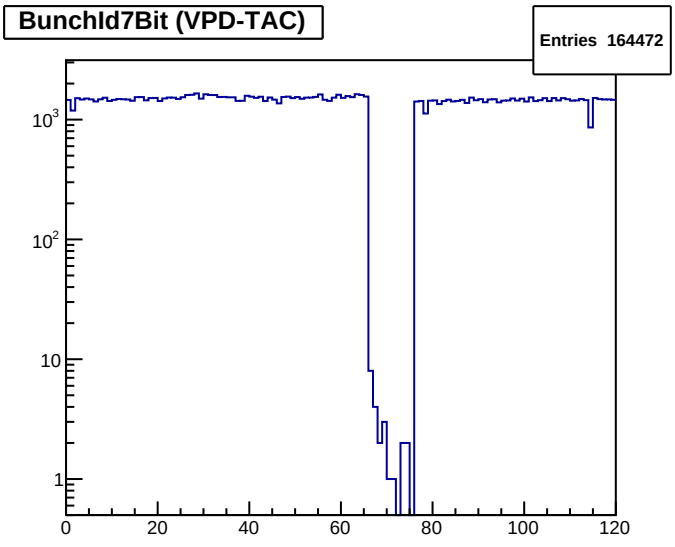
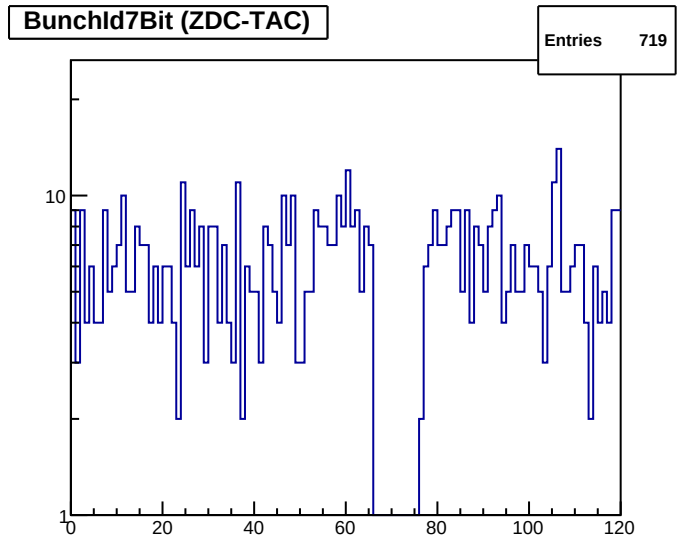
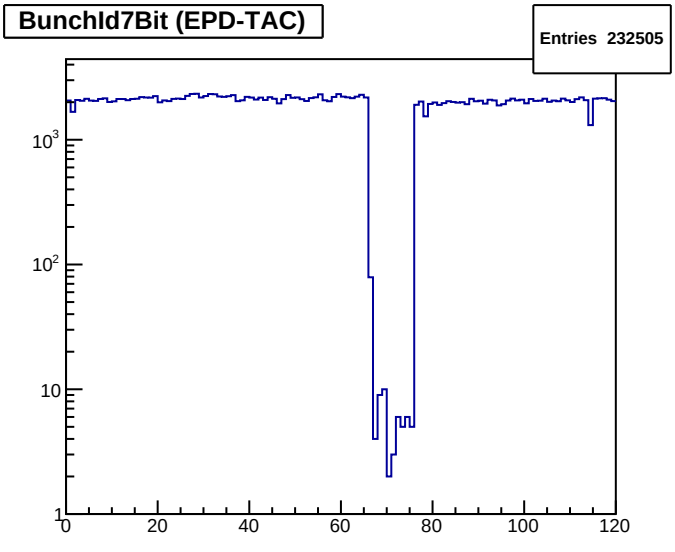
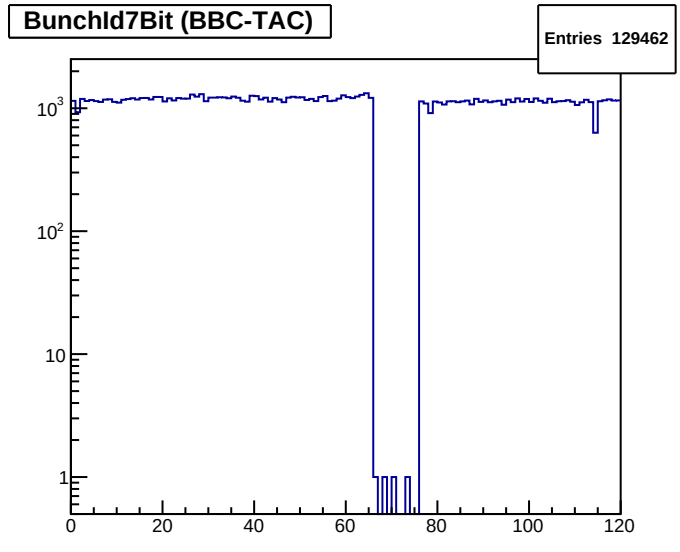
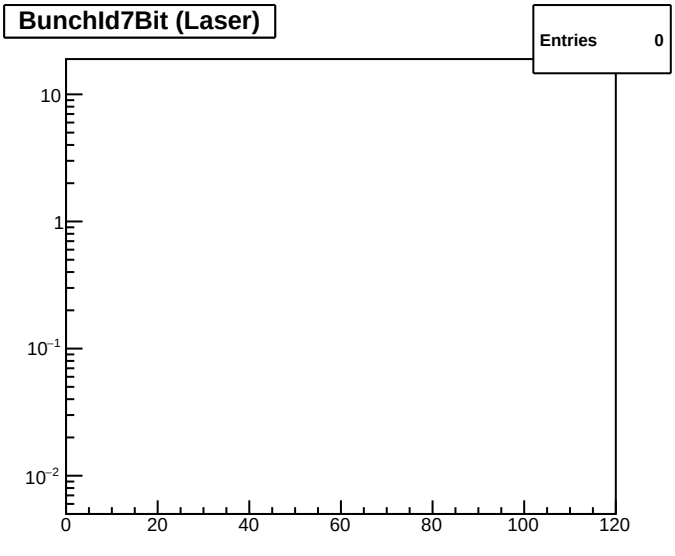
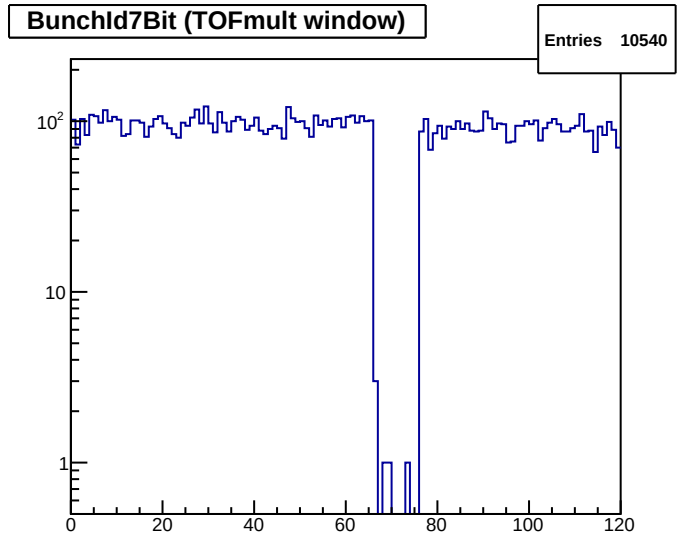

BunchId7Bit (VPD-TAC)
Entries 164472

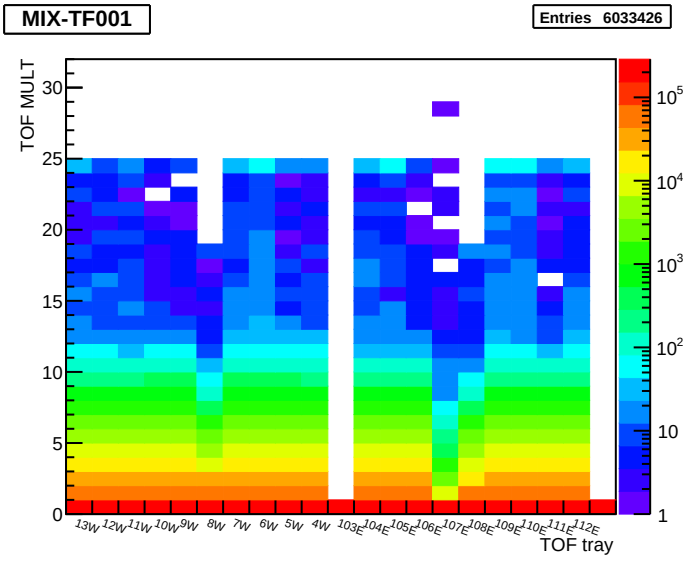

BunchId7Bit (ZDC-TAC)
Entries 719

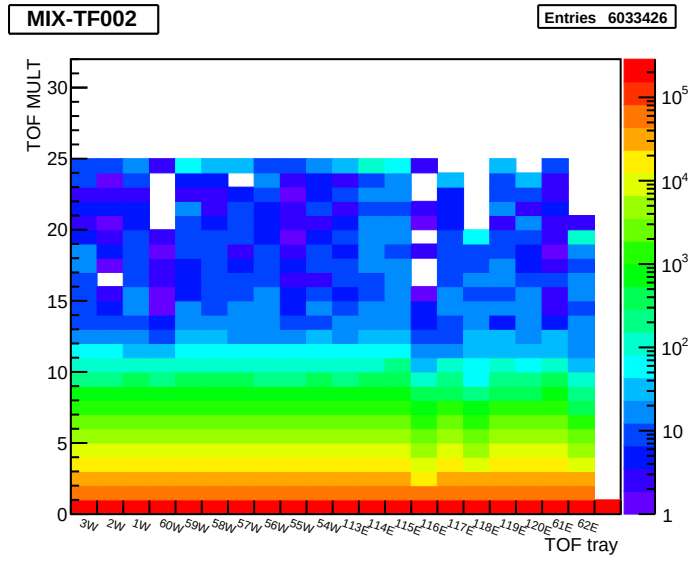

BunchId7Bit (EPD-TAC)
Entries 232505

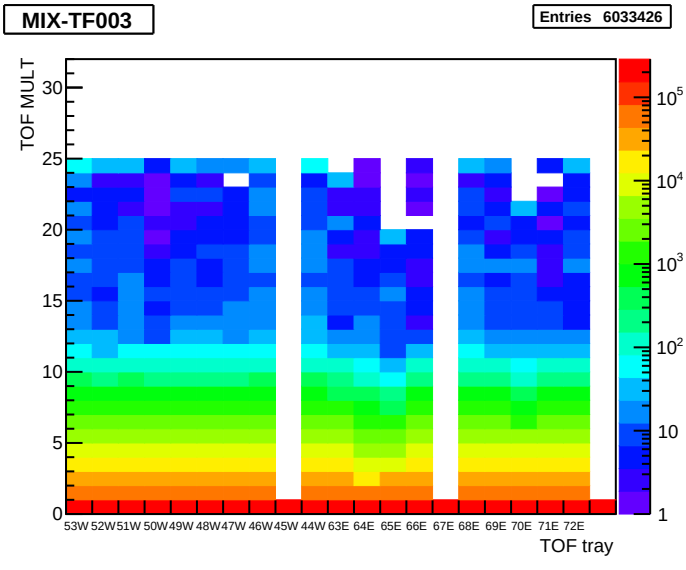

BunchId7Bit (BBC-TAC)
Entries 129462

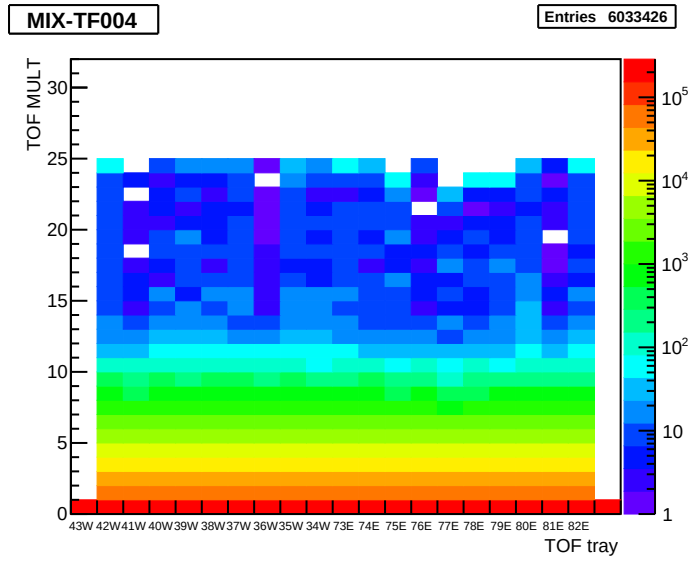

BunchId7Bit (Laser)
Entries 0

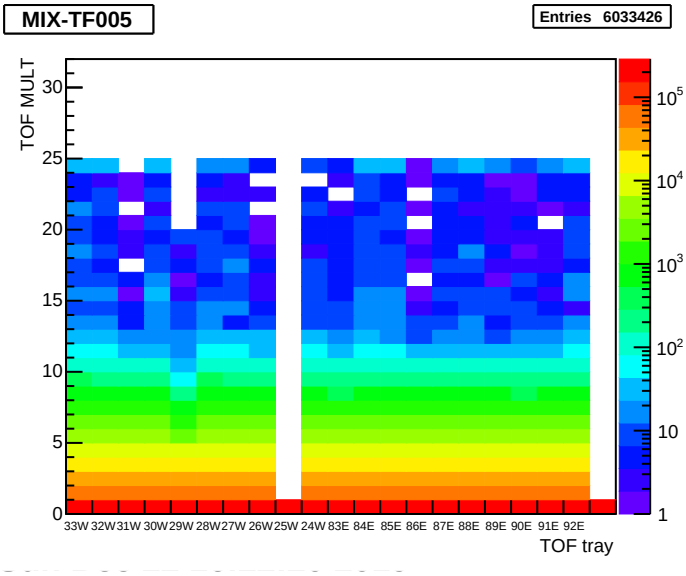

BunchId7Bit (TOFmult window)
Entries 10540

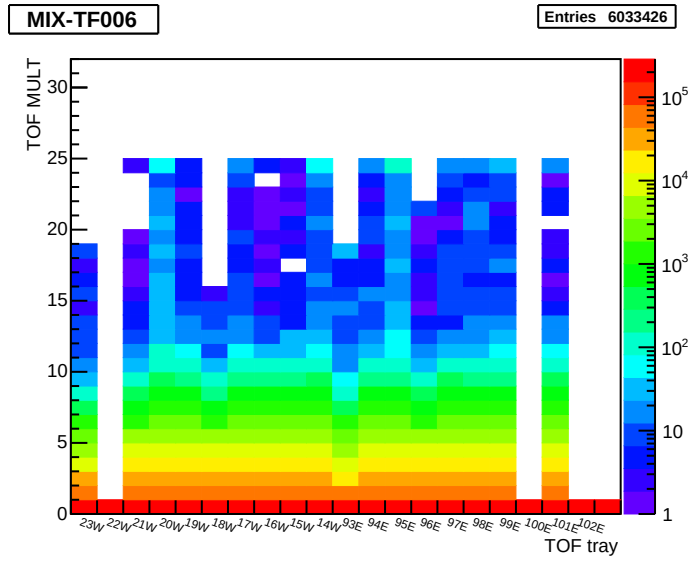

MIX-TF001
Entries 6033426
TOF MULT
TOF tray

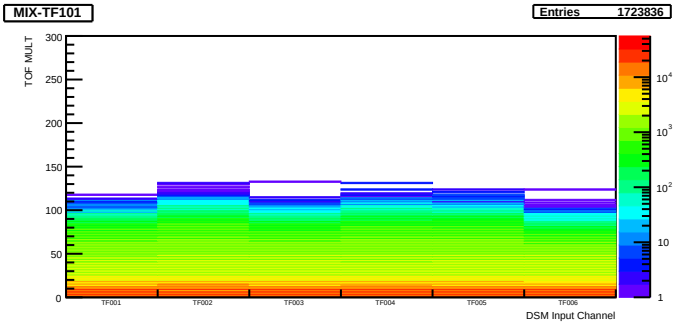

MIX-TF002
Entries 6033426
TOF MULT
TOF tray

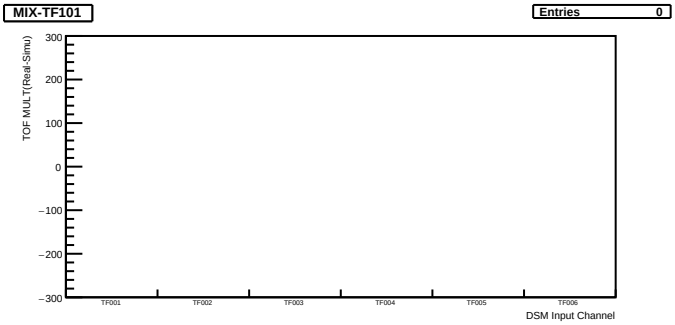

MIX-TF003
Entries 6033426
TOF MULT
TOF tray

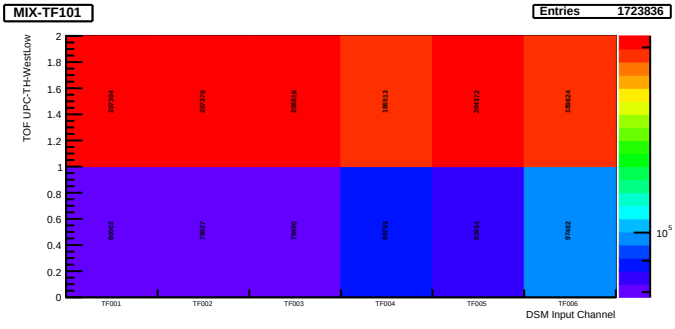

MIX-TF004
Entries 6033426
TOF MULT
TOF tray

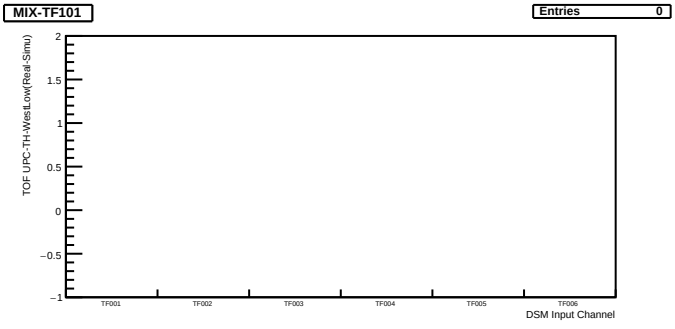

MIX-TF005
Entries 6033426
TOF MULT
TOF tray

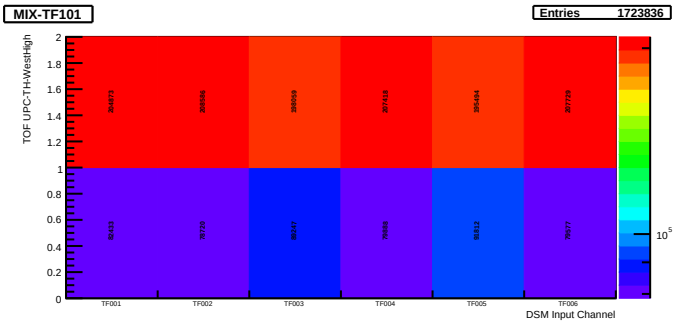

MIX-TF006
Entries 6033426
TOF MULT
TOF tray

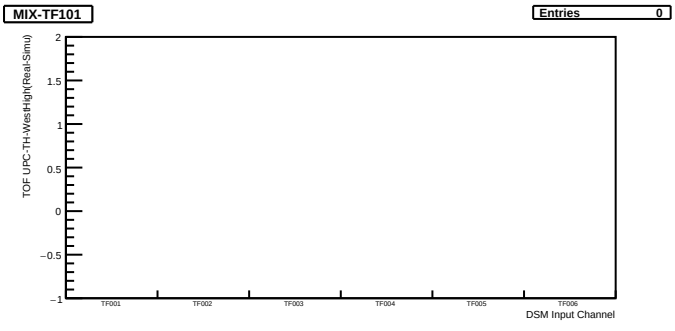

MIX-TF101
Entries 1723836
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

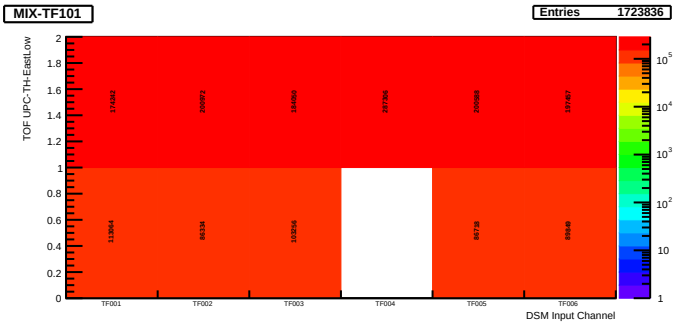

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

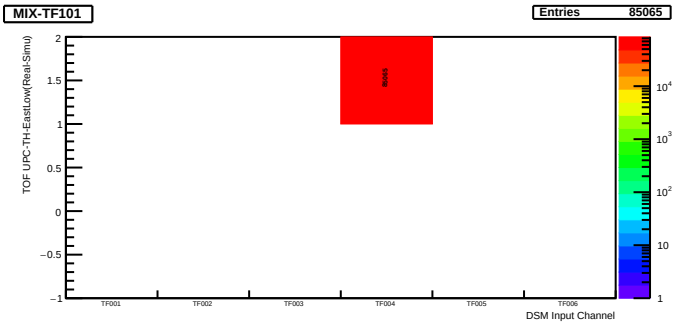

MIX-TF101
Entries 1723836
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

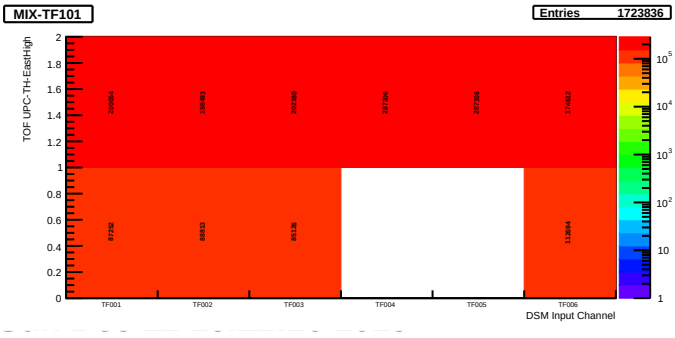

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

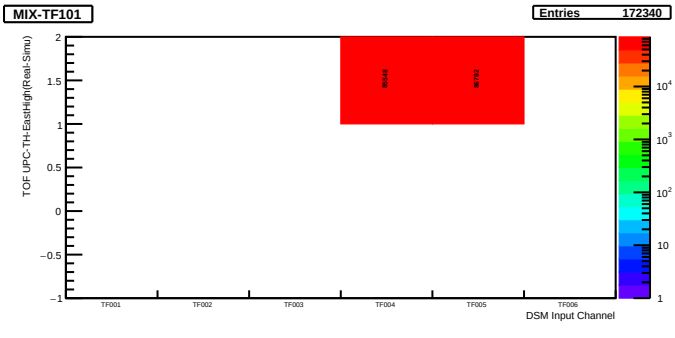

MIX-TF101
Entries 1723836
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

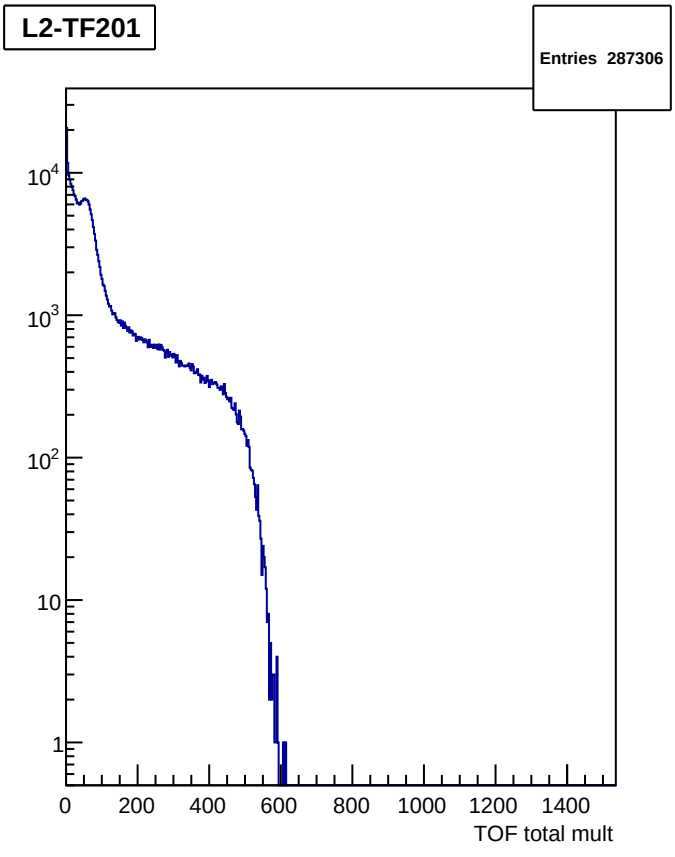

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

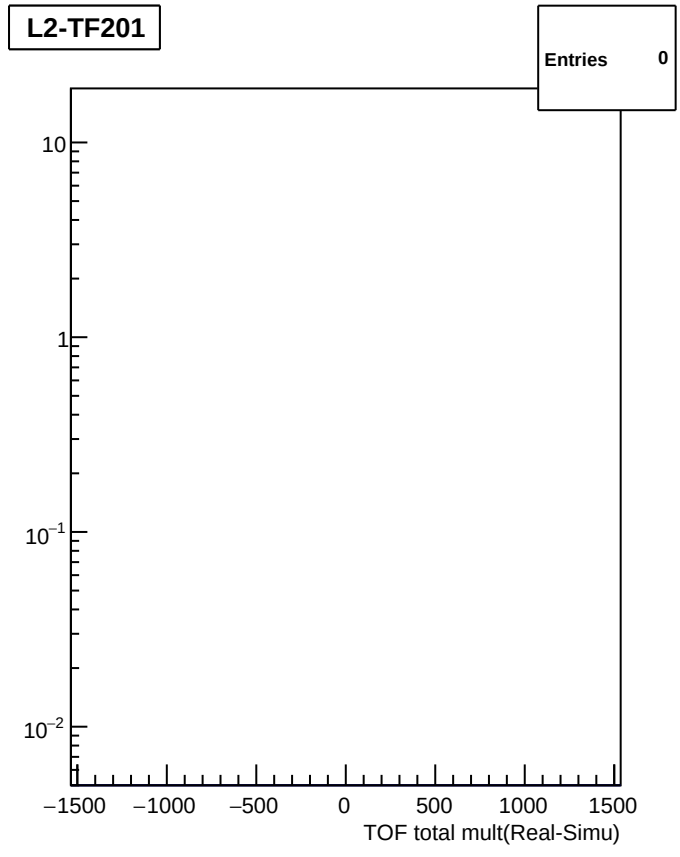

MIX-TF101
Entries 1723836
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

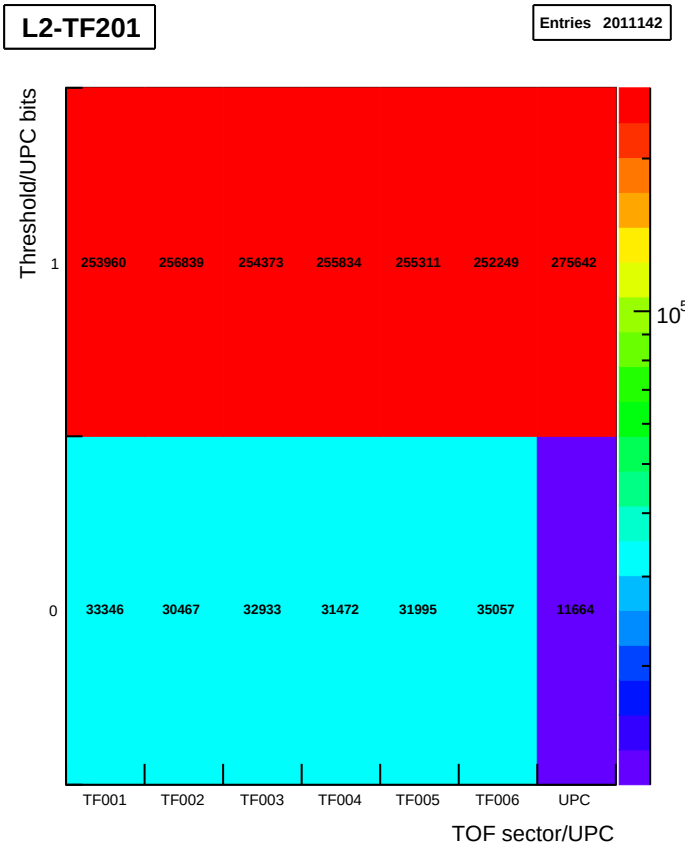

MIX-TF101
Entries 85065
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

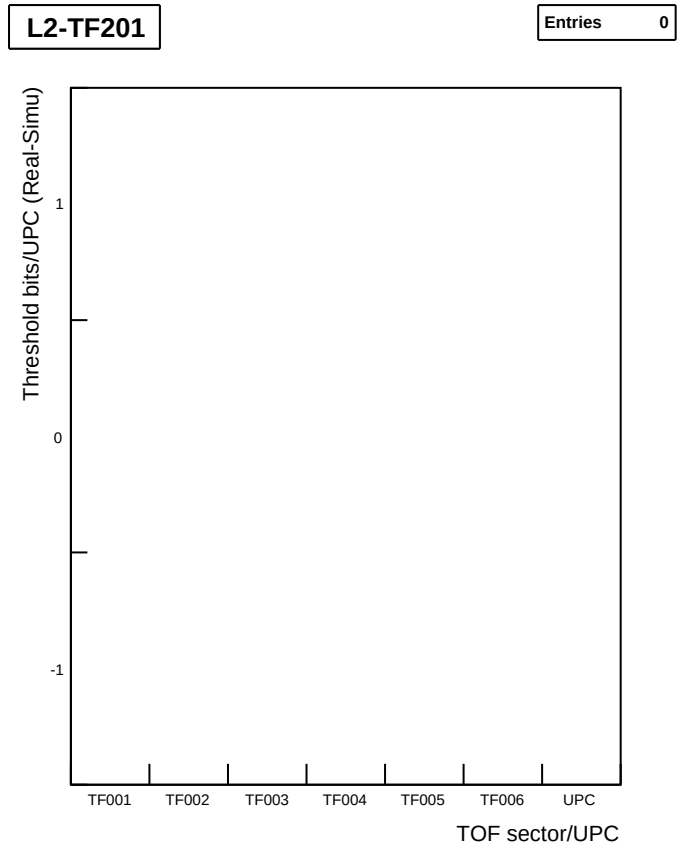

MIX-TF101
Entries 1723836
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

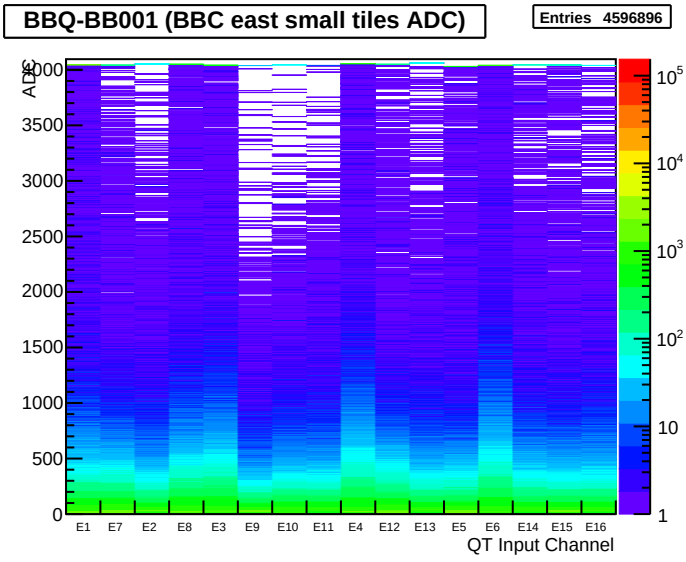

MIX-TF101
Entries 172340
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

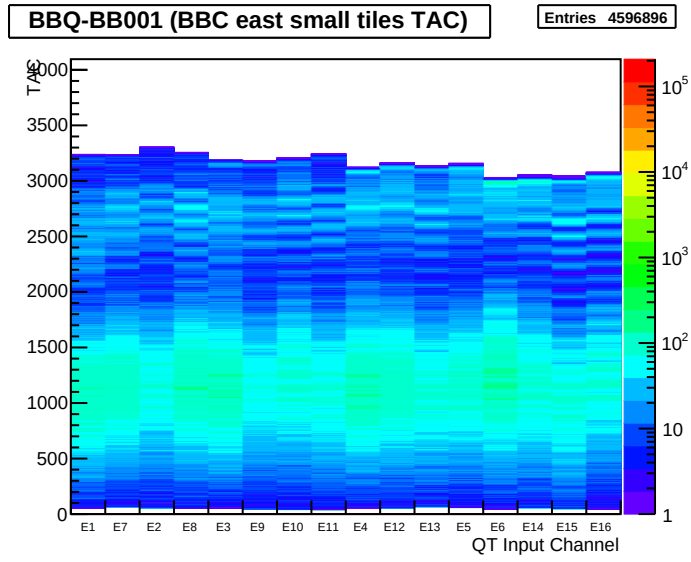

L2-TF201
Entries 287306
TOF total mult

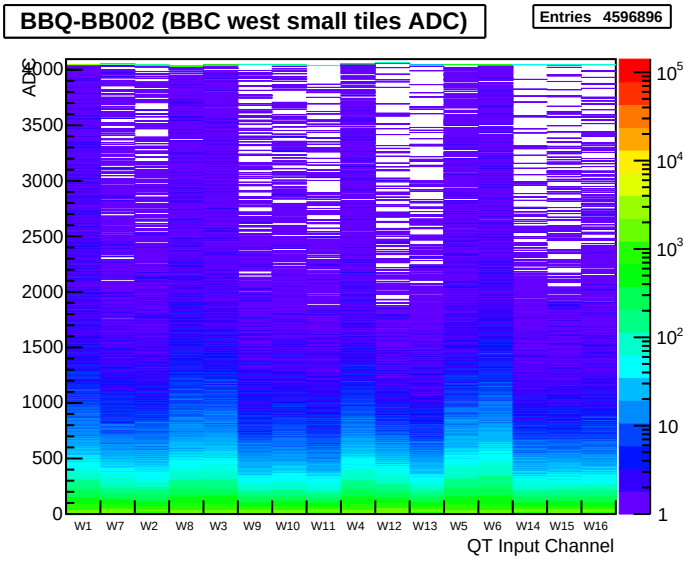

L2-TF201
Entries 0
TOF total mult(Real-Simu)

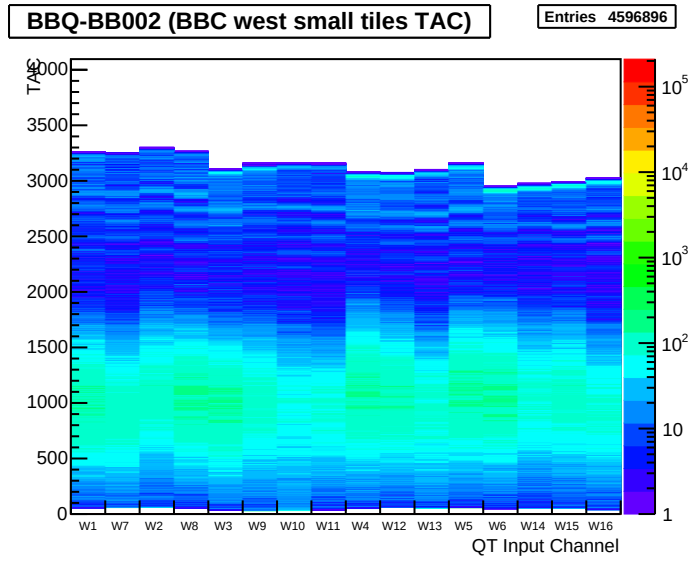

L2-TF201
Entries 2011142
Threshold/UPC bits
253960
256839
254373
255834
255311
252249
275642
33346
30467
32933
31472
31995
35057
11664
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

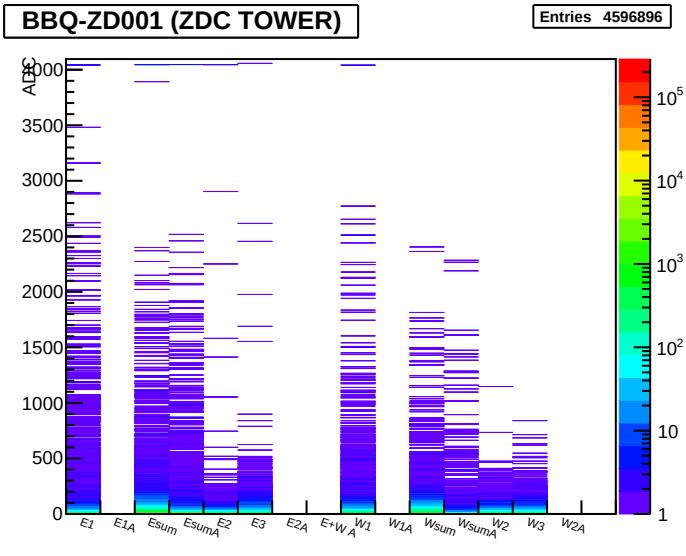

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

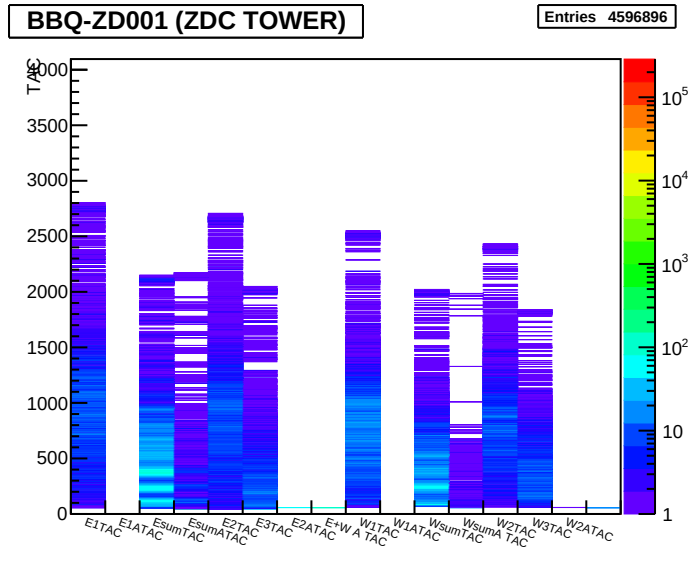

BBQ-BB001 (BBC east small tiles ADC)
Entries 4596896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

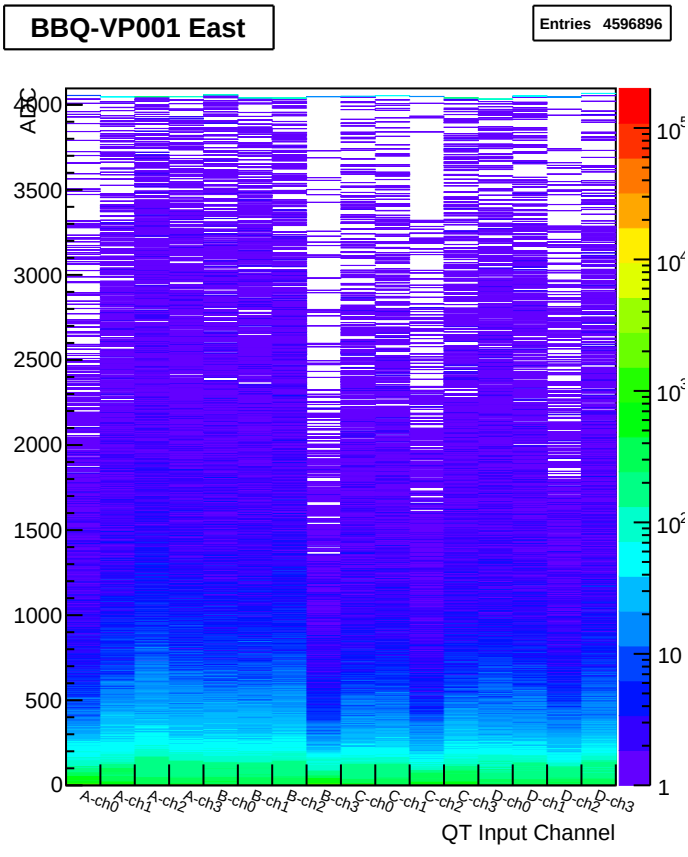

BBQ-BB001 (BBC east small tiles TAC)
Entries 4596896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

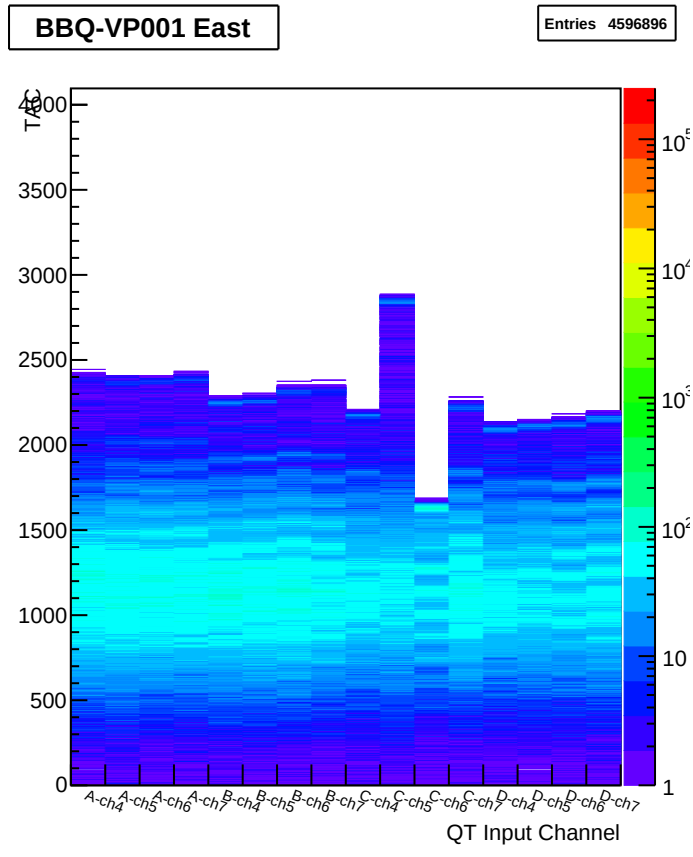

BBQ-BB002 (BBC west small tiles ADC)
Entries 4596896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

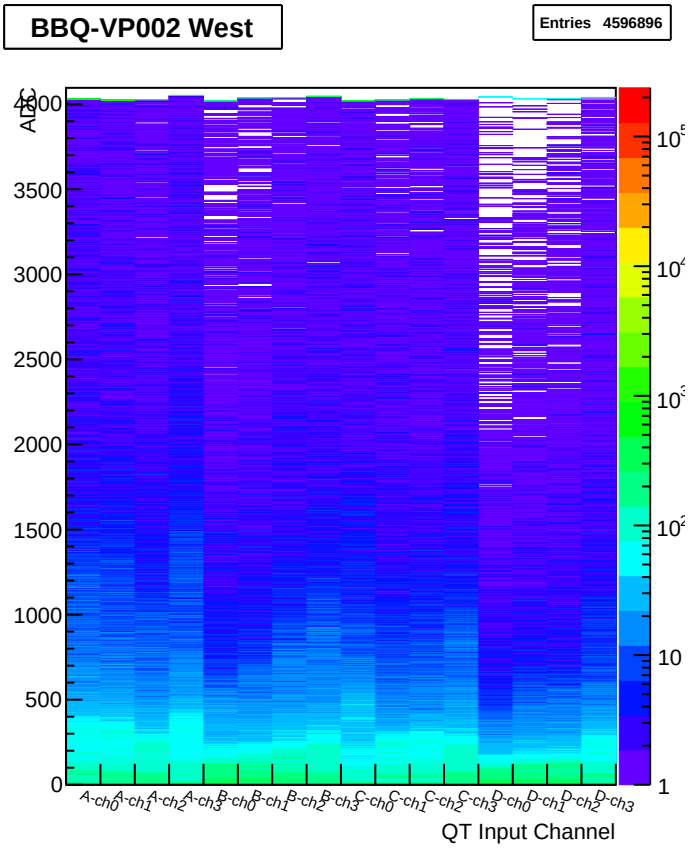

BBQ-BB002 (BBC west small tiles TAC)
Entries 4596896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

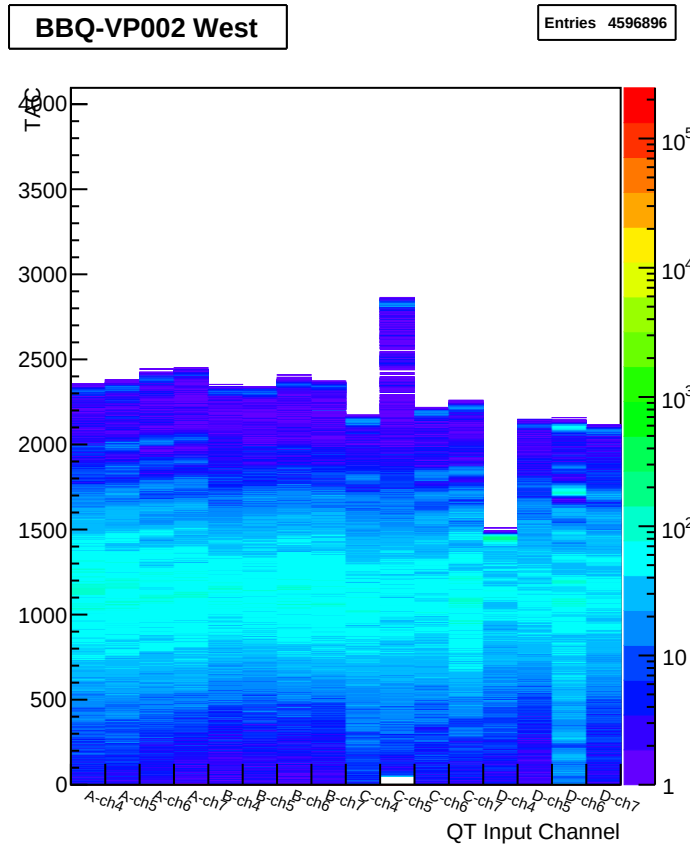

BBQ-ZD001 (ZDC TOWER)
Entries 4596896
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

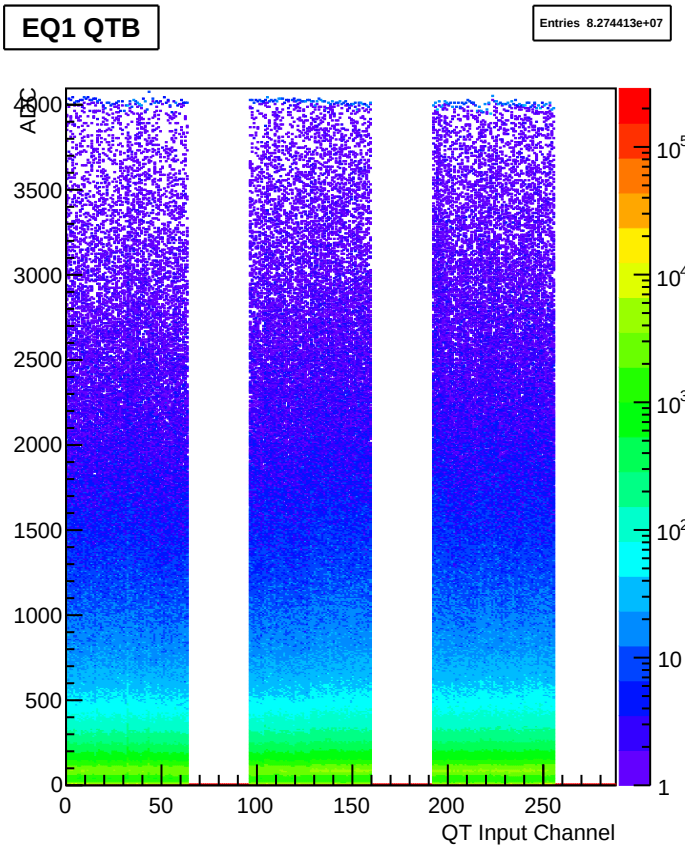

BBQ-ZD001 (ZDC TOWER)
Entries 4596896
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

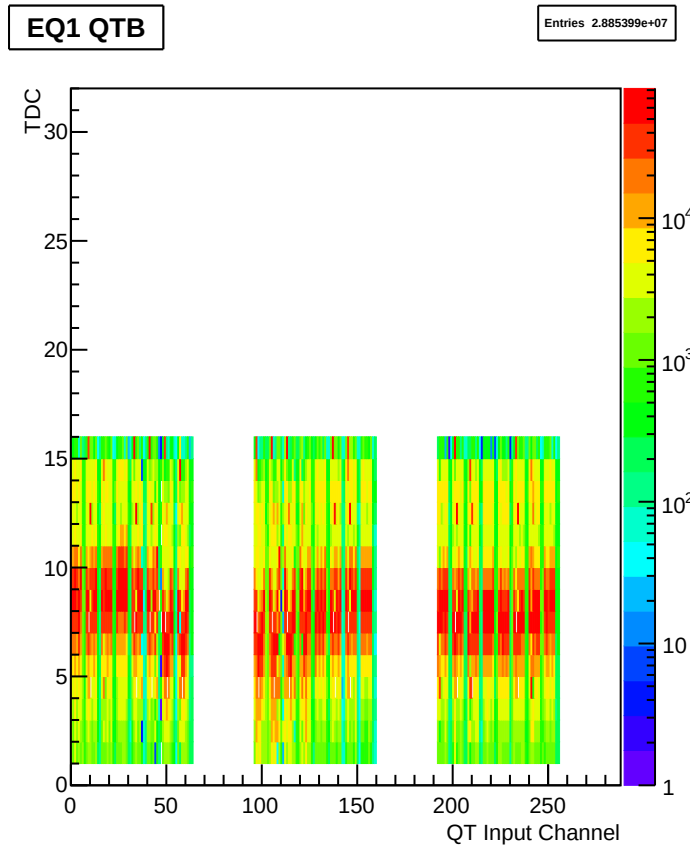

BBQ-VP001 East
Entries 4596896
ADC
QT Input Channel

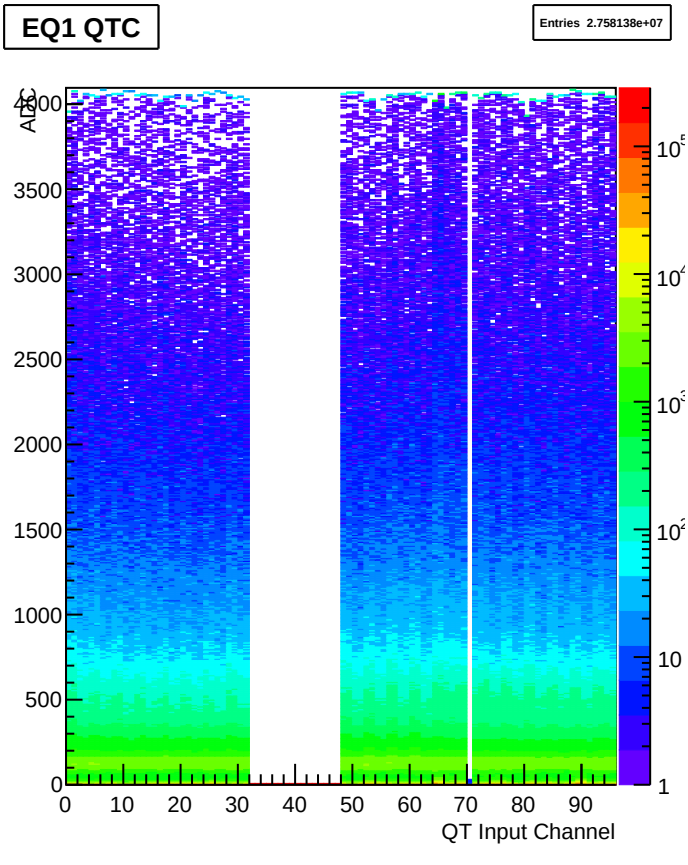

BBQ-VP001 East
Entries 4596896
TADC
QT Input Channel

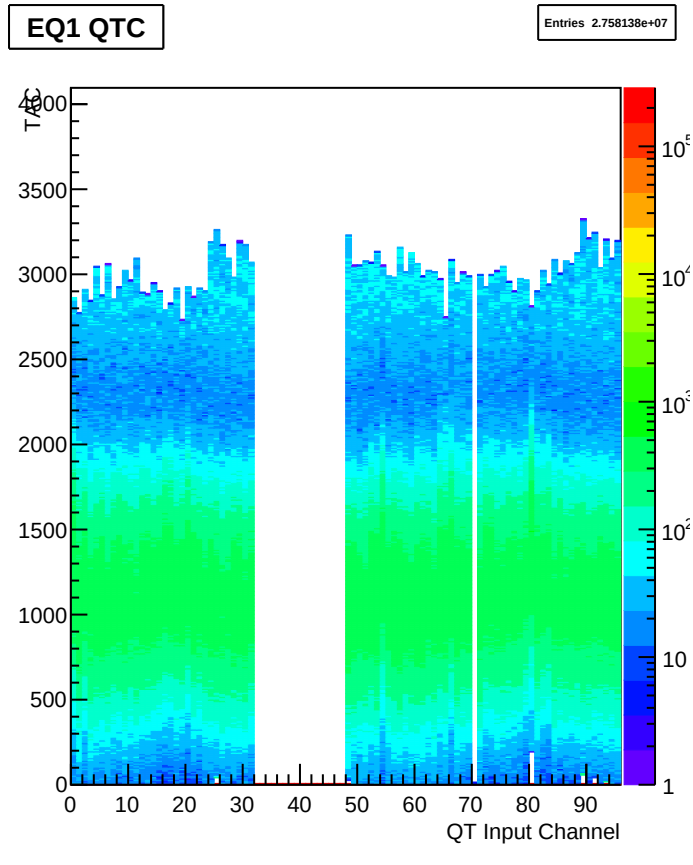

BBQ-VP002 West
Entries 4596896
ADC
QT Input Channel

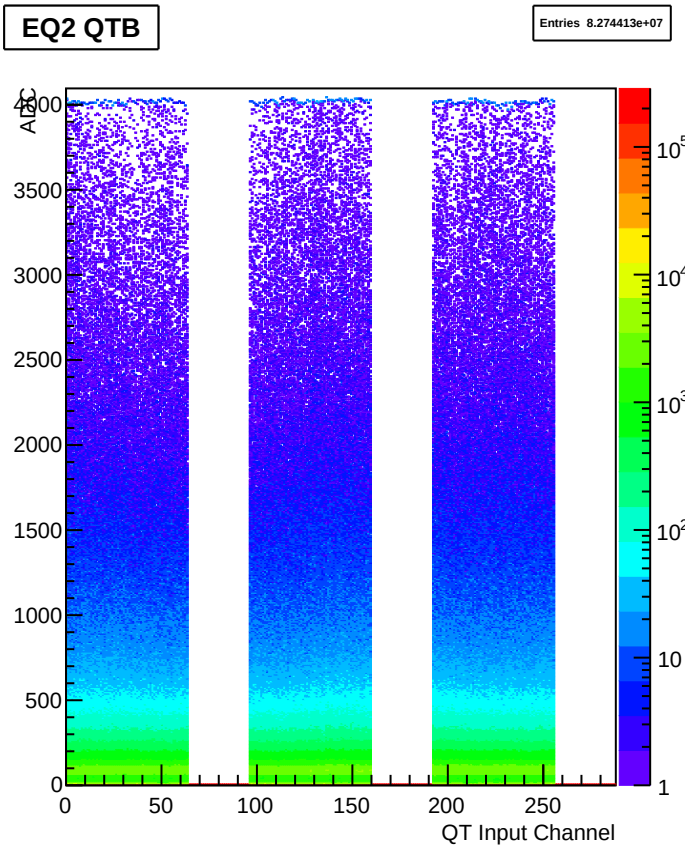

BBQ-VP002 West
Entries 4596896
TADC
QT Input Channel

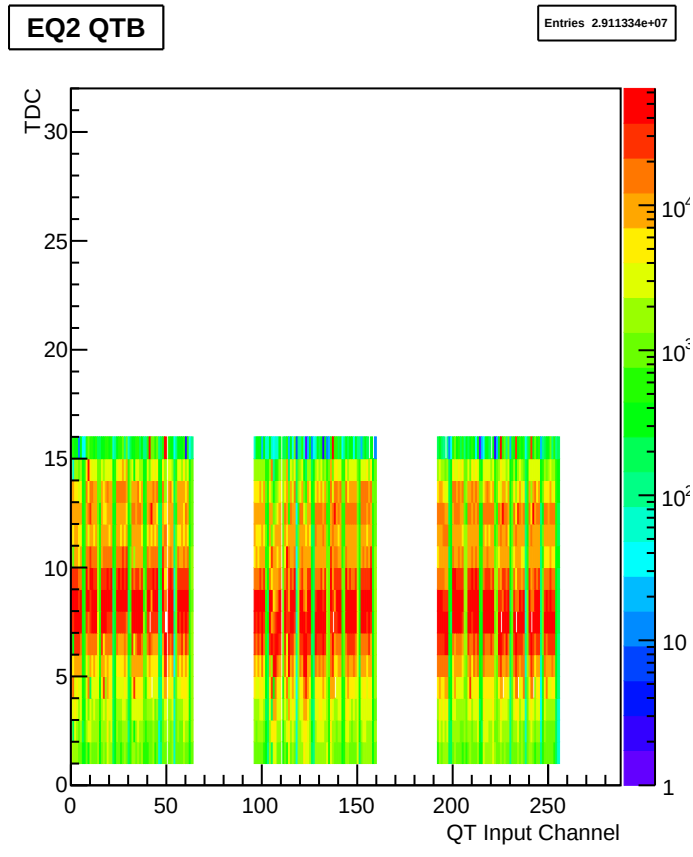

EQ1 QTB
Entries 8.274413e+07
ADC
QT Input Channel

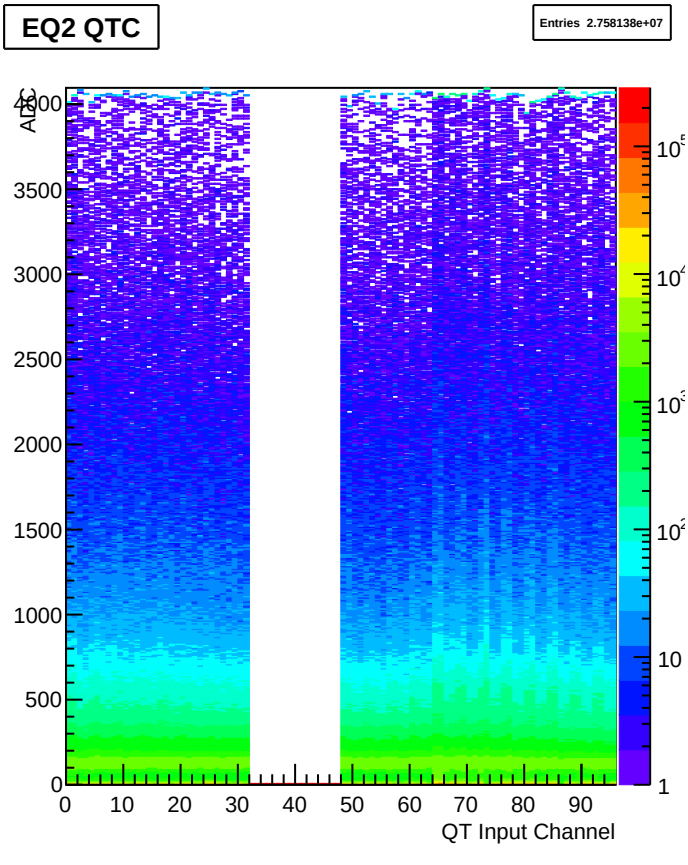

EQ1 QTB
Entries 2.885399e+07
TDC
QT Input Channel

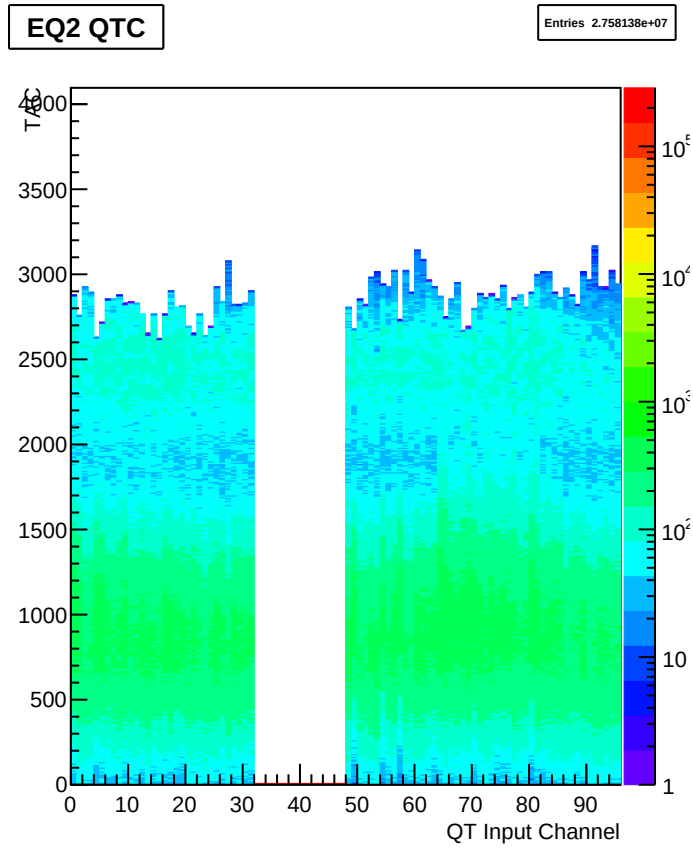

EQ1 QTC
Entries 2.758138e+07
ADC
QT Input Channel

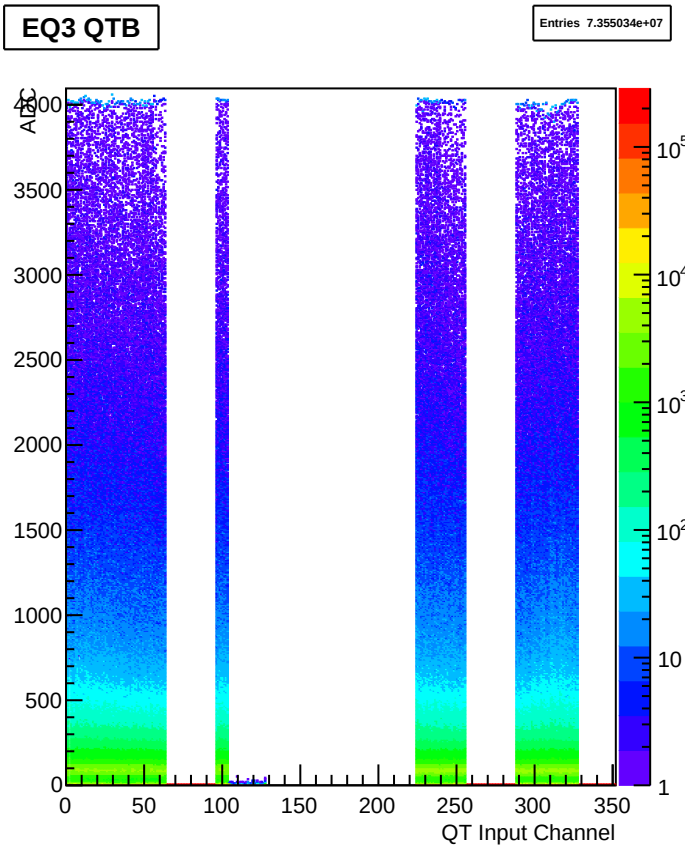

EQ1 QTC
Entries 2.758138e+07
TADC
QT Input Channel

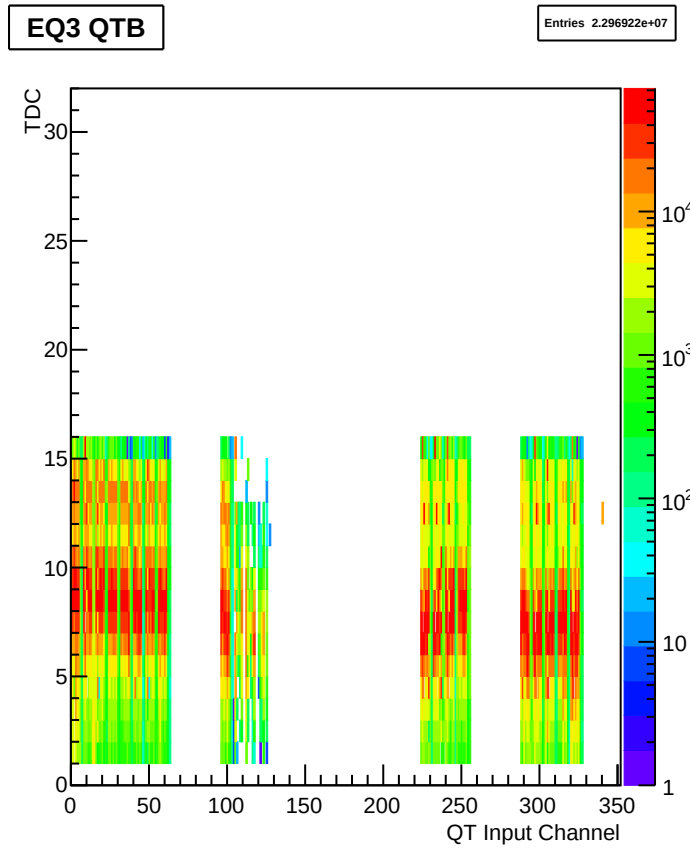

EQ2 QTB
Entries 8.274413e+07
ADC
QT Input Channel

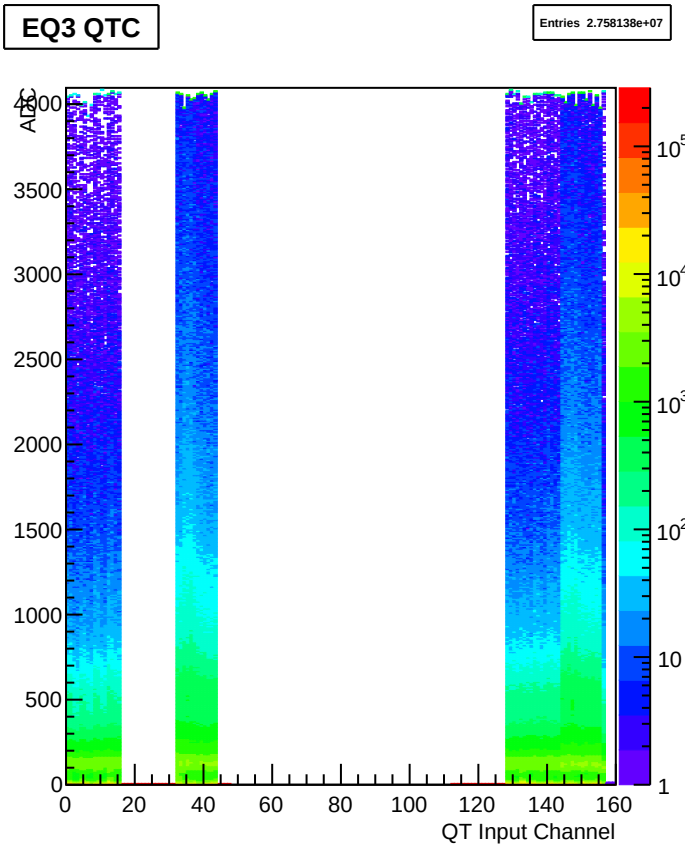

EQ2 QTB
Entries 2.911334e+07
TDC
QT Input Channel

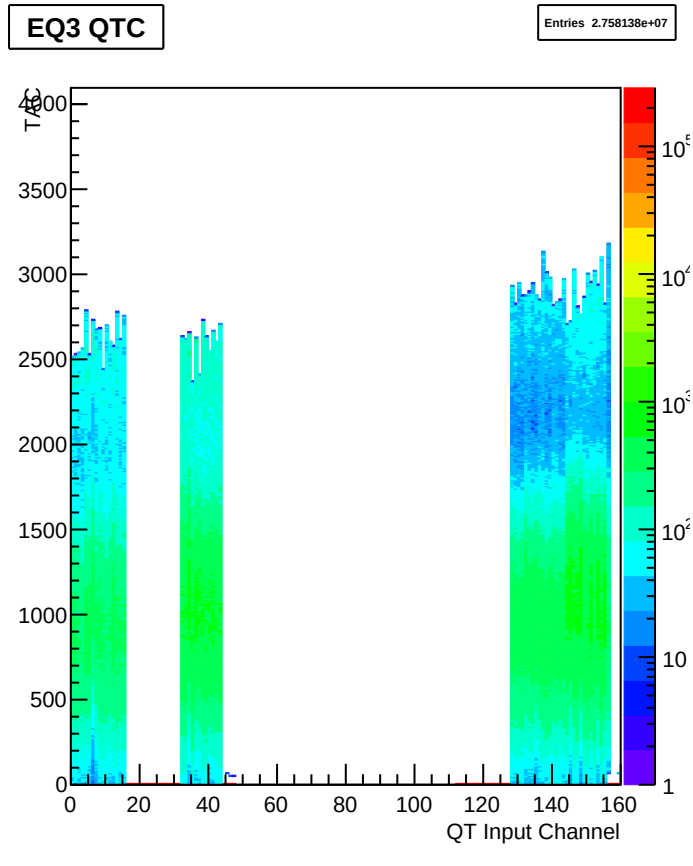

EQ2 QTC
Entries 2.758138e+07
ADC
QT Input Channel

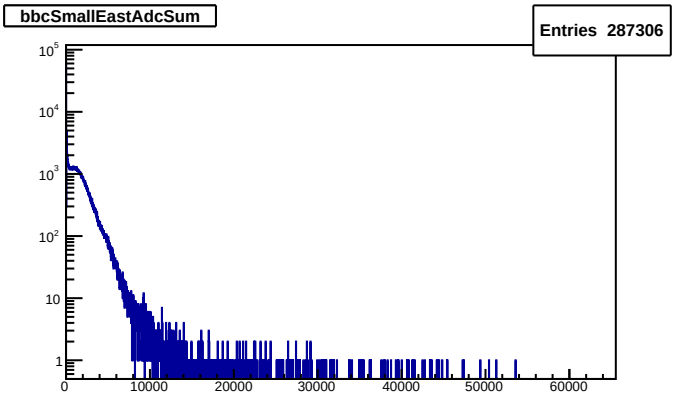

EQ2 QTC
Entries 2.758138e+07
TADC
QT Input Channel

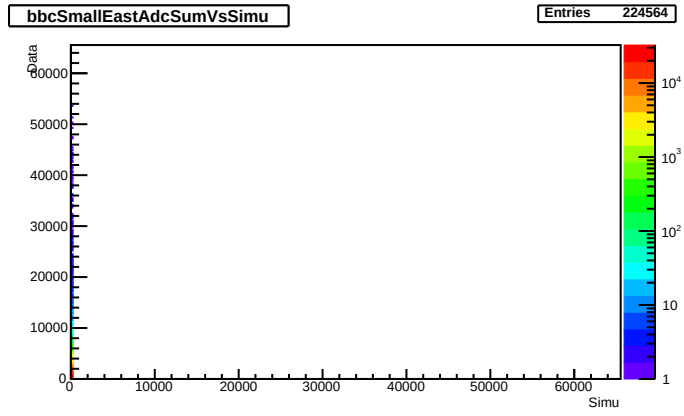

EQ3 QTB
Entries 7.355034e+07
ADC
QT Input Channel

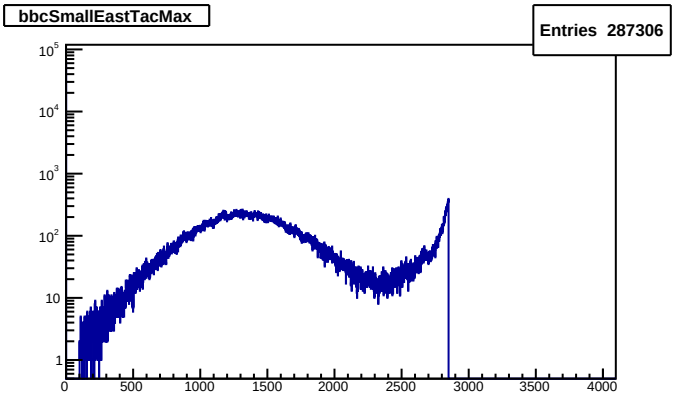

EQ3 QTB
Entries 2.296922e+07
TDC
QT Input Channel

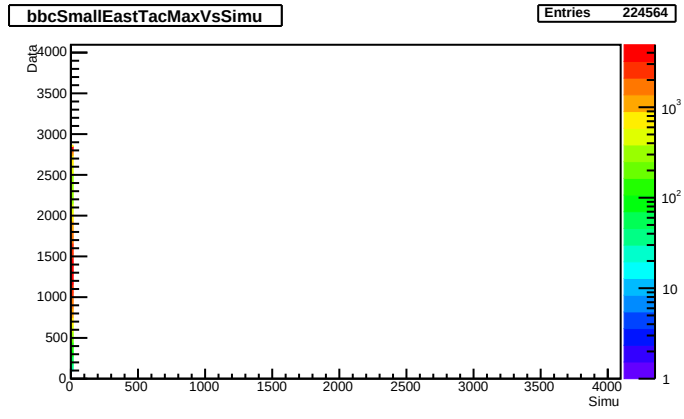

EQ3 QTC
Entries 2.758138e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.758138e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 287306


bbcSmallEastAdcSumVsSimu
Entries 224564
Data
Simu


bbcSmallEastTacMax
Entries 287306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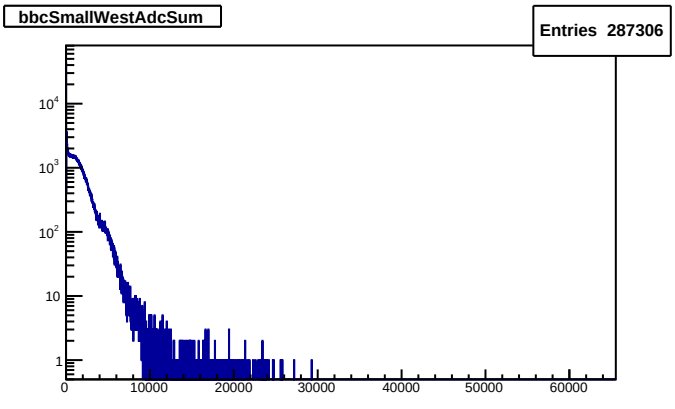
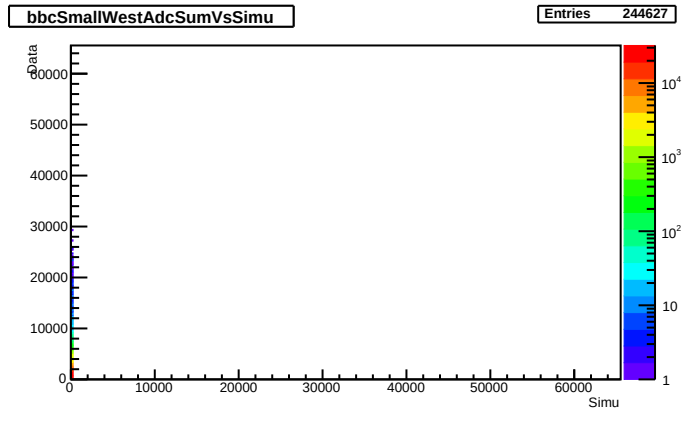
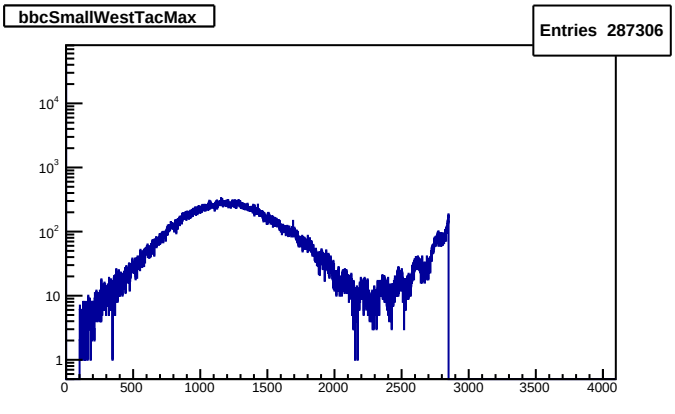
Entries 224564
Data
Simu


bbcSmallWestAdcSum
Entries 287306


bbcSmallWestAdcSumVsSimu
Entries 244627
Data
Simu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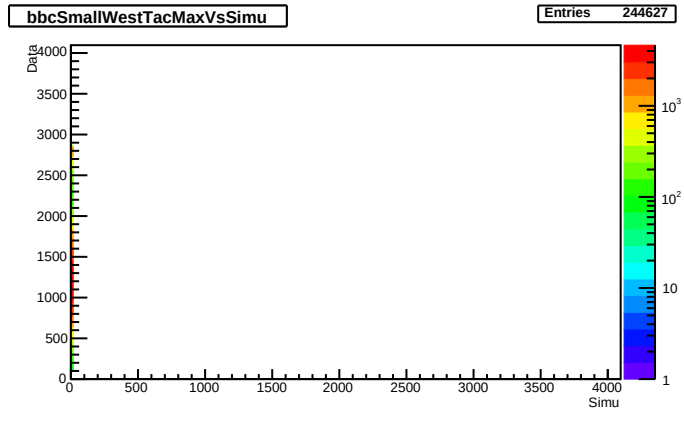
Entries 287306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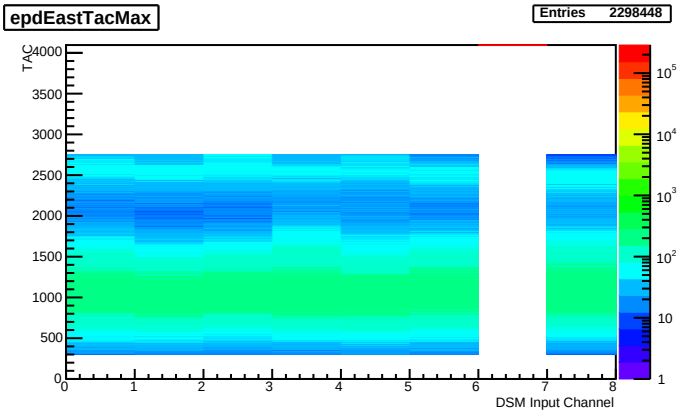
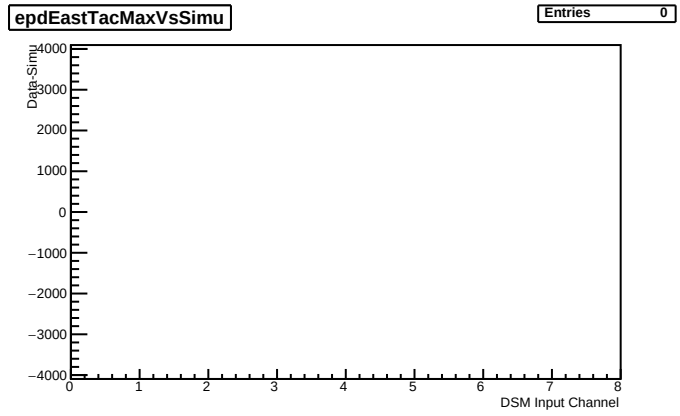
Entries 244627
Data
Simu


epdEastTacMax
Entries 2298448
TAC
DSM Input Channel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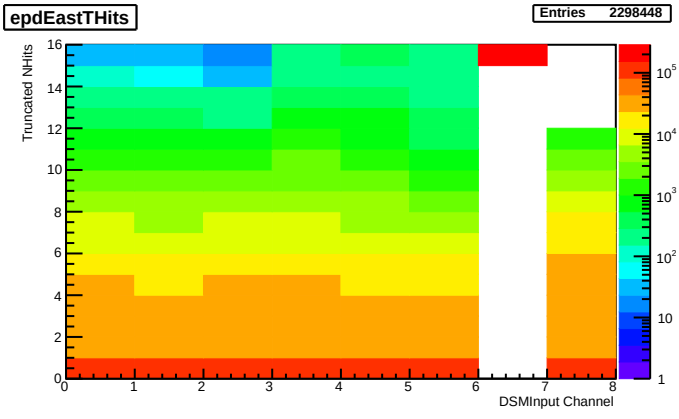
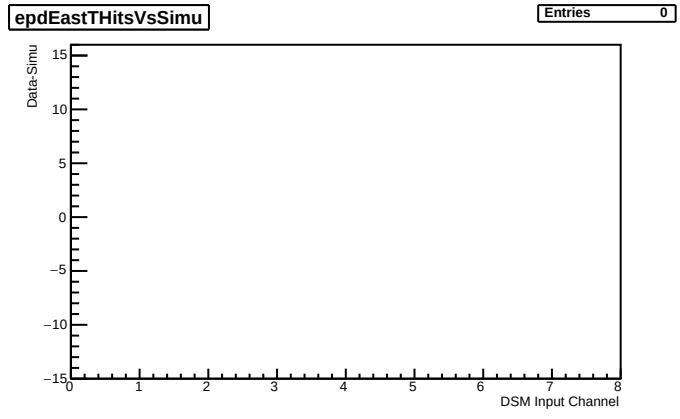
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2298448
Truncated NHits
DSMInput Channel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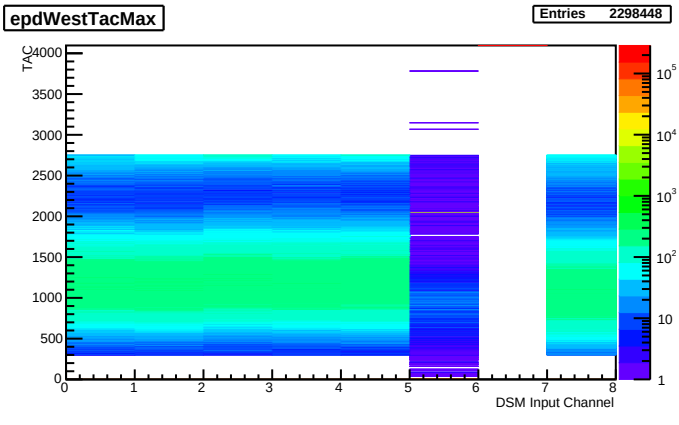
Data-Simu
DSM Input Channel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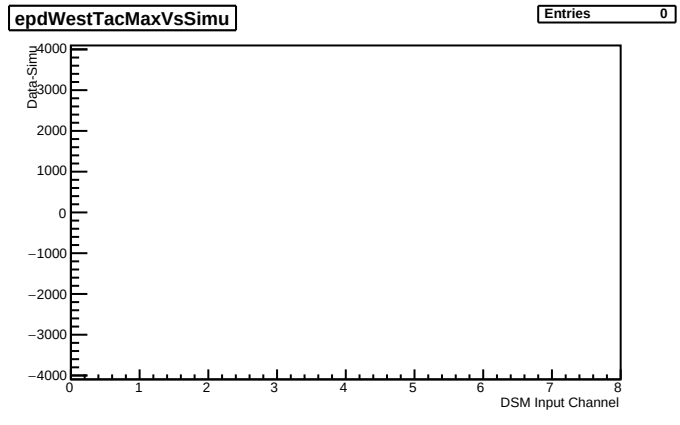
Entries 2298448
TAC
DSM Input Channel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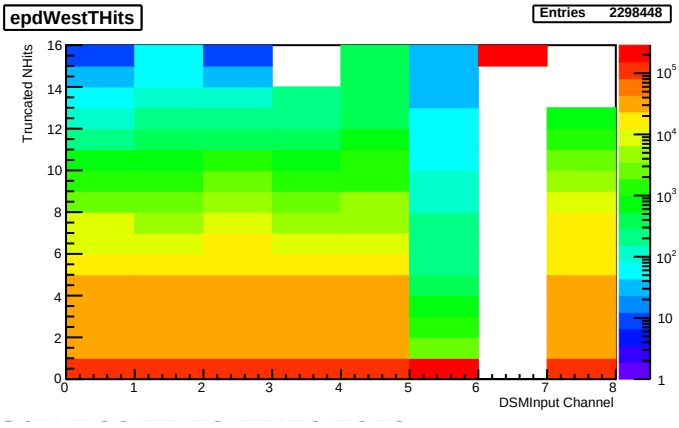
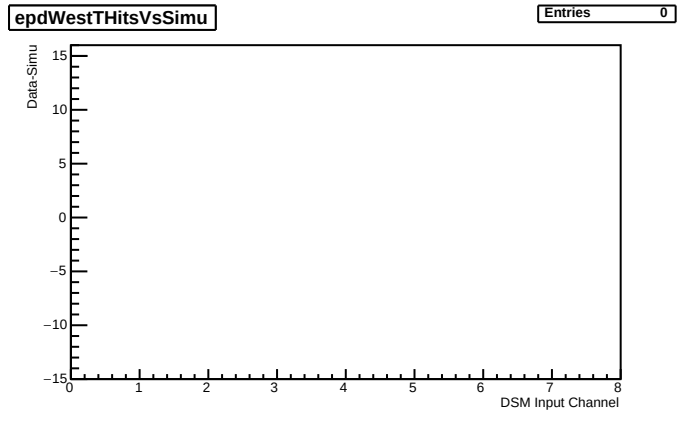
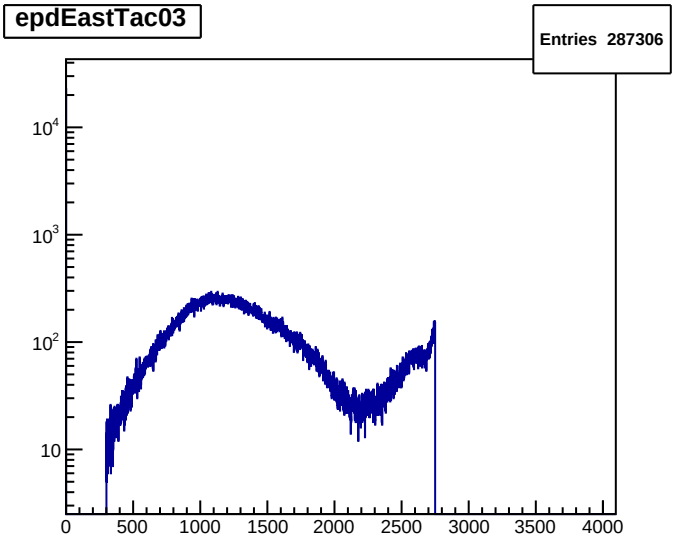
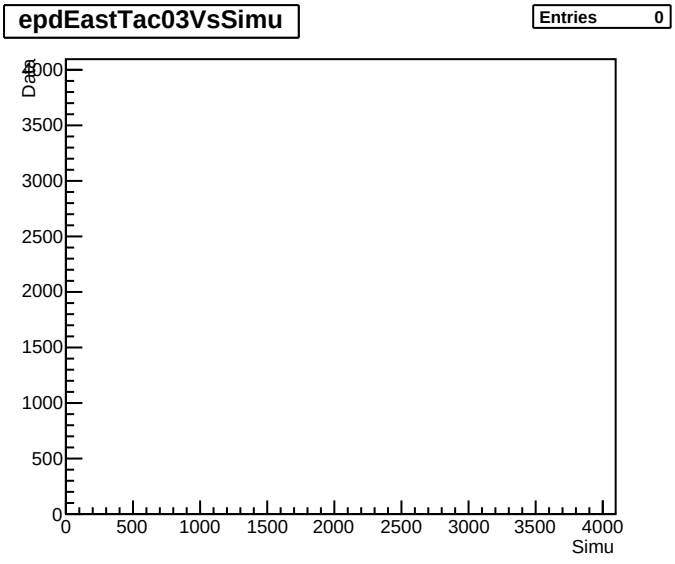
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2298448
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 287306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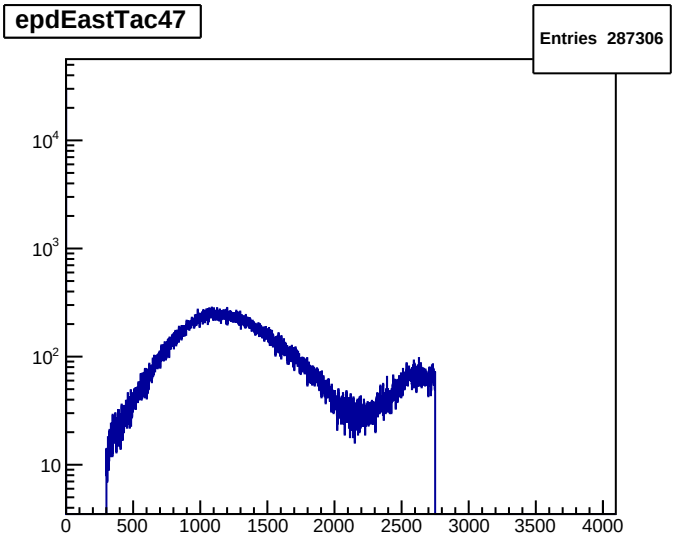
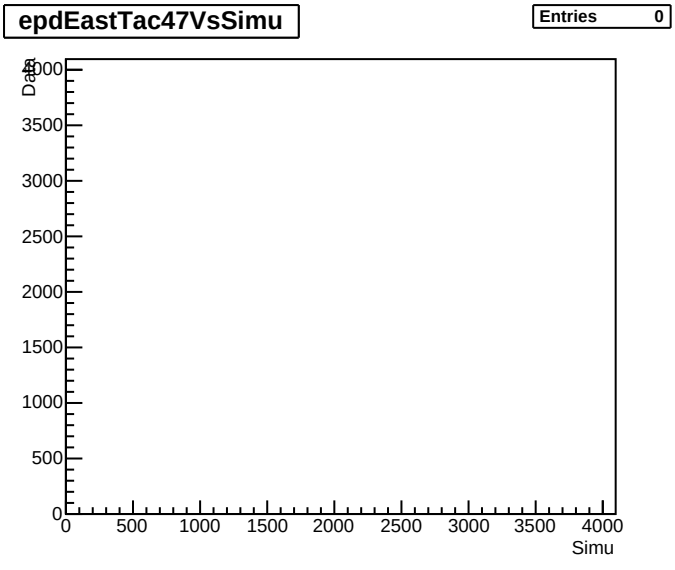
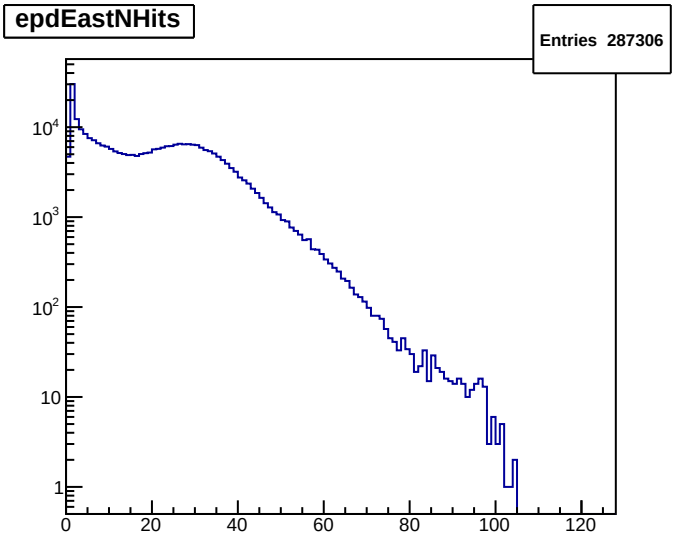
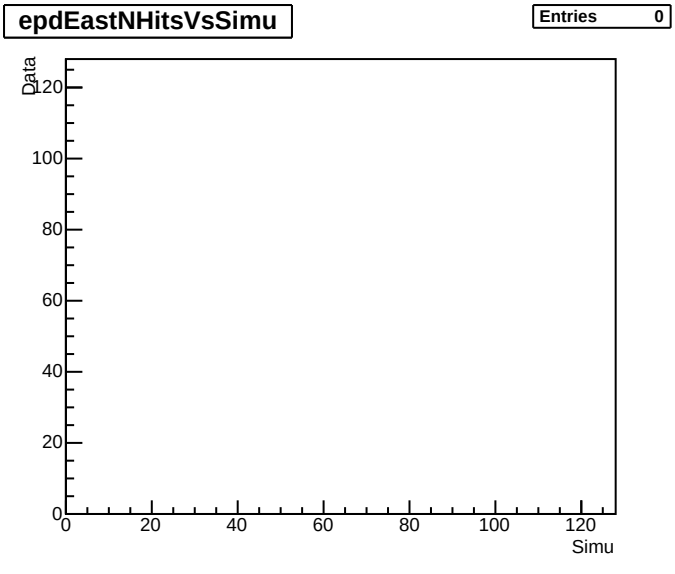
Entries 0
Data
Simu


epdEastTac47
Entries 287306


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 287306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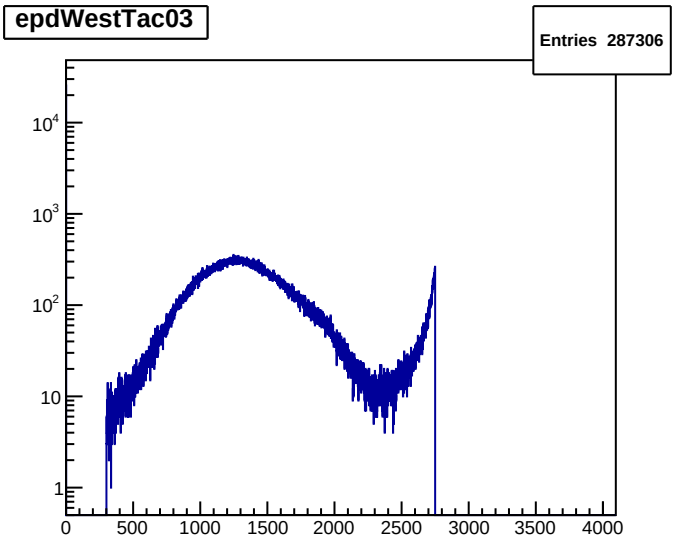
Entries 0
Data
Simu


epdWestTac03
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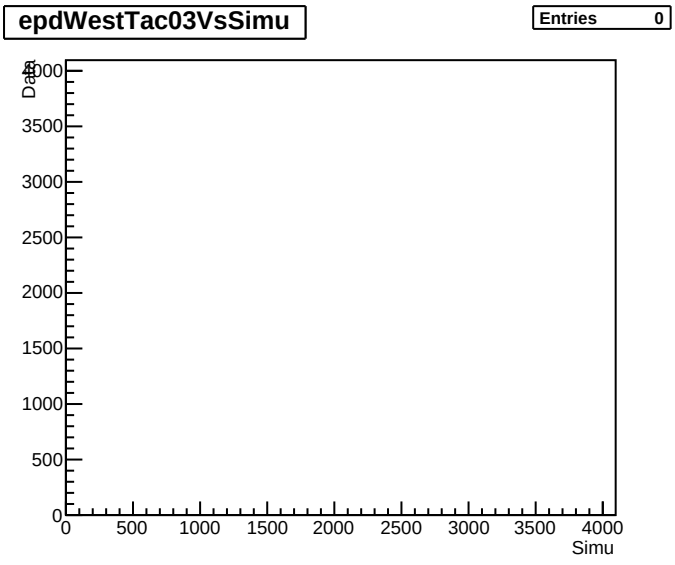
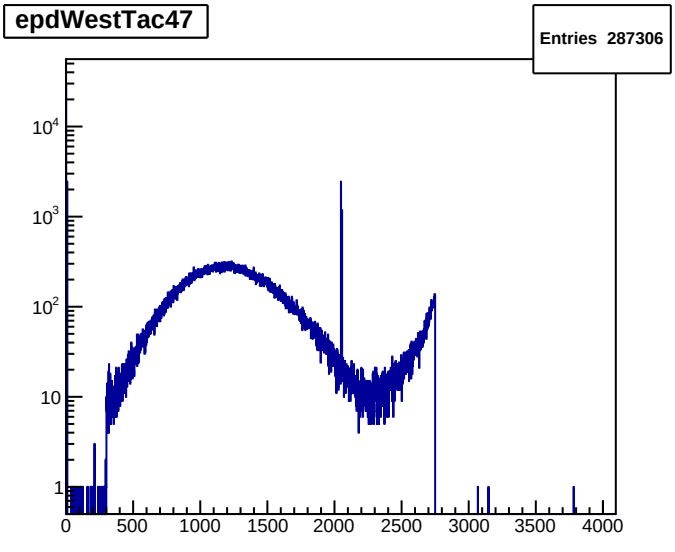

epdWestTac03VsSimu
Entries 0
Data
Simu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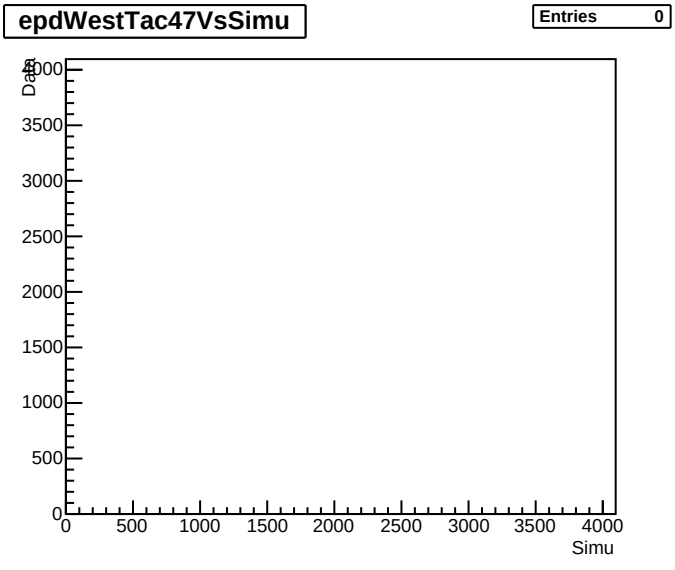
Entries 287306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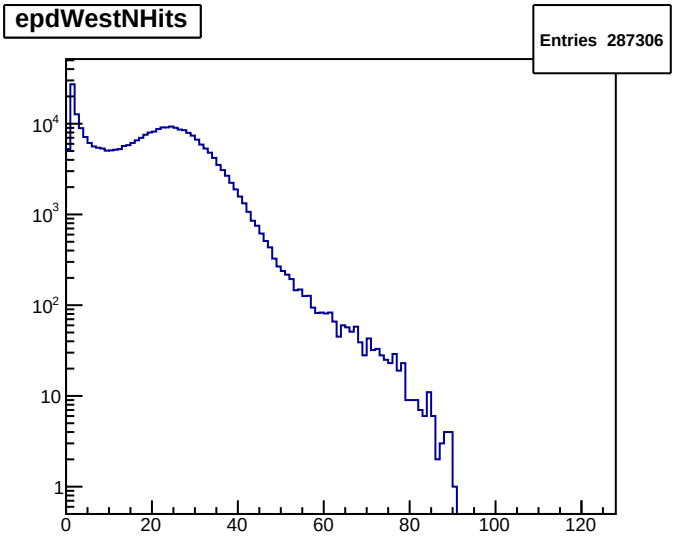
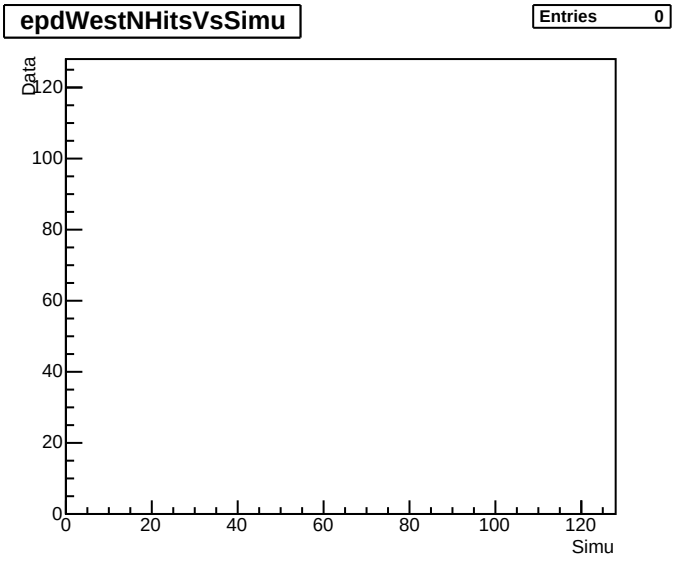
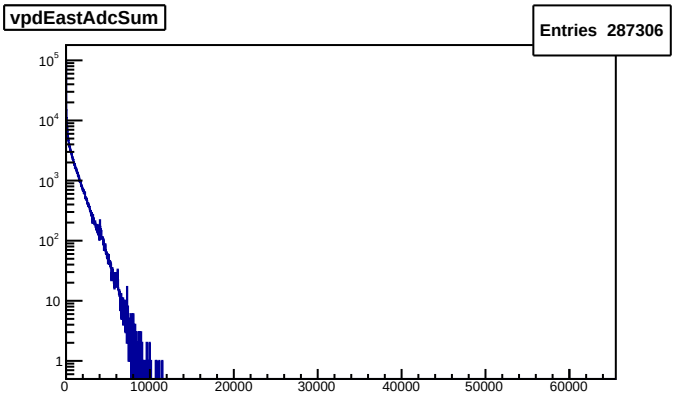
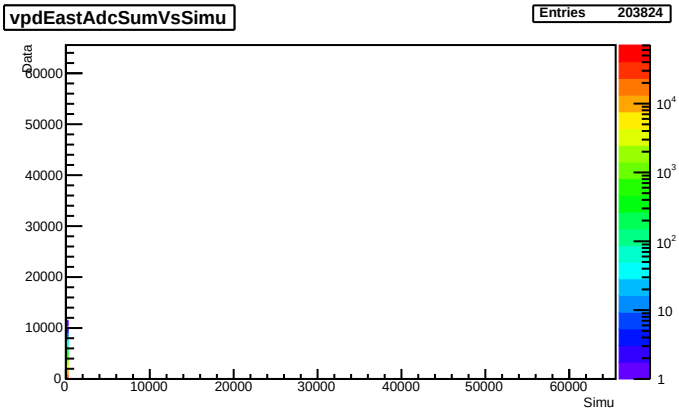
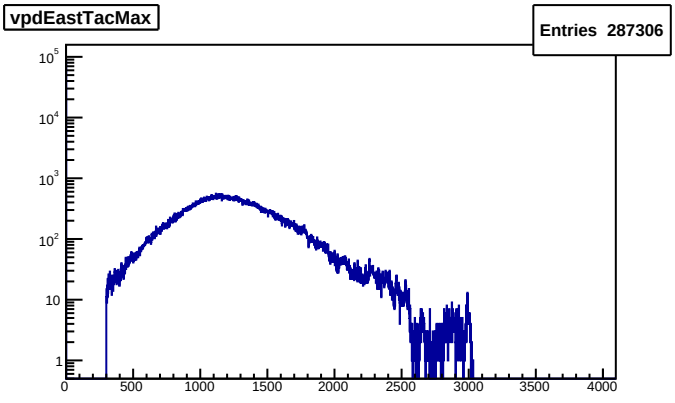
Entries 0
Data
Simu

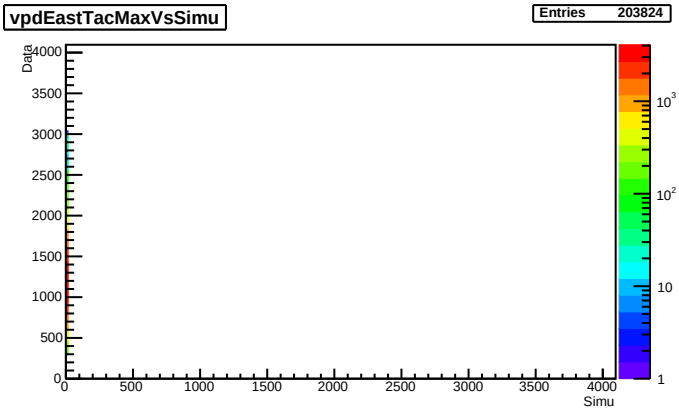

epdWestNHits
Entries 287306

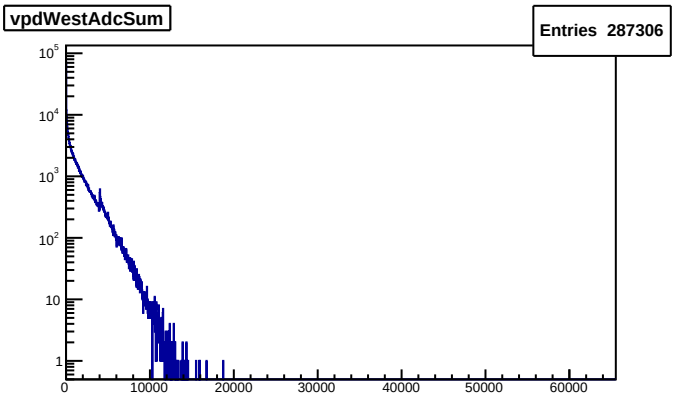

epdWestNHitsVsSimu
Entries 0
Data
Simu

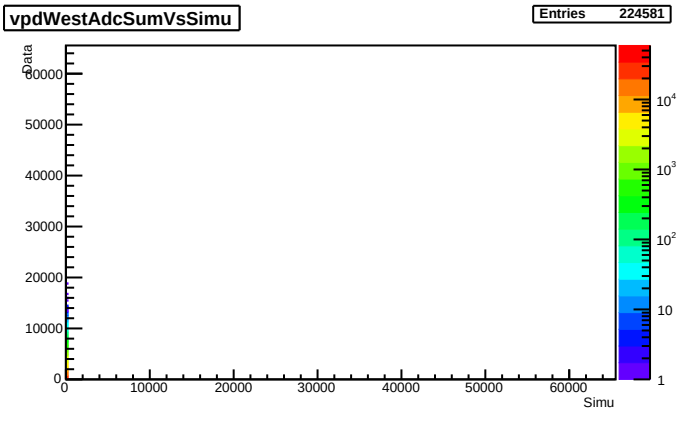

vpdEastAdcSum
Entries 287306

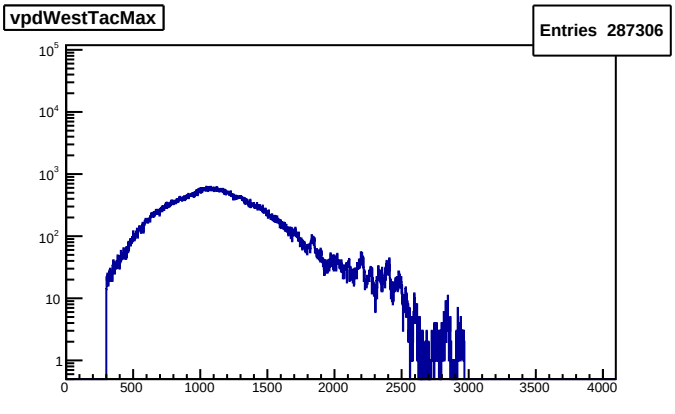

vpdEastAdcSumVsSimu
Entries 203824
Data
Simu

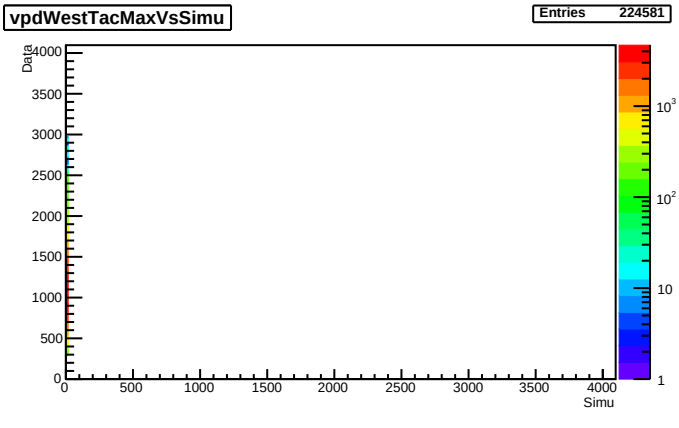

vpdEastTacMax
Entries 287306

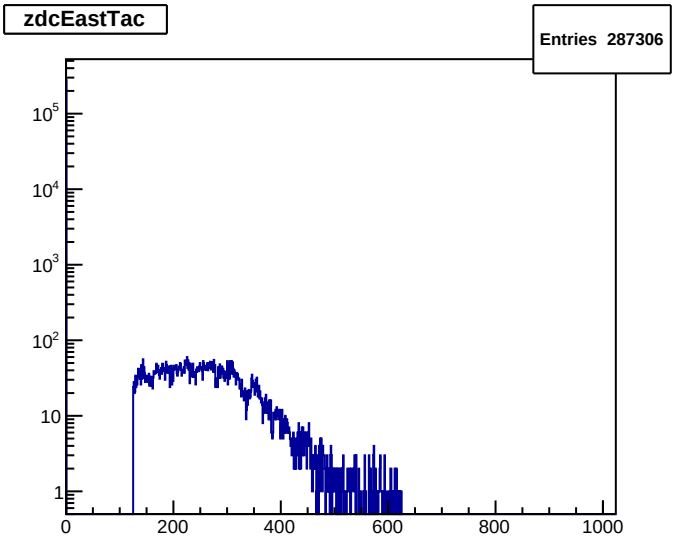

vpdEastTacMaxVsSimu
Entries 203824
Data
Simu

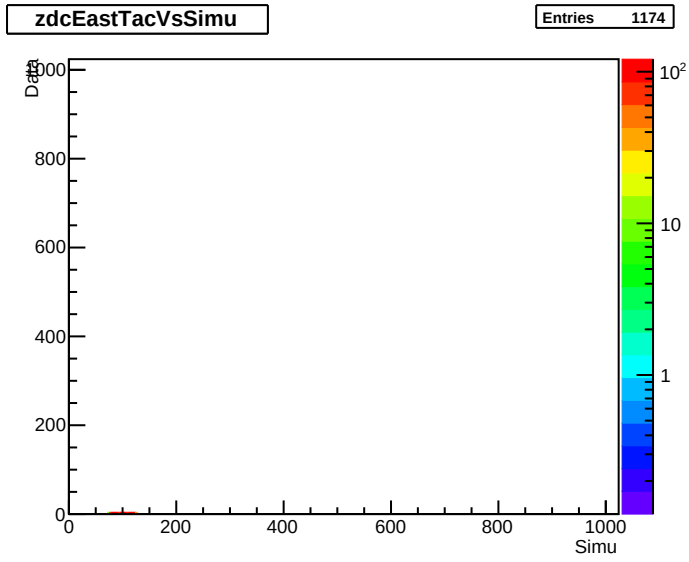

vpdWestAdcSum
Entries 287306

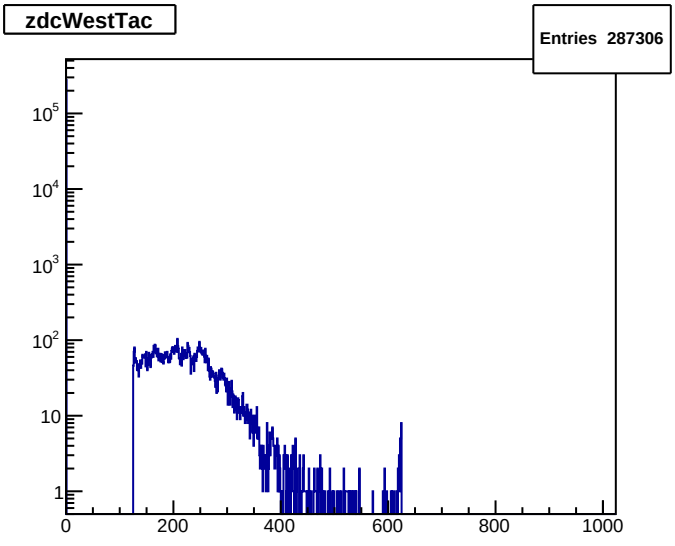

vpdWestAdcSumVsSimu
Entries 224581
Data
Simu

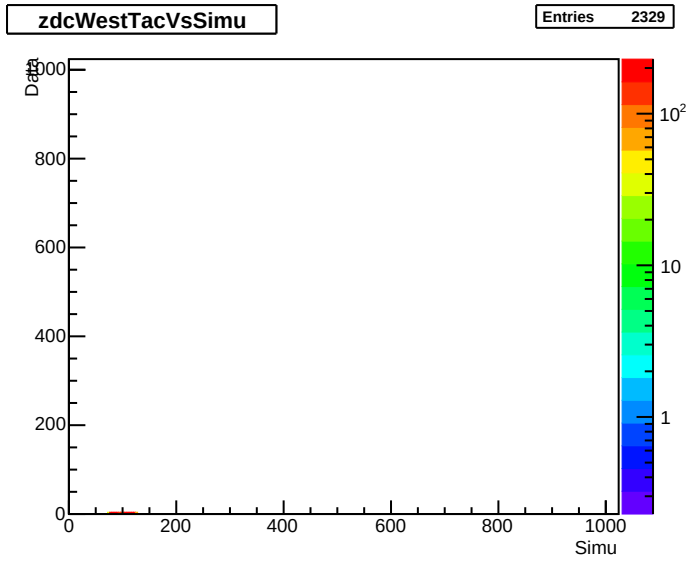

vpdWestTacMax
Entries 287306

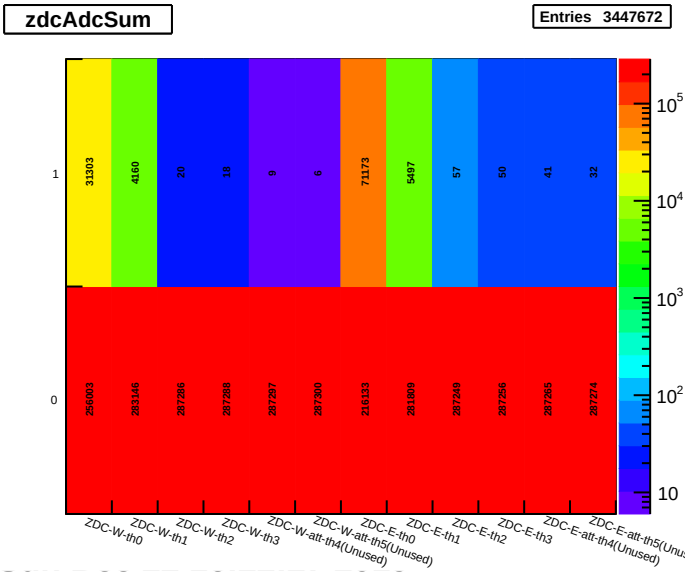

vpdWestTacMaxVsSimu
Entries 224581
Data
Simu

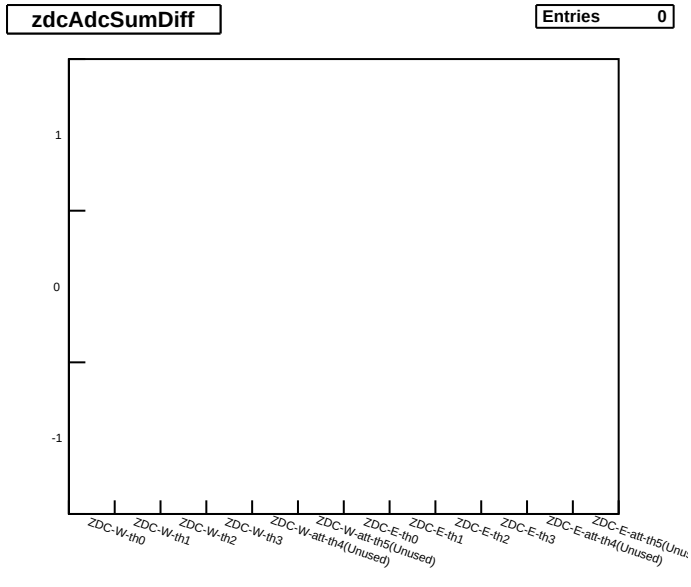

zdcEastTac
Entries 287306

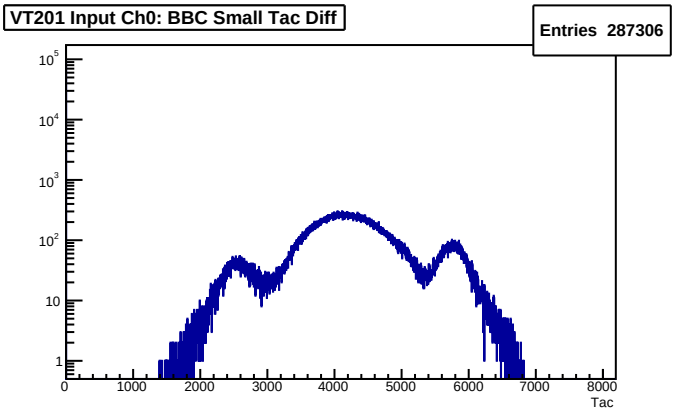

zdcEastTacVsSimu
Entries 1174
Data
Simu

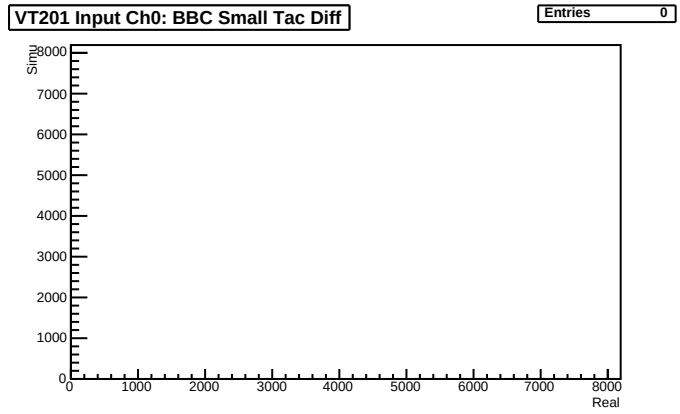

zdcWestTac
Entries 287306

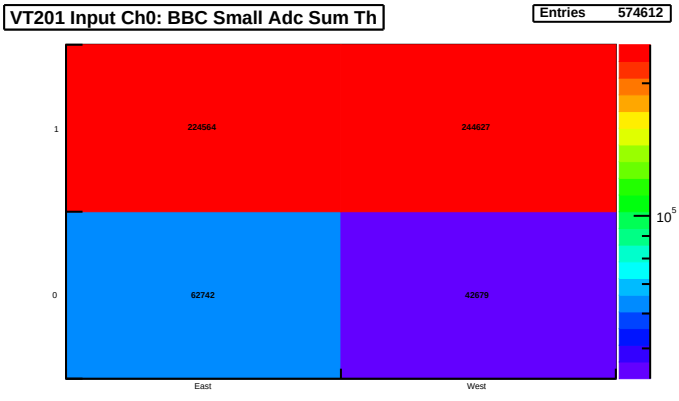

zdcWestTacVsSimu
Entries 2329
Data
Simu

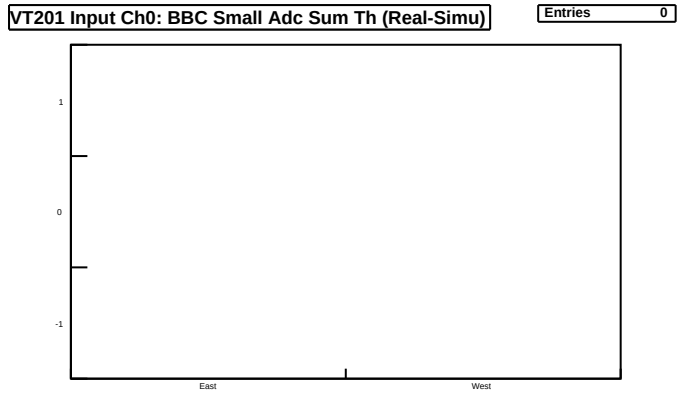

zdcAdcSum
Entries 3447672
31303
4160
20
18
9
6
71173
5497
57
50
41
32
256003
283146
287286
287288
287297
287300
216133
281809
287249
287256
287265
287274
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

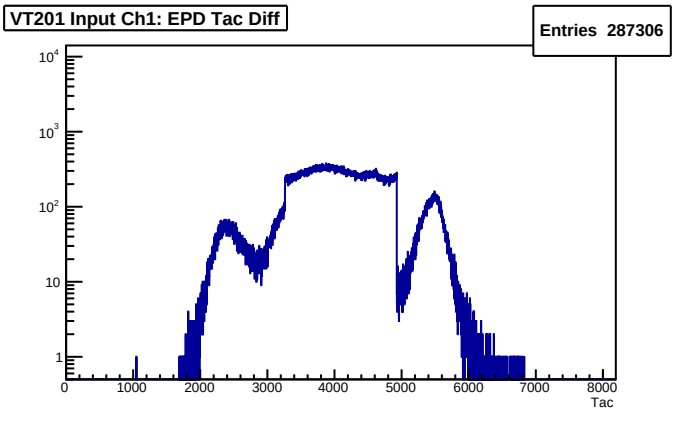

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

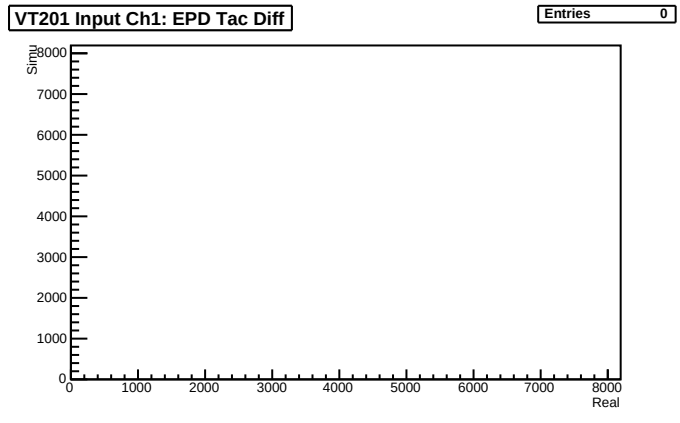

VT201 Input Ch0: BBC Small Tac Diff
Entries 287306
Tac

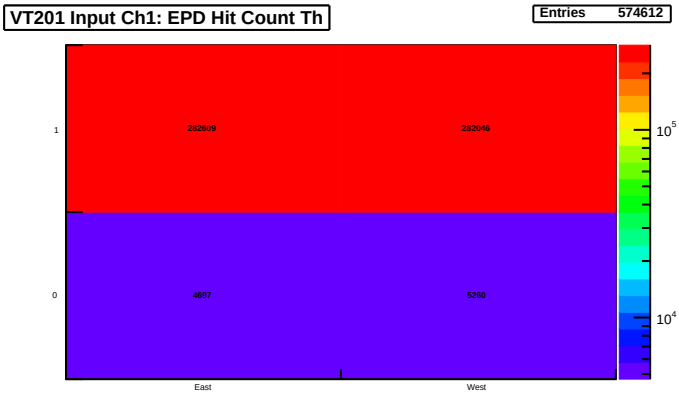

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

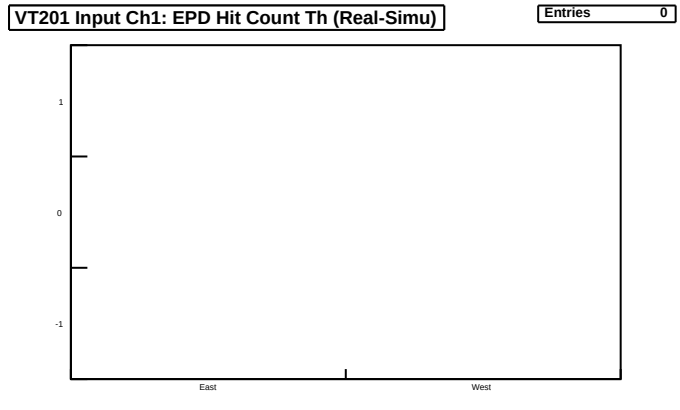

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 574612
224564
244627
62742
42679
East
West

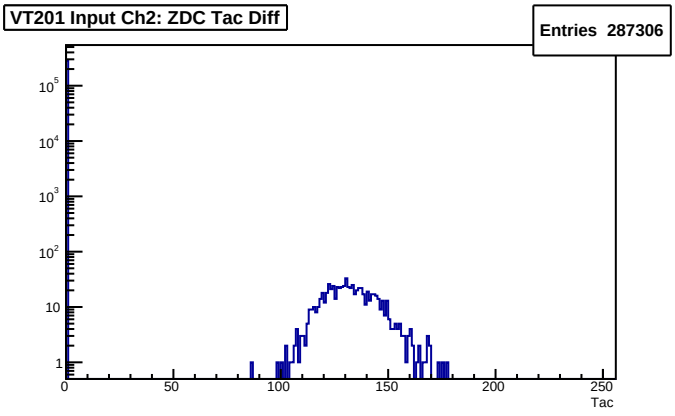

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

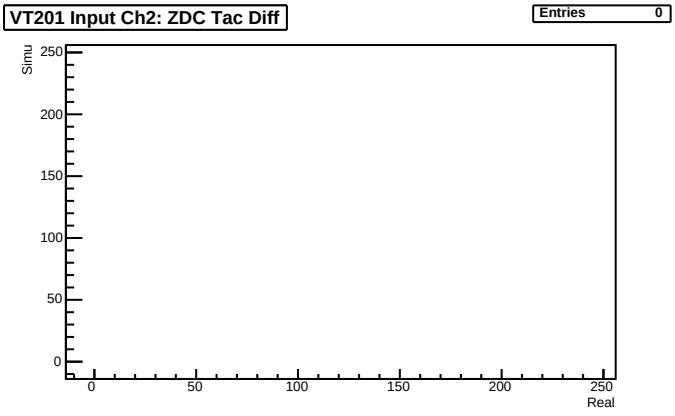

VT201 Input Ch1: EPD Tac Diff
Entries 287306
Tac

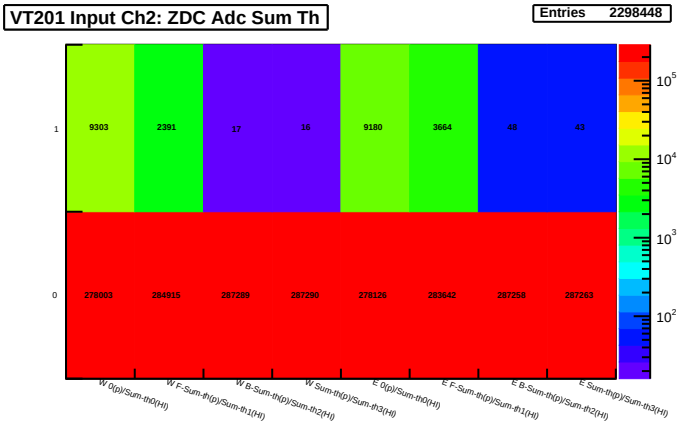

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

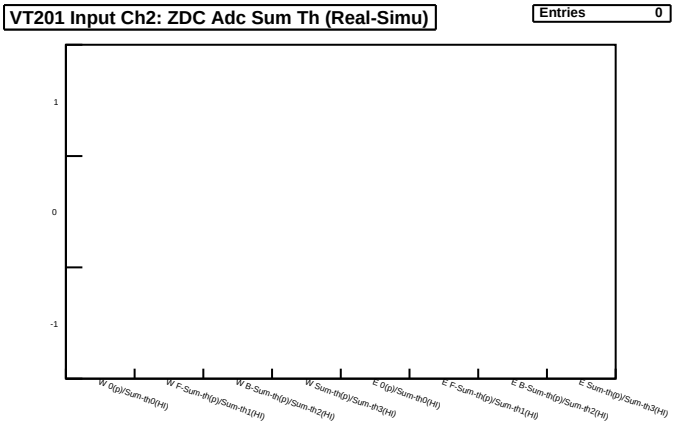

VT201 Input Ch1: EPD Hit Count Th
Entries 574612
282609
282046
4697
5260
East
West

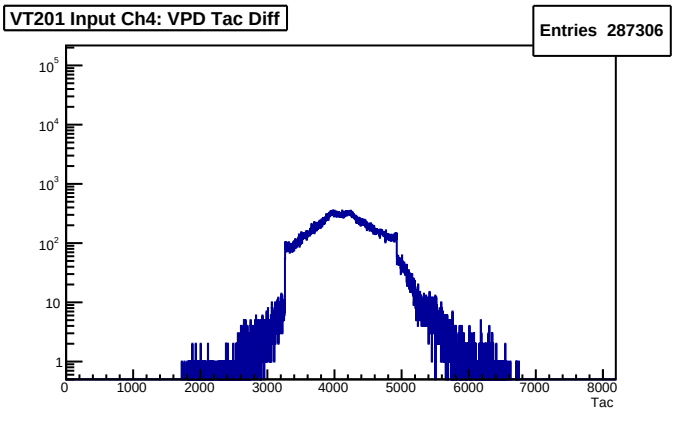

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

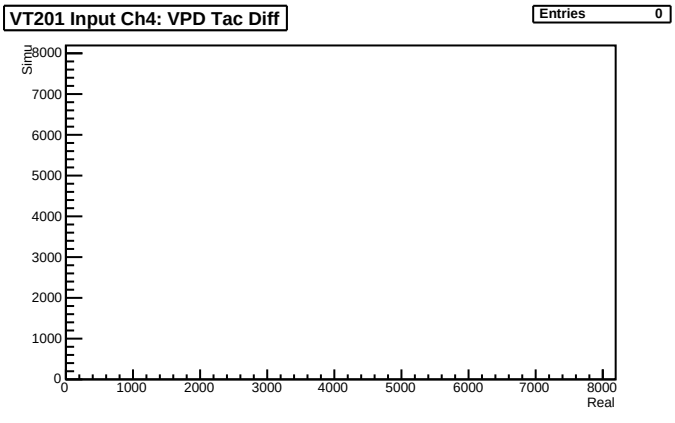

VT201 Input Ch2: ZDC Tac Diff
Entries 287306
Tac

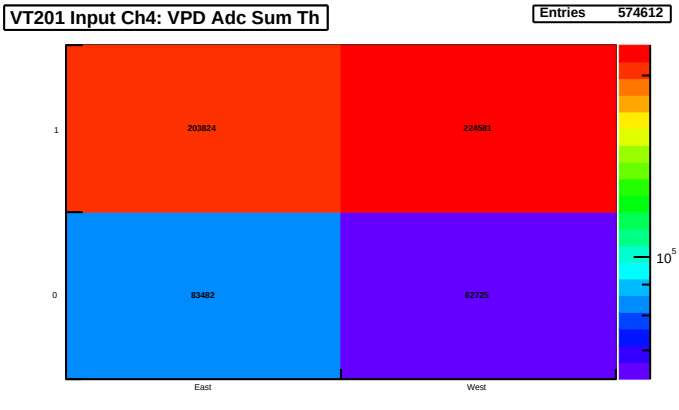

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

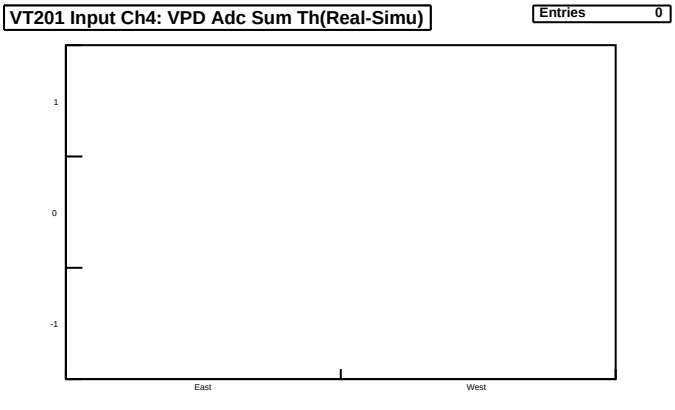

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2298448
9303
2391
17
16
9180
3664
48
43
278003
284915
287289
287290
278126
283642
287258
287263
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

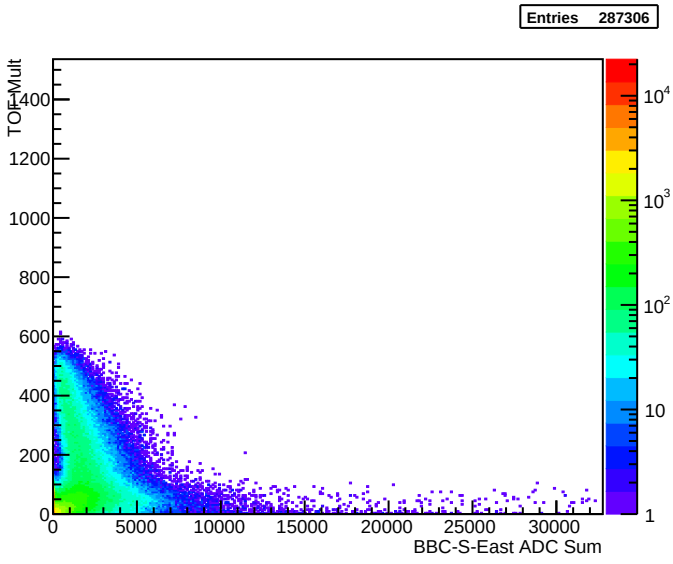

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

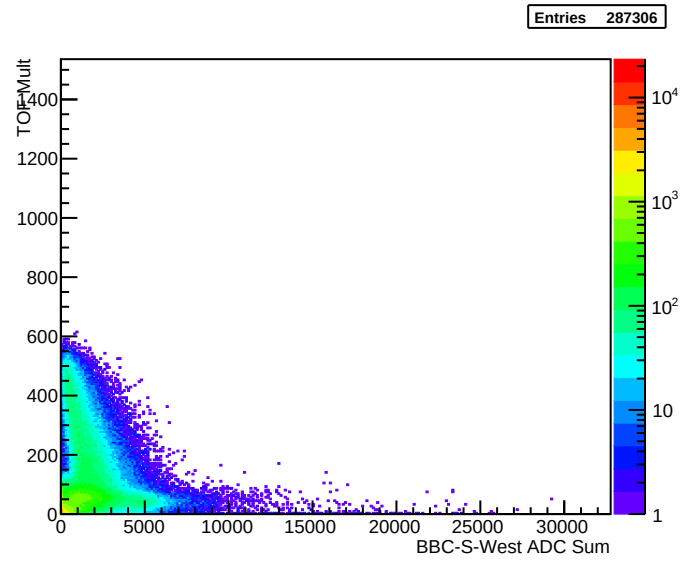

VT201 Input Ch4: VPD Tac Diff
Entries 287306
Tac

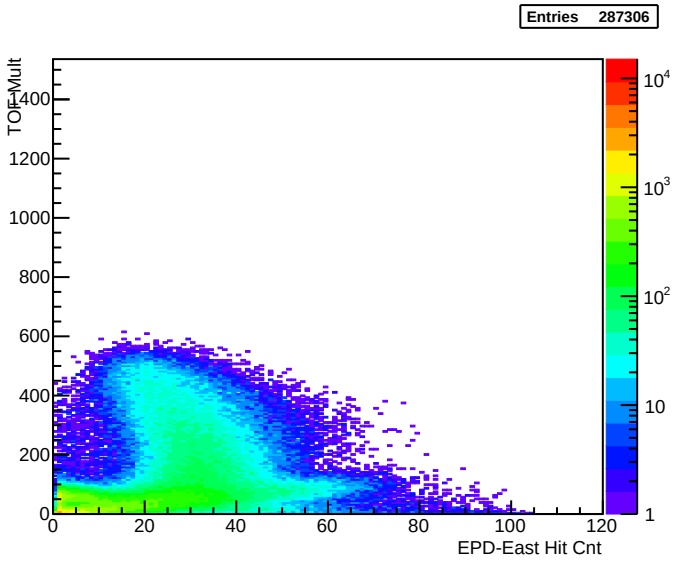

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

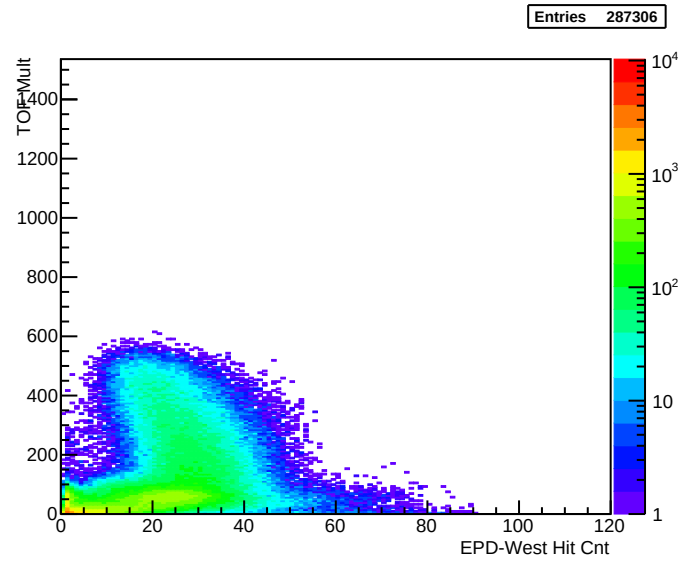

VT201 Input Ch4: VPD Adc Sum Th
Entries 574612
203824
224581
83482
62725
East
West

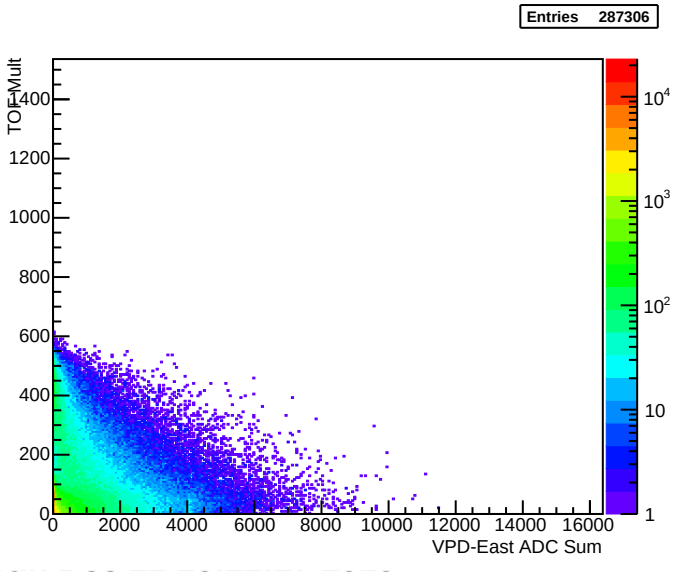

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

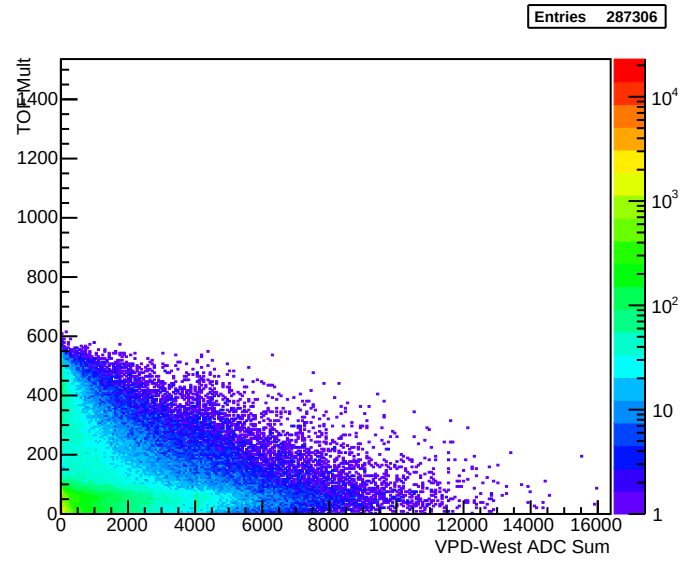

Entries 287306
TOF-Mult
BBC-S-East ADC Sum

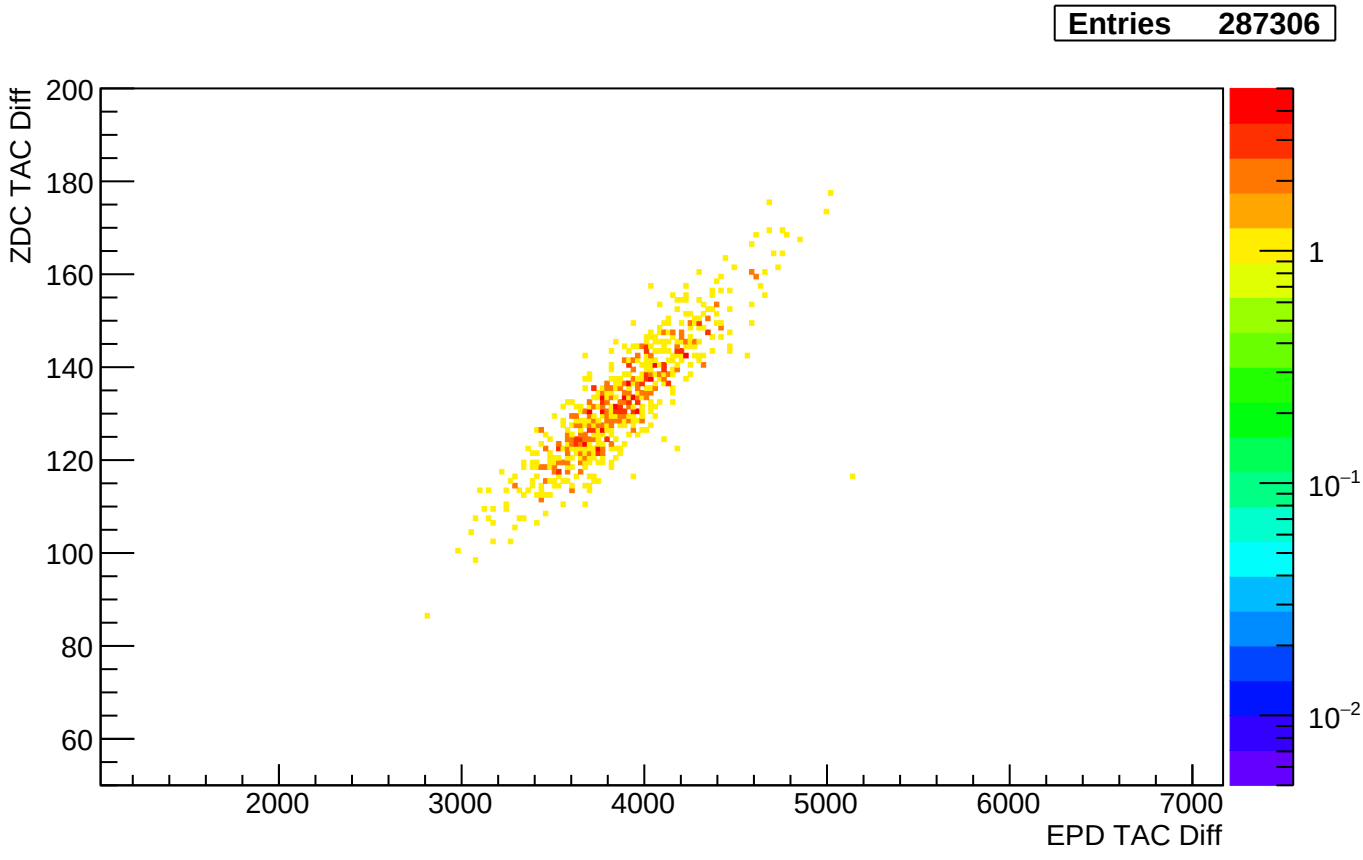

Entries 287306
TOF-Mult
BBC-S-West ADC Sum

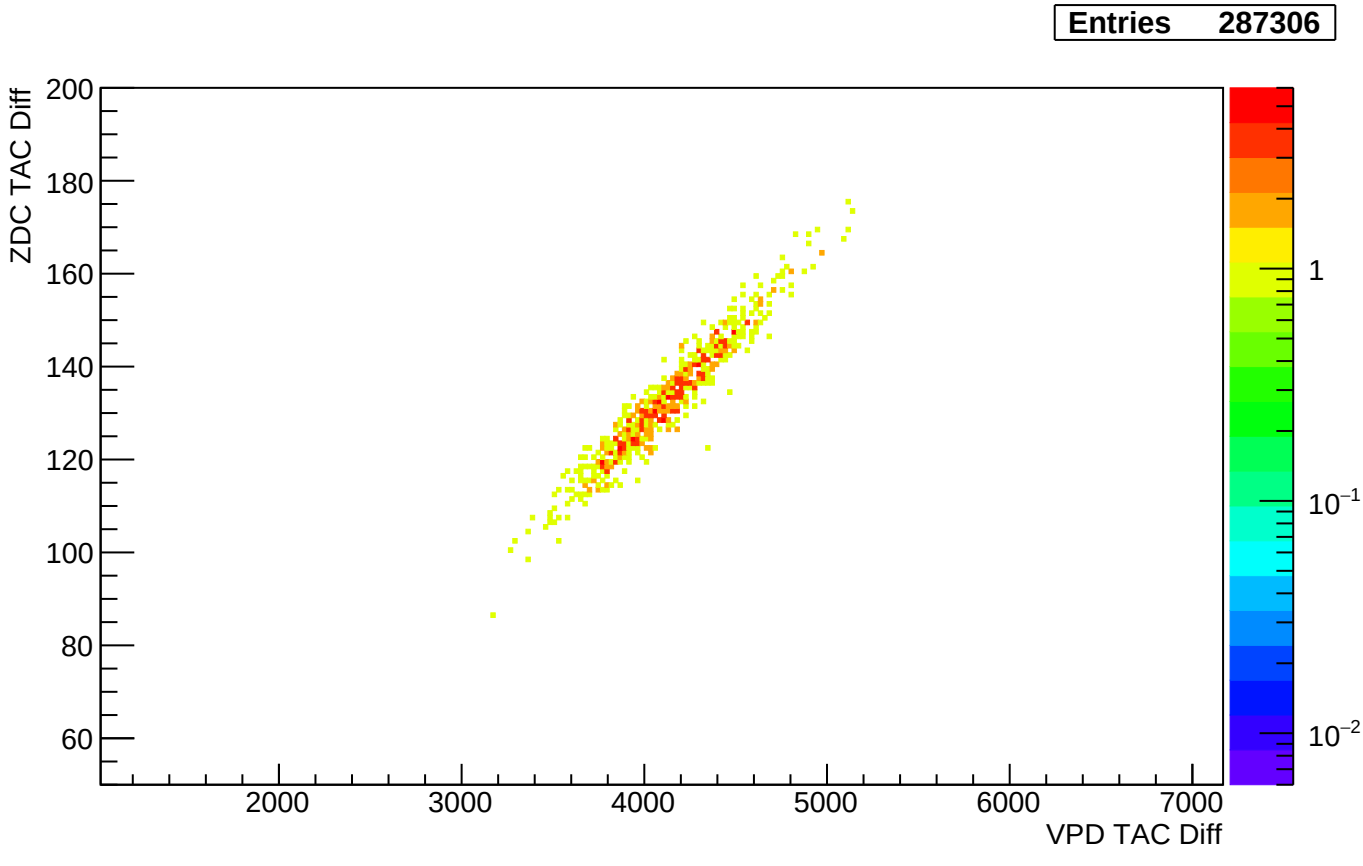

Entries 287306
TOF-Mult
EPD-East Hit Cnt

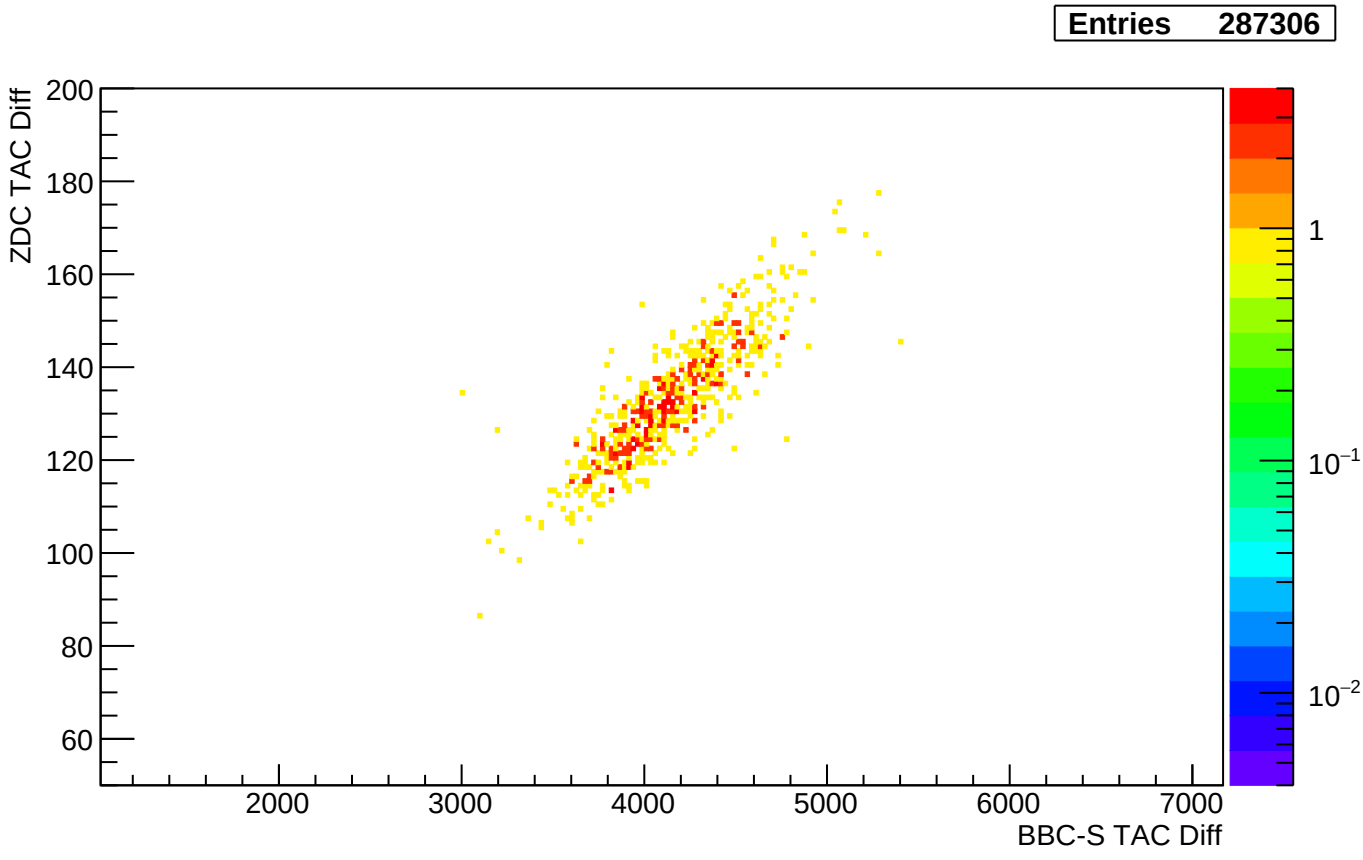

Entries 287306
TOF-Mult
EPD-West Hit Cnt

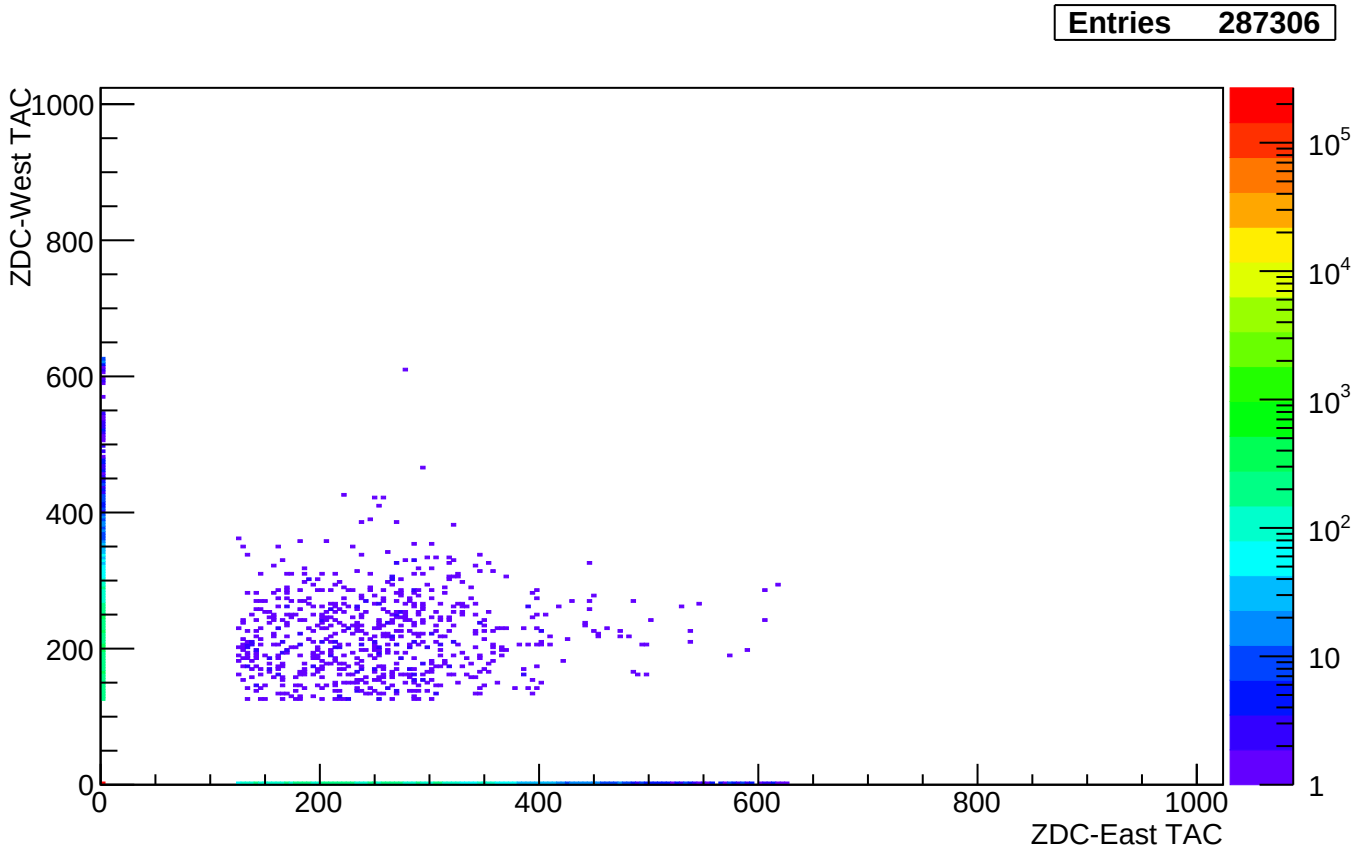

Entries 287306
TOF-Mult
VPD-East ADC Sum

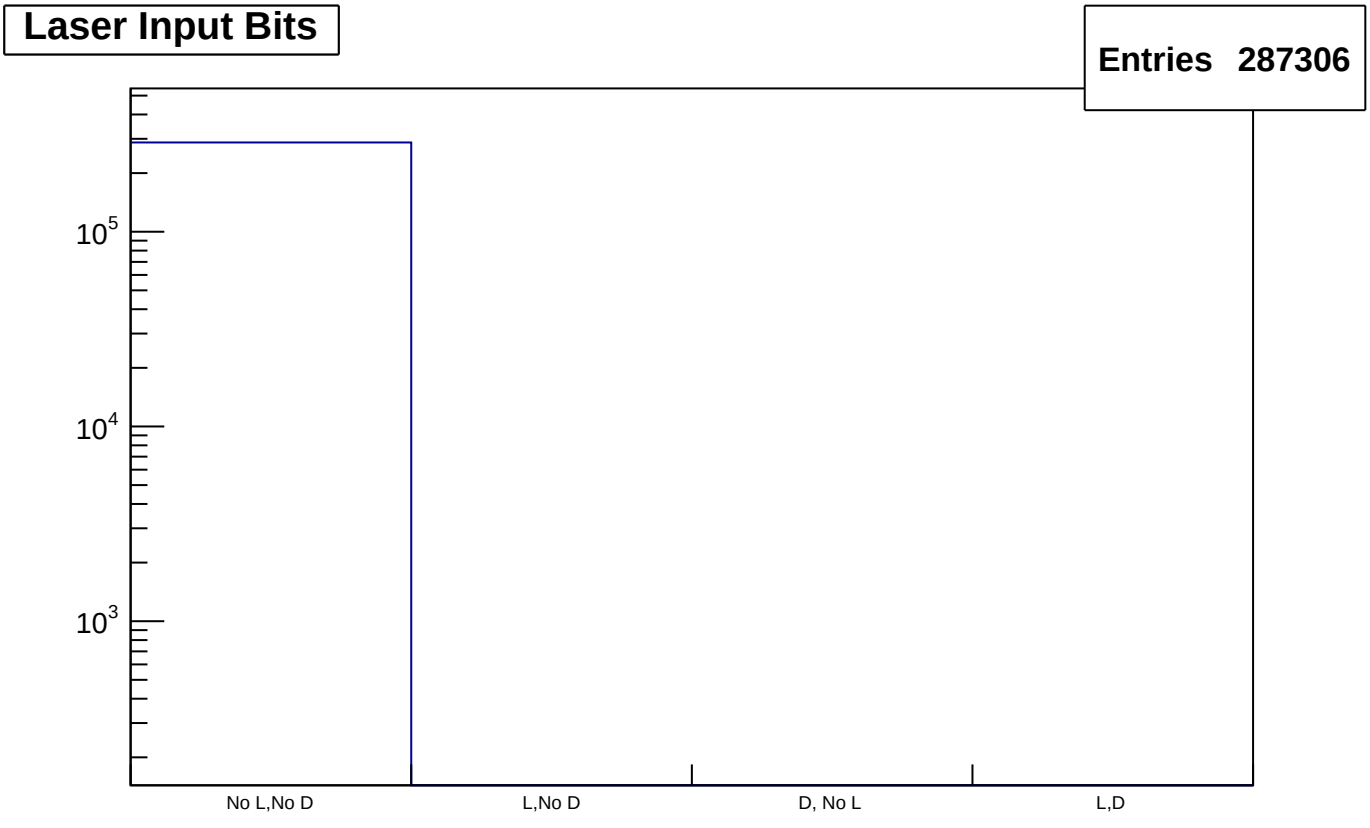

Entries 287306
TOF-Mult
VPD-West ADC Sum

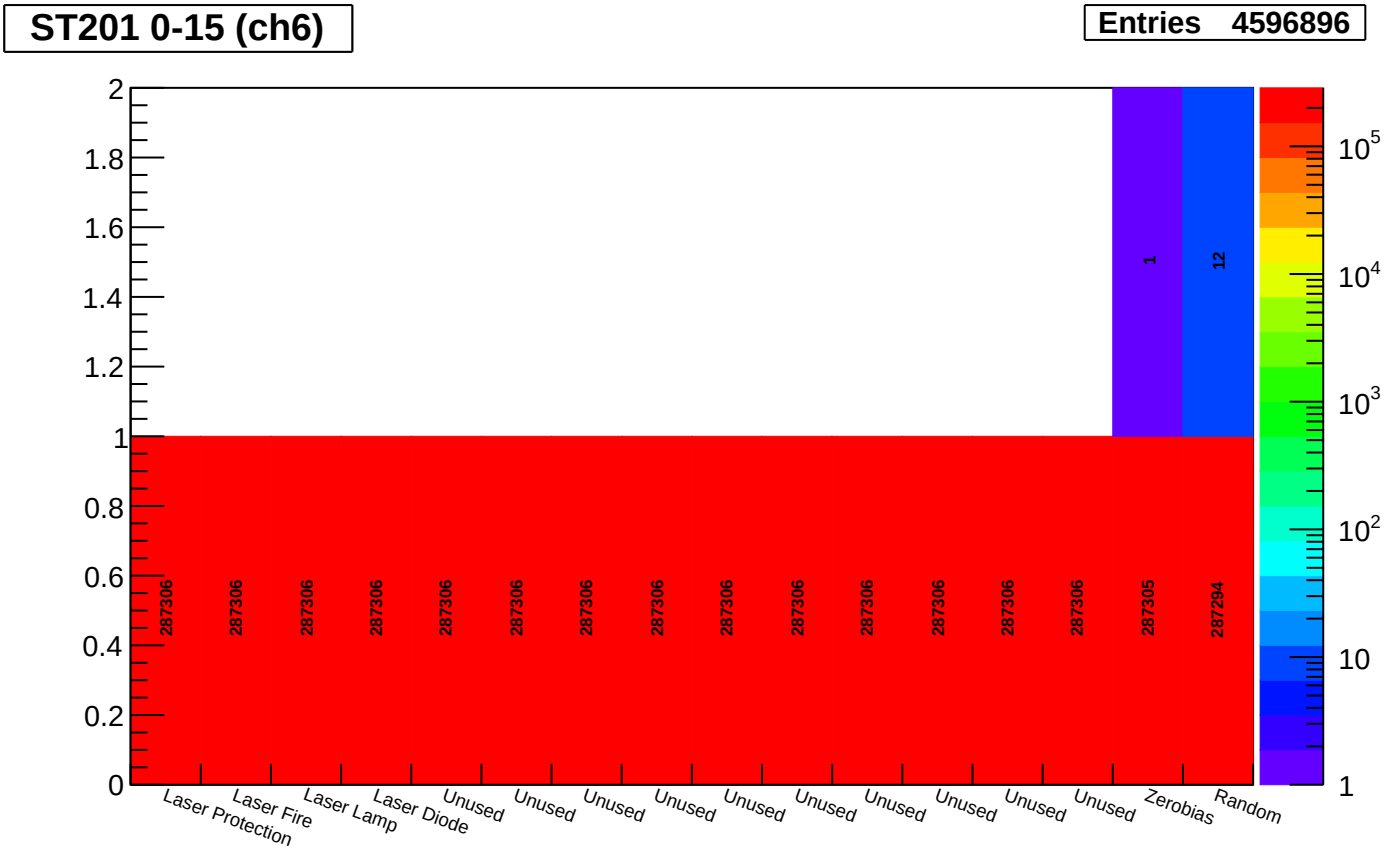

Entries 287306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

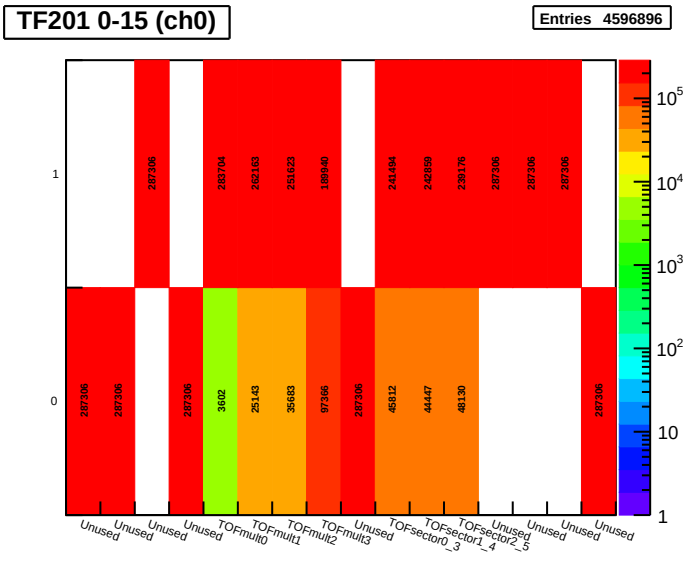

Entries 287306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

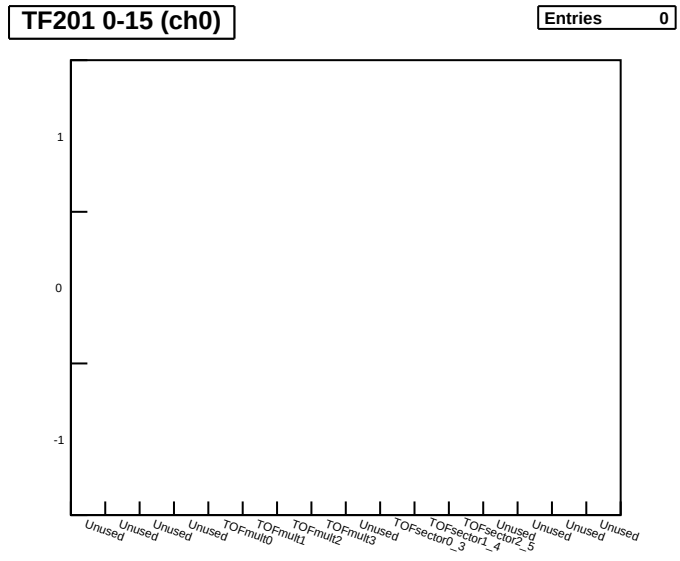

Entries 287306
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

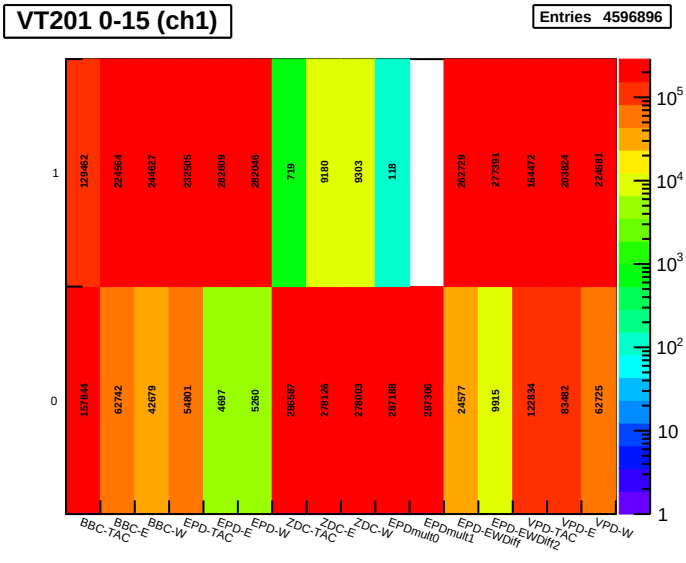

Entries 287306
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

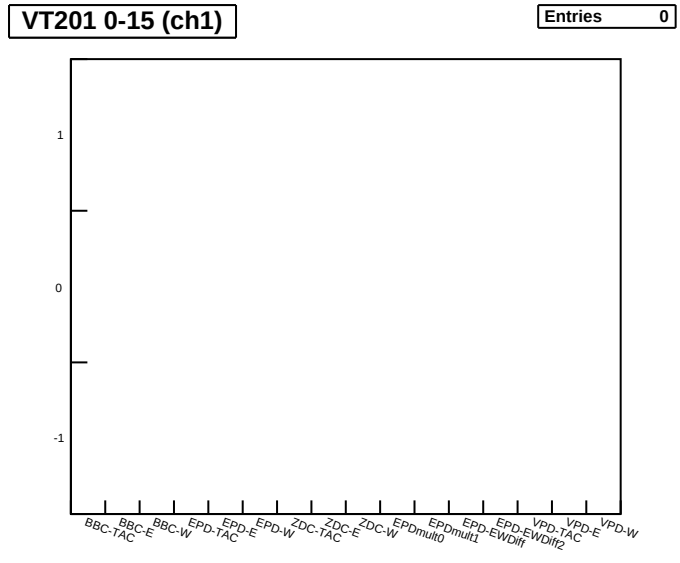

Laser Input Bits
Entries 287306
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

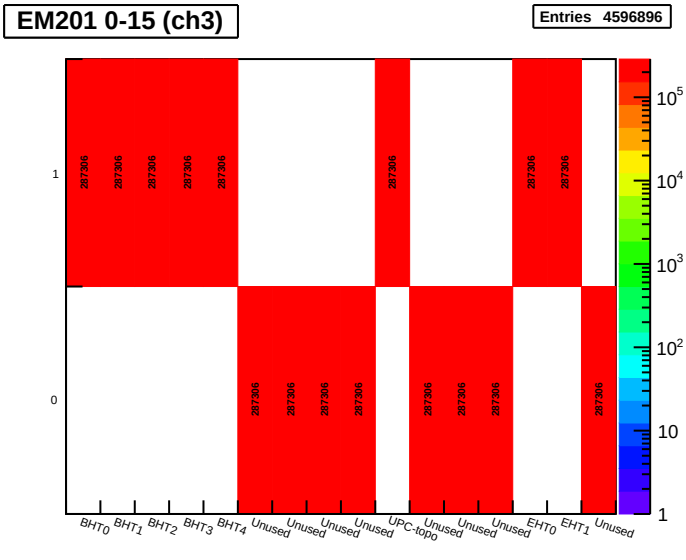

ST201 0-15 (ch6)
Entries 4596896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
287306
287306
287306
287306
287306
287306
287306
287306
287306
287306
287306
287306
287306
287306
287305
287294
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

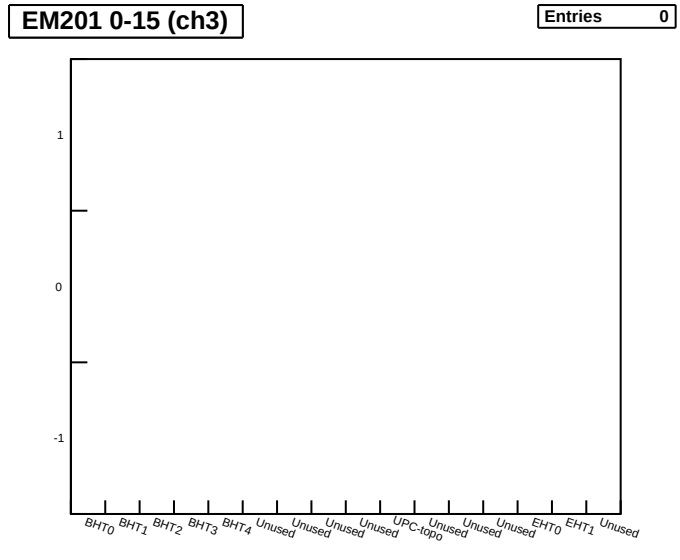

TF201 0-15 (ch0)
Entries 4596896
1
0
287306 287306 287306 3602 25143 35683 97366 287306 45812 44447 48130 287306
287306 287306 287306 283704 282163 251623 189940 241494 242859 239176 287306 287306 287306
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4596896
1
0
129462 224564 244627 232505 282609 282046 719 9180 9303 118 262729 273391 164472 203824 224581
157844 62742 42679 54801 4697 5260 286587 278126 278003 287188 287306 24577 9915 122834 83482 62725
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 10 10^2 10^3 10^4 10^5


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 4596896
1
0
287306 287306 287306 287306 287306 287306 287306
287306 287306 287306 287306 287306 287306 287306 287306 287306
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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