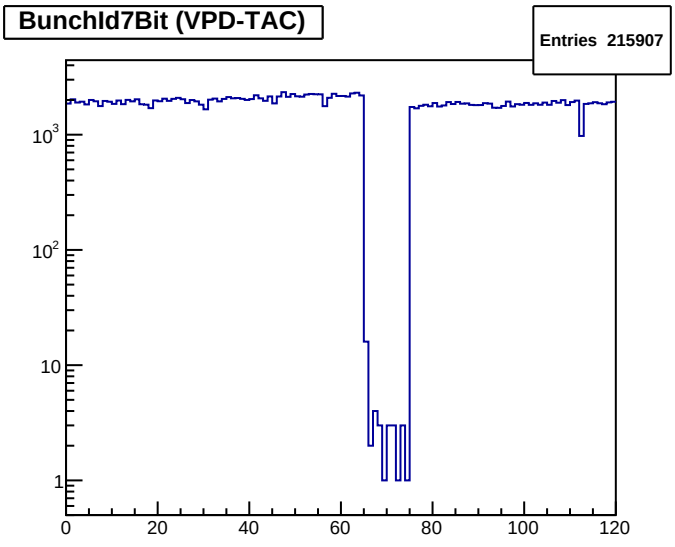
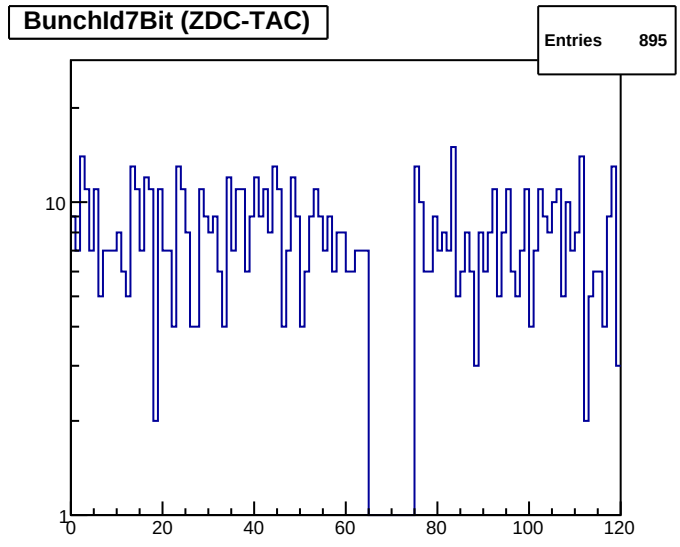
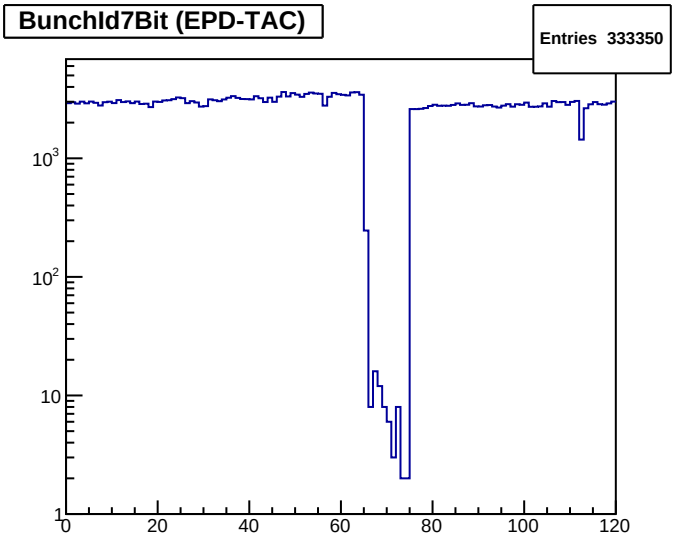
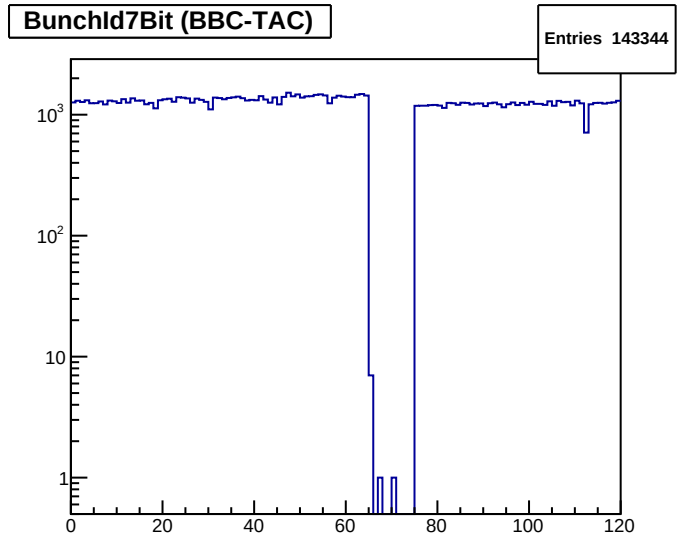
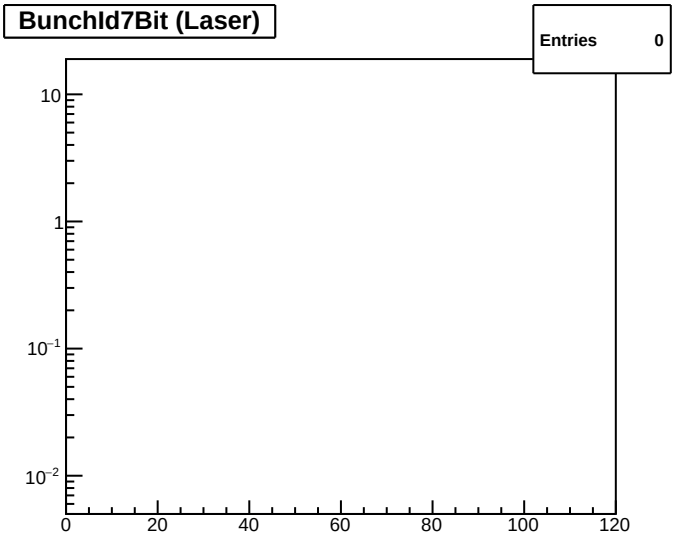
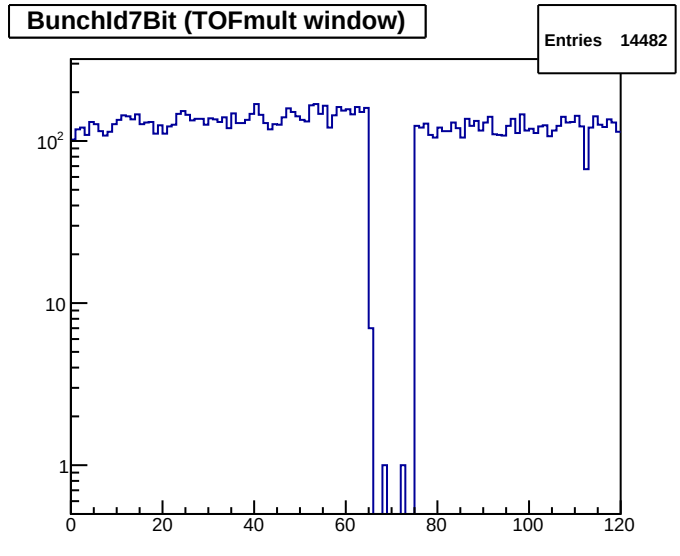

BunchId7Bit (VPD-TAC)
Entries 215907

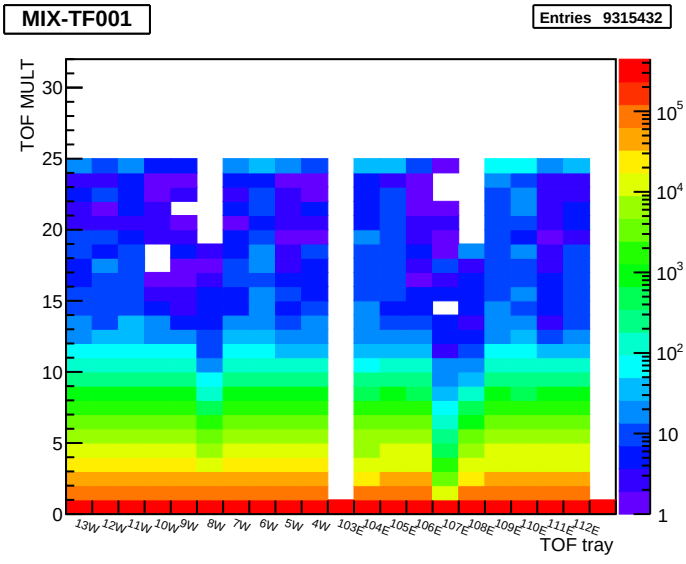

BunchId7Bit (ZDC-TAC)
Entries 895

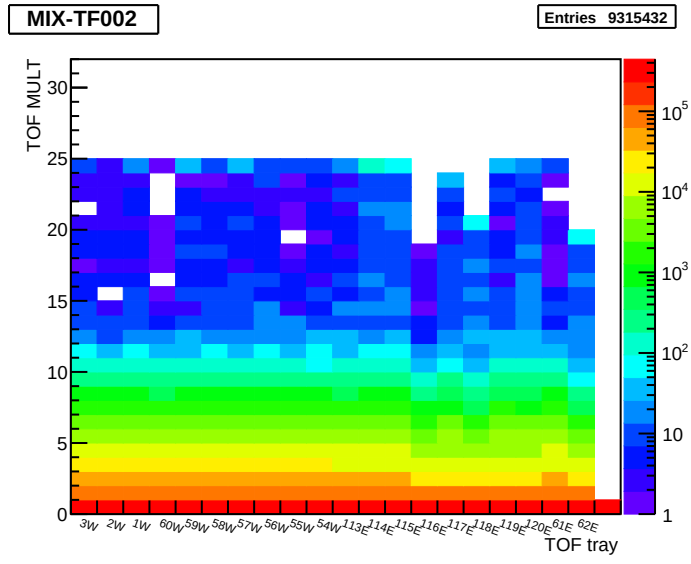

BunchId7Bit (EPD-TAC)
Entries 333350

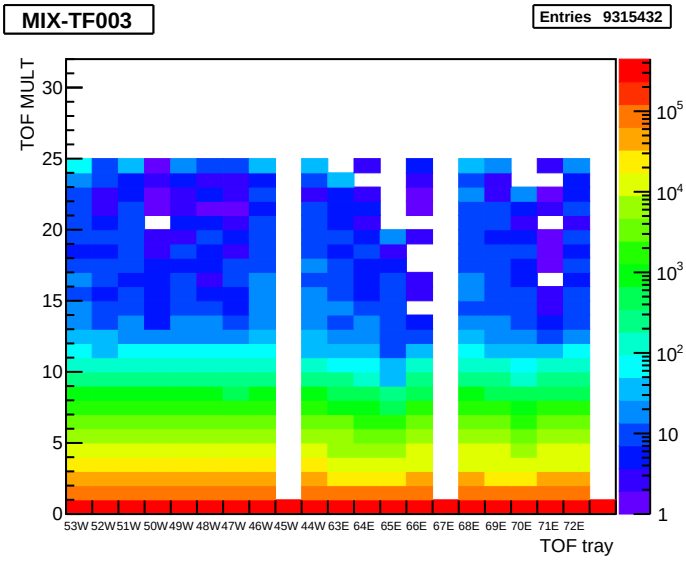

BunchId7Bit (BBC-TAC)
Entries 143344

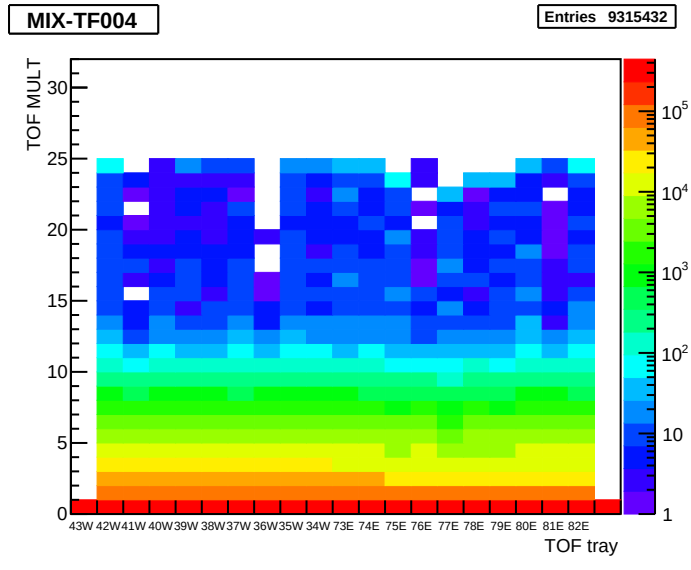

BunchId7Bit (Laser)
Entries 0

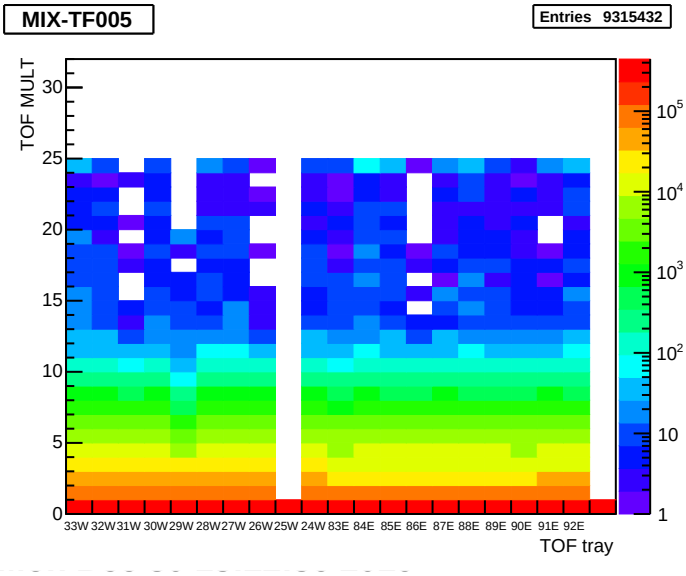

BunchId7Bit (TOFmult window)
Entries 14482

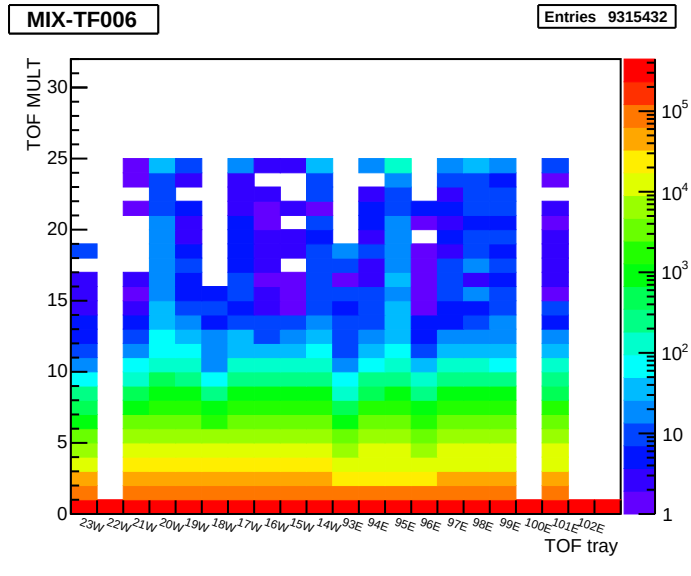

MIX-TF001
Entries 9315432
TOF MULT
TOF tray

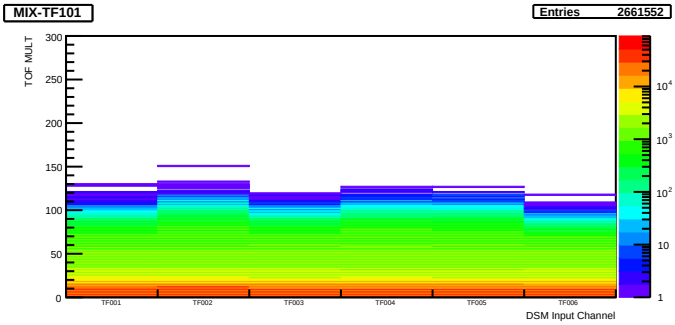

MIX-TF002
Entries 9315432
TOF MULT
TOF tray

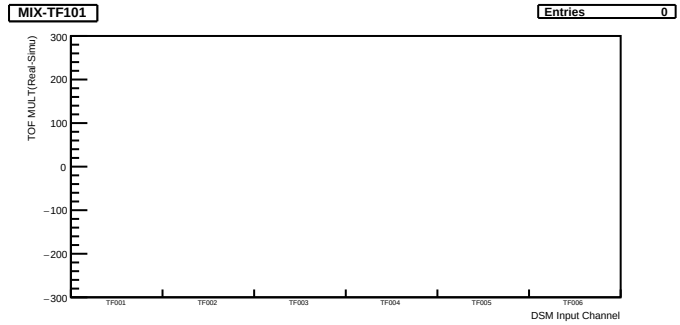

MIX-TF003
Entries 9315432
TOF MULT
TOF tray

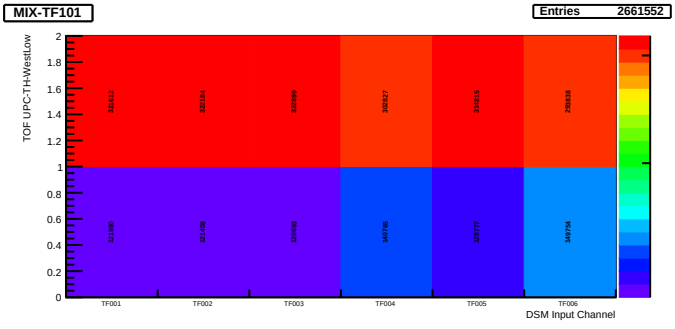

MIX-TF004
Entries 9315432
TOF MULT
TOF tray

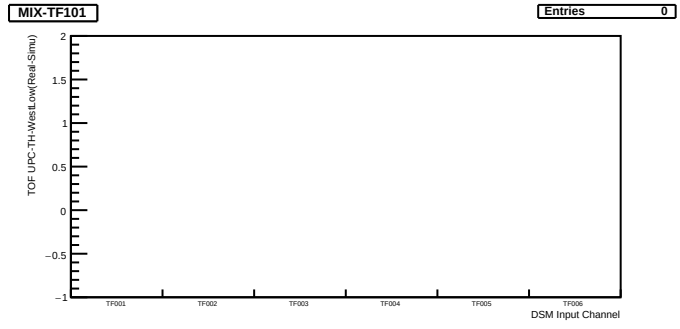

MIX-TF005
Entries 9315432
TOF MULT
TOF tray

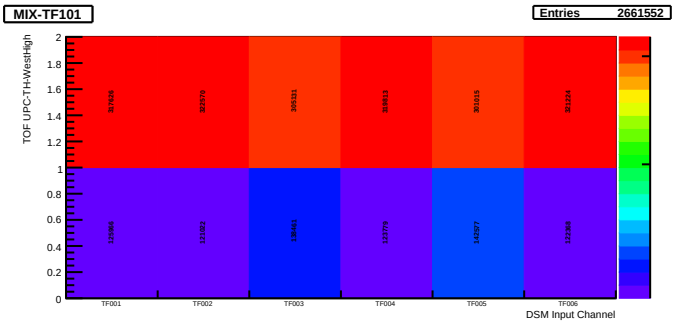

MIX-TF006
Entries 9315432
TOF MULT
TOF tray

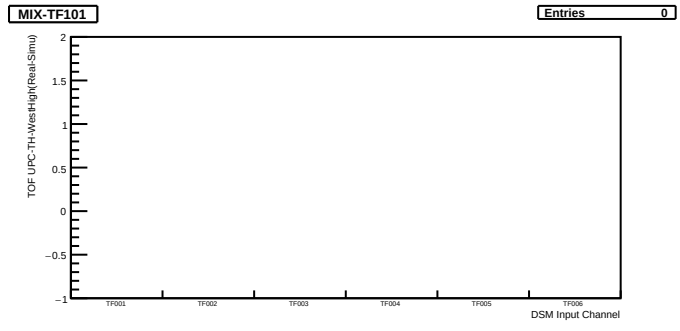

MIX-TF101
Entries 2661552
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

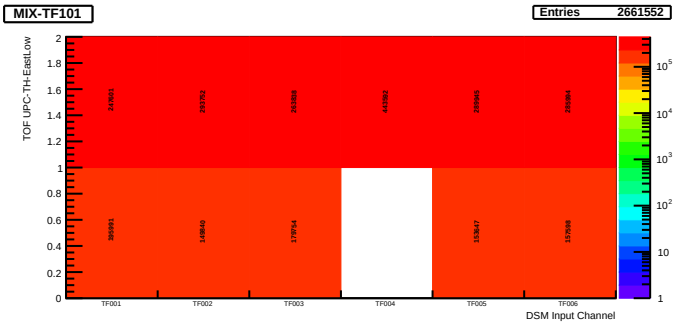

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

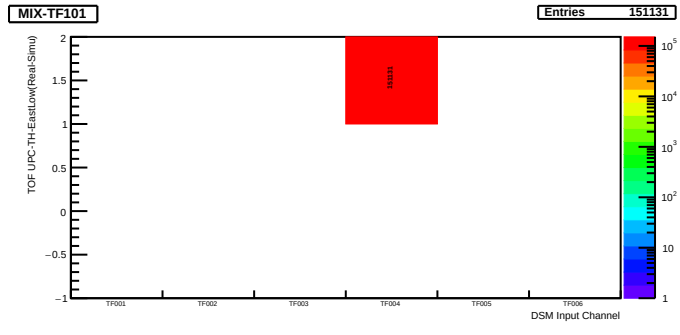

MIX-TF101
Entries 2661552
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

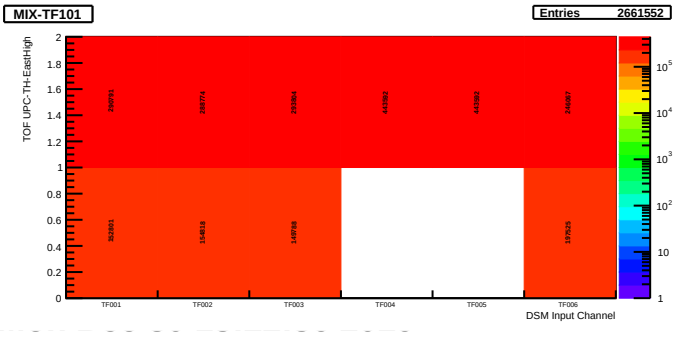

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

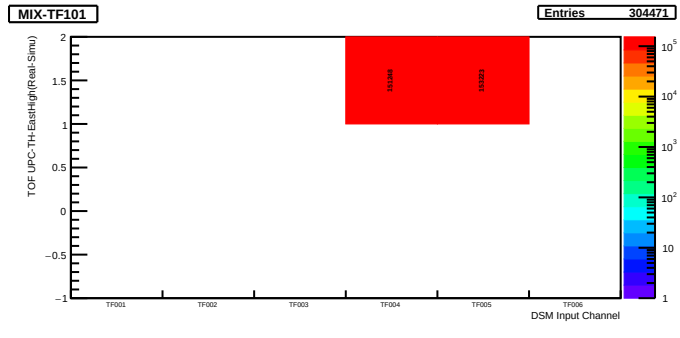

MIX-TF101
Entries 2661552
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

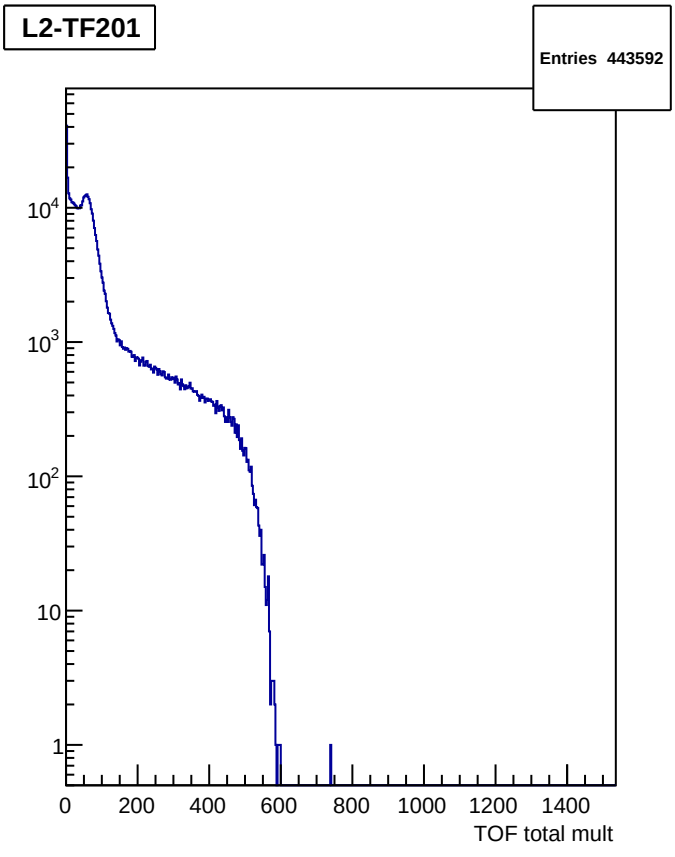

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

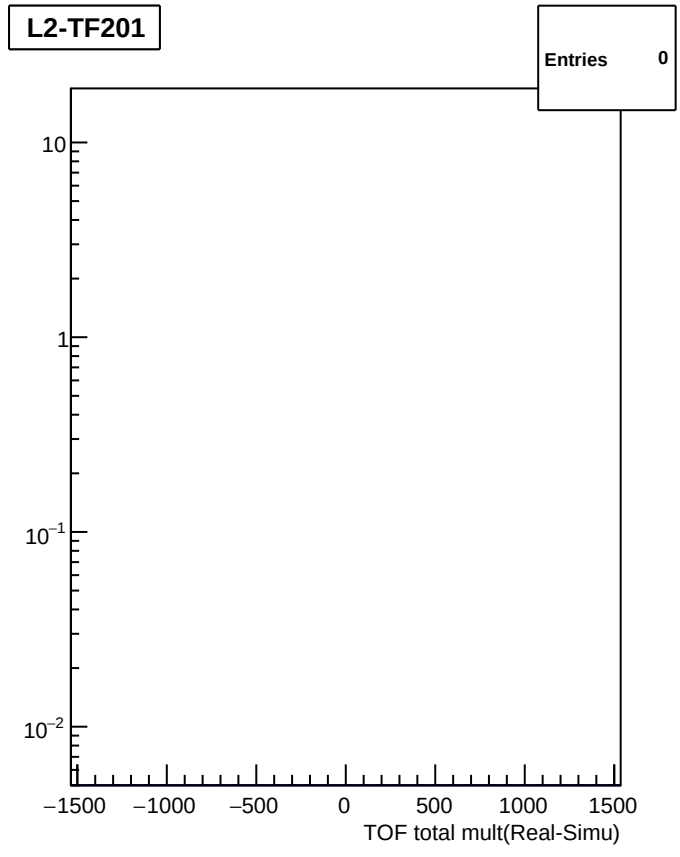

MIX-TF101
Entries 2661552
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

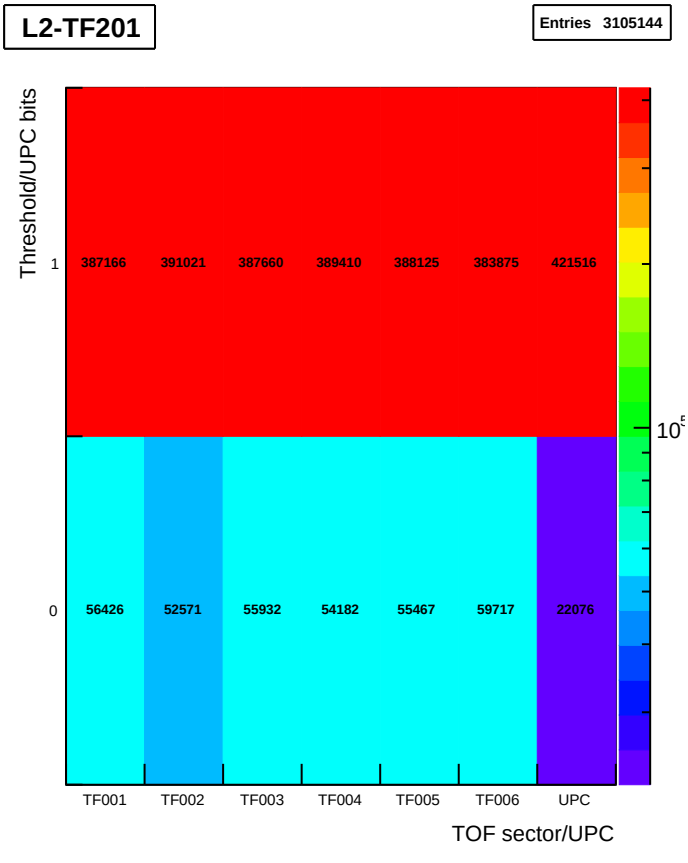

MIX-TF101
Entries 151131
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

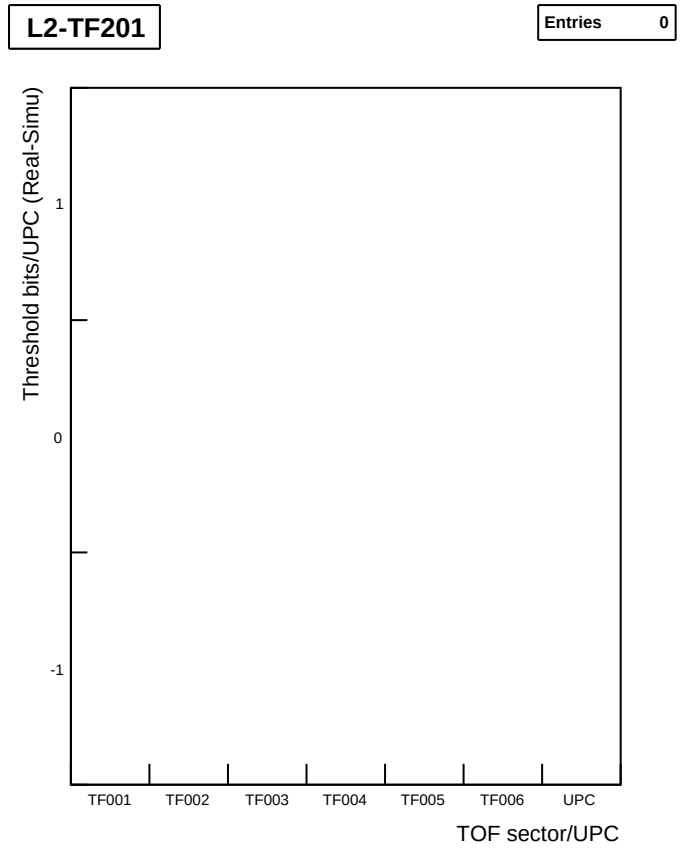

MIX-TF101
Entries 2661552
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

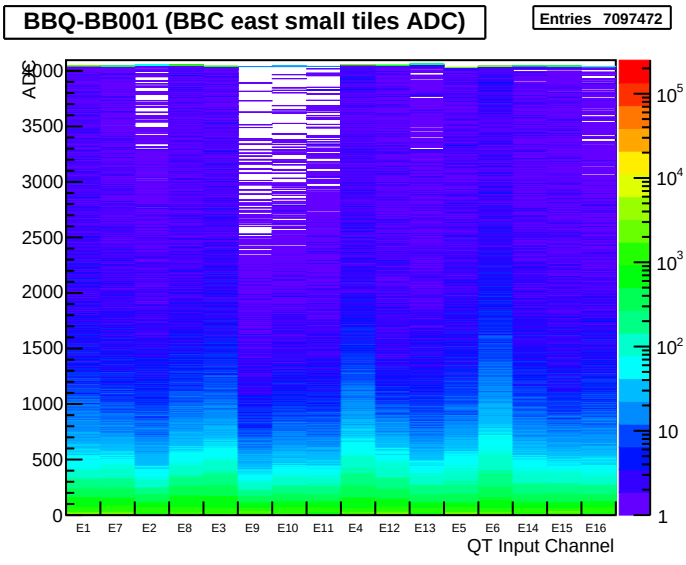

MIX-TF101
Entries 304471
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

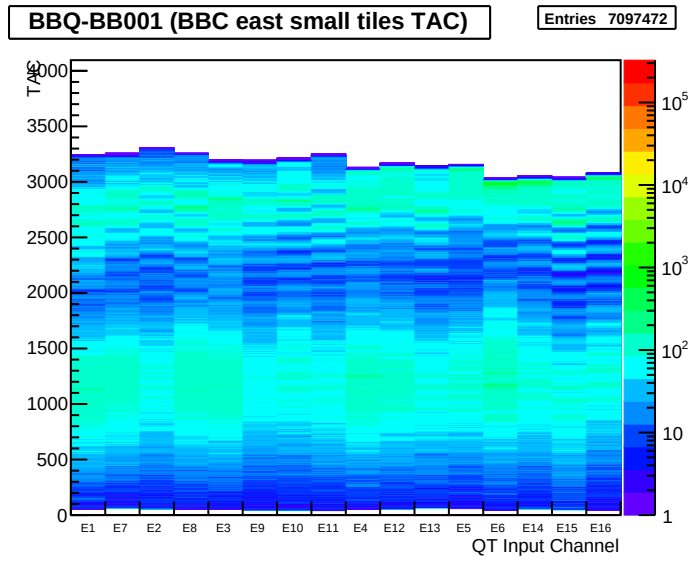

L2-TF201
Entries 443592
TOF total mult

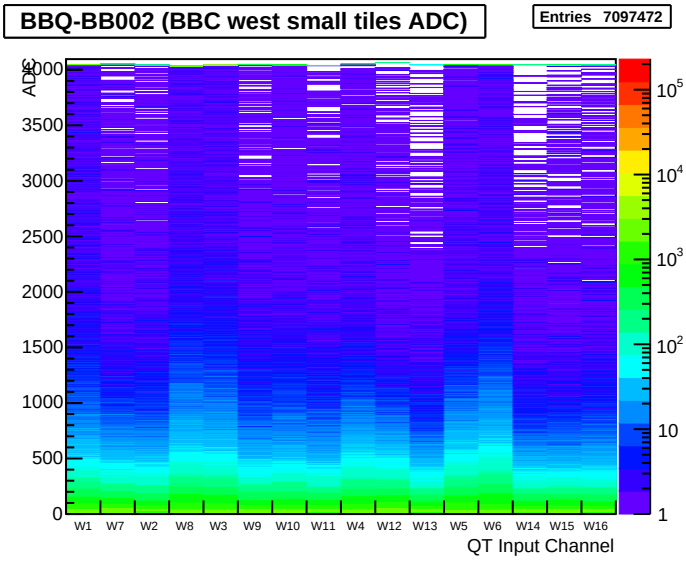

L2-TF201
Entries 0
TOF total mult(Real-Simu)

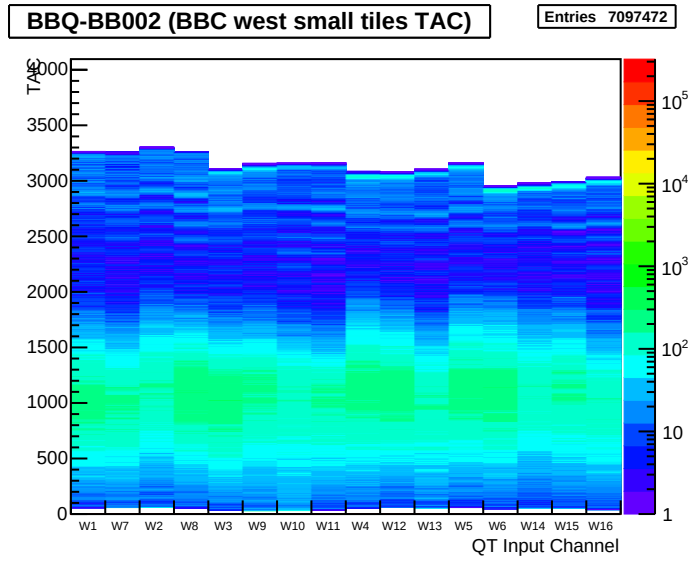

L2-TF201
Entries 3105144
Threshold/UPC bits
387166
391021
387660
389410
388125
383875
421516
56426
52571
55932
54182
55467
59717
22076
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

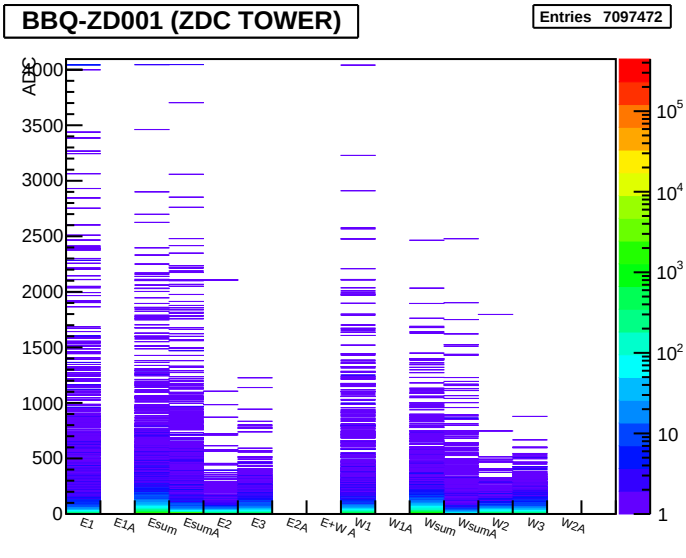

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

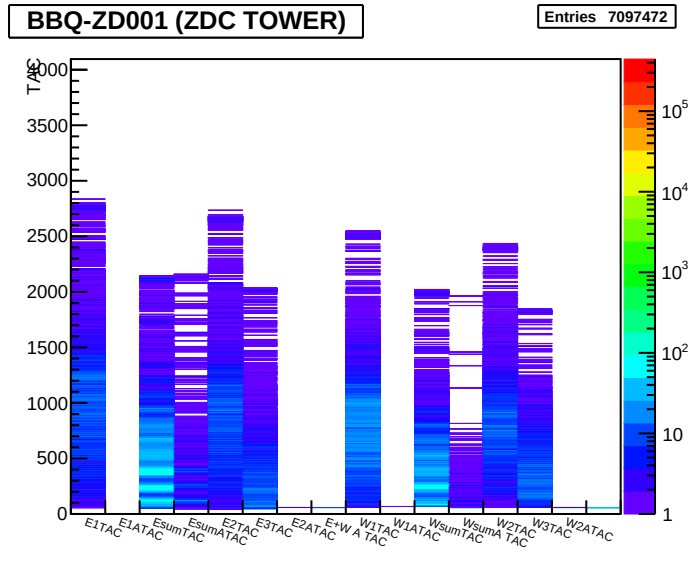

BBQ-BB001 (BBC east small tiles ADC)
Entries 7097472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

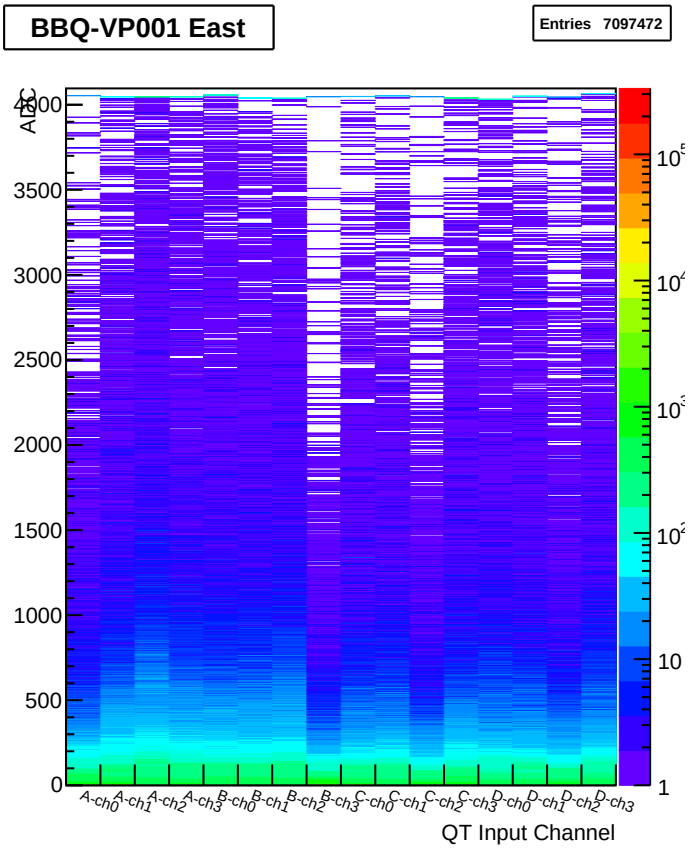

BBQ-BB001 (BBC east small tiles TAC)
Entries 7097472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

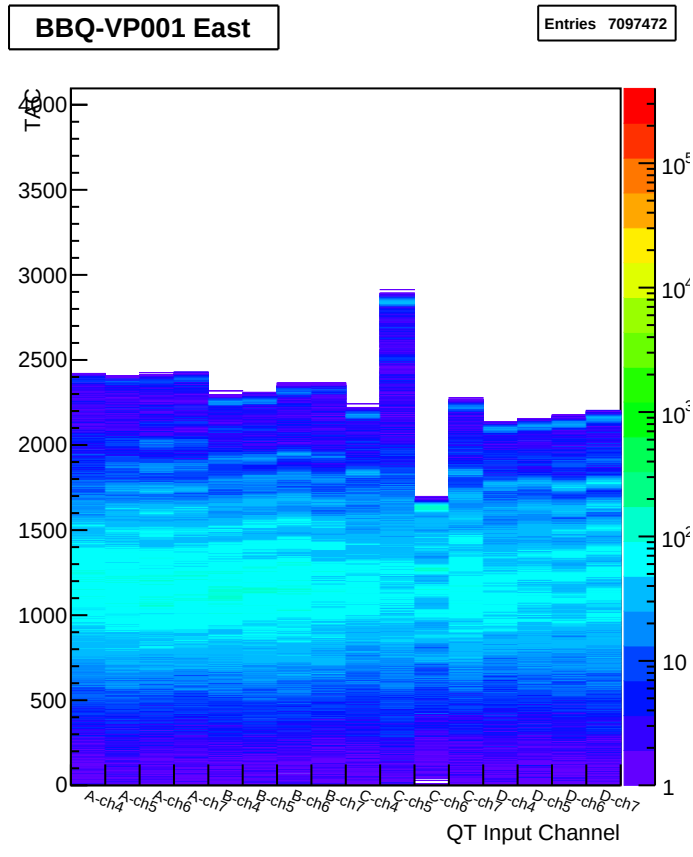

BBQ-BB002 (BBC west small tiles ADC)
Entries 7097472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

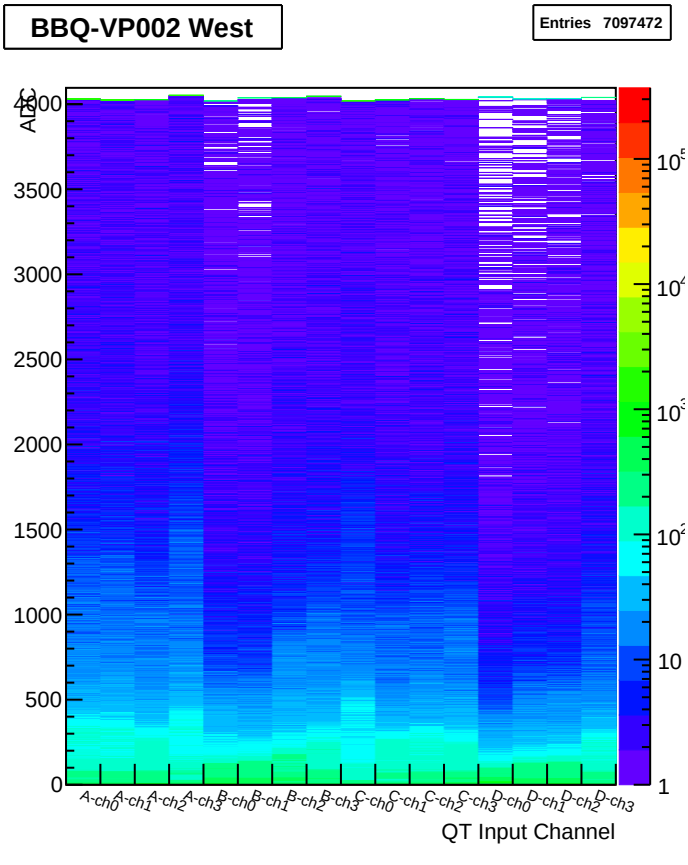

BBQ-BB002 (BBC west small tiles TAC)
Entries 7097472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

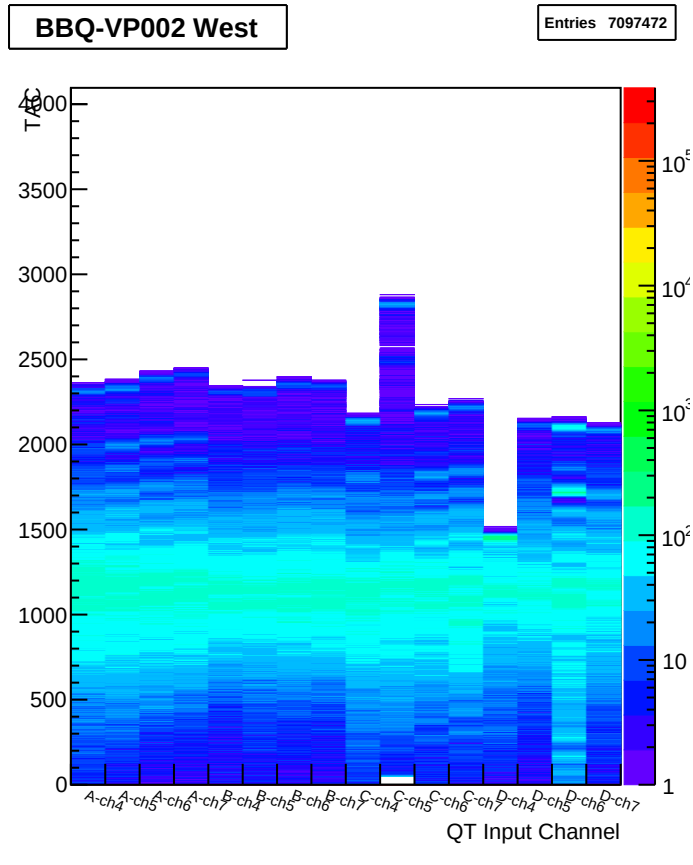

BBQ-ZD001 (ZDC TOWER)
Entries 7097472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

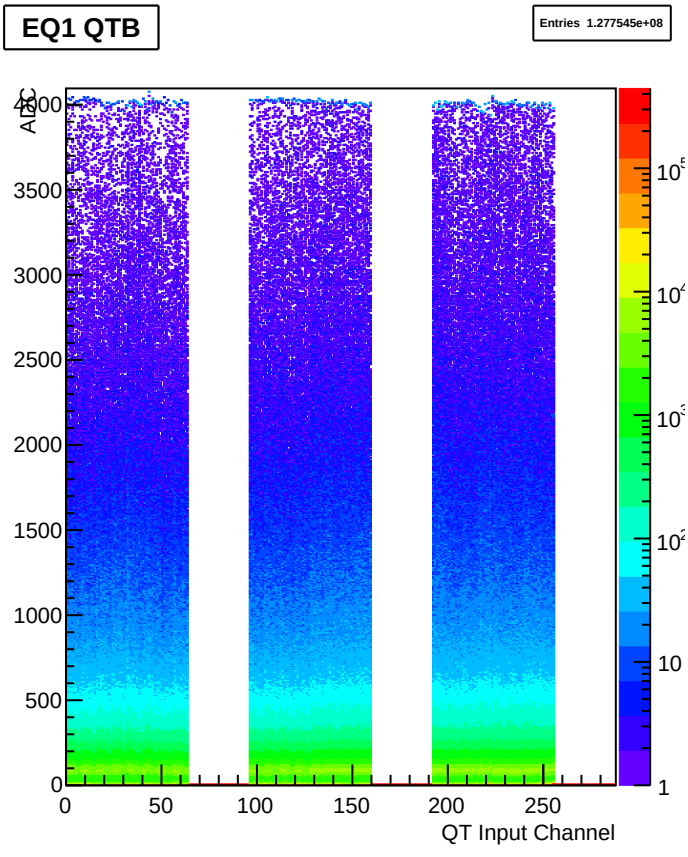

BBQ-ZD001 (ZDC TOWER)
Entries 7097472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

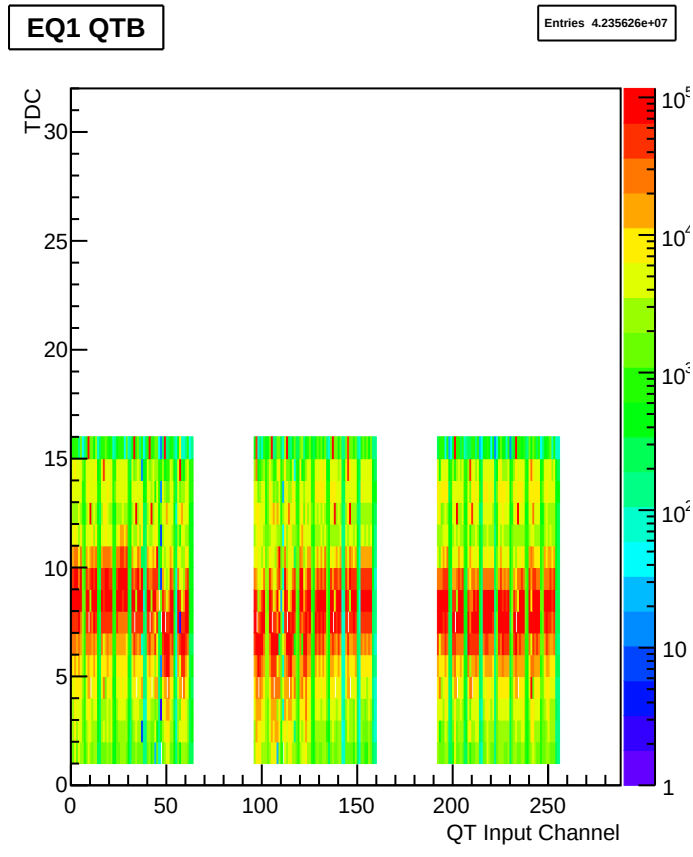

BBQ-VP001 East
Entries 7097472
ADC
QT Input Channel

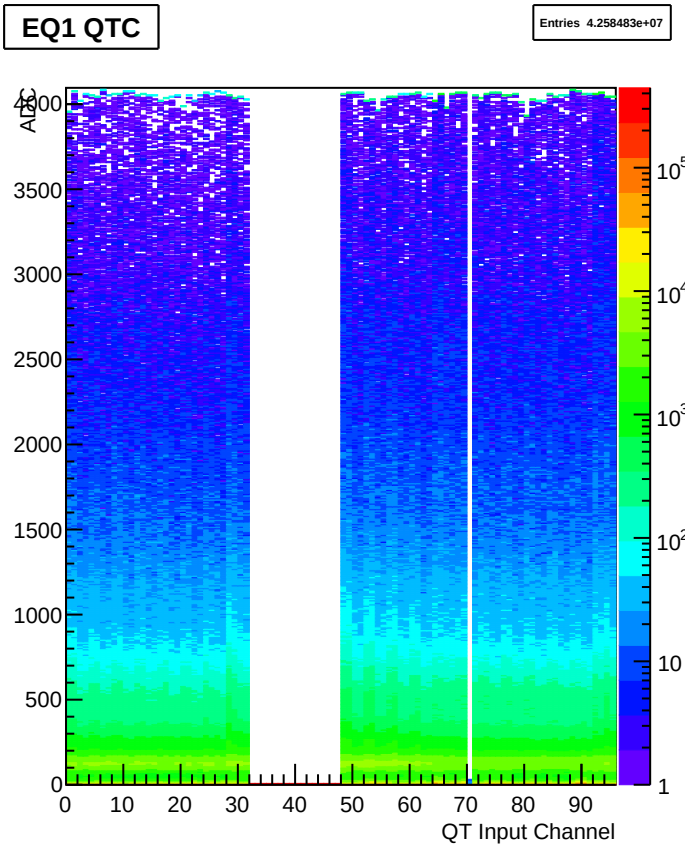

BBQ-VP001 East
Entries 7097472
ADC
QT Input Channel

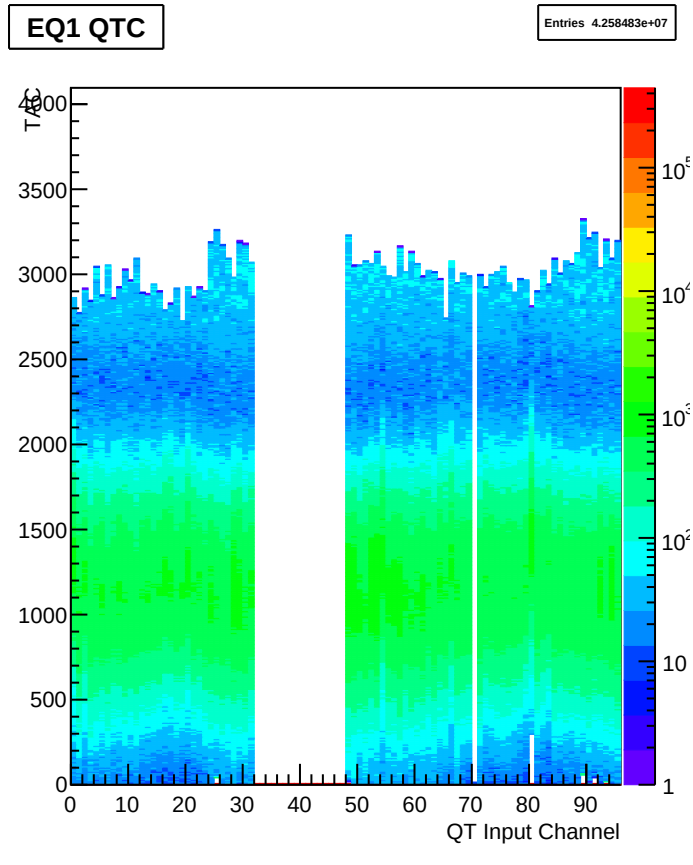

BBQ-VP002 West
Entries 7097472
ADC
QT Input Channel

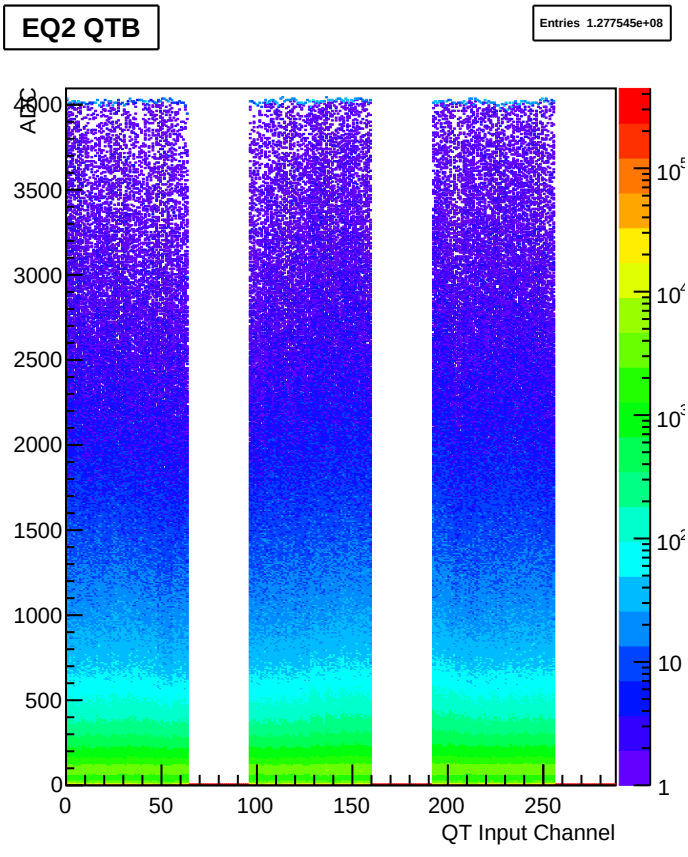

BBQ-VP002 West
Entries 7097472
ADC
QT Input Channel

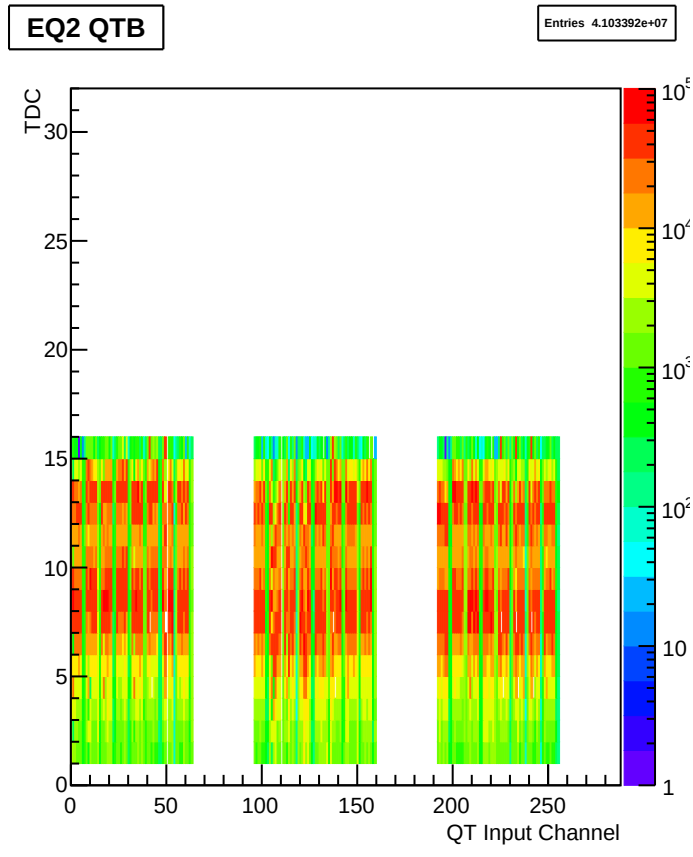

EQ1 QTB
Entries 1.277545e+08
ADC
QT Input Channel

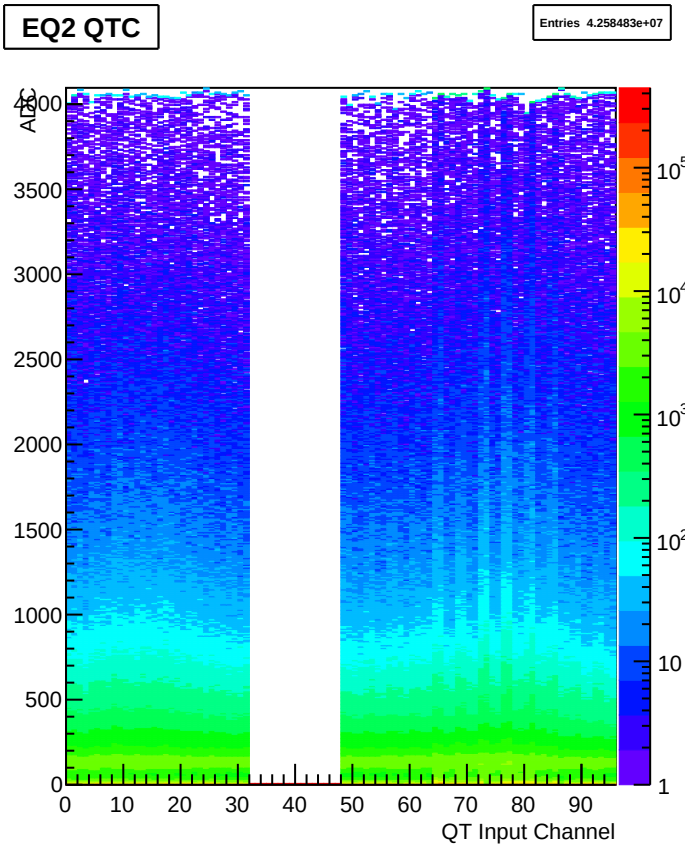

EQ1 QTB
Entries 4.235626e+07
TDC
QT Input Channel

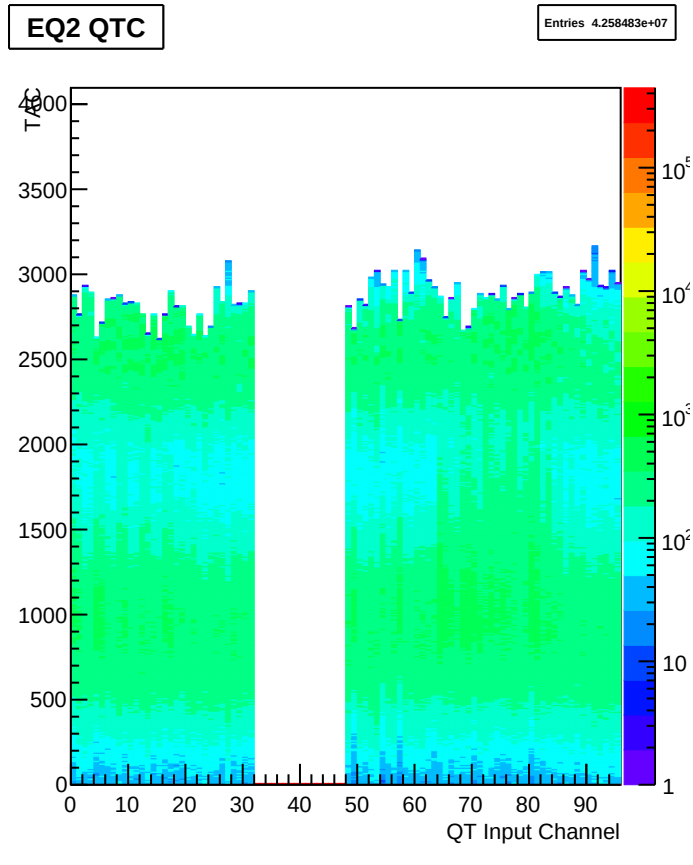

EQ1 QTC
Entries 4.258483e+07
ADC
QT Input Channel

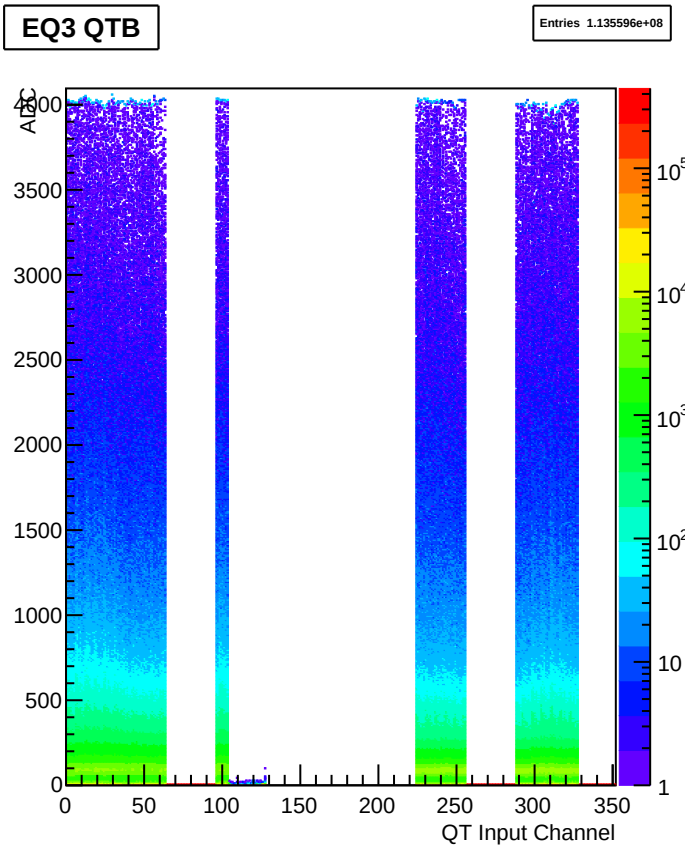

EQ1 QTC
Entries 4.258483e+07
TADC
QT Input Channel

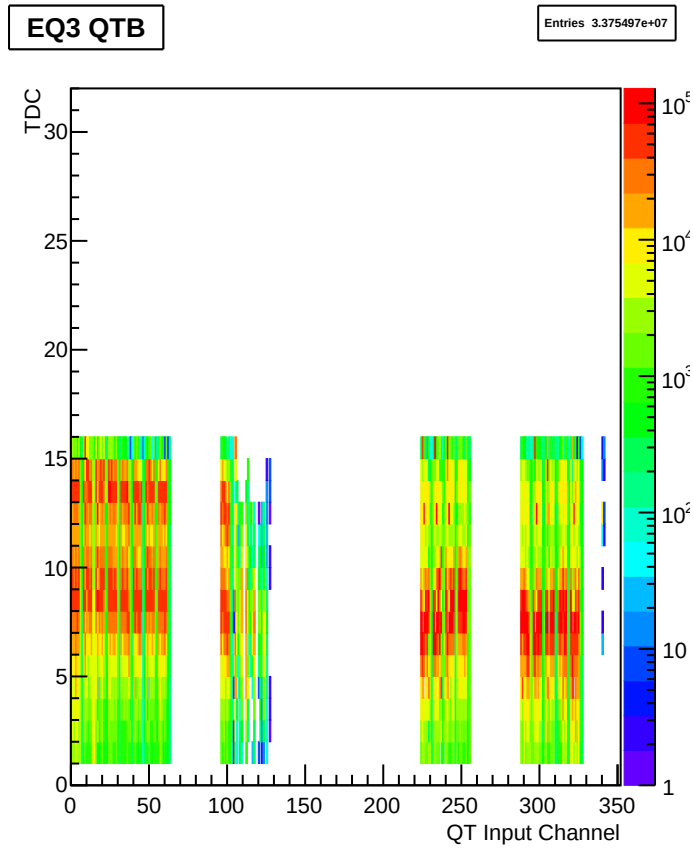

EQ2 QTB
Entries 1.277545e+08
ADC
QT Input Channel

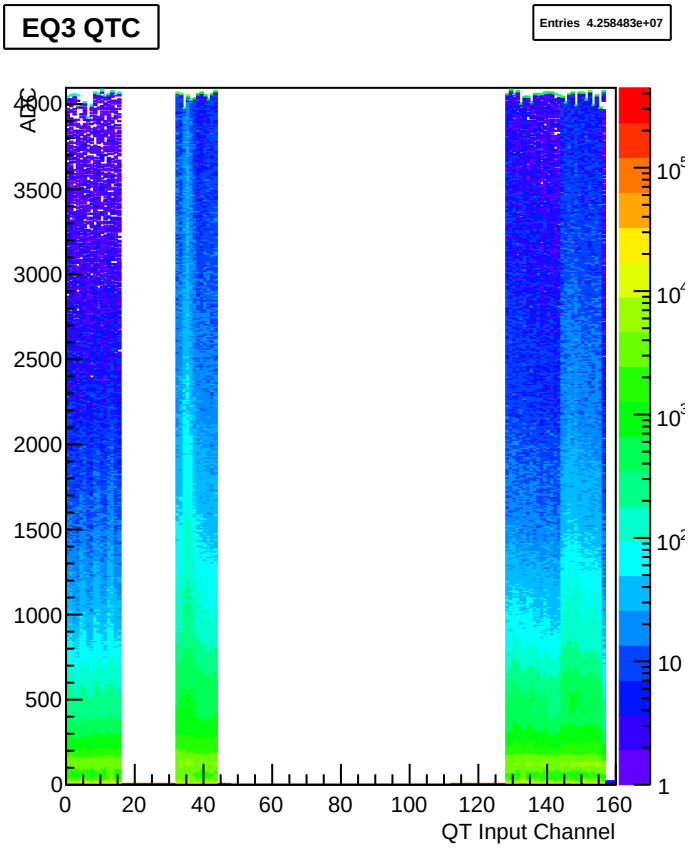

EQ2 QTB
Entries 4.103392e+07
TDC
QT Input Channel

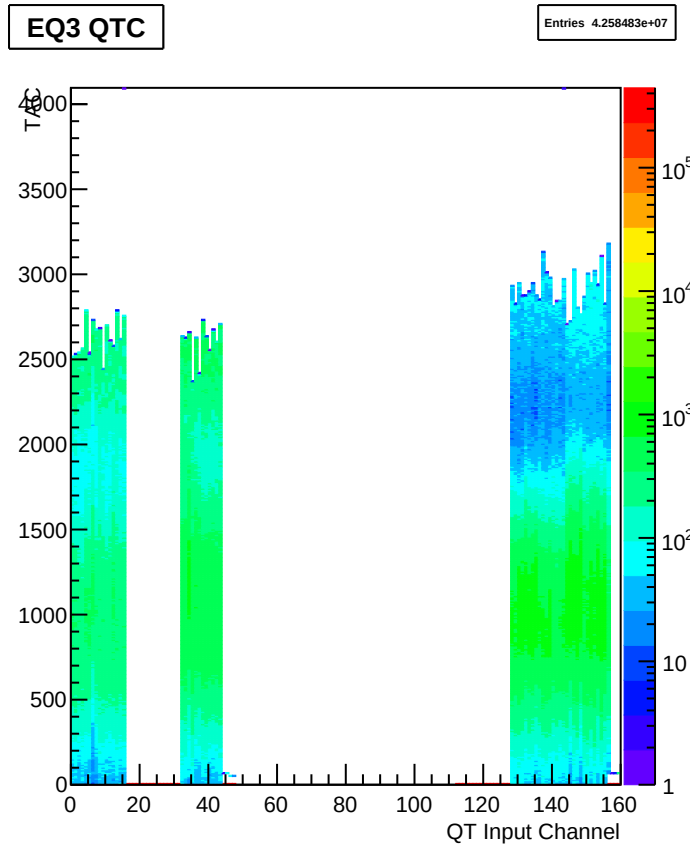

EQ2 QTC
Entries 4.258483e+07
ADC
QT Input Channel

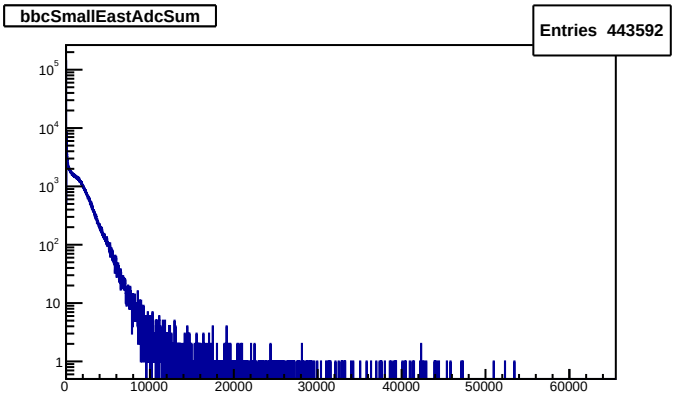

EQ2 QTC
Entries 4.258483e+07
TADC
QT Input Channel

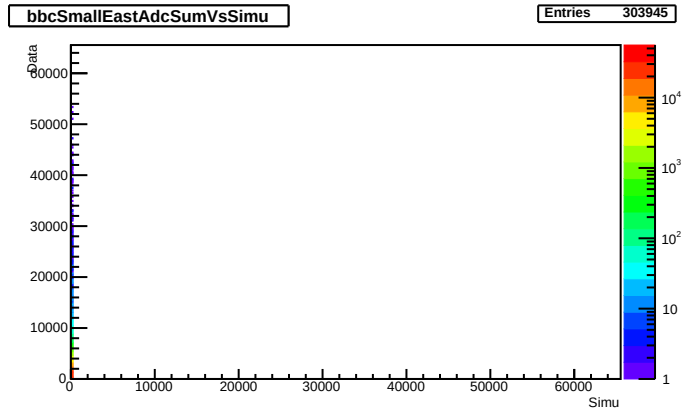

EQ3 QTB
Entries 1.135596e+08
ADC
QT Input Channel

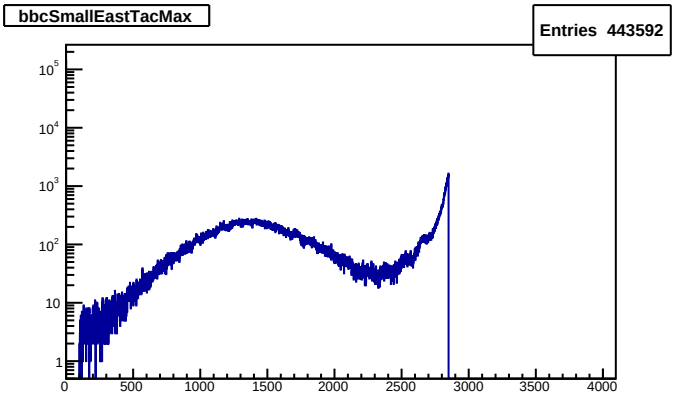

EQ3 QTB
Entries 3.375497e+07
TDC
QT Input Channel

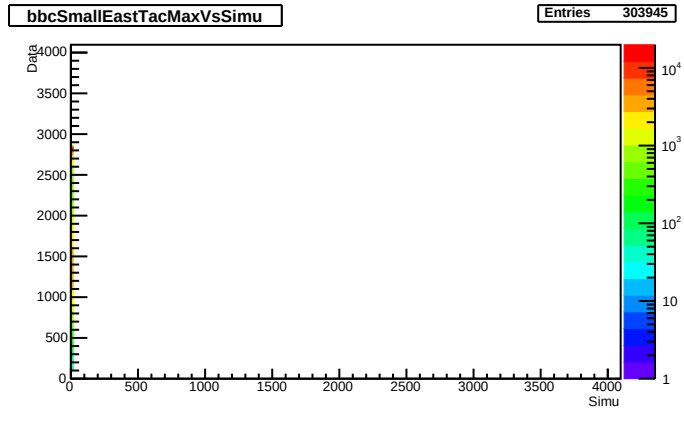

EQ3 QTC
Entries 4.258483e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.258483e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 443592


bbcSmallEastAdcSumVsSimu
Entries 303945
Data
Simu


bbcSmallEastTacMax
Entries 443592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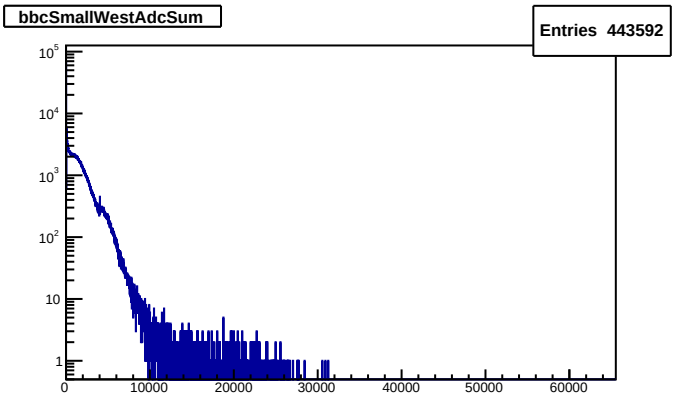
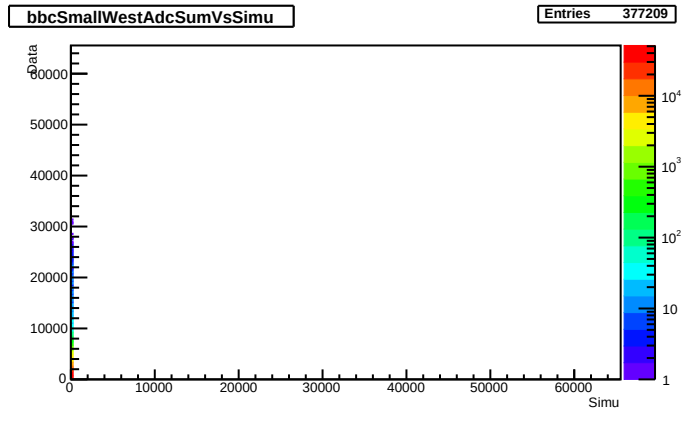
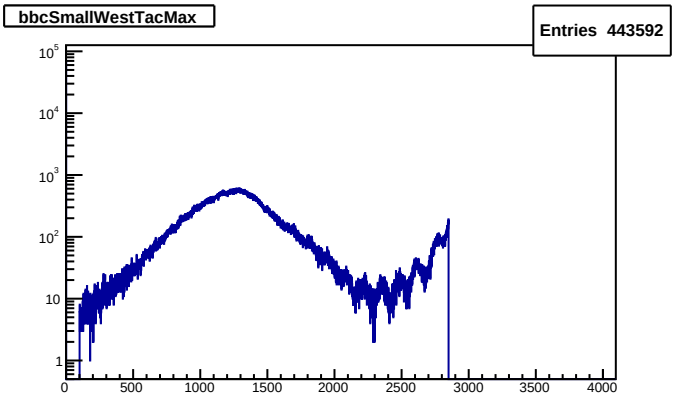
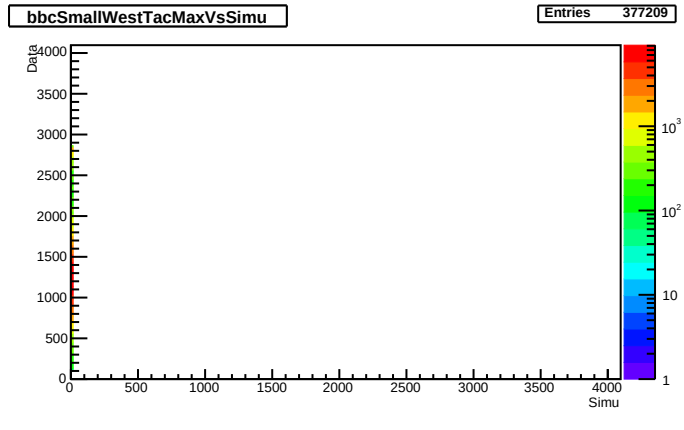
Entries 303945
Data
Simu


bbcSmallWestAdcSum
Entries 443592


bbcSmallWestAdcSumVsSimu
Entries 377209
Data
Simu


bbcSmallWestTacMax
Entries 443592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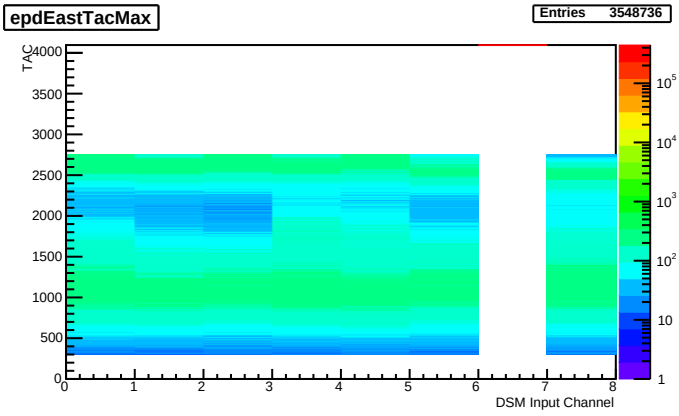
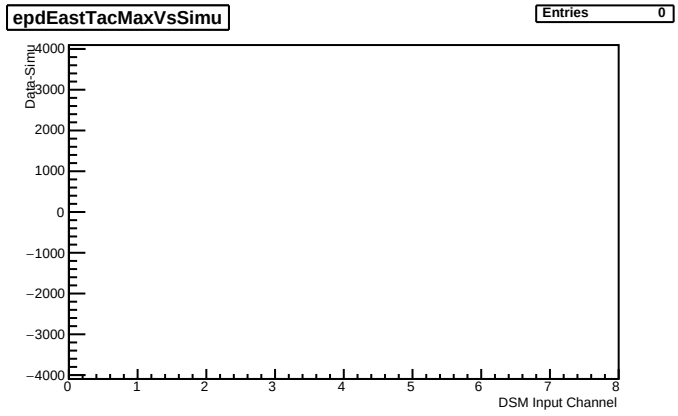
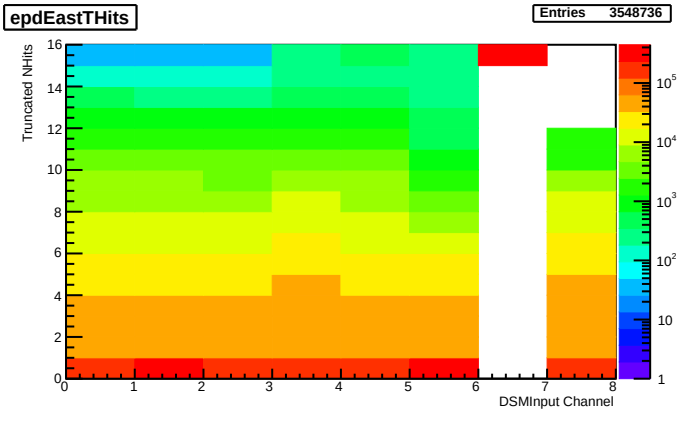
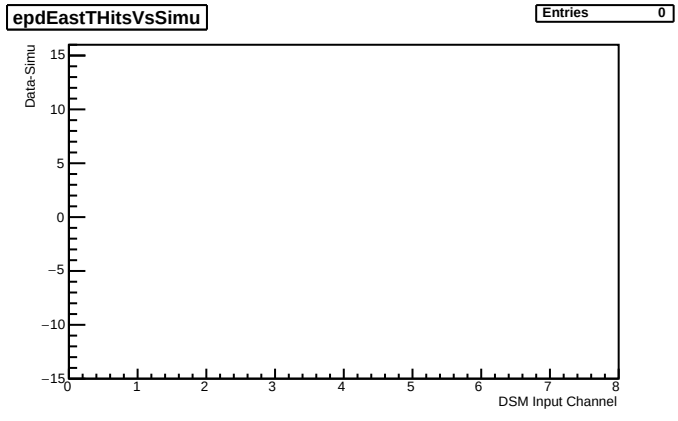
Entries 377209
Data
Simu


epdEastTacMax
Entries 3548736
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3548736
Truncated NHits
DSMInput Channel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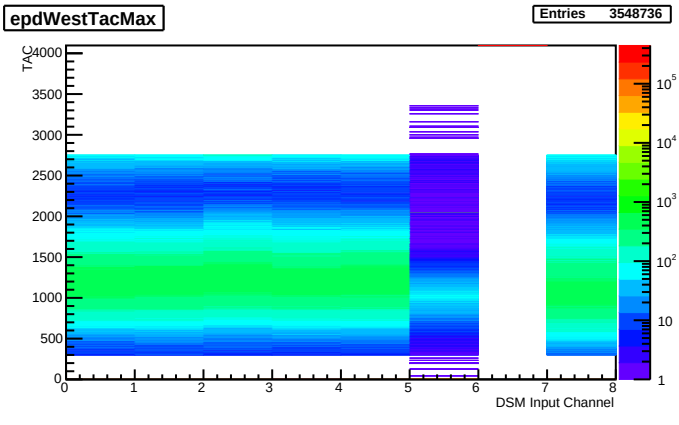
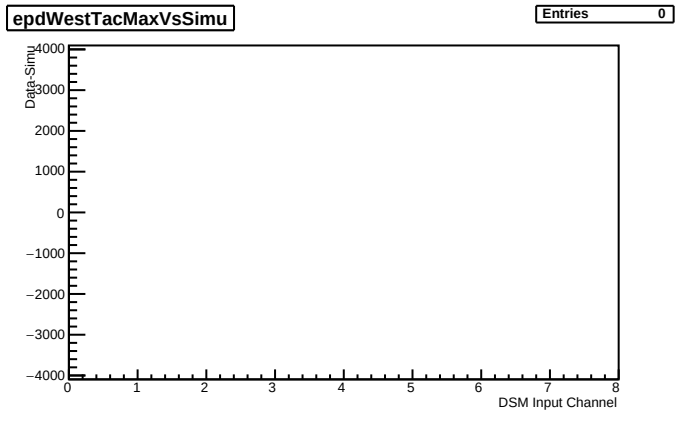
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3548736
TAC
DSM Input Channel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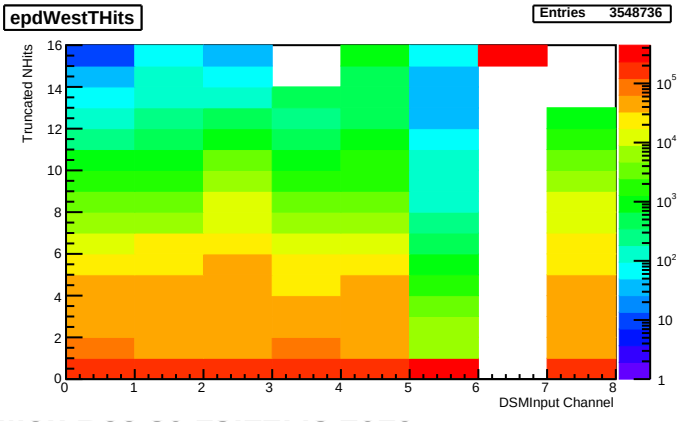
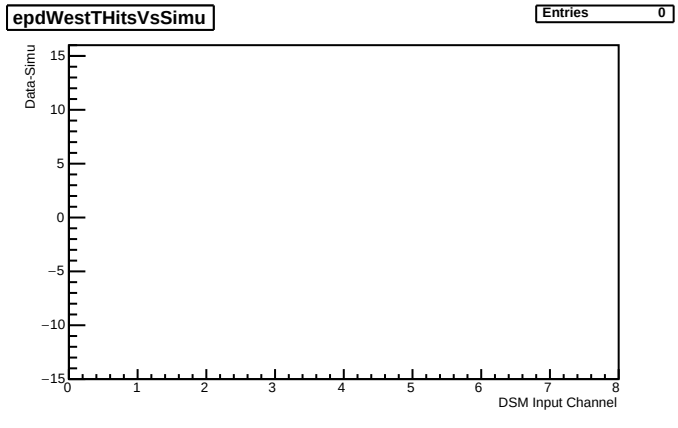
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3548736
Truncated NHits
DSMInput Channel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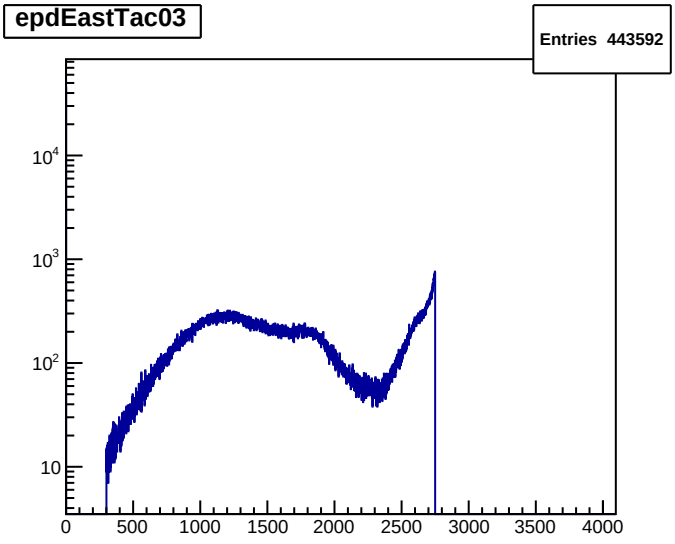
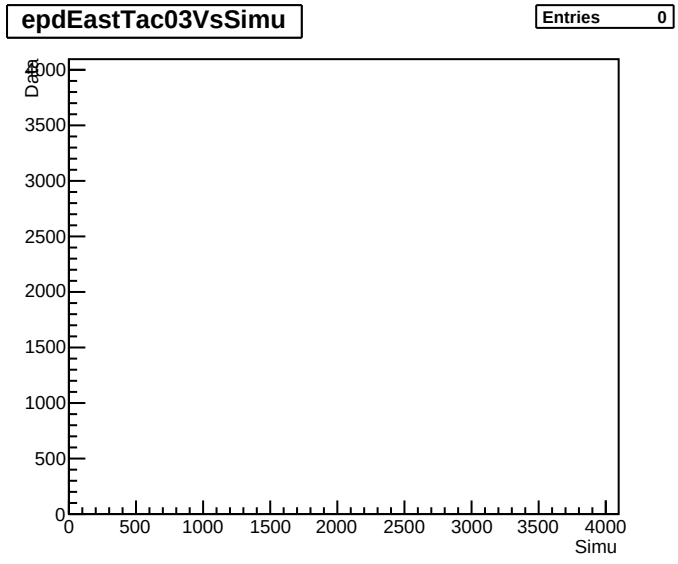
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 443592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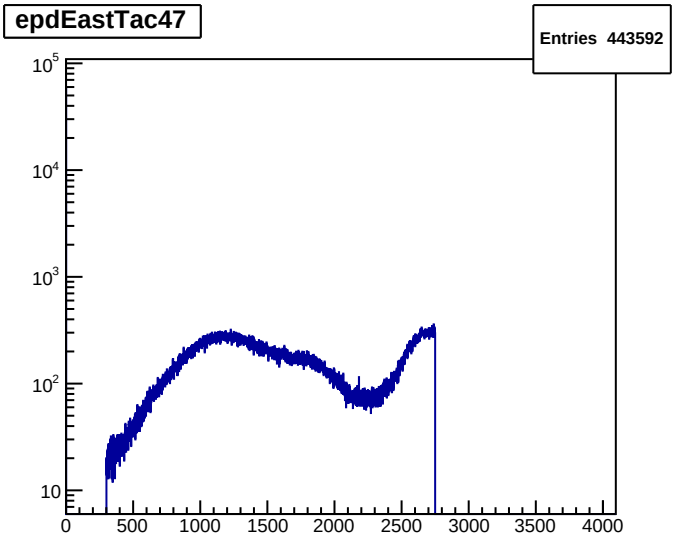
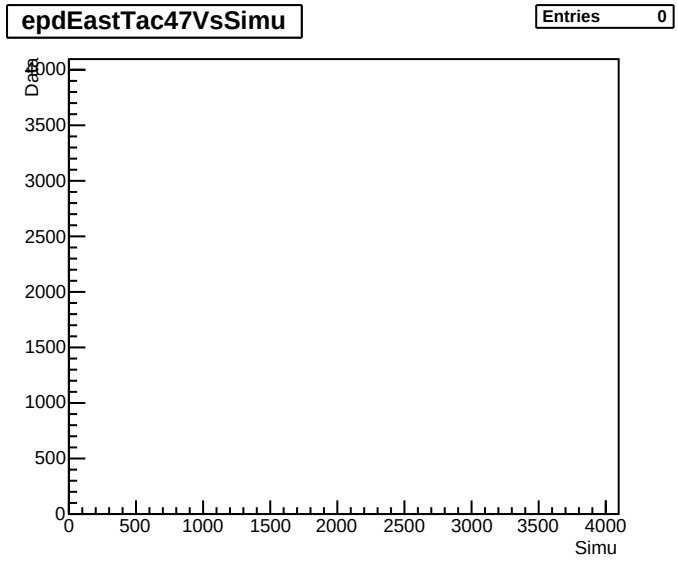
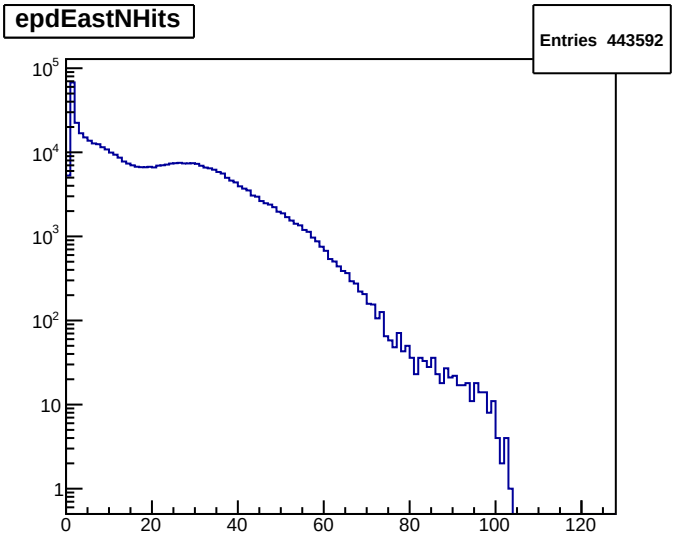
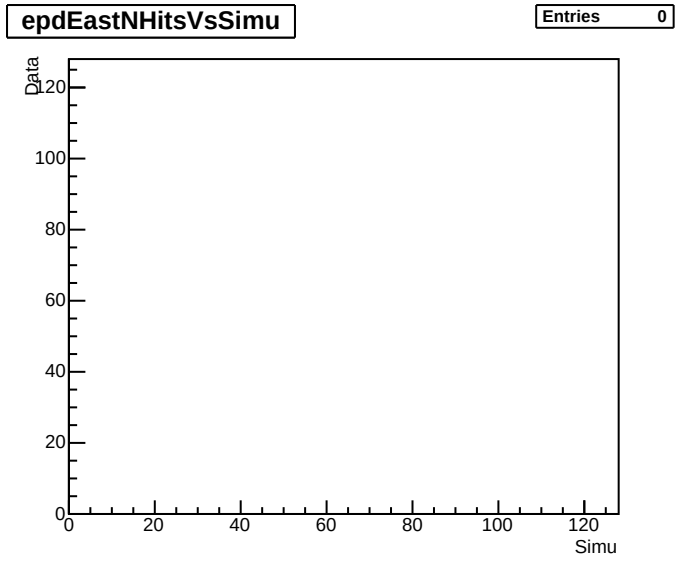
Entries 0
Data
Simu


epdEastTac47
Entries 443592


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 443592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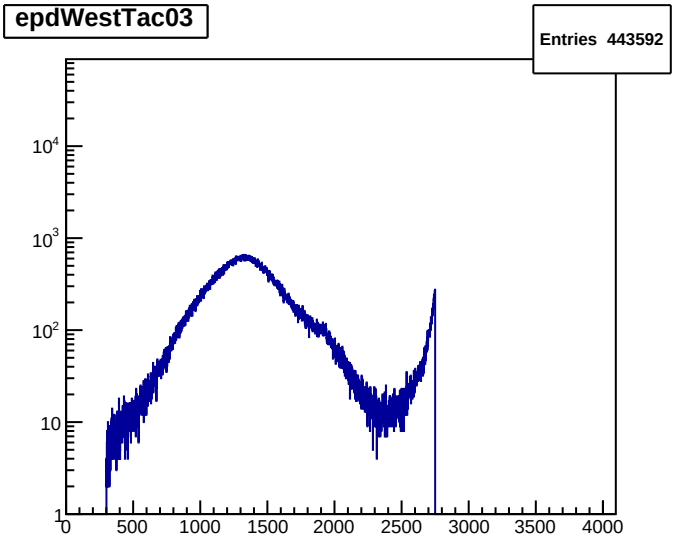
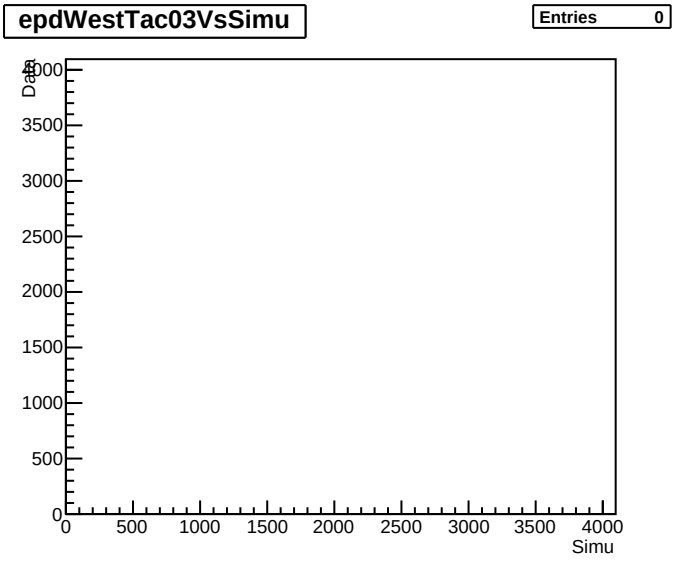
Entries 0
Data
Simu


epdWestTac03
Entries 443592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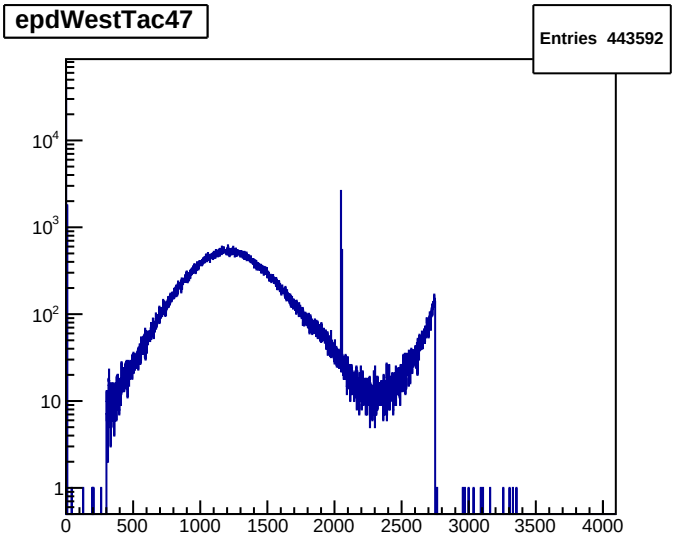
Entries 0
Data
Simu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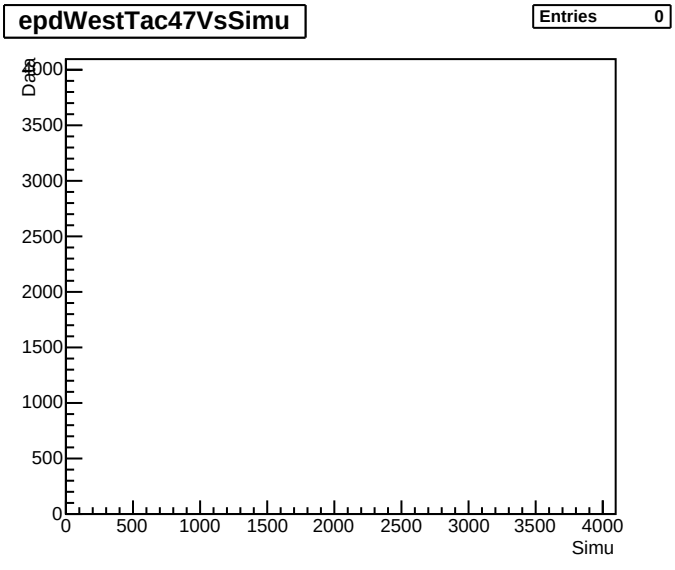
Entries 443592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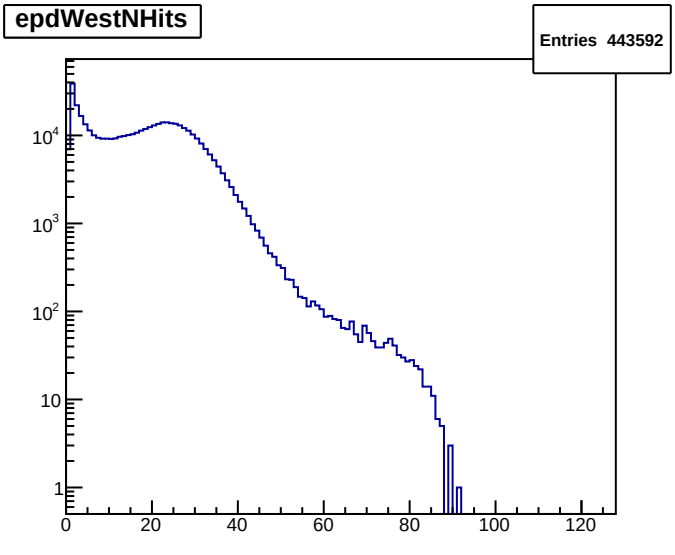
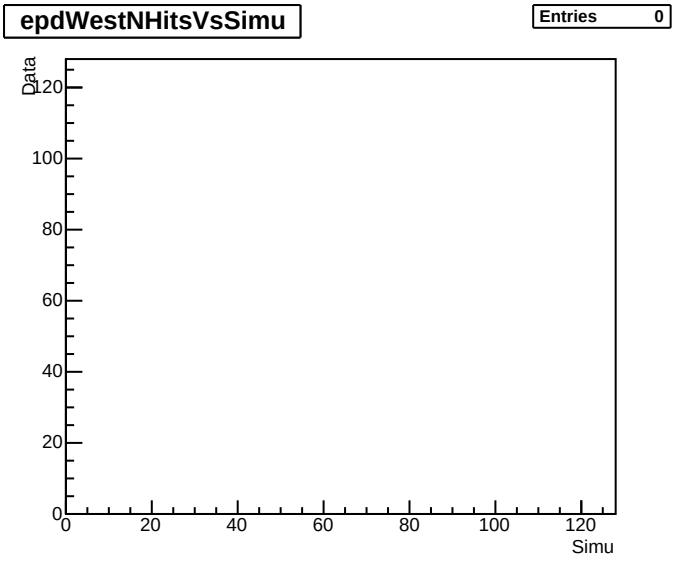
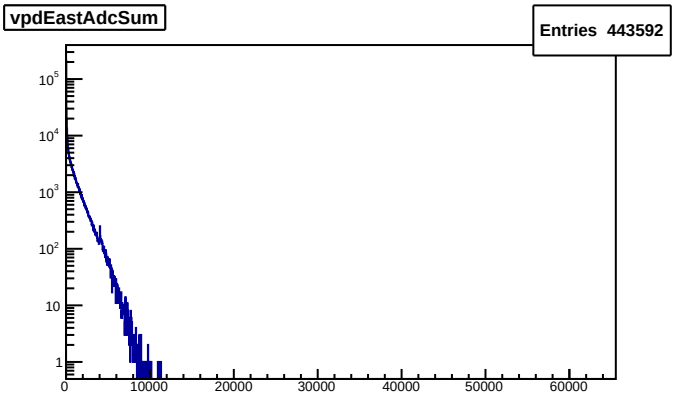
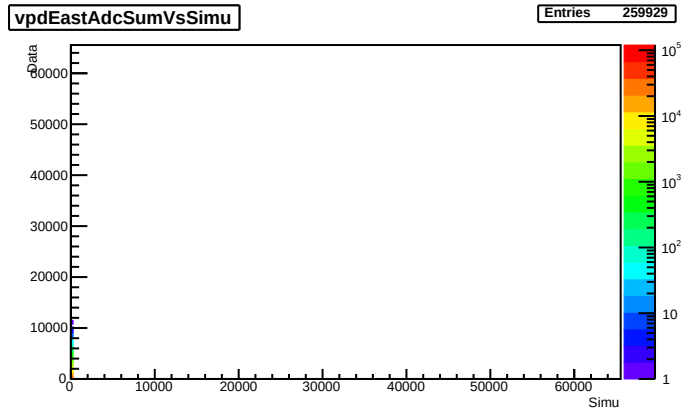
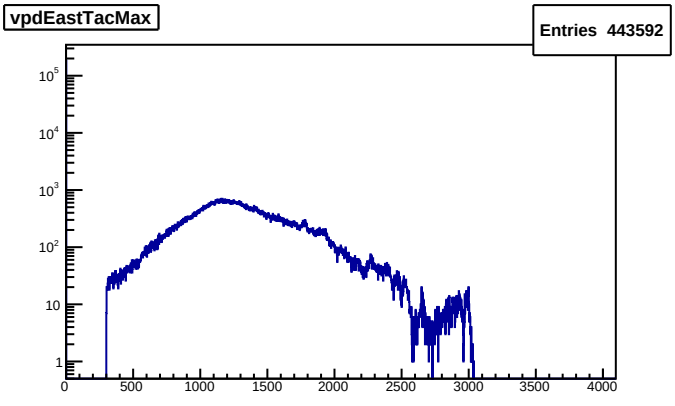
Entries 0
Data
Simu

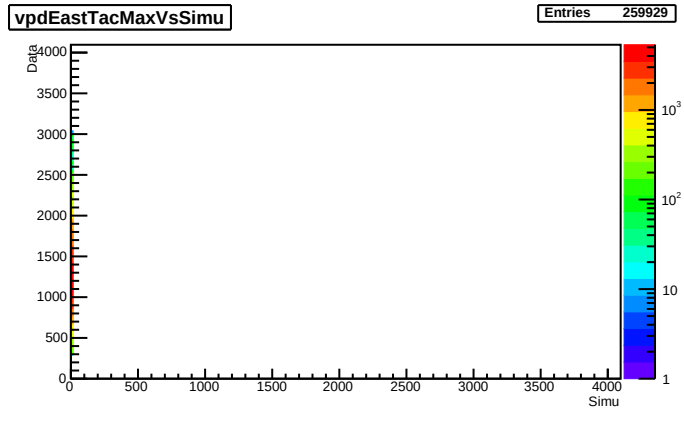

epdWestNHits
Entries 443592

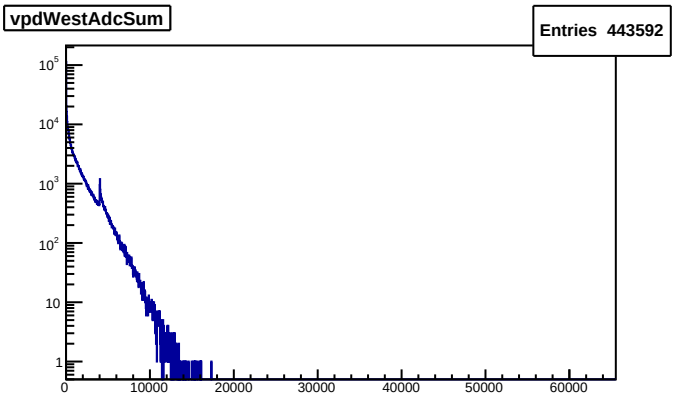

epdWestNHitsVsSimu
Entries 0
Data
Simu

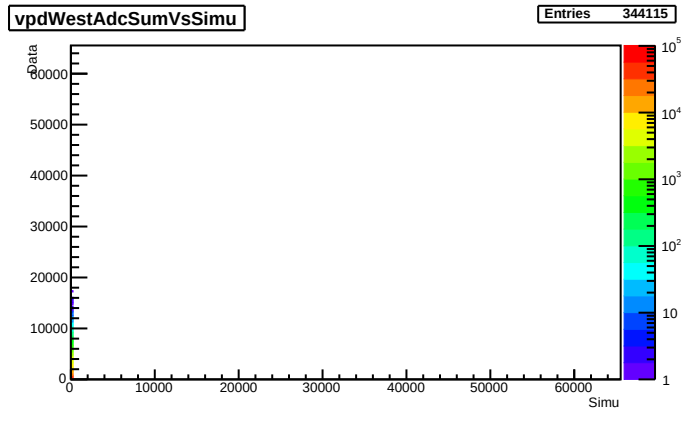

vpdEastAdcSum
Entries 443592

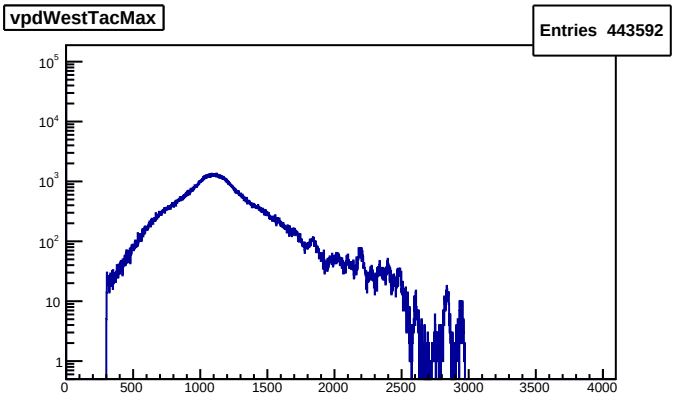

vpdEastAdcSumVsSimu
Entries 259929
Data
Simu

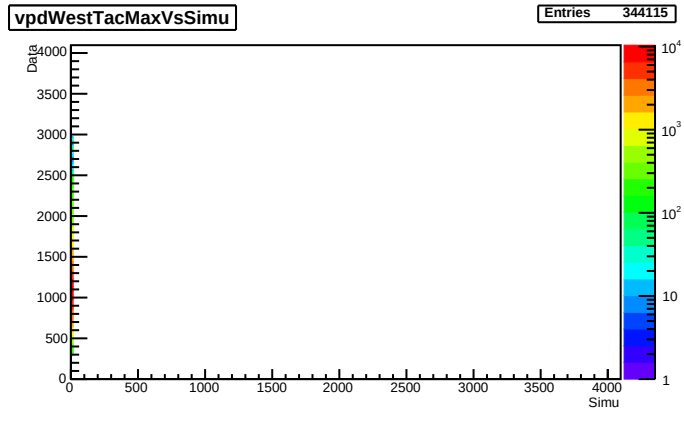

vpdEastTacMax
Entries 443592

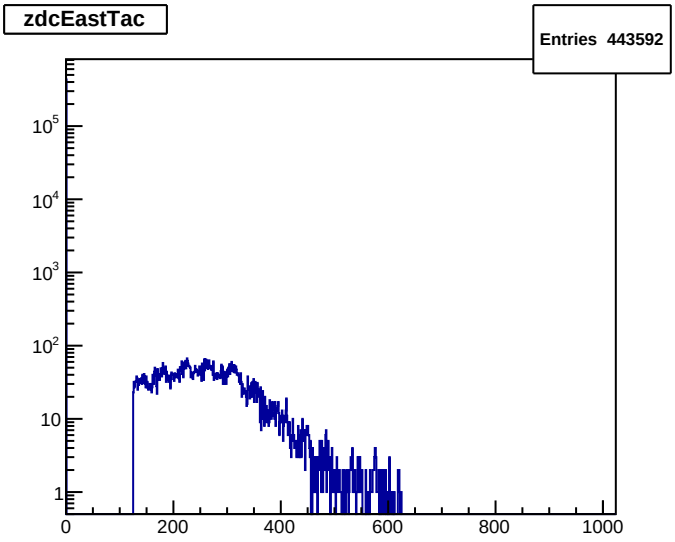

vpdEastTacMaxVsSimu
Entries 259929
Data
Simu

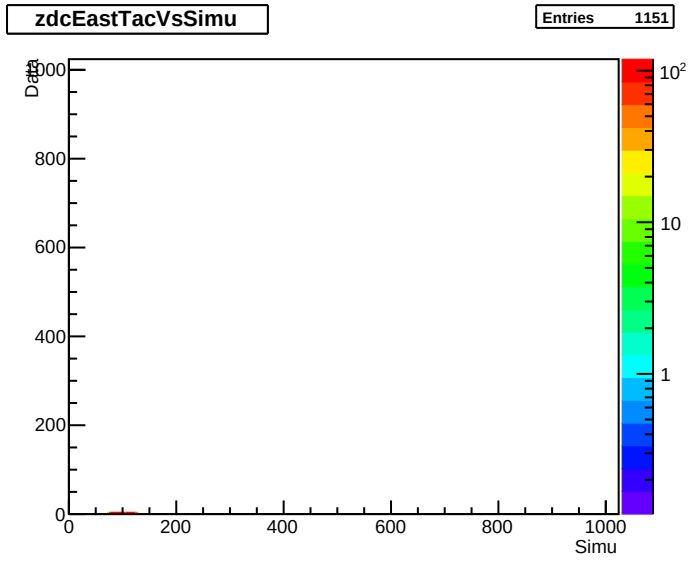

vpdWestAdcSum
Entries 443592

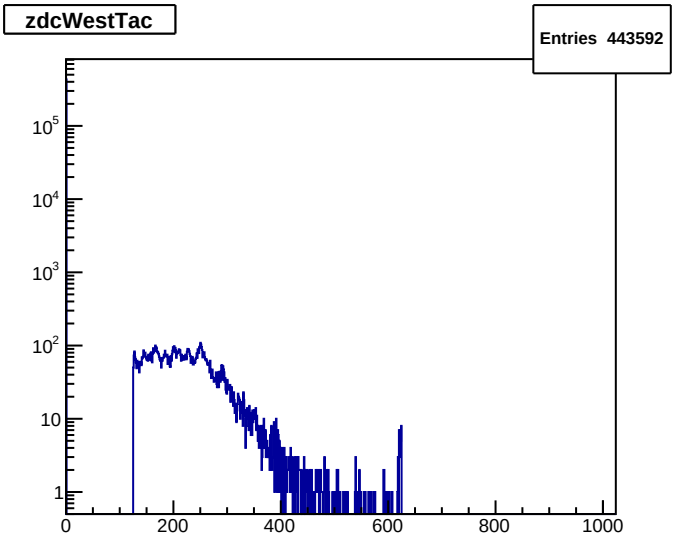

vpdWestAdcSumVsSimu
Entries 344115
Data
Simu

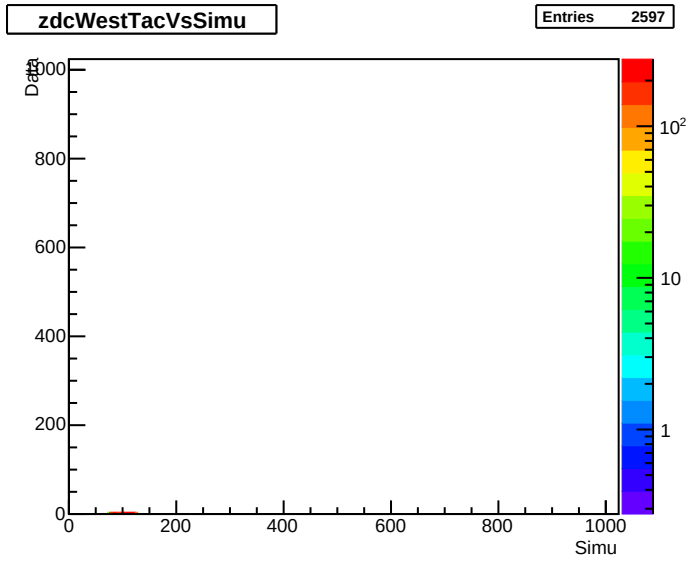

vpdWestTacMax
Entries 443592

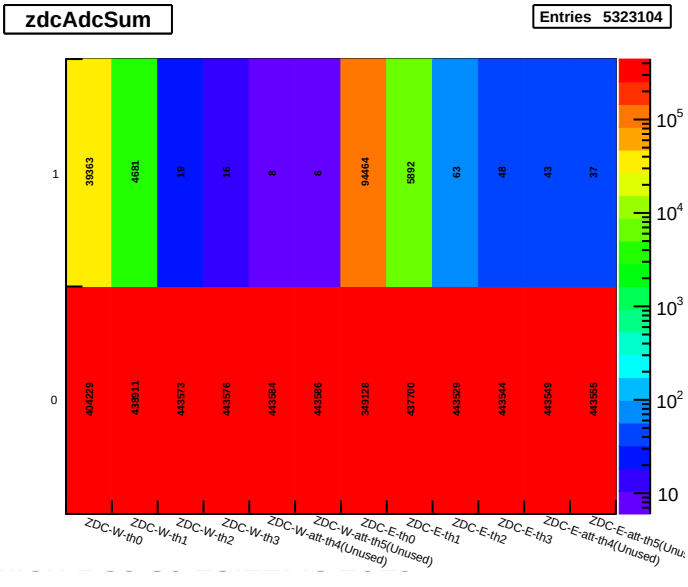

vpdWestTacMaxVsSimu
Entries 344115
Data
Simu

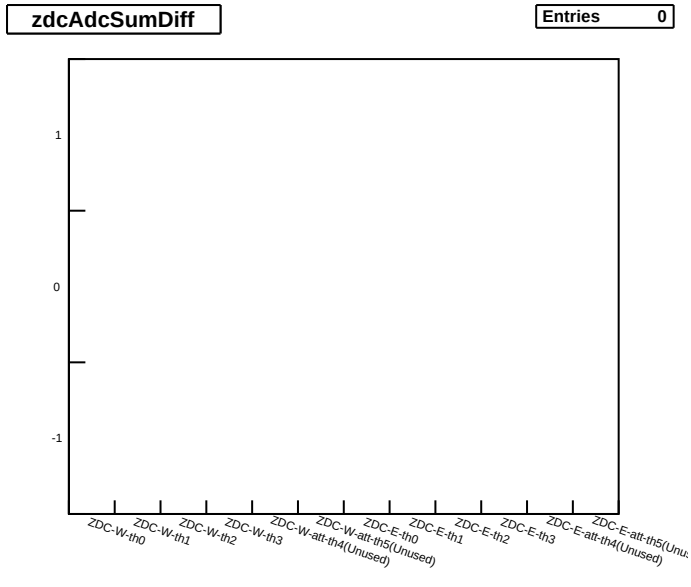

zdcEastTac
Entries 443592

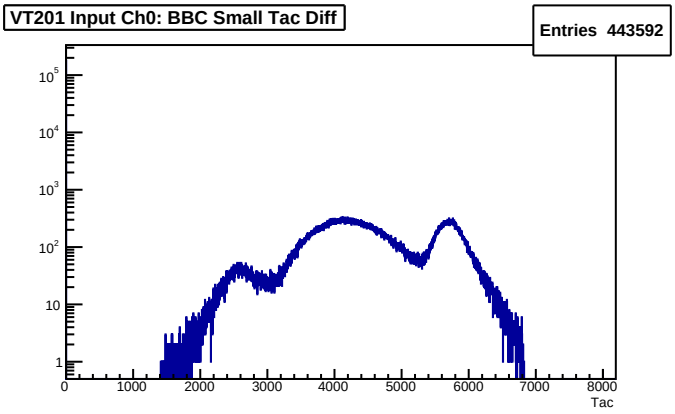

zdcEastTacVsSimu
Entries 1151
Data
Simu

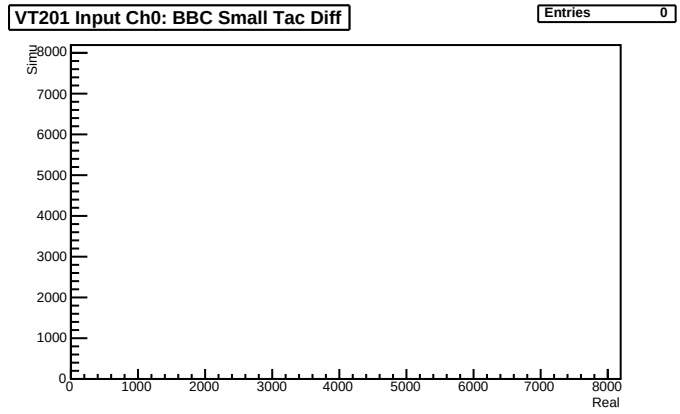

zdcWestTac
Entries 443592

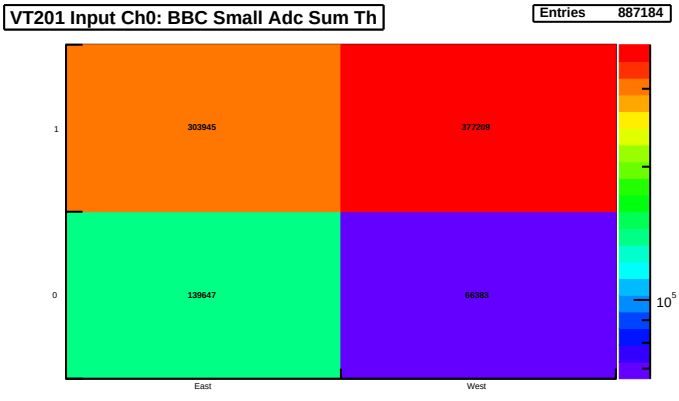

zdcWestTacVsSimu
Entries 2597
Data
Simu

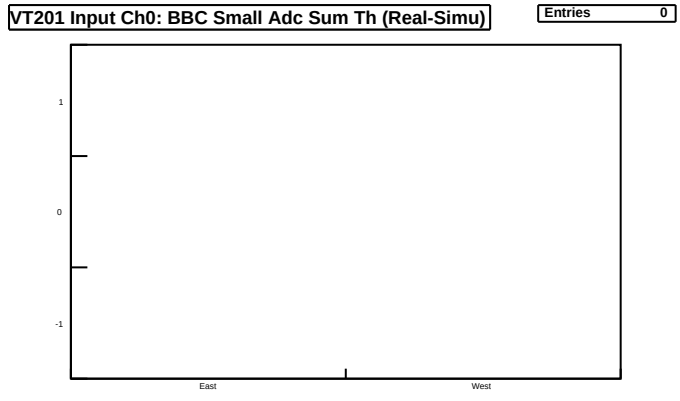

zdcAdcSum
Entries 5323104
39363
4681
19
16
8
6
94464
5892
63
48
43
37
404229
438911
443573
443576
443584
443586
349128
437700
443529
443544
443549
443555
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

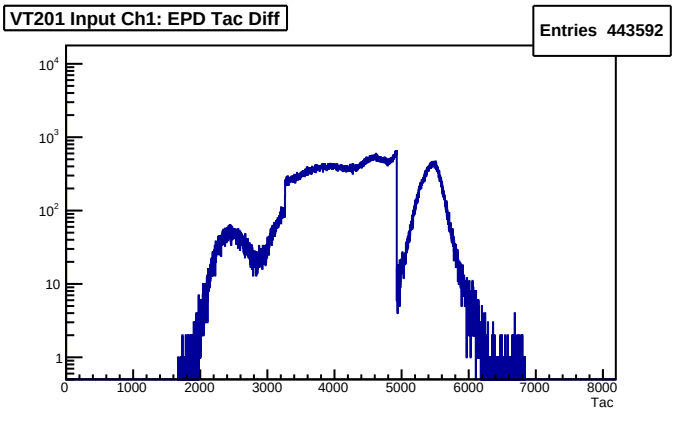

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

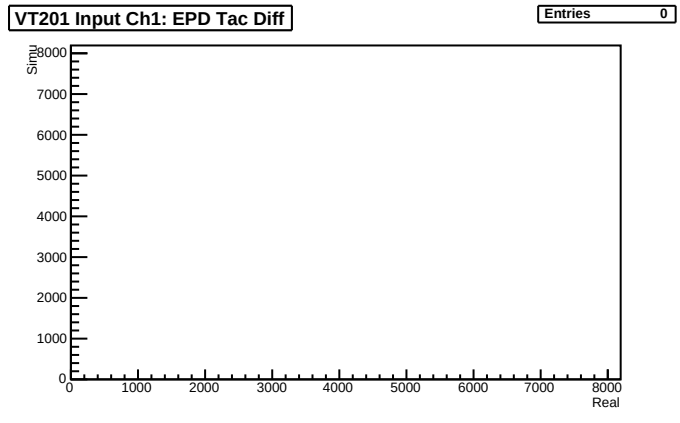

VT201 Input Ch0: BBC Small Tac Diff
Entries 443592
Tac

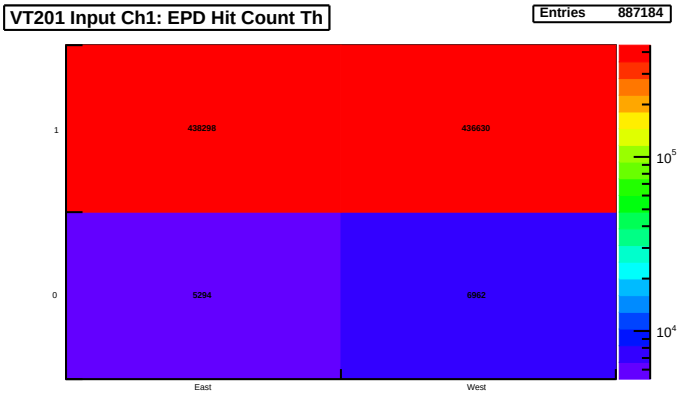

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

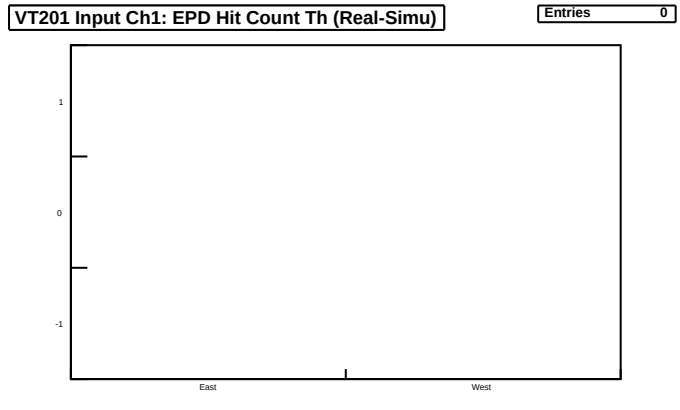

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 887184
303945
377209
139647
66383
East
West

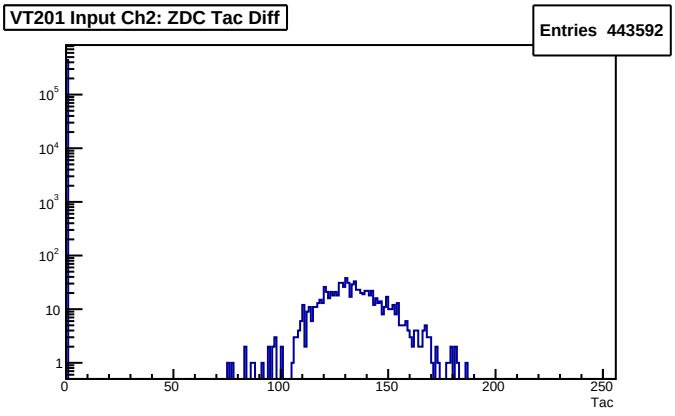

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

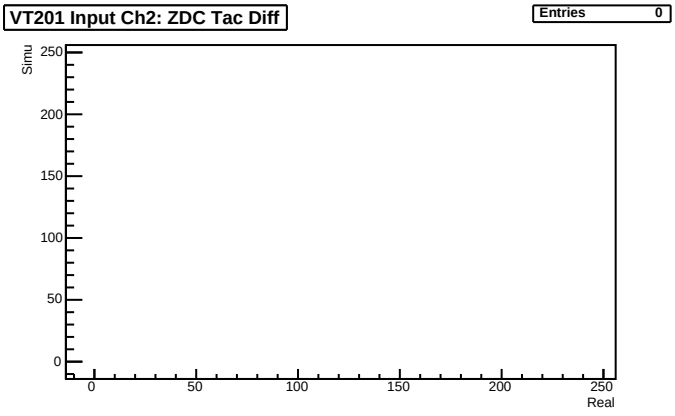

VT201 Input Ch1: EPD Tac Diff
Entries 443592
Tac

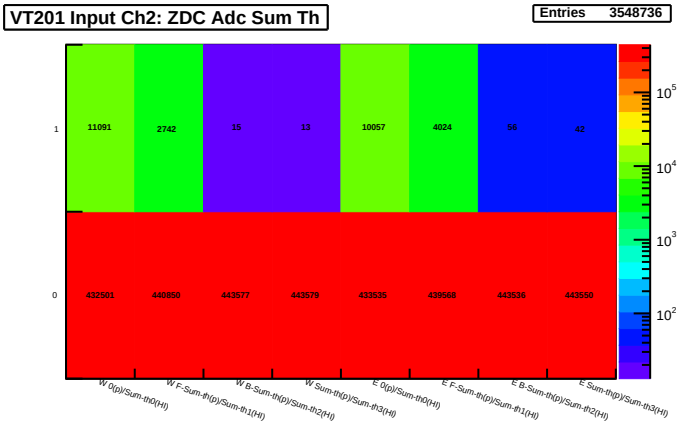

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

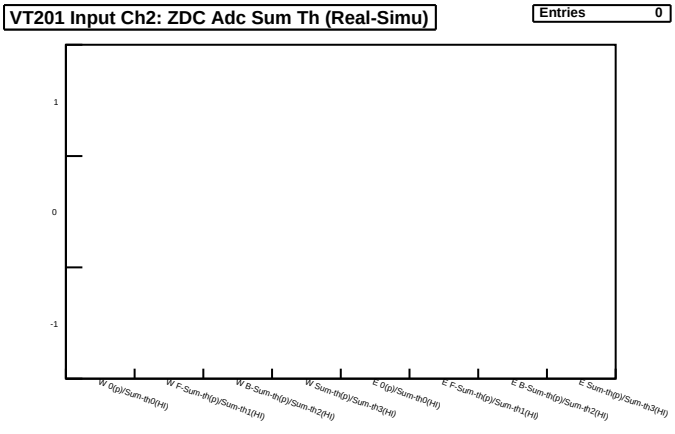

VT201 Input Ch1: EPD Hit Count Th
Entries 887184
438298
436630
5294
6962
East
West

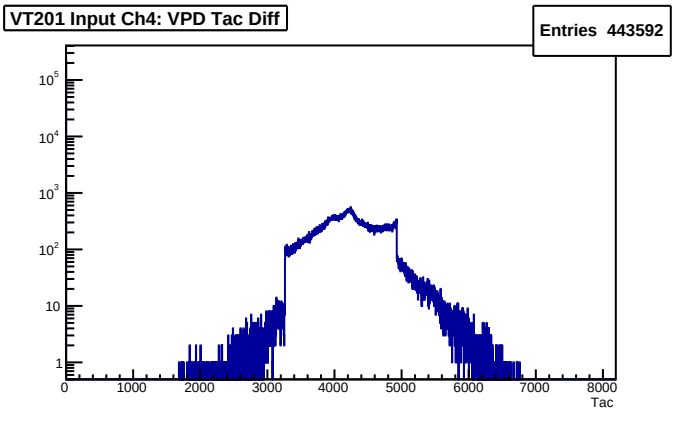

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

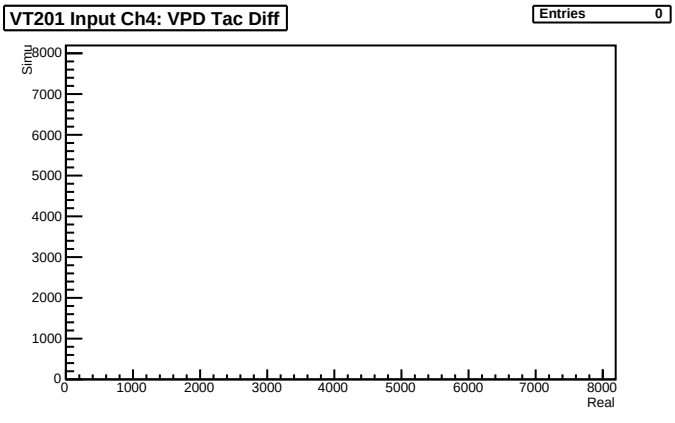

VT201 Input Ch2: ZDC Tac Diff
Entries 443592
Tac

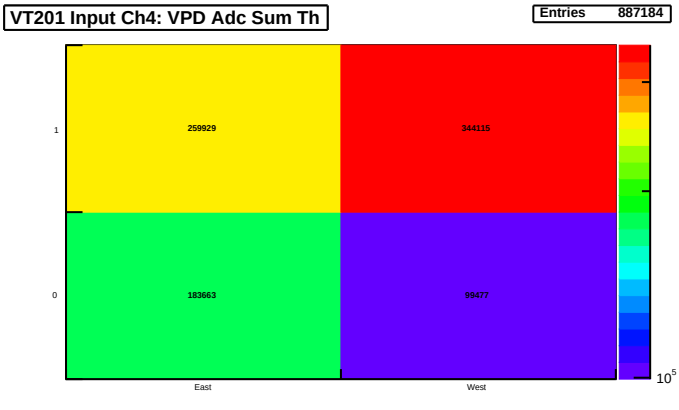

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

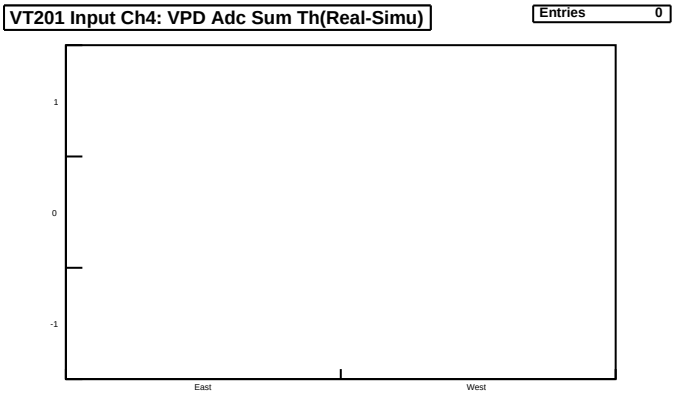

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3548736
11091
2742
15
13
10057
4024
56
42
432501
440850
443577
443579
433535
439568
443536
443550
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

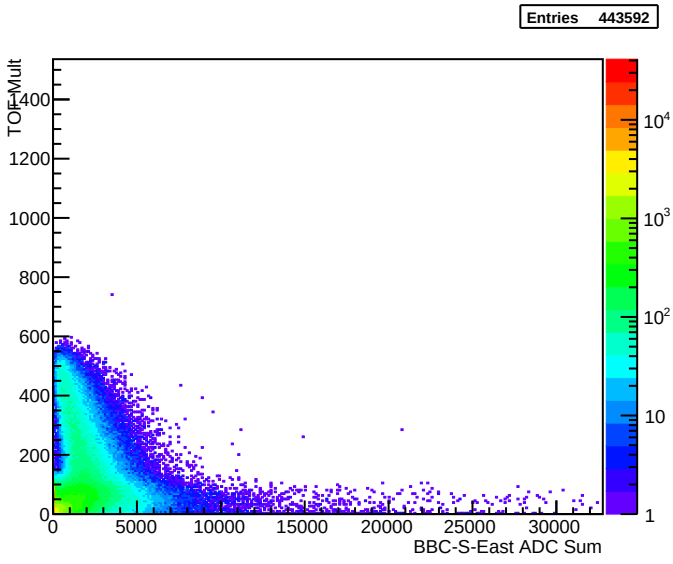

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

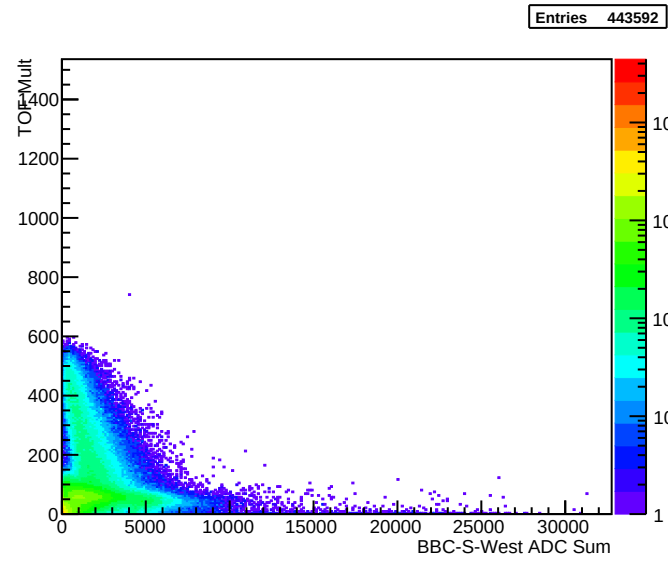

VT201 Input Ch4: VPD Tac Diff
Entries 443592
Tac

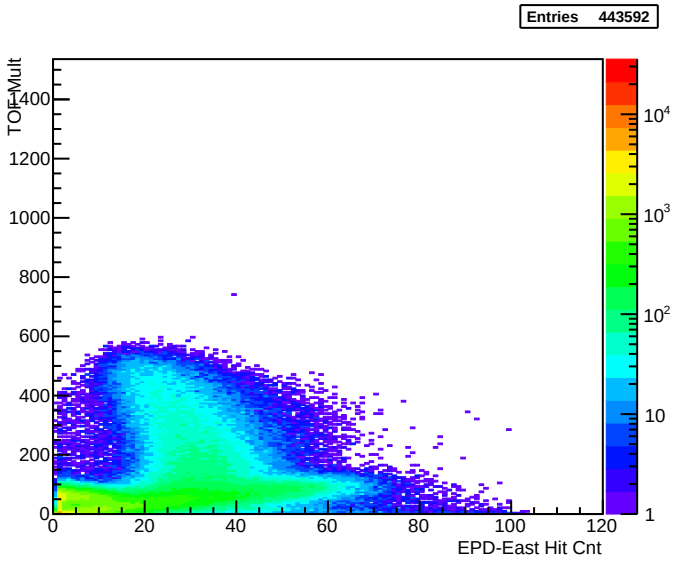

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

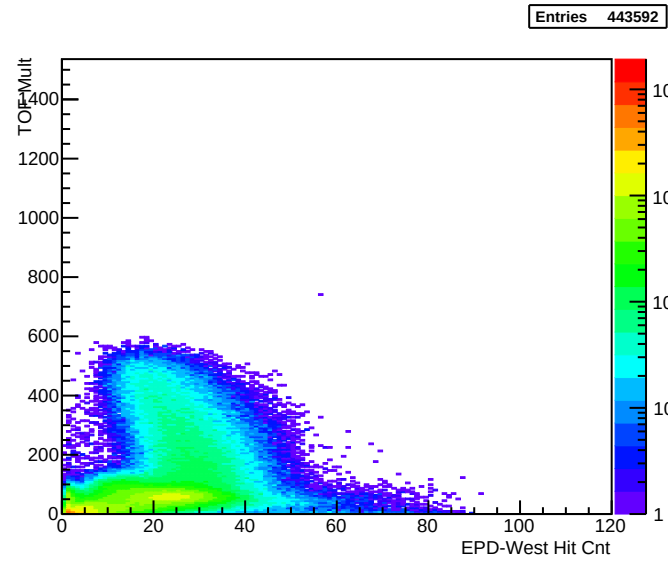

VT201 Input Ch4: VPD Adc Sum Th
Entries 887184
259929
344115
183663
99477
East
West

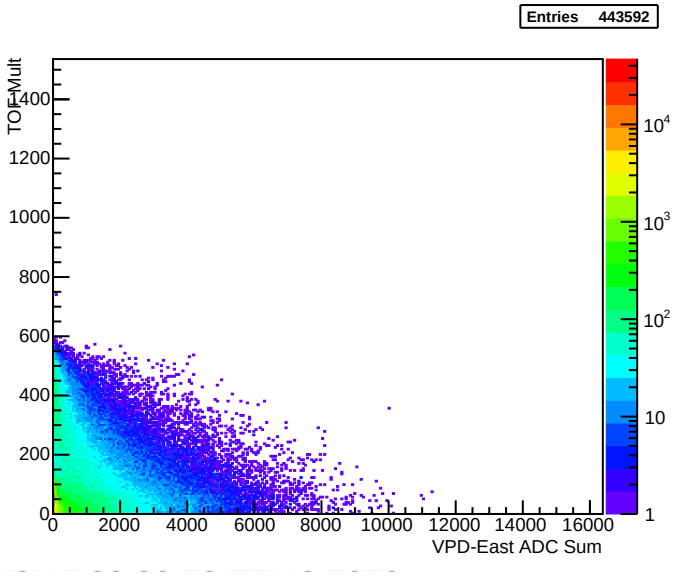

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

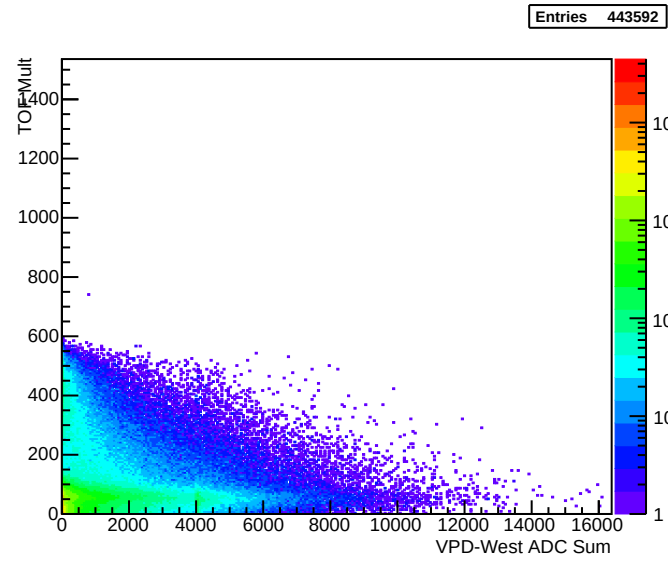

Entries 443592
TOF-Mult
BBC-S-East ADC Sum

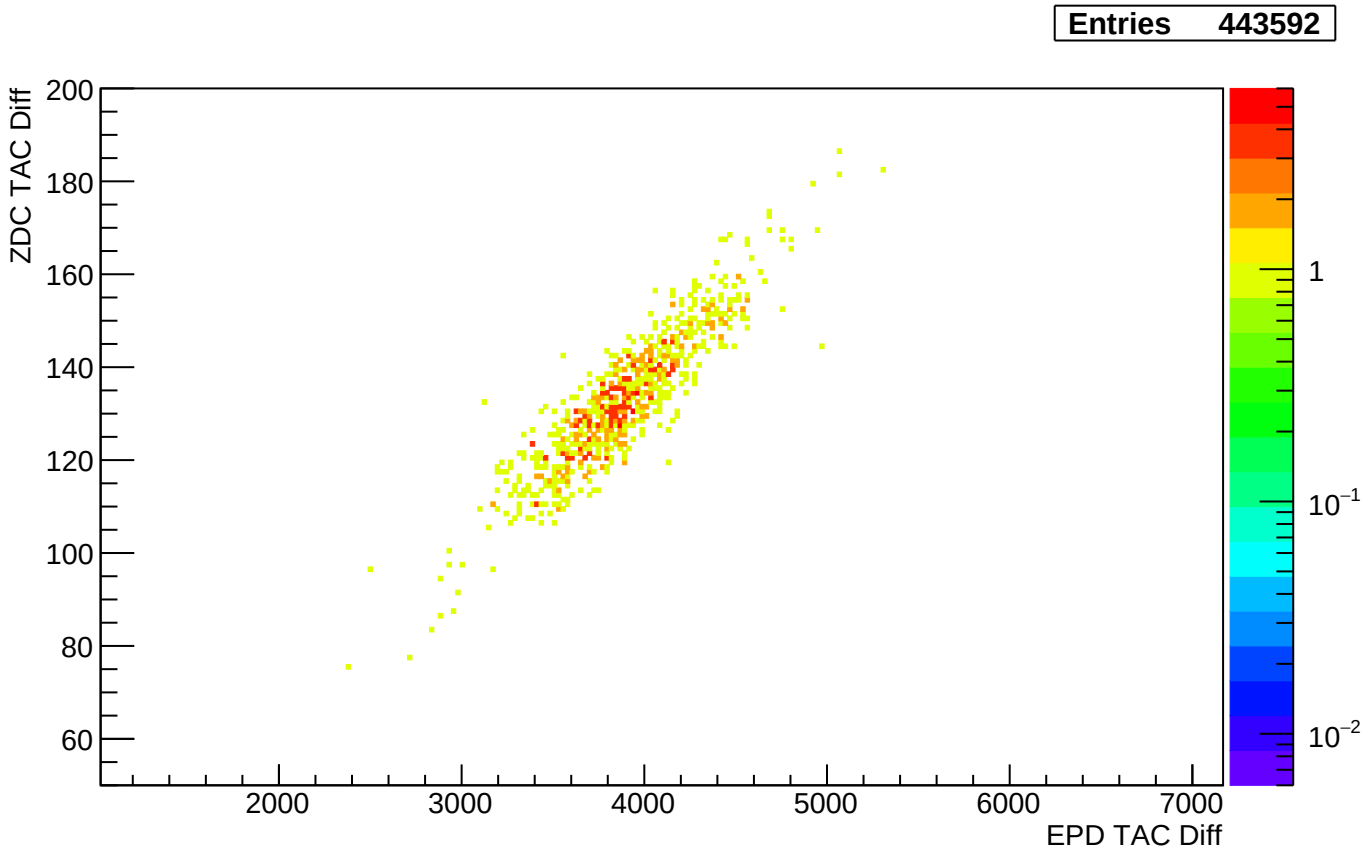

Entries 443592
TOF-Mult
BBC-S-West ADC Sum

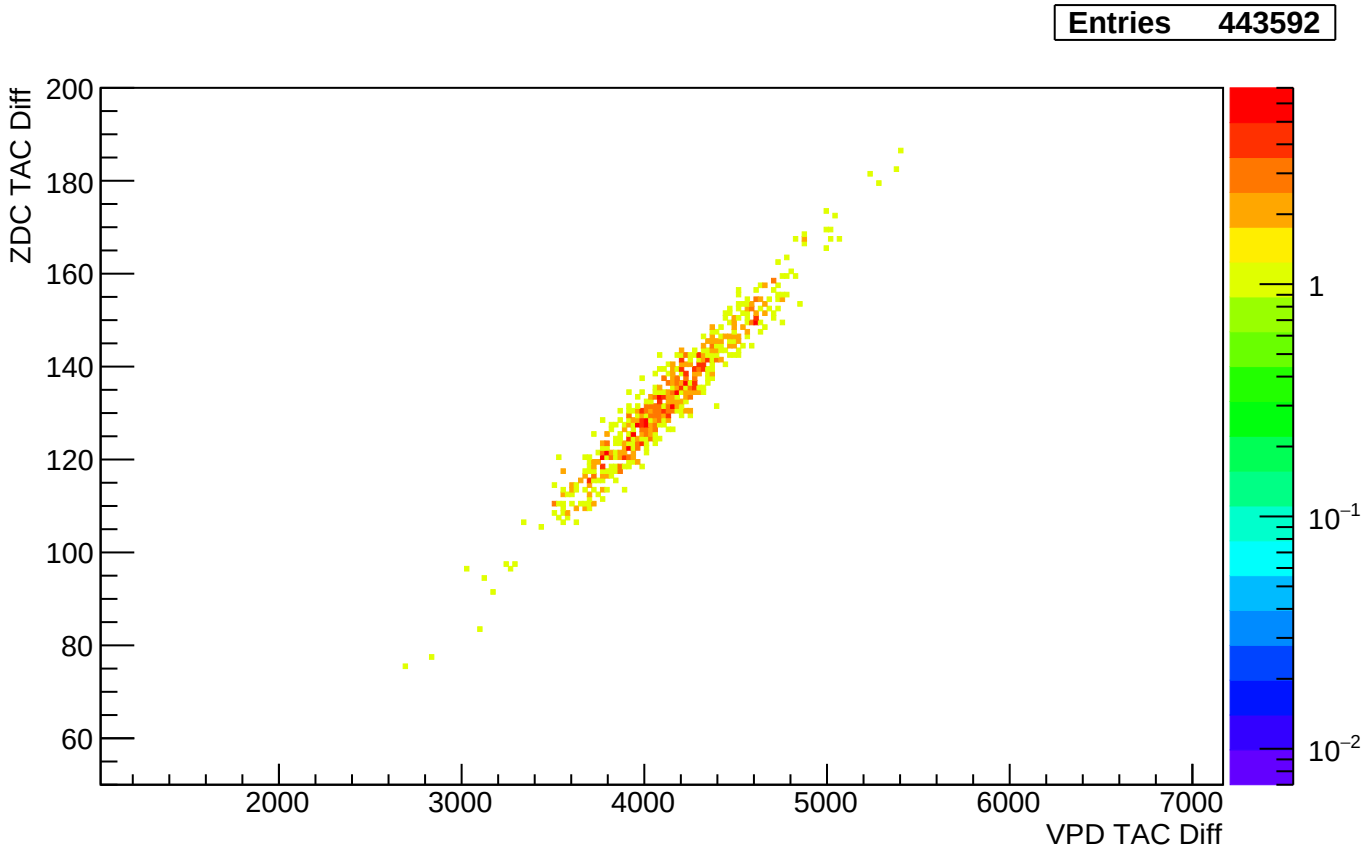

Entries 443592
TOF-Mult
EPD-East Hit Cnt

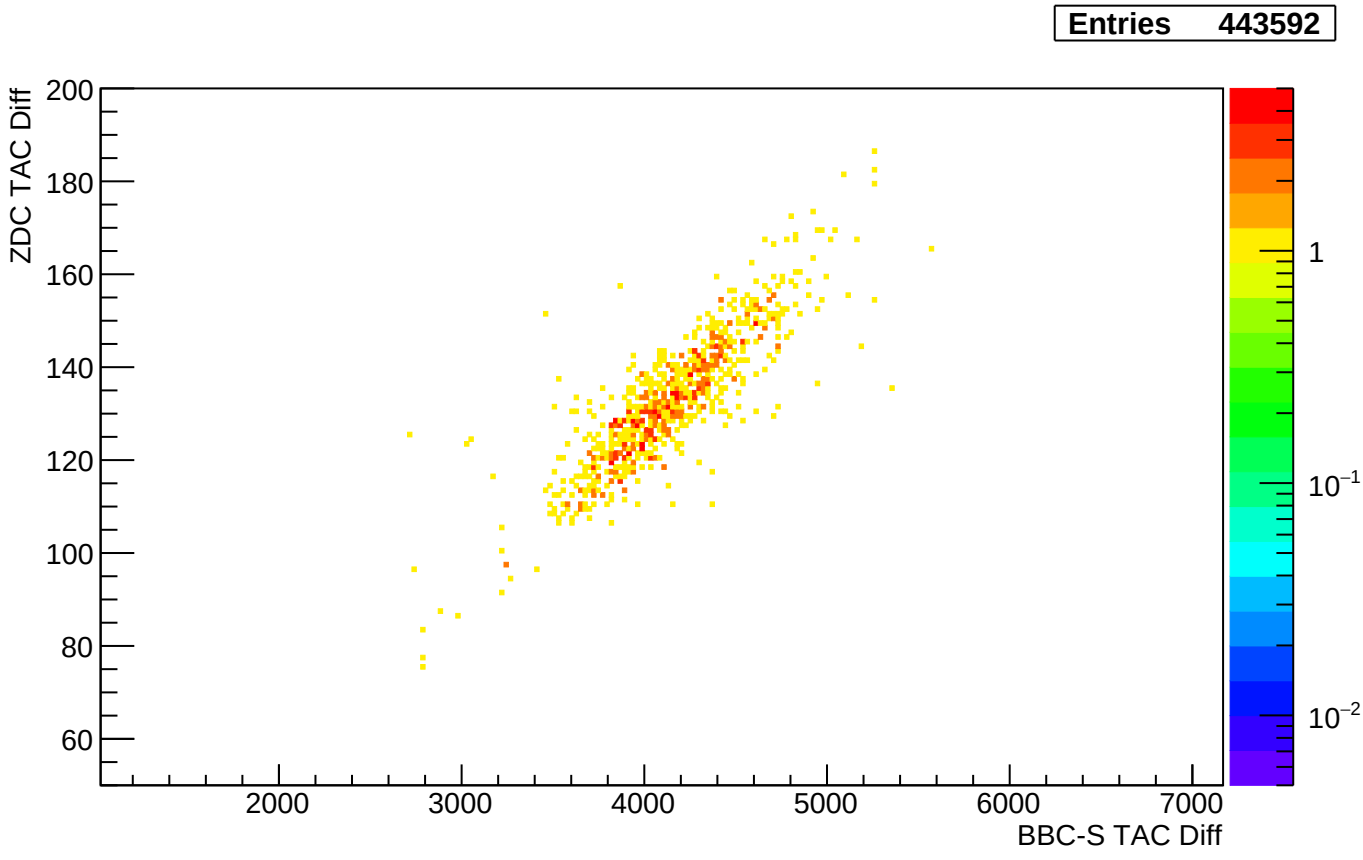

Entries 443592
TOF-Mult
EPD-West Hit Cnt

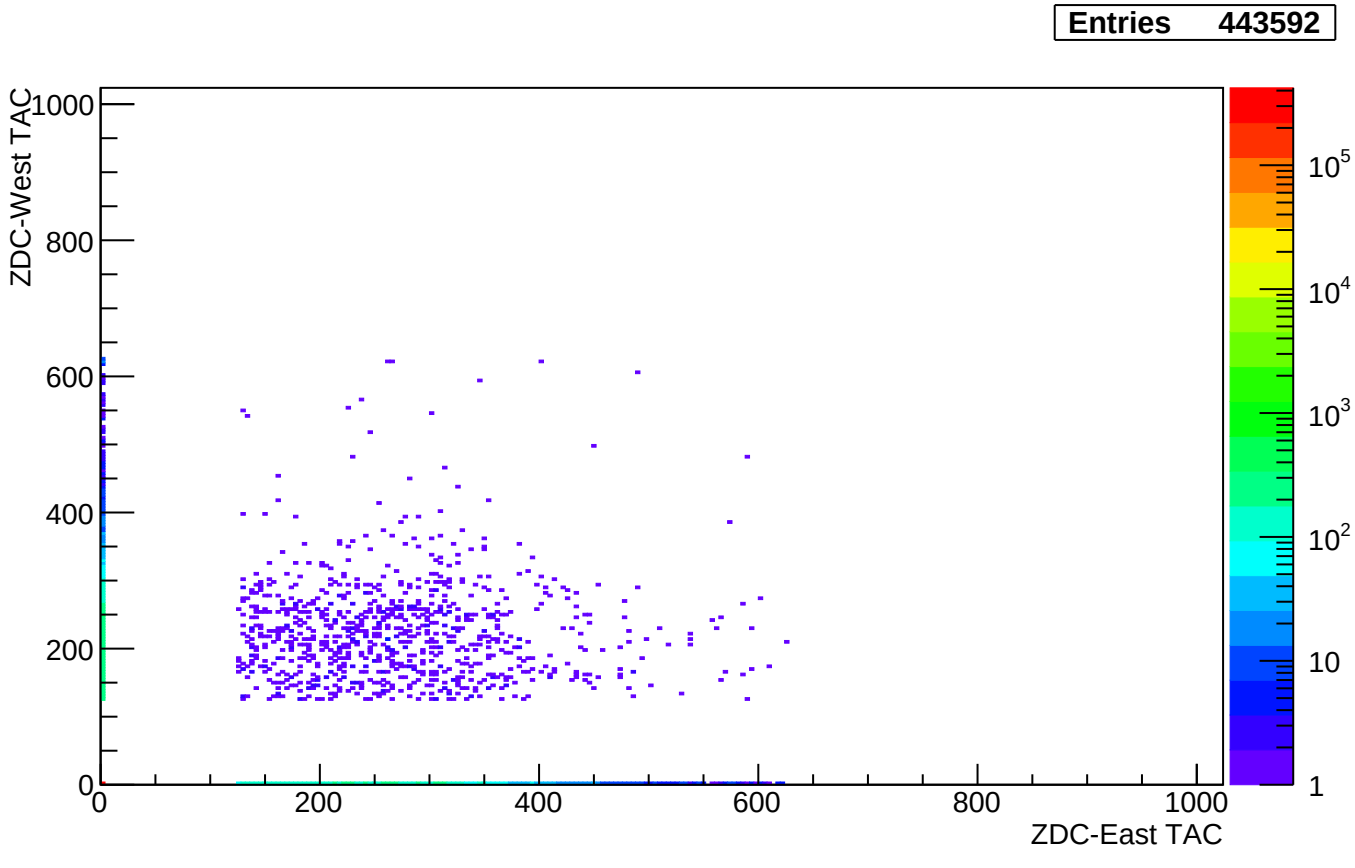

Entries 443592
TOF-Mult
VPD-East ADC Sum

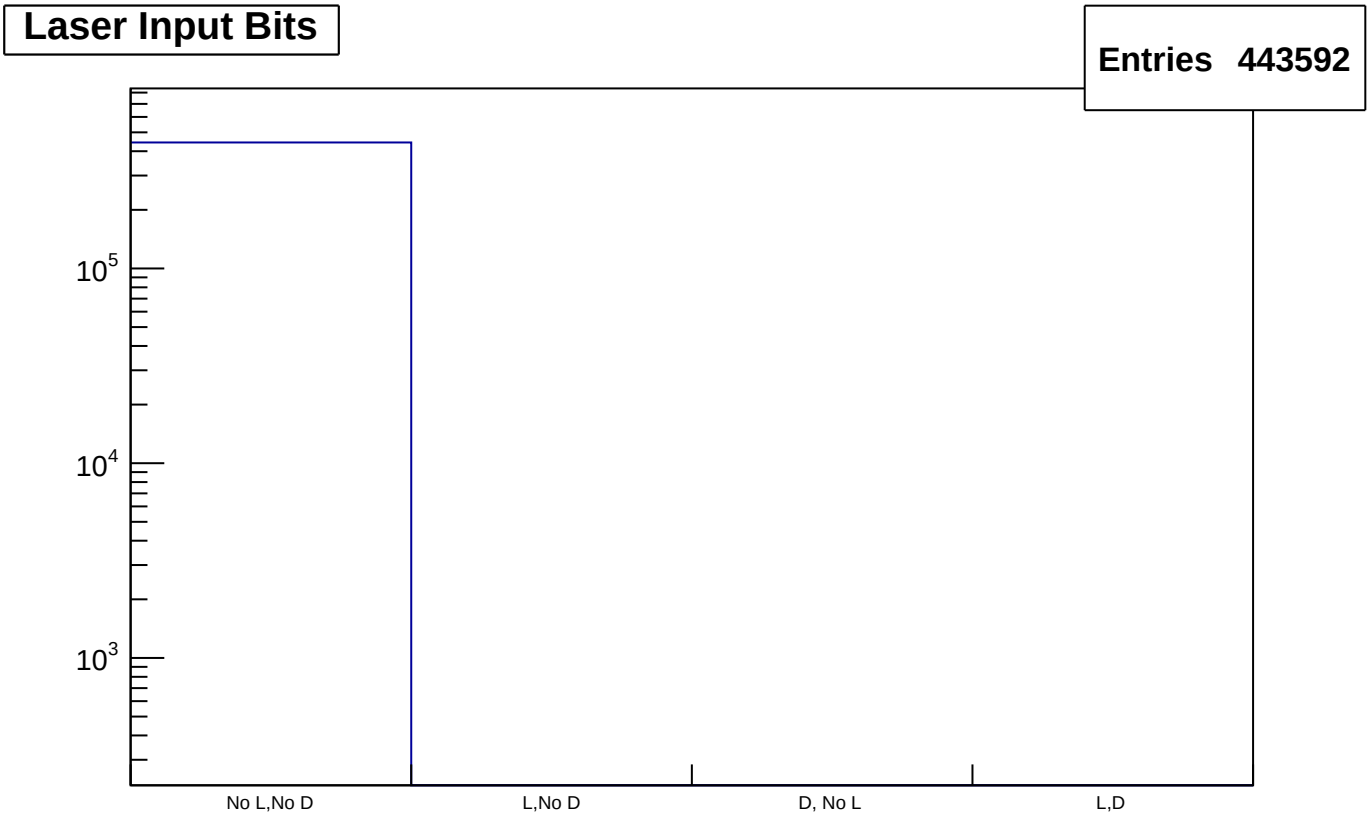

Entries 443592
TOF-Mult
VPD-West ADC Sum

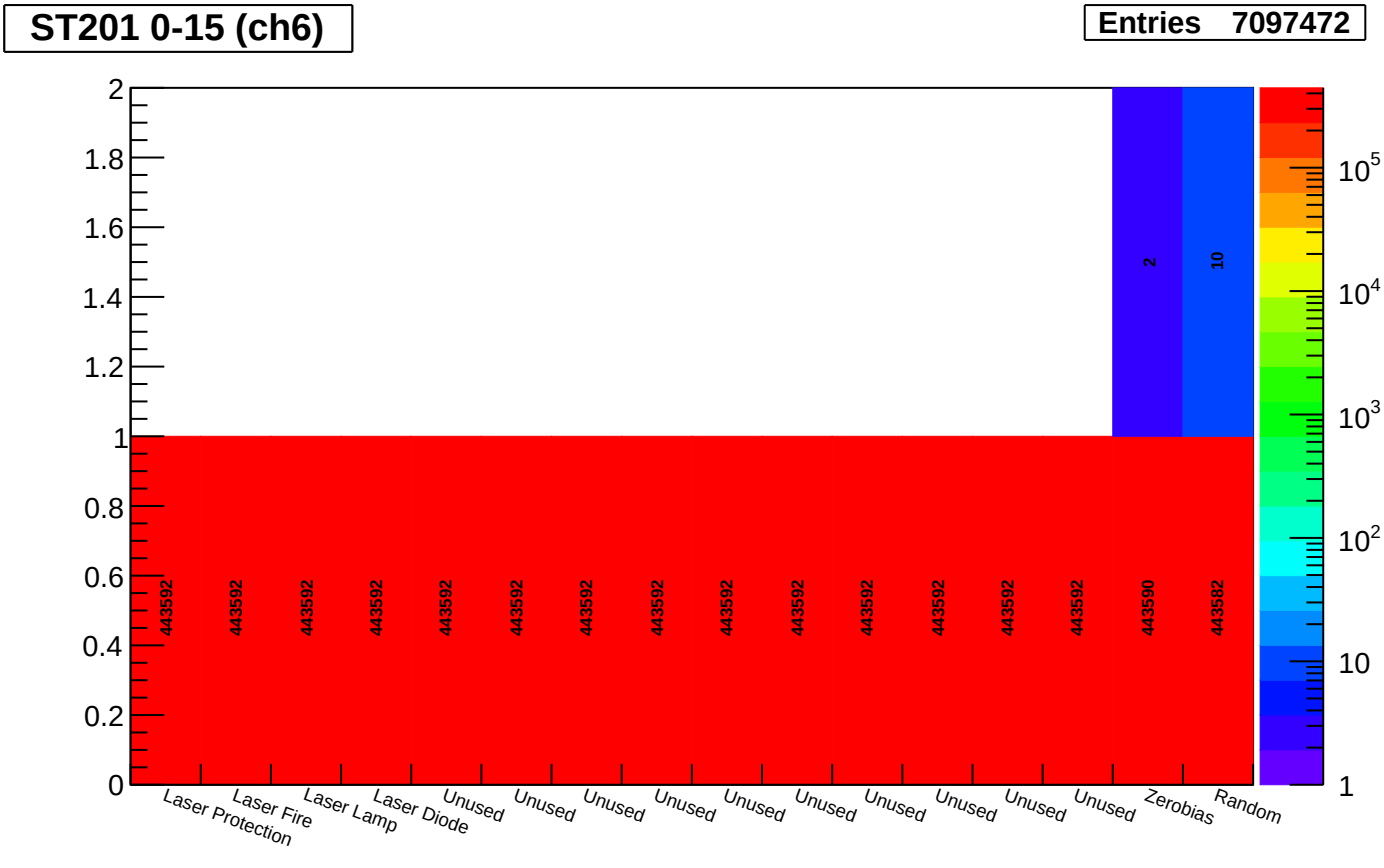

Entries 443592
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

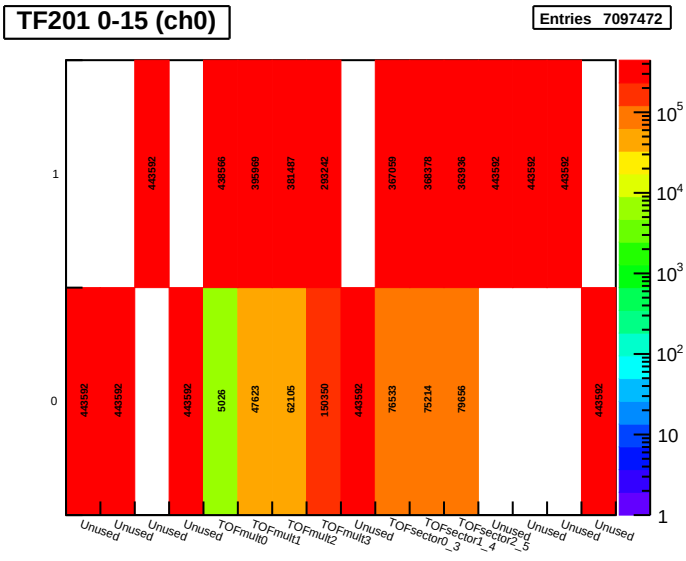

Entries 443592
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

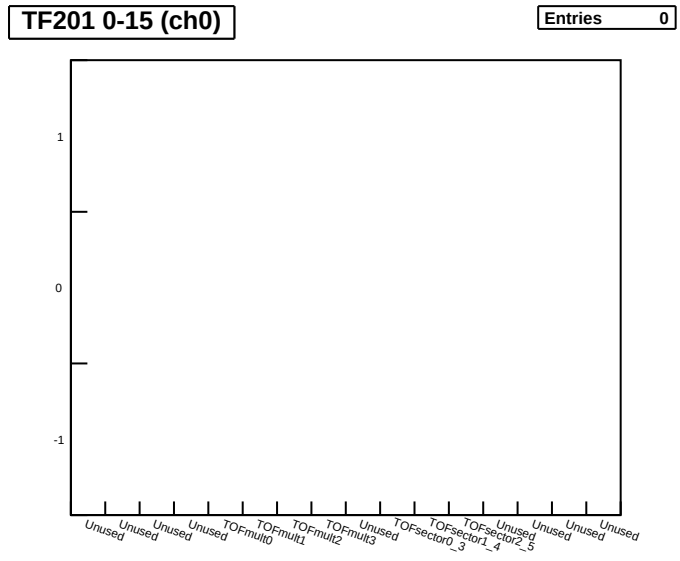

Entries 443592
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

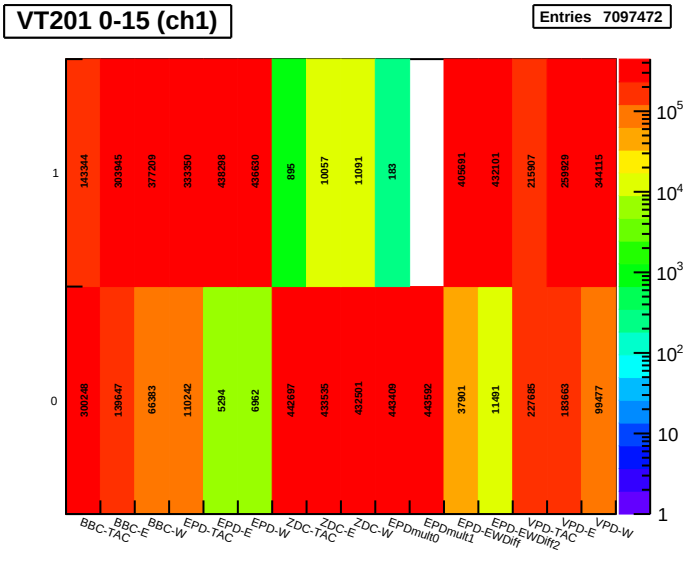

Entries 443592
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

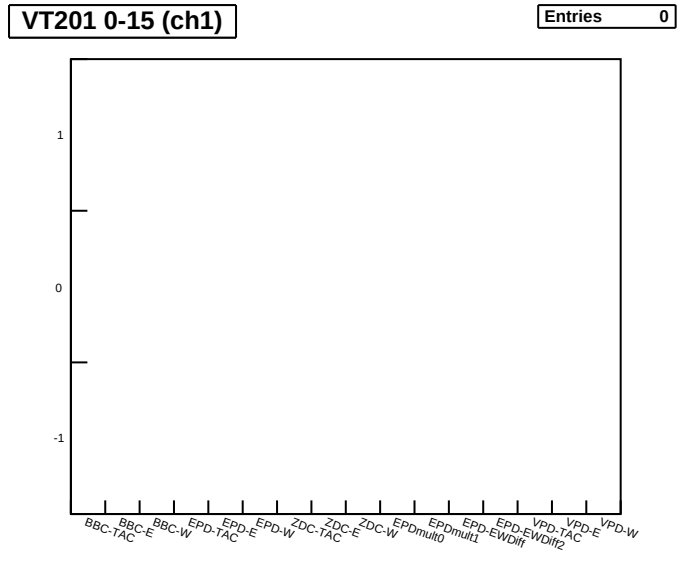

Laser Input Bits
Entries 443592
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

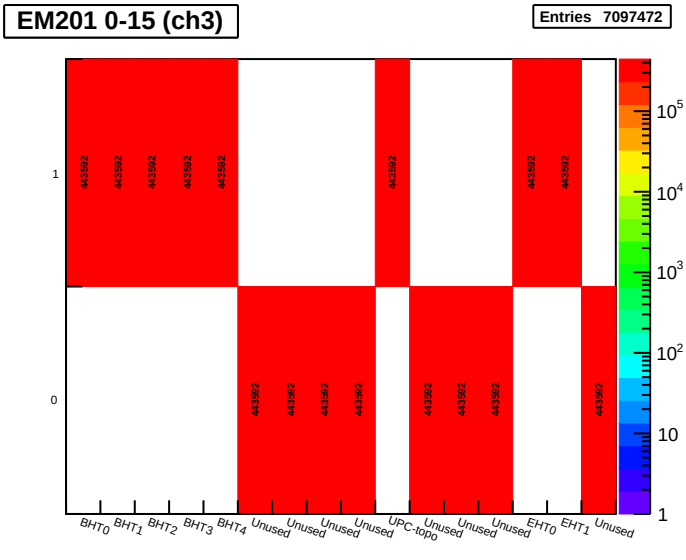

ST201 0-15 (ch6)
Entries 7097472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443590
443582
2
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

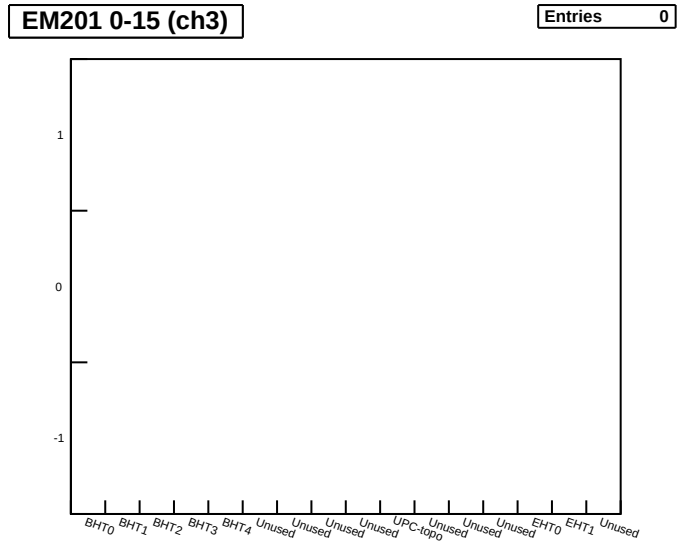

TF201 0-15 (ch0)
Entries 7097472
1
0
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
5026
47623
62105
150350
76533
75214
79656
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7097472
1
0
143344
303945
377209
333350
438238
436630
895
10057
11091
183
405691
432101
215907
259929
344115
300248
139647
66383
110242
5294
6962
442697
433535
432501
443409
443592
37901
11491
227685
183663
99477
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 7097472
1
0
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
443592
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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