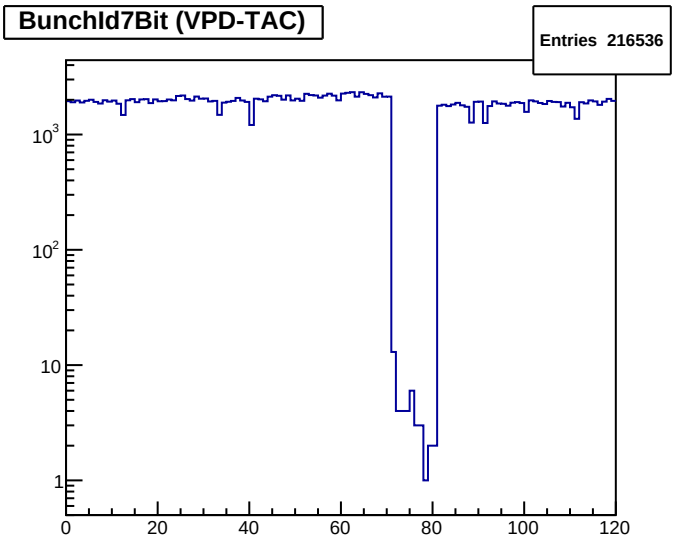
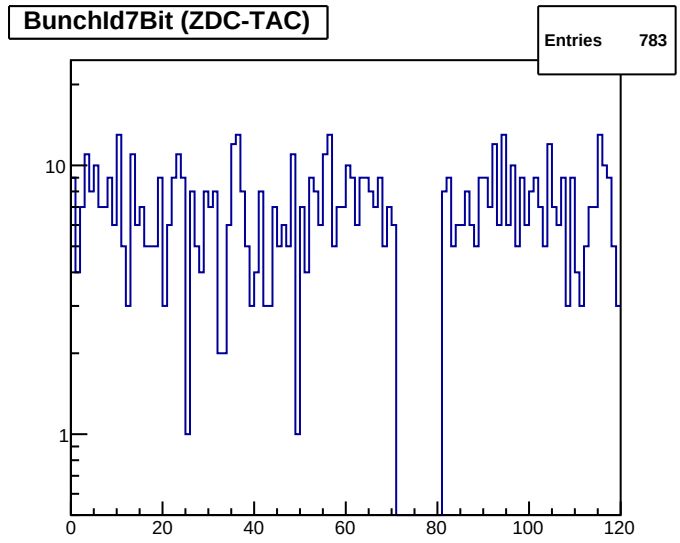
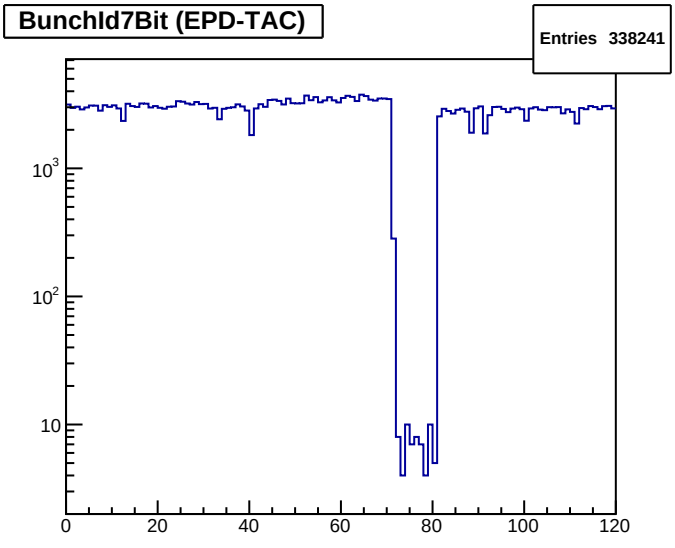
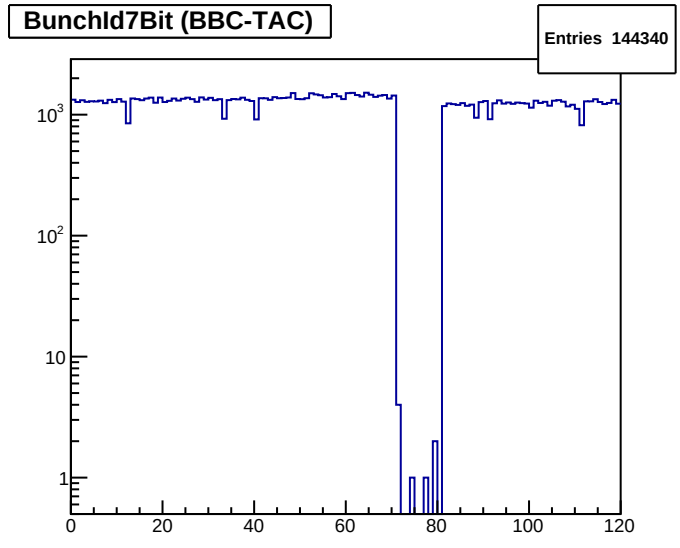
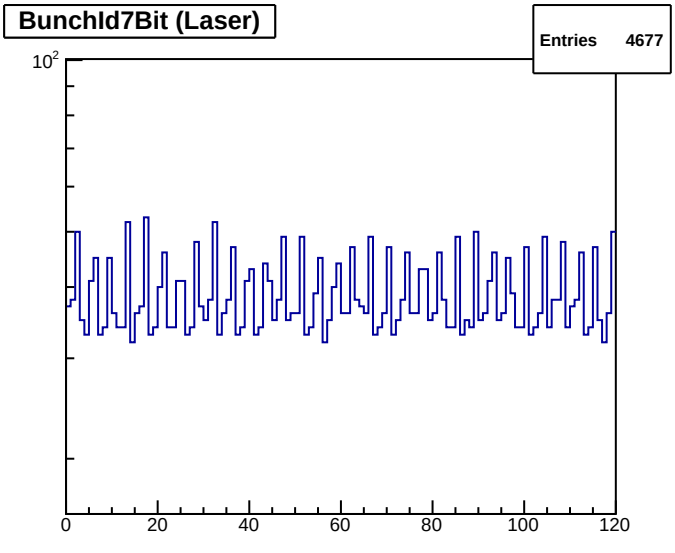
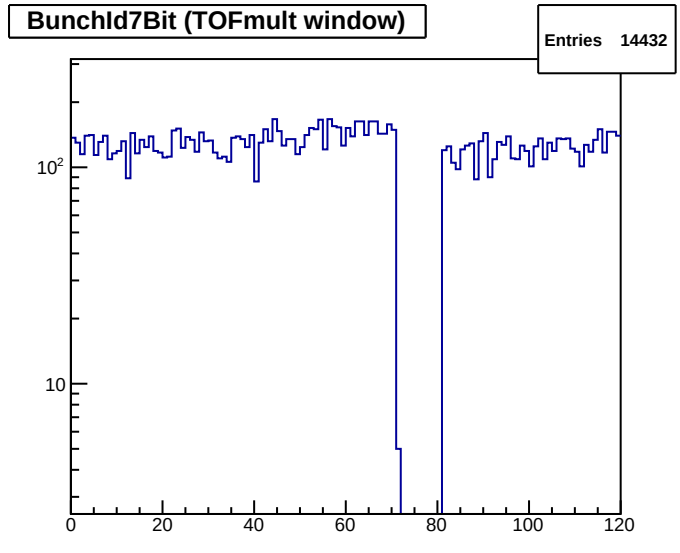

BunchId7Bit (VPD-TAC)
Entries 216536

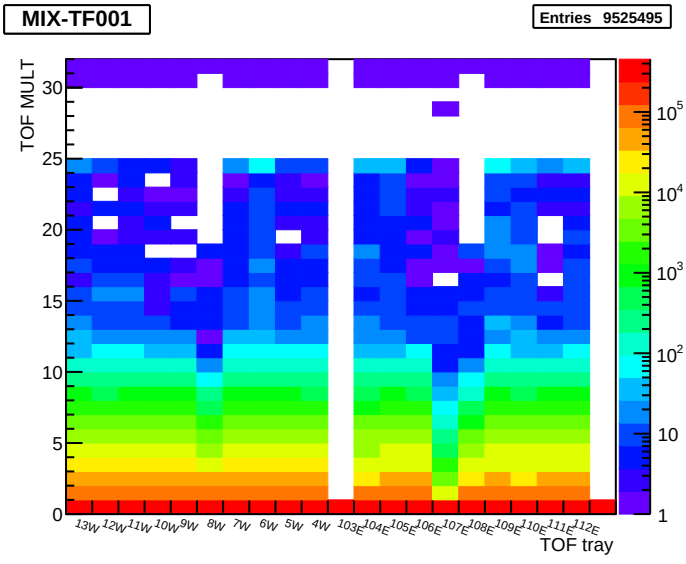

BunchId7Bit (ZDC-TAC)
Entries 783

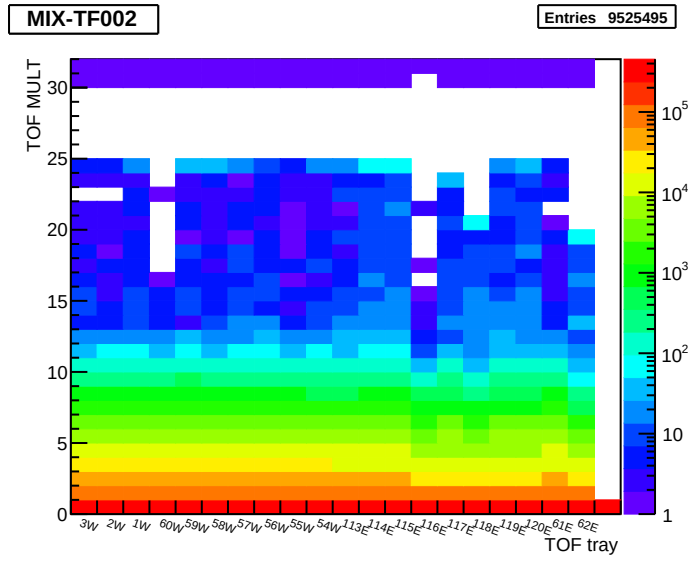

BunchId7Bit (EPD-TAC)
Entries 338241

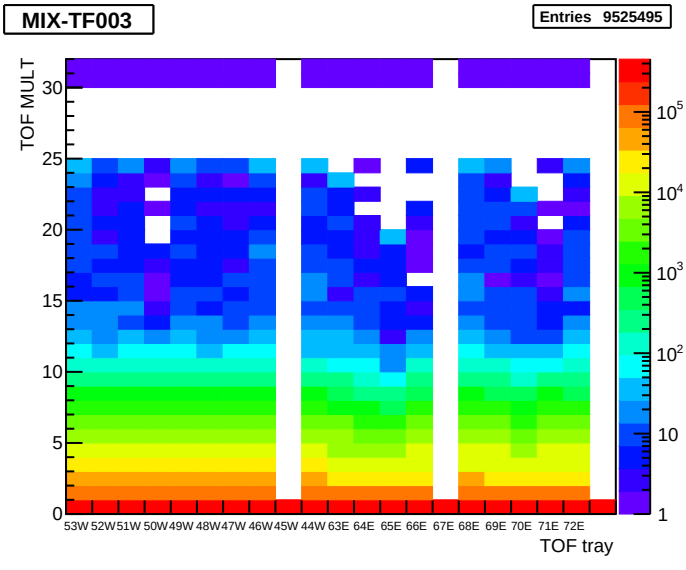

BunchId7Bit (BBC-TAC)
Entries 144340

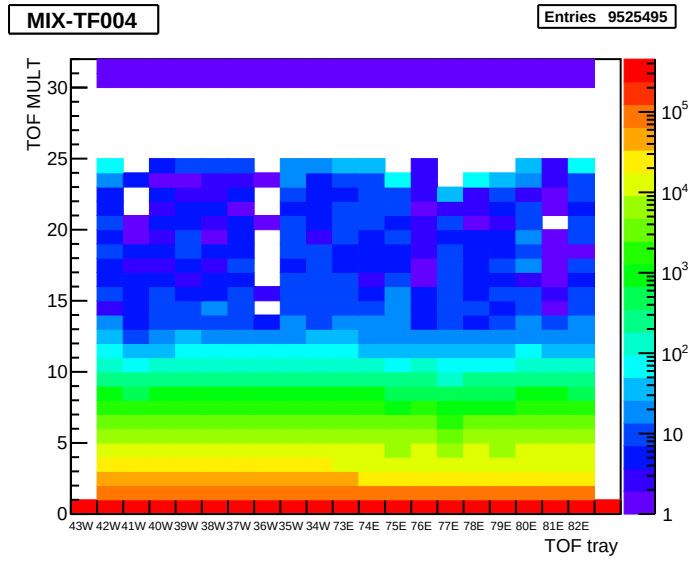

BunchId7Bit (Laser)
Entries 4677

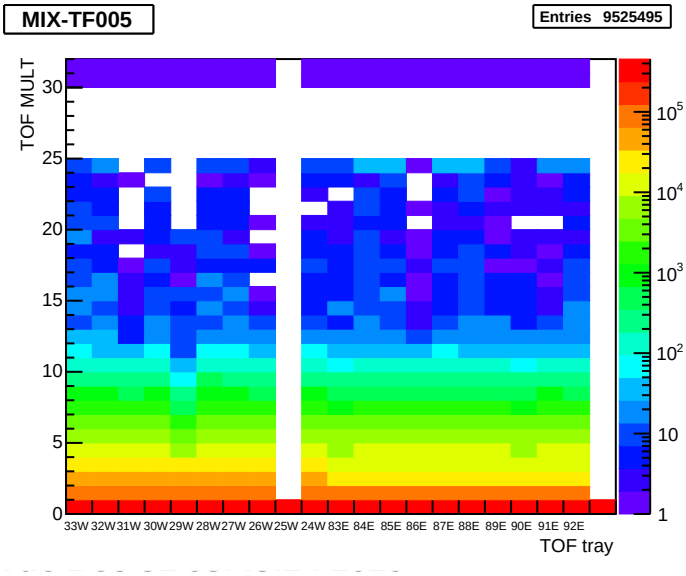

BunchId7Bit (TOFmult window)
Entries 14432

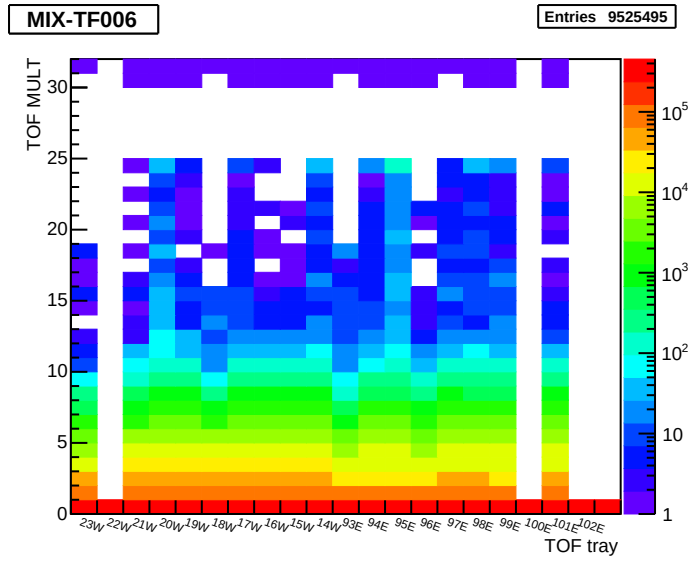

MIX-TF001
Entries 9525495
TOF MULT
TOF tray

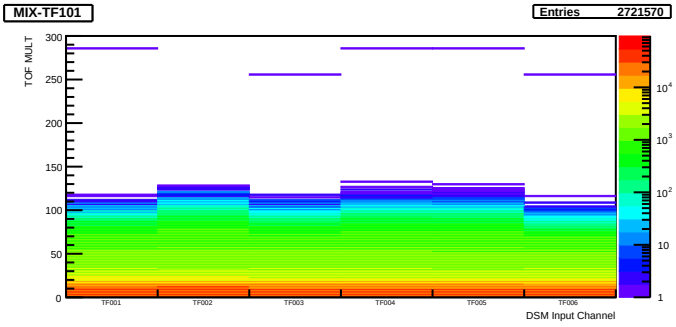

MIX-TF002
Entries 9525495
TOF MULT
TOF tray

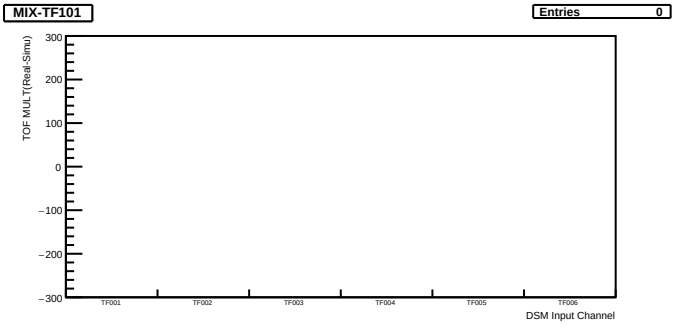

MIX-TF003
Entries 9525495
TOF MULT
TOF tray

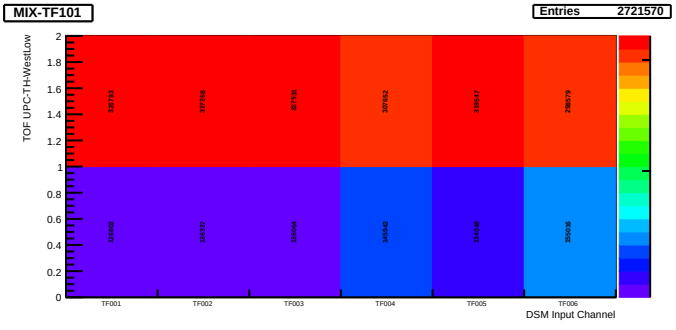

MIX-TF004
Entries 9525495
TOF MULT
TOF tray

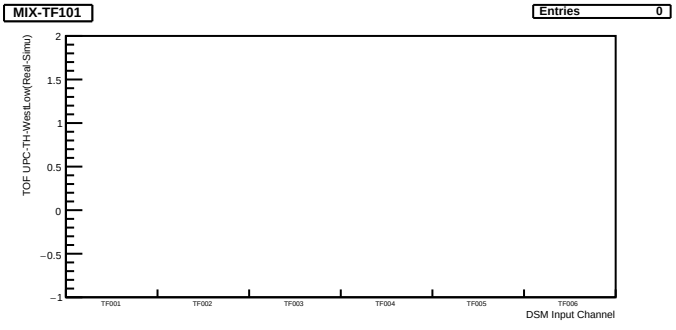

MIX-TF005
Entries 9525495
TOF MULT
TOF tray

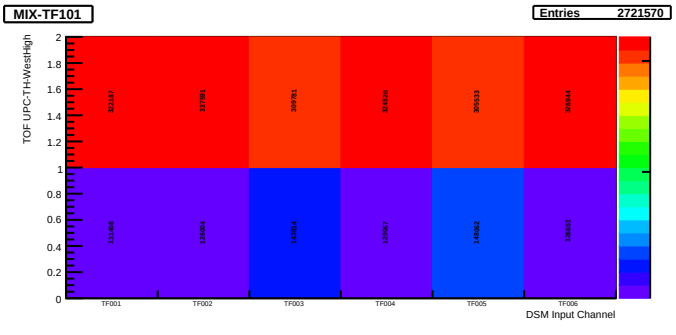

MIX-TF006
Entries 9525495
TOF MULT
TOF tray

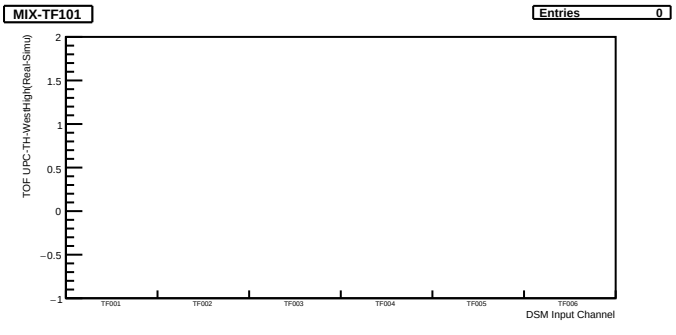

MIX-TF101
Entries 2721570
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

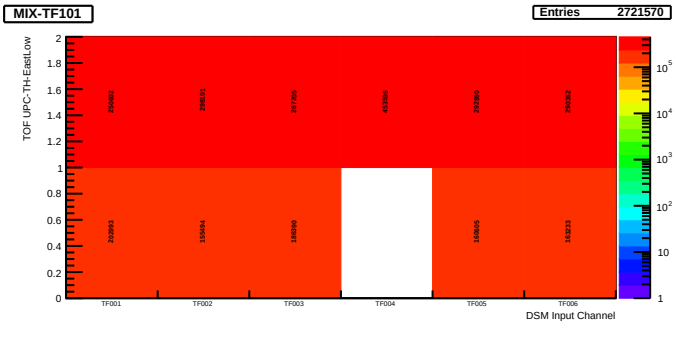

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

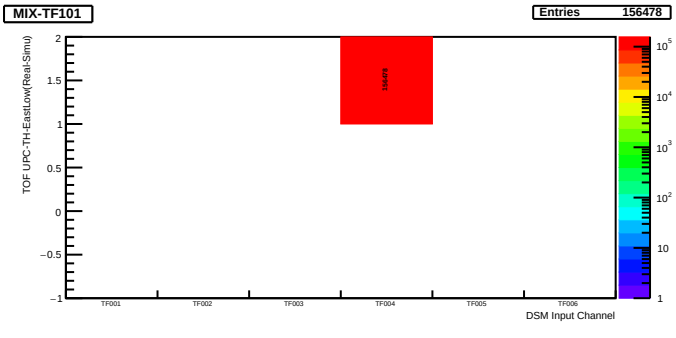

MIX-TF101
Entries 2721570
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

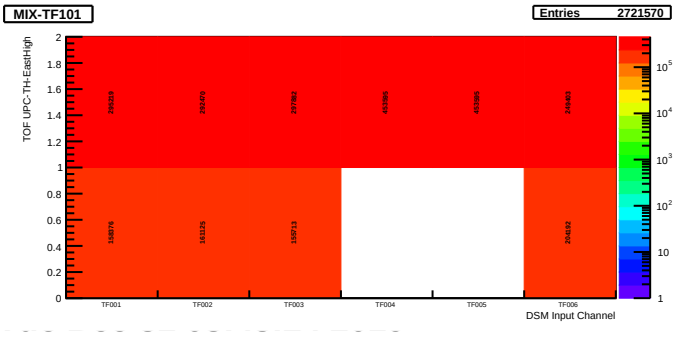

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

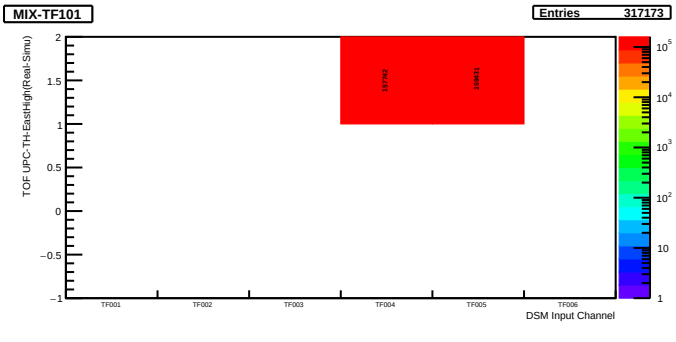

MIX-TF101
Entries 2721570
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

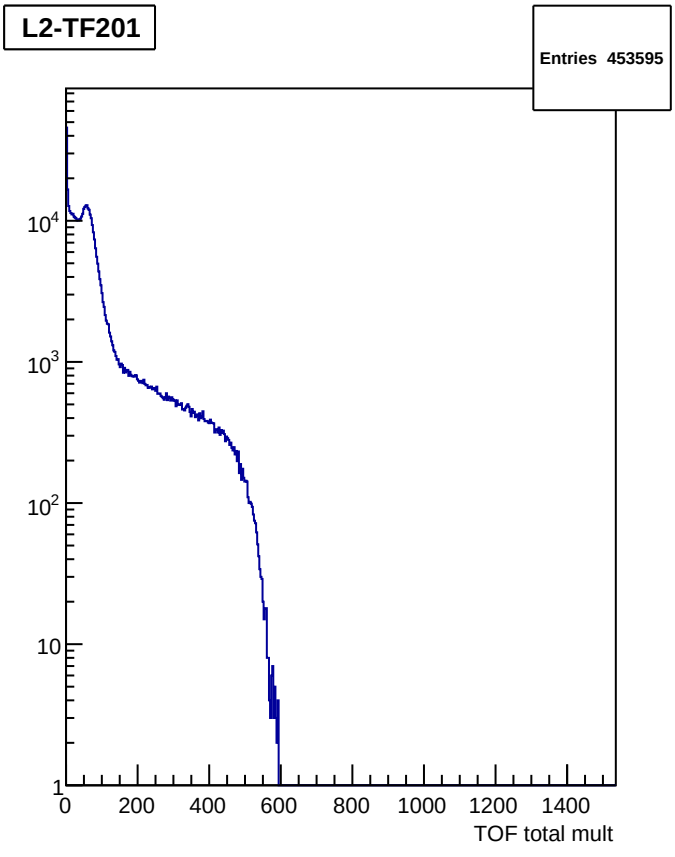

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

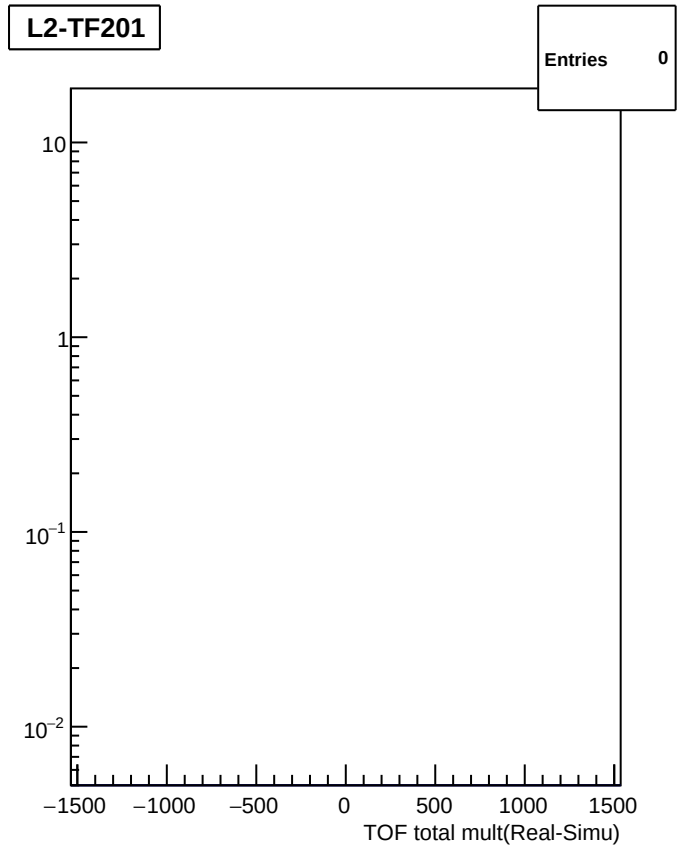

MIX-TF101
Entries 2721570
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

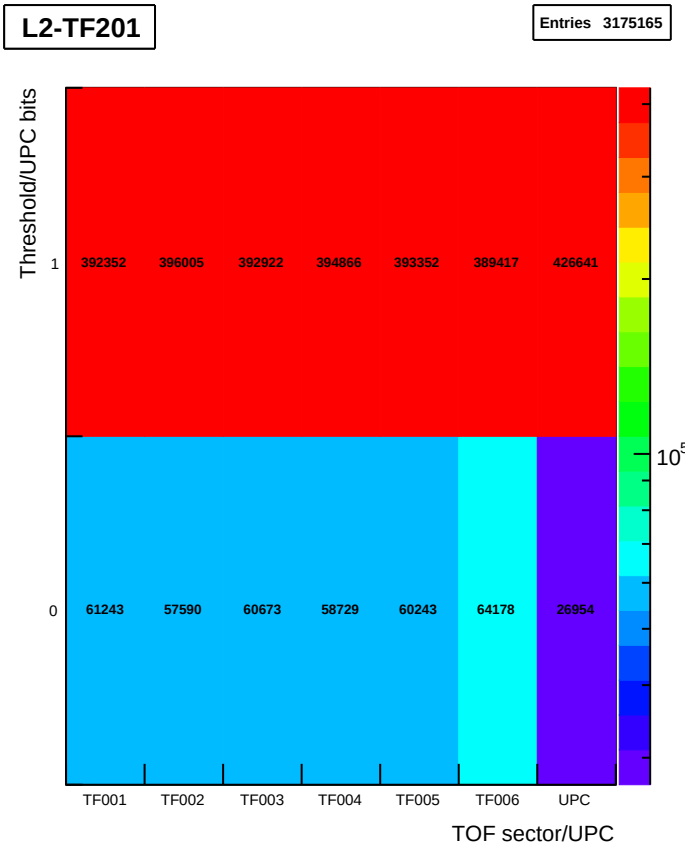

MIX-TF101
Entries 156478
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

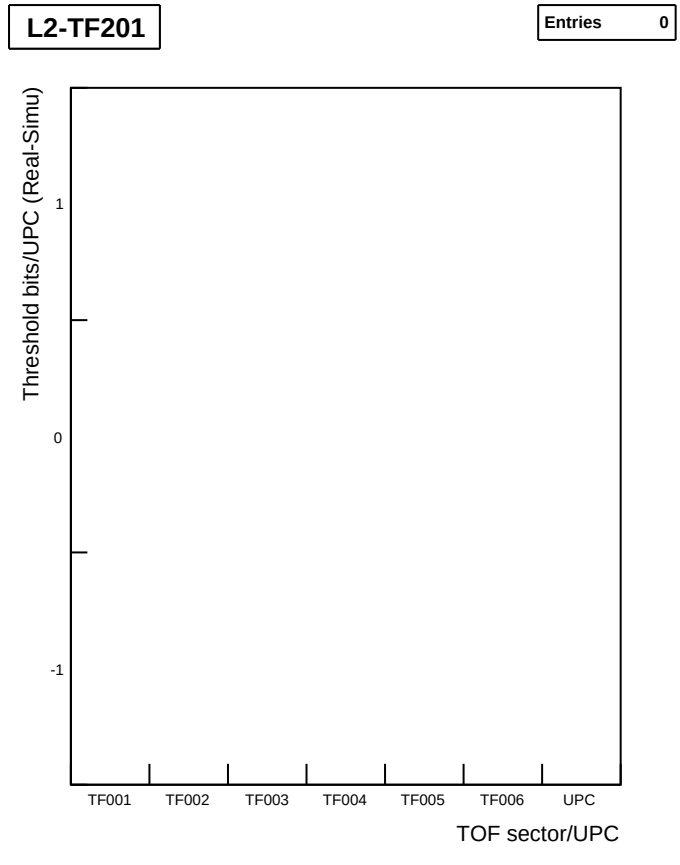

MIX-TF101
Entries 2721570
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

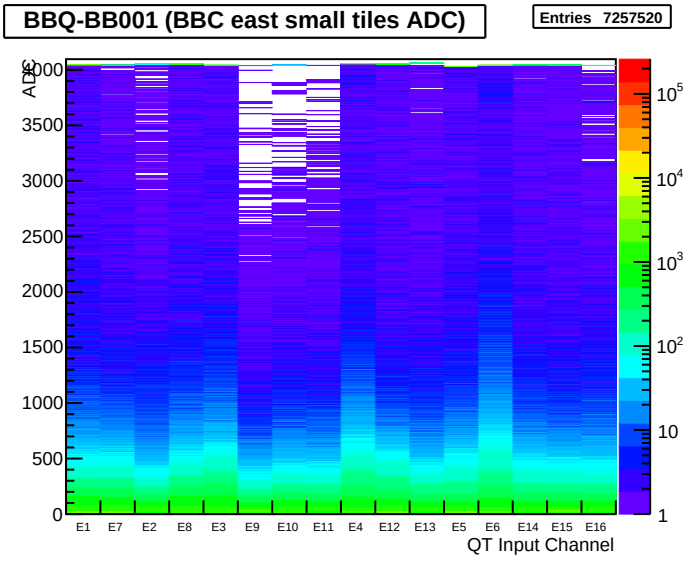

MIX-TF101
Entries 317173
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

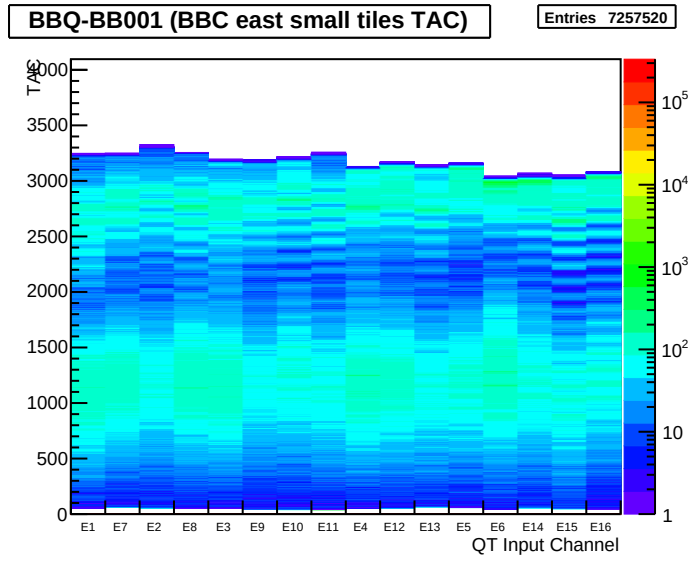

L2-TF201
Entries 453595
TOF total mult

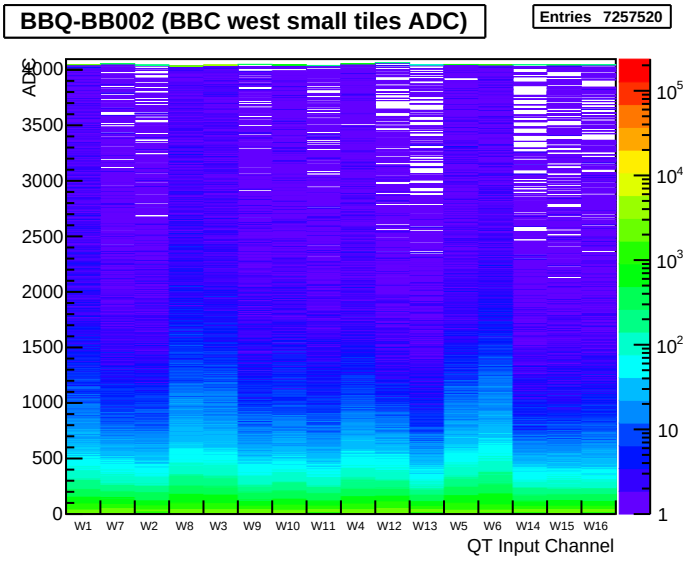

L2-TF201
Entries 0
TOF total mult(Real-Simu)

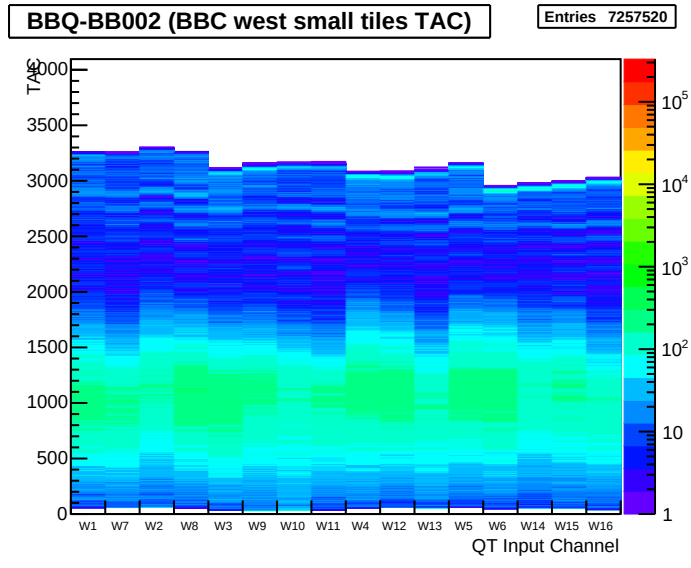

L2-TF201
Entries 3175165
Threshold/UPC bits
392352
396005
392922
394866
393352
389417
426641
61243
57590
60673
58729
60243
64178
26954
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

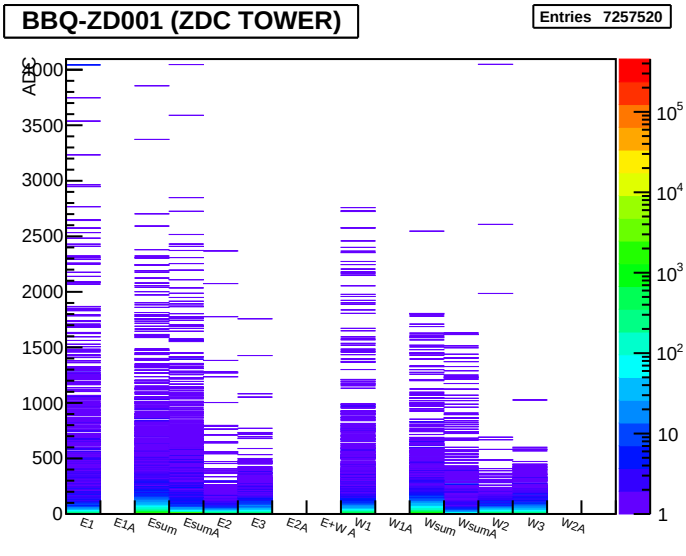

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

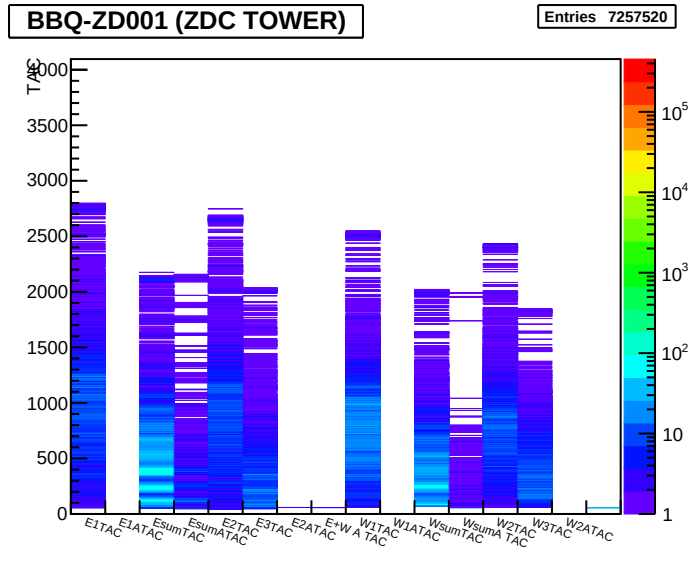

BBQ-BB001 (BBC east small tiles ADC)
Entries 7257520
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

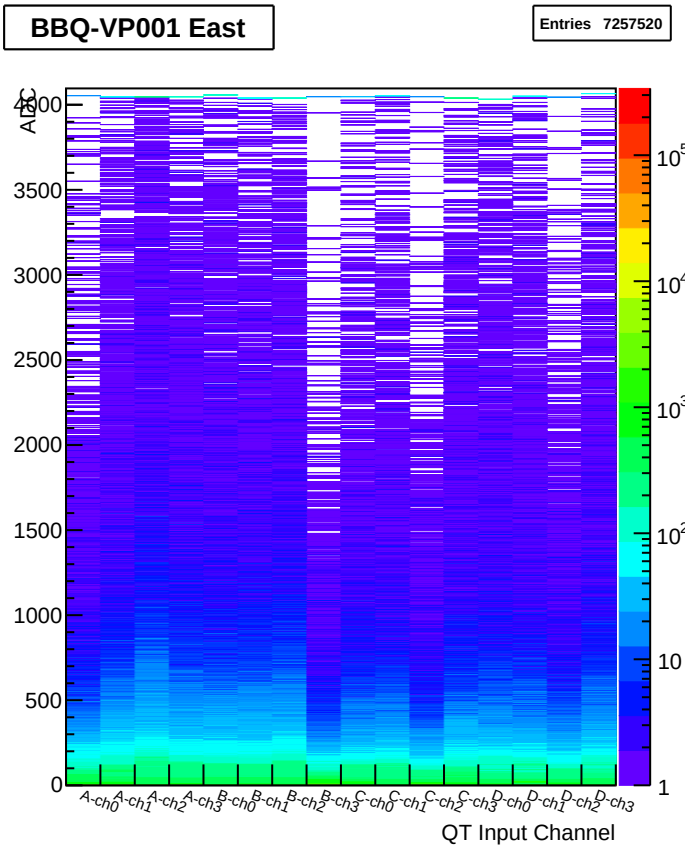

BBQ-BB001 (BBC east small tiles TAC)
Entries 7257520
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

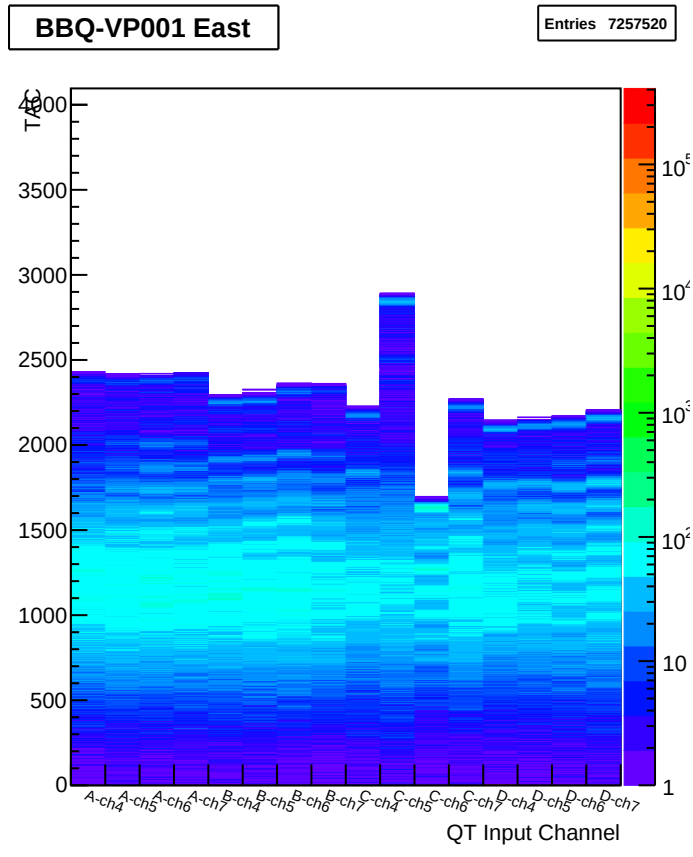

BBQ-BB002 (BBC west small tiles ADC)
Entries 7257520
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

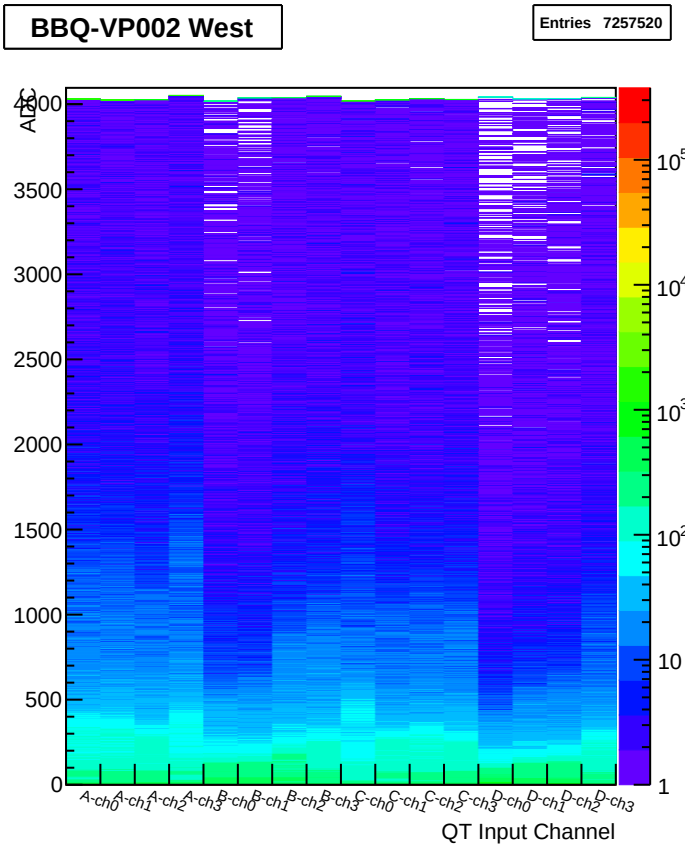

BBQ-BB002 (BBC west small tiles TAC)
Entries 7257520
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

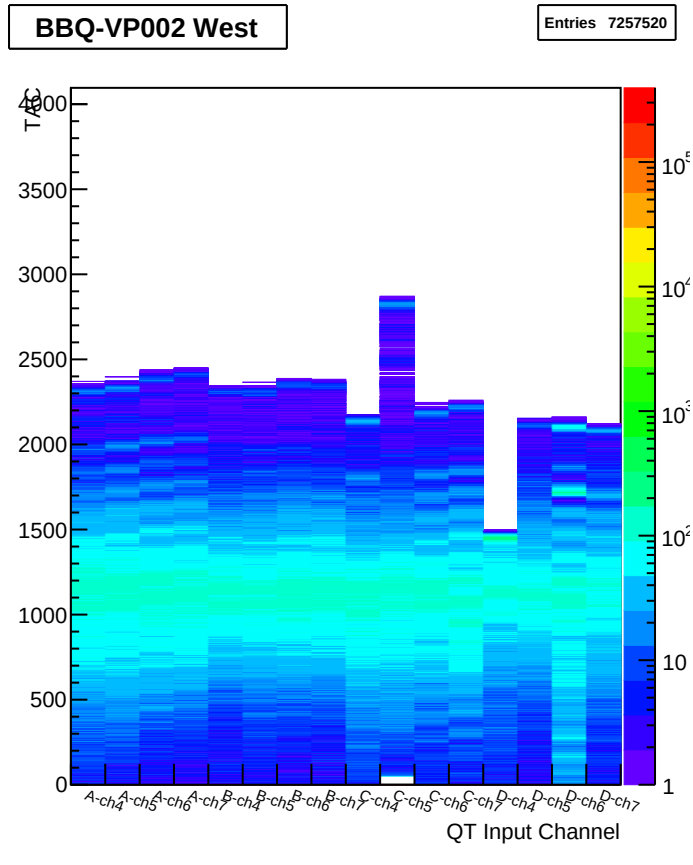

BBQ-ZD001 (ZDC TOWER)
Entries 7257520
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

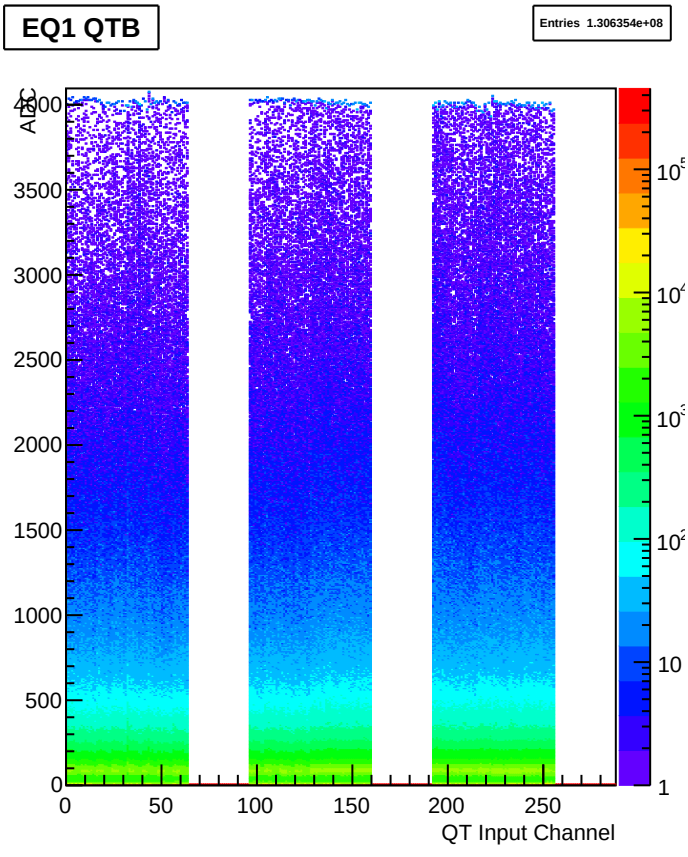

BBQ-ZD001 (ZDC TOWER)
Entries 7257520
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

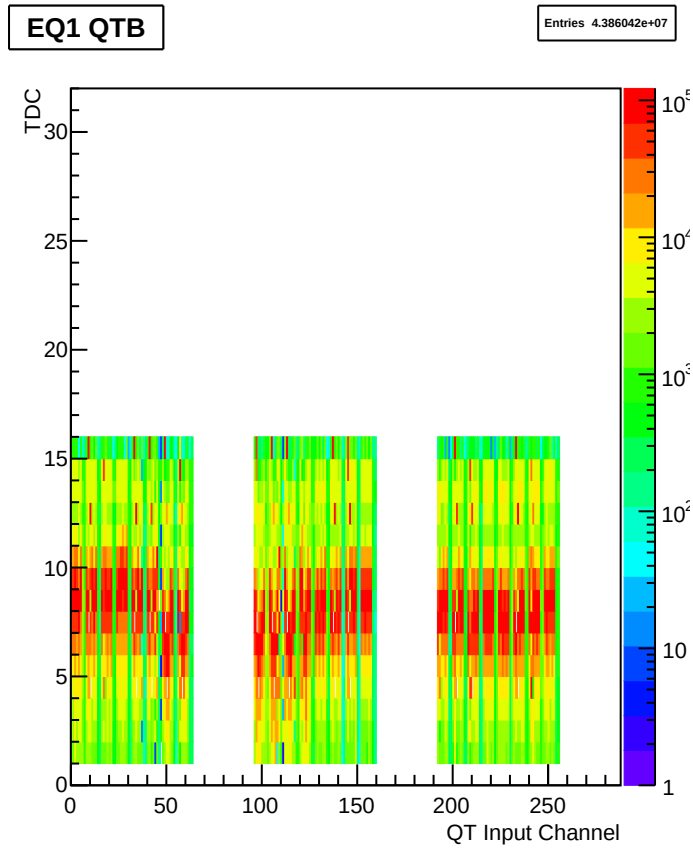

BBQ-VP001 East
Entries 7257520
ADC
QT Input Channel

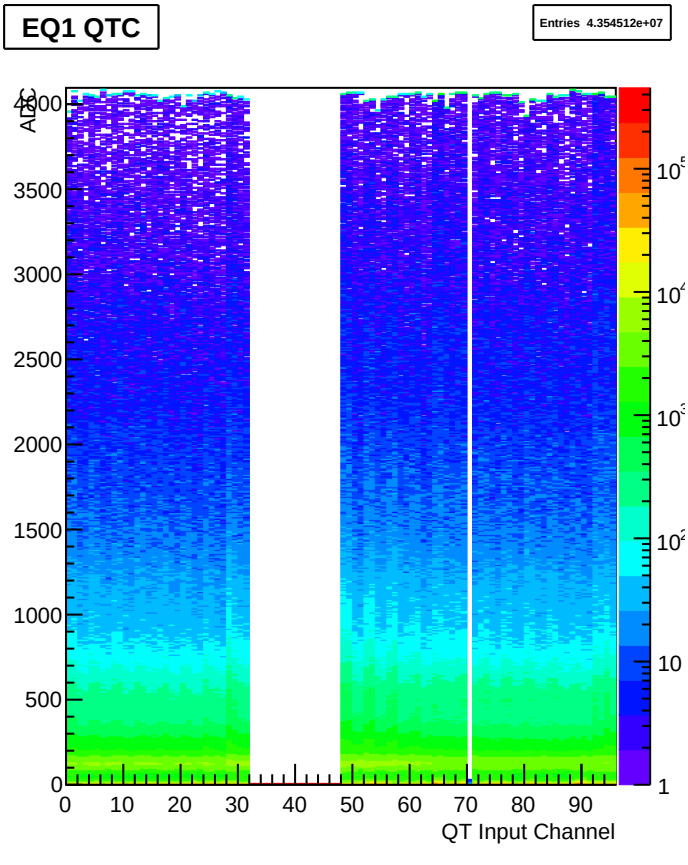

BBQ-VP001 East
Entries 7257520
TADC
QT Input Channel

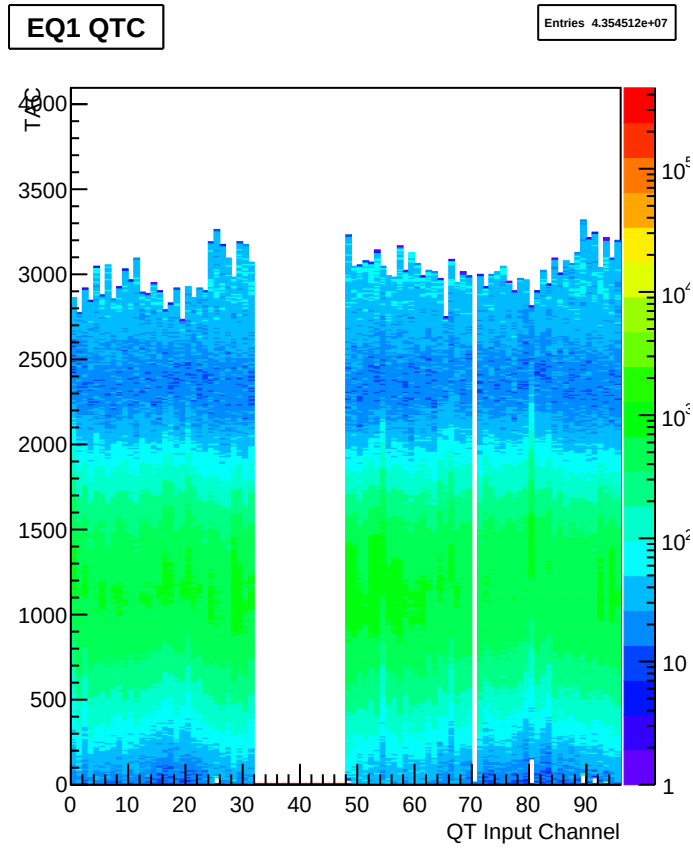

BBQ-VP002 West
Entries 7257520
ADC
QT Input Channel

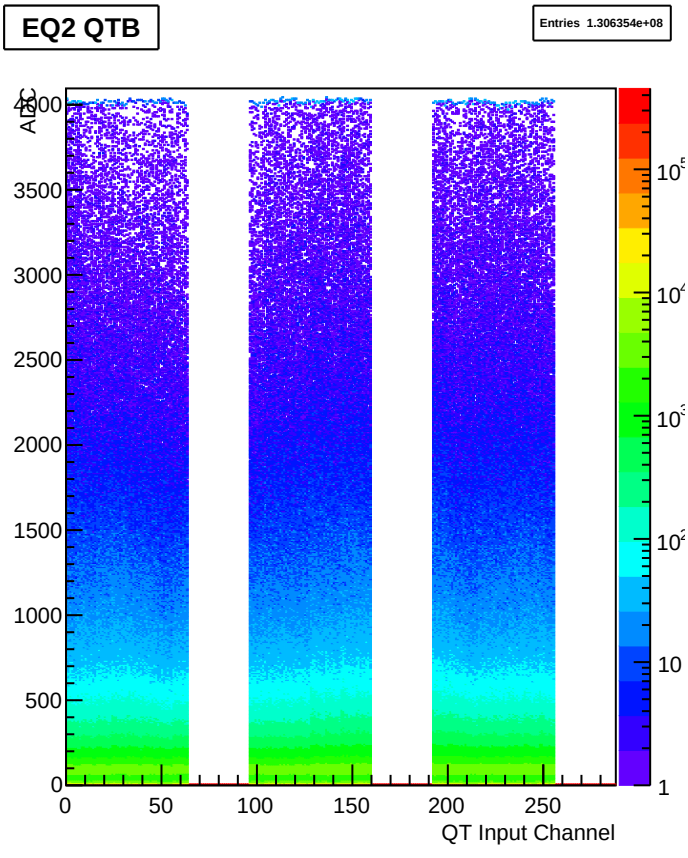

BBQ-VP002 West
Entries 7257520
TADC
QT Input Channel

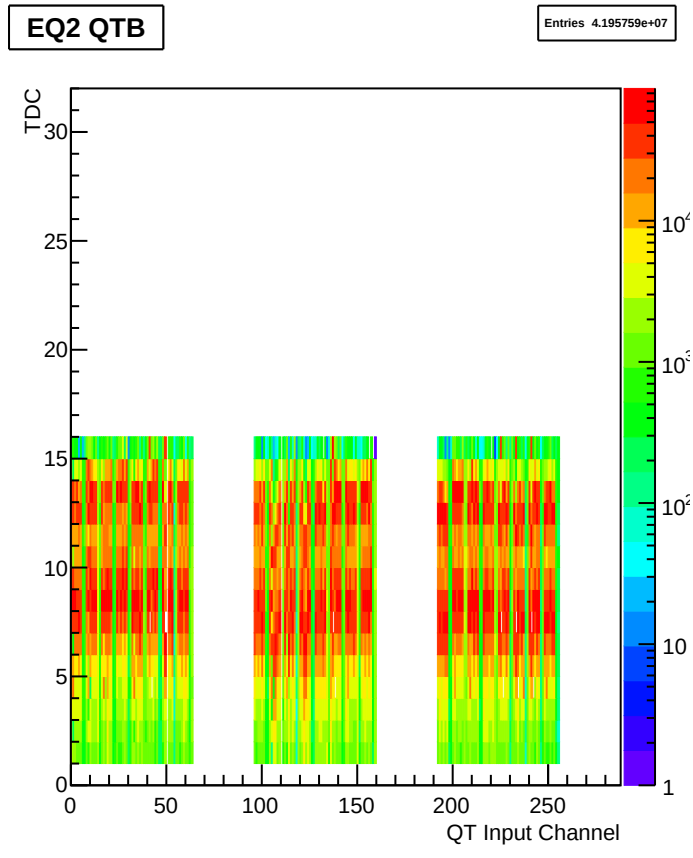

EQ1 QTB
Entries 1.306354e+08
ADC
QT Input Channel

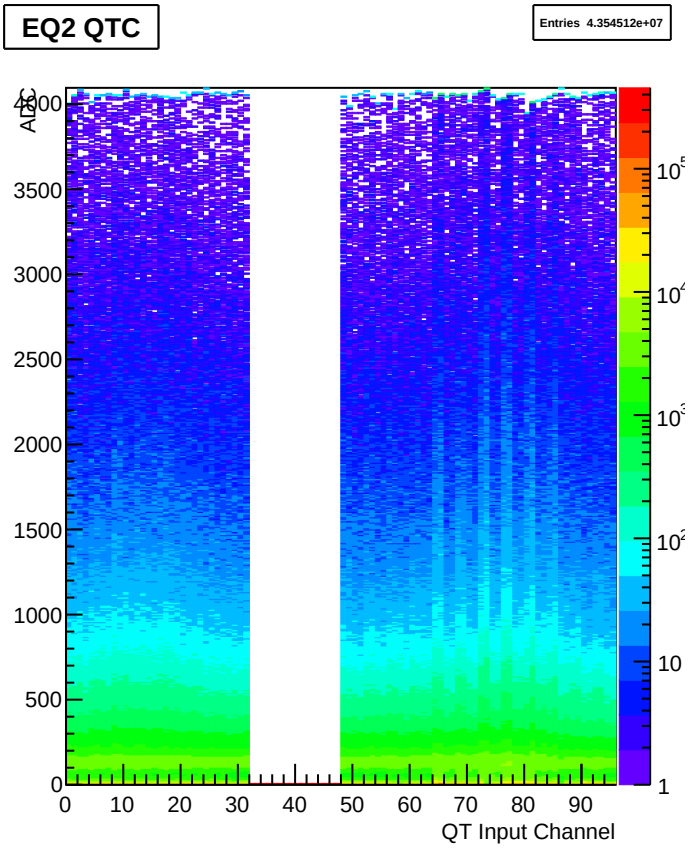

EQ1 QTB
Entries 4.386042e+07
TDC
QT Input Channel

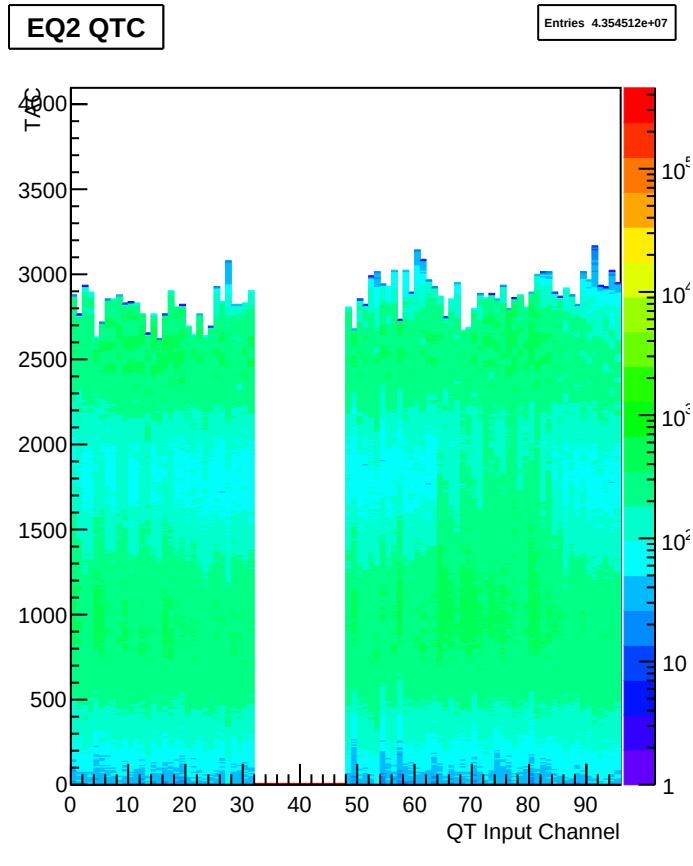

EQ1 QTC
Entries 4.354512e+07
ADC
QT Input Channel

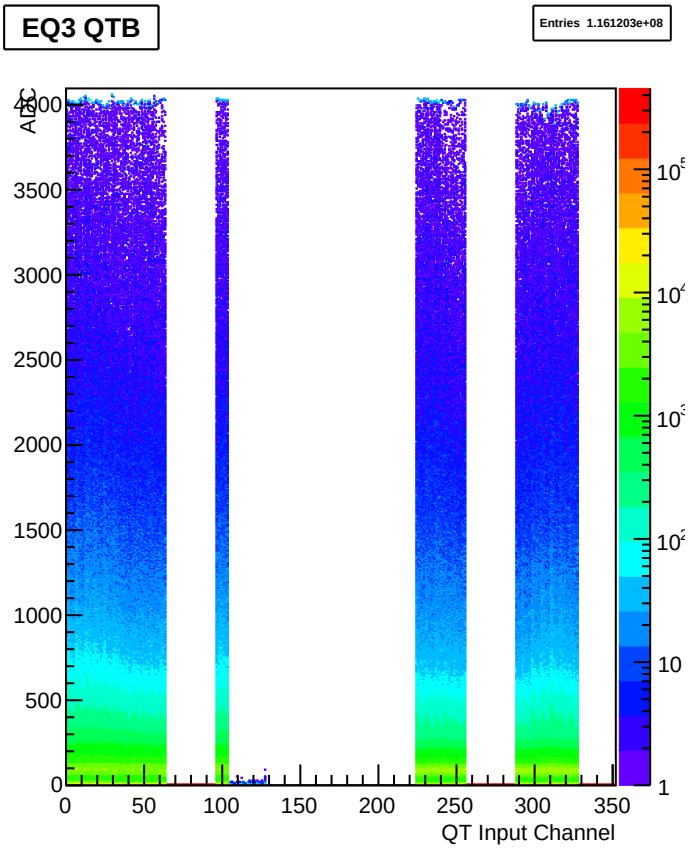

EQ1 QTC
Entries 4.354512e+07
TADC
QT Input Channel

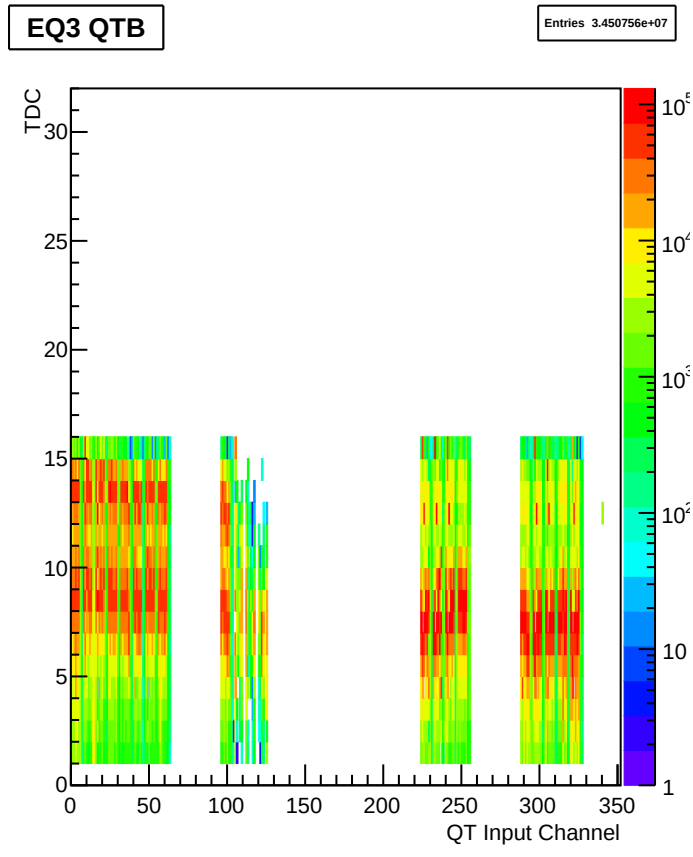

EQ2 QTB
Entries 1.306354e+08
ADC
QT Input Channel

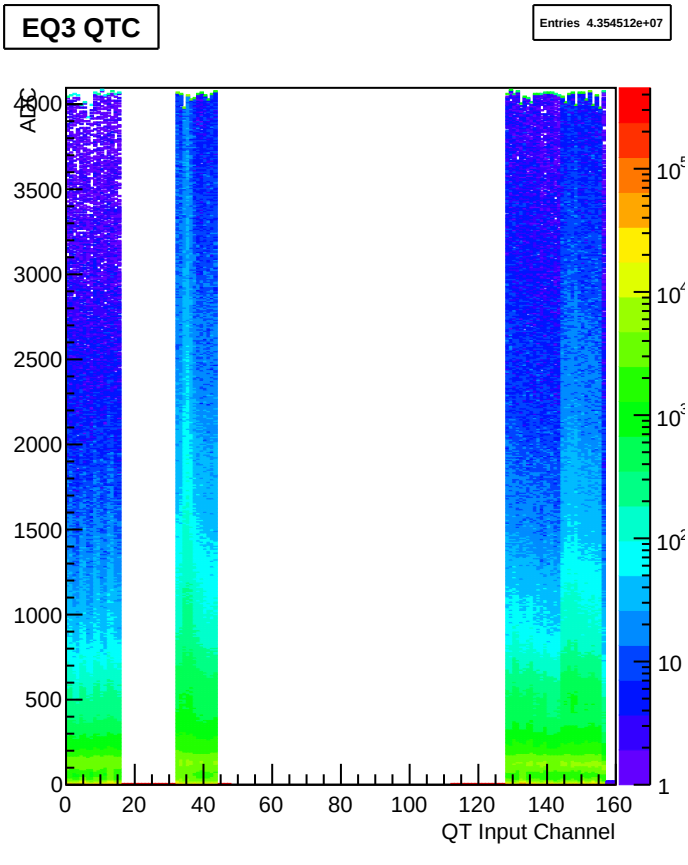

EQ2 QTB
Entries 4.195759e+07
TDC
QT Input Channel

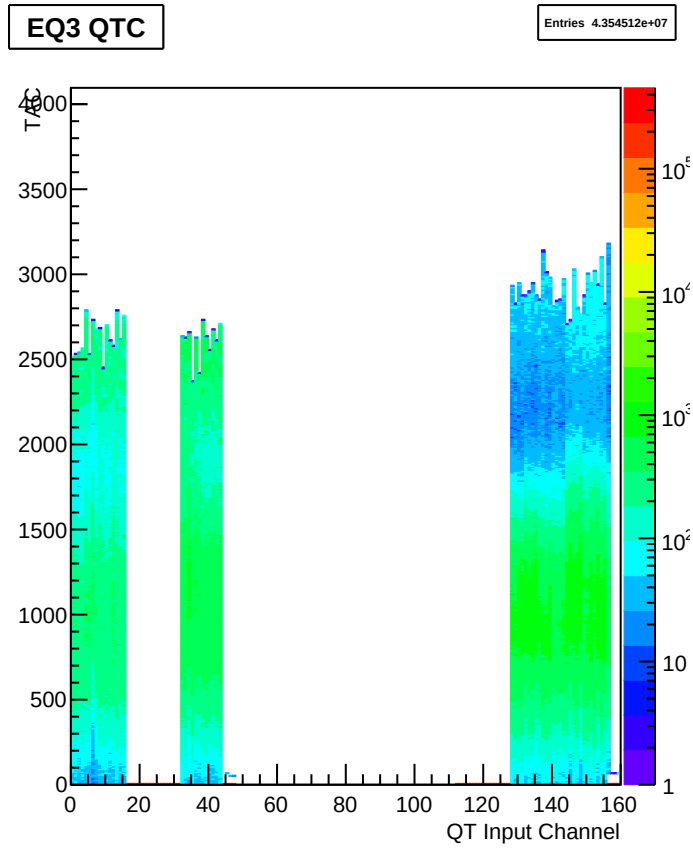

EQ2 QTC
Entries 4.354512e+07
ADC
QT Input Channel

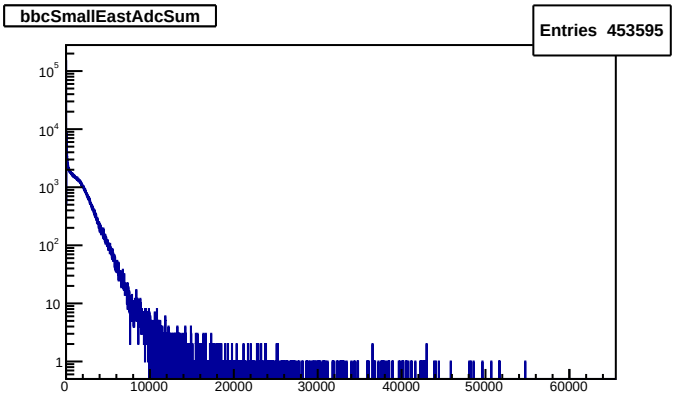

EQ2 QTC
Entries 4.354512e+07
TADC
QT Input Channel

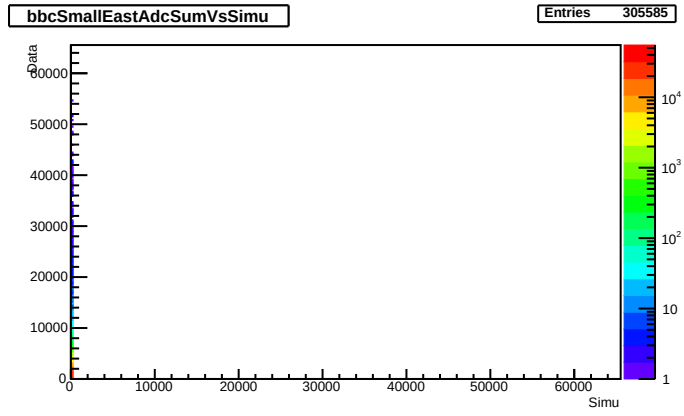

EQ3 QTB
Entries 1.161203e+08
ADC
QT Input Channel

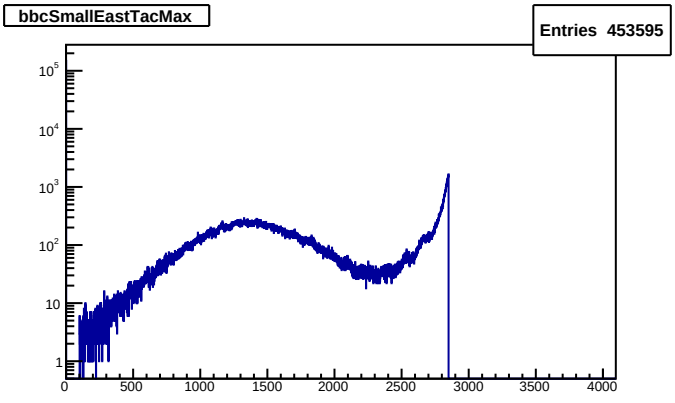

EQ3 QTB
Entries 3.450756e+07
TDC
QT Input Channel

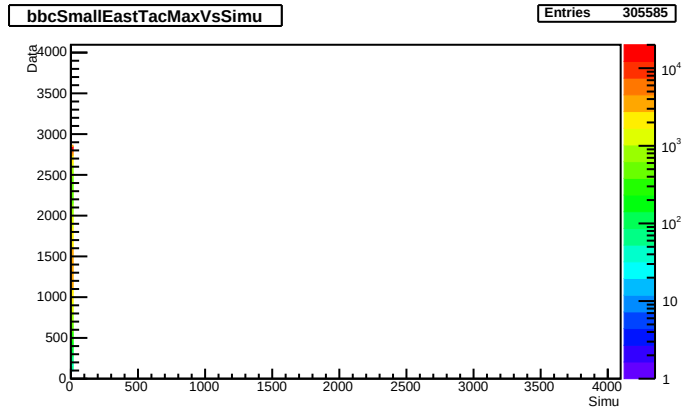

EQ3 QTC
Entries 4.354512e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.354512e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 453595


bbcSmallEastAdcSumVsSimu
Entries 305585
Data
Simu


bbcSmallEastTacMax
Entries 453595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Entries 305585
Data
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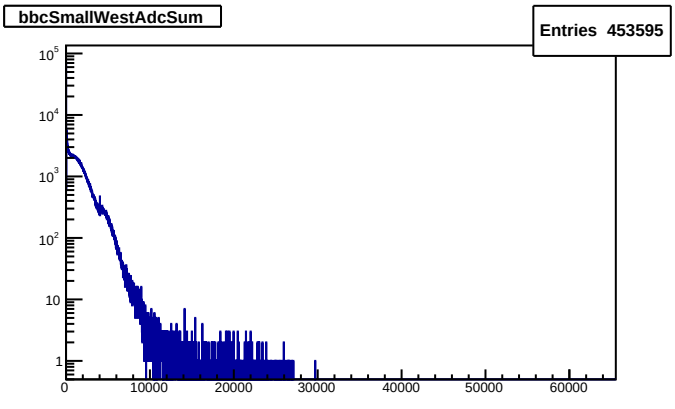
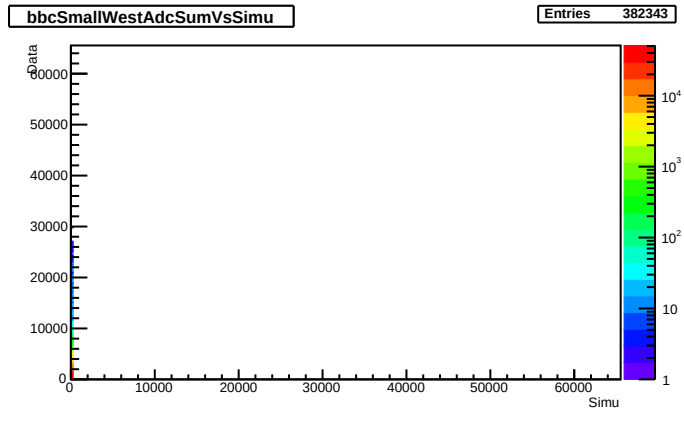

bbcSmallWestAdcSum
Entries 453595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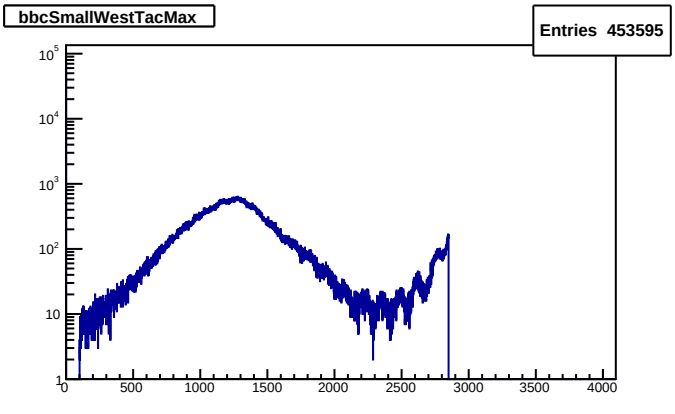
Entries 382343
Data
Simu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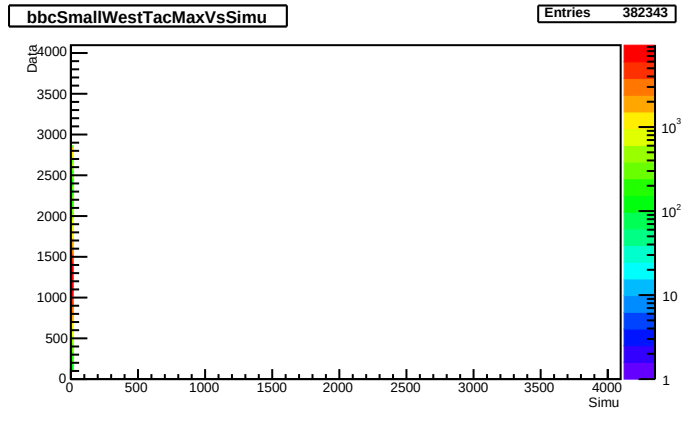
Entries 453595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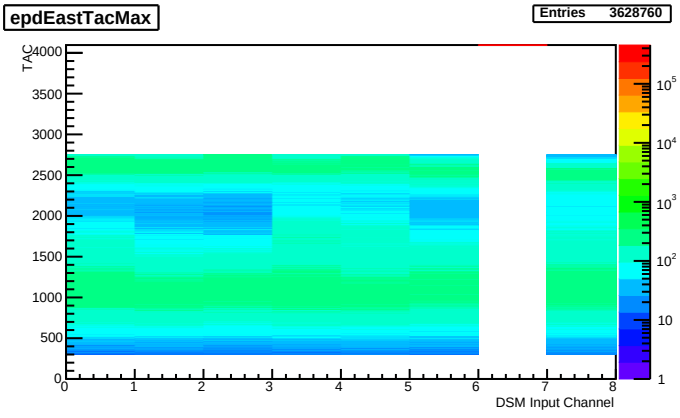
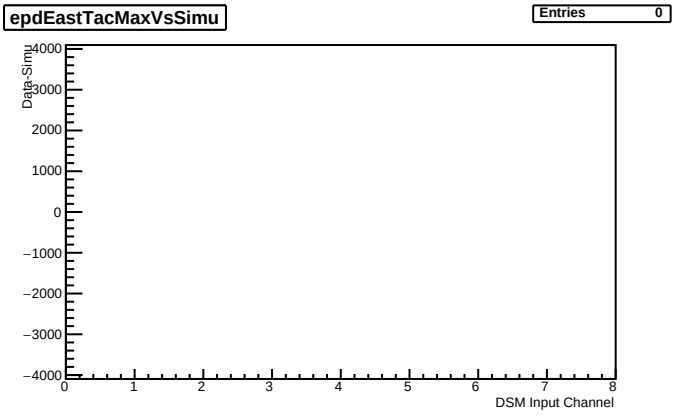
Entries 382343
Data
Simu


epdEastTacMax
Entries 3628760
TAC
DSM Input Channel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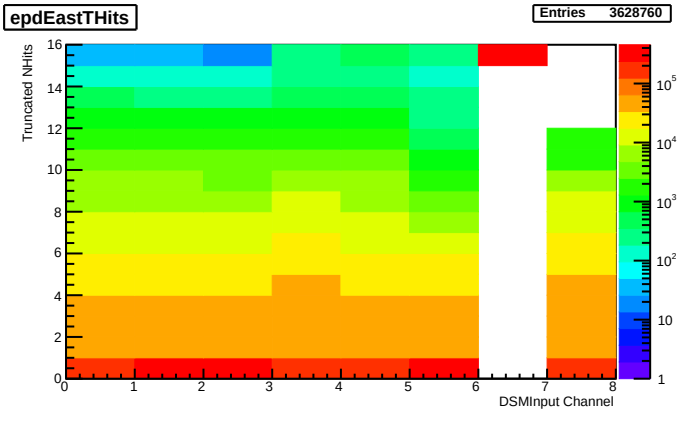
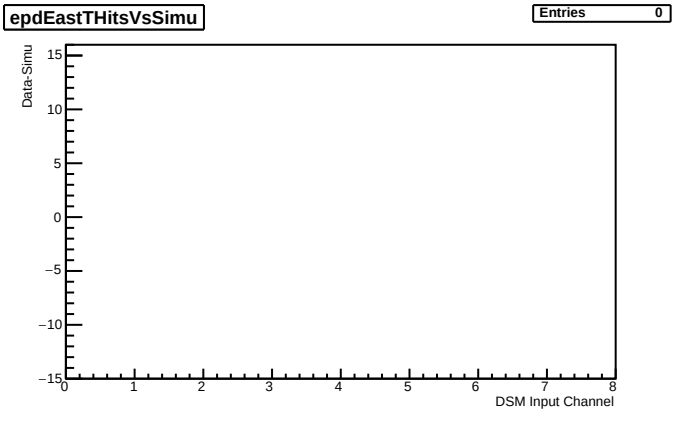
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3628760
Truncated NHits
DSMInput Channel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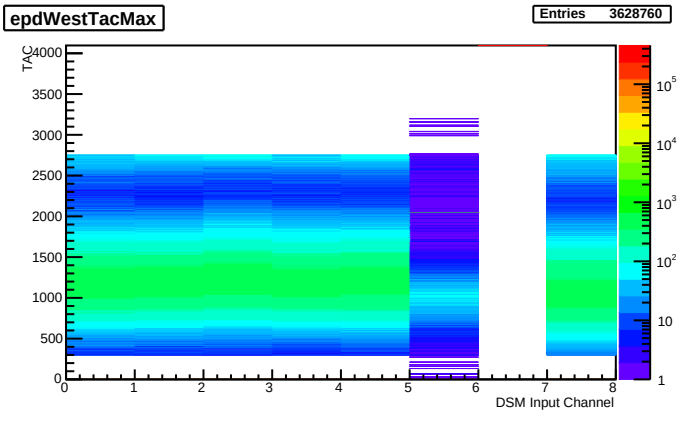
Data-Simu
DSM Input Channel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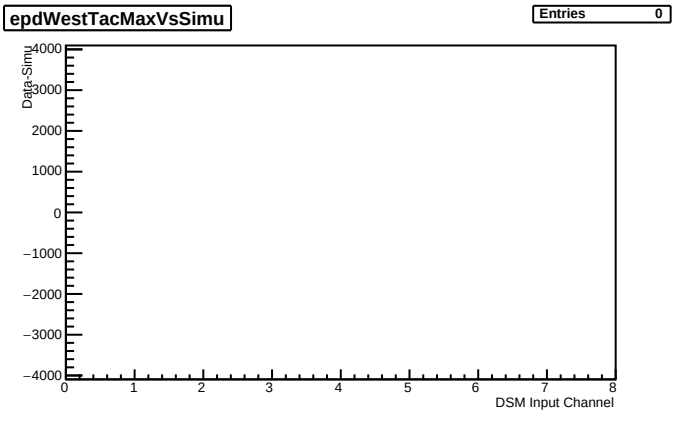
Entries 3628760
TAC
DSM Input Channel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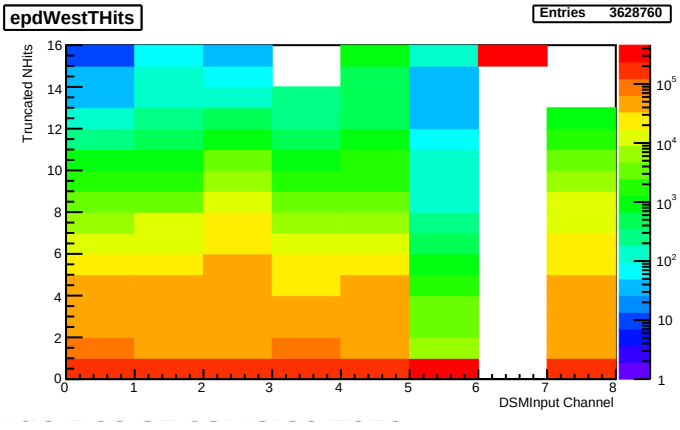
Entries 0
Data-Simu
DSM Input Channel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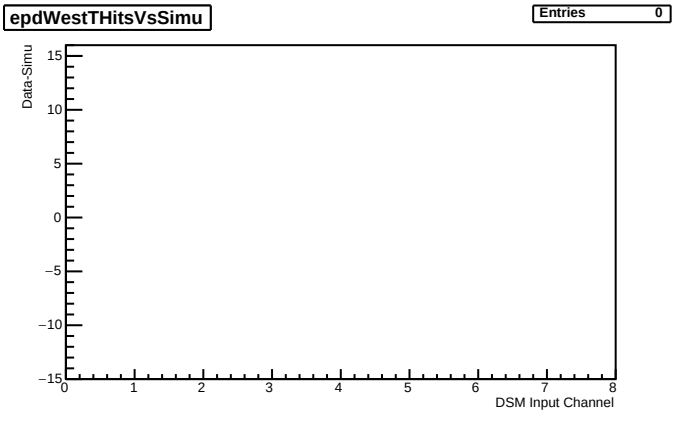
Entries 3628760
Truncated NHits
DSMInput Channel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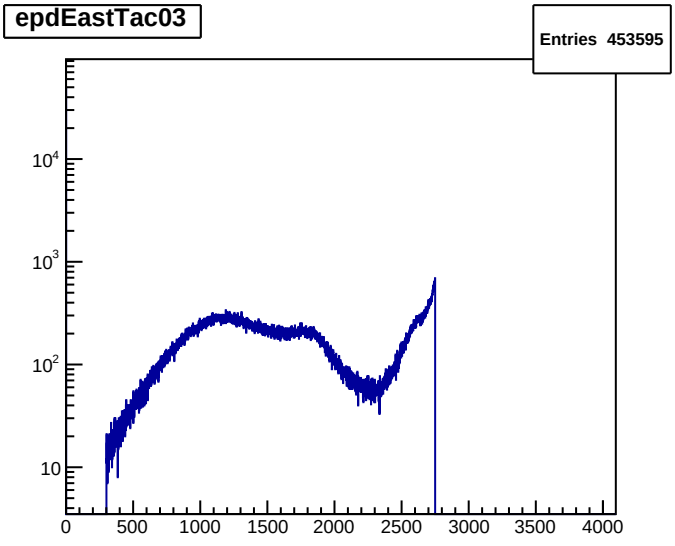
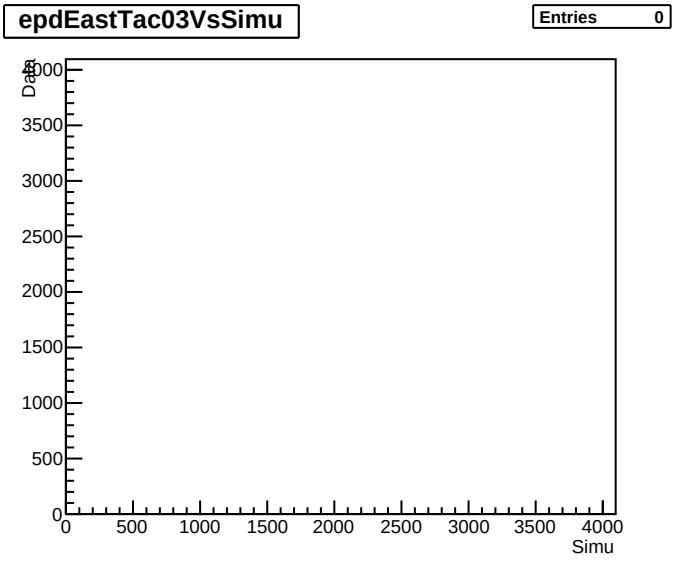
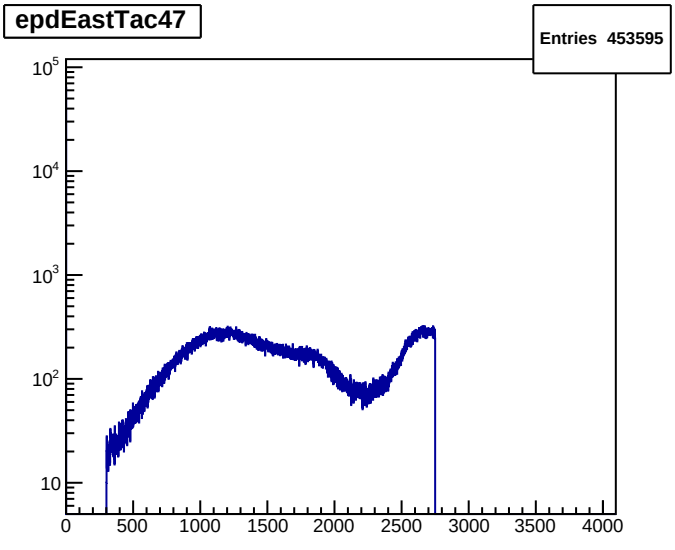
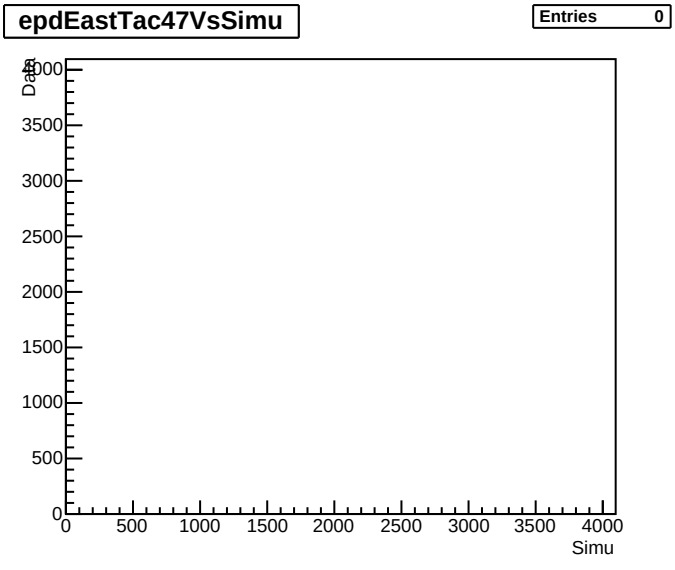
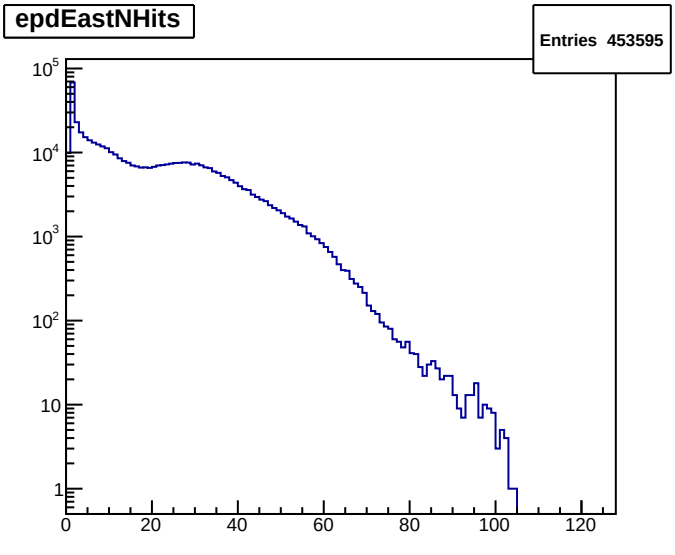
Entries 0
Data-Simu
DSM Input Channel

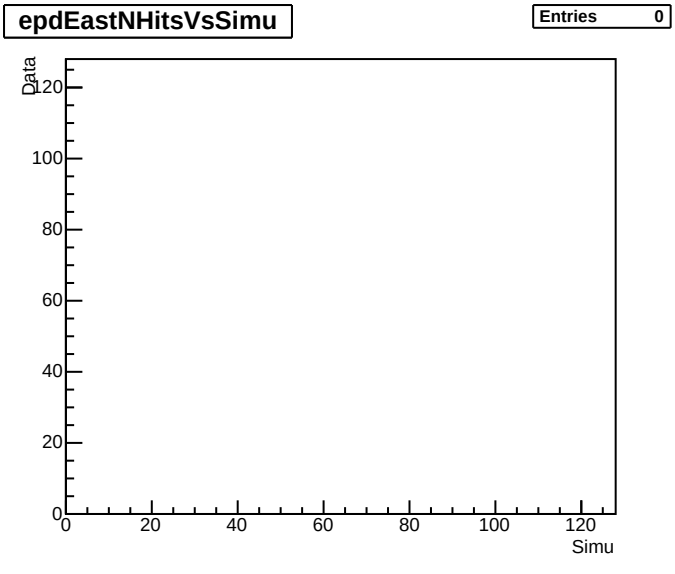

epdEastTac03
Entries 453595


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 453595


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 453595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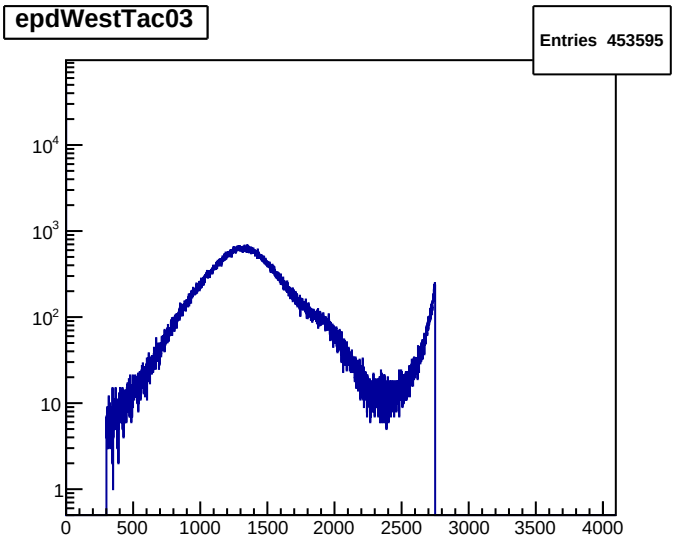
Entries 0
Data
Simu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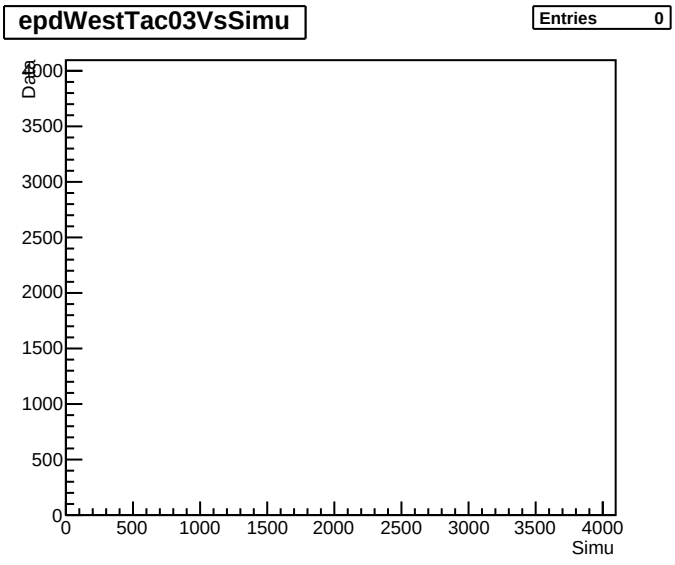
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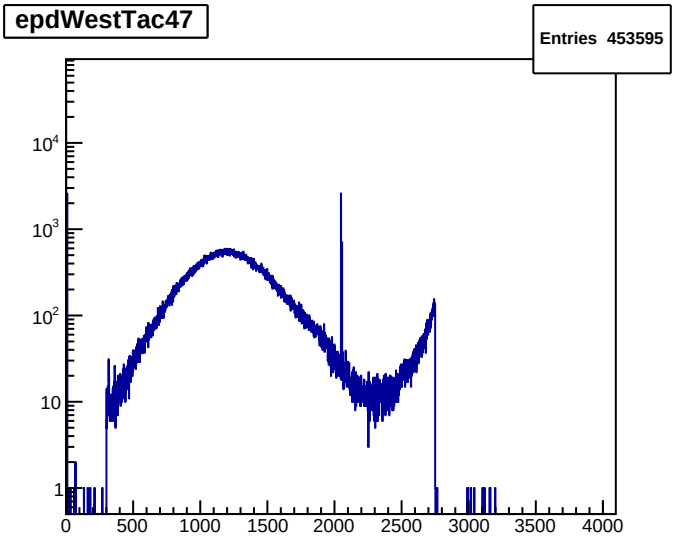
Entries 0
Data
Simu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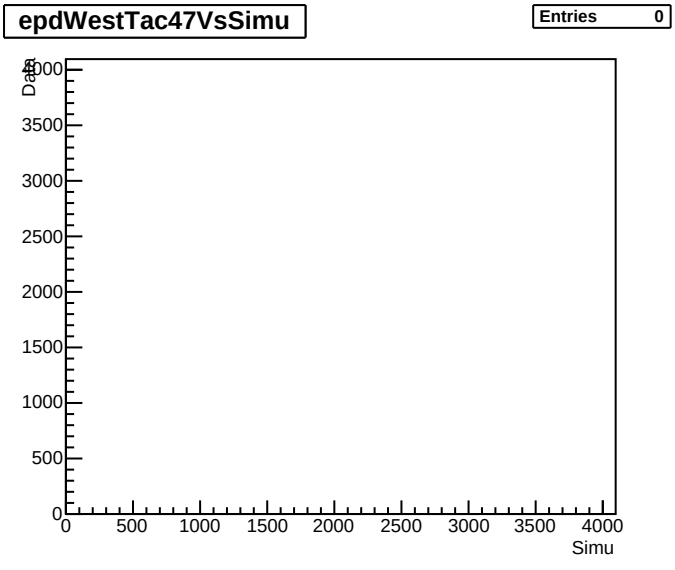
Entries 453595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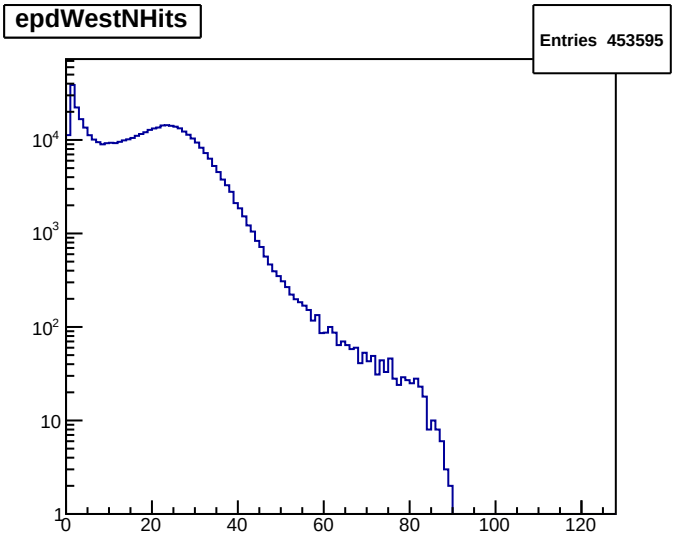
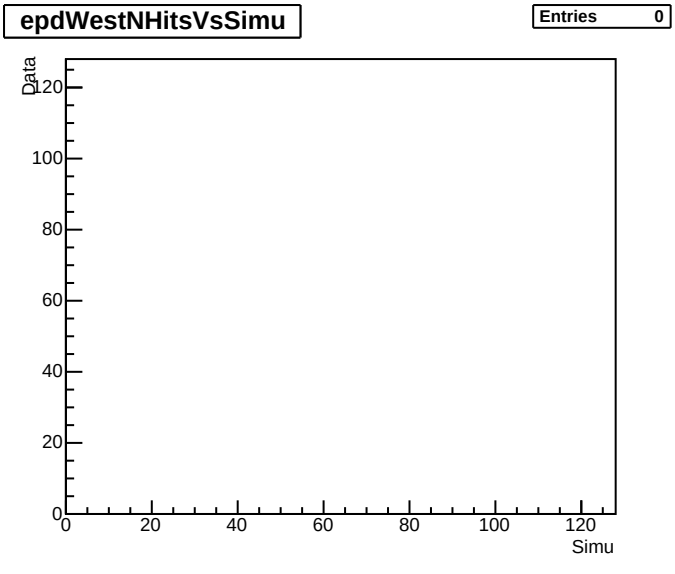
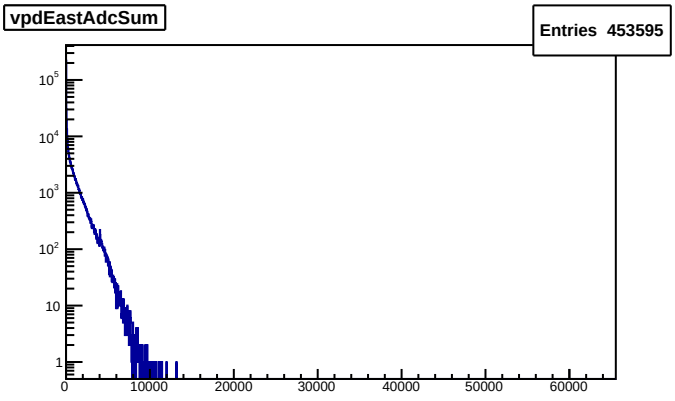
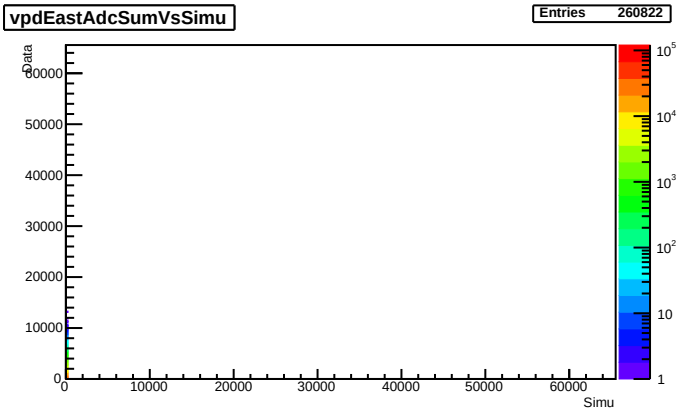
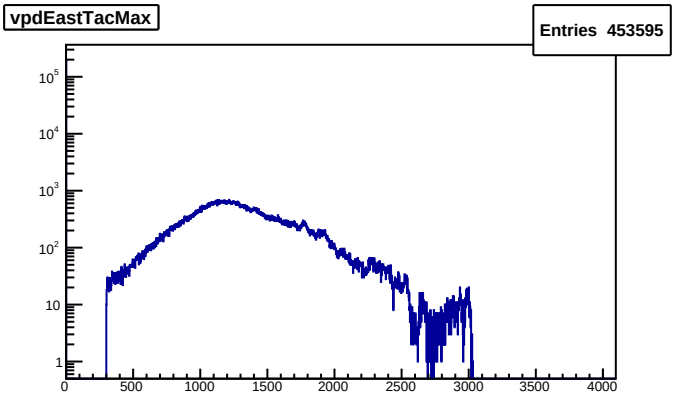
Entries 0
Data
Simu

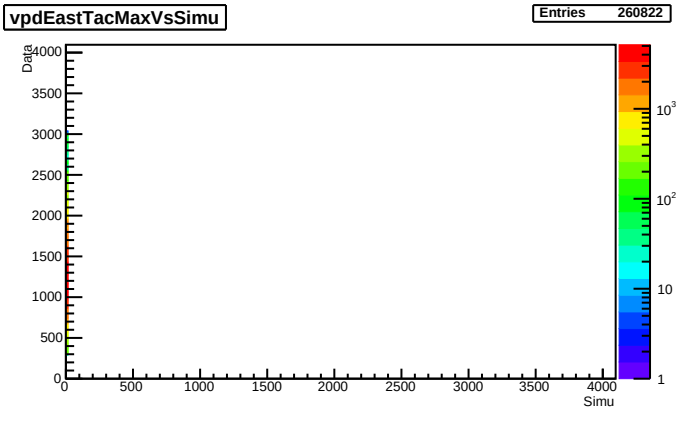

epdWestNHits
Entries 453595

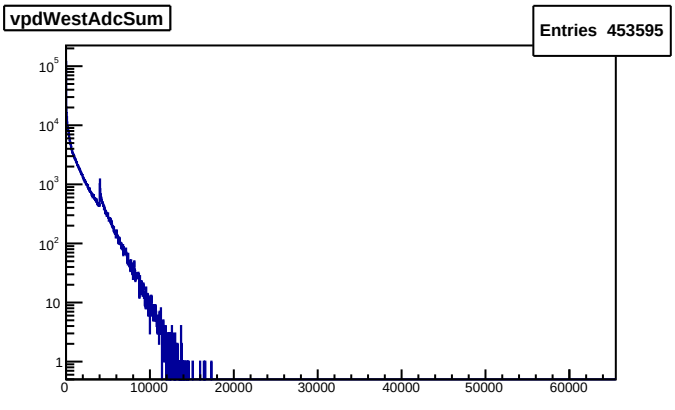

epdWestNHitsVsSimu
Entries 0
Data
Simu

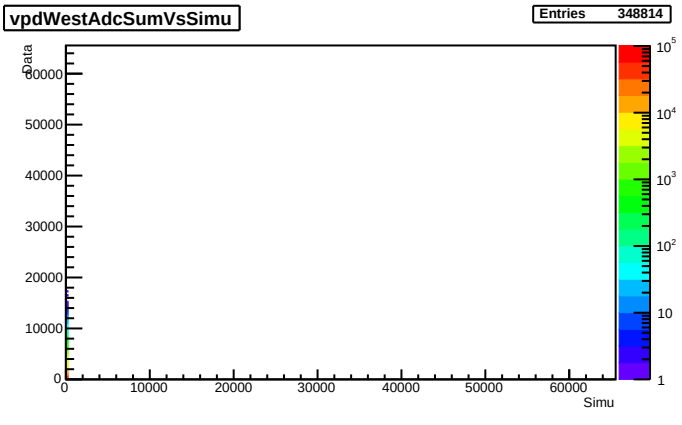

vpdEastAdcSum
Entries 453595

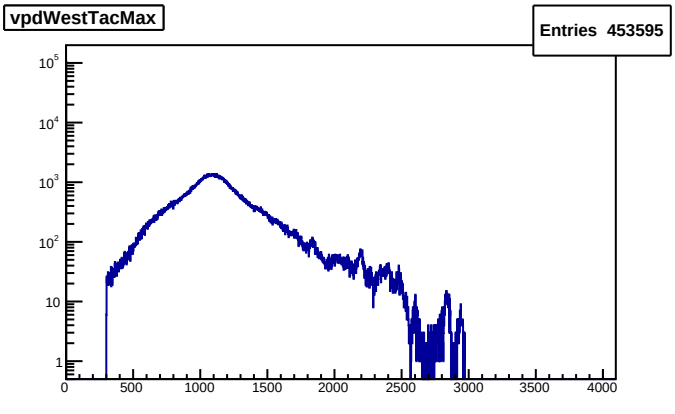

vpdEastAdcSumVsSimu
Entries 260822
Data
Simu

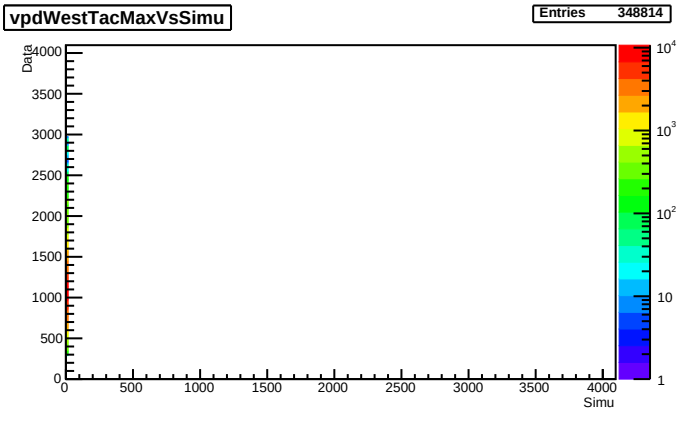

vpdEastTacMax
Entries 453595

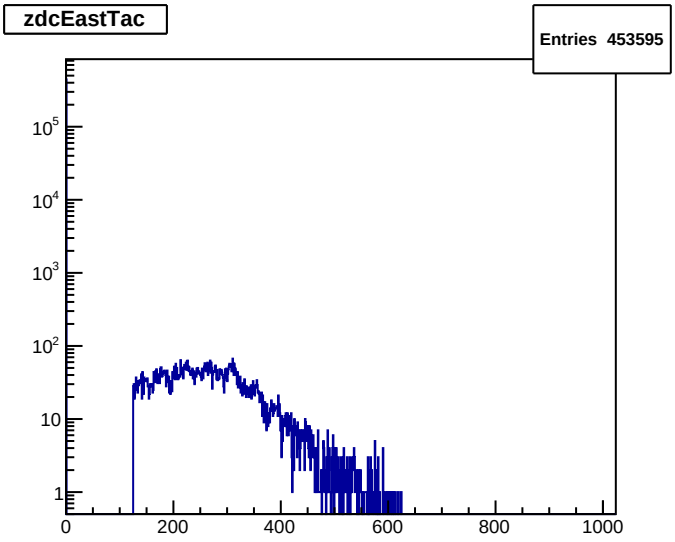

vpdEastTacMaxVsSimu
Entries 260822
Data
Simu

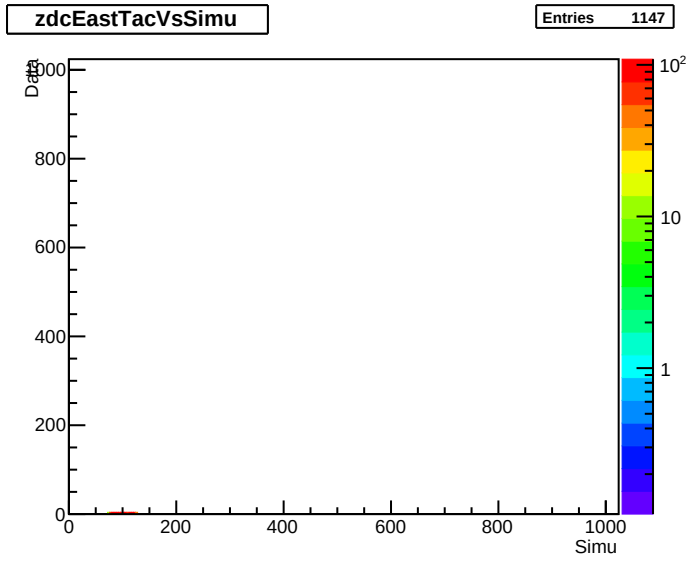

vpdWestAdcSum
Entries 453595

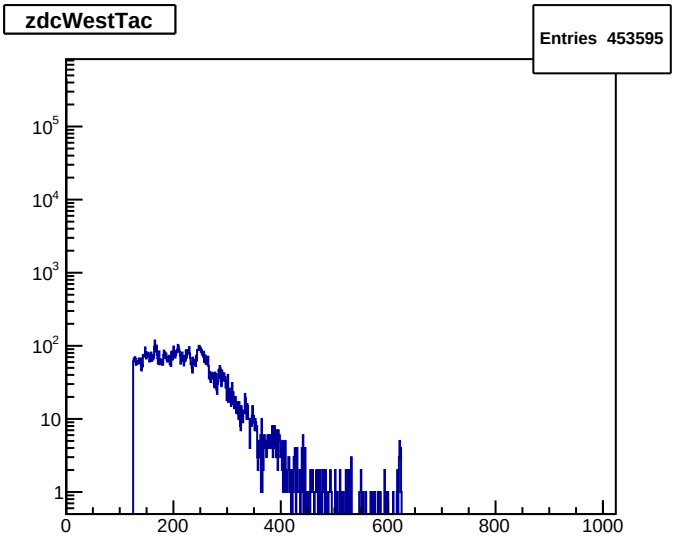

vpdWestAdcSumVsSimu
Entries 348814
Data
Simu

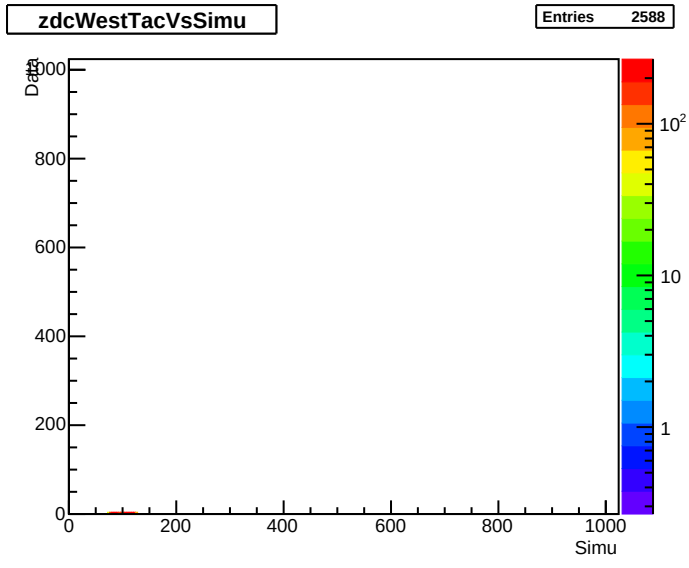

vpdWestTacMax
Entries 453595

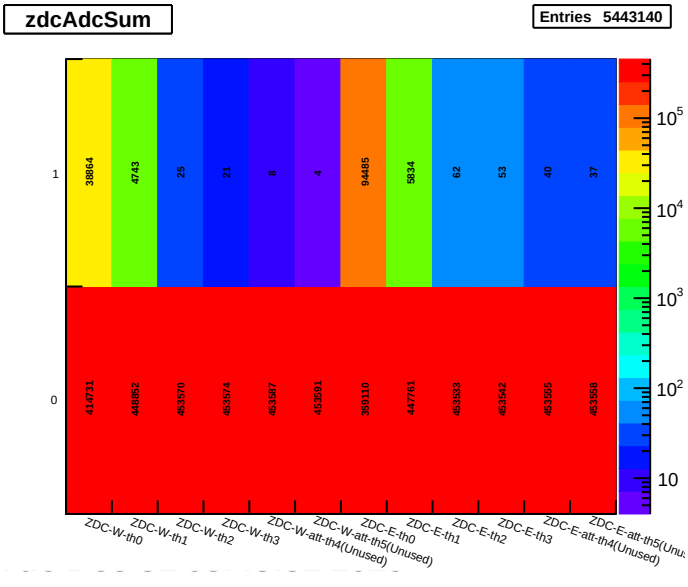

vpdWestTacMaxVsSimu
Entries 348814
Data
Simu

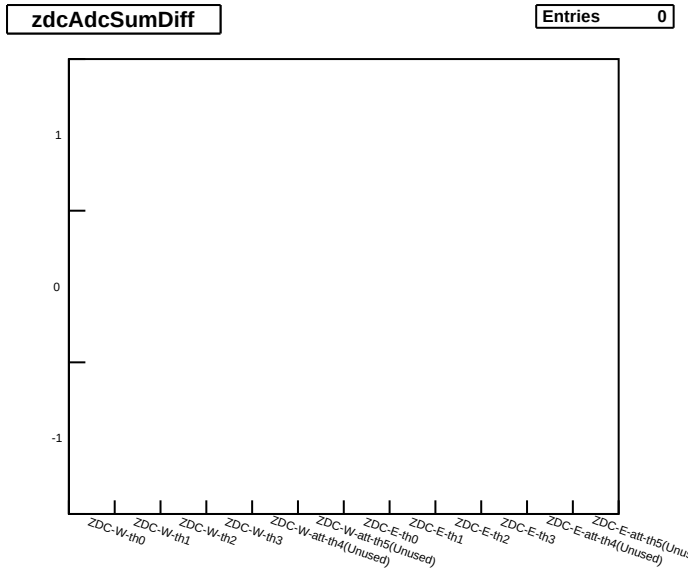

zdcEastTac
Entries 453595


zdcEastTacVsSimu
Entries 1147
Data
Simu


zdcWestTac
Entries 453595


zdcWestTacVsSimu
Entries 2588
Data
Simu


zdcAdcSum
Entries 5443140
38864
4743
25
21
8
4
94485
5834
62
53
40
37
414731
448852
453570
453574
453587
455591
359110
447761
453533
453542
453555
453558
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)
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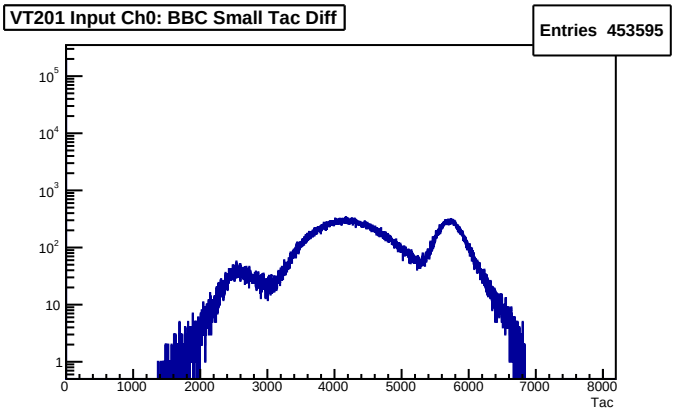
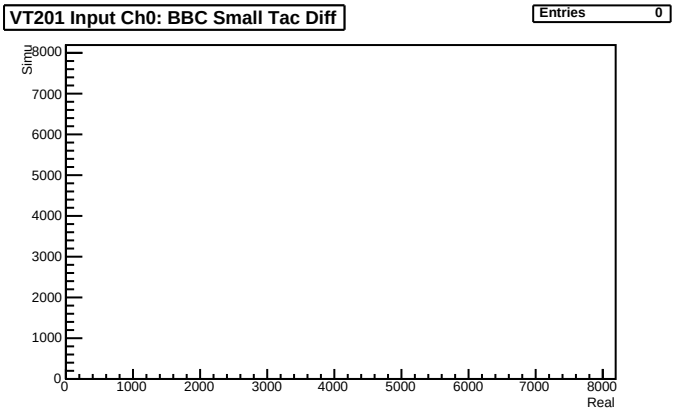
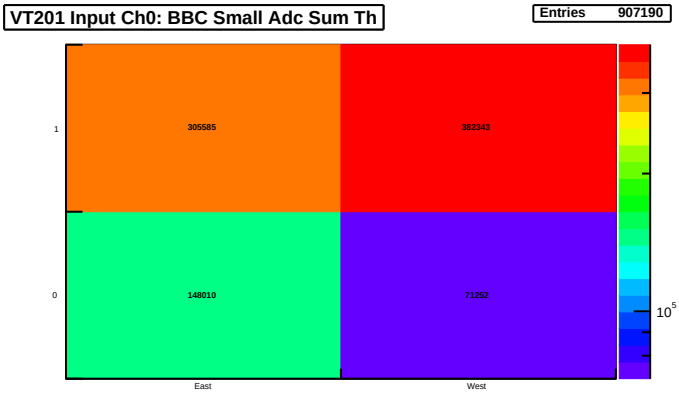
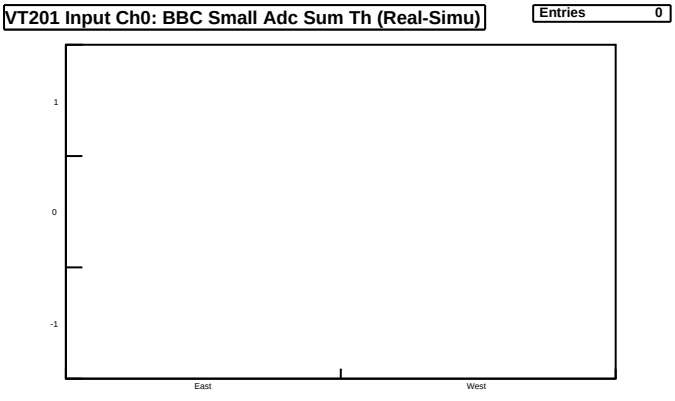
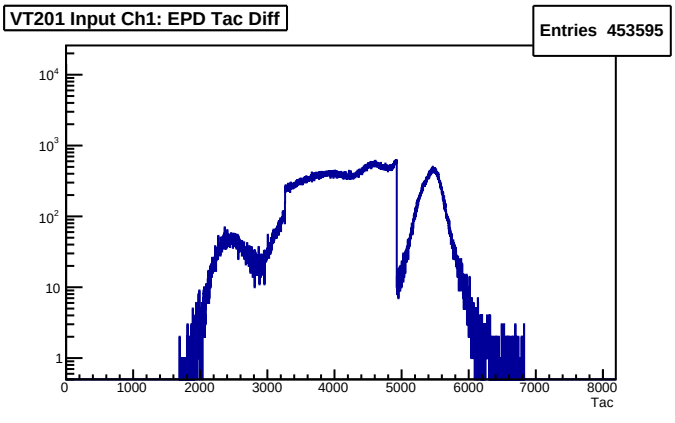
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

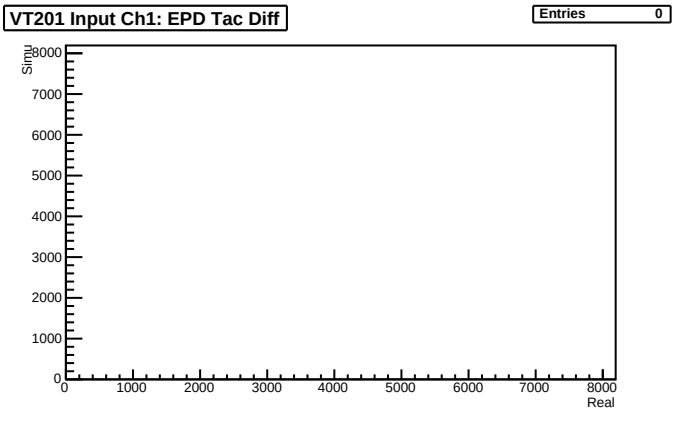

VT201 Input Ch0: BBC Small Tac Diff
Entries 453595
Tac

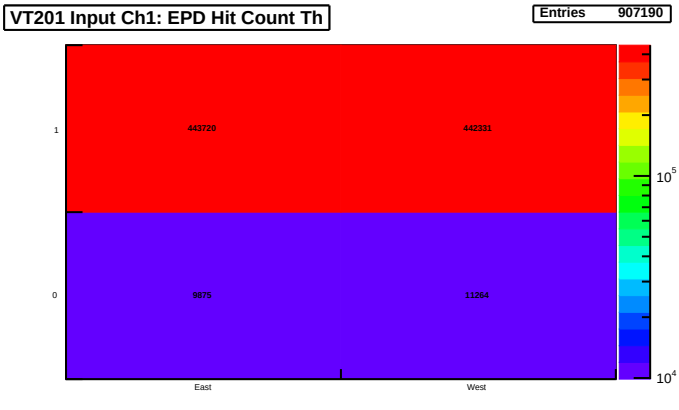

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

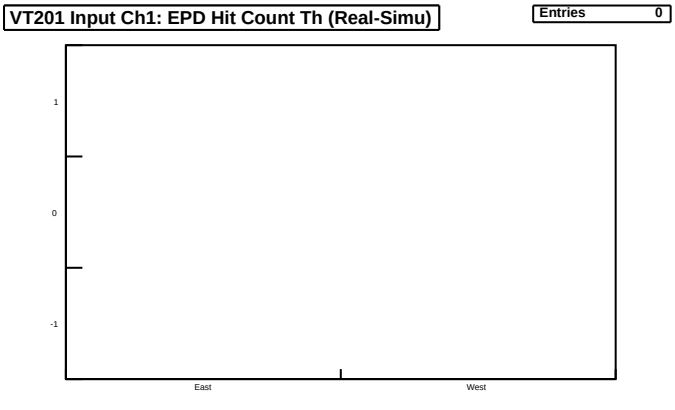

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 907190
305585
382343
148010
71252
East
West

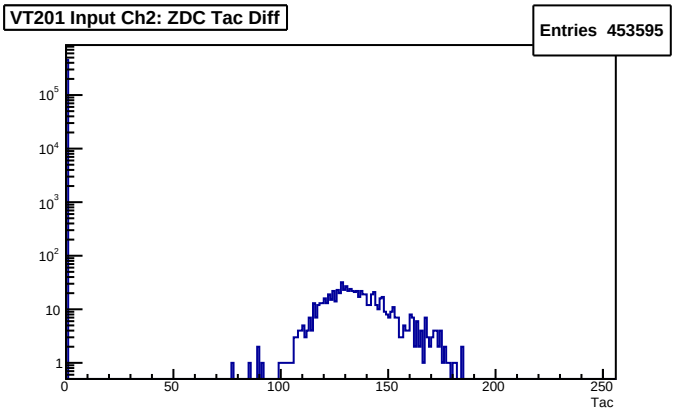

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

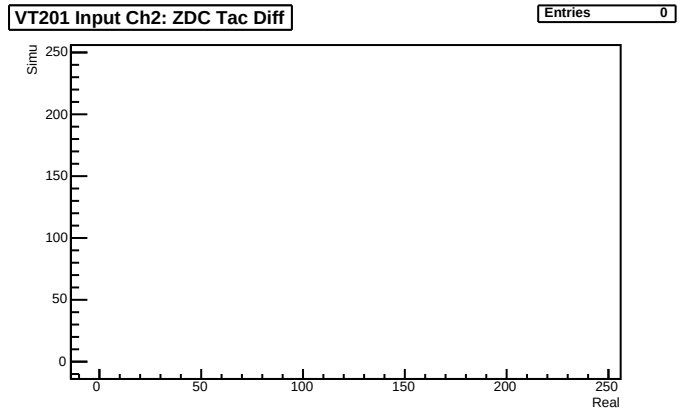

VT201 Input Ch1: EPD Tac Diff
Entries 453595
Tac

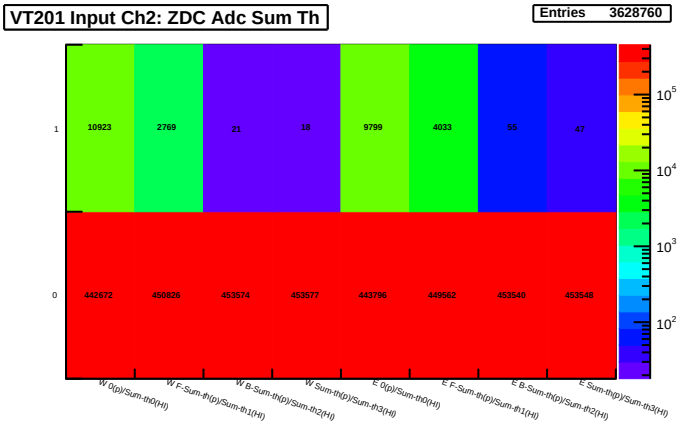

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

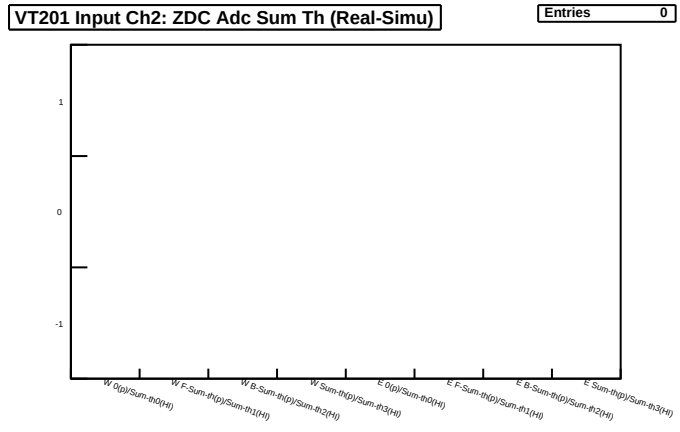

VT201 Input Ch1: EPD Hit Count Th
Entries 907190
443720
442331
9875
11264
East
West

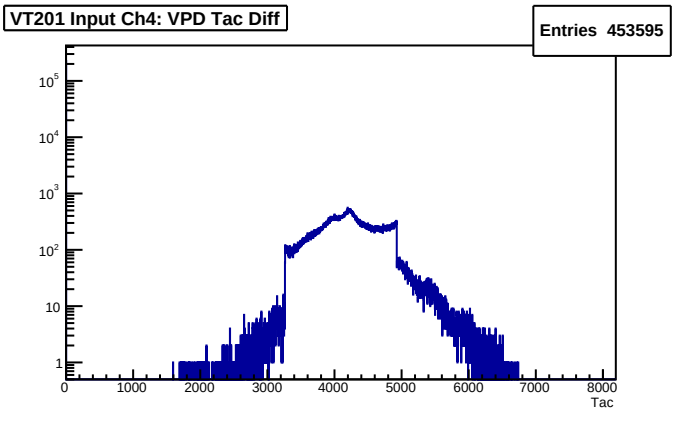

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

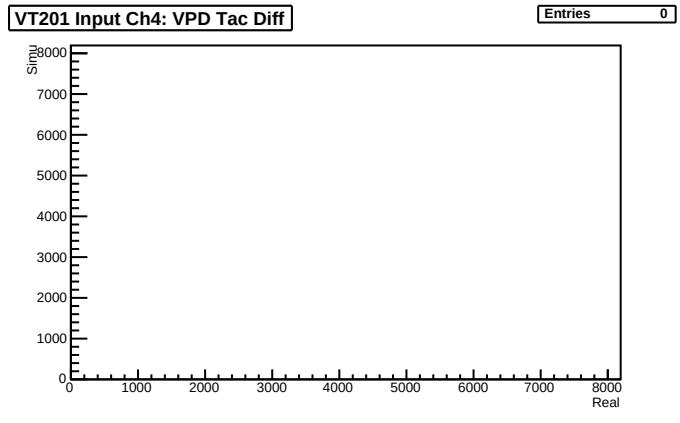

VT201 Input Ch2: ZDC Tac Diff
Entries 453595
Tac

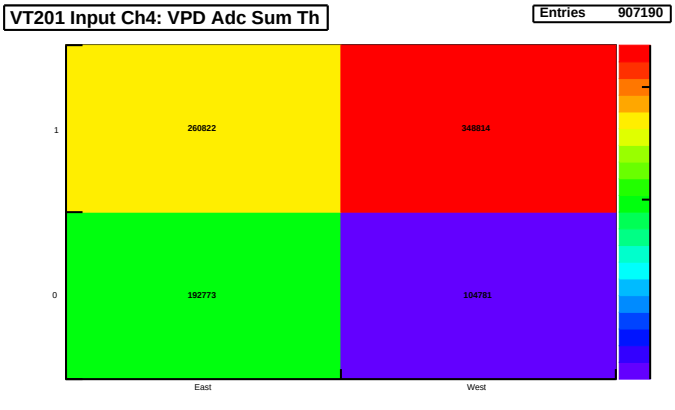

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

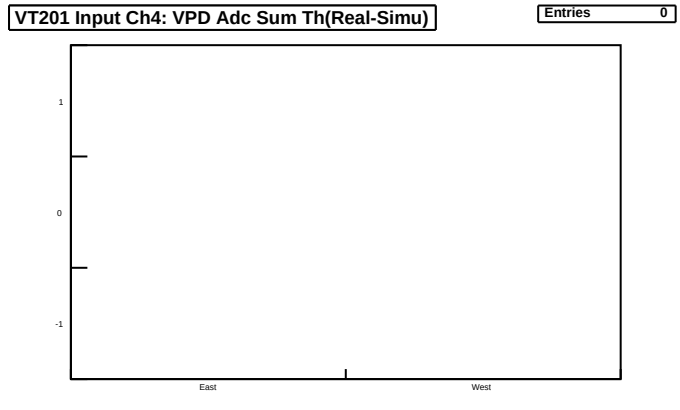

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3628760
10923
2769
21
18
9799
4033
55
47
442672
450826
453574
453577
443796
449562
453540
453548
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

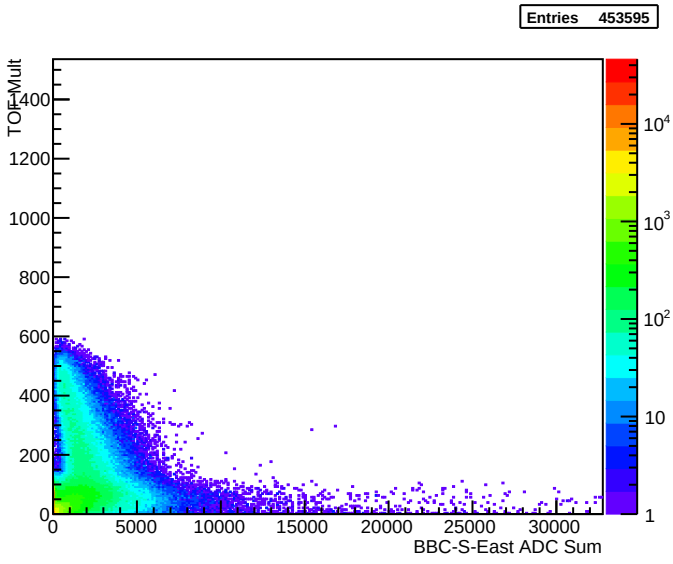

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

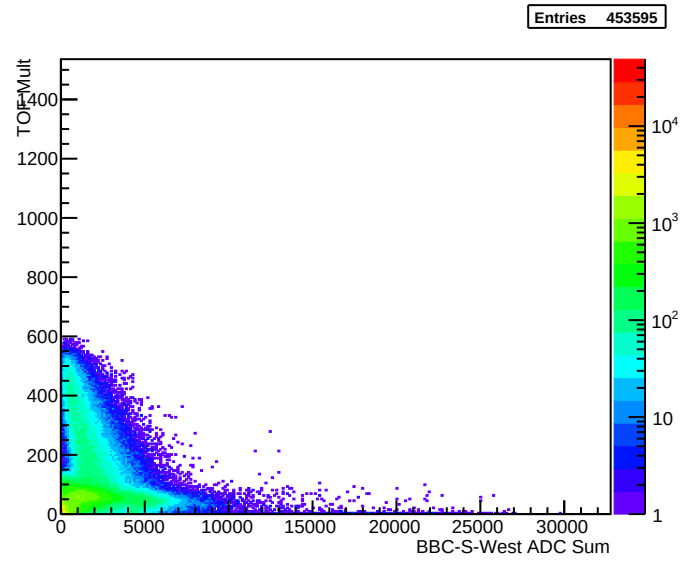

VT201 Input Ch4: VPD Tac Diff
Entries 453595
Tac

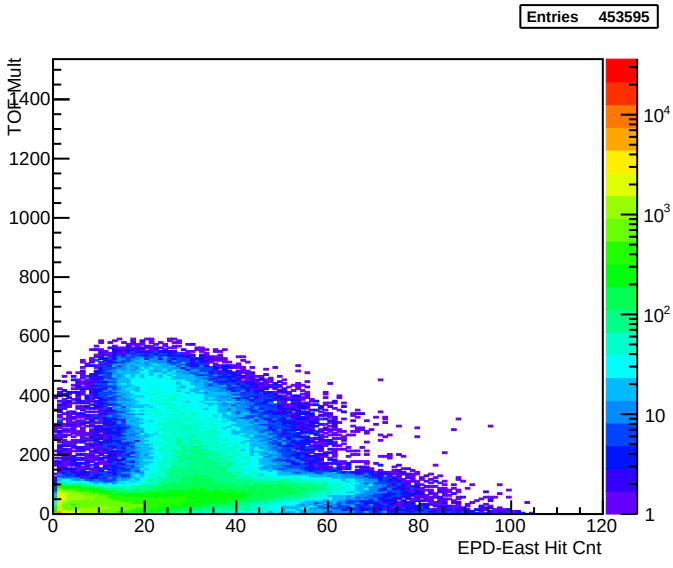

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

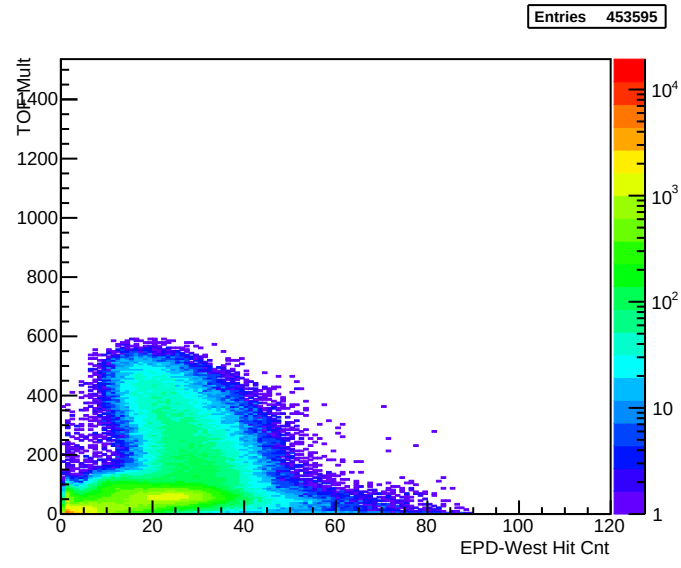

VT201 Input Ch4: VPD Adc Sum Th
Entries 907190
260822
348814
192773
104781
East
West

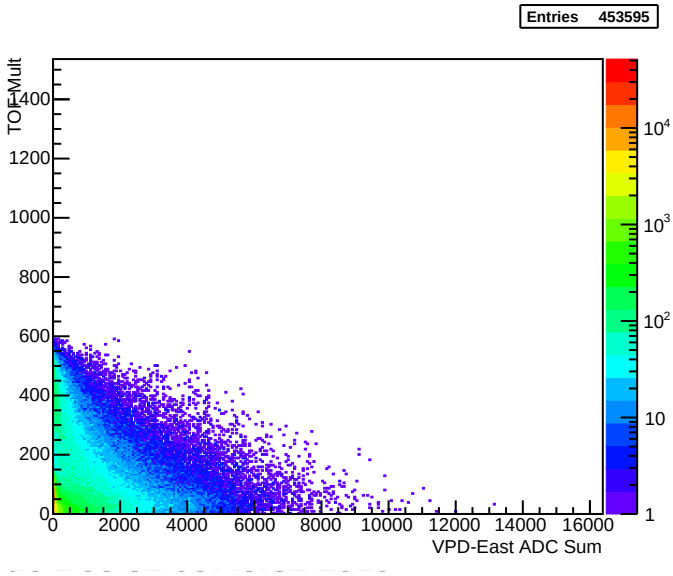

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

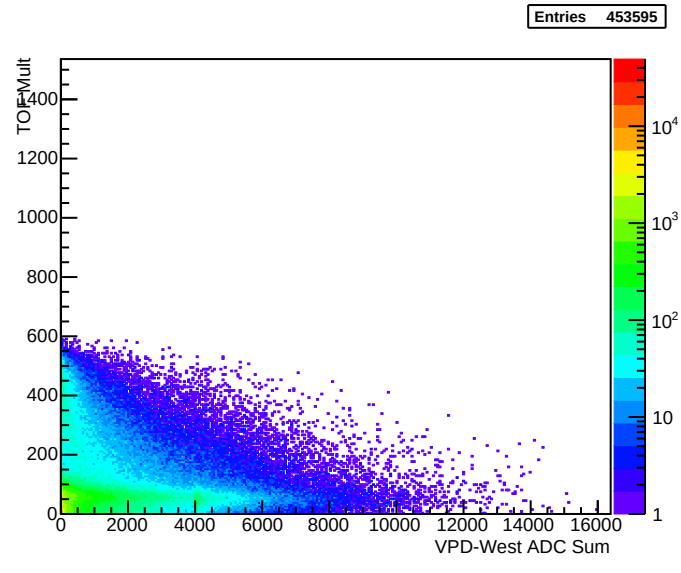

Entries 453595
TOF-Mult
BBC-S-East ADC Sum

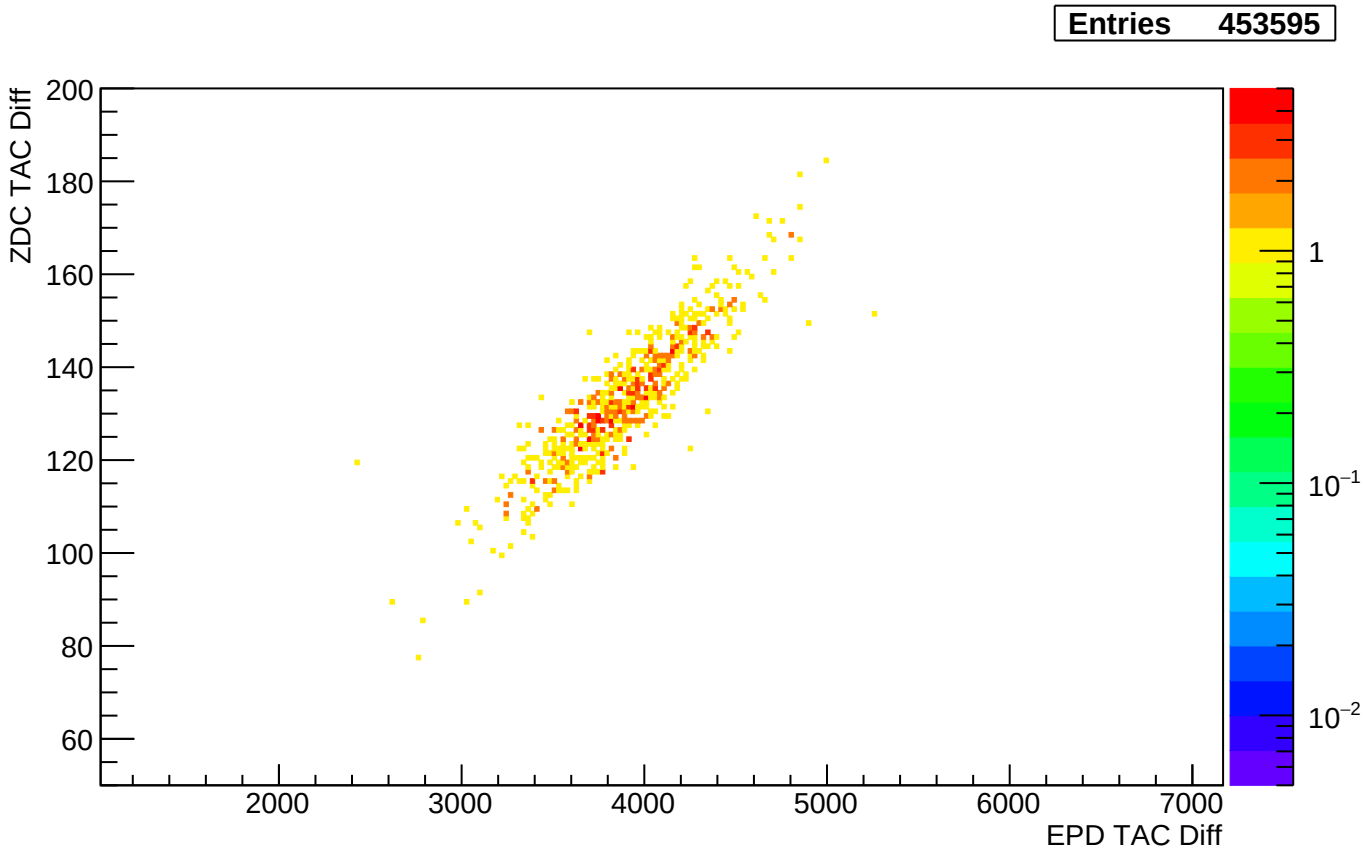

Entries 453595
TOF-Mult
BBC-S-West ADC Sum

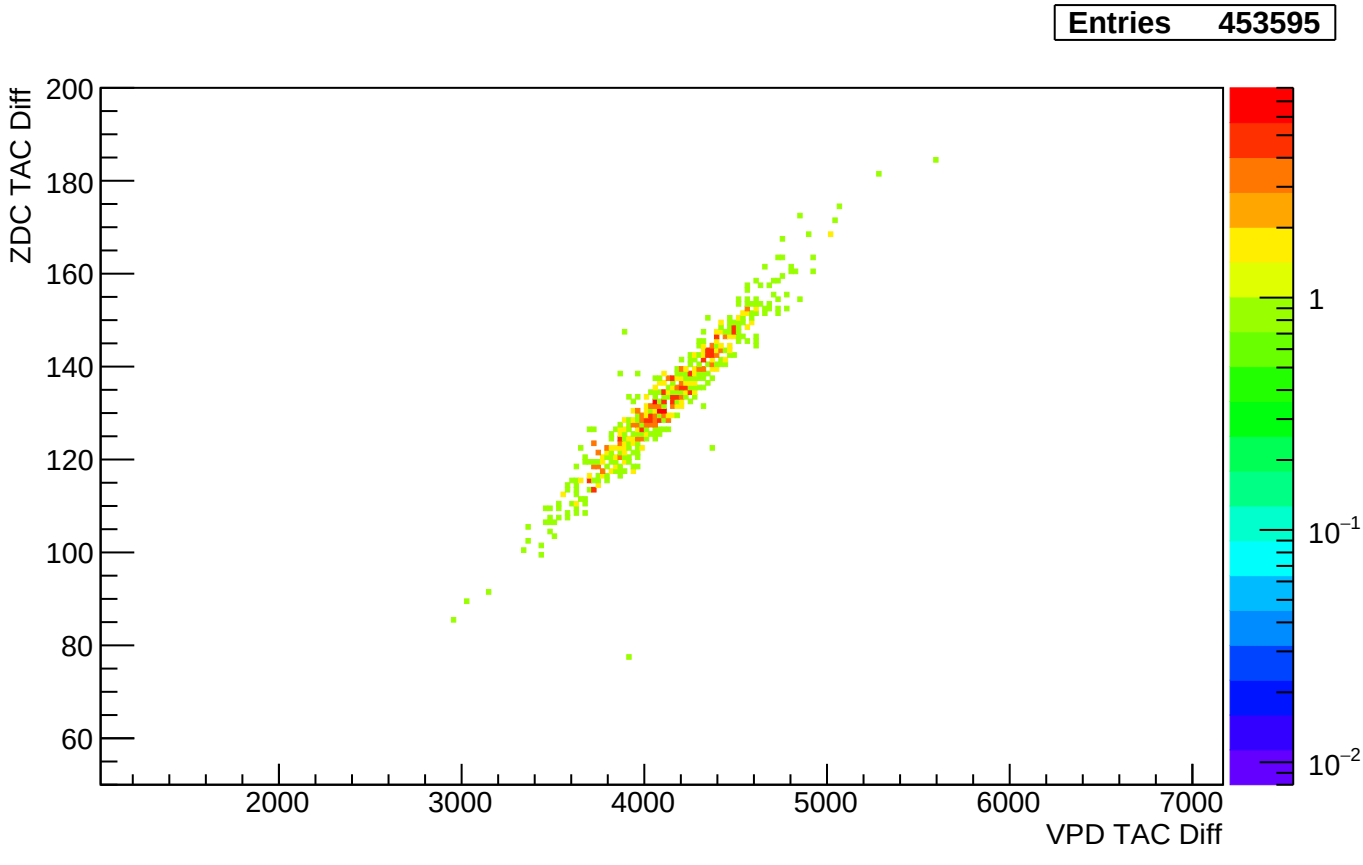

Entries 453595
TOF-Mult
EPD-East Hit Cnt

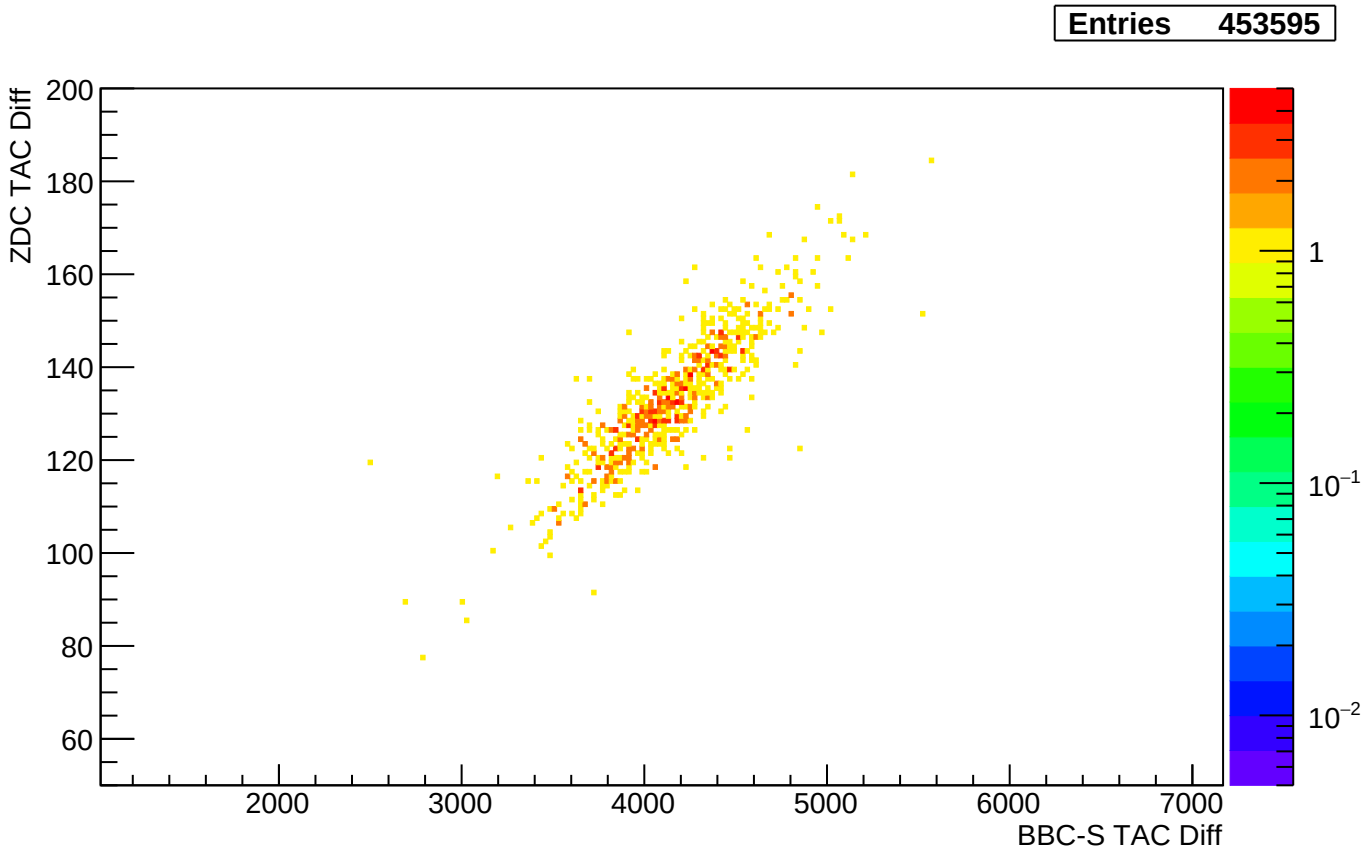

Entries 453595
TOF-Mult
EPD-West Hit Cnt

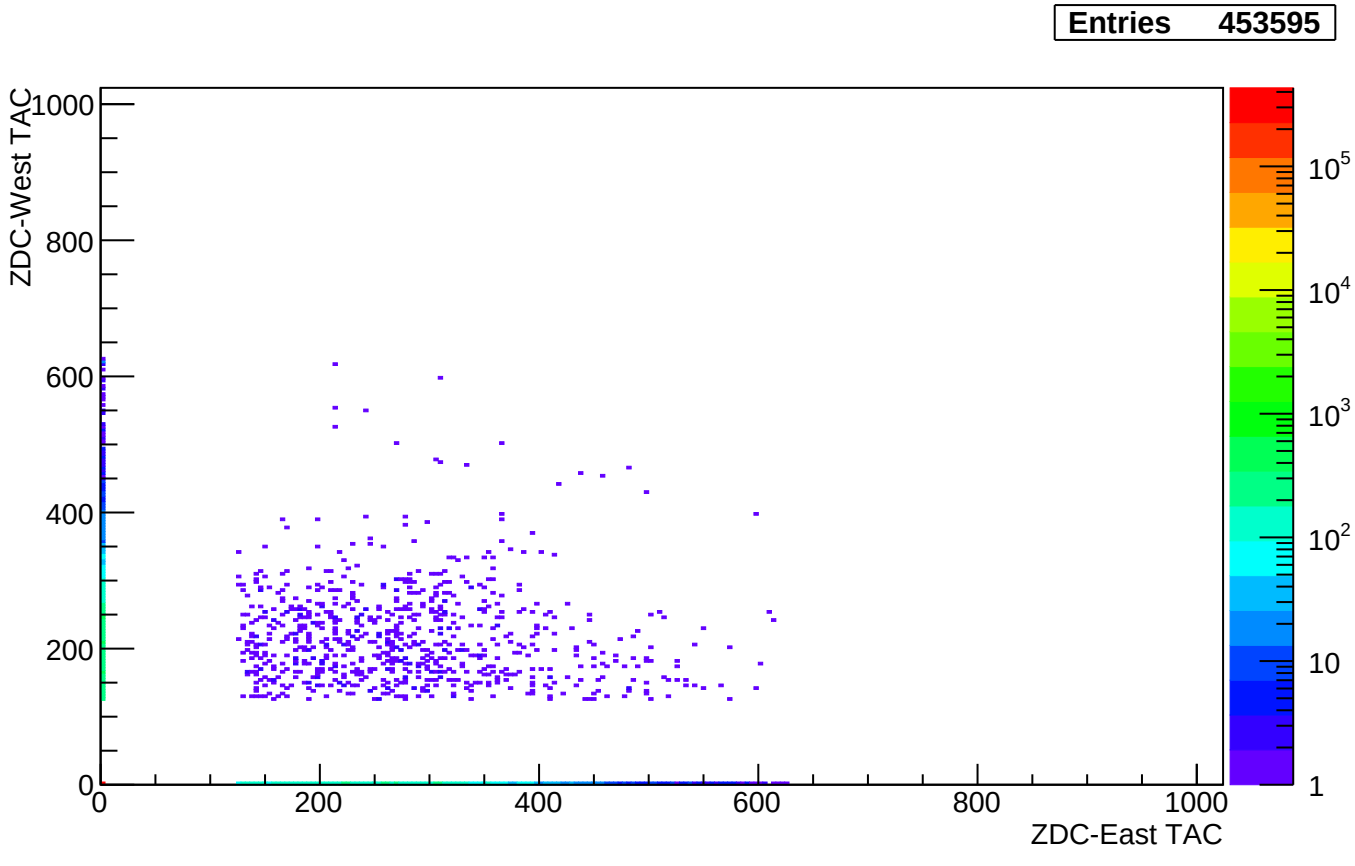

Entries 453595
TOF-Mult
VPD-East ADC Sum

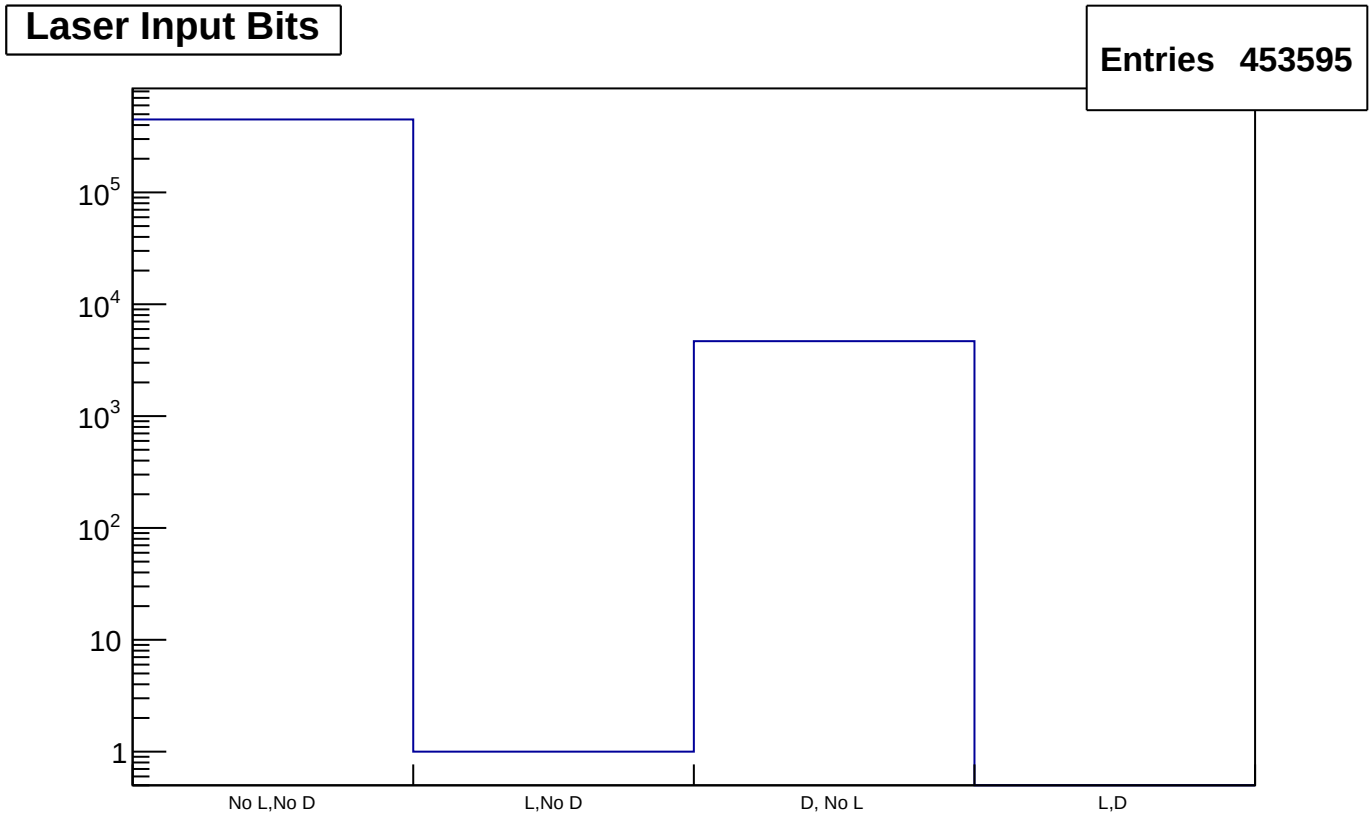

Entries 453595
TOF-Mult
VPD-West ADC Sum

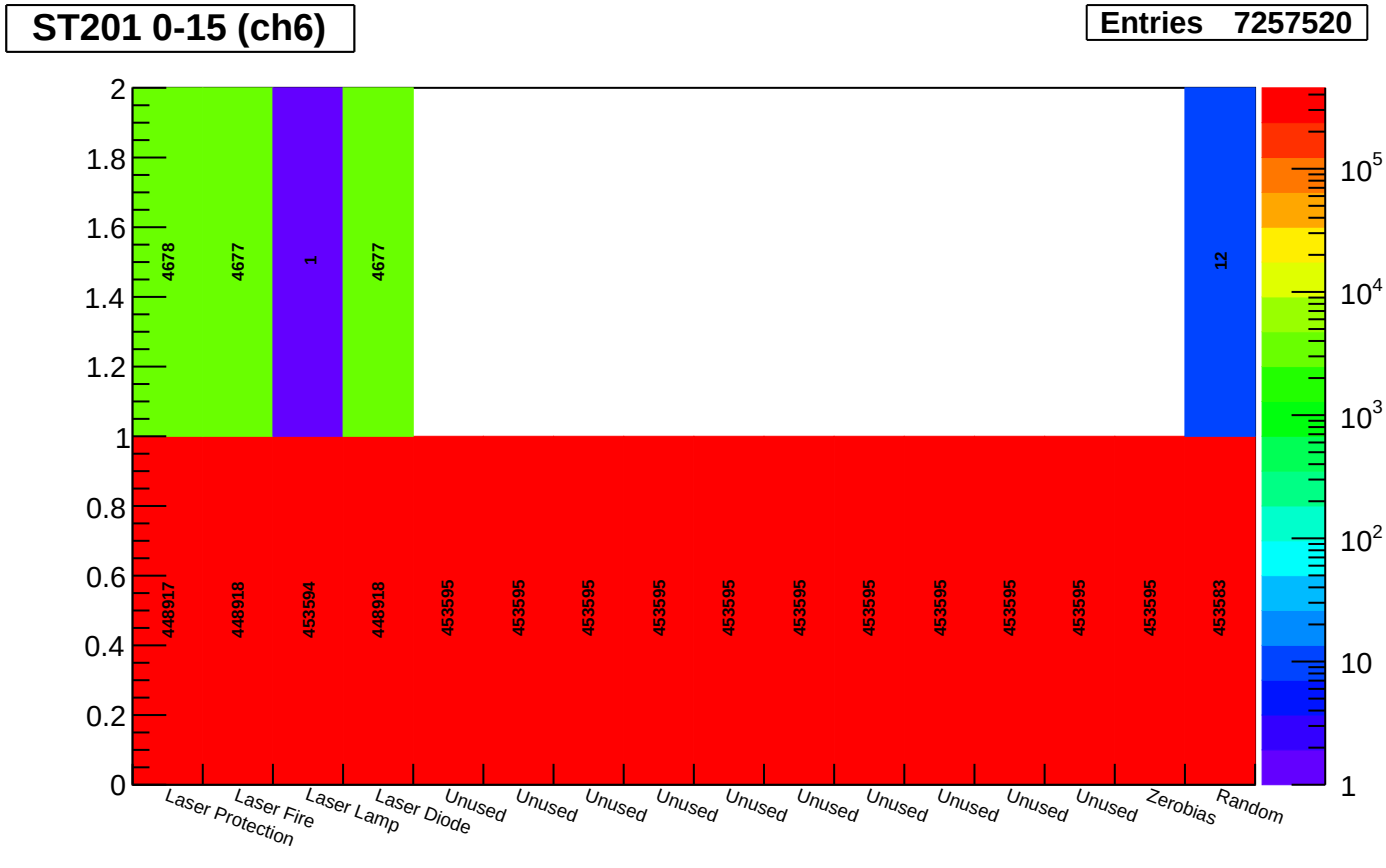

Entries 453595
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

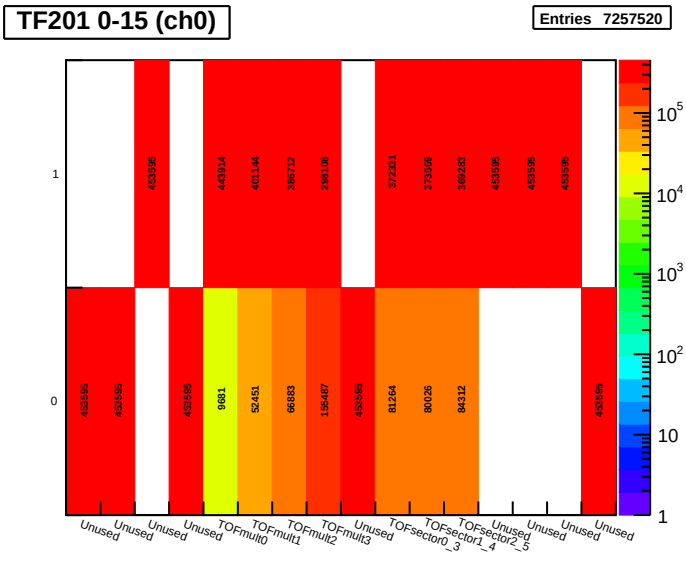

Entries 453595
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

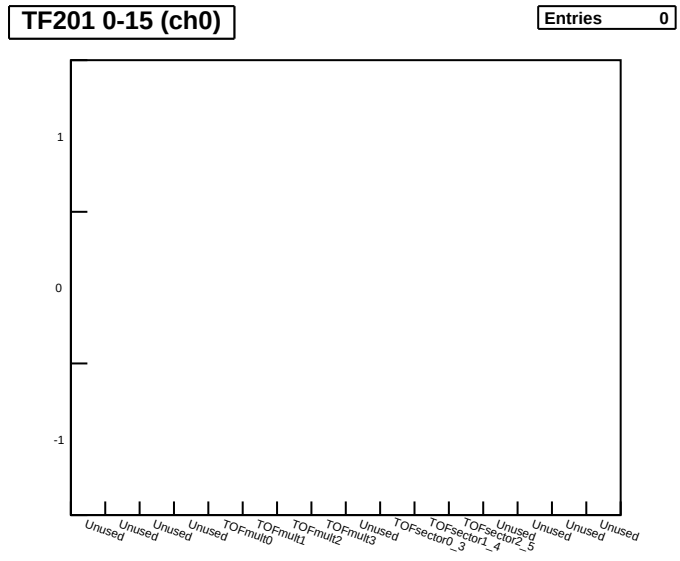

Entries 453595
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

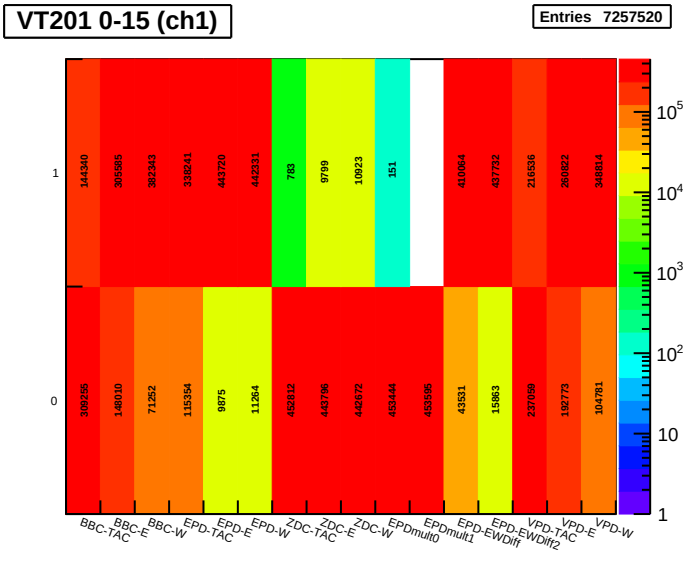

Entries 453595
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

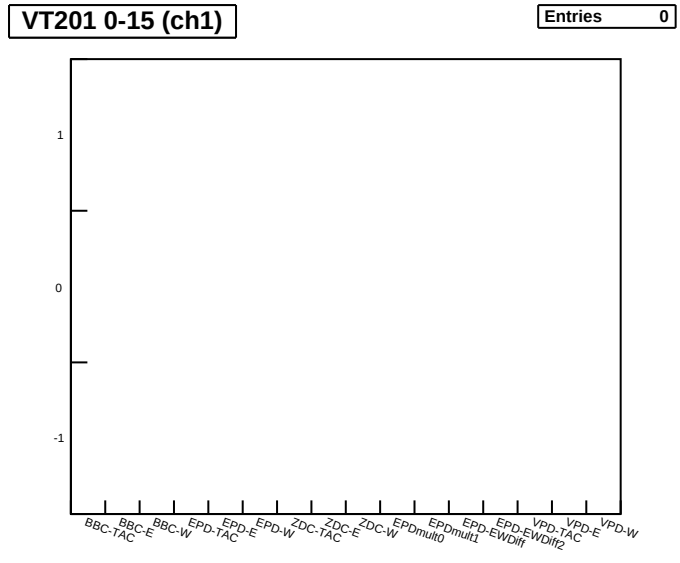

Laser Input Bits
Entries 453595
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

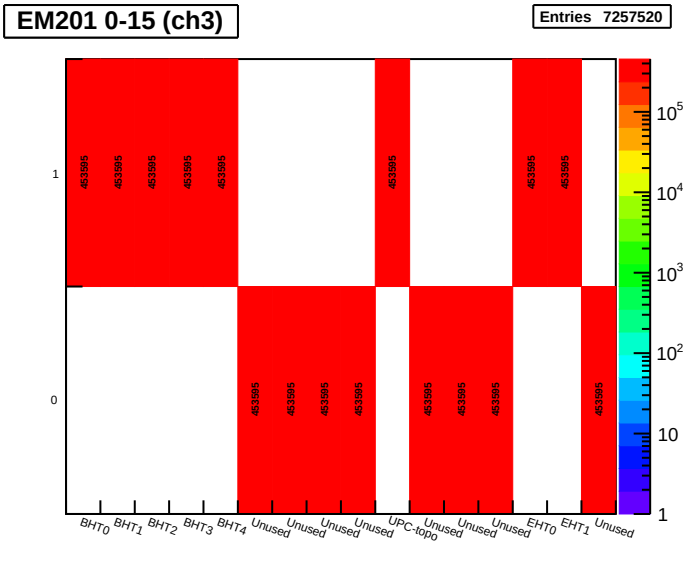

ST201 0-15 (ch6)
Entries 7257520
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4678
4677
1
4677
12
448917
448918
453594
448918
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453583
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

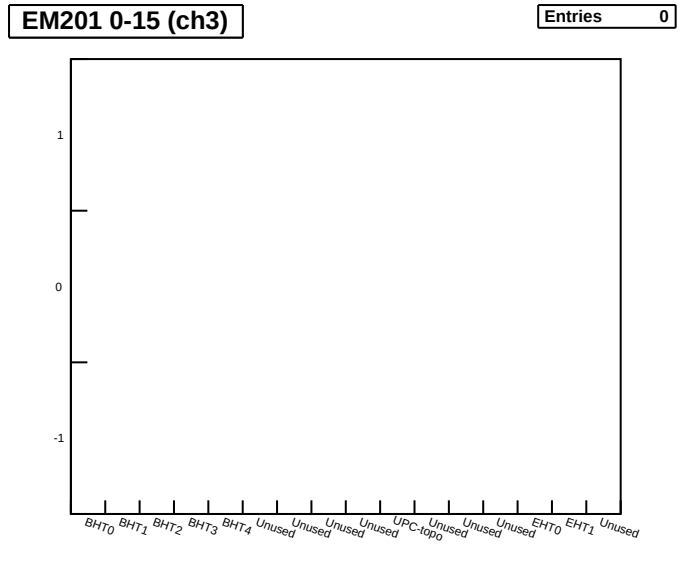

TF201 0-15 (ch0)
Entries 7257520
1
0
453595
443914
400144
386712
298108
372331
372569
369283
453595
453595
453595
453595
453595
453595
9681
52451
66883
155487
453595
81264
80026
84312
453595
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7257520
1
0
144340
305585
362343
338241
443720
442331
783
9799
10923
151
410064
437732
216556
260822
348814
309255
148010
71252
115354
9675
11264
452812
443796
442672
453444
453595
43531
15863
237059
192773
104781
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 7257520
1
0
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
453595
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