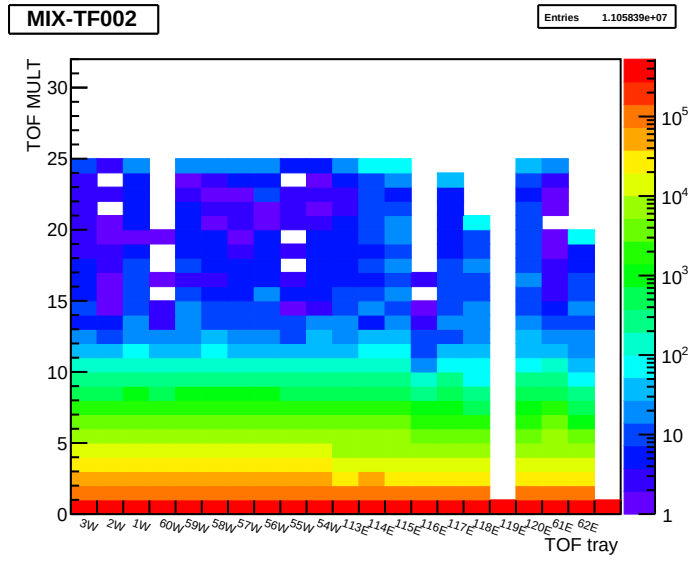

BunchId7Bit (EPD-TAC)
Entries 387584

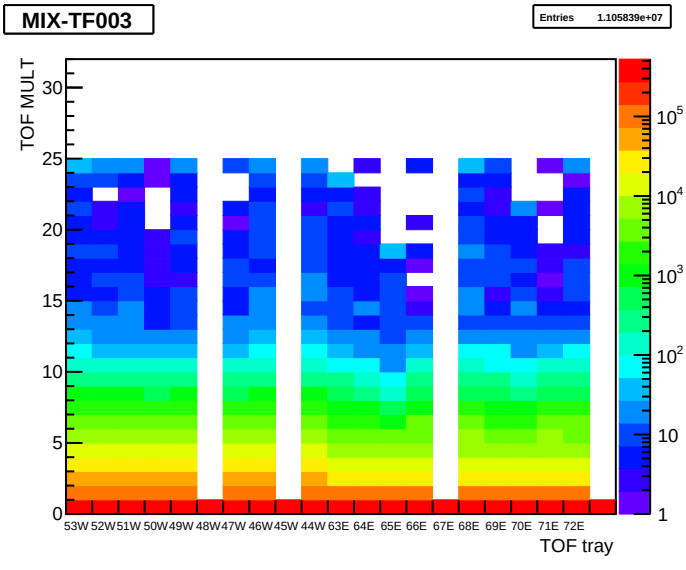

BunchId7Bit (BBC-TAC)
Entries 145717

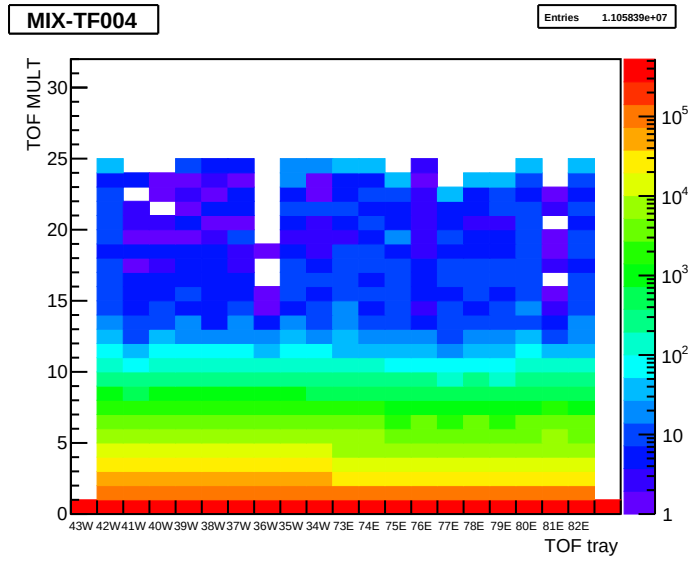

BunchId7Bit (Laser)
Entries 0

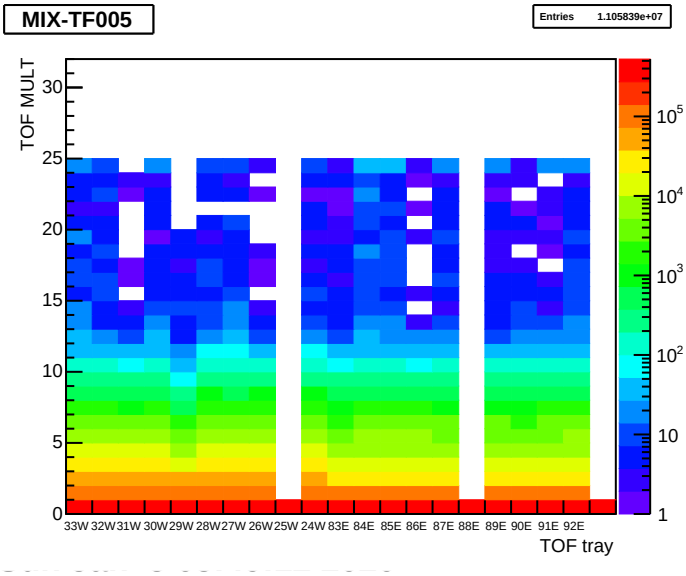

BunchId7Bit (TOFmult window)
Entries 15973

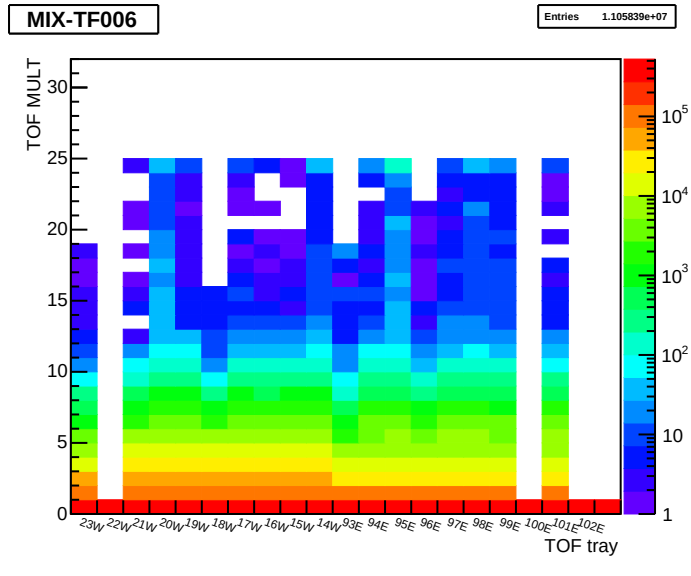

MIX-TF001
Entries 1.105839e+07
TOF MULT
TOF tray

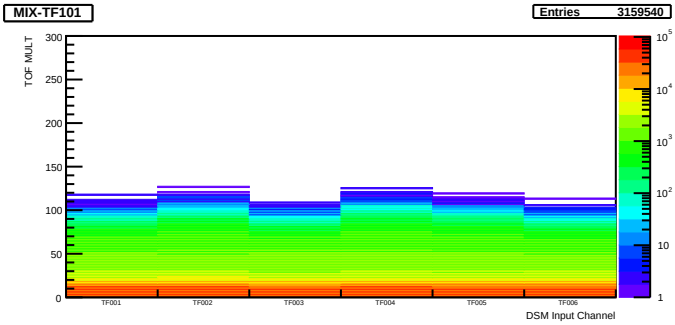

MIX-TF002
Entries 1.105839e+07
TOF MULT
TOF tray

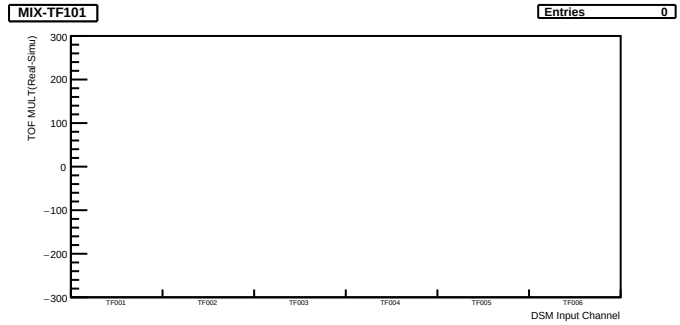

MIX-TF003
Entries 1.105839e+07
TOF MULT
TOF tray

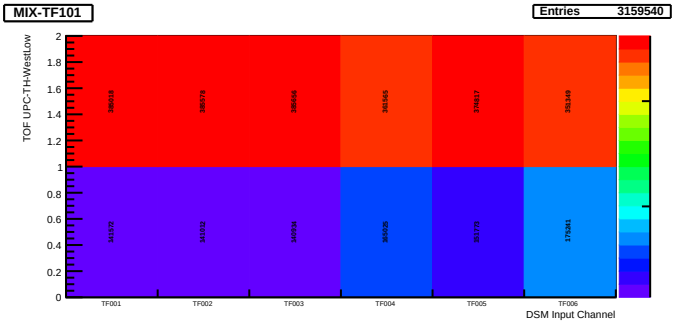

MIX-TF004
Entries 1.105839e+07
TOF MULT
TOF tray

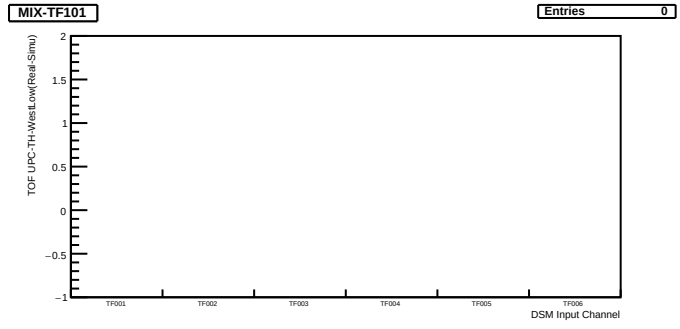

MIX-TF005
Entries 1.105839e+07
TOF MULT
TOF tray

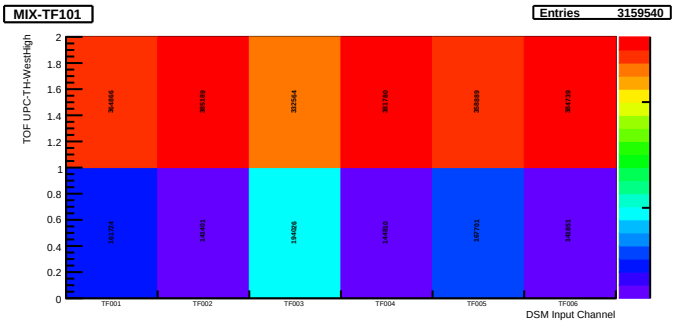

MIX-TF006
Entries 1.105839e+07
TOF MULT
TOF tray

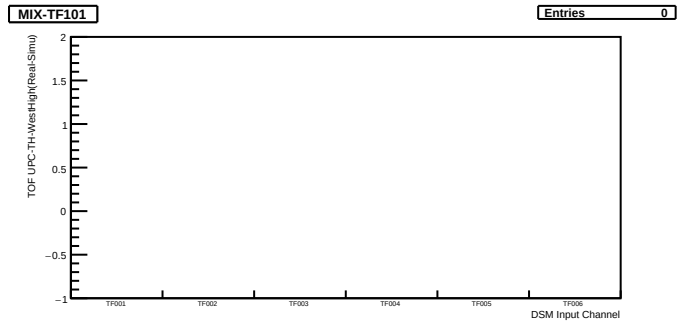

MIX-TF101
Entries 3159540
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

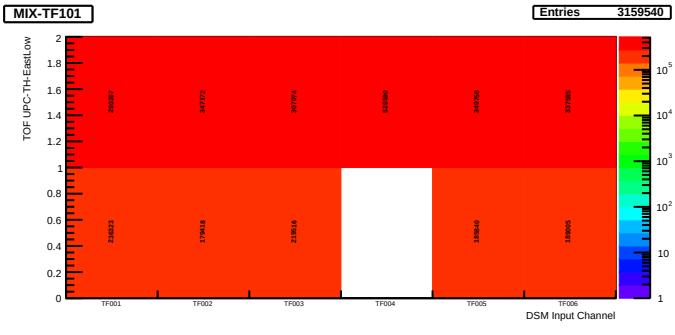

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

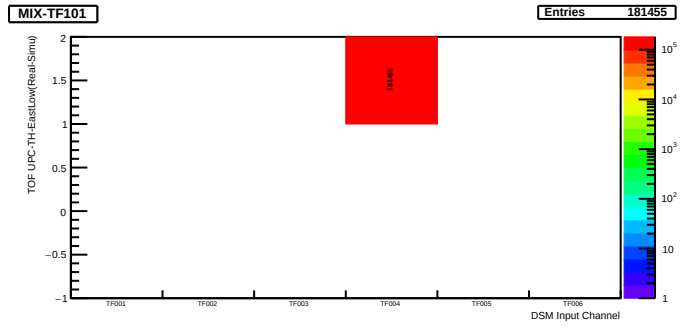

MIX-TF101
Entries 3159540
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

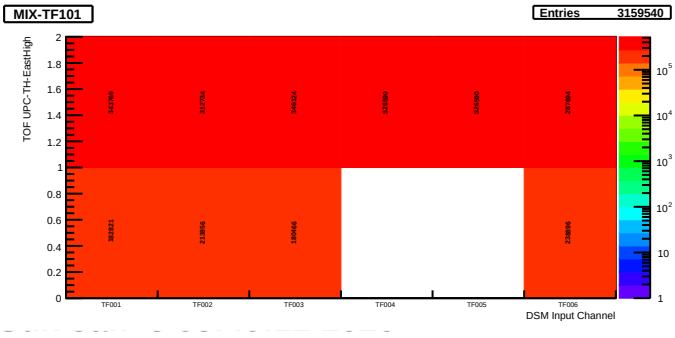

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

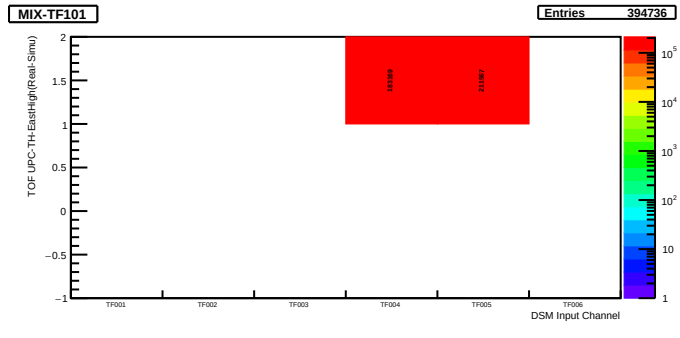

MIX-TF101
Entries 3159540
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

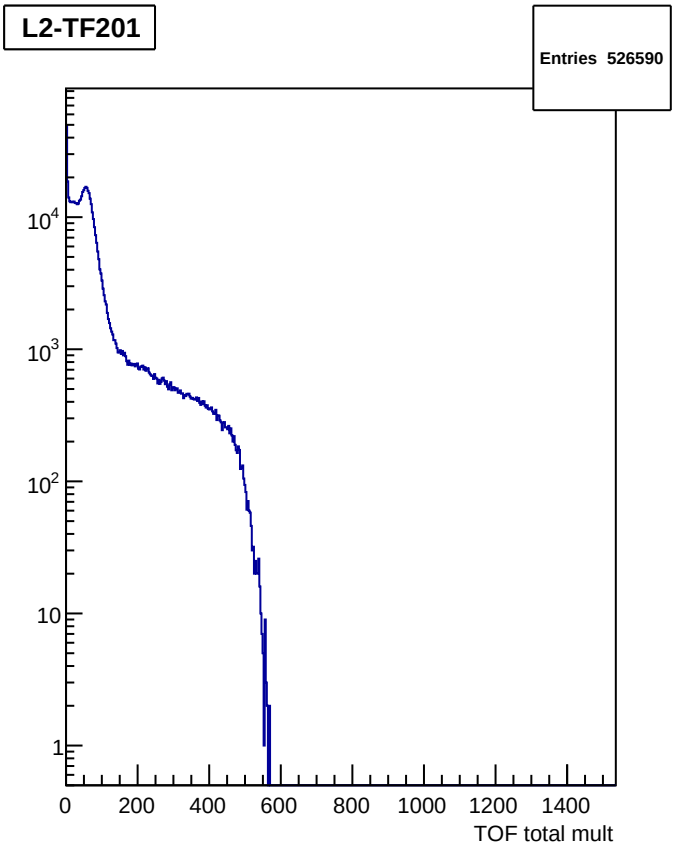

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

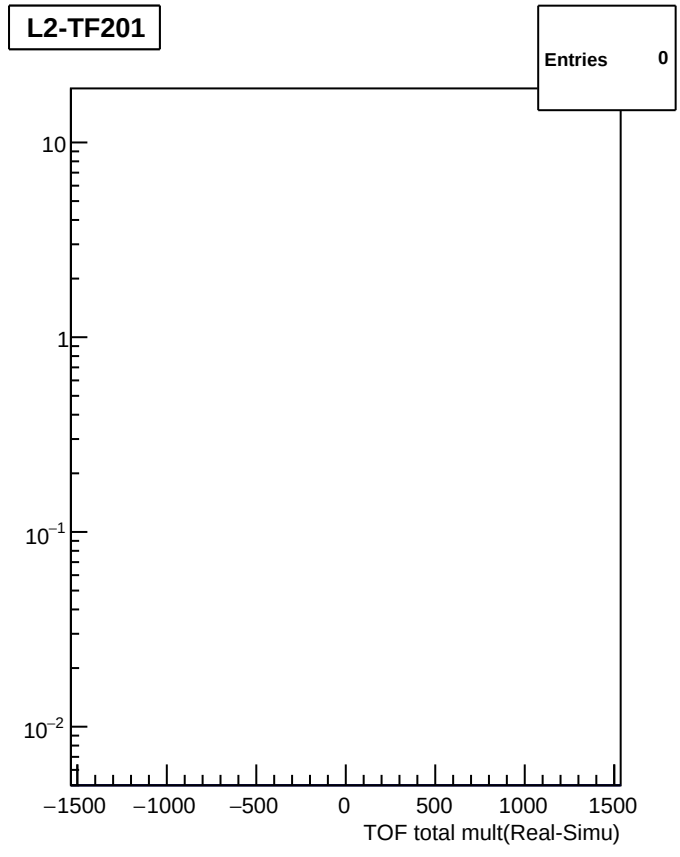

MIX-TF101
Entries 3159540
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

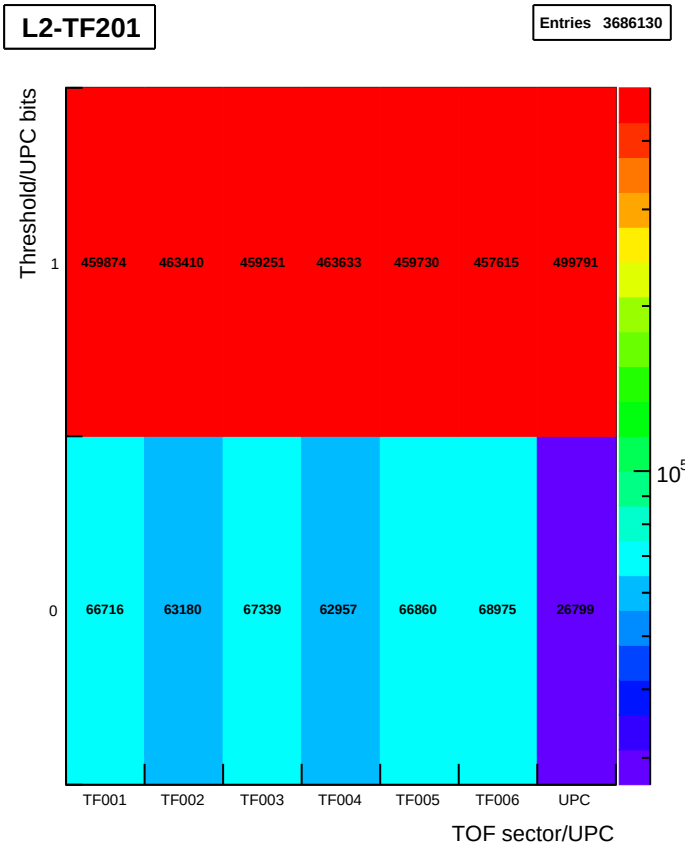

MIX-TF101
Entries 181455
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

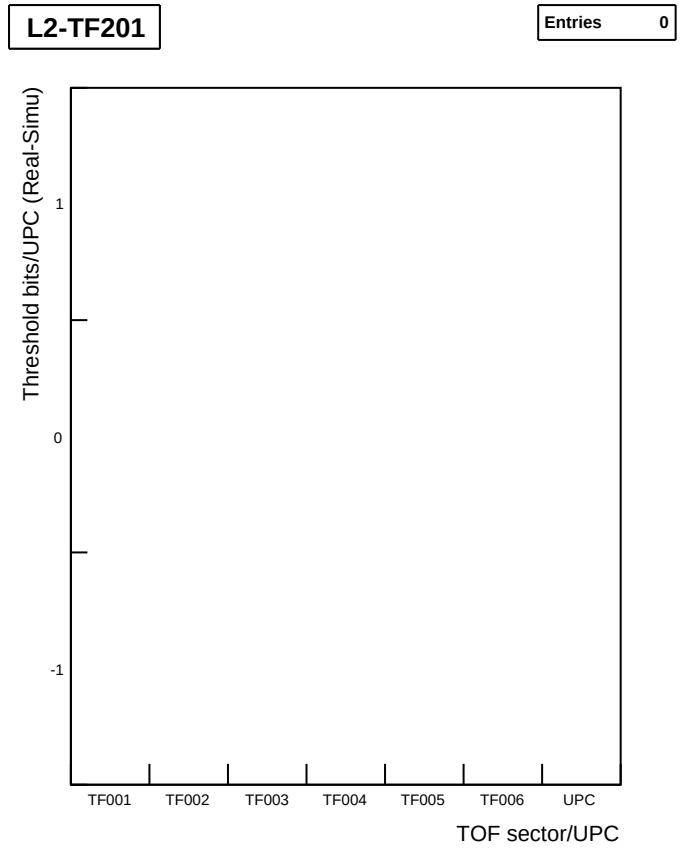

MIX-TF101
Entries 3159540
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

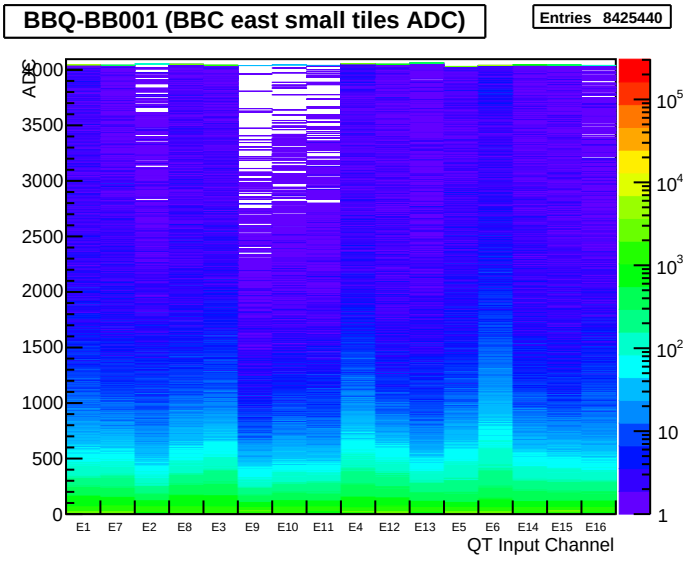

MIX-TF101
Entries 394736
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

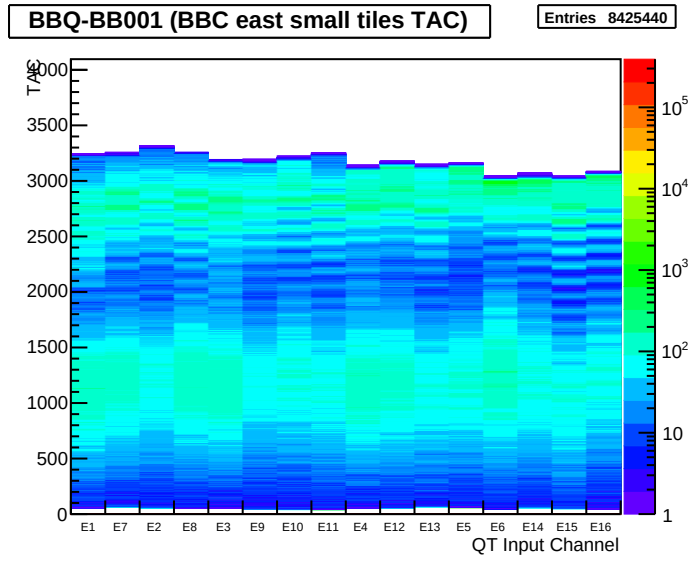

L2-TF201
Entries 526590
TOF total mult

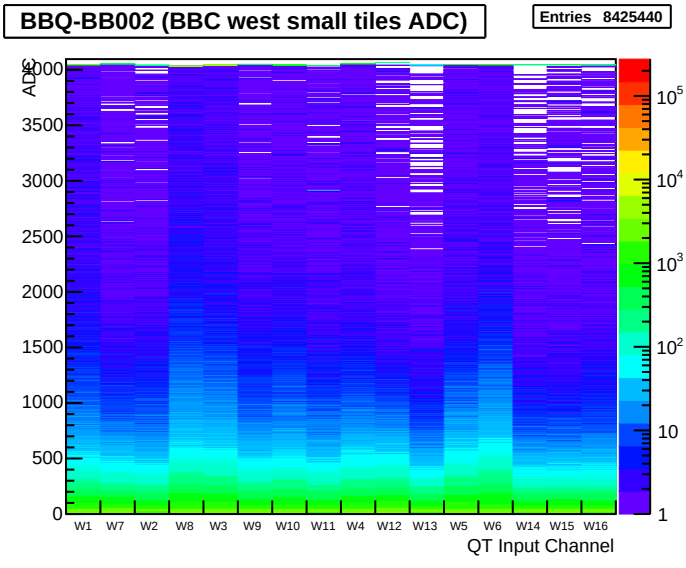

L2-TF201
Entries 0
TOF total mult(Real-Simu)

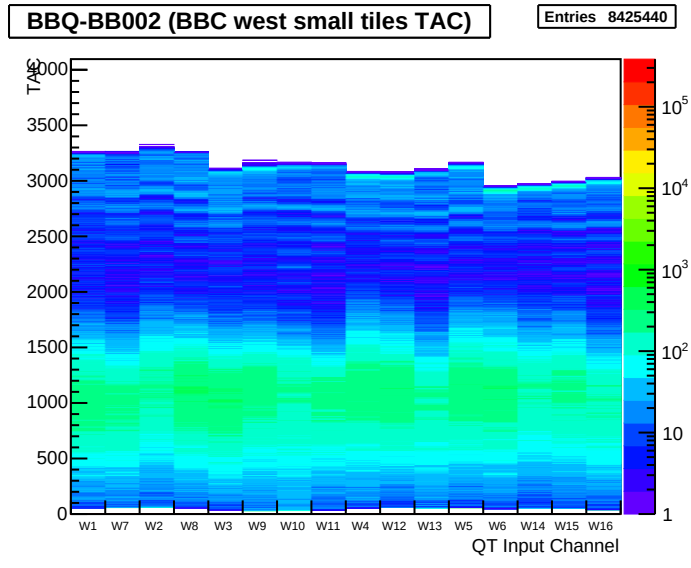

L2-TF201
Entries 3686130
Threshold/UPC bits
459874
463410
459251
463633
459730
457615
499791
66716
63180
67339
62957
66860
68975
26799
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

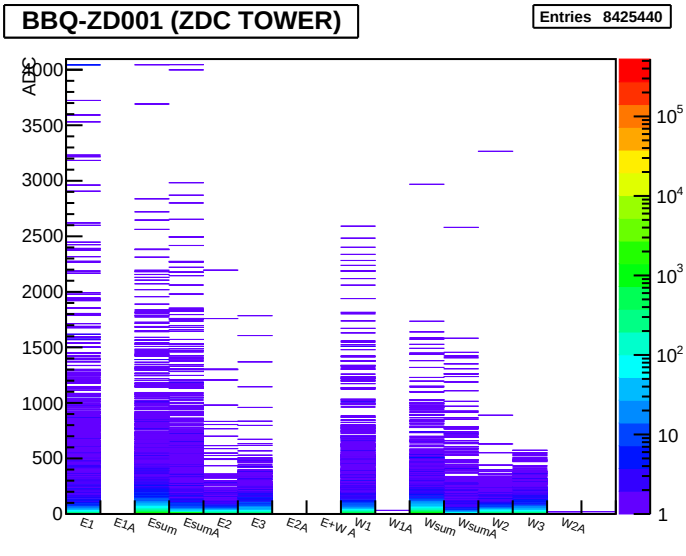

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

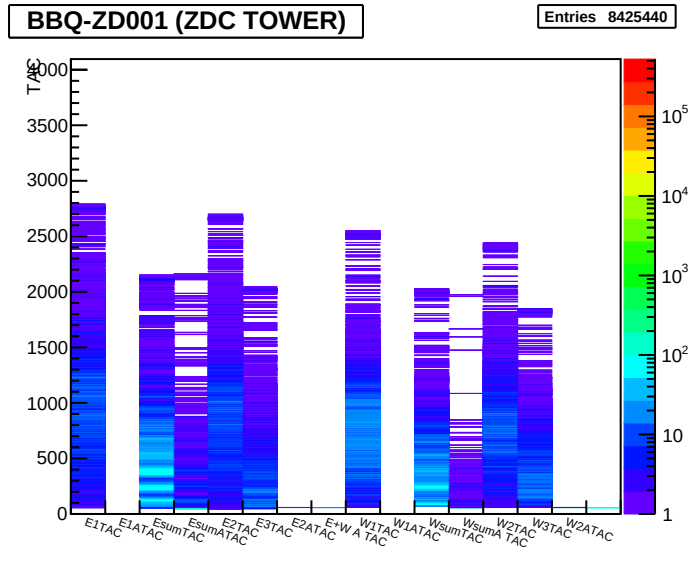

BBQ-BB001 (BBC east small tiles ADC)
Entries 8425440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

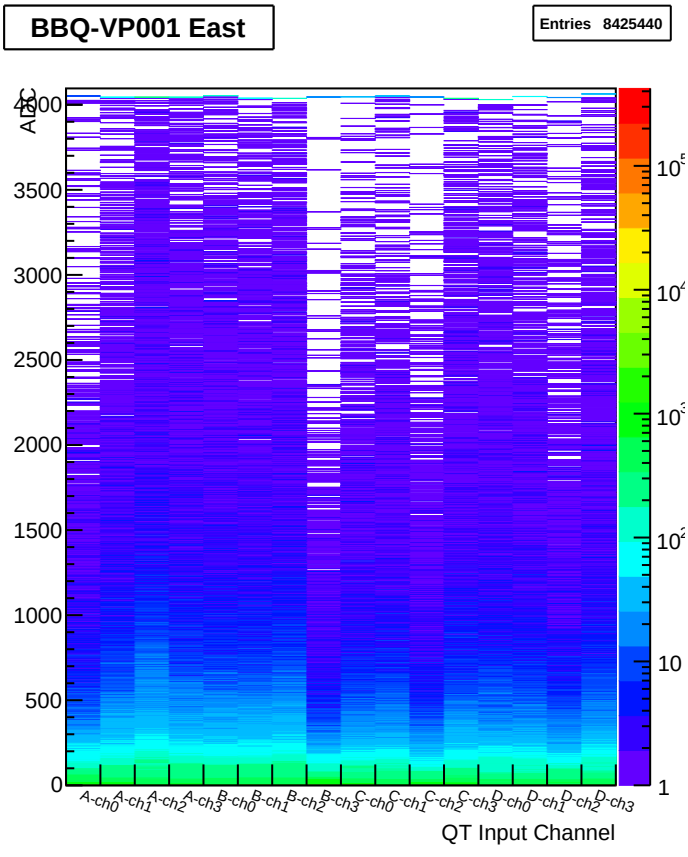

BBQ-BB001 (BBC east small tiles TAC)
Entries 8425440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

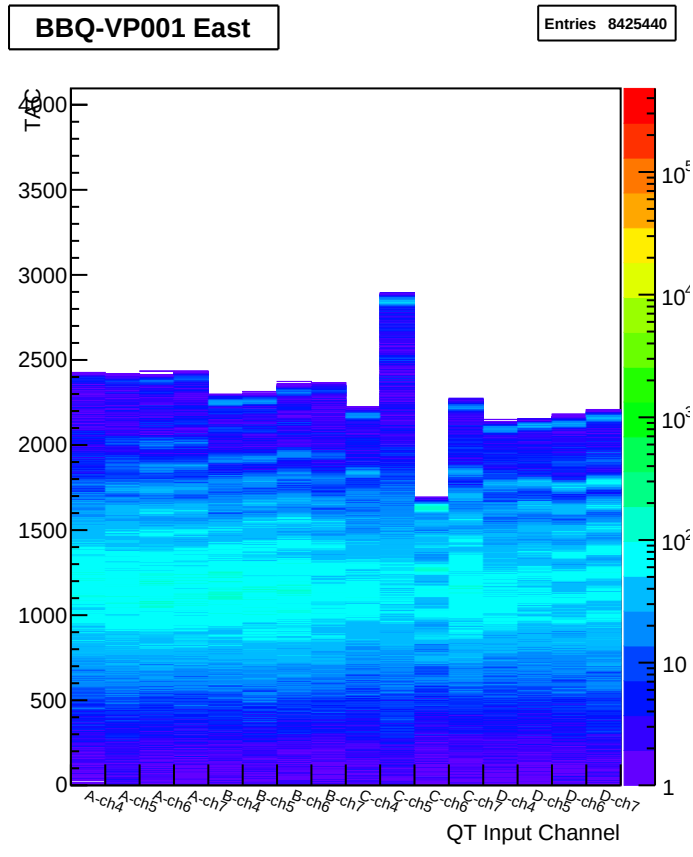

BBQ-BB002 (BBC west small tiles ADC)
Entries 8425440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

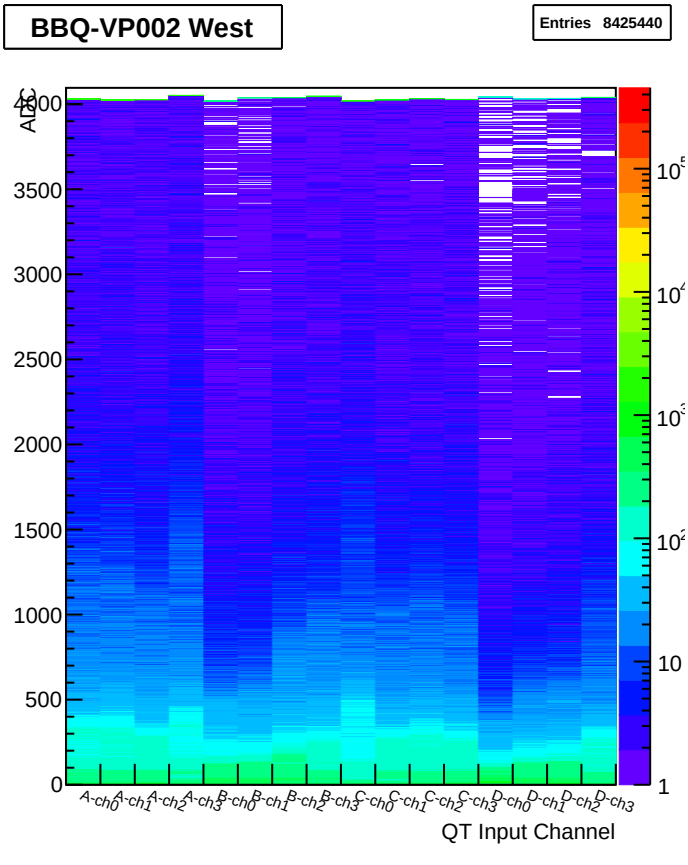

BBQ-BB002 (BBC west small tiles TAC)
Entries 8425440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

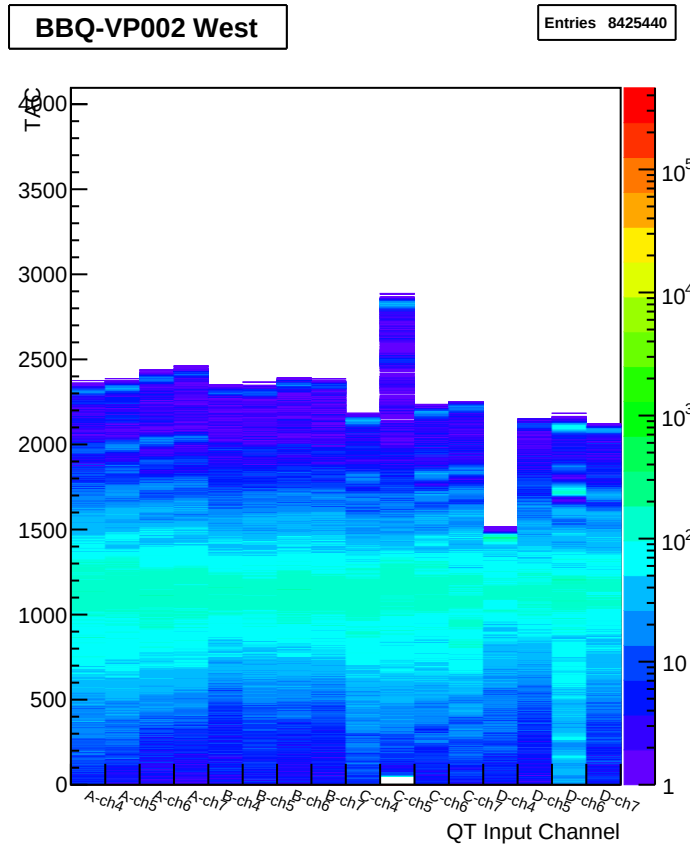

BBQ-ZD001 (ZDC TOWER)
Entries 8425440
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

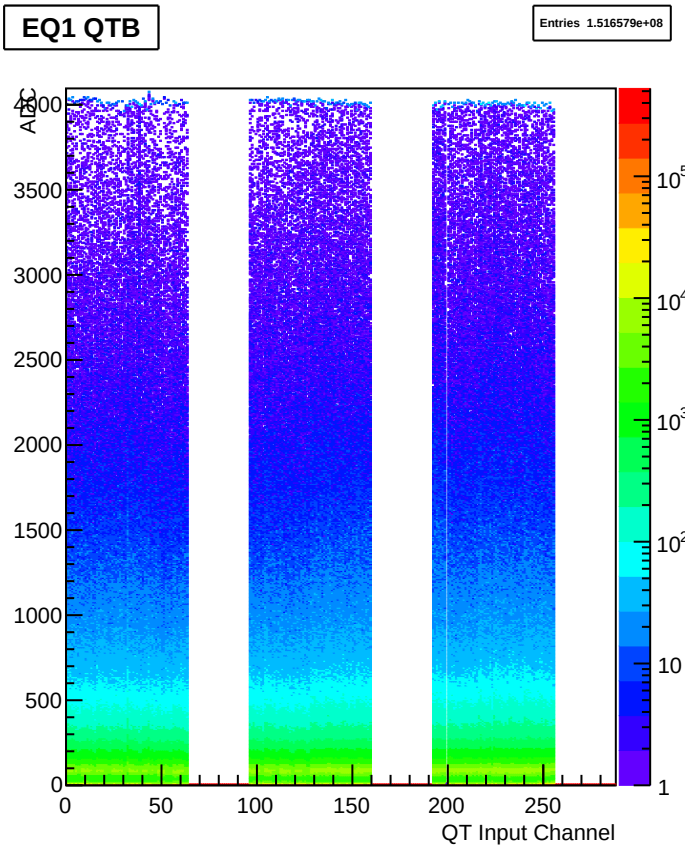

BBQ-ZD001 (ZDC TOWER)
Entries 8425440
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

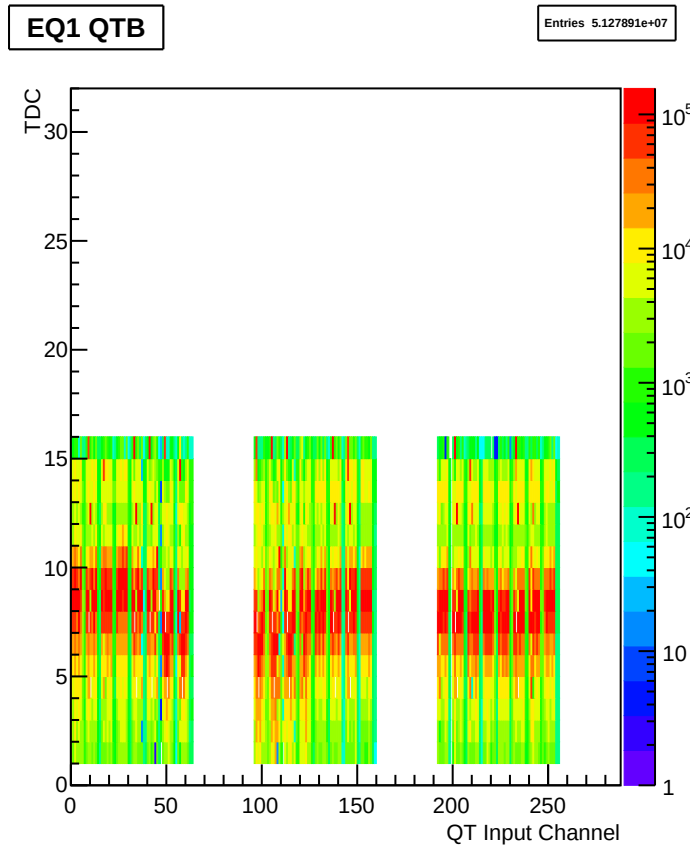

BBQ-VP001 East
Entries 8425440
ADC
QT Input Channel

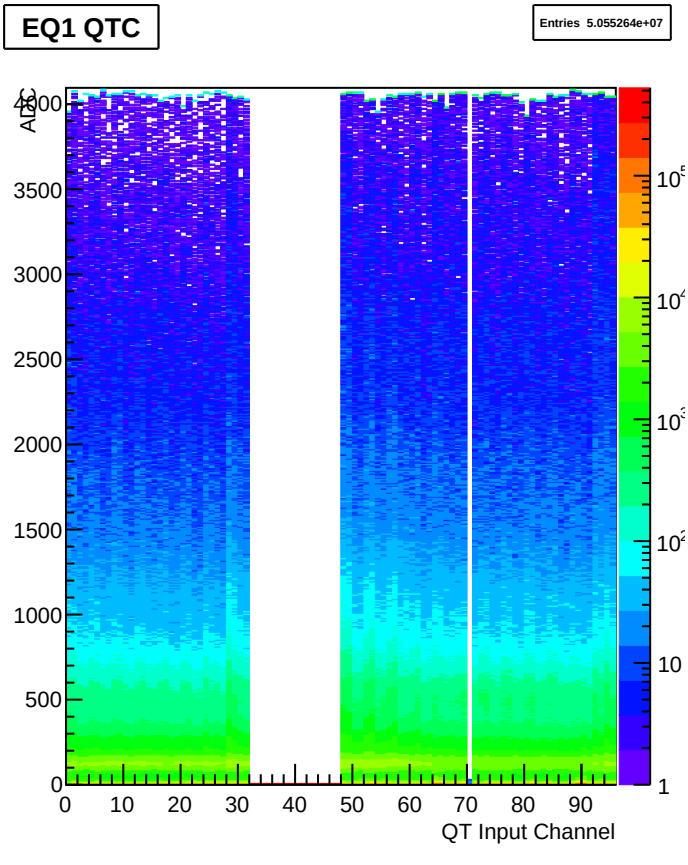

BBQ-VP001 East
Entries 8425440
TADC
QT Input Channel

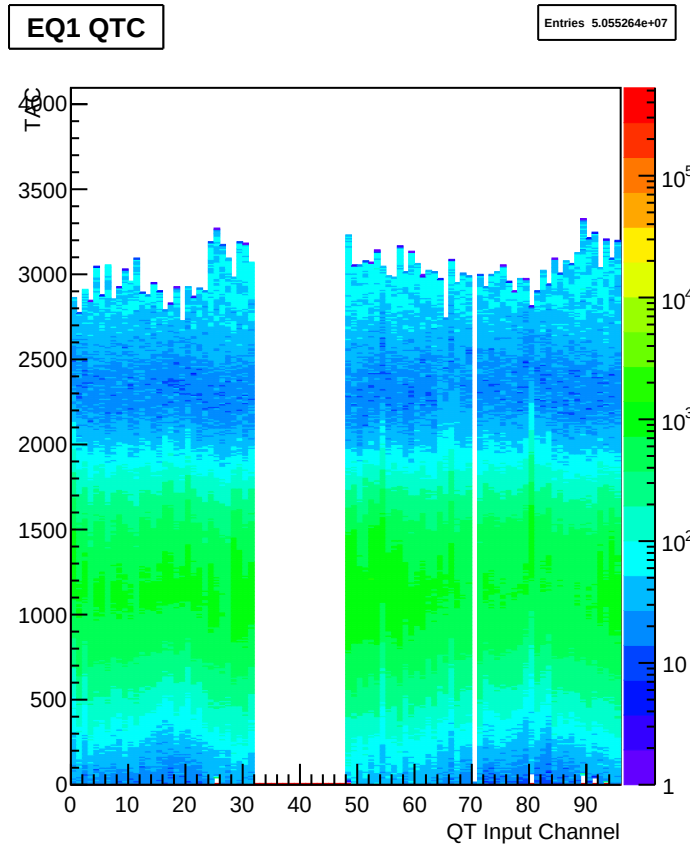

BBQ-VP002 West
Entries 8425440
ADC
QT Input Channel

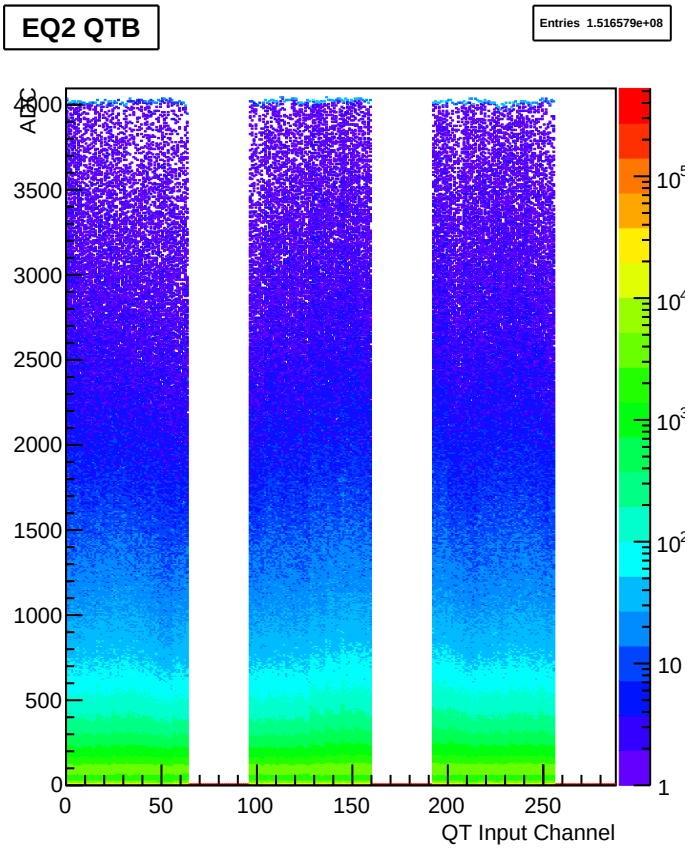

BBQ-VP002 West
Entries 8425440
TADC
QT Input Channel

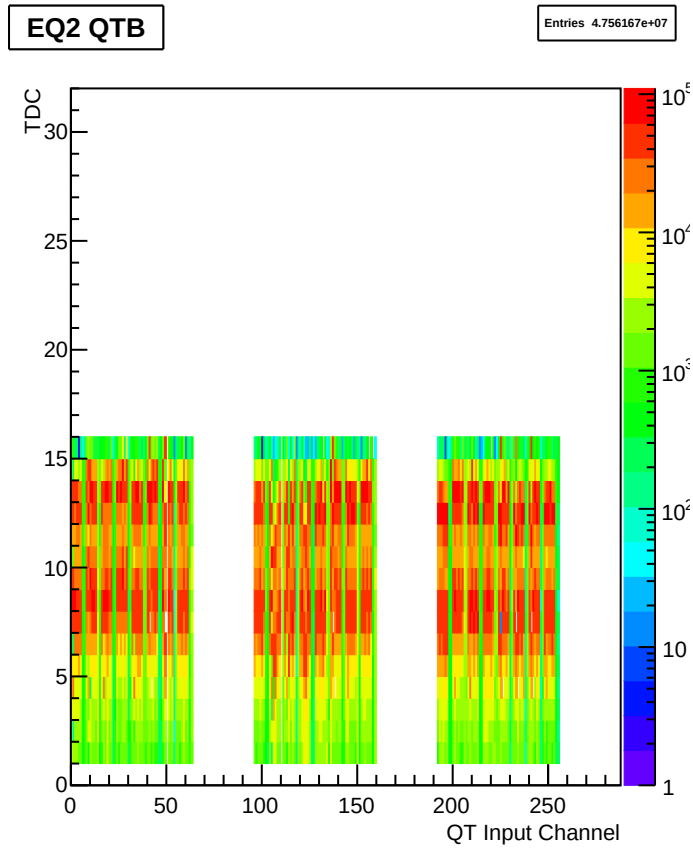

EQ1 QTB
Entries 1.516579e+08
ADC
QT Input Channel

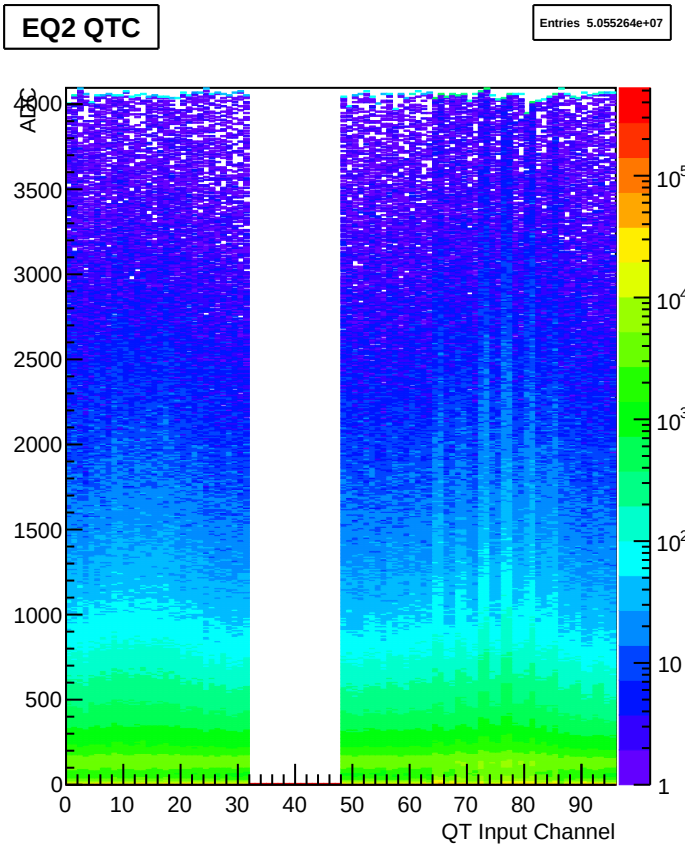

EQ1 QTB
Entries 5.127891e+07
TDC
QT Input Channel

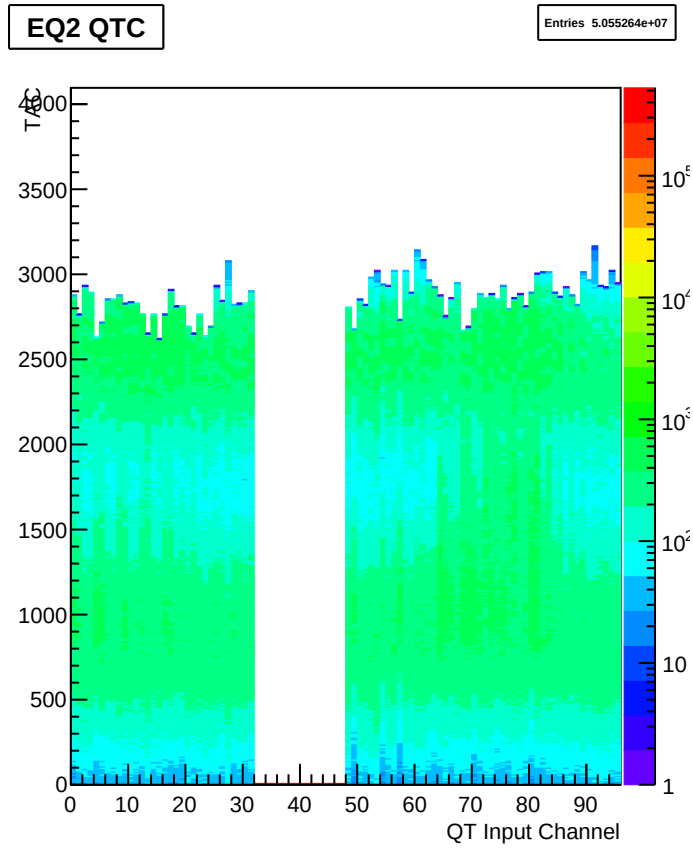

EQ1 QTC
Entries 5.055264e+07
ADC
QT Input Channel

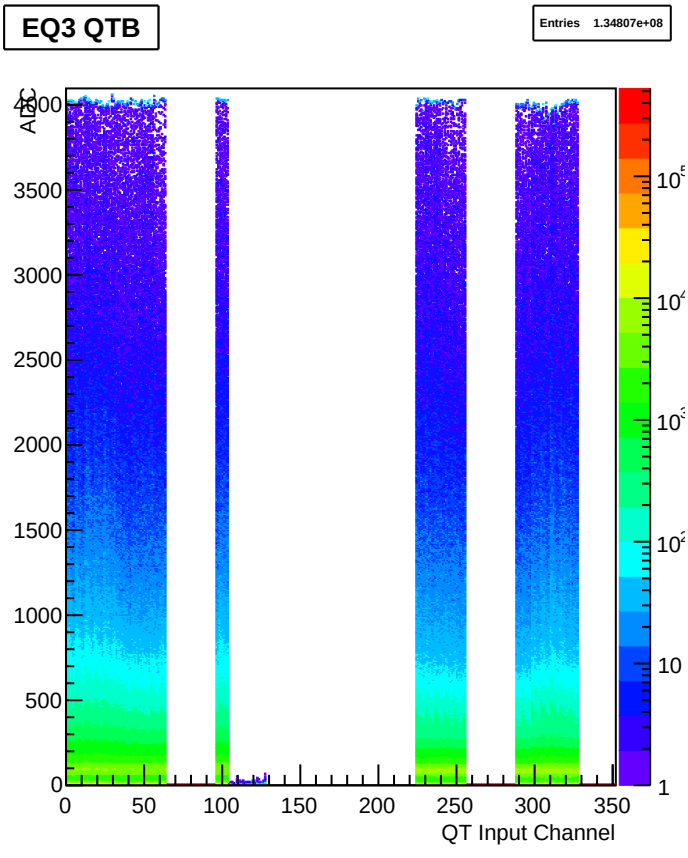

EQ1 QTC
Entries 5.055264e+07
TADC
QT Input Channel

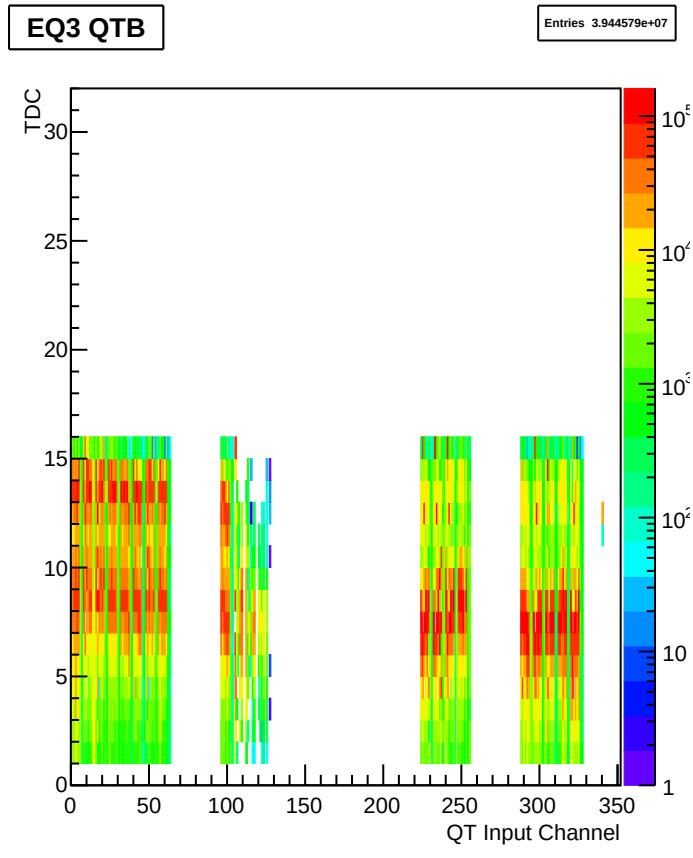

EQ2 QTB
Entries 1.516579e+08
ADC
QT Input Channel

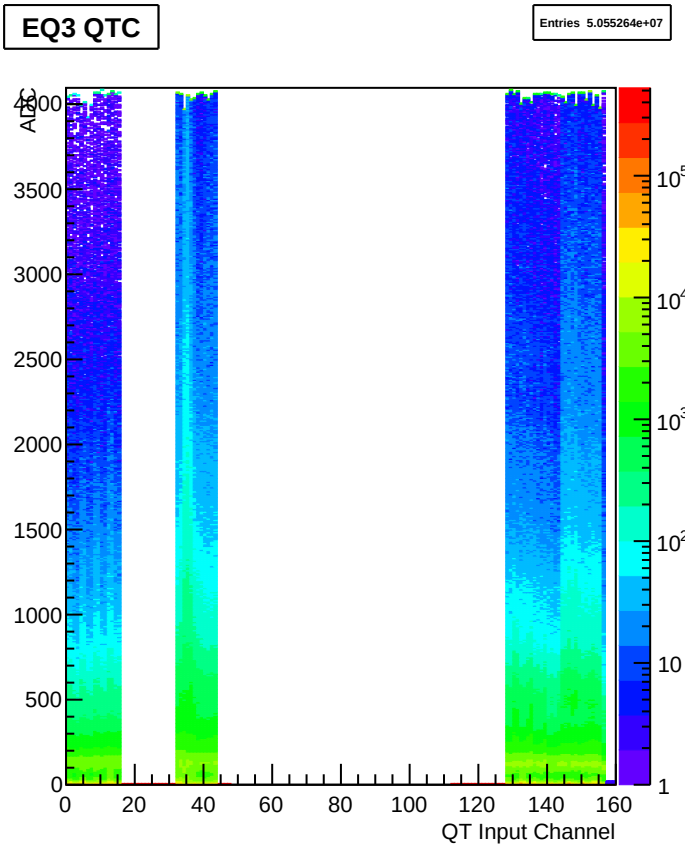

EQ2 QTB
Entries 4.756167e+07
TDC
QT Input Channel

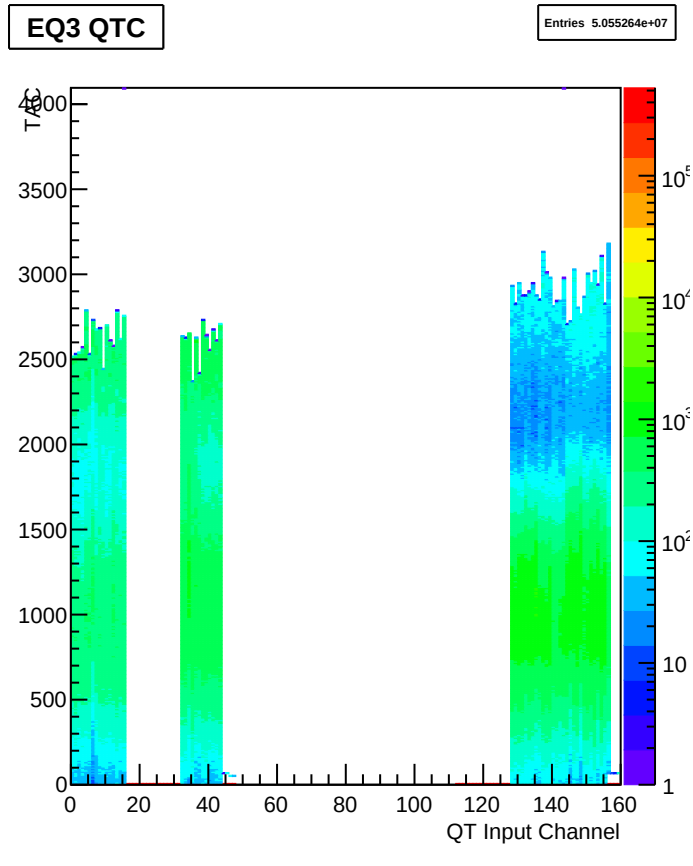

EQ2 QTC
Entries 5.055264e+07
ADC
QT Input Channel

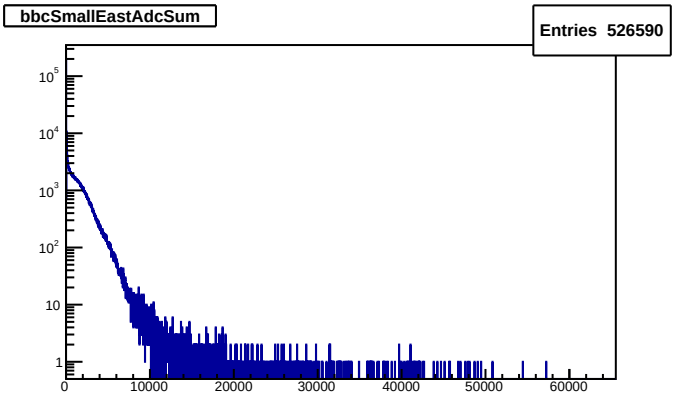

EQ2 QTC
Entries 5.055264e+07
TADC
QT Input Channel

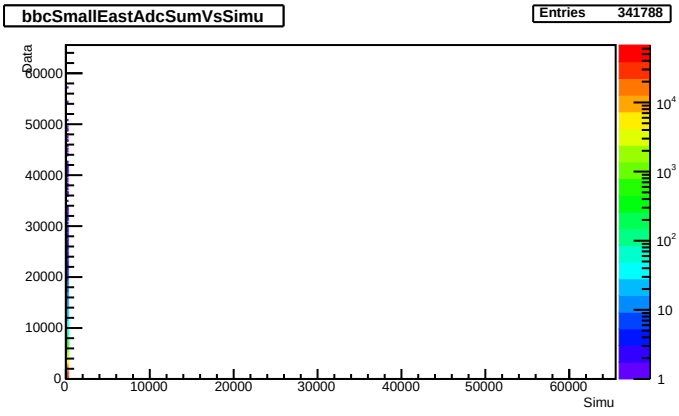

EQ3 QTB
Entries 1.34807e+08
ADC
QT Input Channel

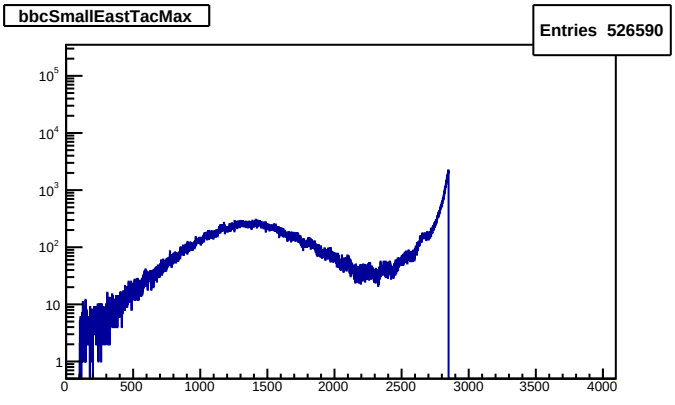

EQ3 QTB
Entries 3.944579e+07
TDC
QT Input Channel

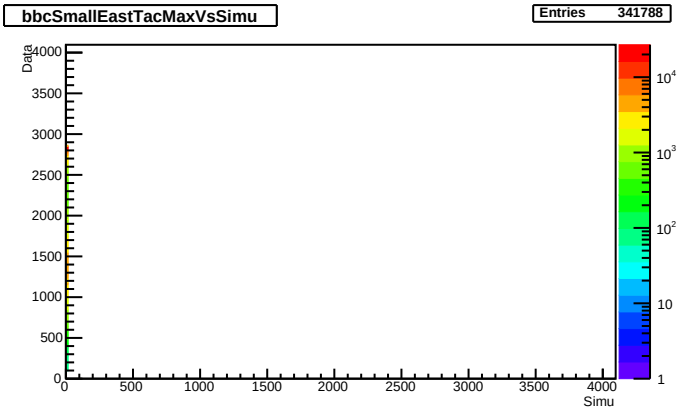

EQ3 QTC
Entries 5.055264e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.055264e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 526590


bbcSmallEastAdcSumVsSimu
Entries 341788
Data
Simu


bbcSmallEastTacMax
Entries 526590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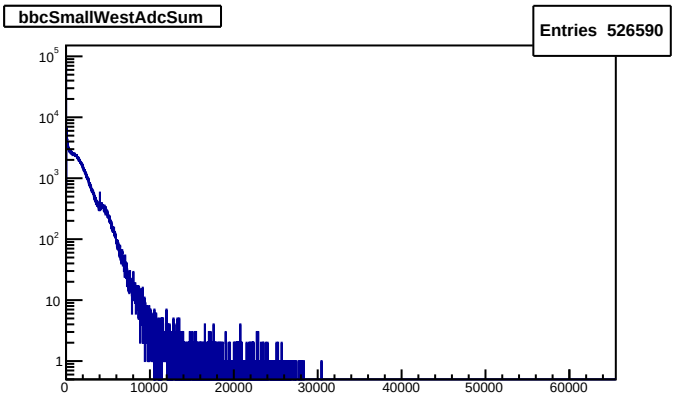
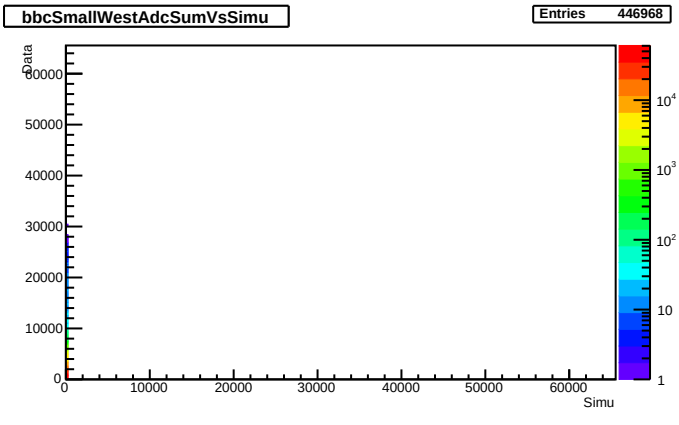
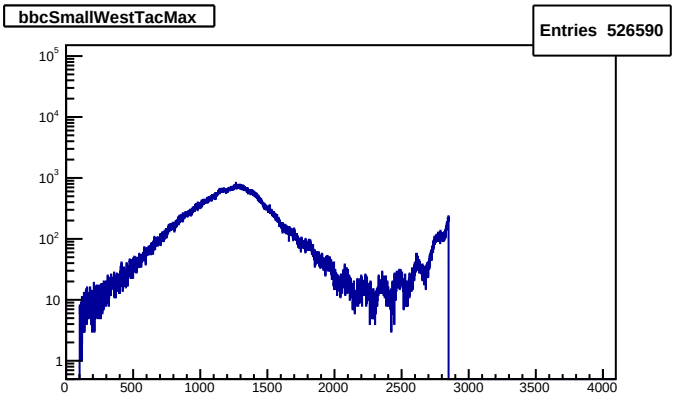
Entries 341788
Data
Simu


bbcSmallWestAdcSum
Entries 526590


bbcSmallWestAdcSumVsSimu
Entries 446968
Data
Simu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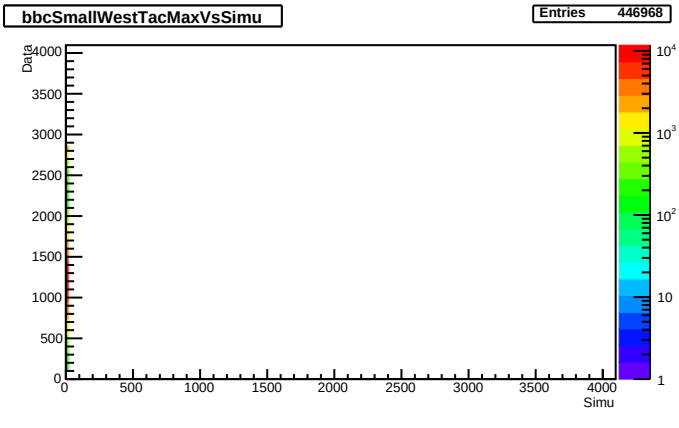
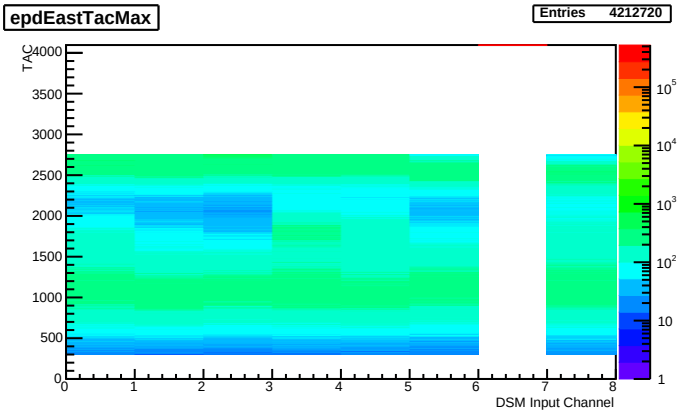
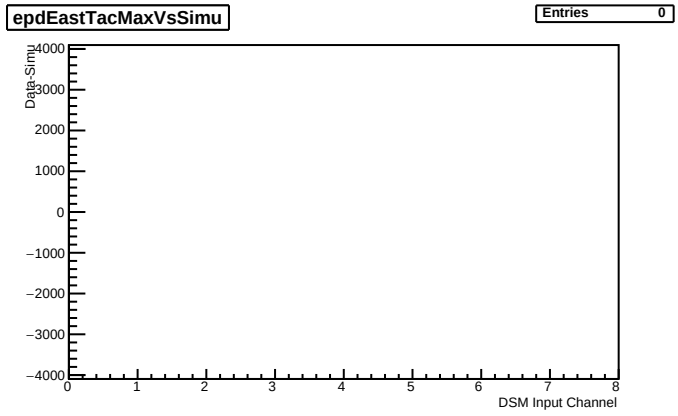
Entries 526590


bbcSmallWestTacMaxVsSimu
Entries 446968
Data
Simu


epdEastTacMax
Entries 4212720
TAC
DSM Input Channel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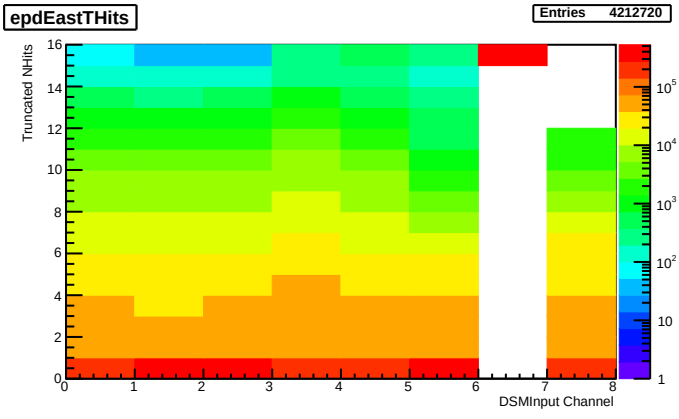
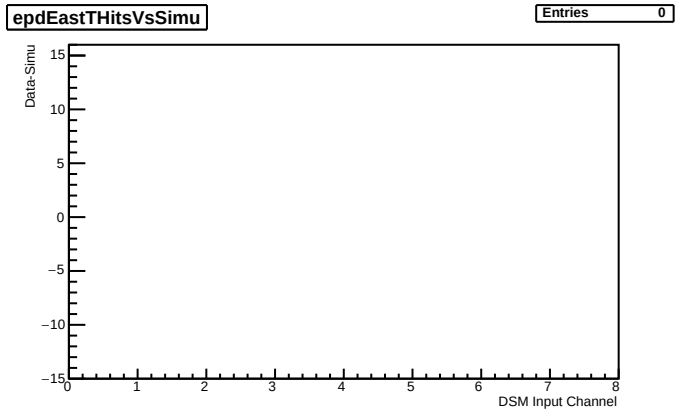
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4212720
Truncated NHits
DSMInput Channel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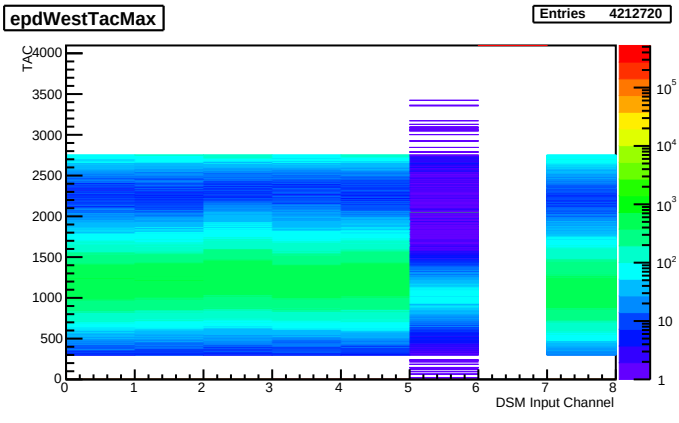
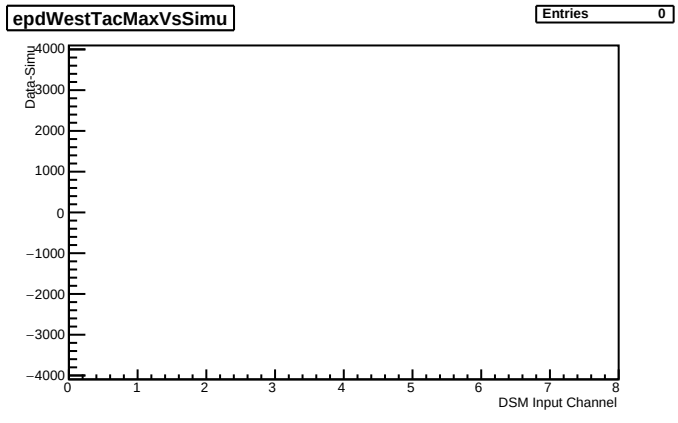
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4212720
TAC
DSM Input Channel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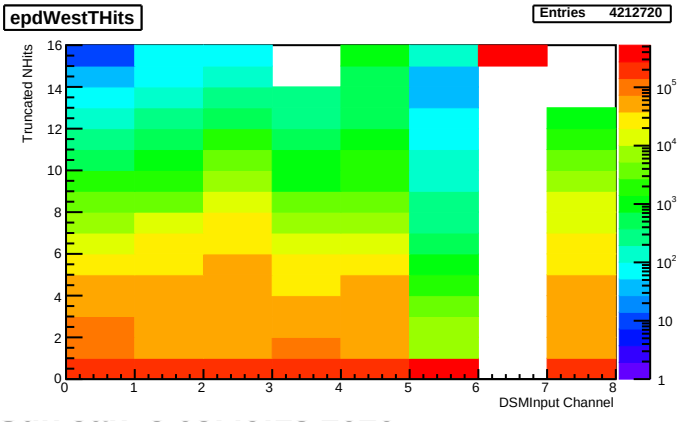
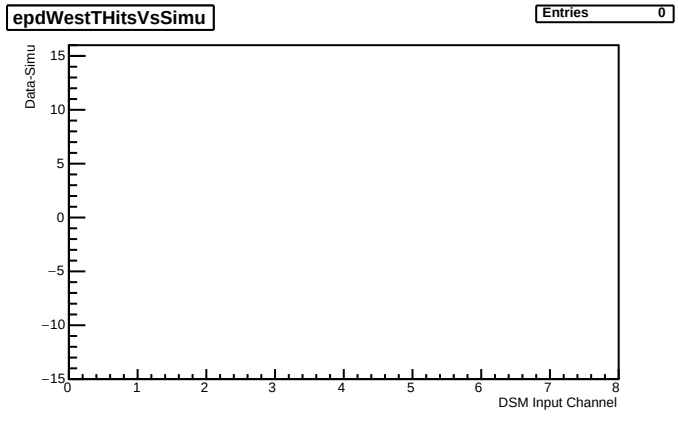
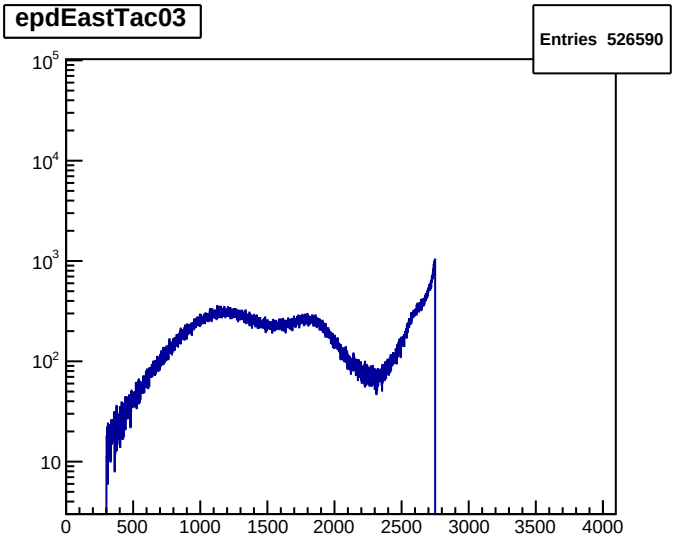
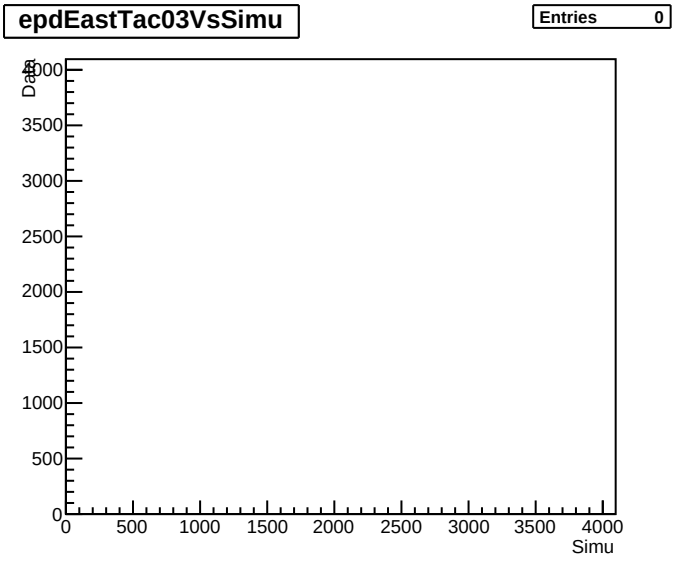
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4212720
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 526590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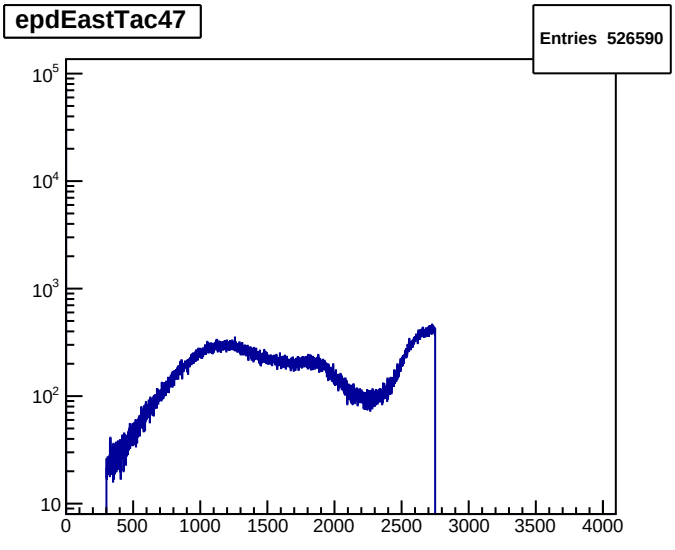
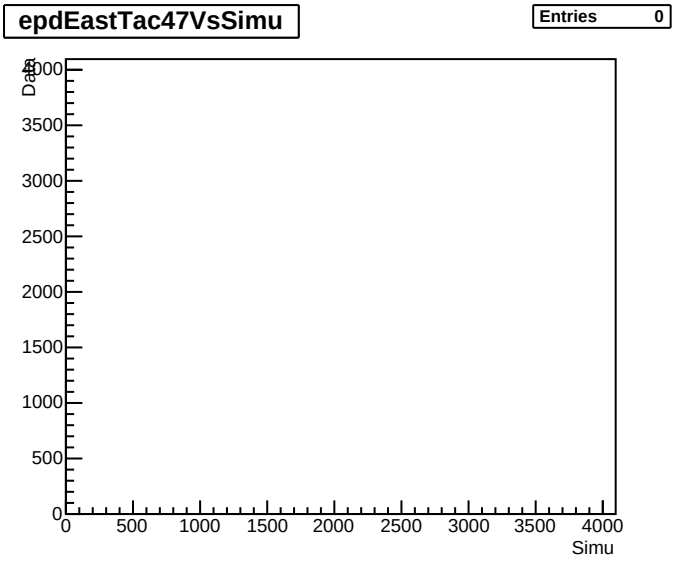
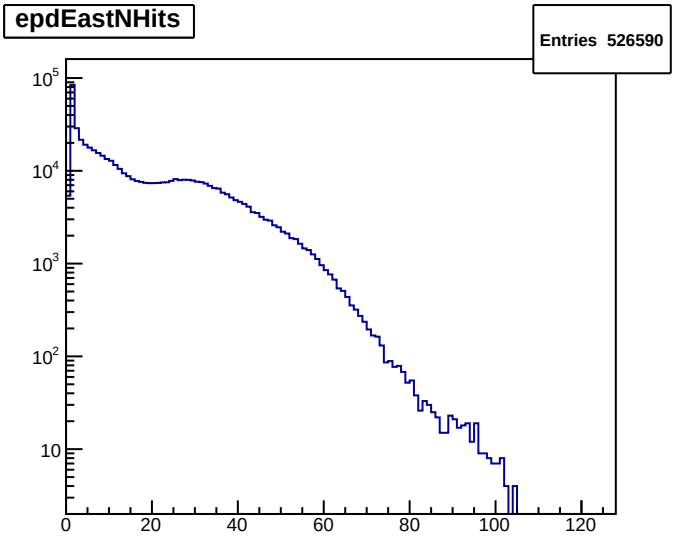
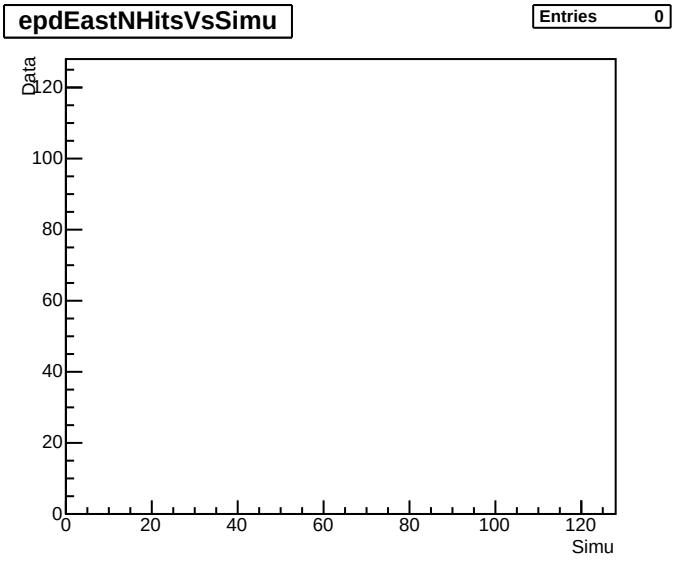
Entries 0
Data
Simu


epdEastTac47
Entries 526590


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 526590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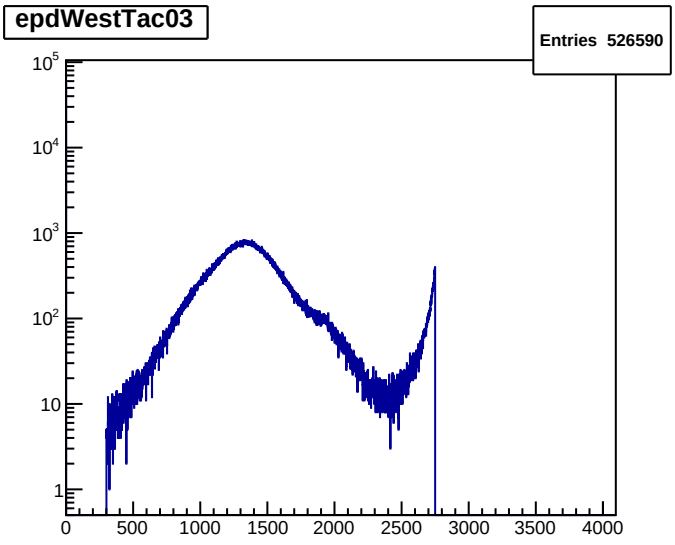
Entries 0
Data
Simu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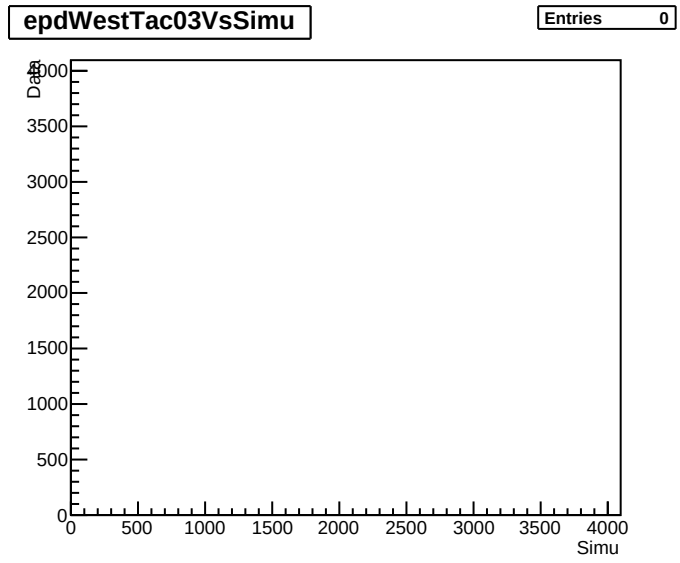
Entries 526590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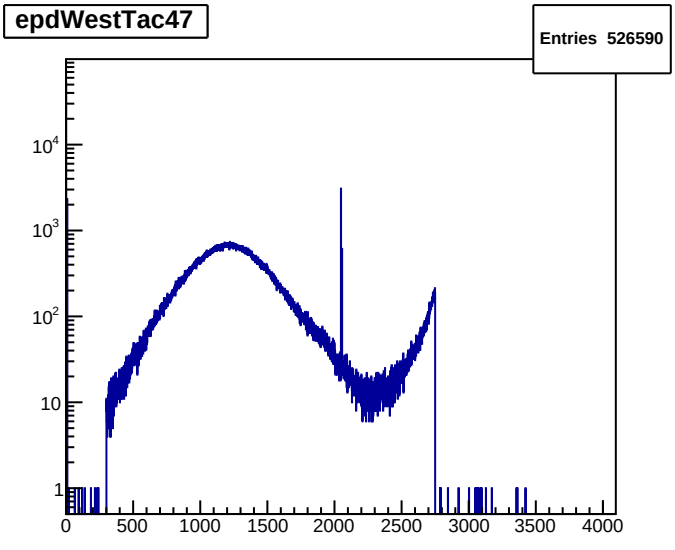
Entries 0
Data
Simu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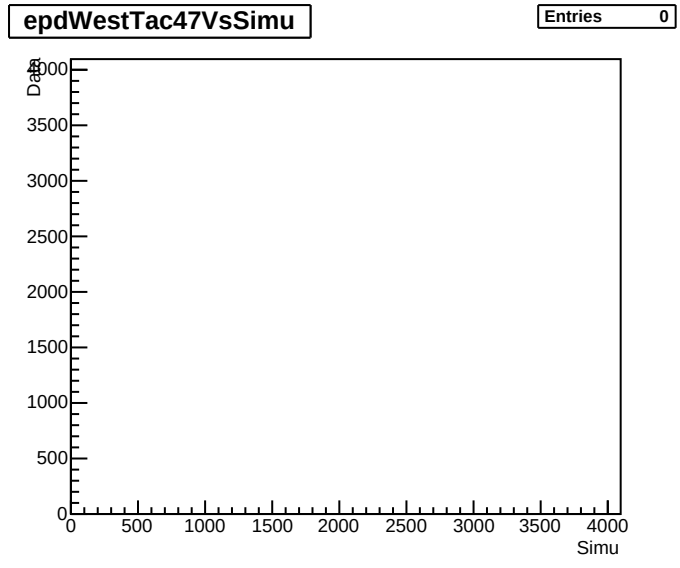
Entries 526590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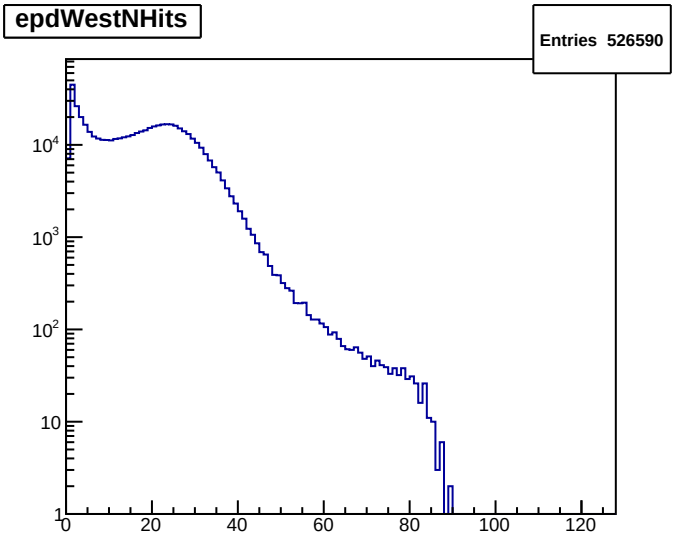
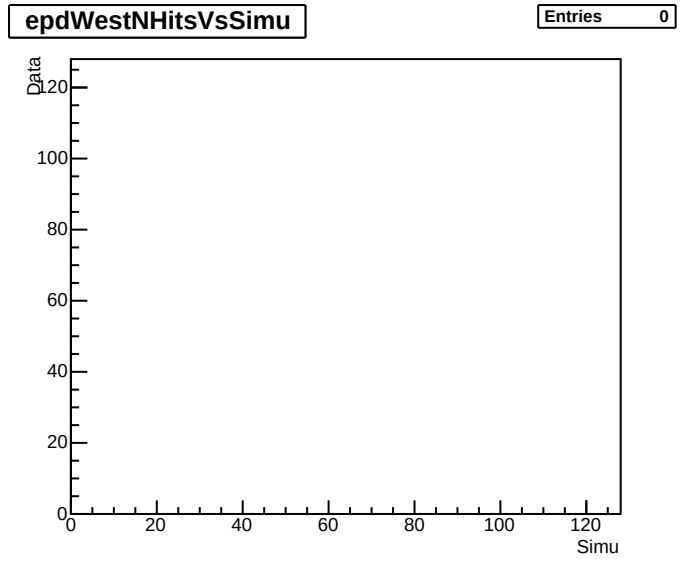
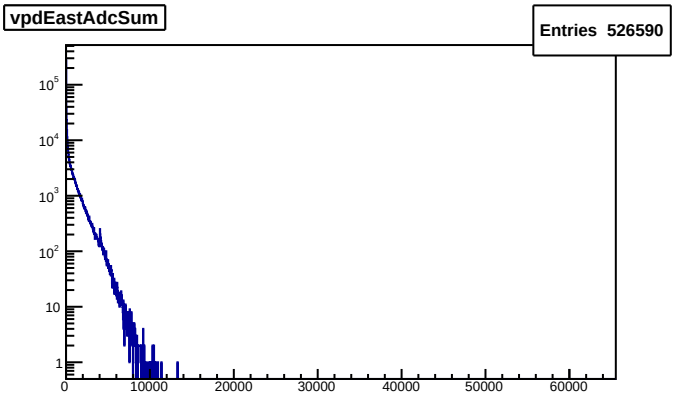
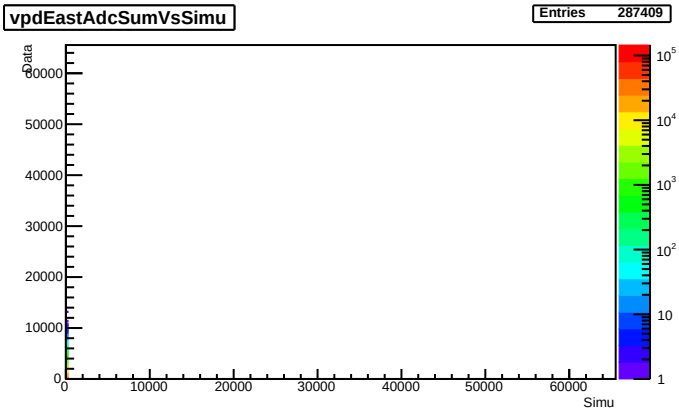
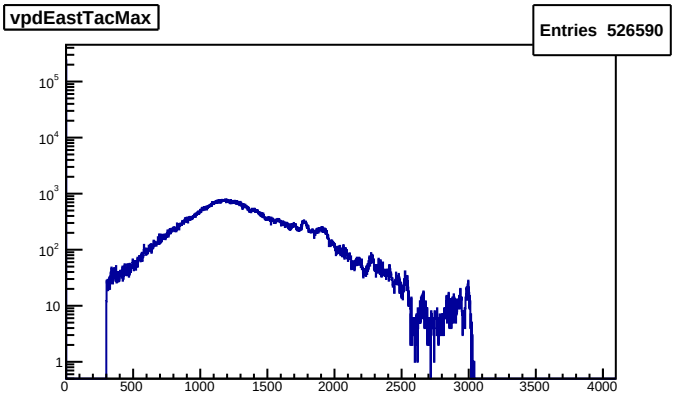
Entries 0
Data
Simu

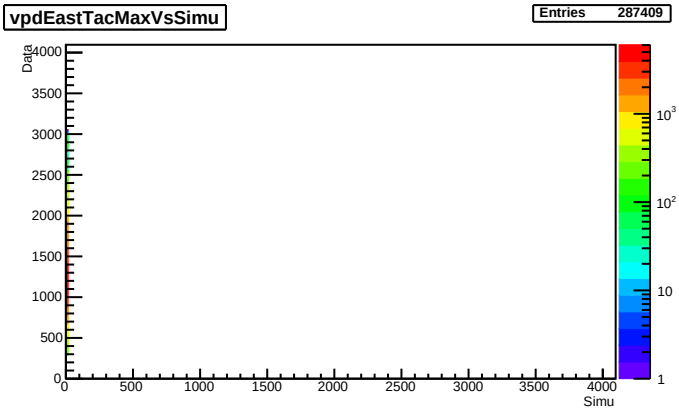

epdWestNHits
Entries 526590

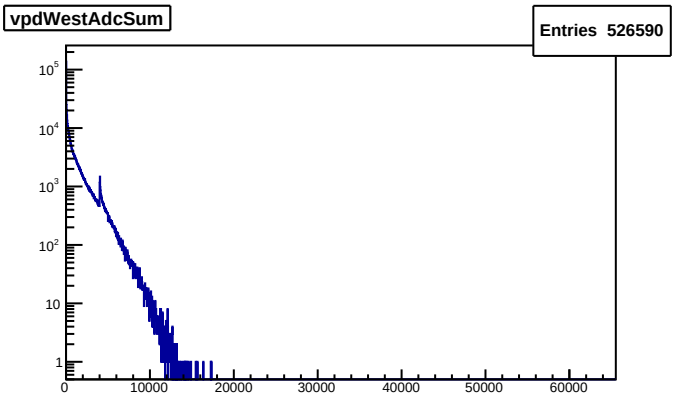

epdWestNHitsVsSimu
Entries 0
Data
Simu

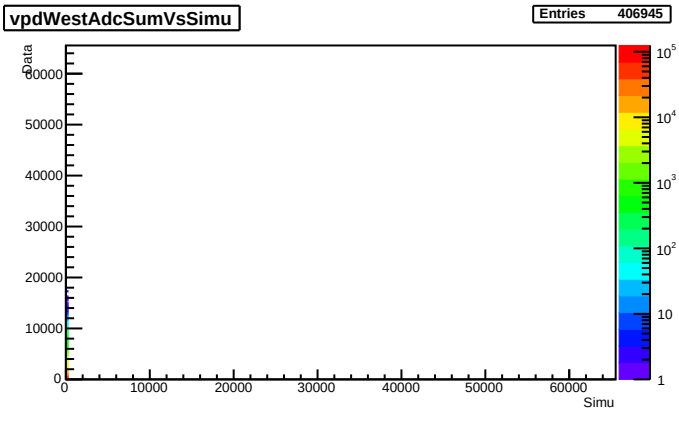

vpdEastAdcSum
Entries 526590

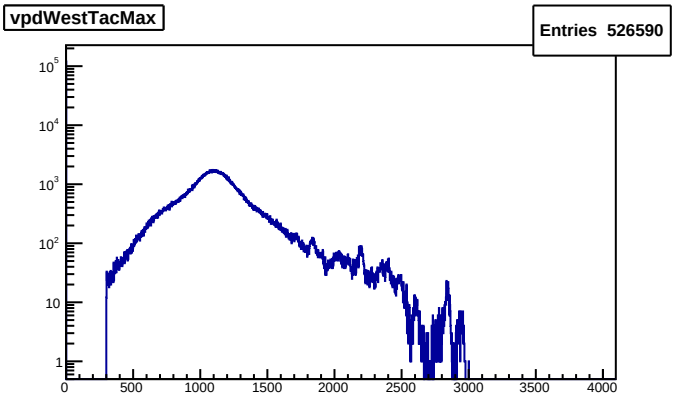

vpdEastAdcSumVsSimu
Entries 287409
Data
Simu

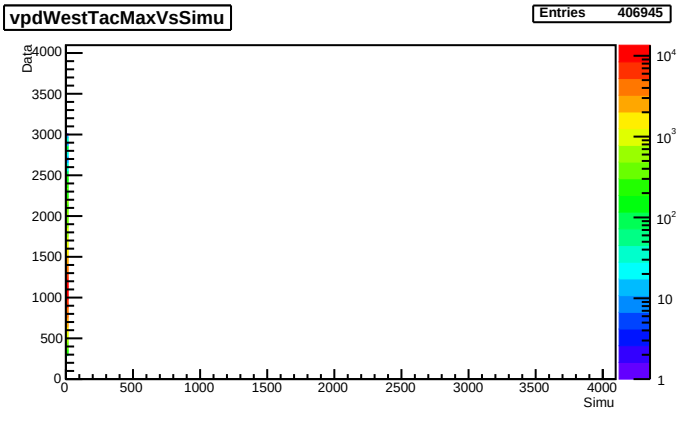

vpdEastTacMax
Entries 526590

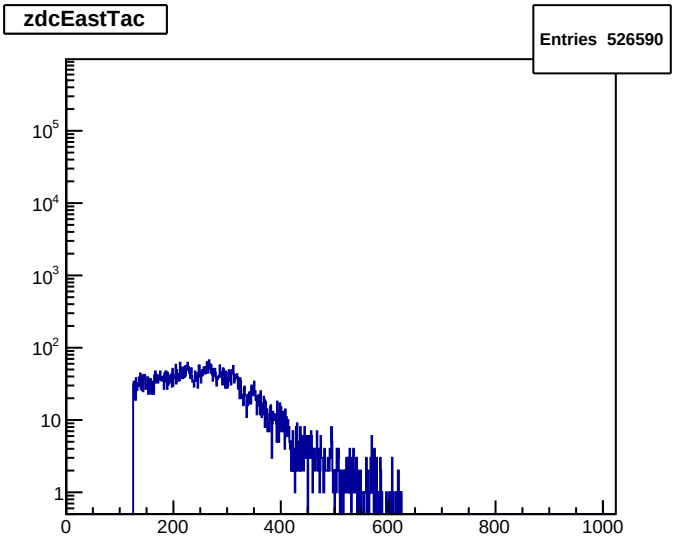

vpdEastTacMaxVsSimu
Entries 287409
Data
Simu

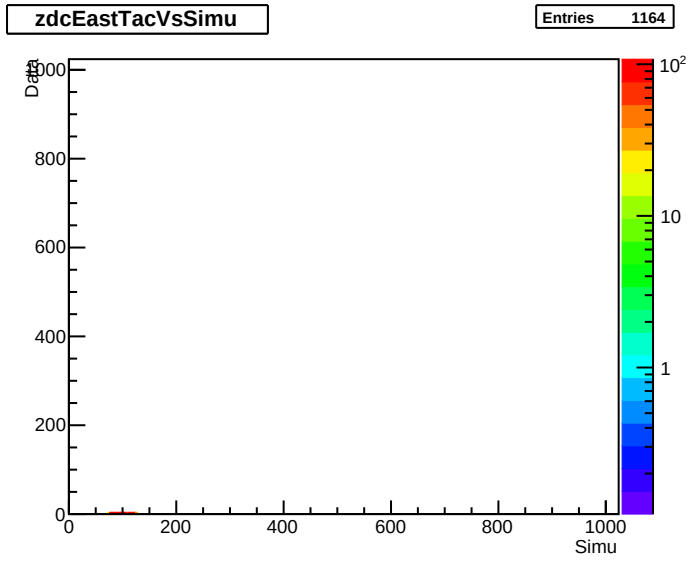

vpdWestAdcSum
Entries 526590

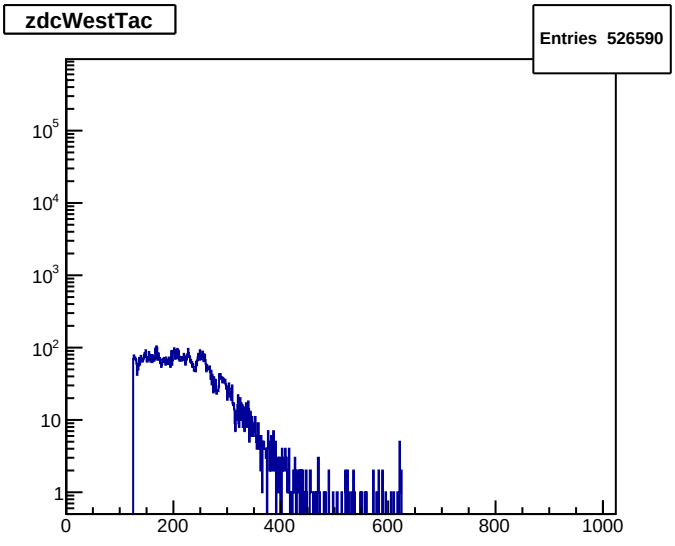

vpdWestAdcSumVsSimu
Entries 406945
Data
Simu

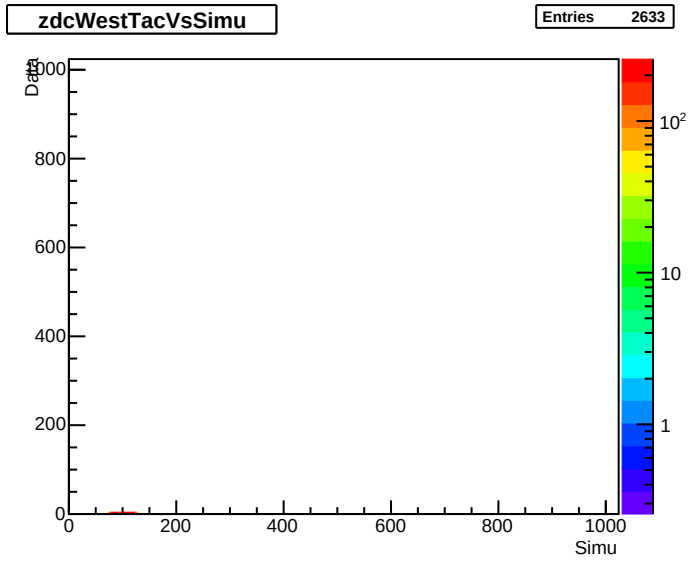

vpdWestTacMax
Entries 526590

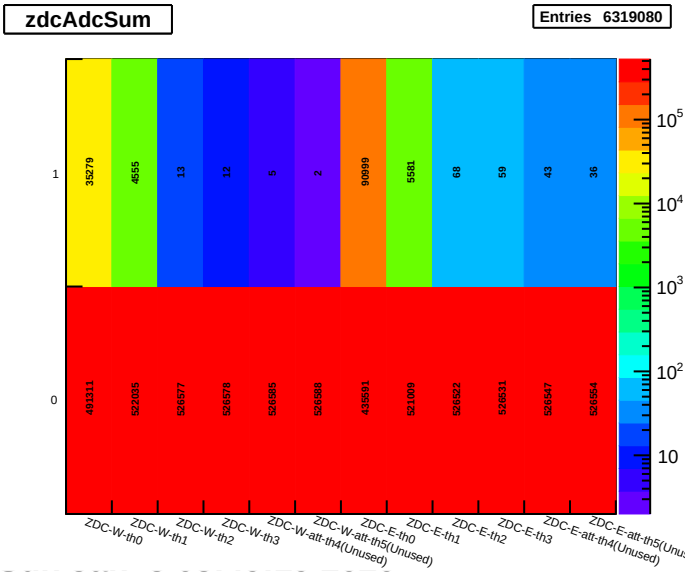

vpdWestTacMaxVsSimu
Entries 406945
Data
Simu

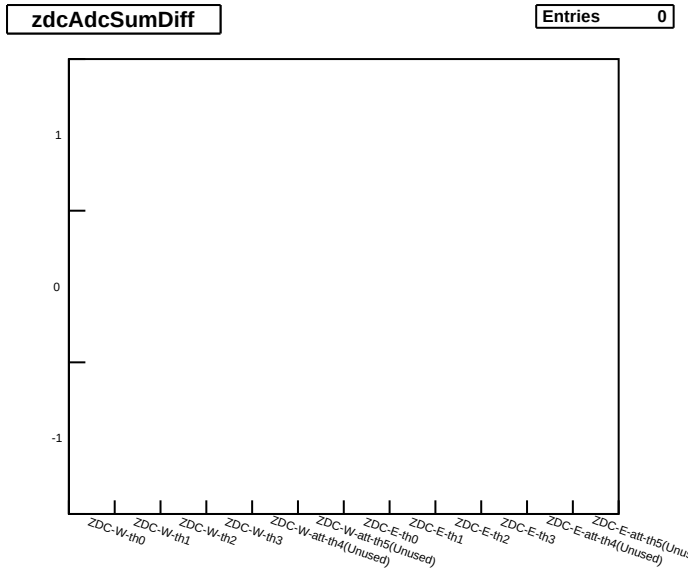

zdcEastTac
Entries 526590

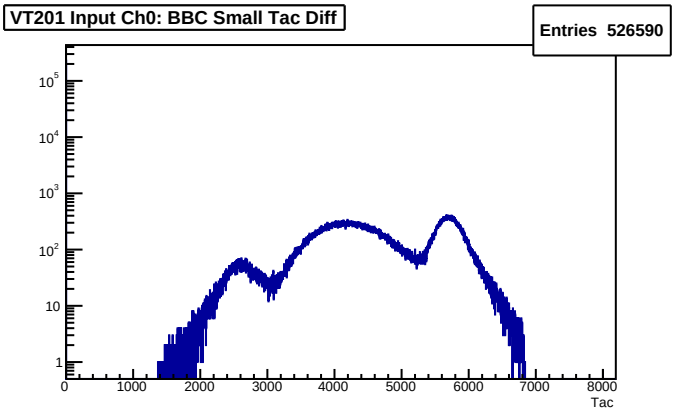

zdcEastTacVsSimu
Entries 1164
Data
Simu

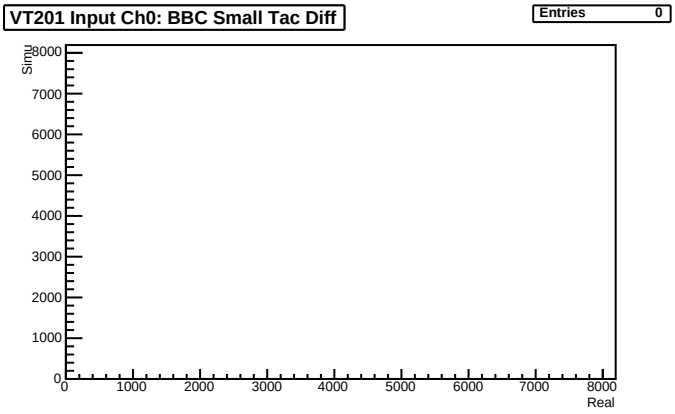

zdcWestTac
Entries 526590

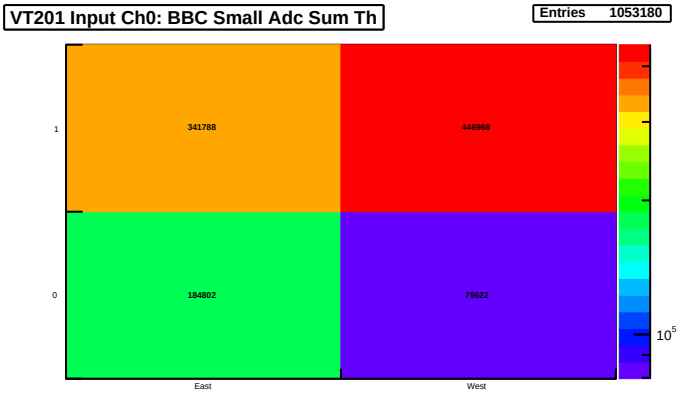

zdcWestTacVsSimu
Entries 2633
Data
Simu

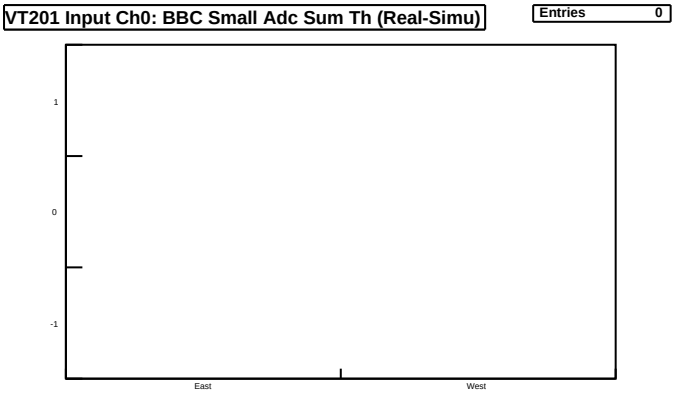

zdcAdcSum
Entries 6319080
35279
4555
13
12
5
2
90999
5581
68
59
43
36
491311
522035
526577
526578
526585
526588
435591
521009
526522
526531
526547
526554
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

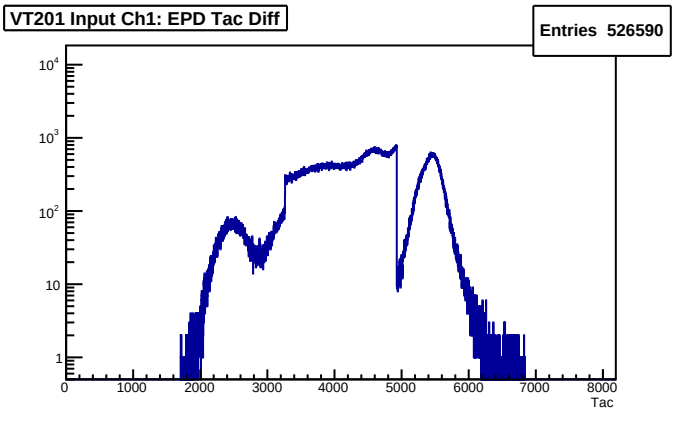

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

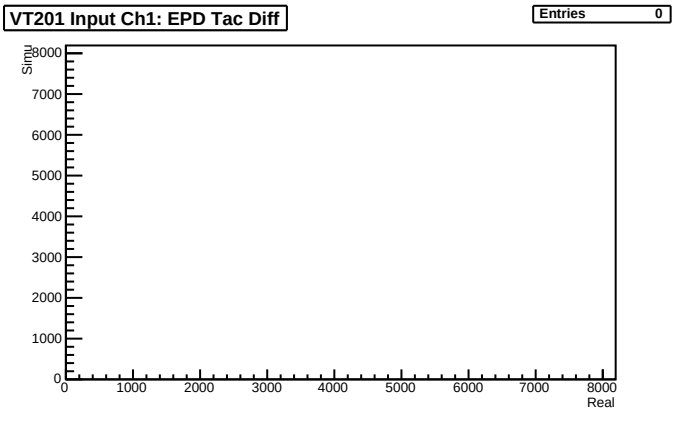

VT201 Input Ch0: BBC Small Tac Diff
Entries 526590
Tac

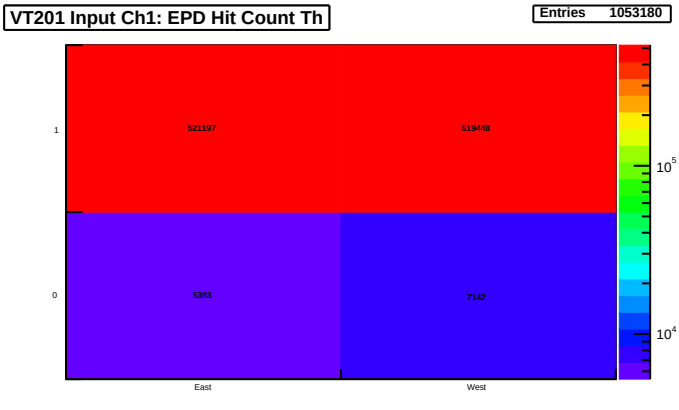

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

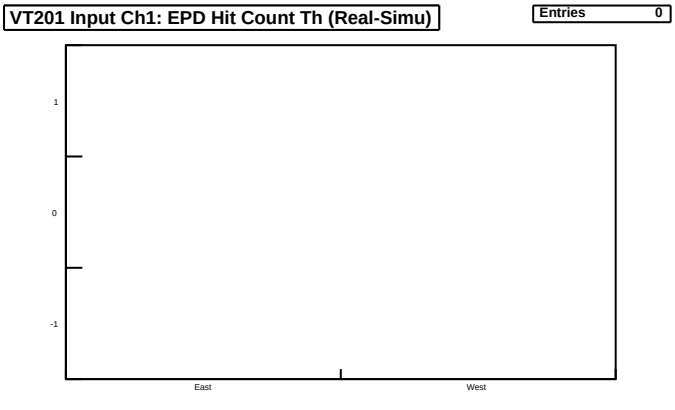

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1053180
341788
446968
184802
79622
East
West

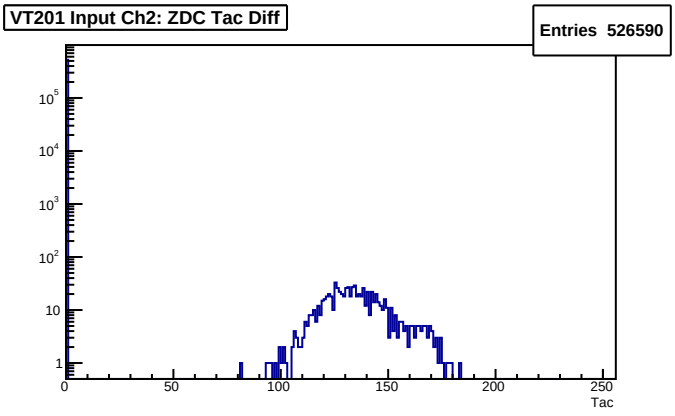

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

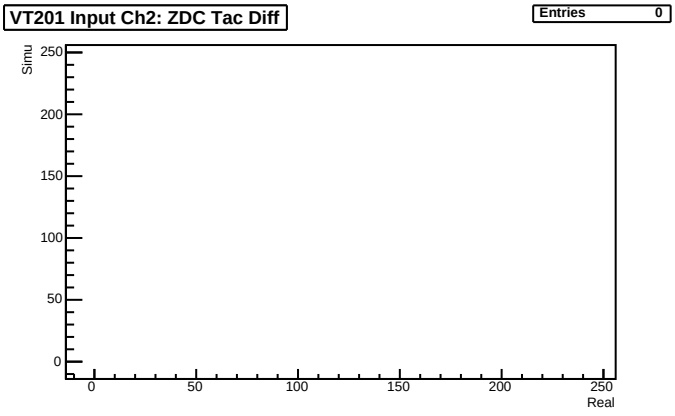

VT201 Input Ch1: EPD Tac Diff
Entries 526590
Tac

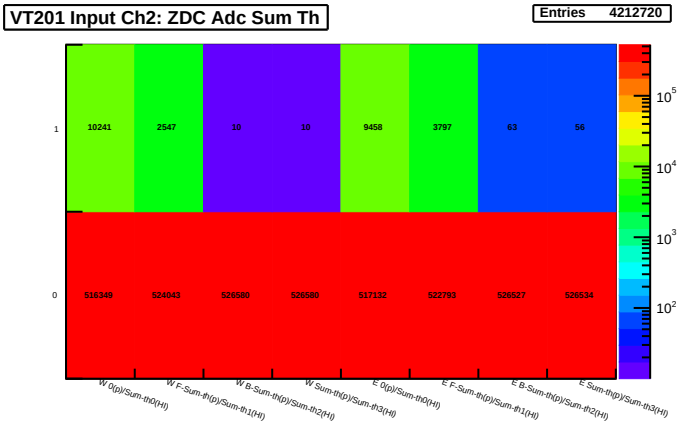

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

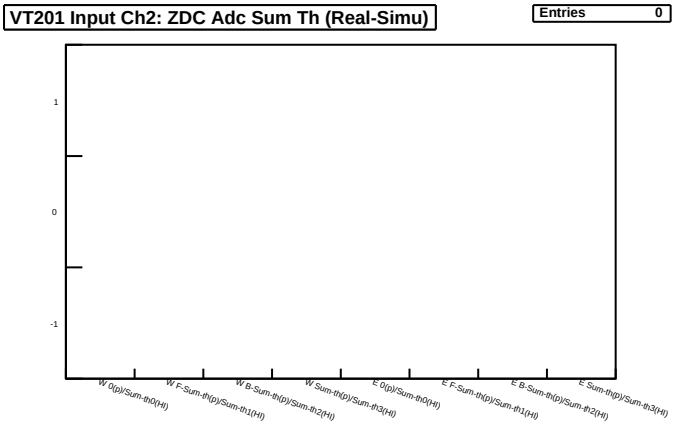

VT201 Input Ch1: EPD Hit Count Th
Entries 1053180
521197
519448
5393
7142
East
West

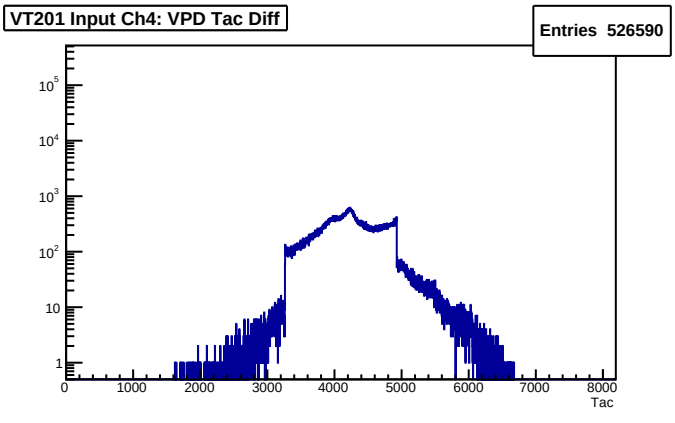

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

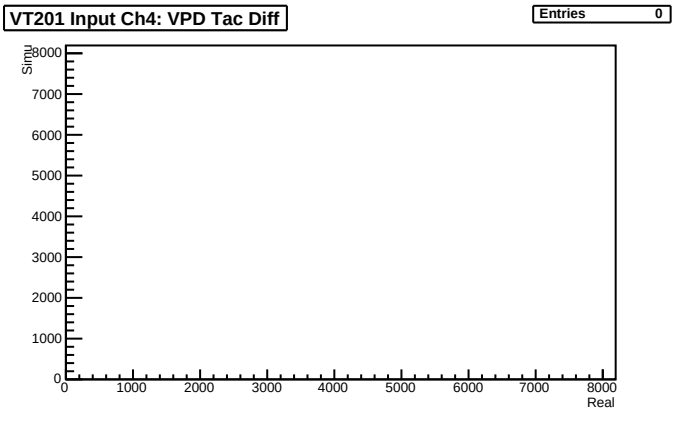

VT201 Input Ch2: ZDC Tac Diff
Entries 526590
Tac

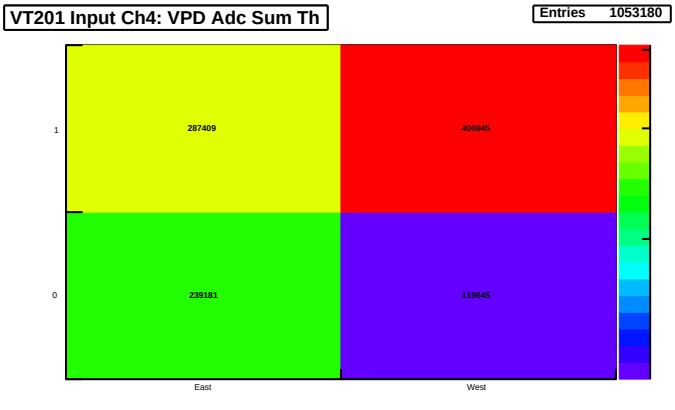

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

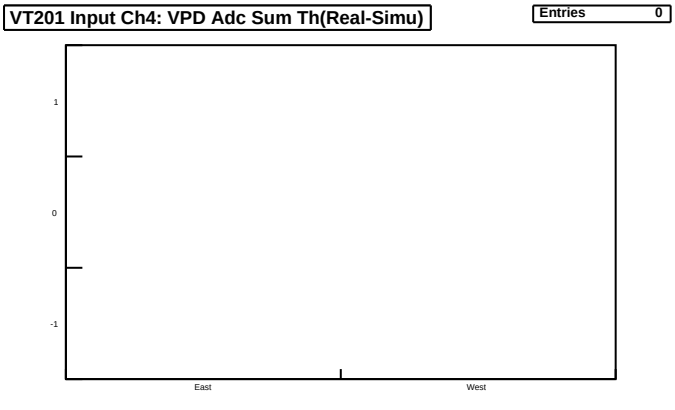

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4212720
10241
2547
10
10
9458
3797
63
56
516349
524043
526580
526580
517132
522793
526527
526534
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

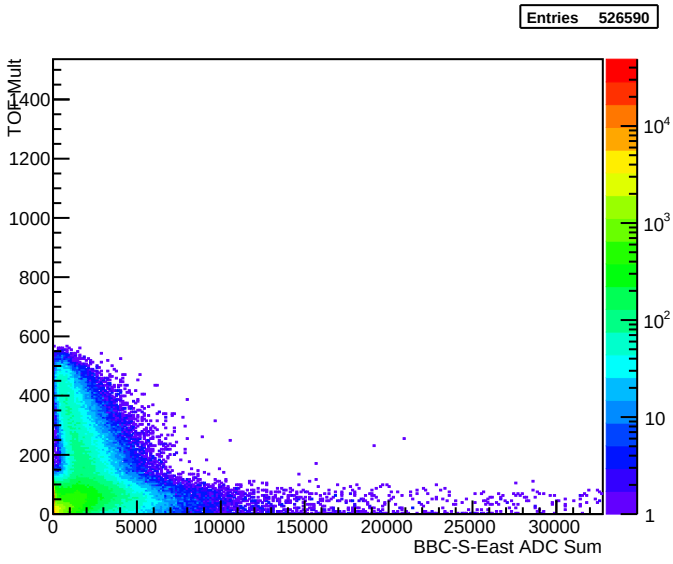

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

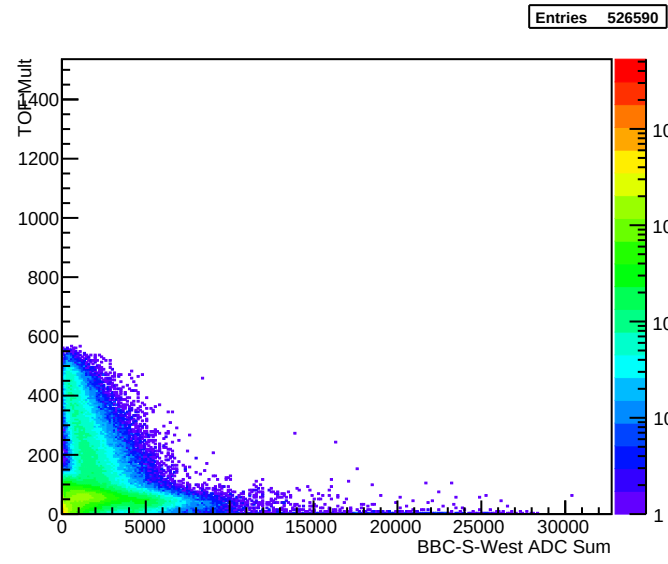

VT201 Input Ch4: VPD Tac Diff
Entries 526590
Tac

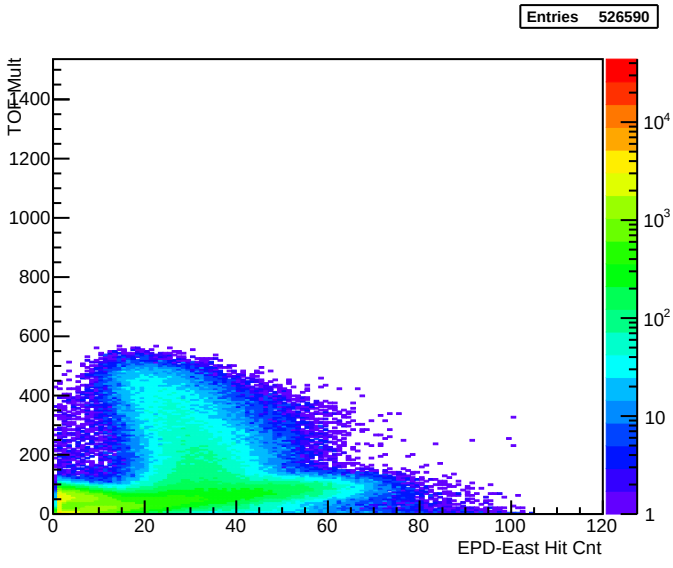

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

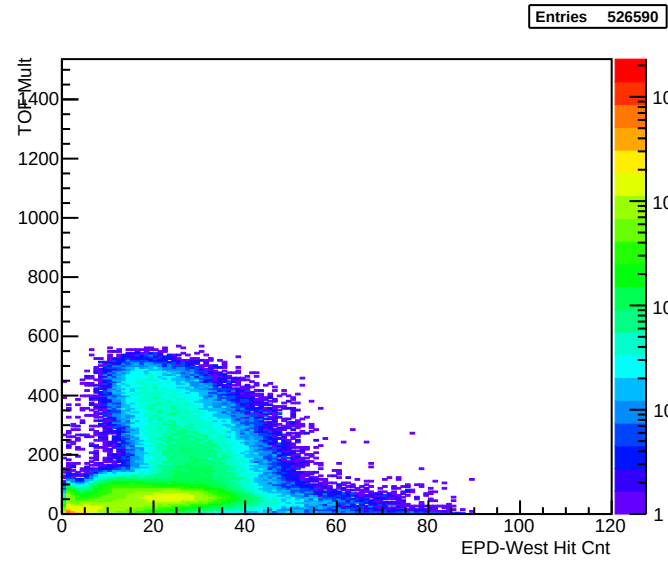

VT201 Input Ch4: VPD Adc Sum Th
Entries 1053180
287409
400945
239181
119645
East
West

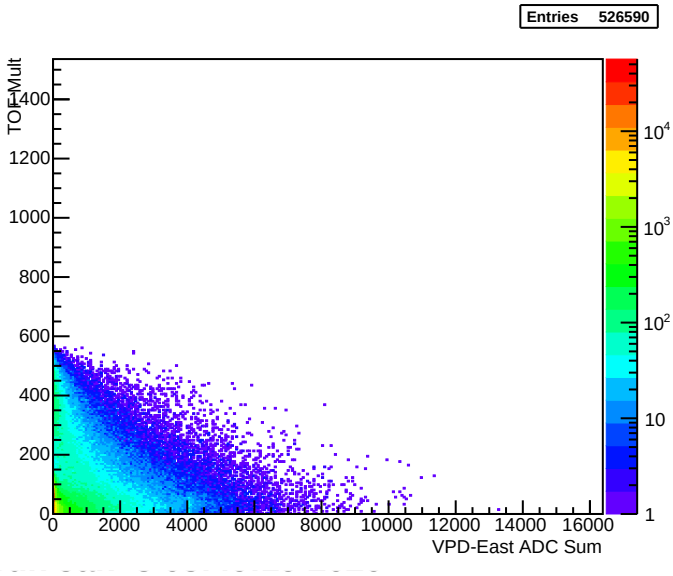

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

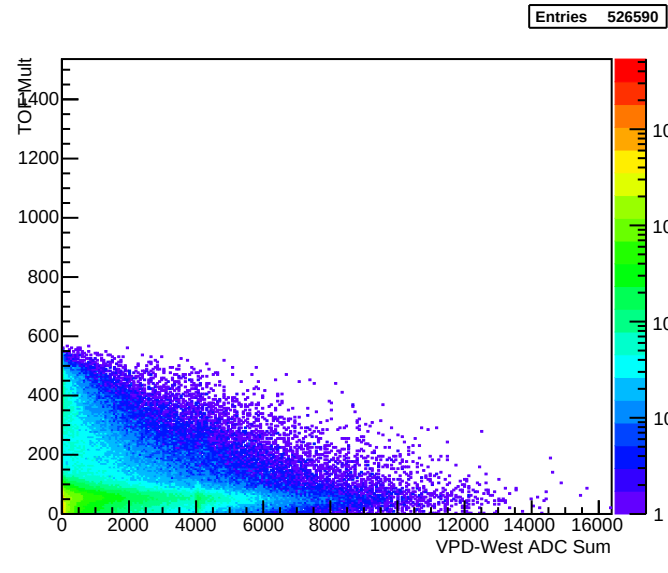

Entries 526590
TOF-Mult
BBC-S-East ADC Sum

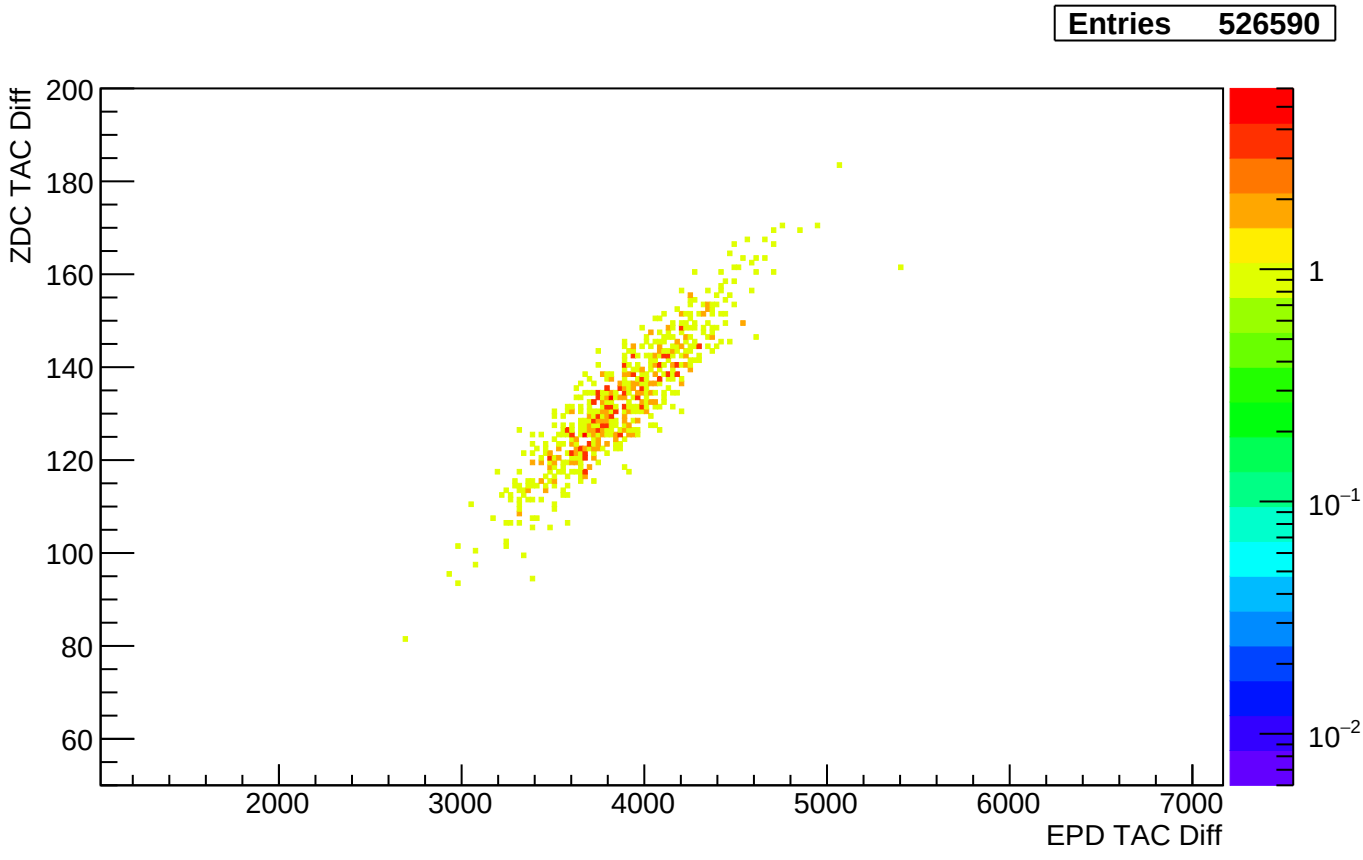

Entries 526590
TOF-Mult
BBC-S-West ADC Sum

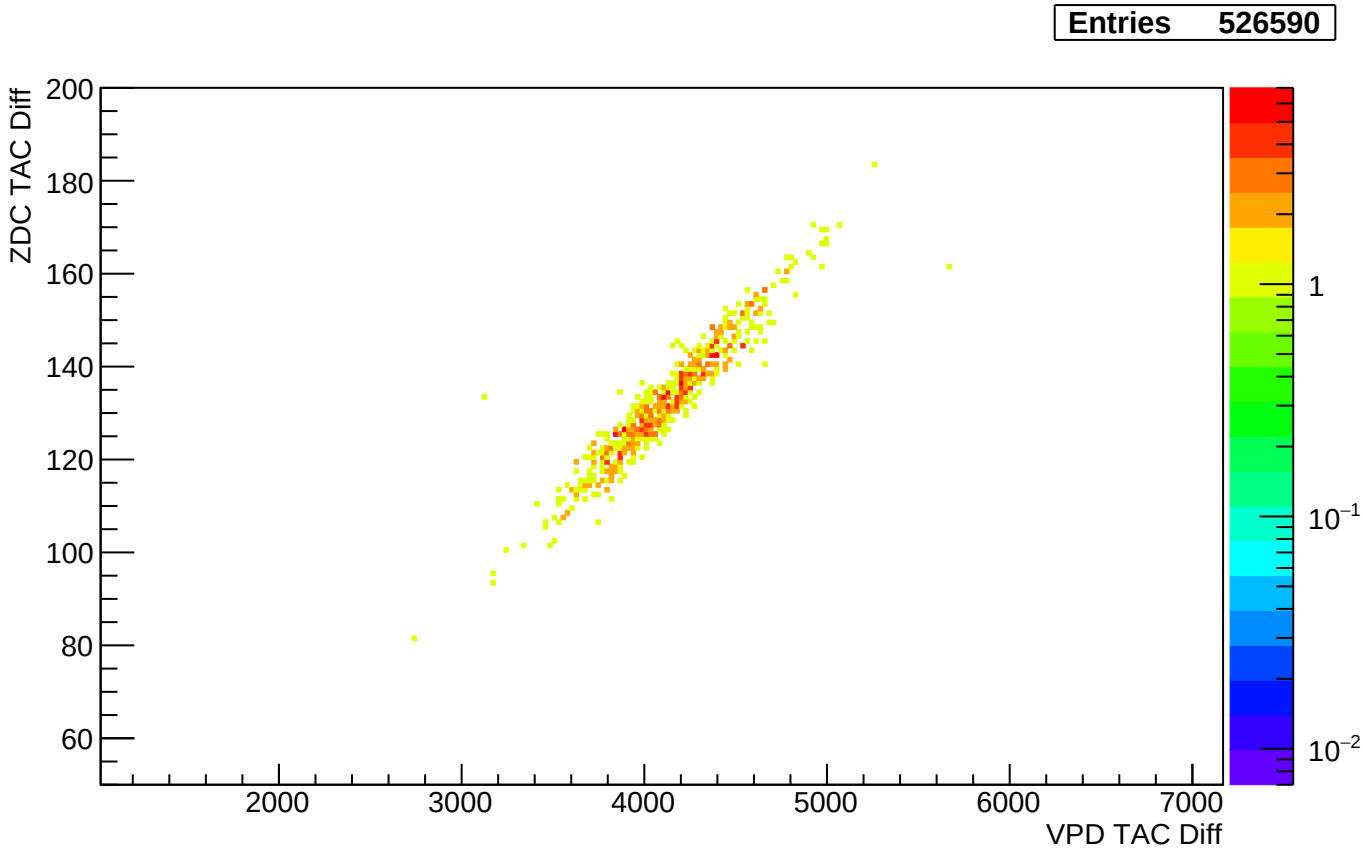

Entries 526590
TOF-Mult
EPD-East Hit Cnt

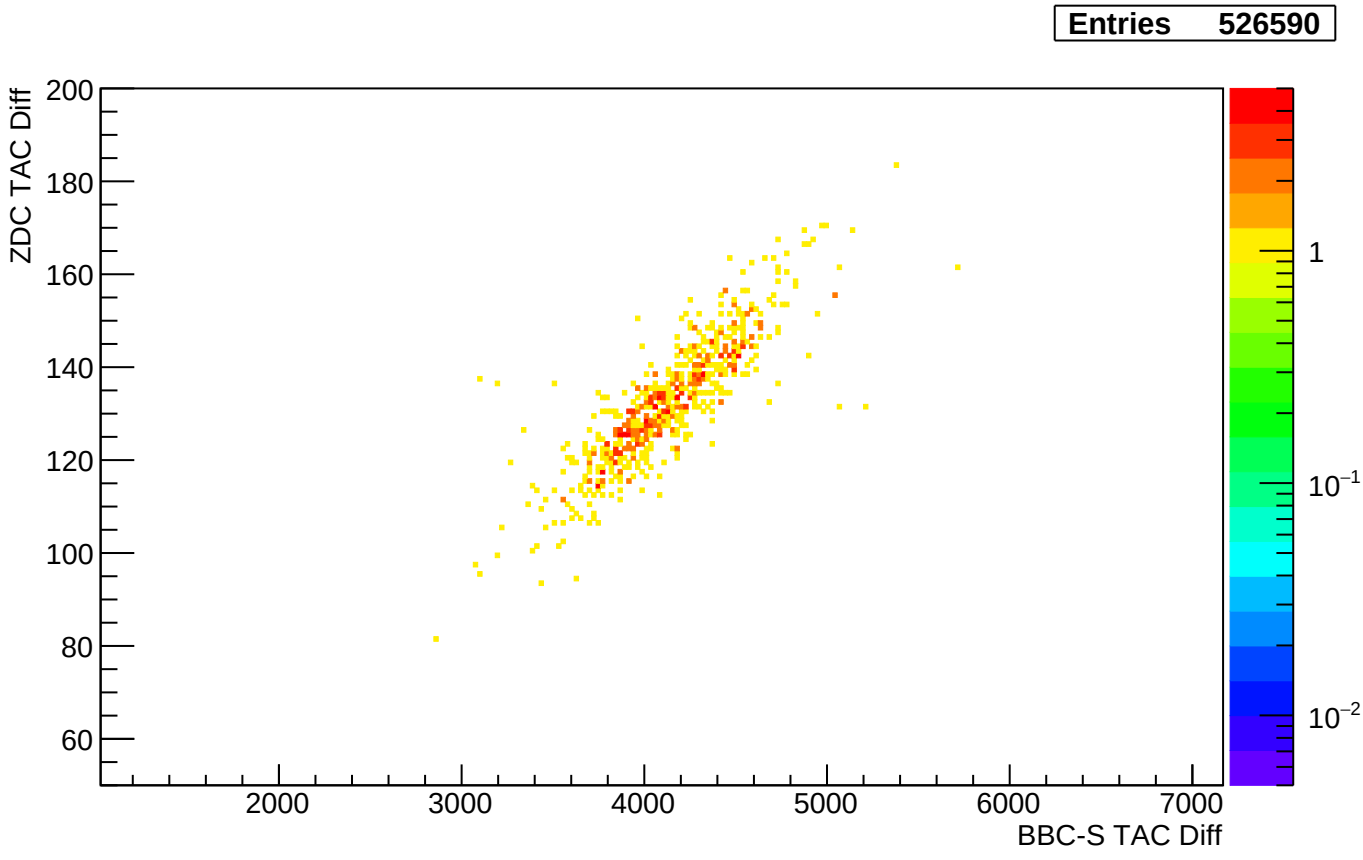

Entries 526590
TOF-Mult
EPD-West Hit Cnt

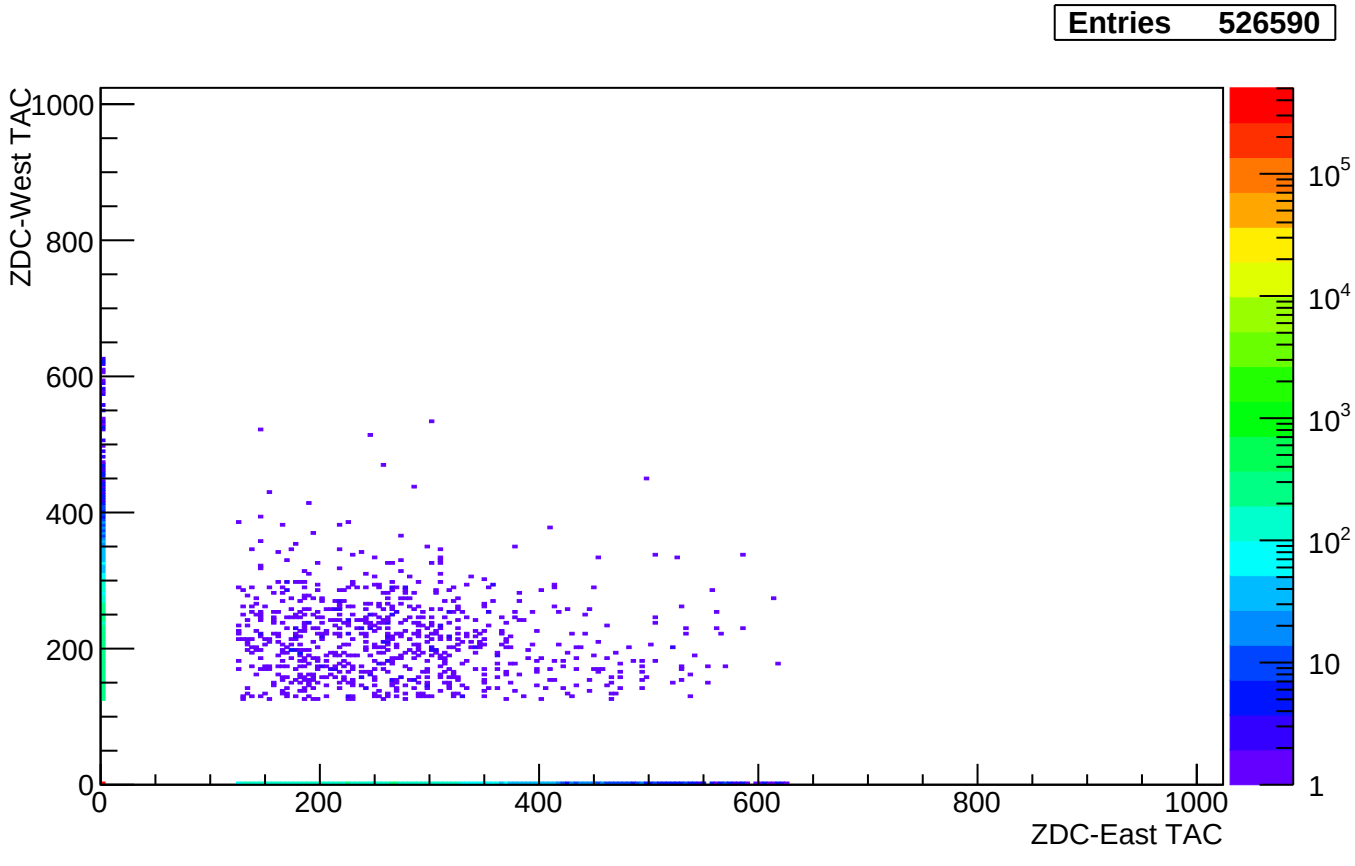

Entries 526590
TOF-Mult
VPD-East ADC Sum

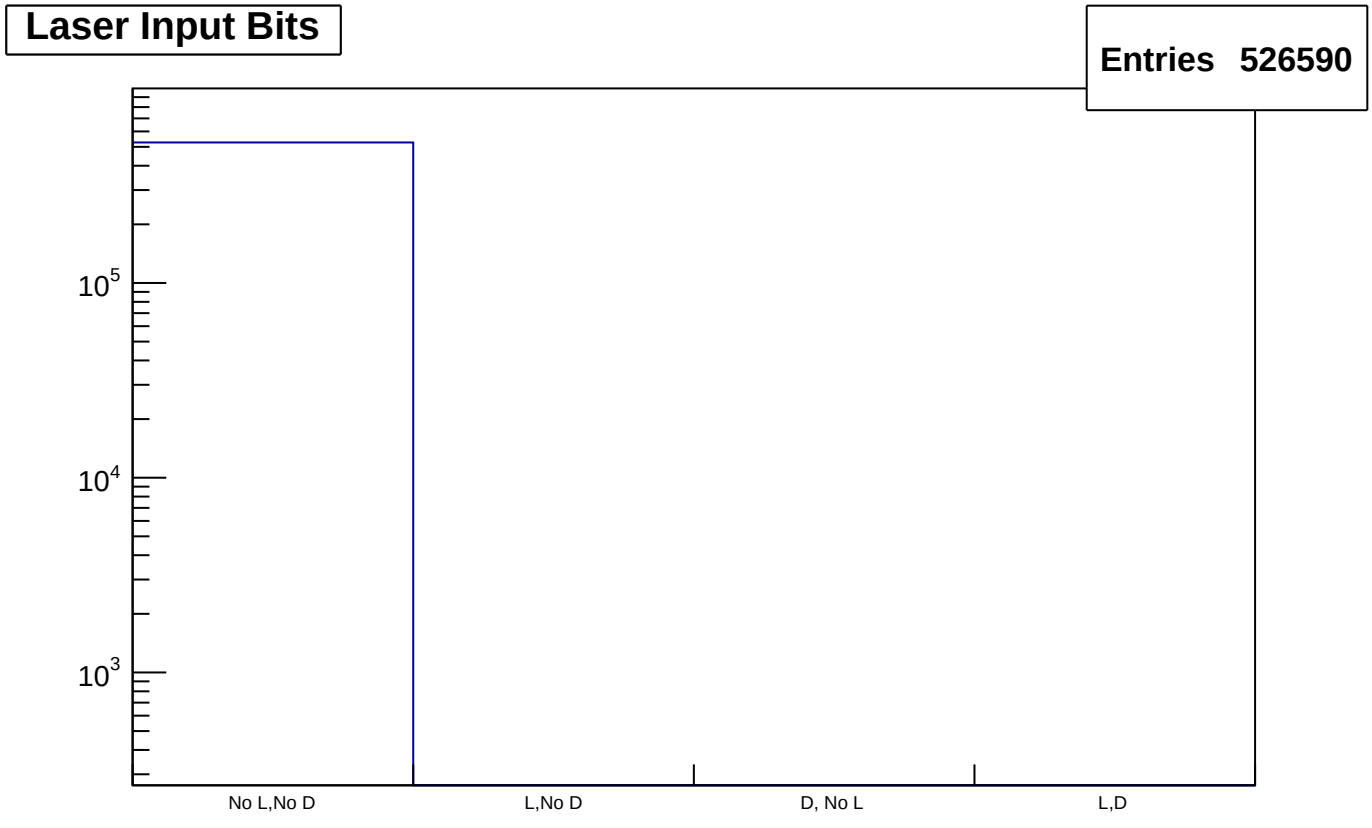

Entries 526590
TOF-Mult
VPD-West ADC Sum

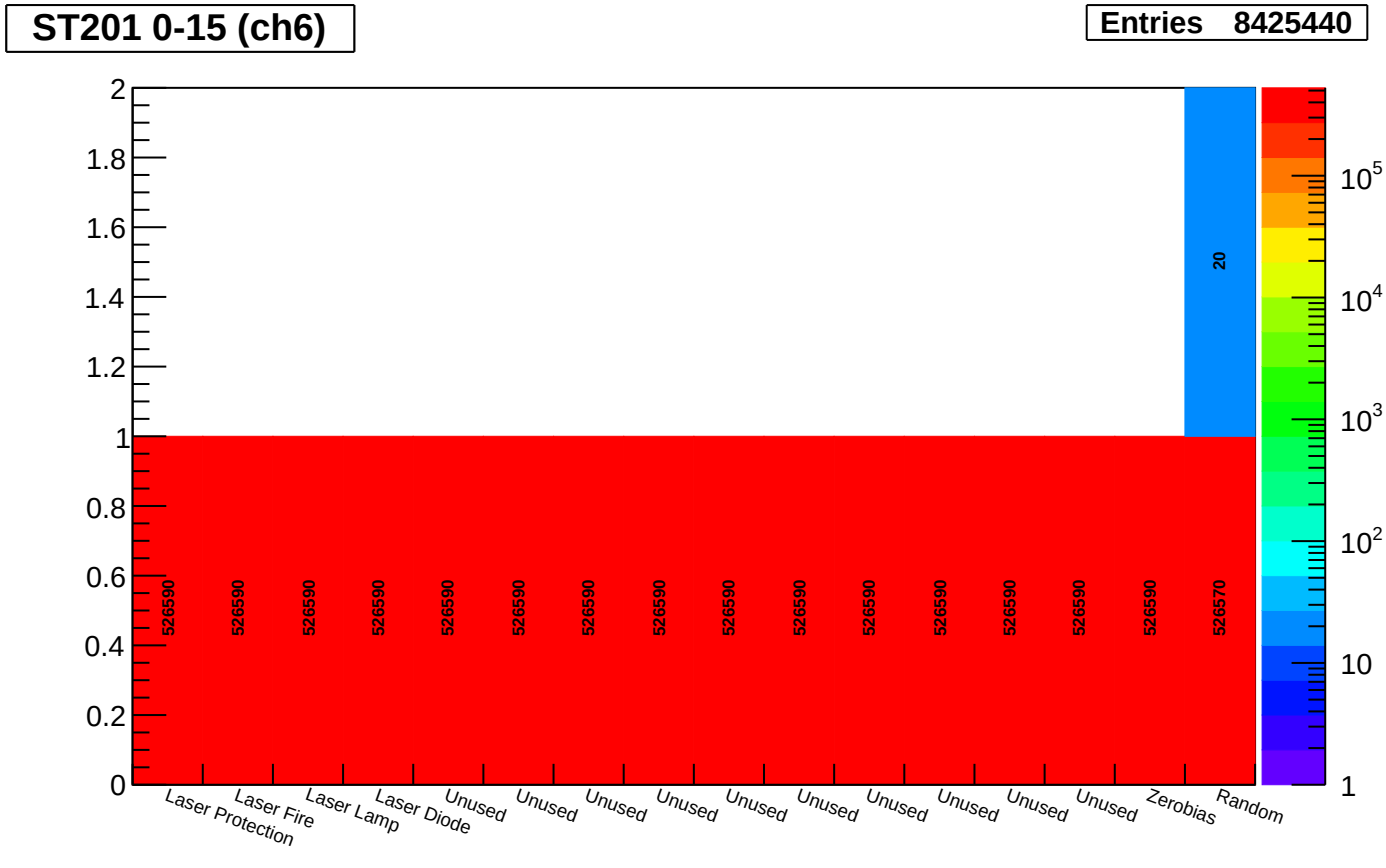

Entries 526590
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

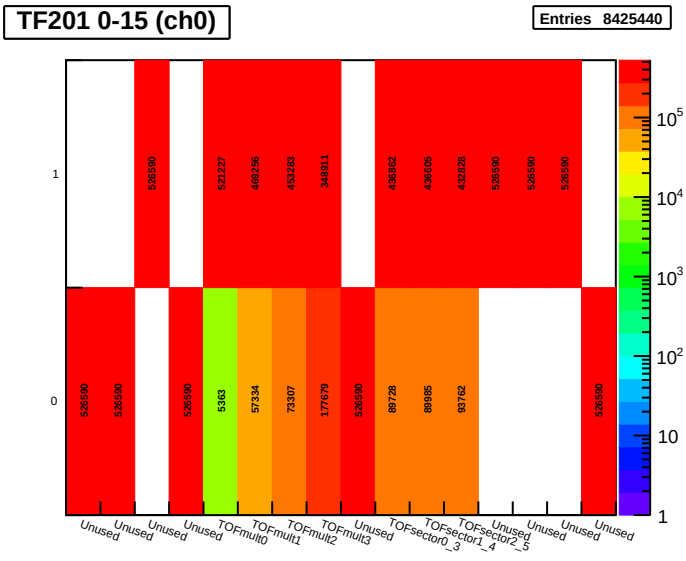

Entries 526590
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

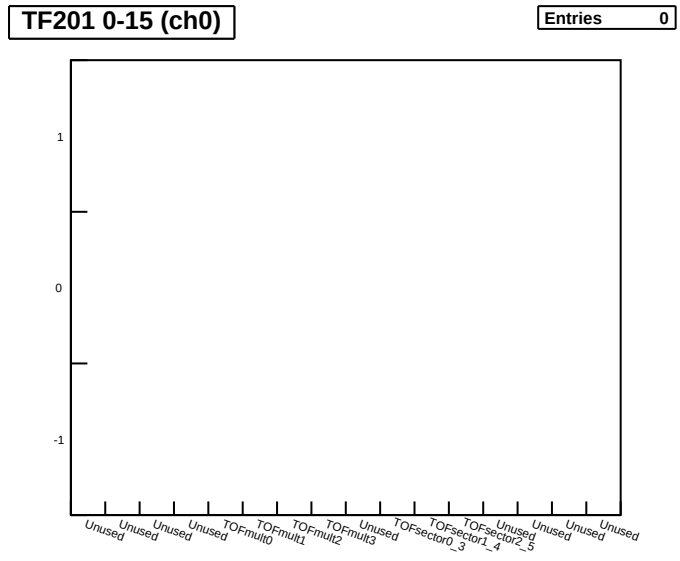

Entries 526590
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

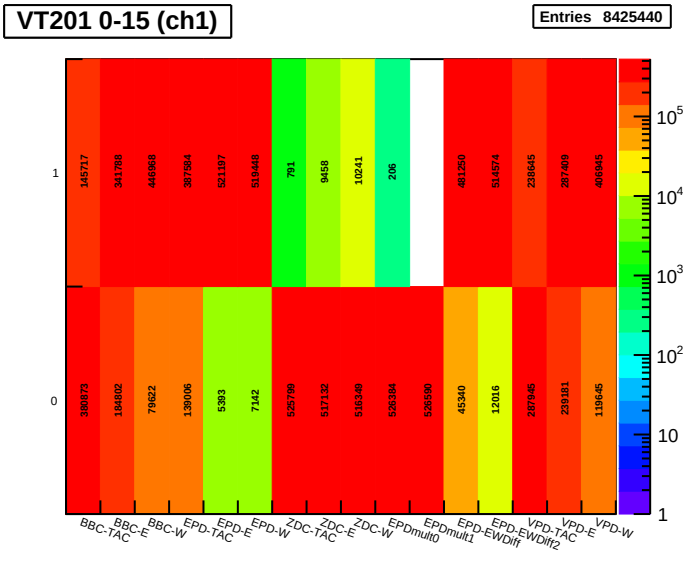

Entries 526590
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

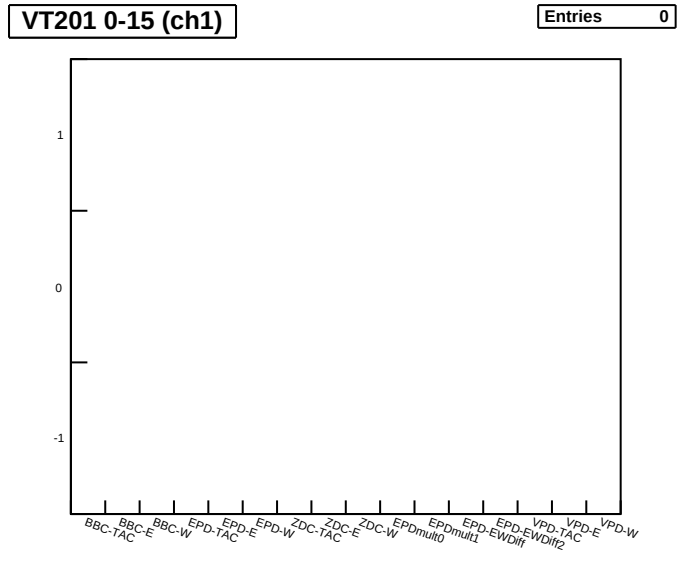

Laser Input Bits
Entries 526590
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

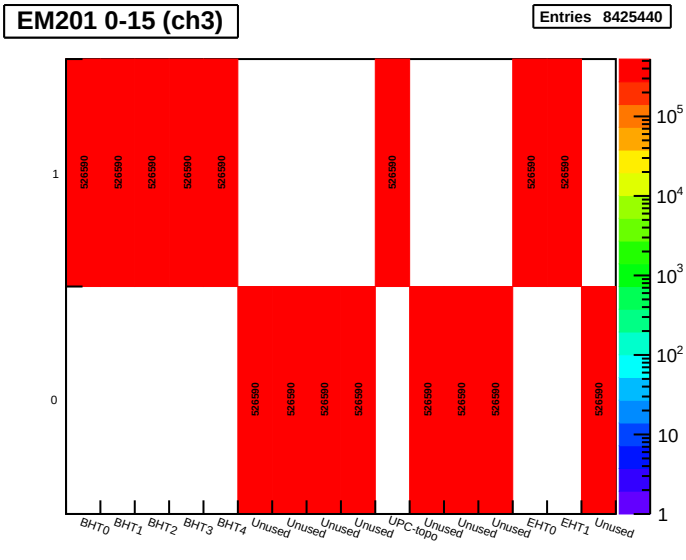

ST201 0-15 (ch6)
Entries 8425440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
526590
526570
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

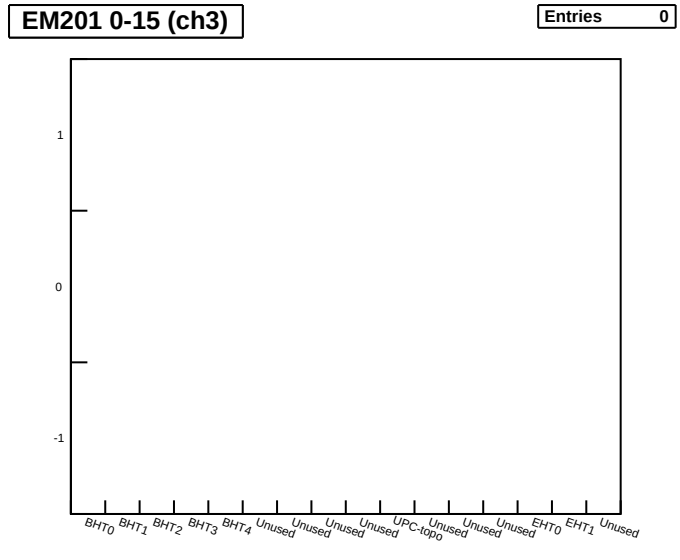

TF201 0-15 (ch0)
Entries 8425440
1
0
526590 521227 469256 453283 348911 436862 436605 432928 526590 526590 526590
526590 526590 526590 5363 57334 73307 177679 526590 89728 89985 93762 526590
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 8425440
1
0
145717 341788 446968 387584 521197 519448 791 9458 10241 206 481250 514574 238645 287409 406945
380873 184802 79622 138006 5393 7142 525799 517132 516349 526384 526590 45340 12016 287945 239181 119645
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 8425440
1
0
526590 526590 526590 526590 526590 526590 526590 526590
526590 526590 526590 526590 526590 526590 526590 526590
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused