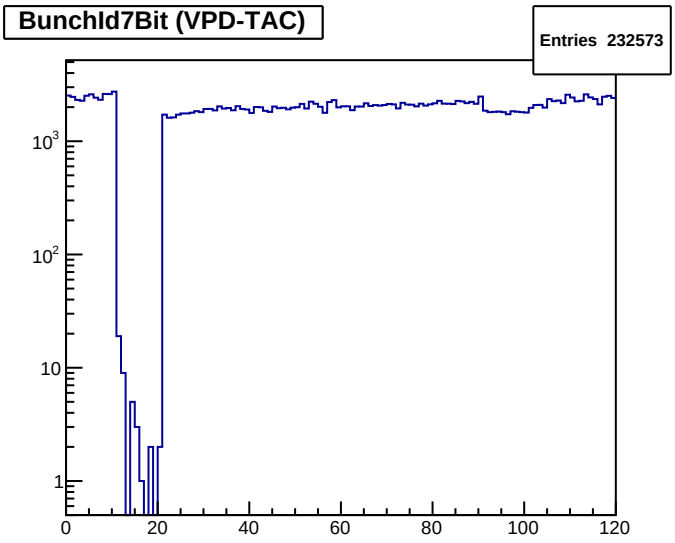
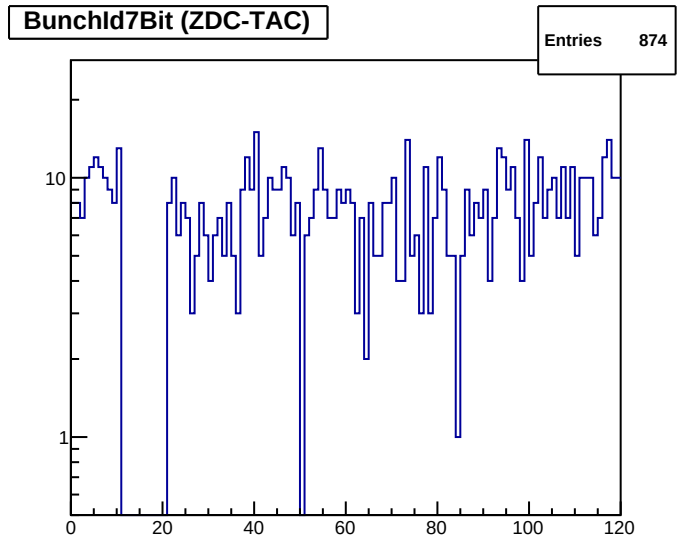
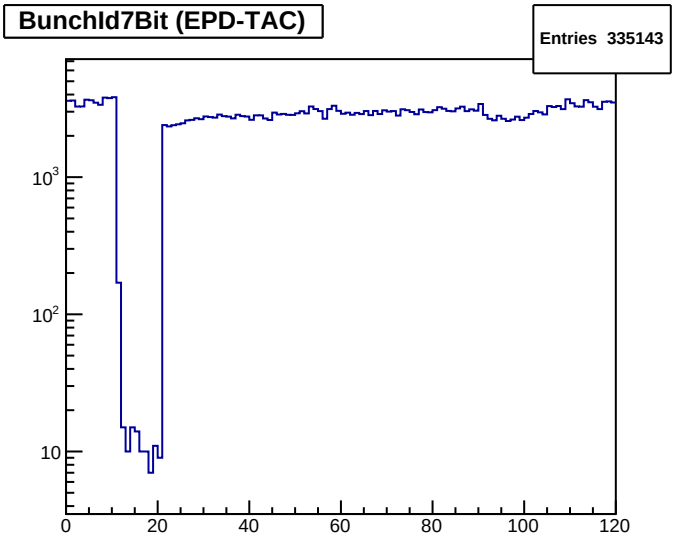
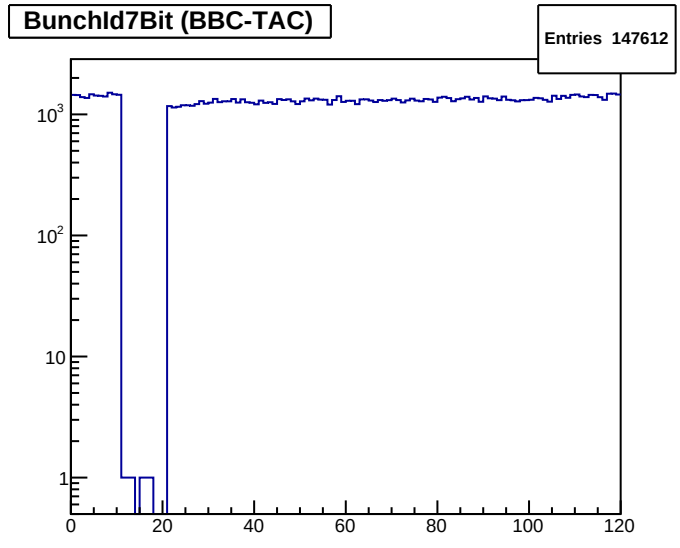
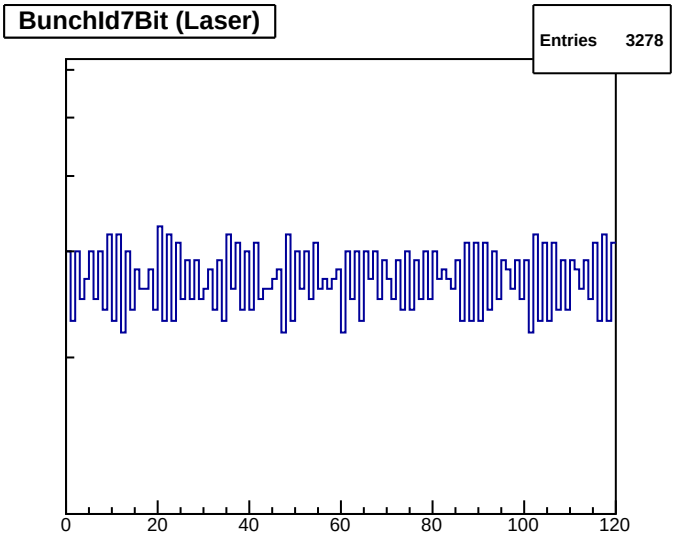
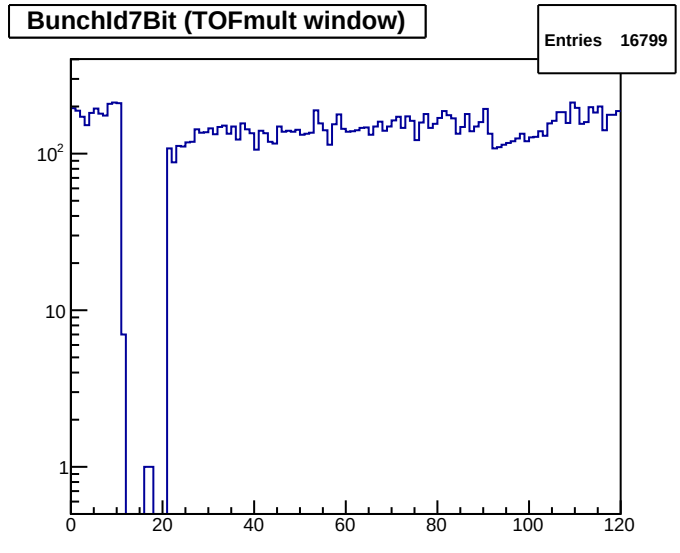

BunchId7Bit (VPD-TAC)
Entries 232573

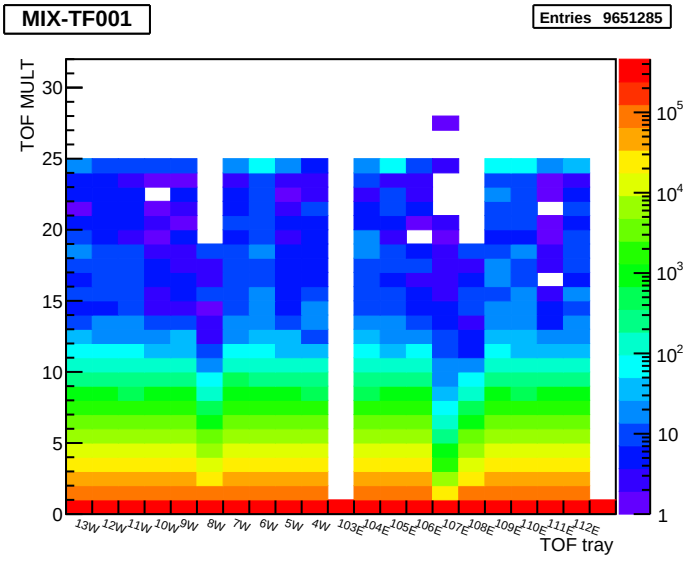

BunchId7Bit (ZDC-TAC)
Entries 874

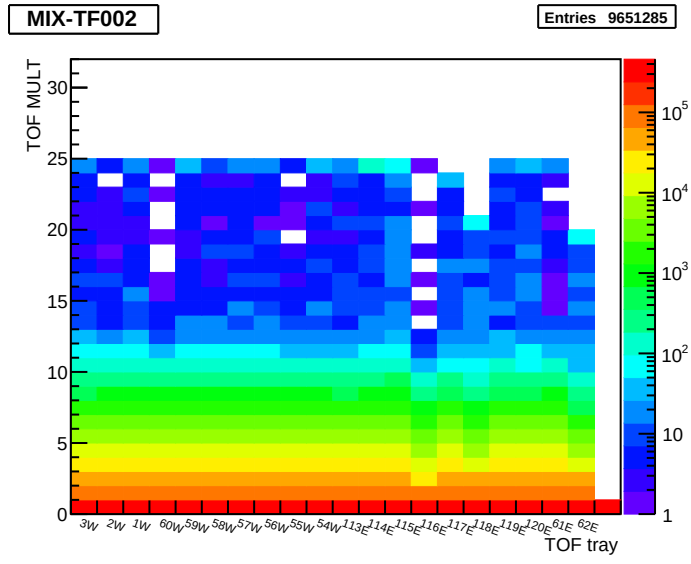

BunchId7Bit (EPD-TAC)
Entries 335143

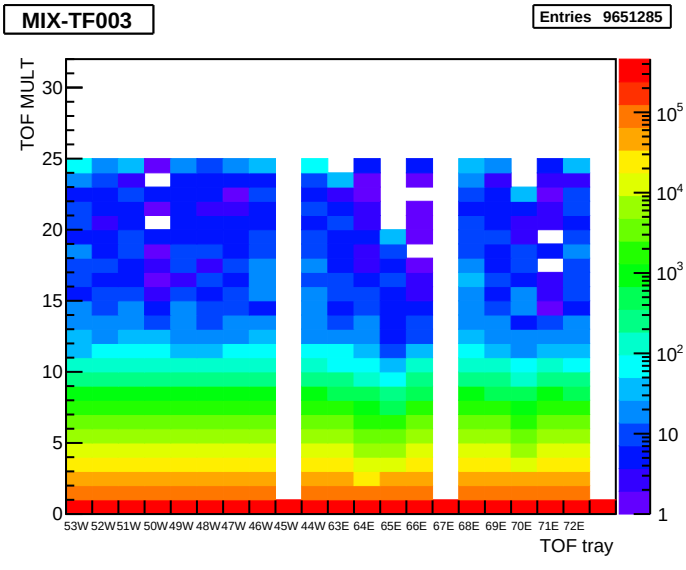

BunchId7Bit (BBC-TAC)
Entries 147612

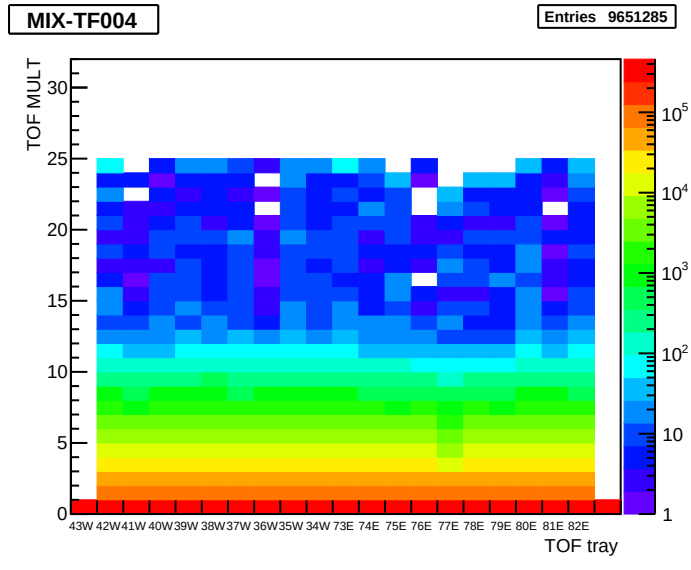

BunchId7Bit (Laser)
Entries 3278

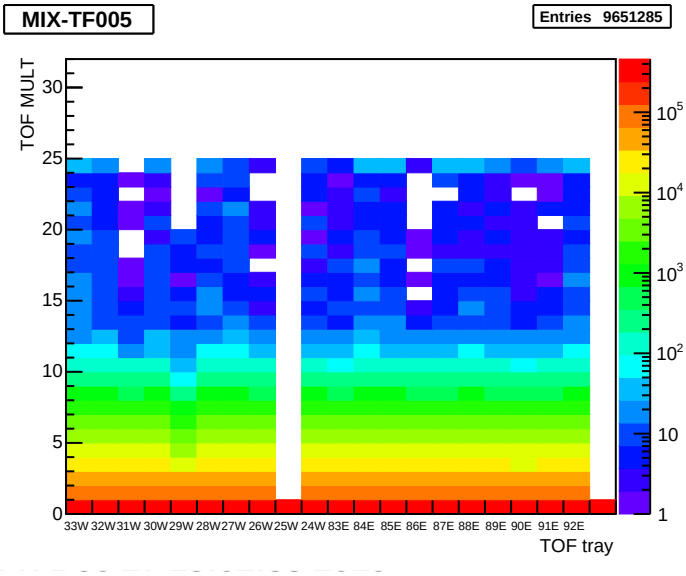

BunchId7Bit (TOFmult window)
Entries 16799

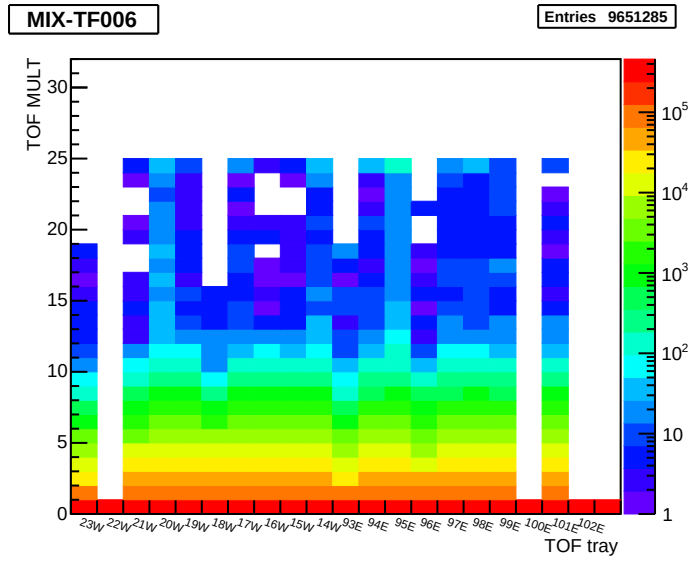

MIX-TF001
Entries 9651285
TOF MULT
TOF tray

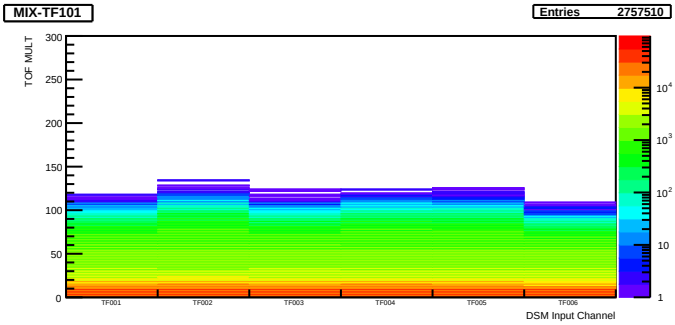

MIX-TF002
Entries 9651285
TOF MULT
TOF tray

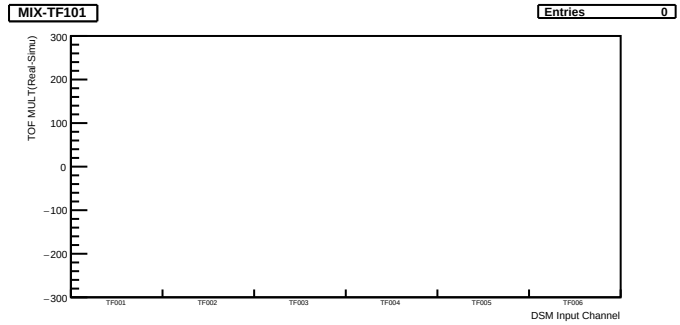

MIX-TF003
Entries 9651285
TOF MULT
TOF tray

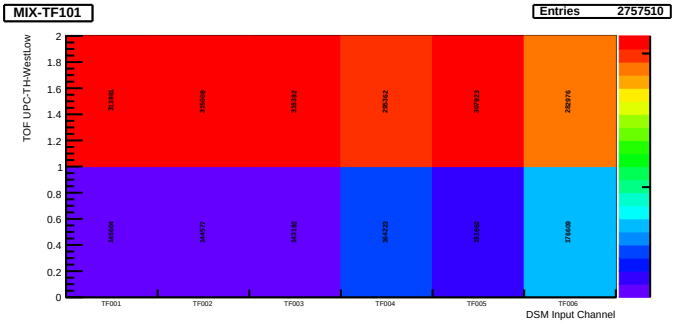

MIX-TF004
Entries 9651285
TOF MULT
TOF tray

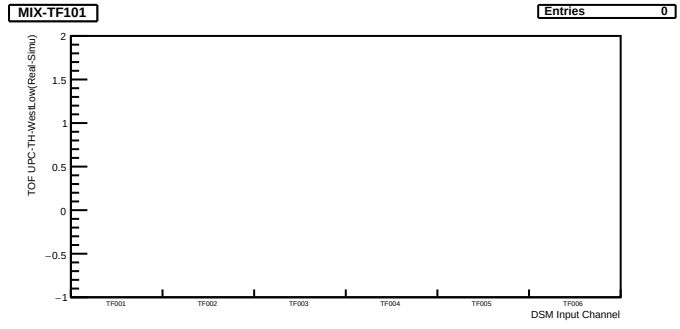

MIX-TF005
Entries 9651285
TOF MULT
TOF tray

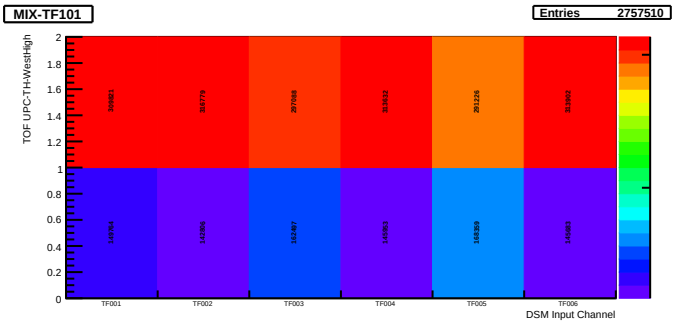

MIX-TF006
Entries 9651285
TOF MULT
TOF tray

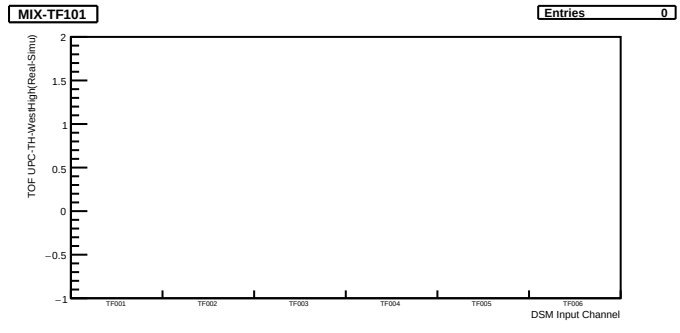

MIX-TF101
Entries 2757510
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

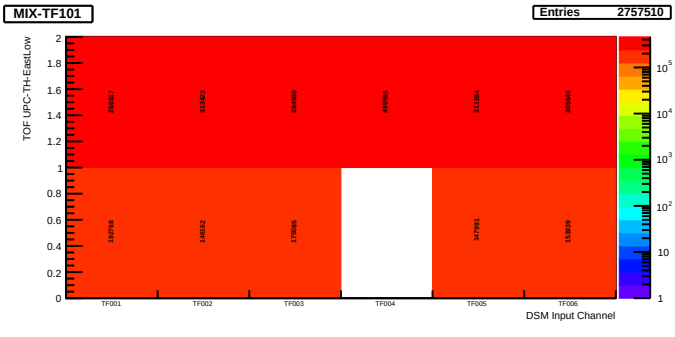

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

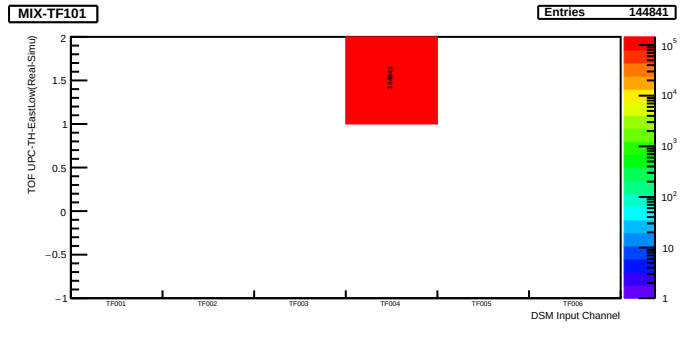

MIX-TF101
Entries 2757510
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

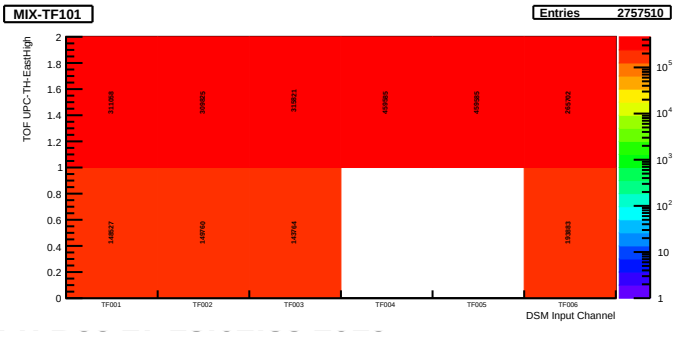

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

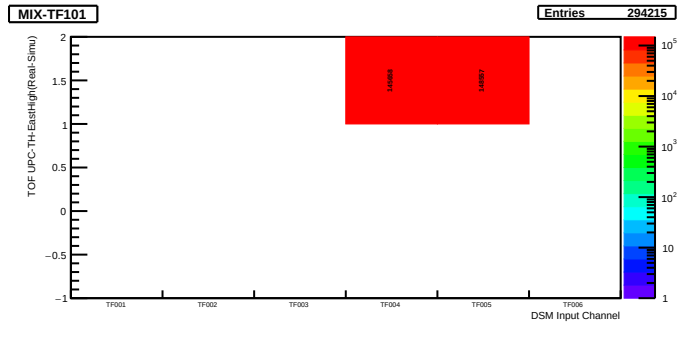

MIX-TF101
Entries 2757510
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

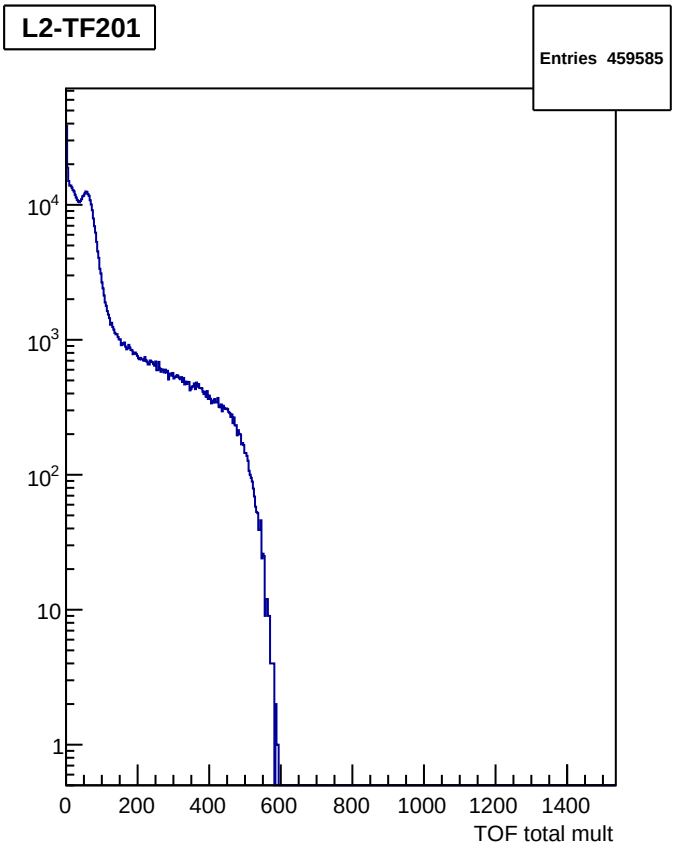

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

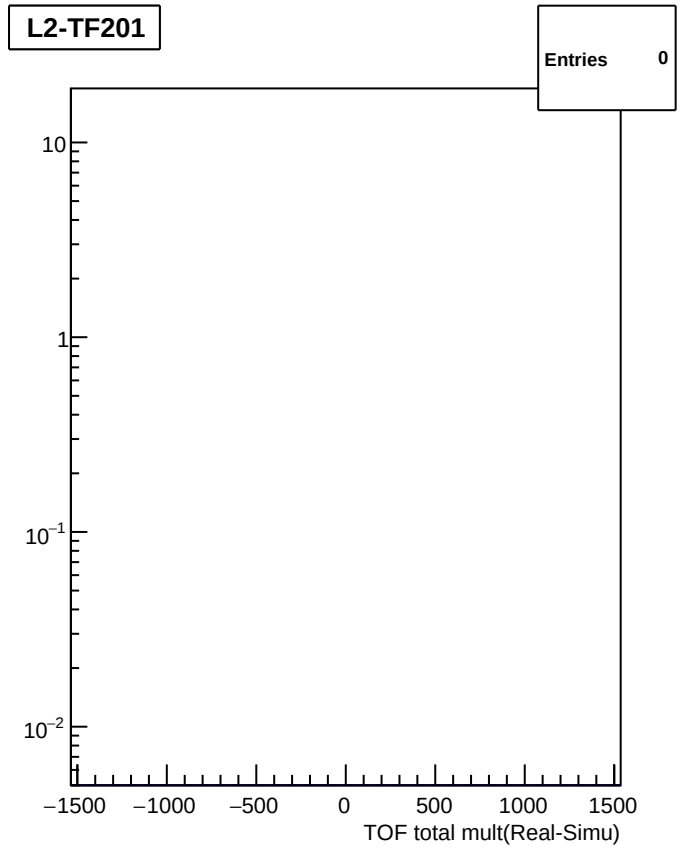

MIX-TF101
Entries 2757510
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

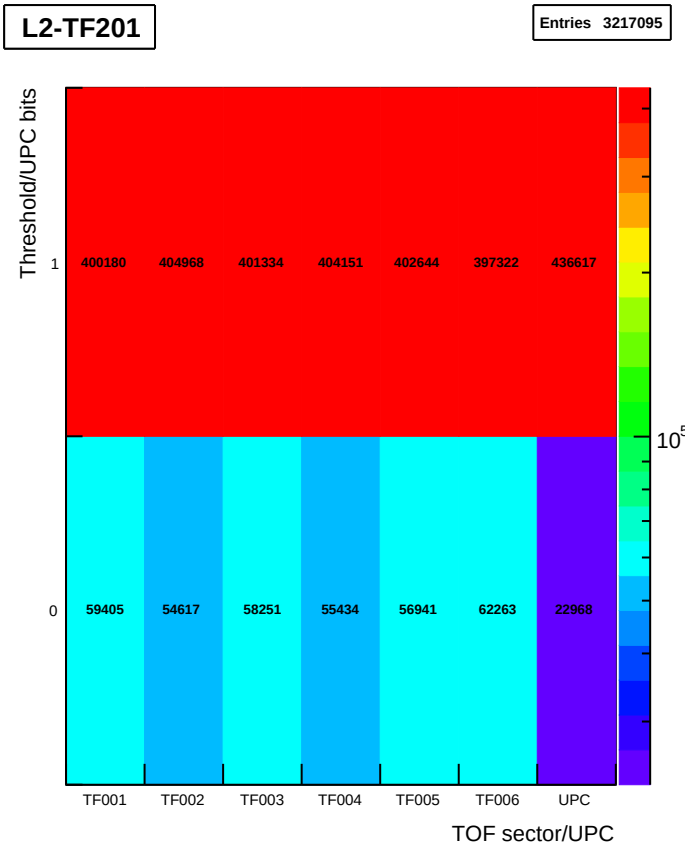

MIX-TF101
Entries 144841
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

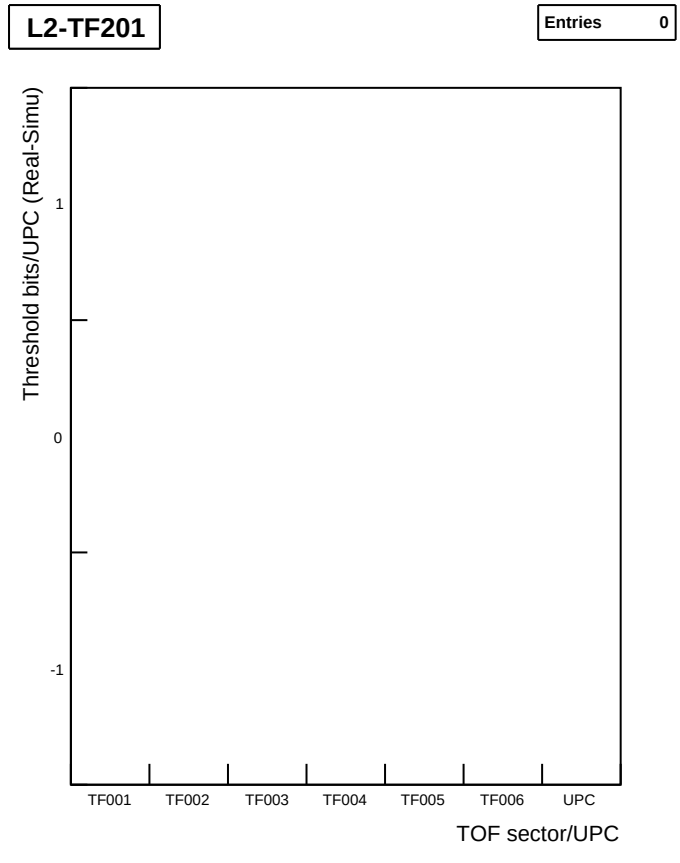

MIX-TF101
Entries 2757510
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

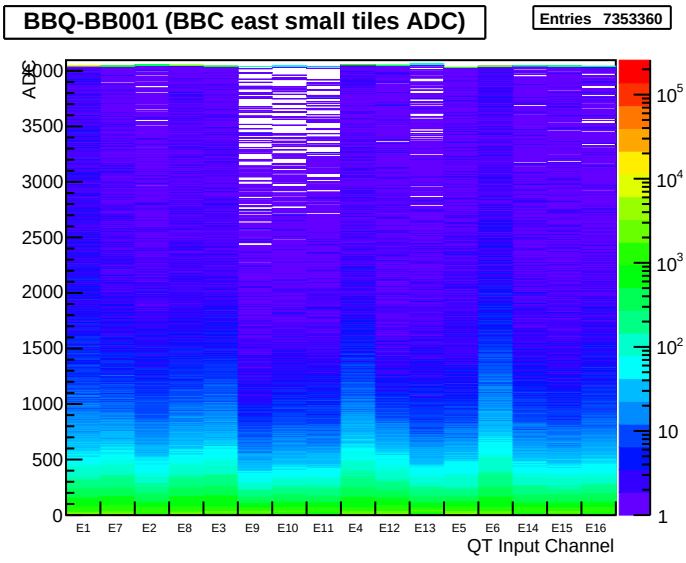

MIX-TF101
Entries 294215
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

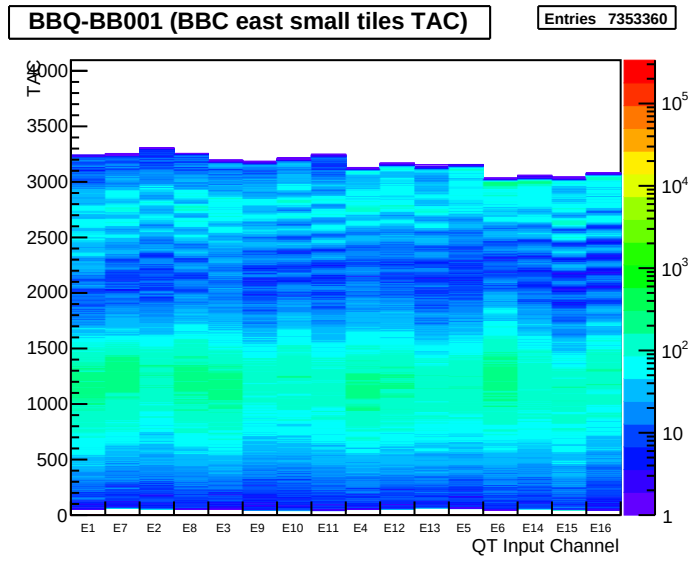

L2-TF201
Entries 459585
TOF total mult

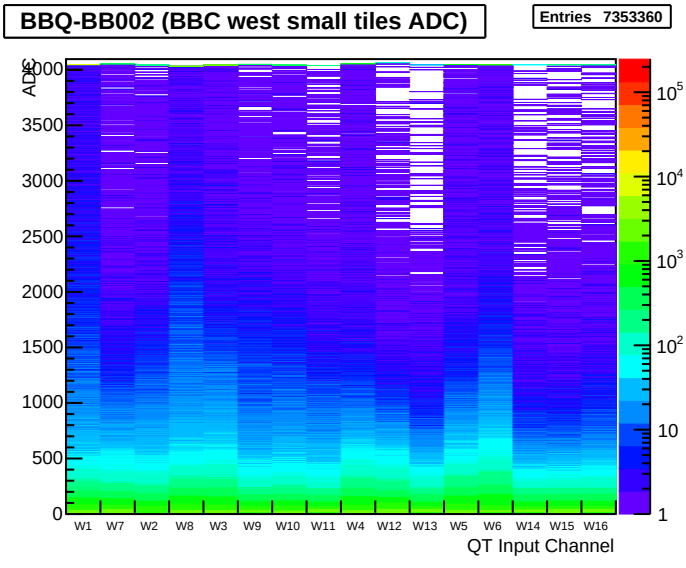

L2-TF201
Entries 0
TOF total mult(Real-Simu)

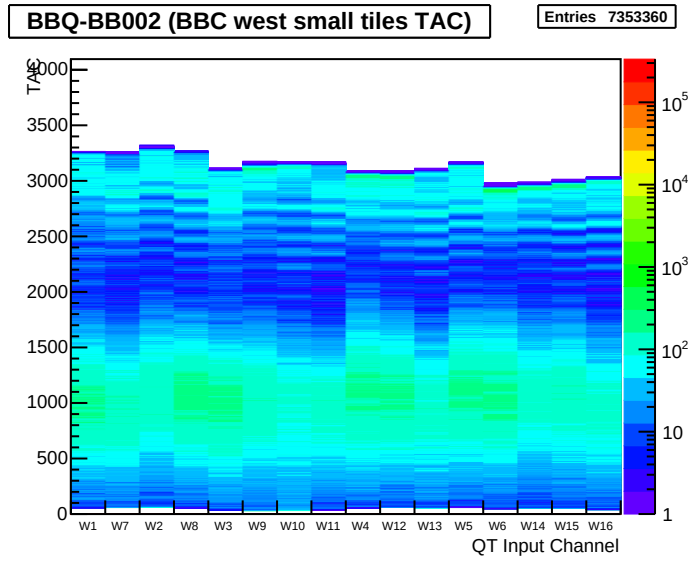

L2-TF201
Entries 3217095
Threshold/UPC bits
400180
404968
401334
404151
402644
397322
436617
59405
54617
58251
55434
56941
62263
22968
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

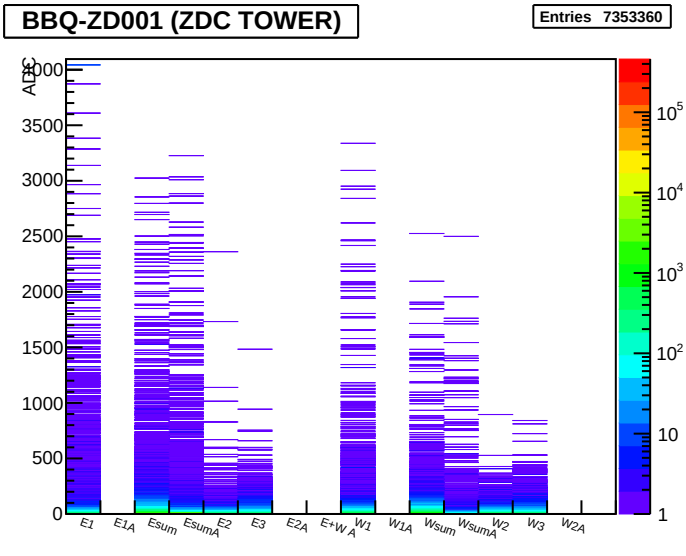

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

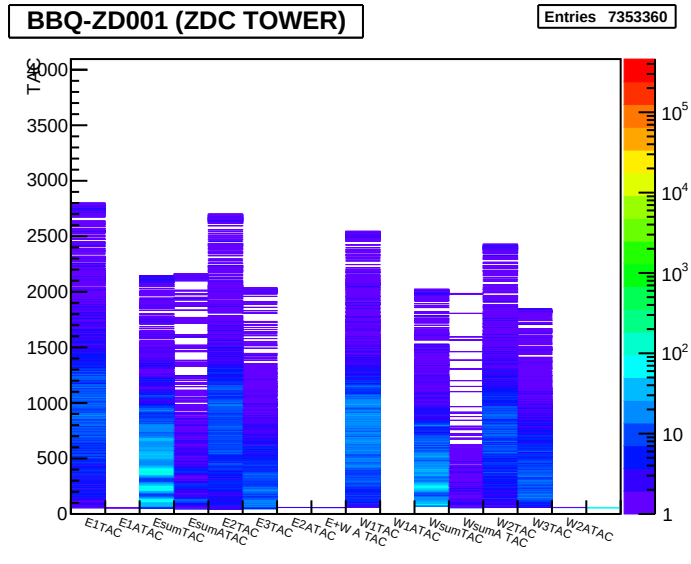

BBQ-BB001 (BBC east small tiles ADC)
Entries 7353360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

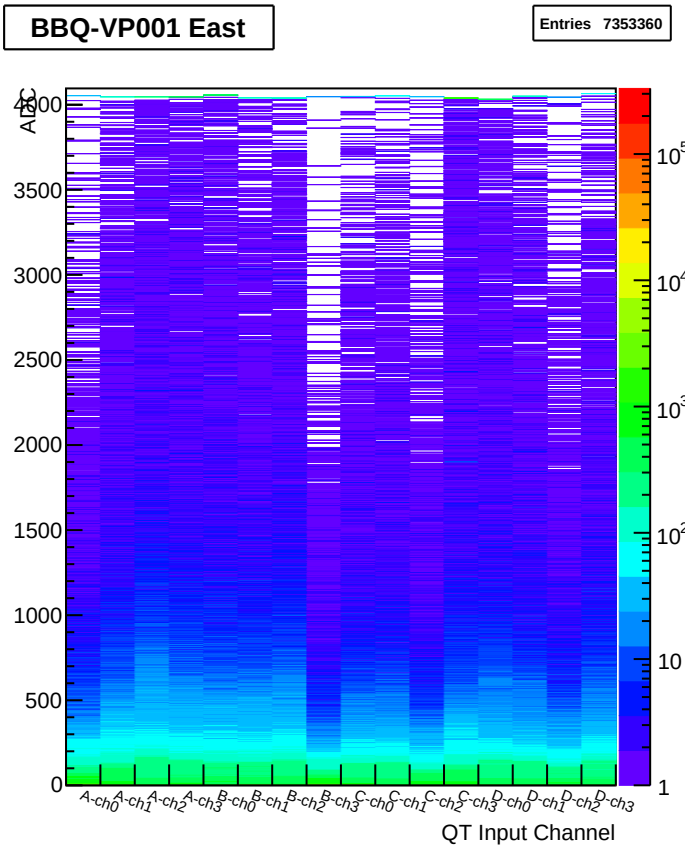

BBQ-BB001 (BBC east small tiles TAC)
Entries 7353360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

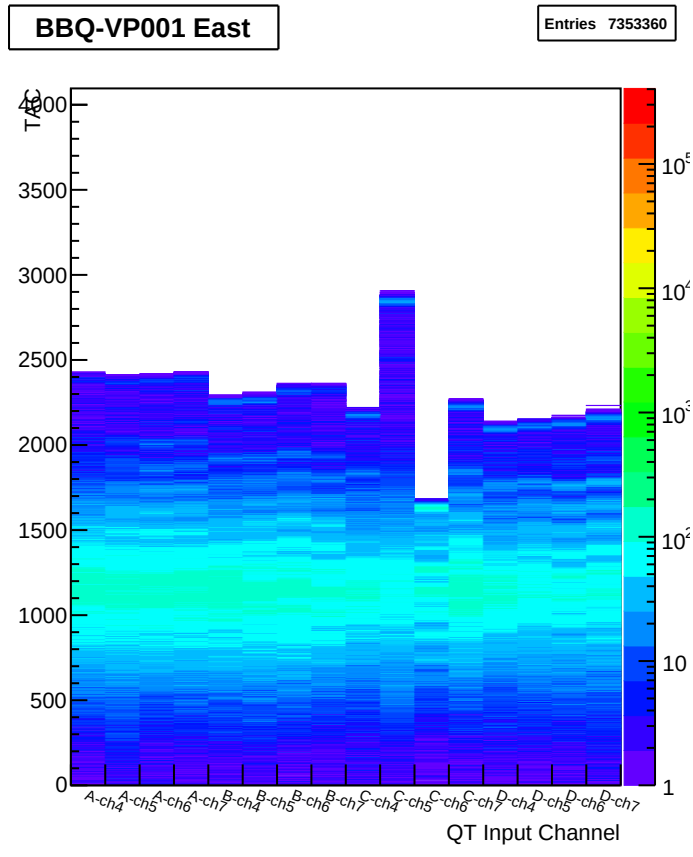

BBQ-BB002 (BBC west small tiles ADC)
Entries 7353360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

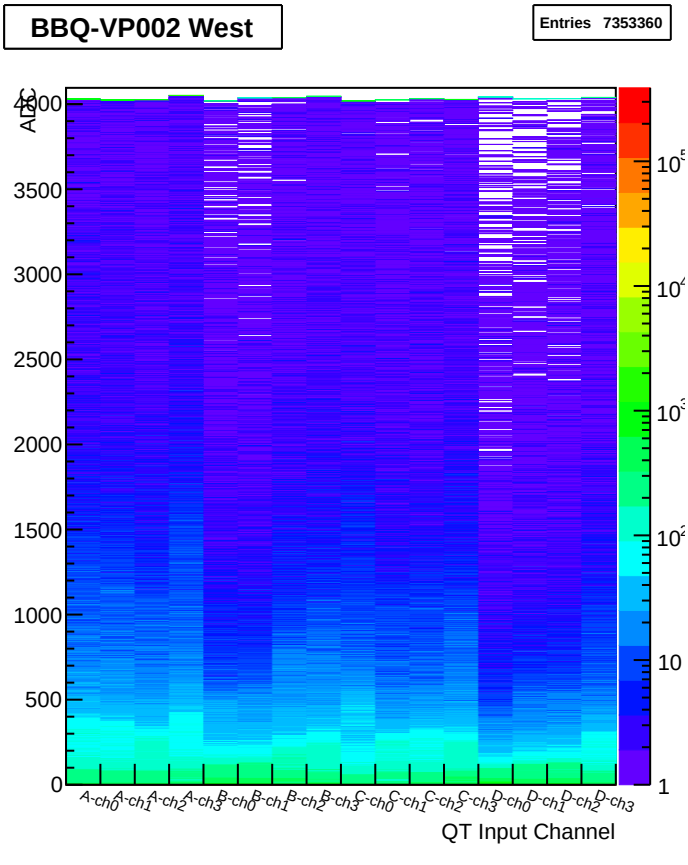

BBQ-BB002 (BBC west small tiles TAC)
Entries 7353360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

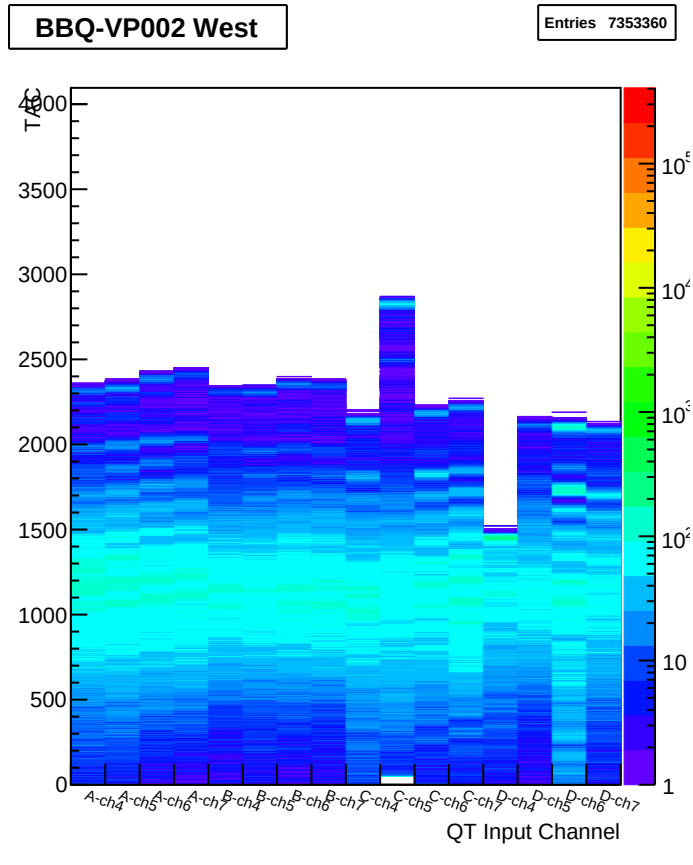

BBQ-ZD001 (ZDC TOWER)
Entries 7353360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

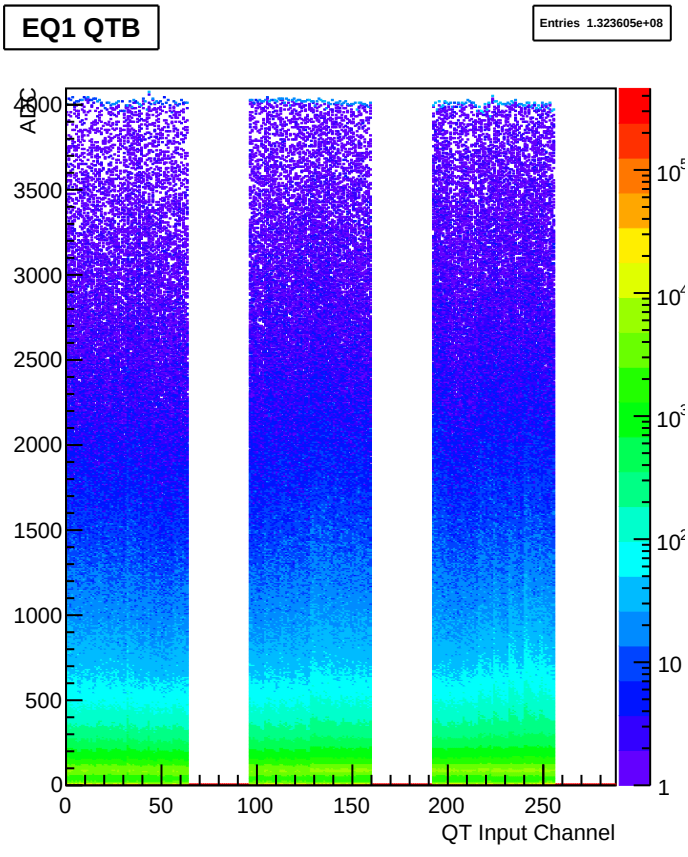

BBQ-ZD001 (ZDC TOWER)
Entries 7353360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

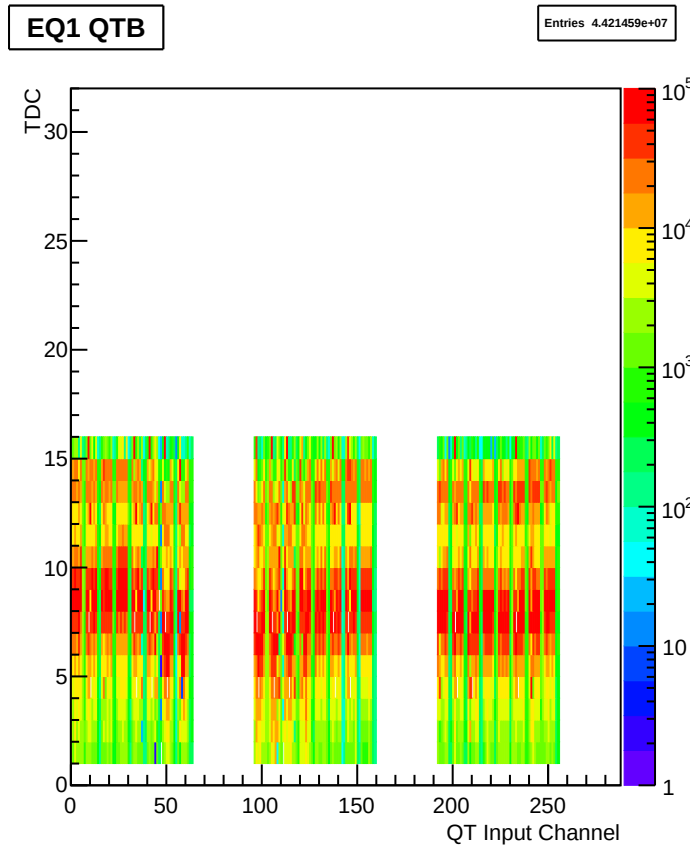

BBQ-VP001 East
Entries 7353360
ADC
QT Input Channel

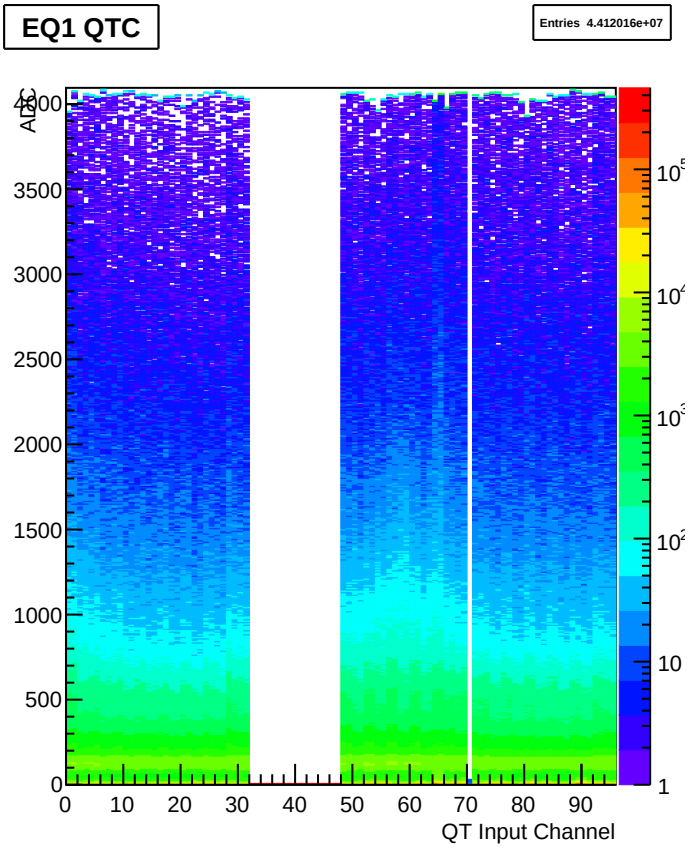

BBQ-VP001 East
Entries 7353360
ADC
QT Input Channel

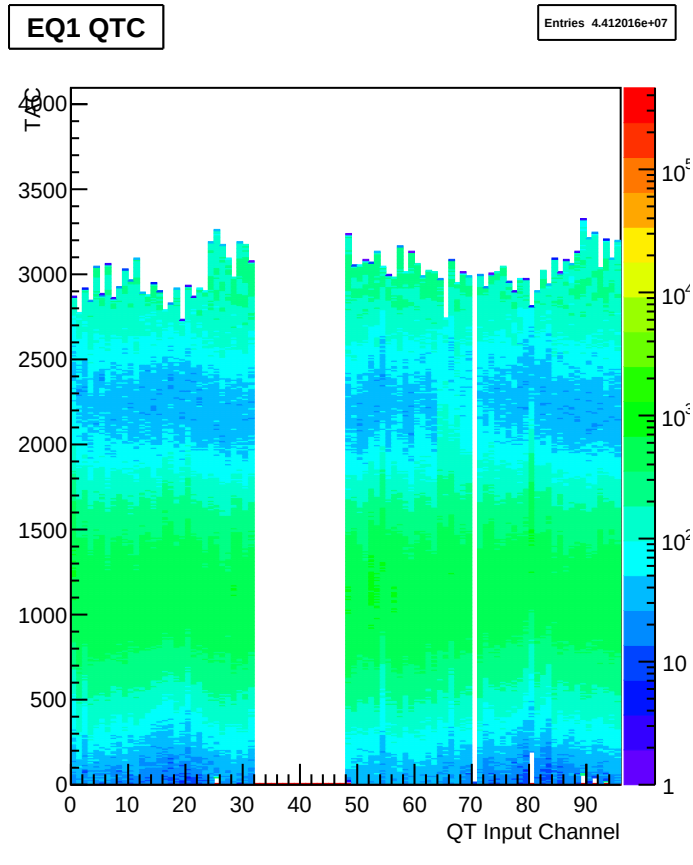

BBQ-VP002 West
Entries 7353360
ADC
QT Input Channel

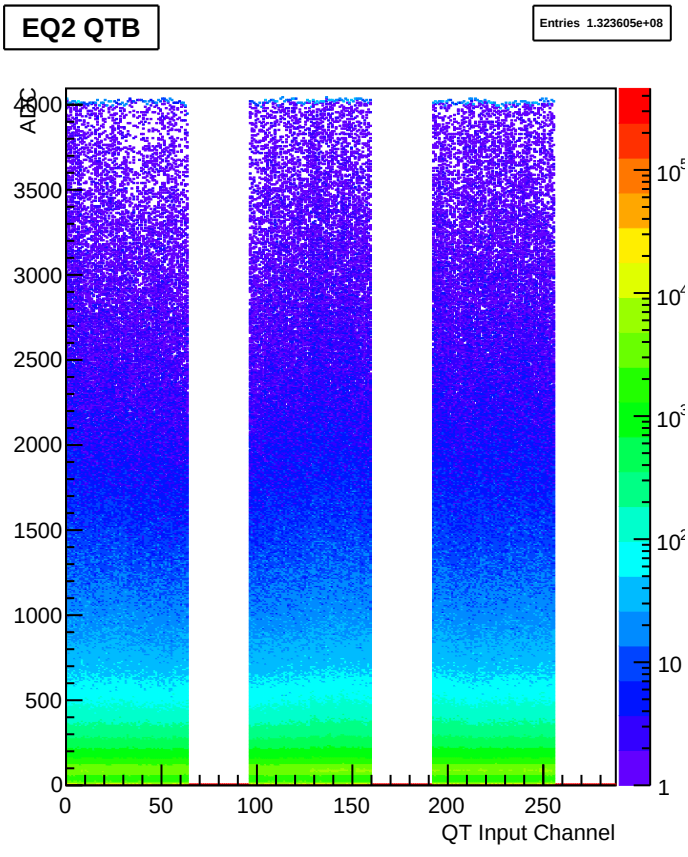

BBQ-VP002 West
Entries 7353360
ADC
QT Input Channel

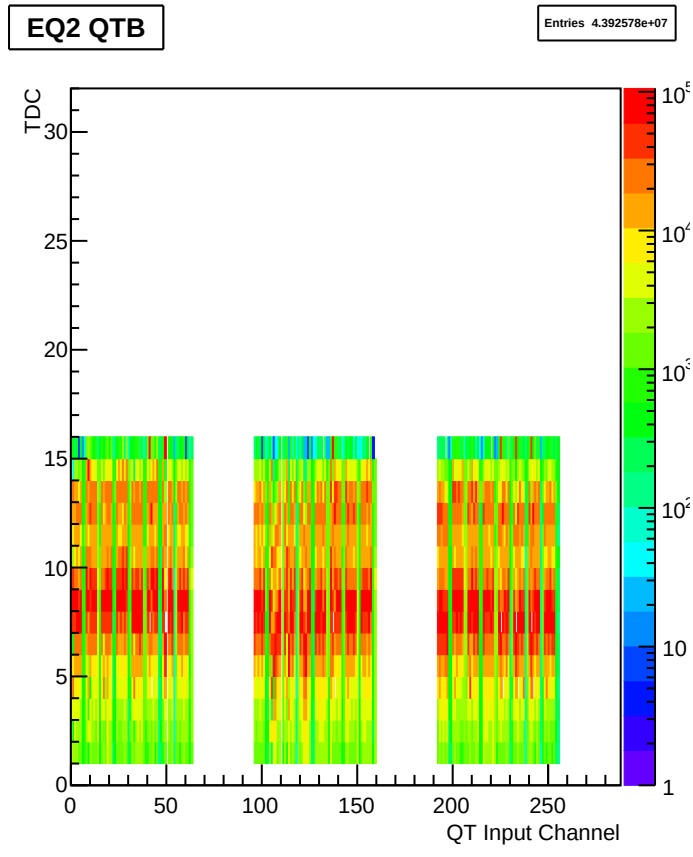

EQ1 QTB
Entries 1.323605e+08
ADC
QT Input Channel

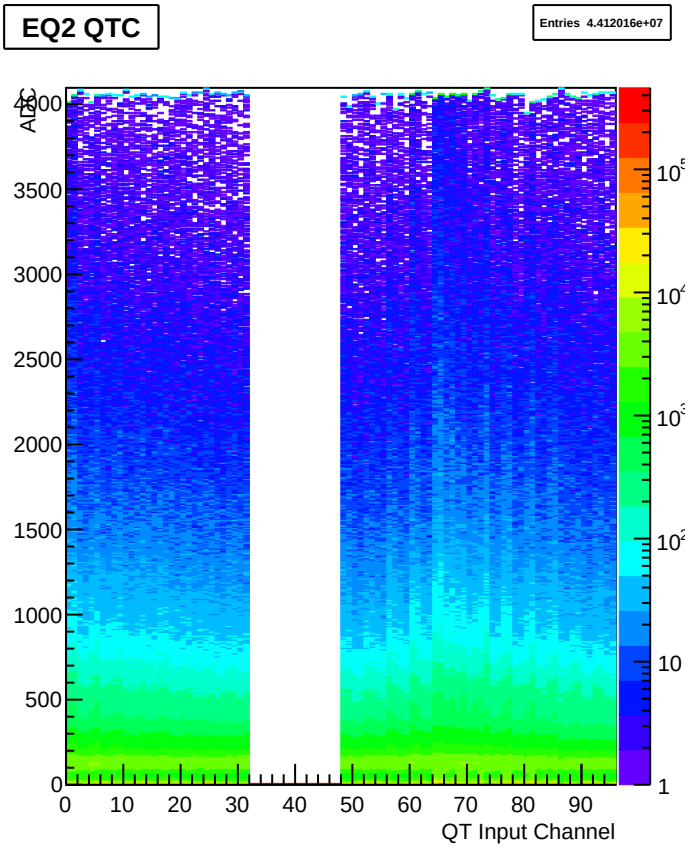

EQ1 QTB
Entries 4.421459e+07
TDC
QT Input Channel

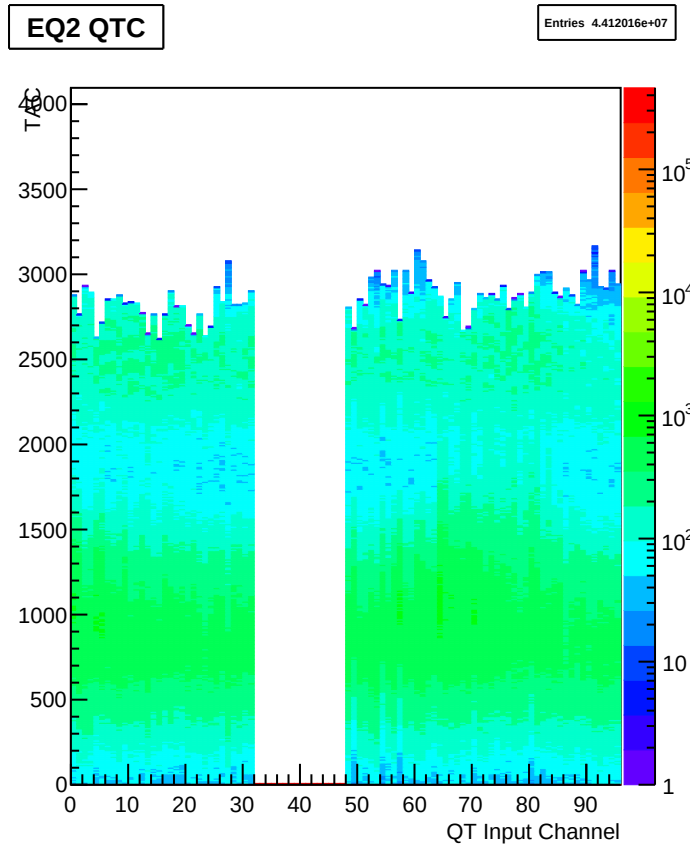

EQ1 QTC
Entries 4.412016e+07
ADC
QT Input Channel

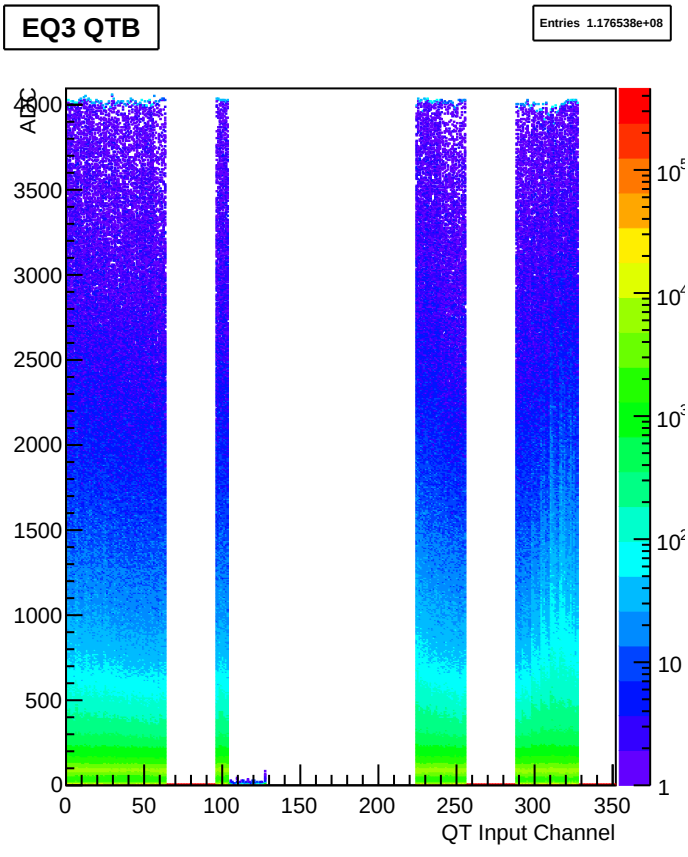

EQ1 QTC
Entries 4.412016e+07
TADC
QT Input Channel

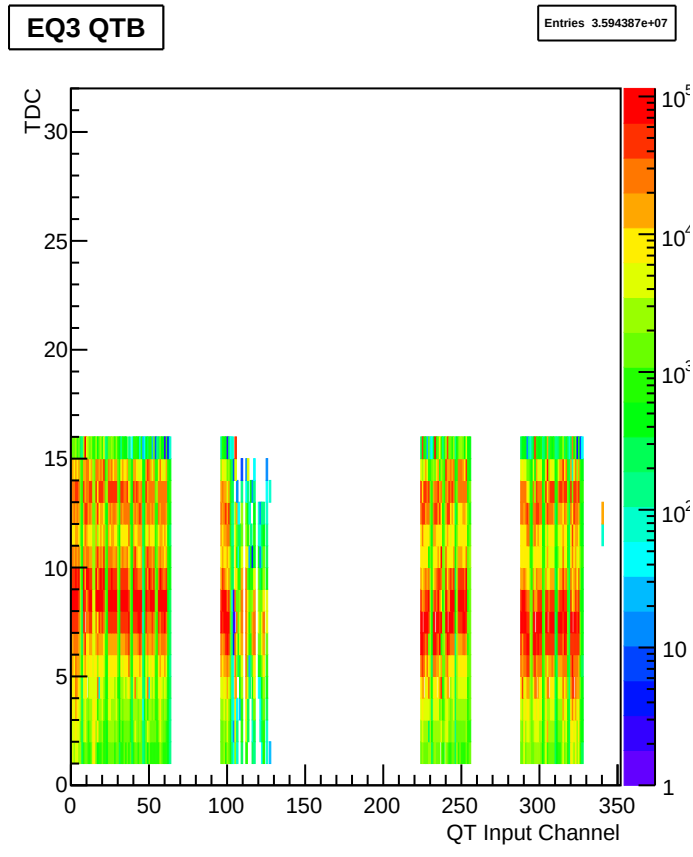

EQ2 QTB
Entries 1.323605e+08
ADC
QT Input Channel

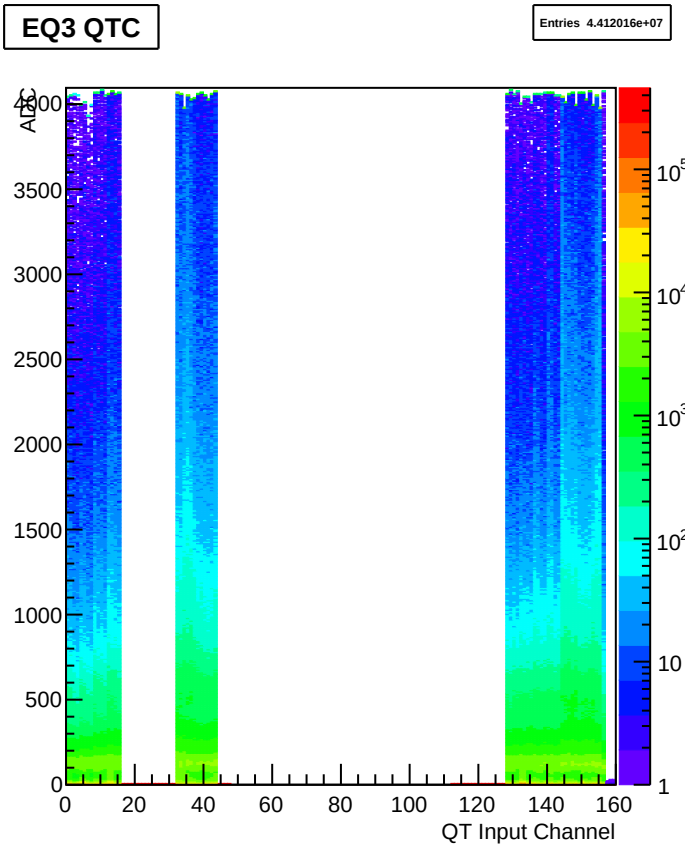

EQ2 QTB
Entries 4.392578e+07
TDC
QT Input Channel

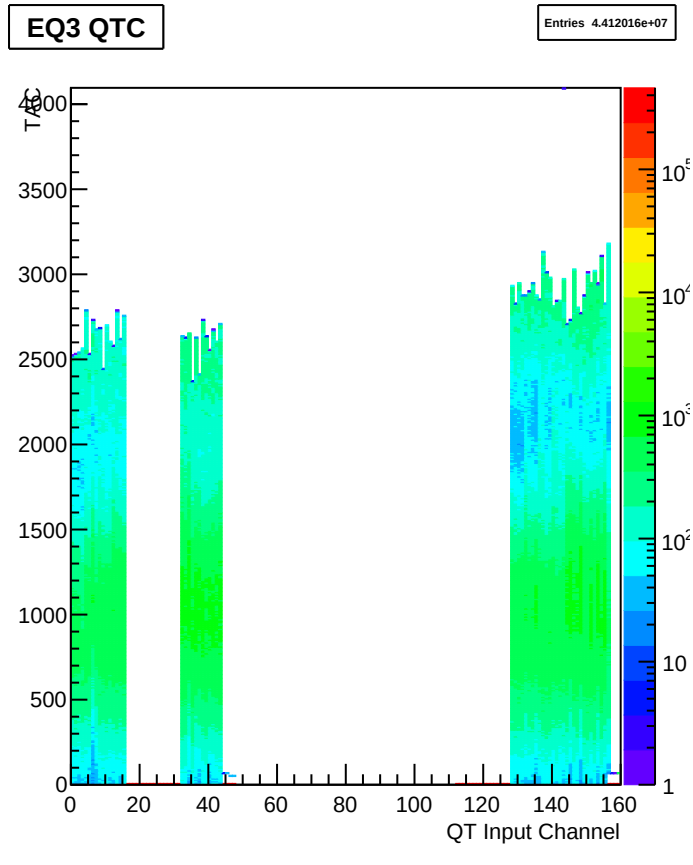

EQ2 QTC
Entries 4.412016e+07
ADC
QT Input Channel

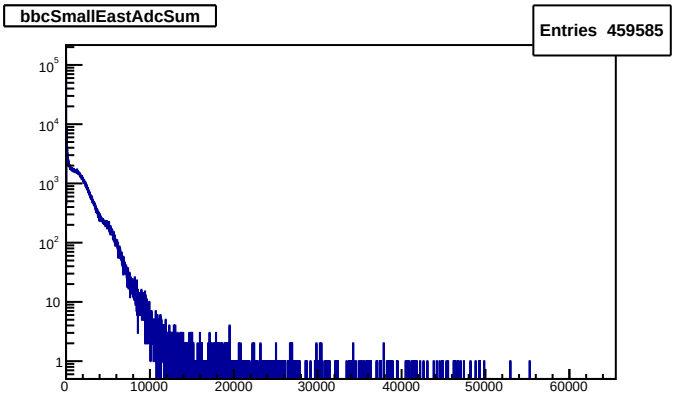

EQ2 QTC
Entries 4.412016e+07
TADC
QT Input Channel

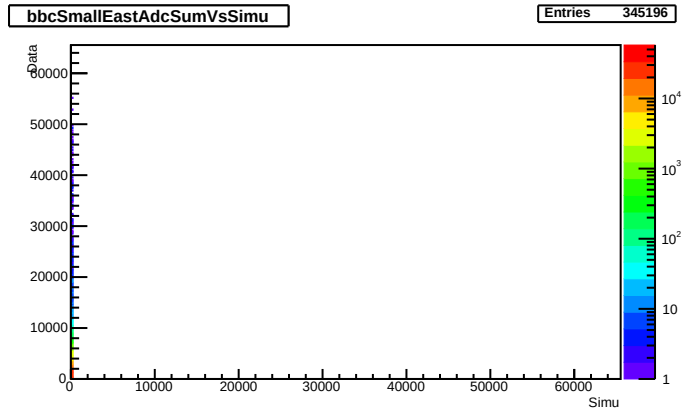

EQ3 QTB
Entries 1.176538e+08
ADC
QT Input Channel

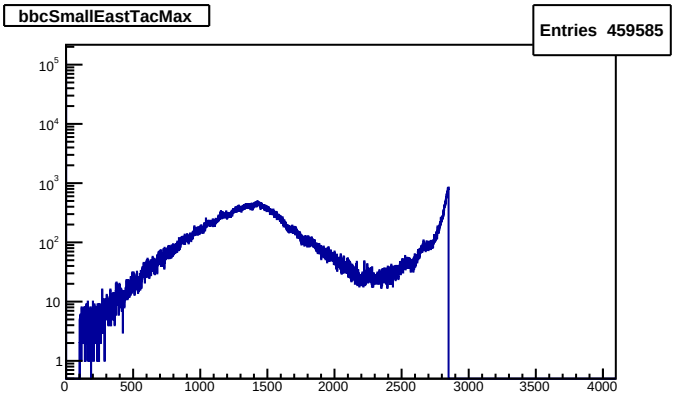

EQ3 QTB
Entries 3.594387e+07
TDC
QT Input Channel

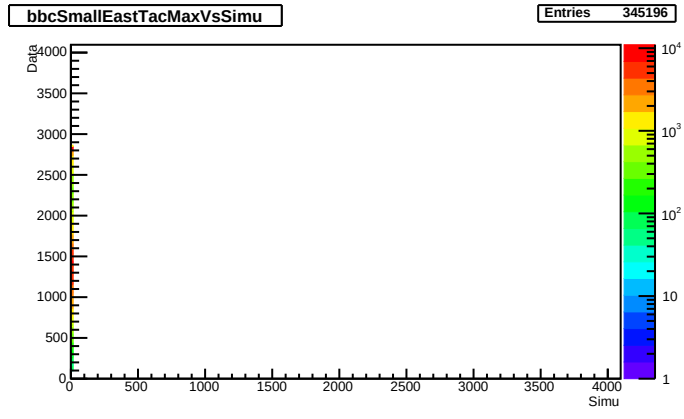

EQ3 QTC
Entries 4.412016e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.412016e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 459585


bbcSmallEastAdcSumVsSimu
Entries 345196
Data
Simu


bbcSmallEastTacMax
Entries 459585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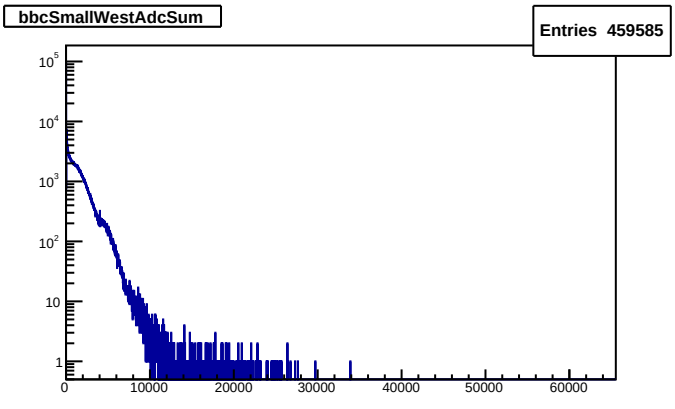
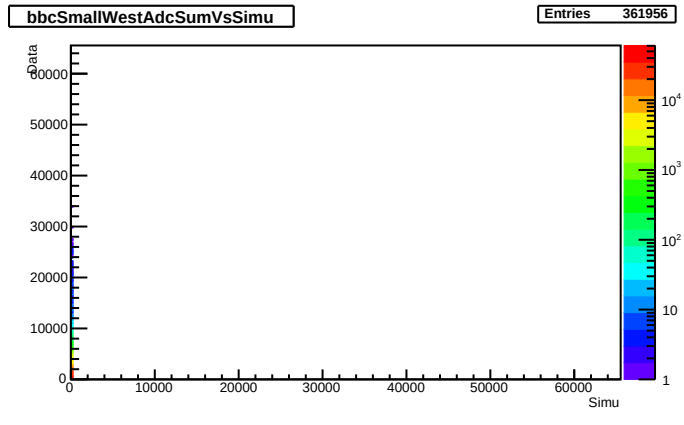
Entries 345196
Data
Simu


bbcSmallWestAdcSum
Entries 459585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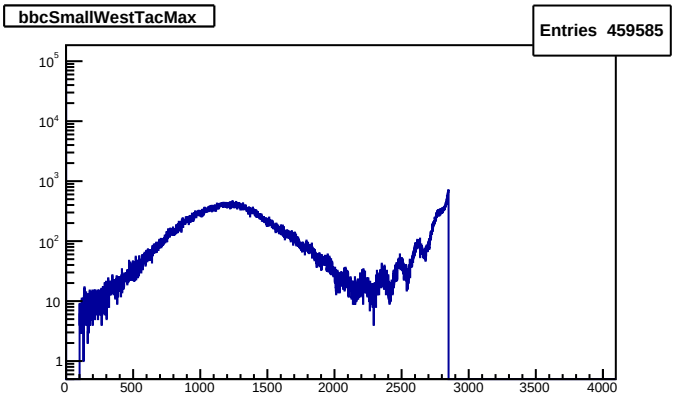
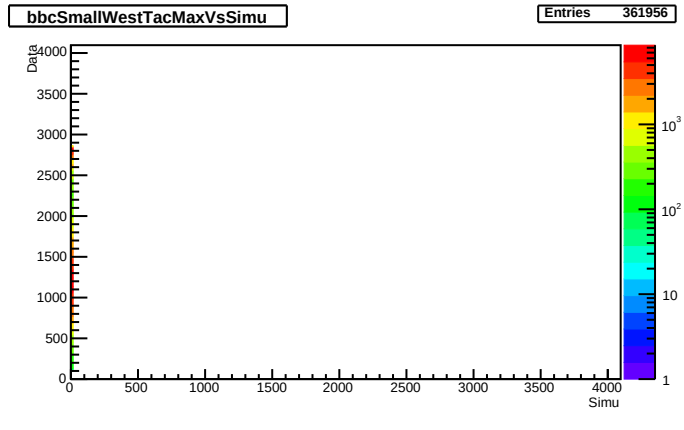
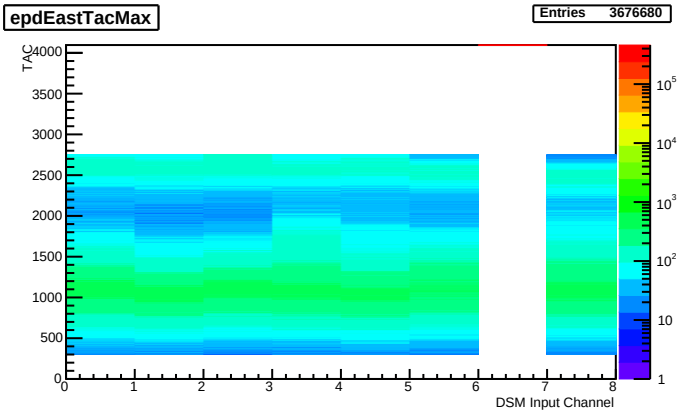
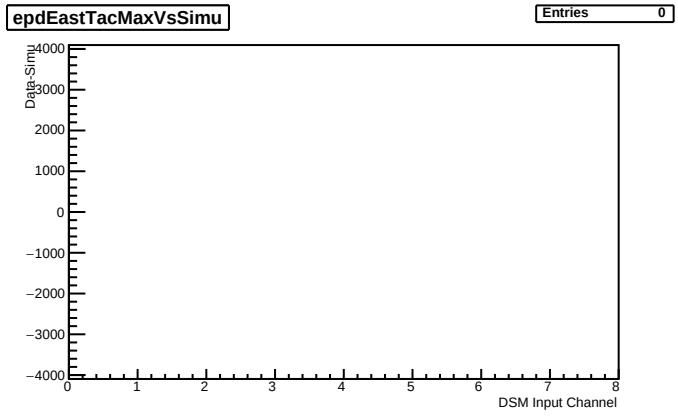
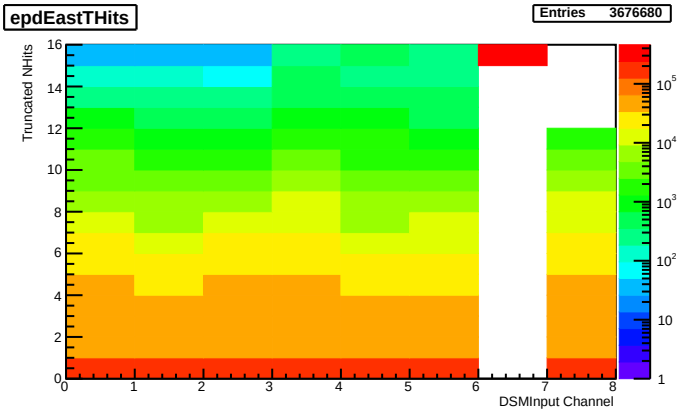
Entries 361956
Data
Simu

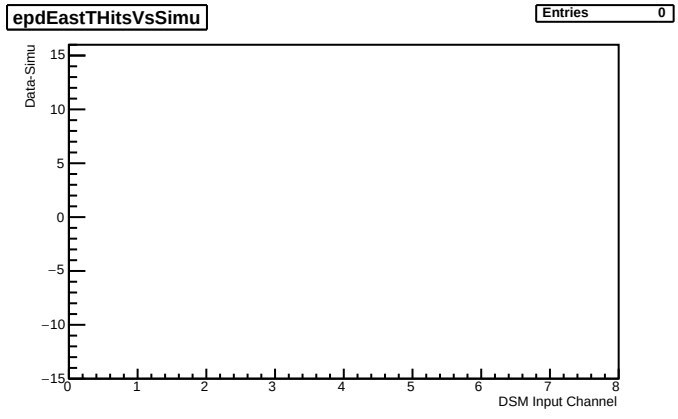

bbcSmallWestTacMax
Entries 459585


bbcSmallWestTacMaxVsSimu
Entries 361956
Data
Simu


epdEastTacMax
Entries 3676680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3676680
Truncated NHits
DSMInput Channel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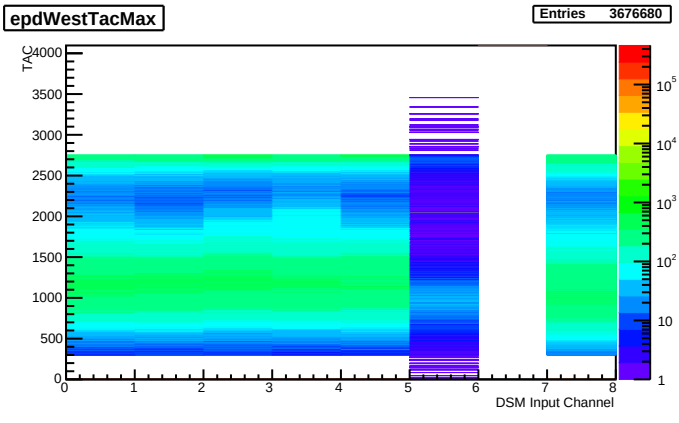
Data-Simu
DSM Input Channel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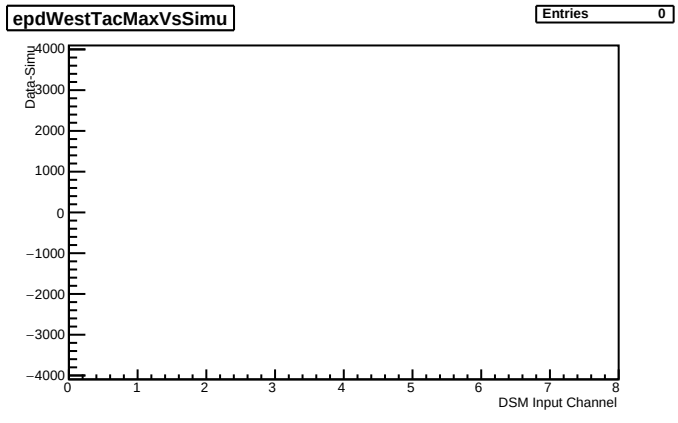
Entries 3676680
TAC
DSM Input Channel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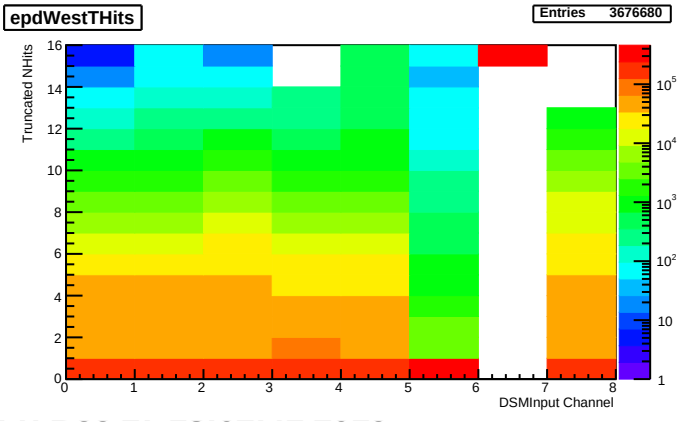
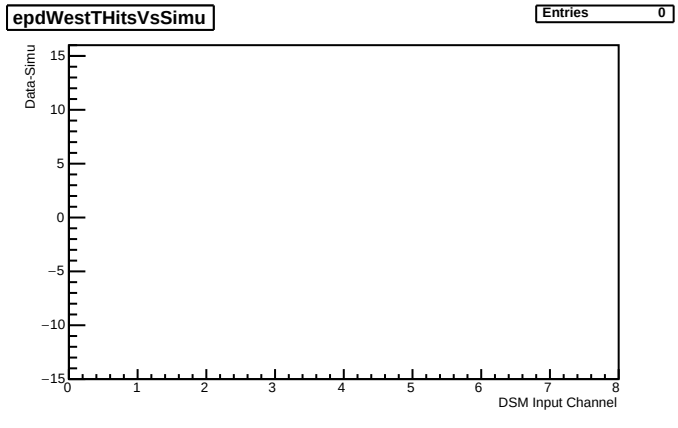
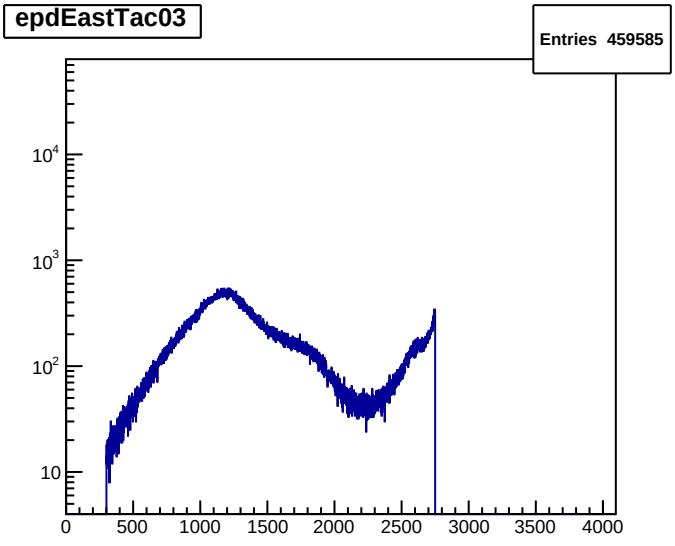
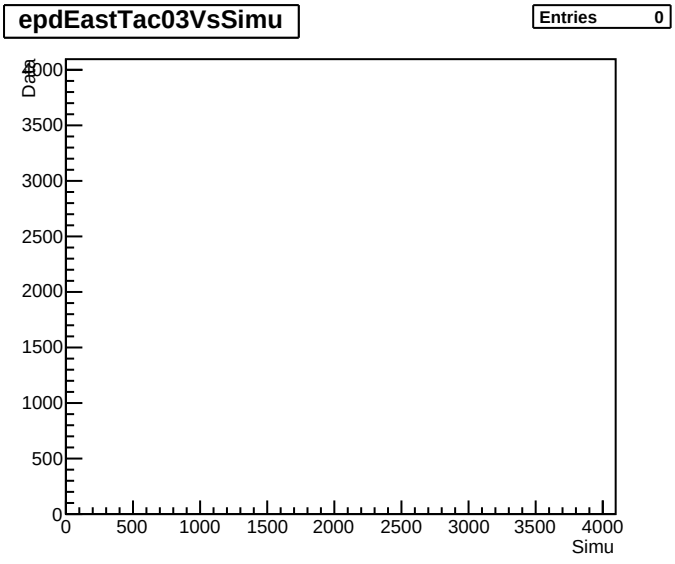
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3676680
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 459585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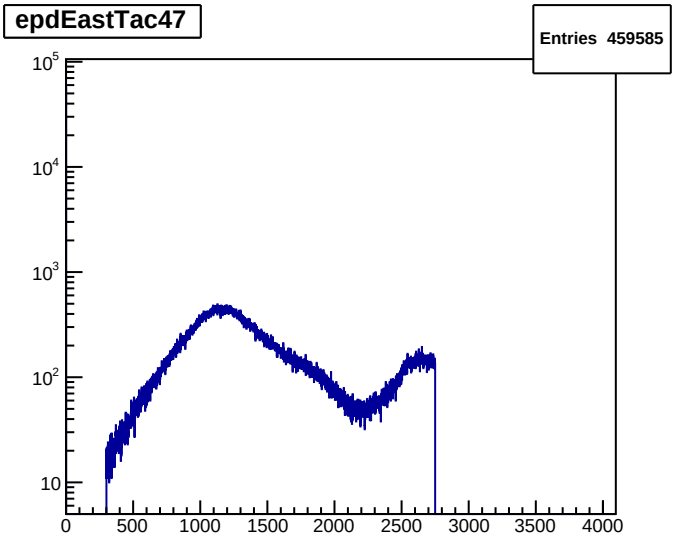
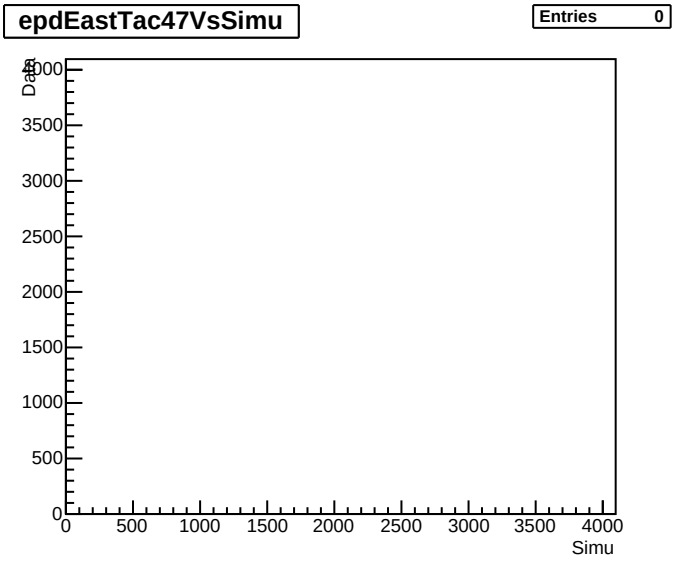
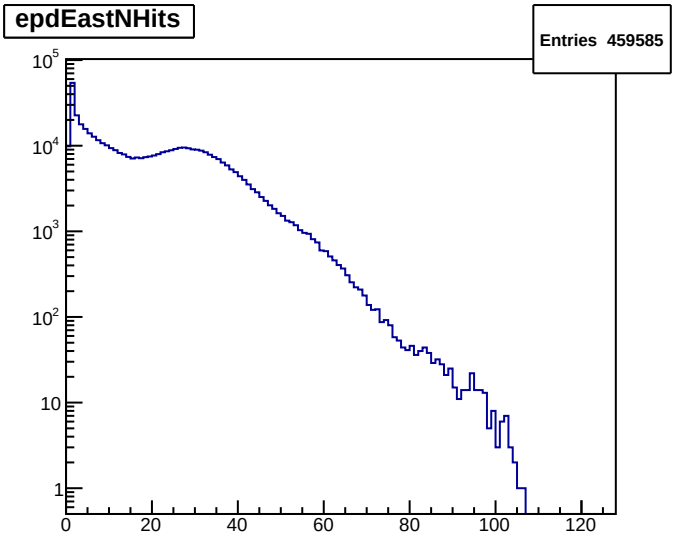
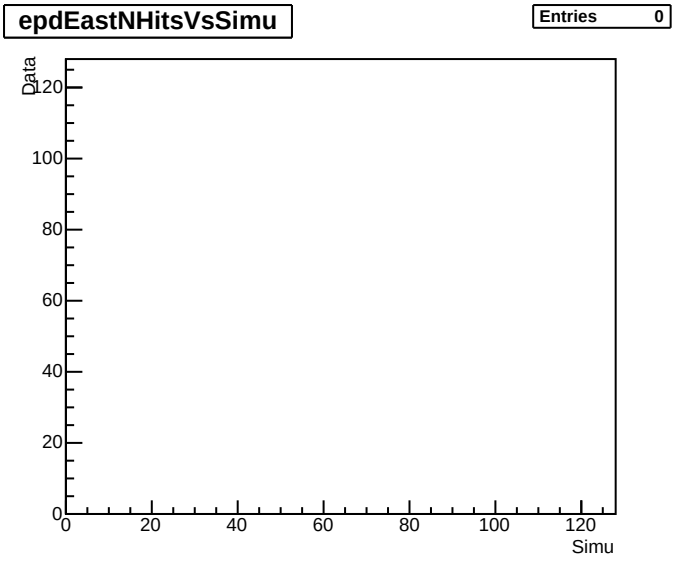
Entries 0
Data
Simu


epdEastTac47
Entries 459585


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 459585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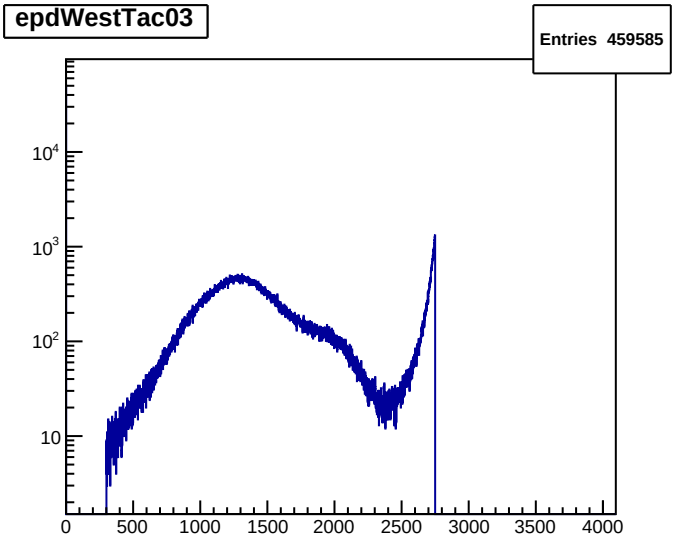
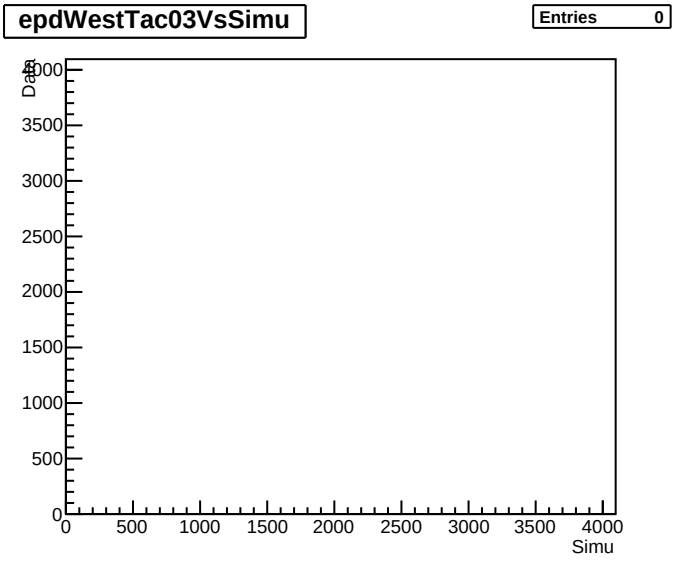
Entries 0
Data
Simu


epdWestTac03
Entries 459585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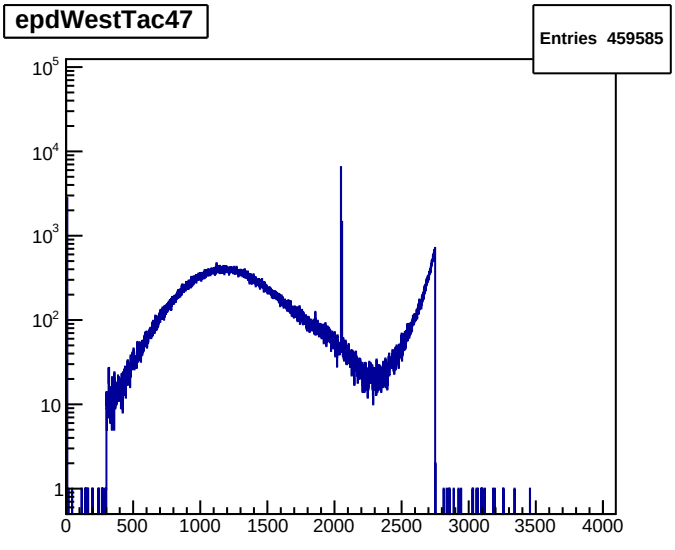
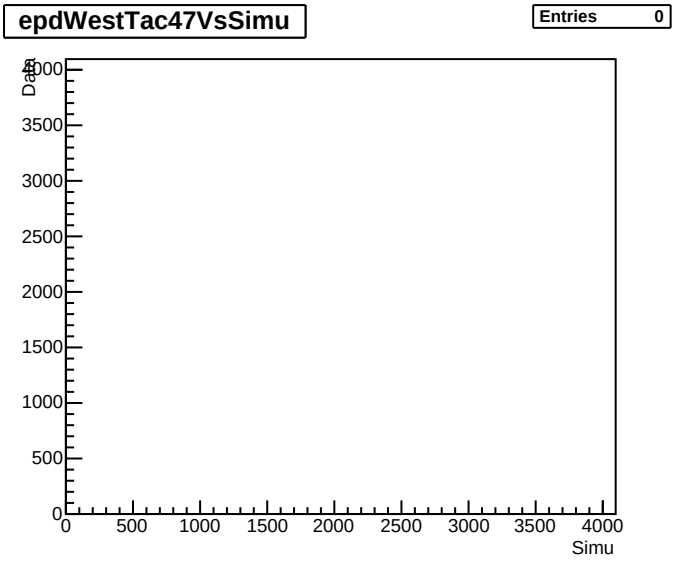
Entries 0
Data
Simu


epdWestTac47
Entries 459585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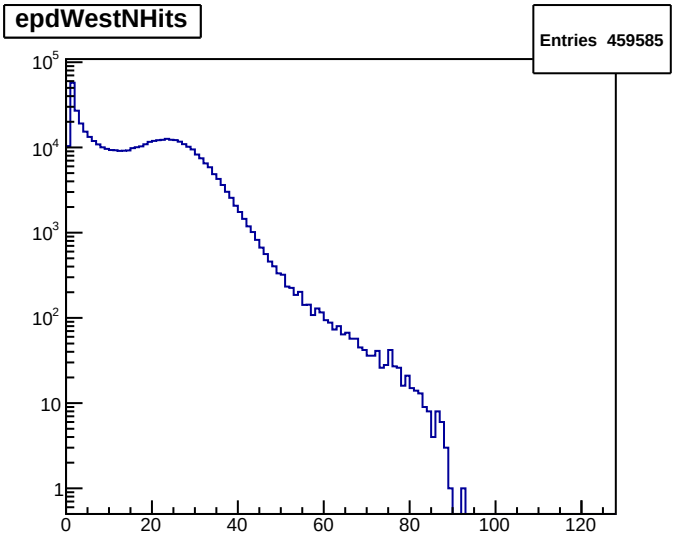
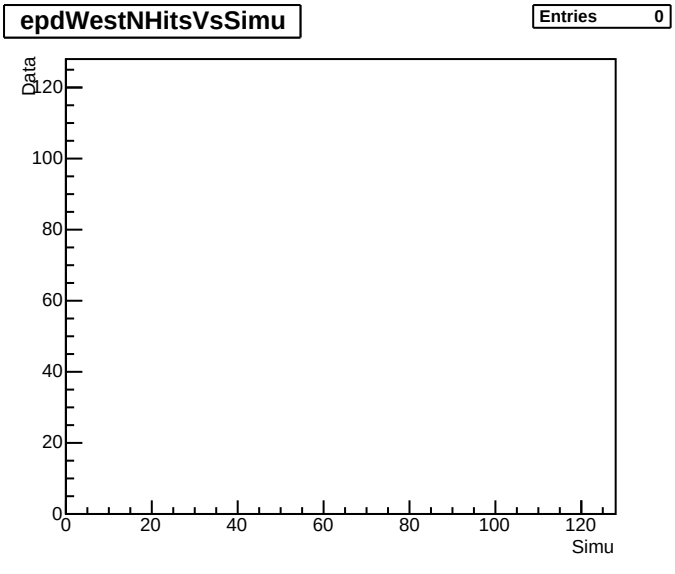
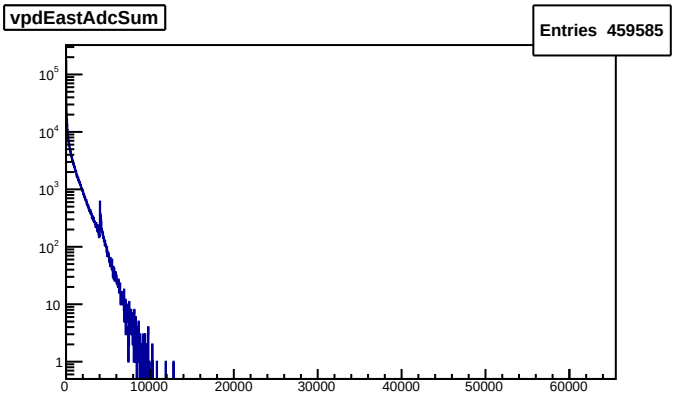
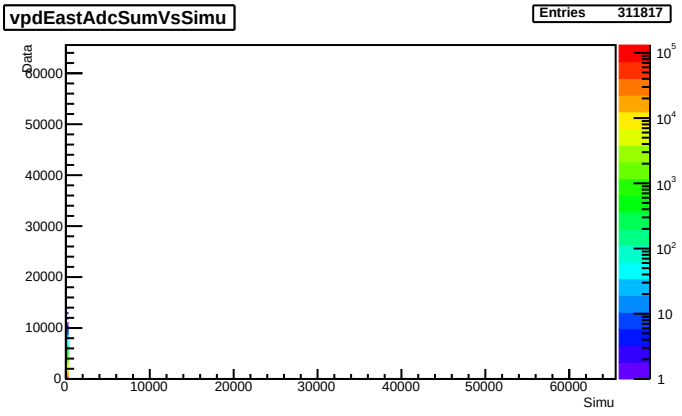
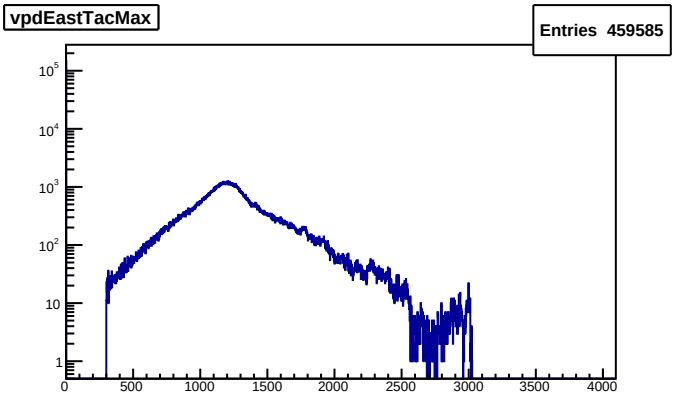
Entries 0
Data
Simu

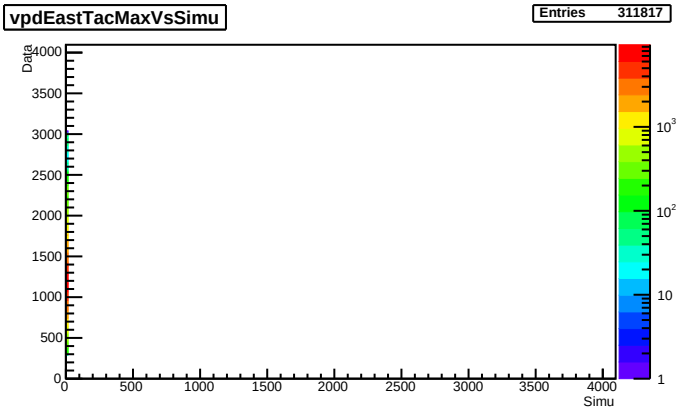

epdWestNHits
Entries 459585

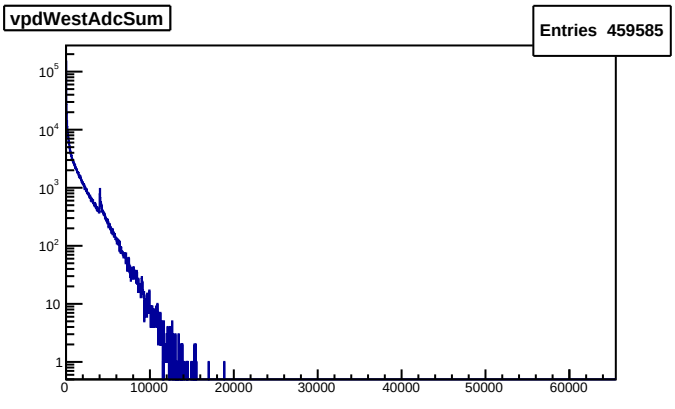

epdWestNHitsVsSimu
Entries 0
Data
Simu

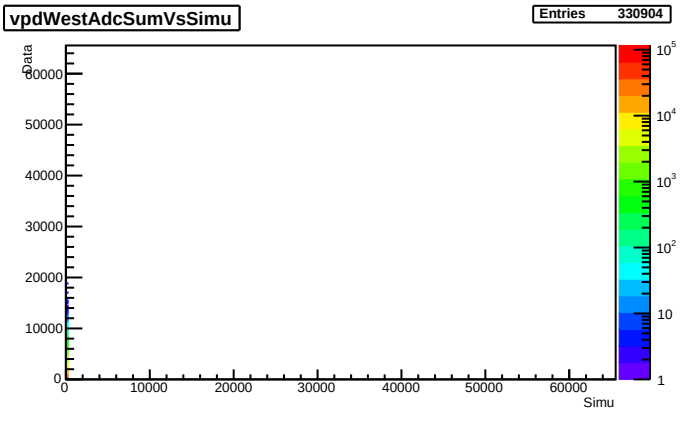

vpdEastAdcSum
Entries 459585

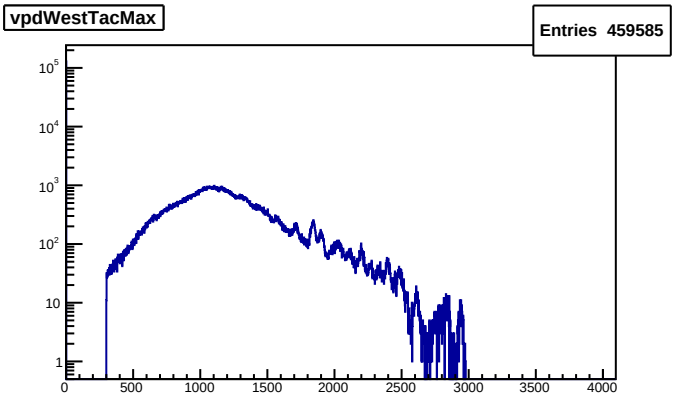

vpdEastAdcSumVsSimu
Entries 311817
Data
Simu

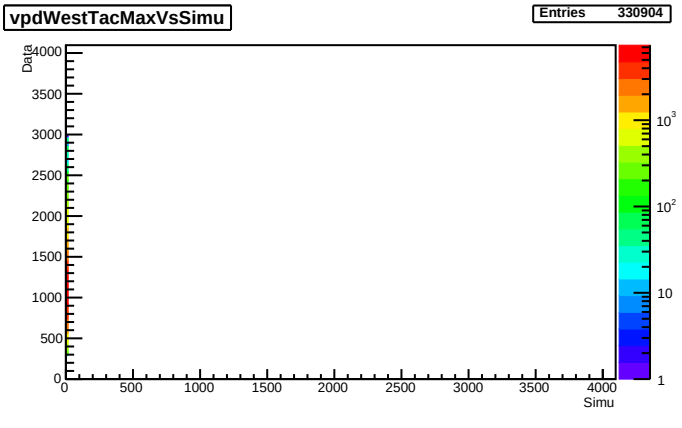

vpdEastTacMax
Entries 459585

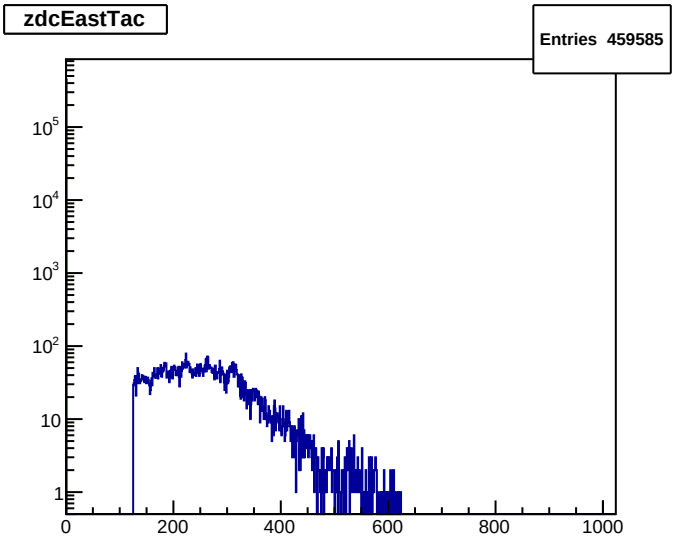

vpdEastTacMaxVsSimu
Entries 311817
Data
Simu

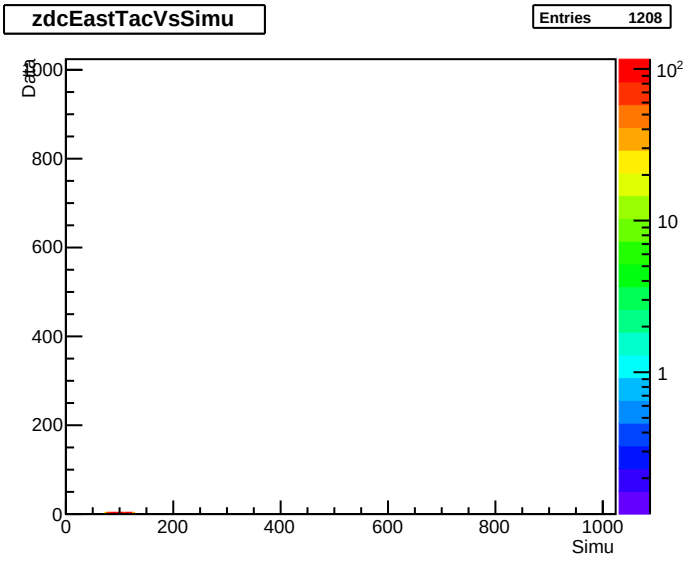

vpdWestAdcSum
Entries 459585

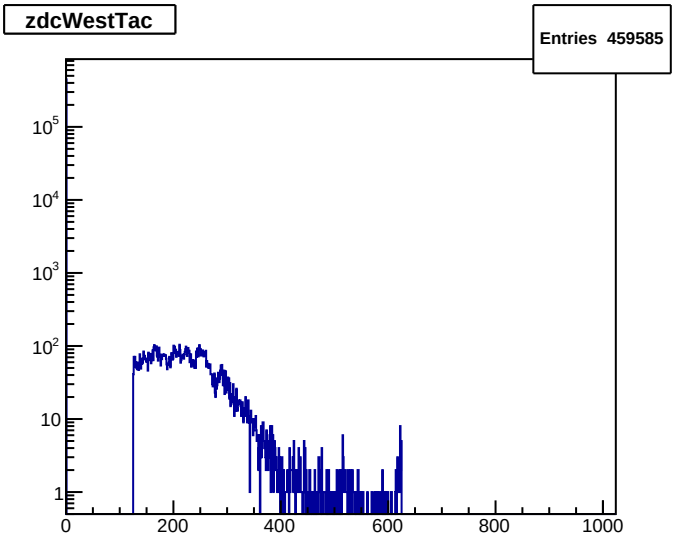

vpdWestAdcSumVsSimu
Entries 330904
Data
Simu

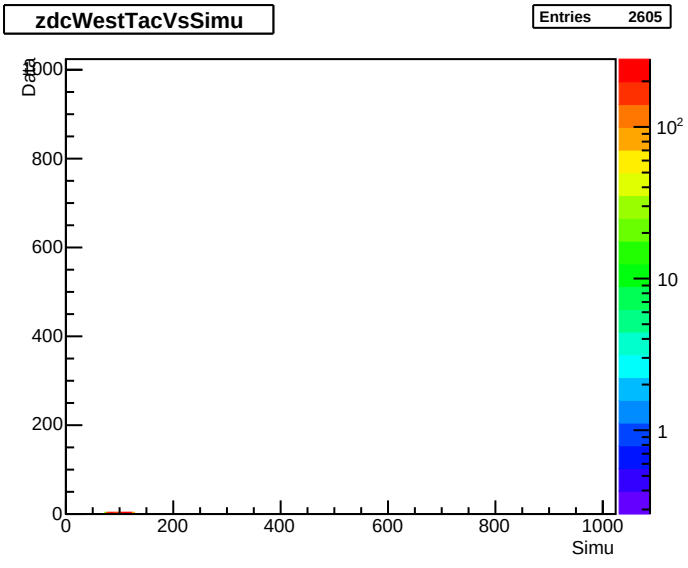

vpdWestTacMax
Entries 459585

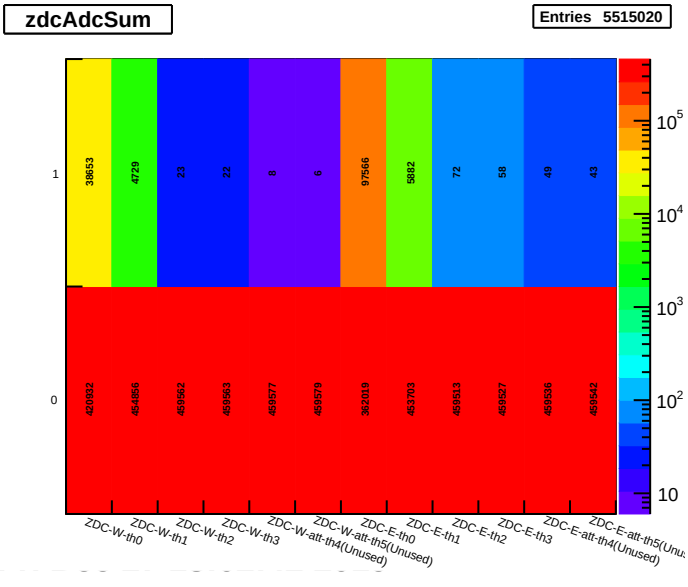

vpdWestTacMaxVsSimu
Entries 330904
Data
Simu

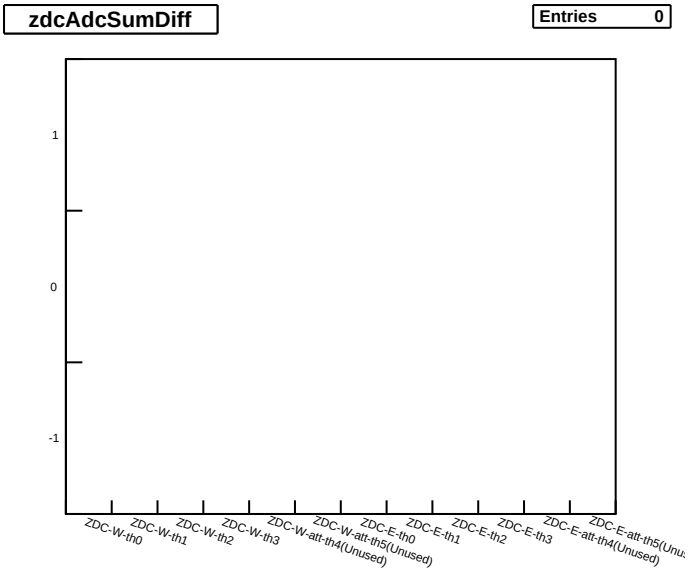

zdcEastTac
Entries 459585

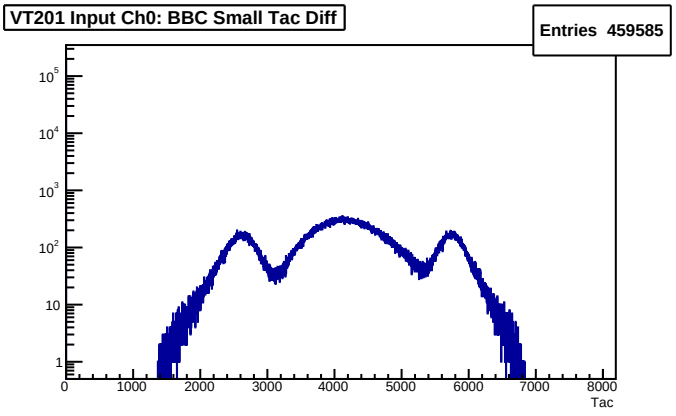

zdcEastTacVsSimu
Entries 1208
Data
Simu

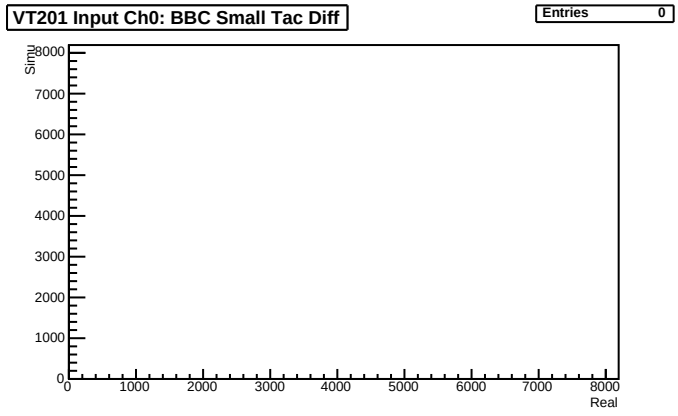

zdcWestTac
Entries 459585

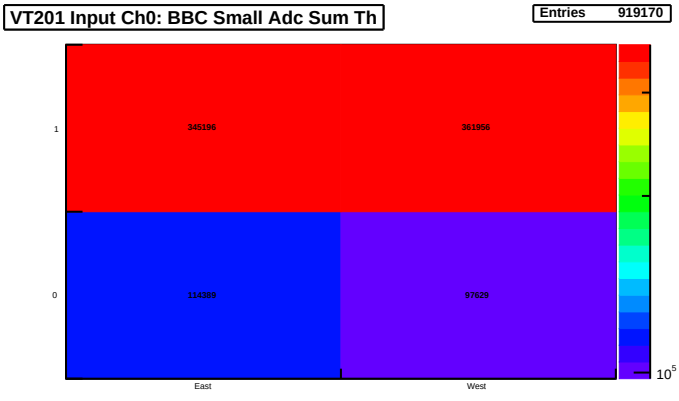

zdcWestTacVsSimu
Entries 2605
Data
Simu

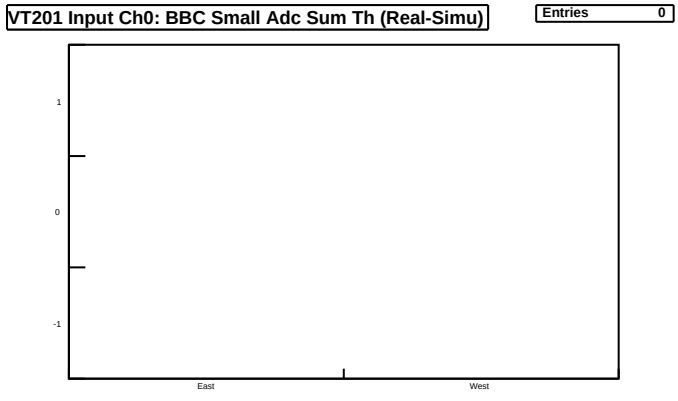

zdcAdcSum
Entries 5515020
38653
4729
23
22
8
6
97566
5882
72
58
49
43
420932
454856
459562
459563
459577
459579
362019
453703
459513
459527
459536
459542
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

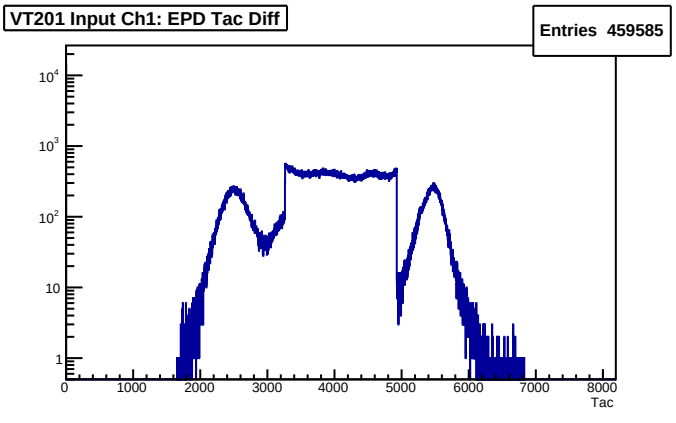

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

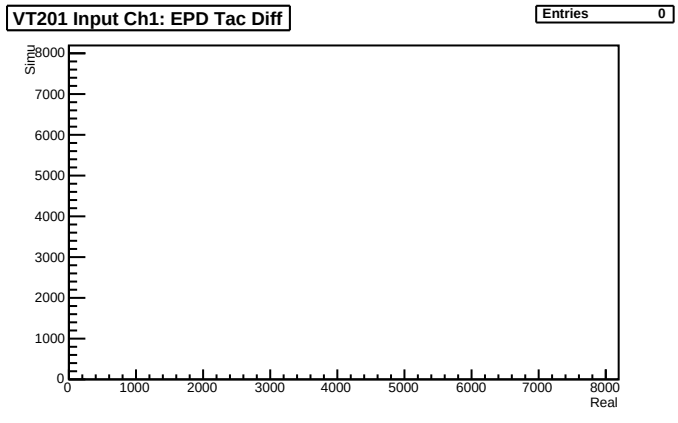

VT201 Input Ch0: BBC Small Tac Diff
Entries 459585
Tac

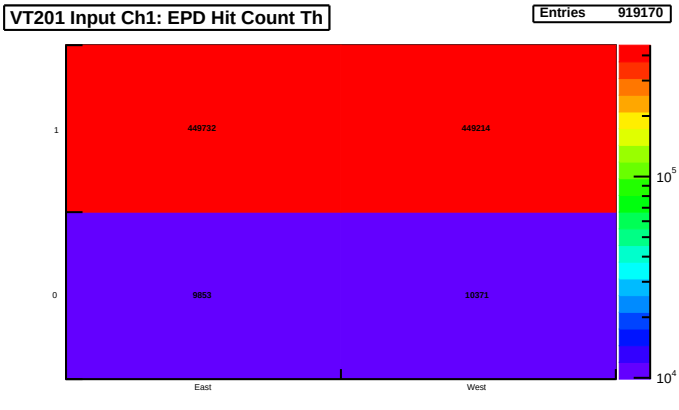

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

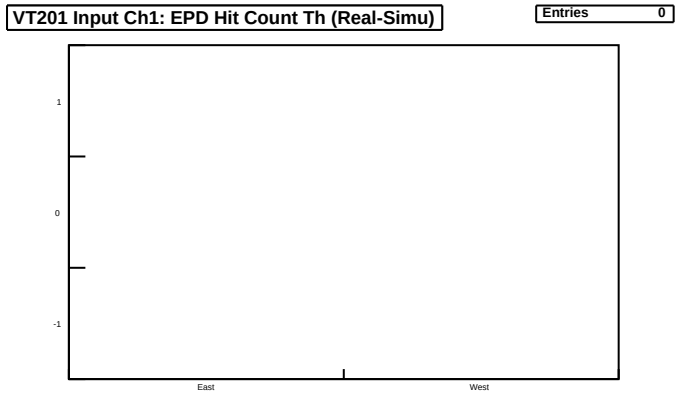

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 919170
345196
361956
114389
97629
East
West

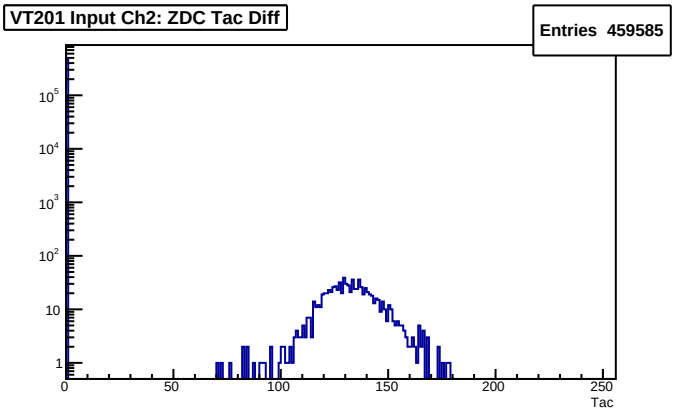

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

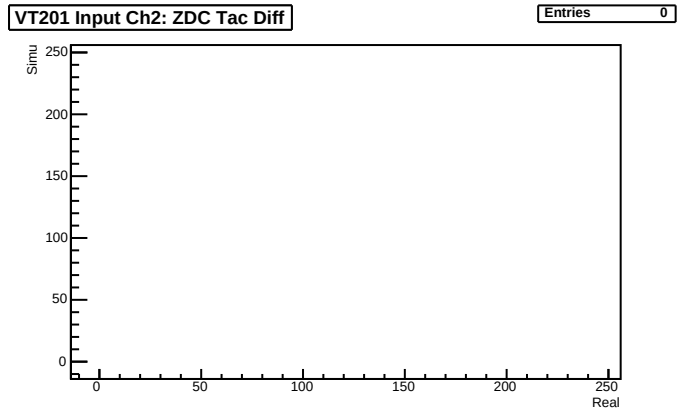

VT201 Input Ch1: EPD Tac Diff
Entries 459585
Tac

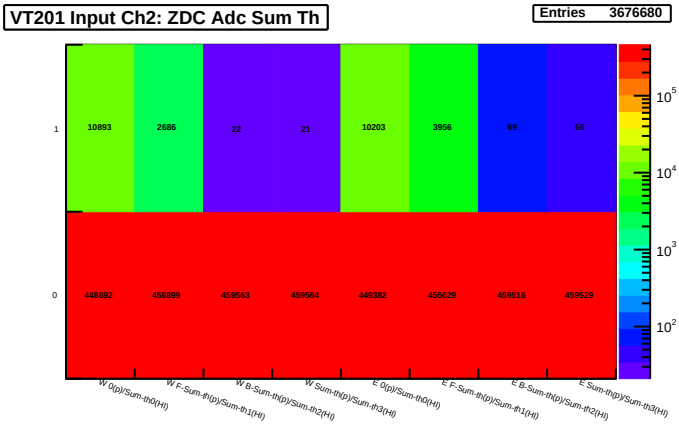

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

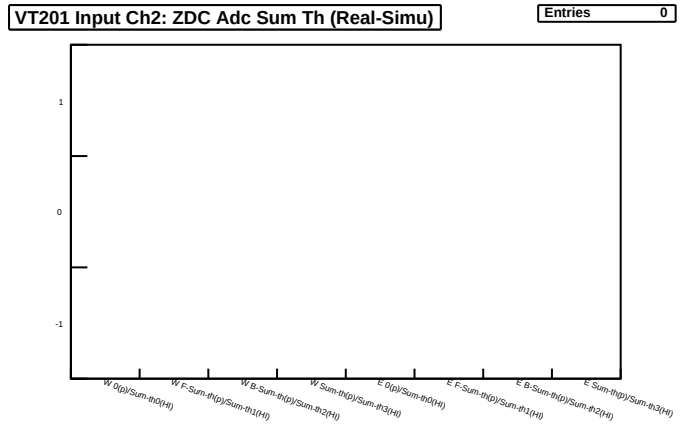

VT201 Input Ch1: EPD Hit Count Th
Entries 919170
449732
449214
9853
10371
East
West

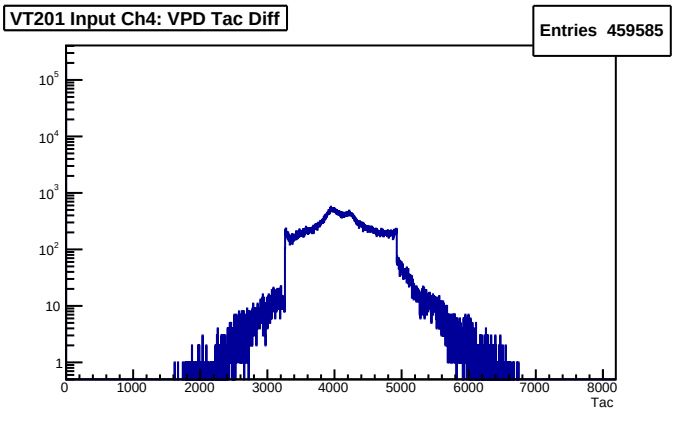

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

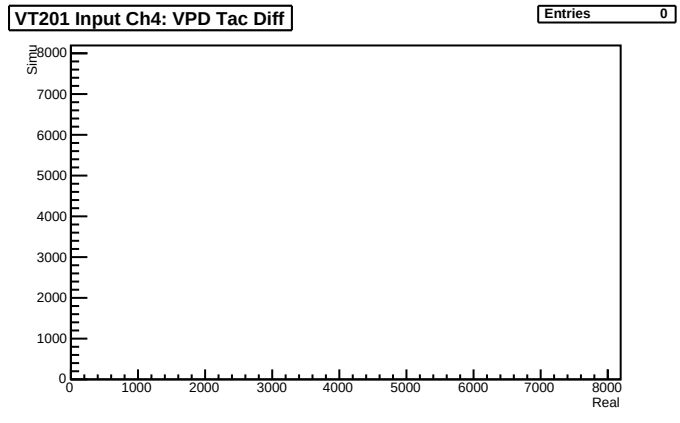

VT201 Input Ch2: ZDC Tac Diff
Entries 459585
Tac

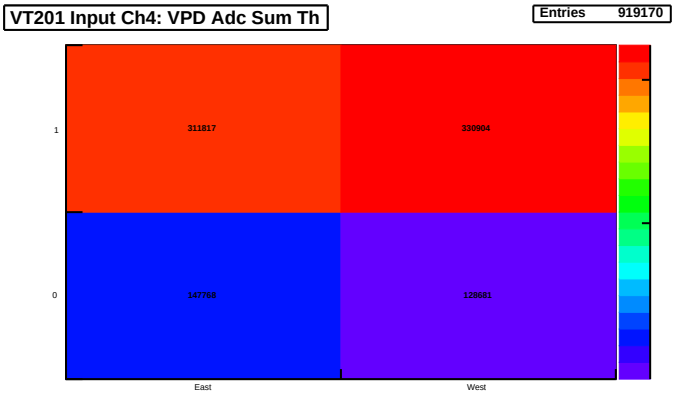

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

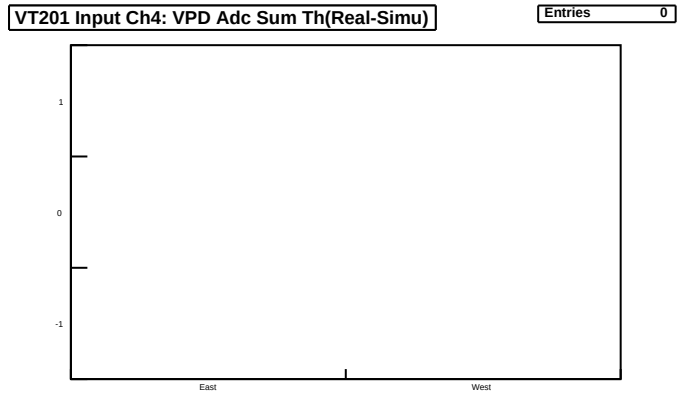

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3676680
10893
2686
22
21
10203
3956
69
56
448692
456899
459563
459564
449382
455629
459516
459529
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

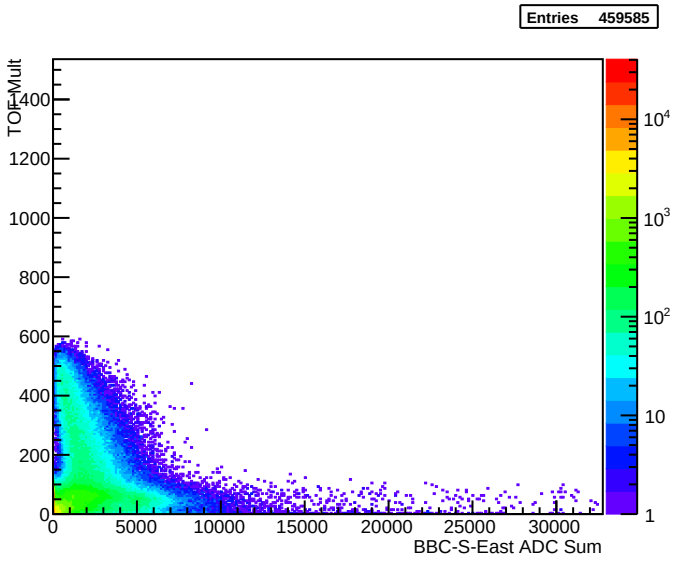

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

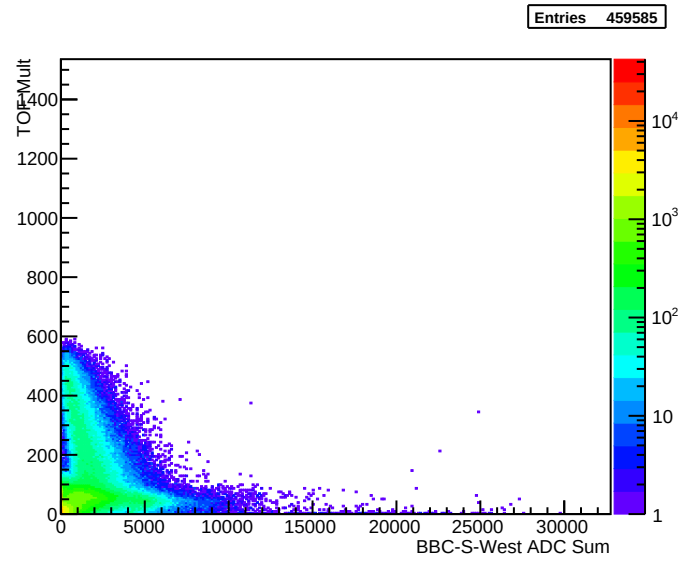

VT201 Input Ch4: VPD Tac Diff
Entries 459585
Tac

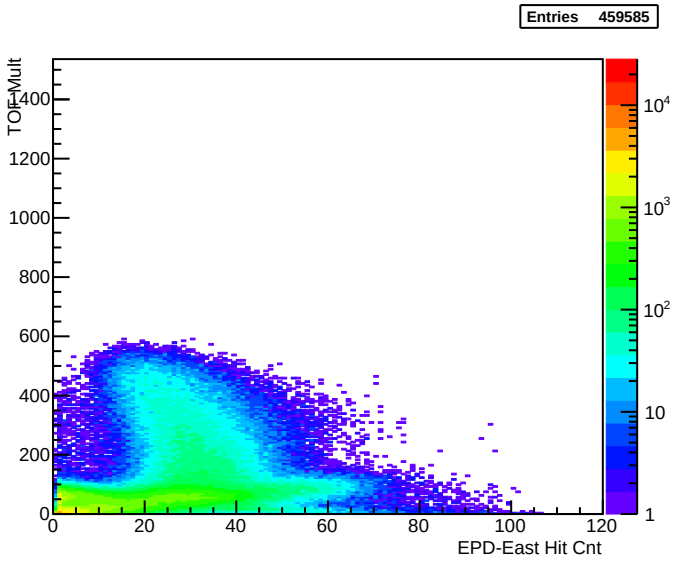

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

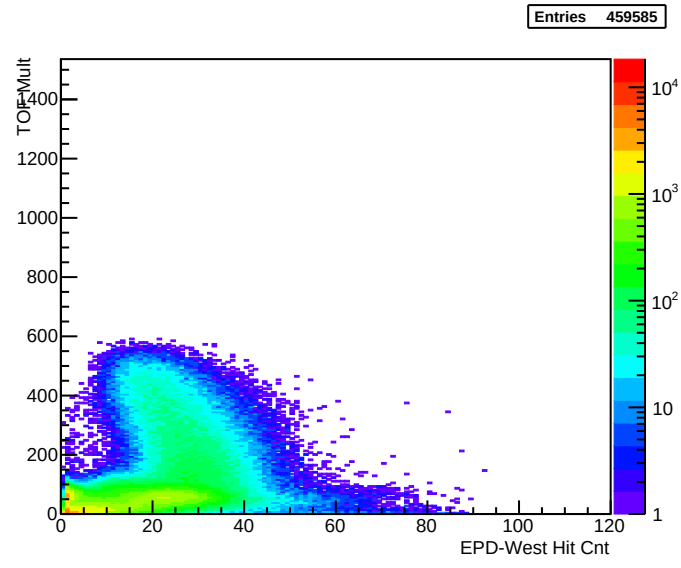

VT201 Input Ch4: VPD Adc Sum Th
Entries 919170
311817
330904
147768
128681
East
West

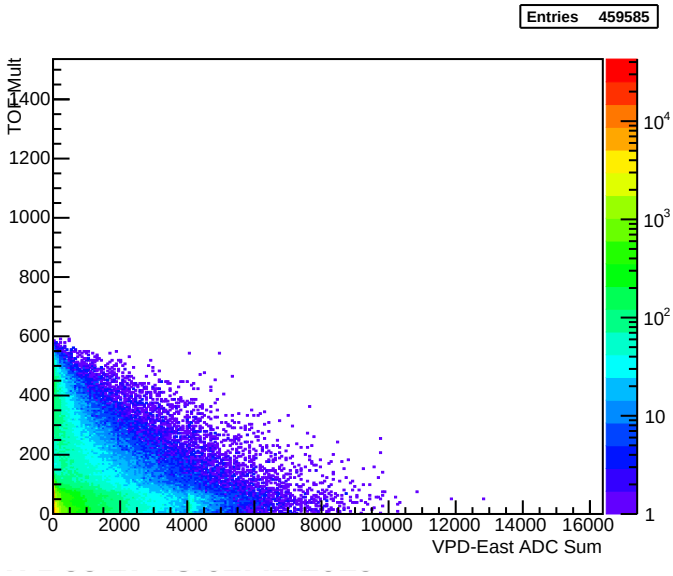

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

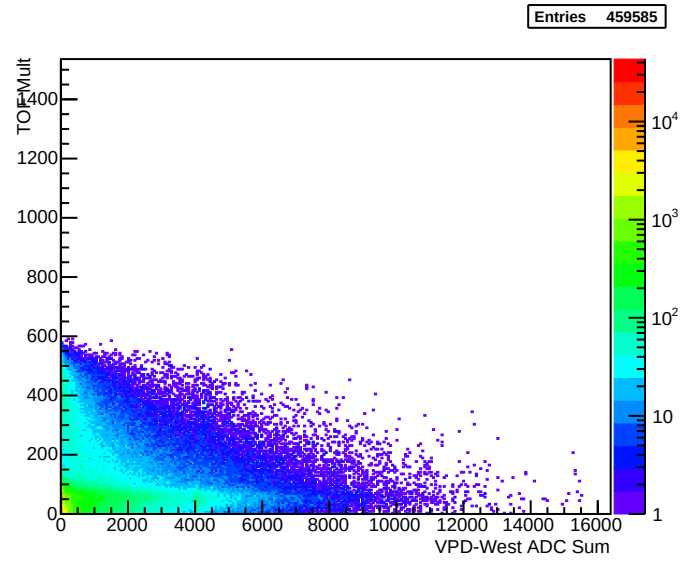

Entries 459585
TOF-Mult
BBC-S-East ADC Sum

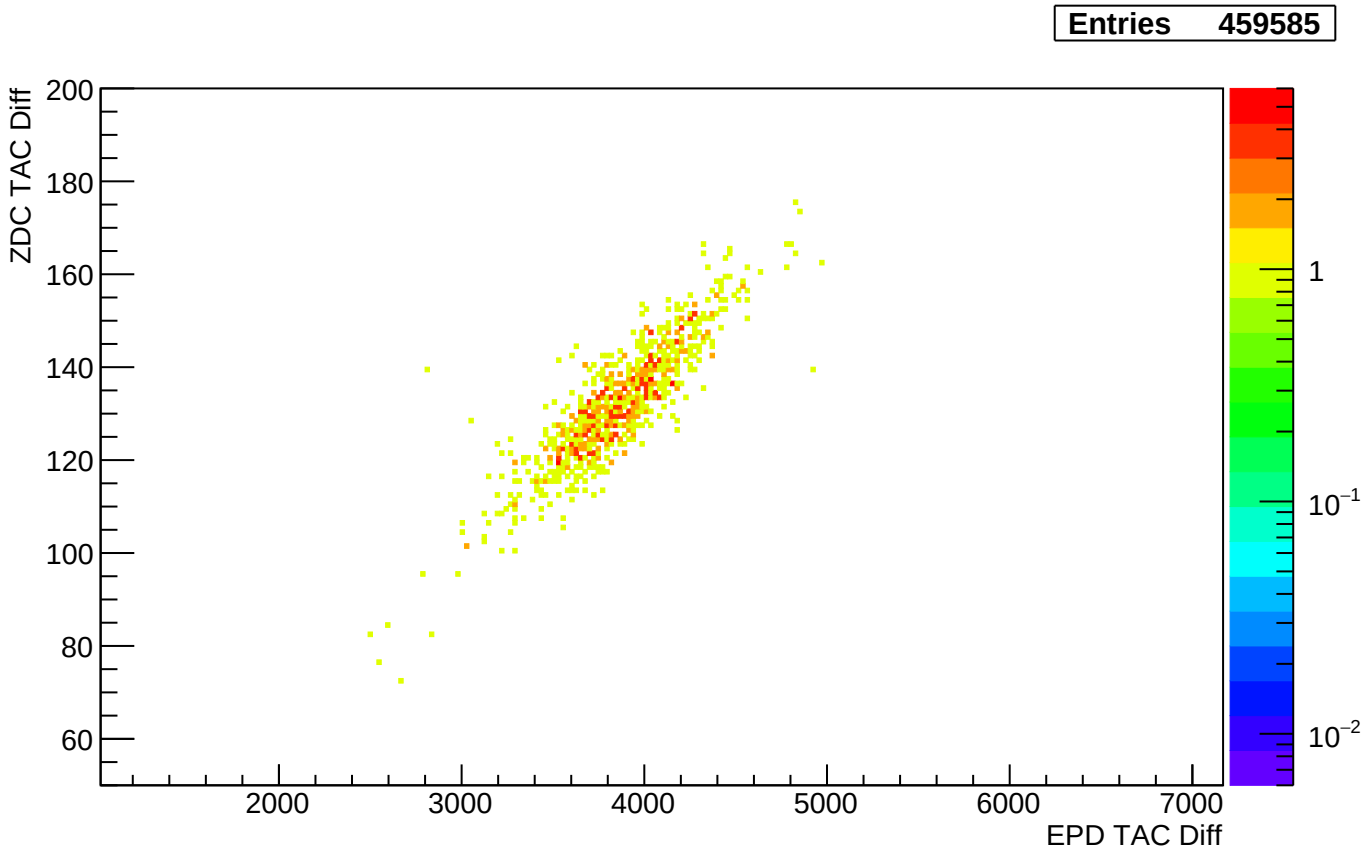

Entries 459585
TOF-Mult
BBC-S-West ADC Sum

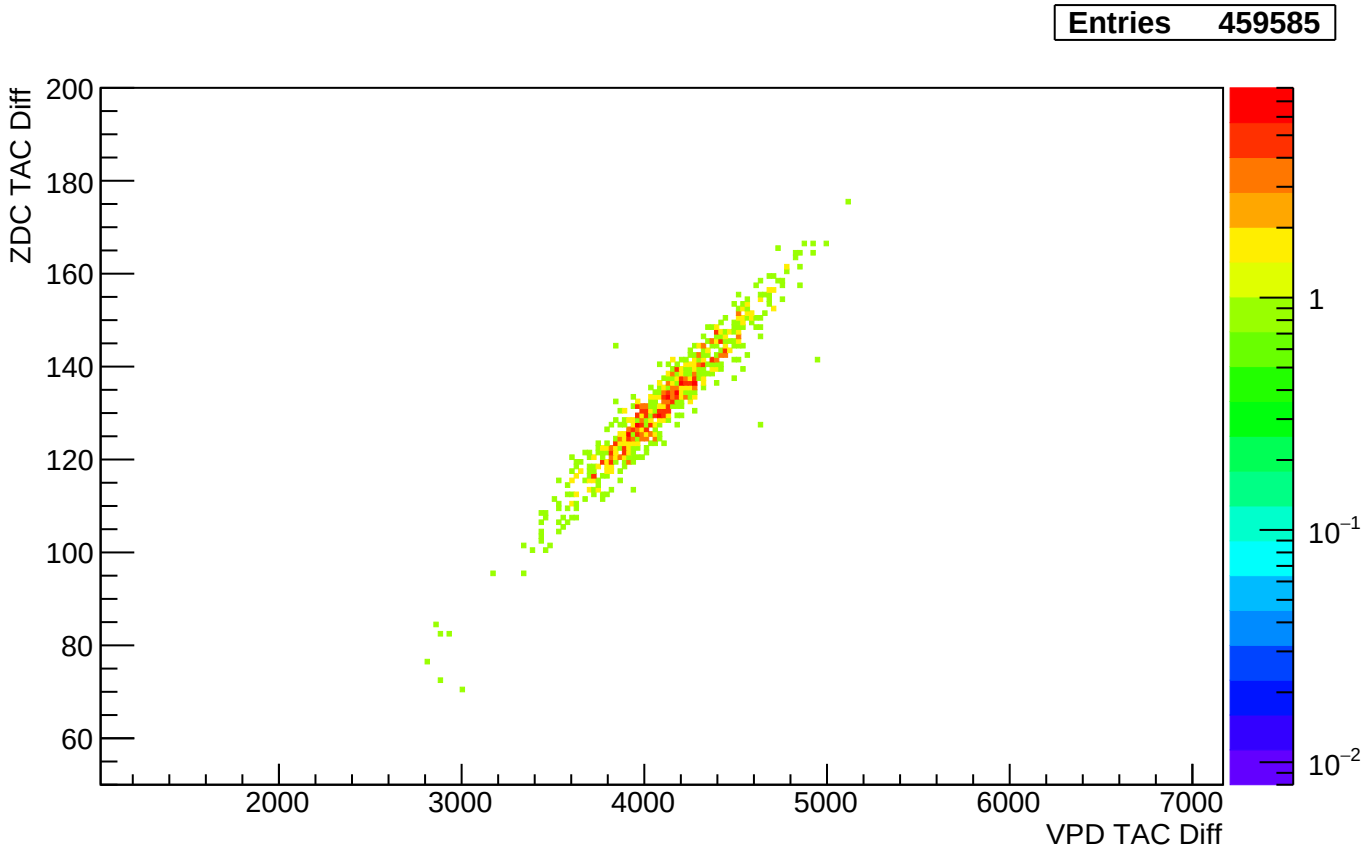

Entries 459585
TOF-Mult
EPD-East Hit Cnt

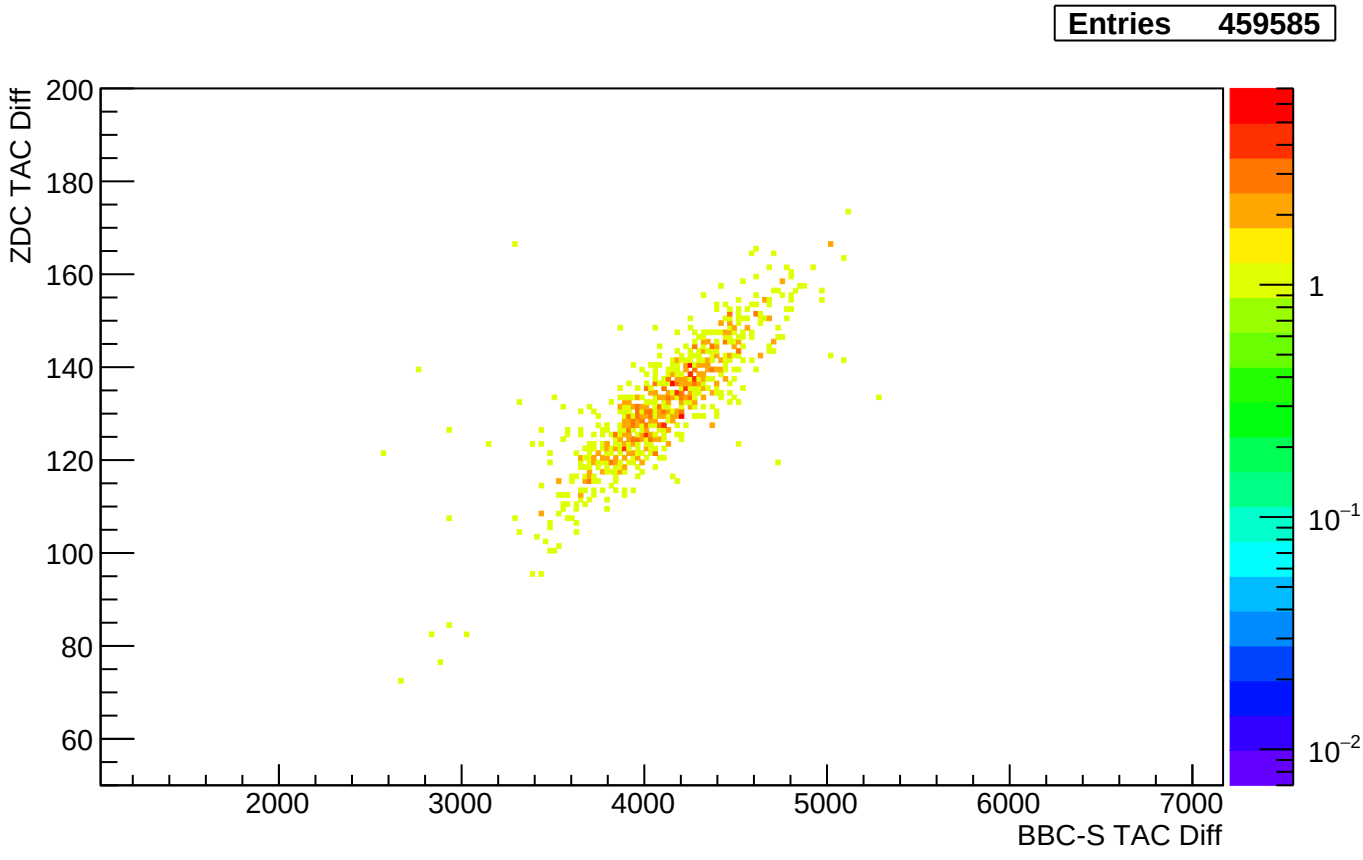

Entries 459585
TOF-Mult
EPD-West Hit Cnt

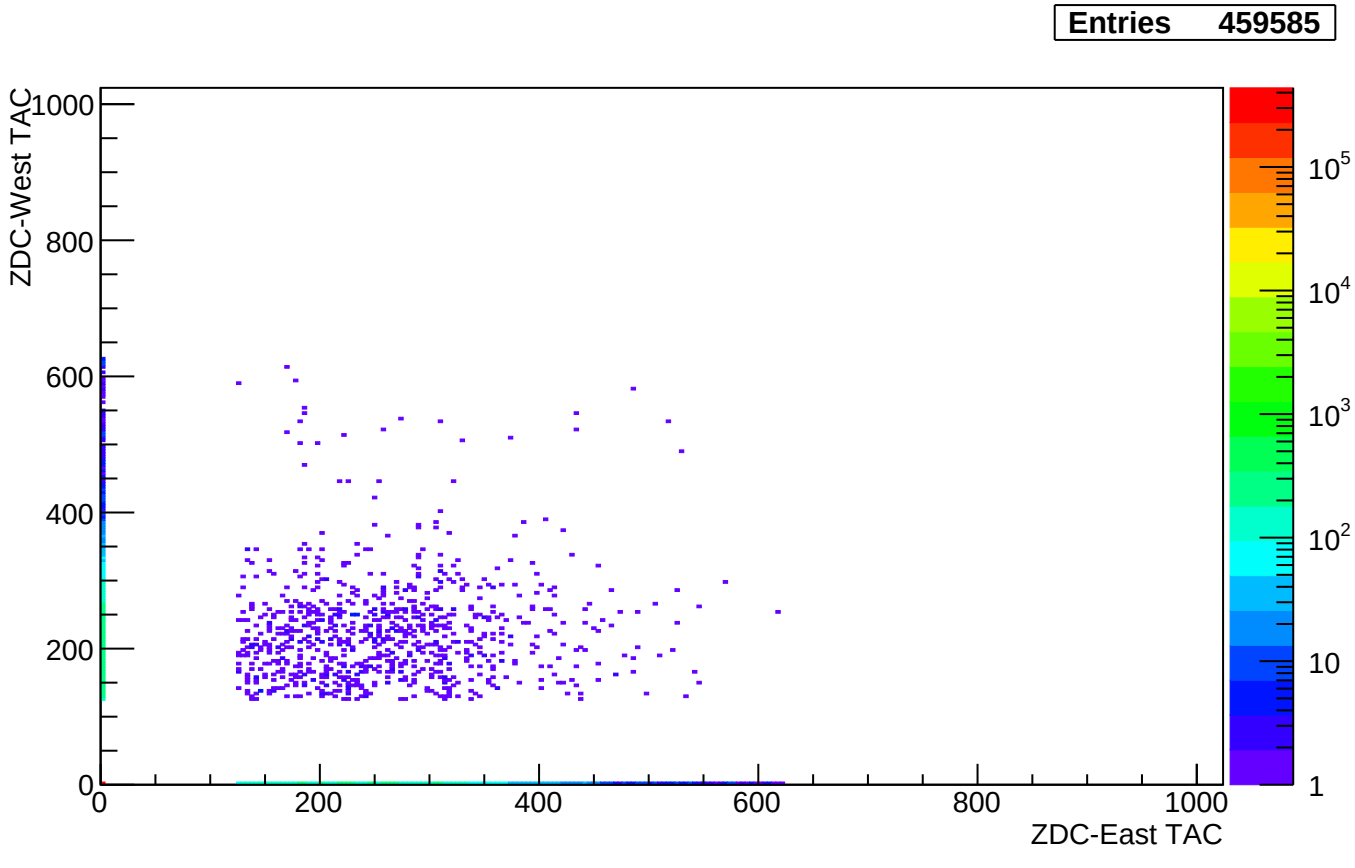

Entries 459585
TOF-Mult
VPD-East ADC Sum

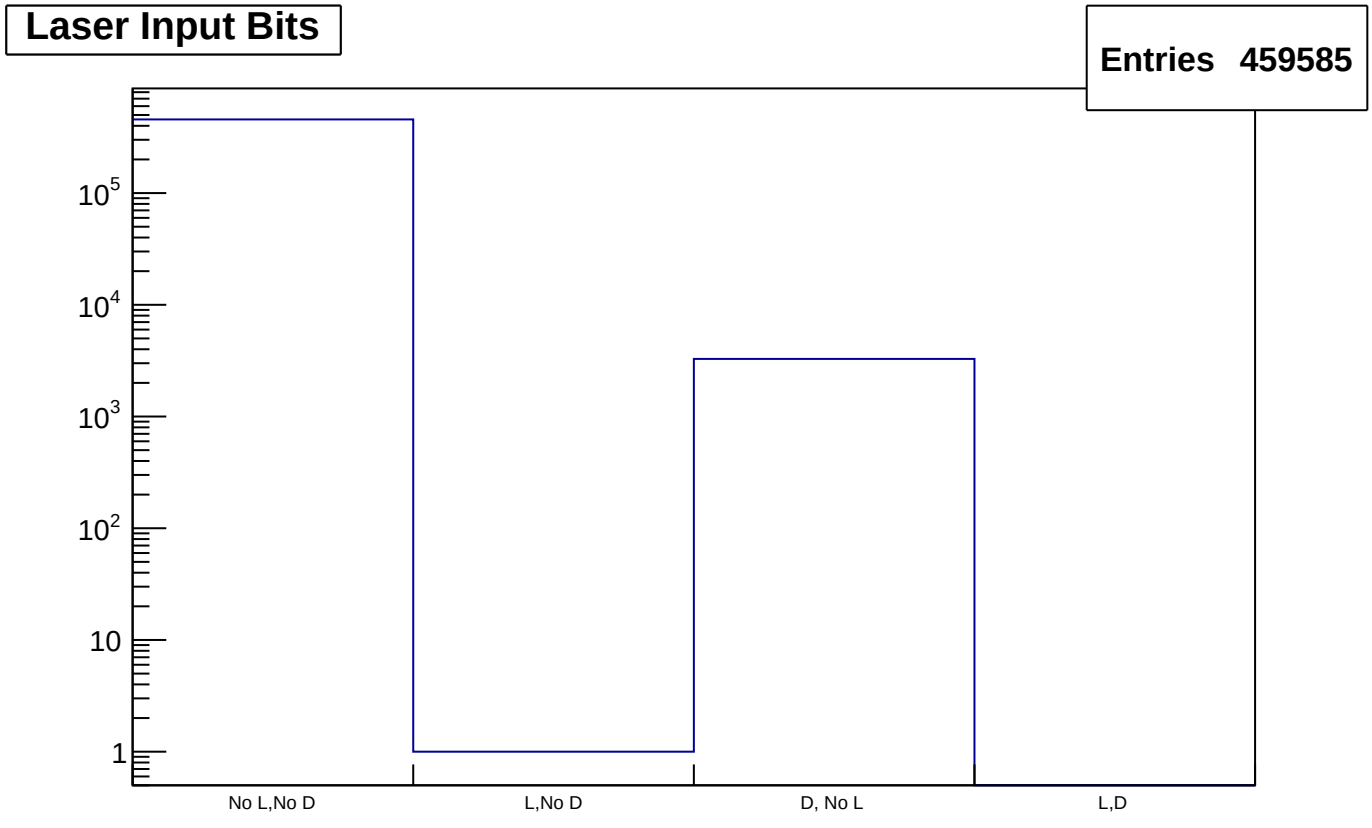

Entries 459585
TOF-Mult
VPD-West ADC Sum

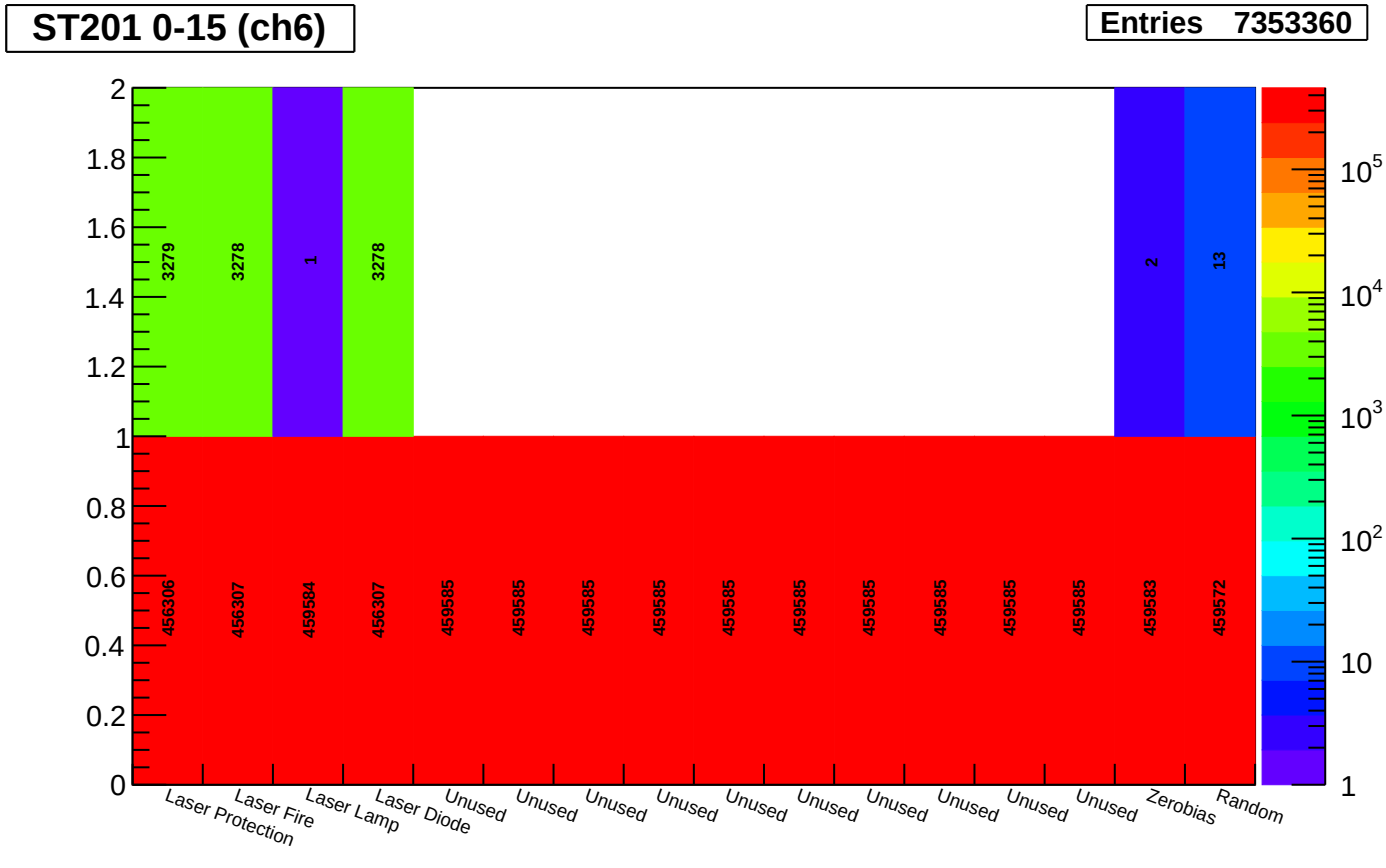

Entries 459585
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

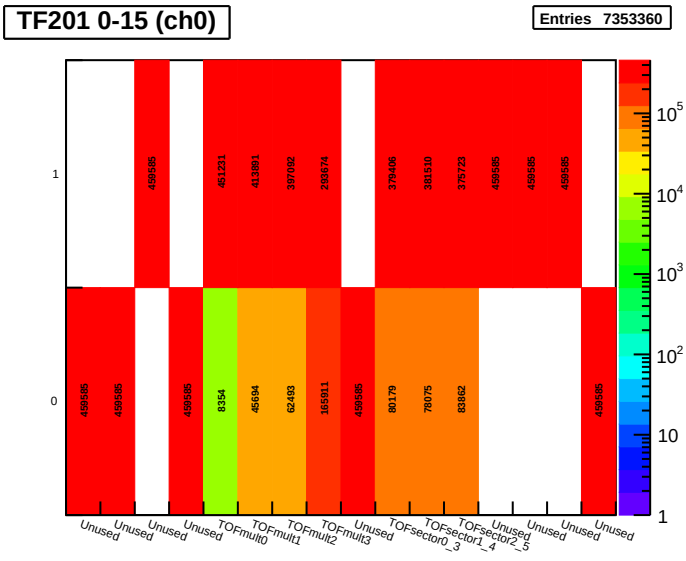

Entries 459585
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

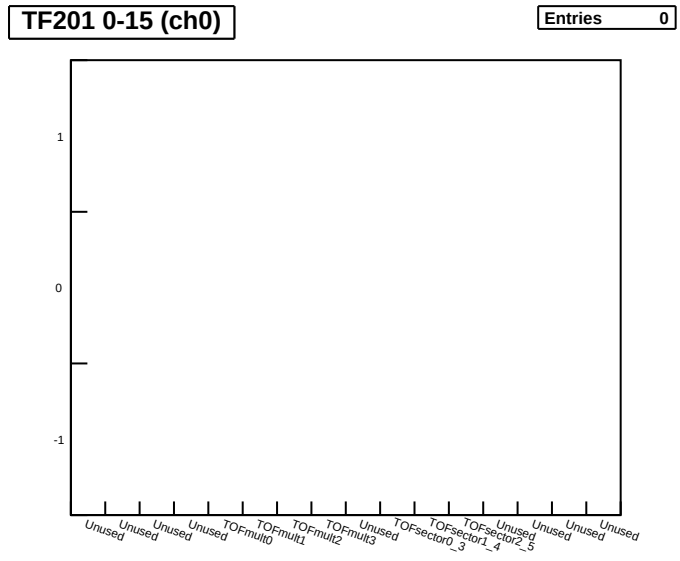

Entries 459585
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

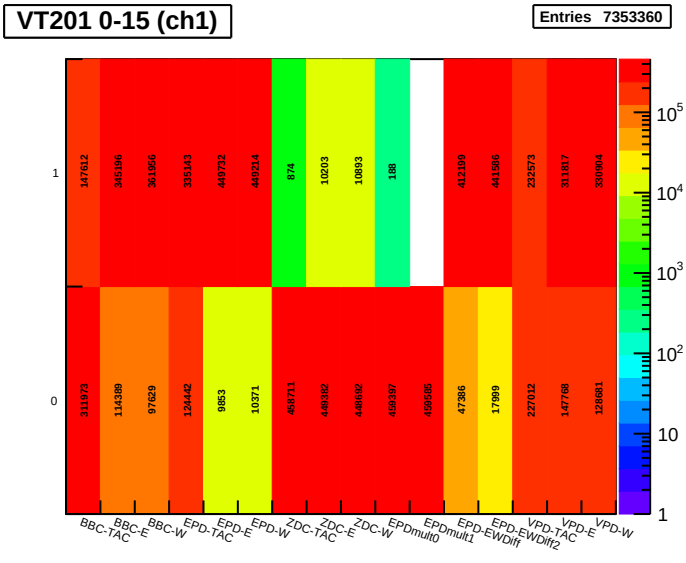

Entries 459585
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

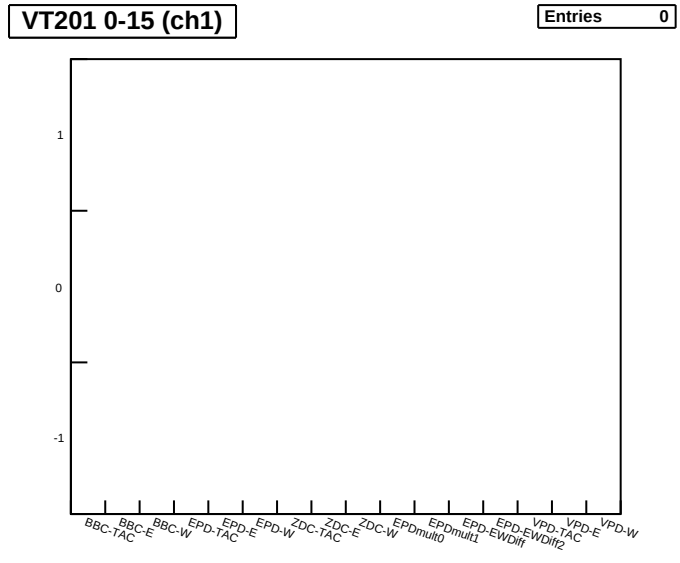

Laser Input Bits
Entries 459585
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

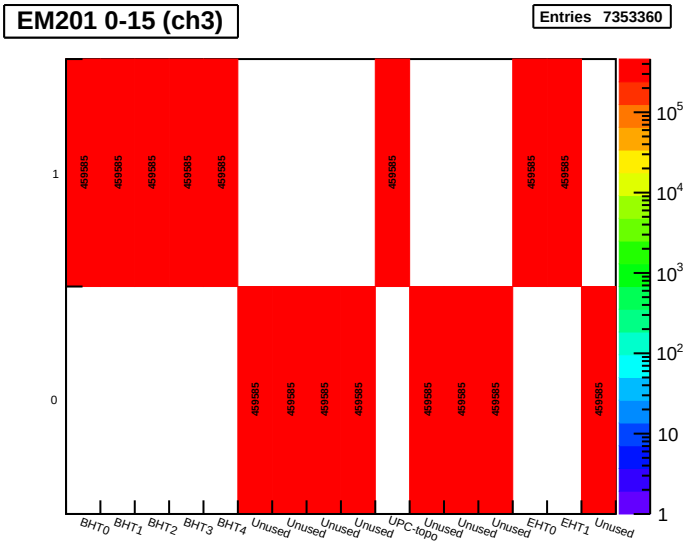

ST201 0-15 (ch6)
Entries 7353360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3279
3278
1
3278
2
13
456306
456307
459584
456307
459585
459585
459585
459585
459585
459585
459585
459585
459585
459585
459583
459572
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

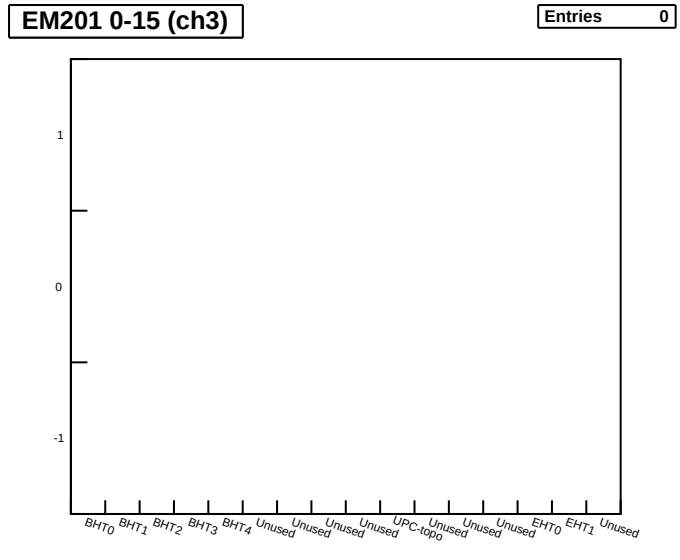

TF201 0-15 (ch0)
Entries 7353360
1
0
459585 459585 459585 459585 459585 451231 413891 397092 293674 459585 459585 459585 459585 459585 379406 381510 375723 459585 459585 459585
459585 459585 459585 8354 45694 62493 165911 459585 80179 78075 83862 459585
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 7353360
1
0
147612 345196 361956 335143 449732 449214 874 10203 10893 188 412199 441586 232573 311817 330904
311973 114389 97629 124442 9853 10371 458711 448382 448692 459397 459585 47386 17999 227012 147768 128681
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 7353360
1
0
459585 459585 459585 459585 459585 459585 459585 459585
459585 459585 459585 459585 459585 459585 459585 459585
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