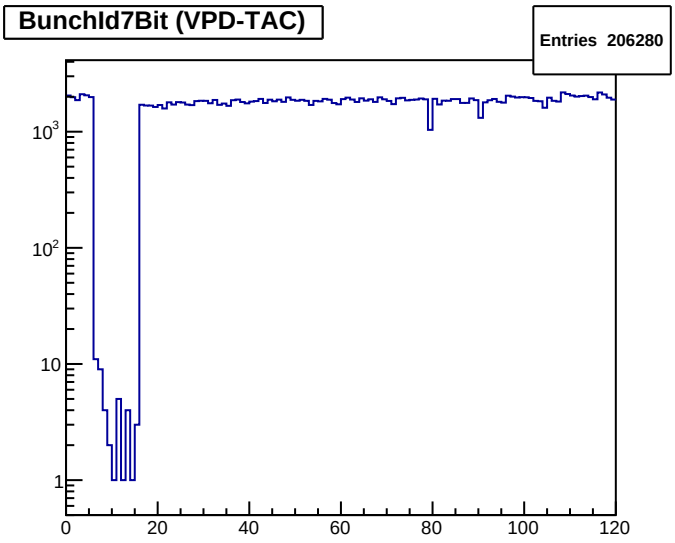
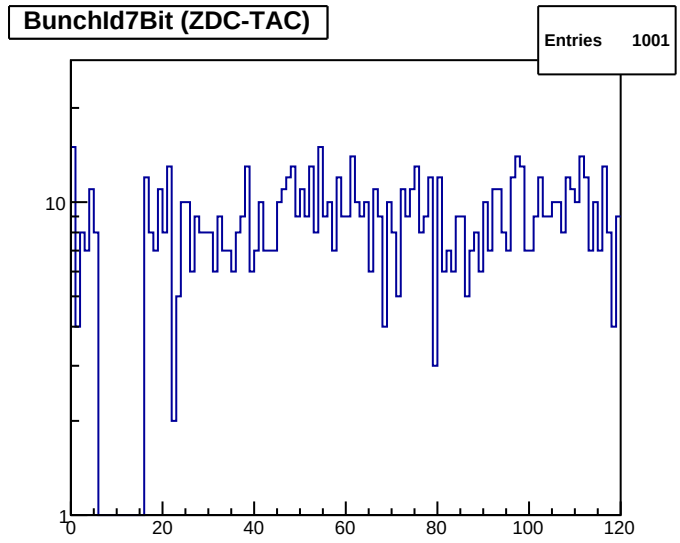
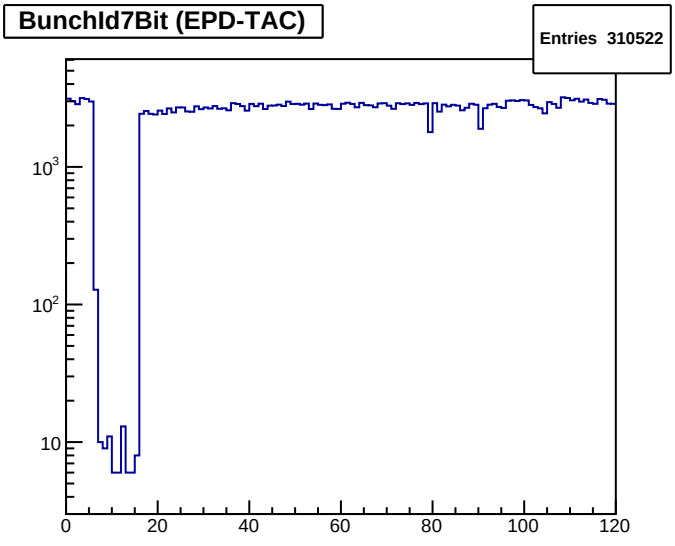
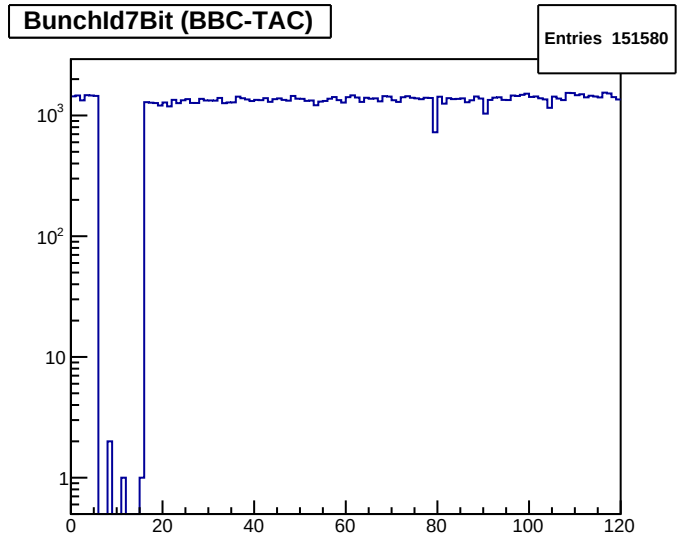
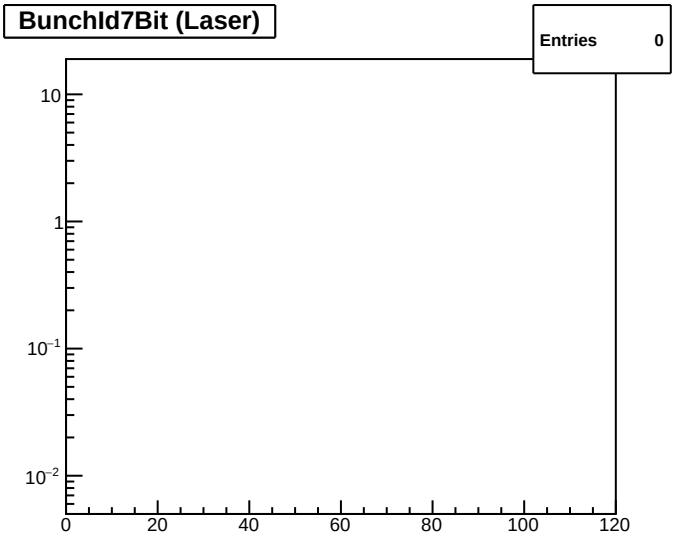
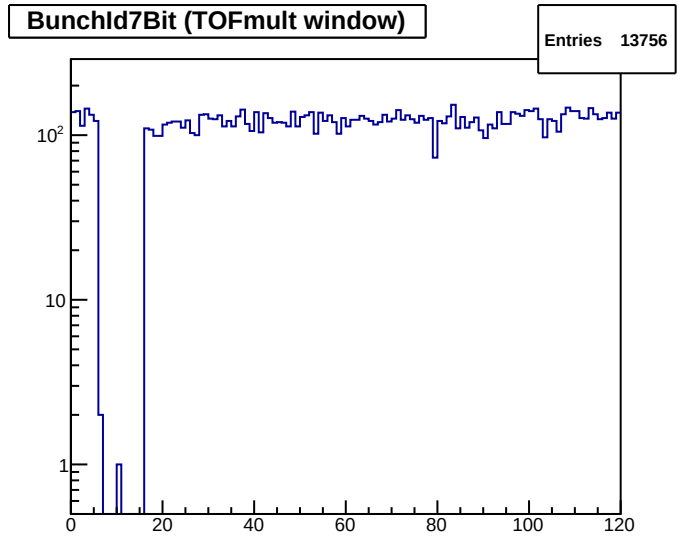

BunchId7Bit (VPD-TAC)
Entries 206280

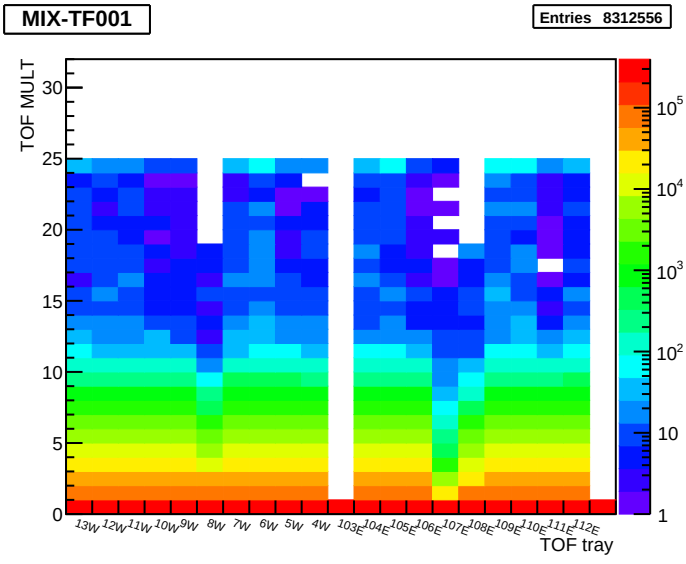

BunchId7Bit (ZDC-TAC)
Entries 1001

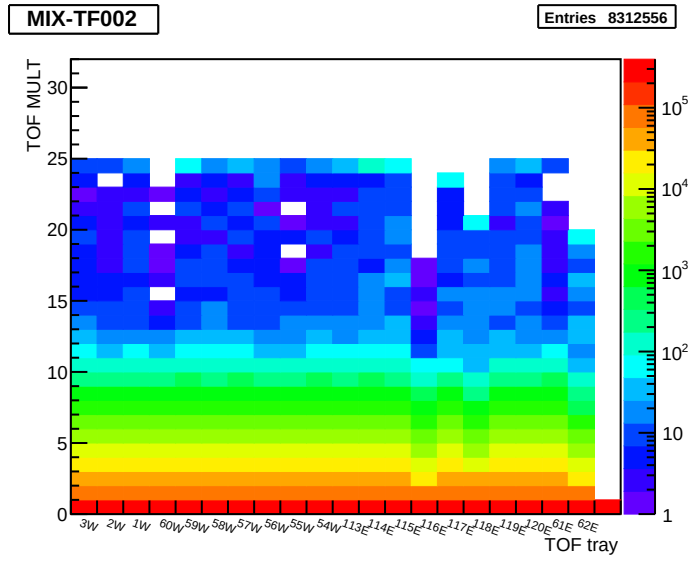

BunchId7Bit (EPD-TAC)
Entries 310522

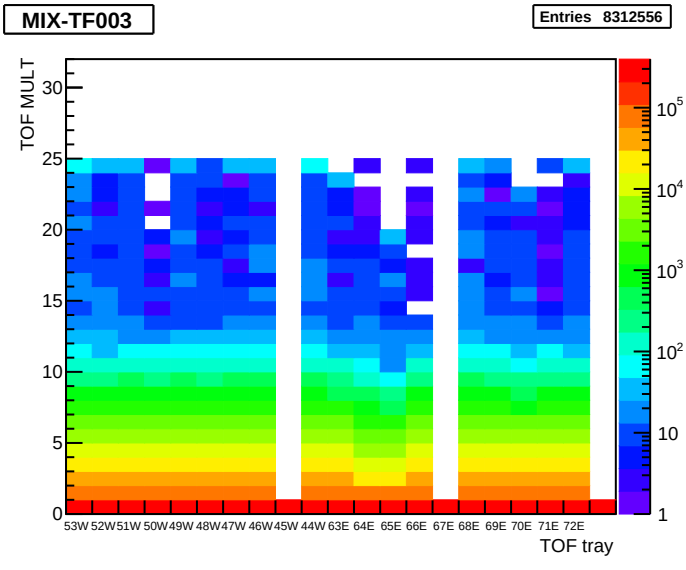

BunchId7Bit (BBC-TAC)
Entries 151580

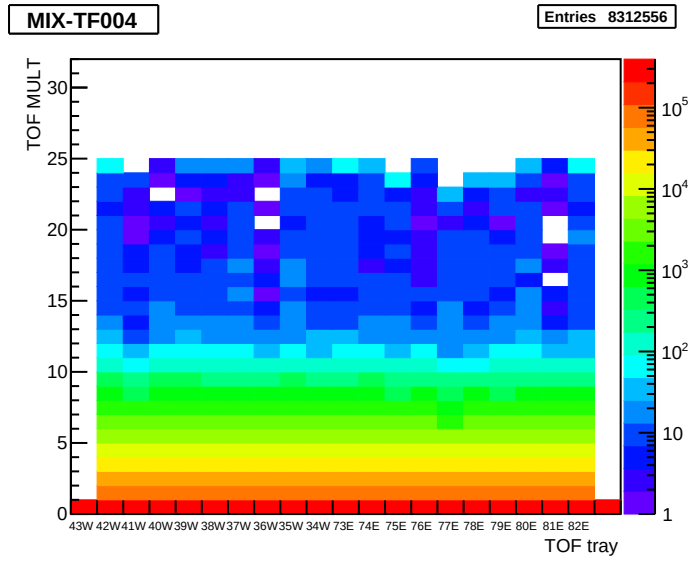

BunchId7Bit (Laser)
Entries 0

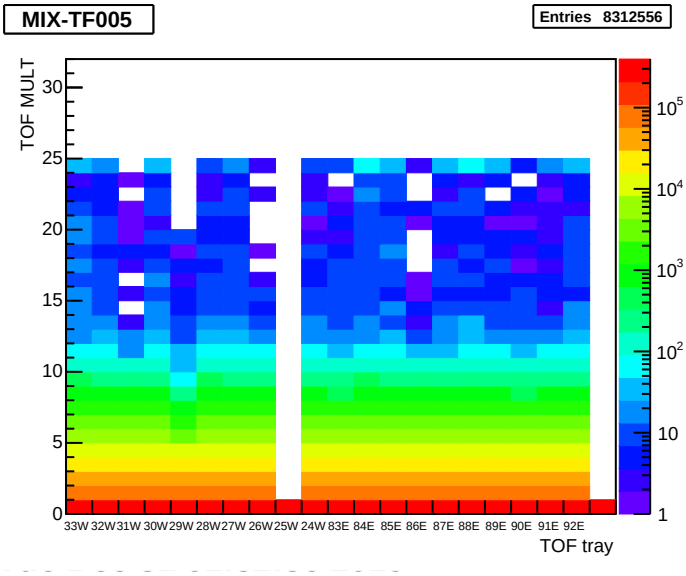

BunchId7Bit (TOFmult window)
Entries 13756

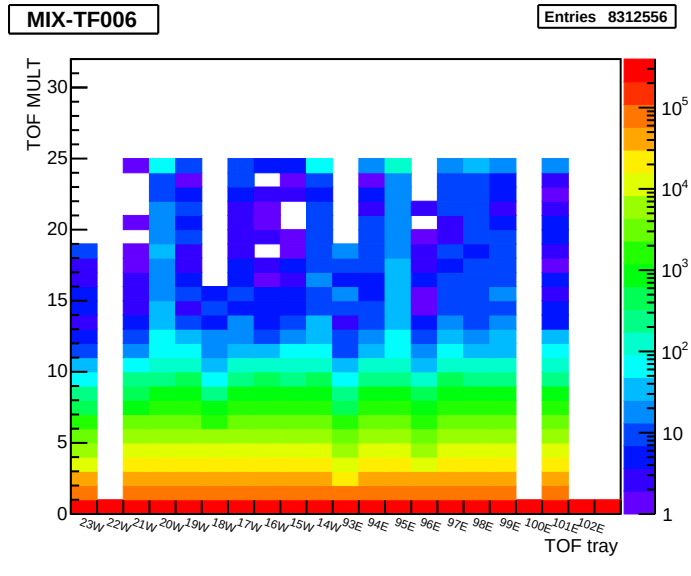

MIX-TF001
Entries 8312556
TOF MULT
TOF tray

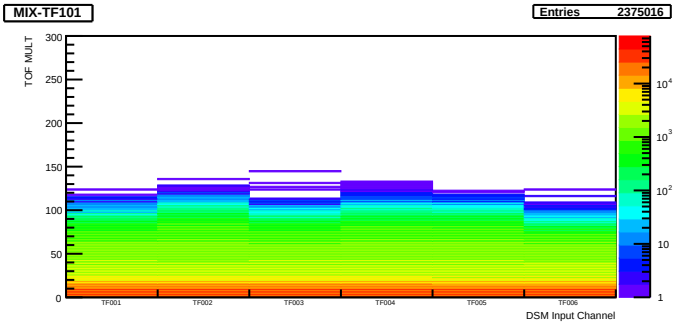

MIX-TF002
Entries 8312556
TOF MULT
TOF tray

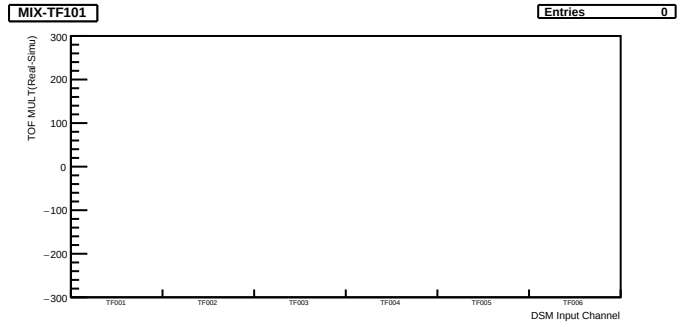

MIX-TF003
Entries 8312556
TOF MULT
TOF tray

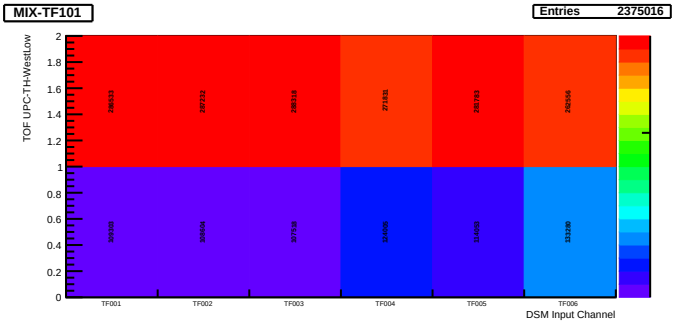

MIX-TF004
Entries 8312556
TOF MULT
TOF tray

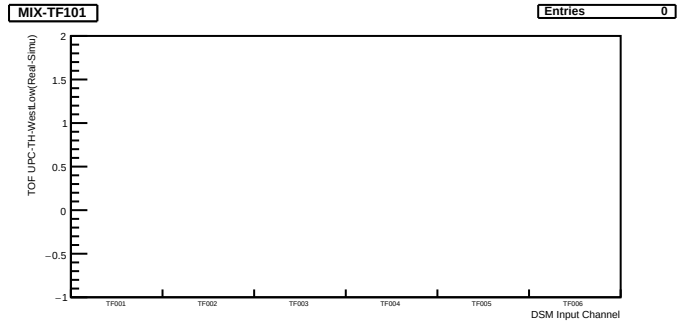

MIX-TF005
Entries 8312556
TOF MULT
TOF tray

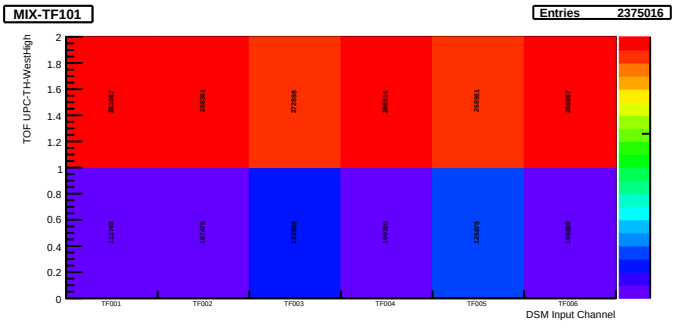

MIX-TF006
Entries 8312556
TOF MULT
TOF tray

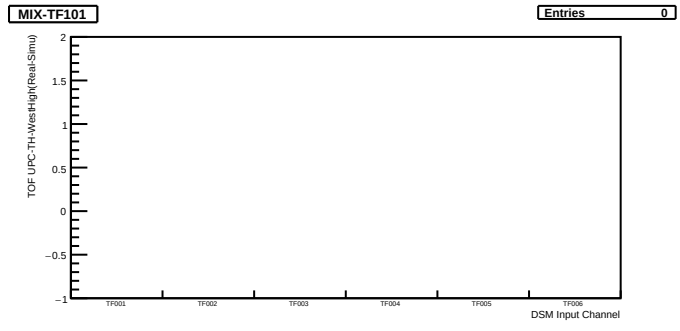

MIX-TF101
Entries 2375016
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

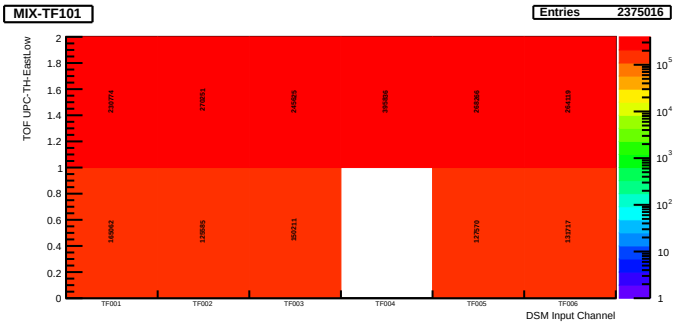

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

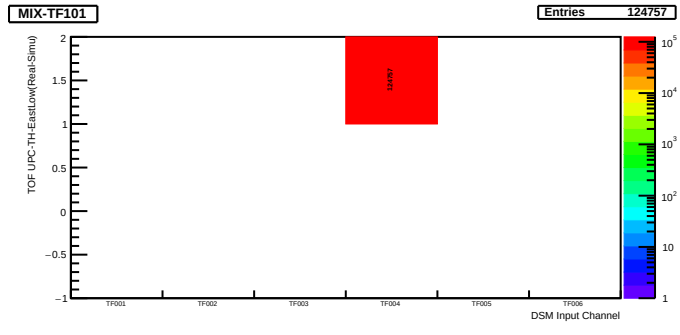

MIX-TF101
Entries 2375016
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

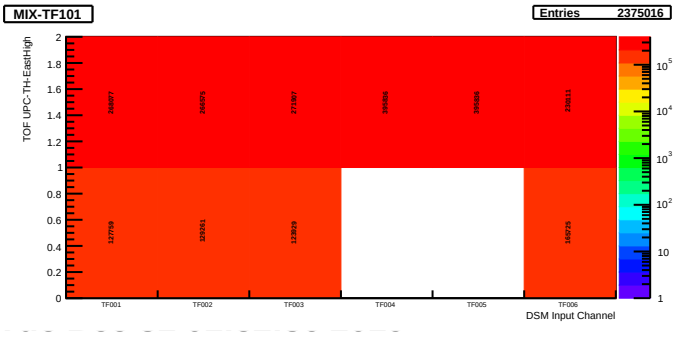

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

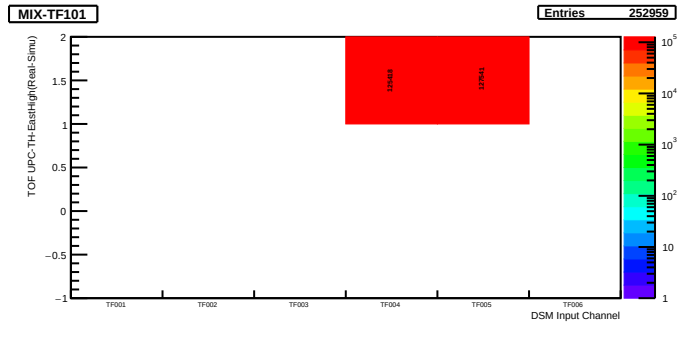

MIX-TF101
Entries 2375016
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

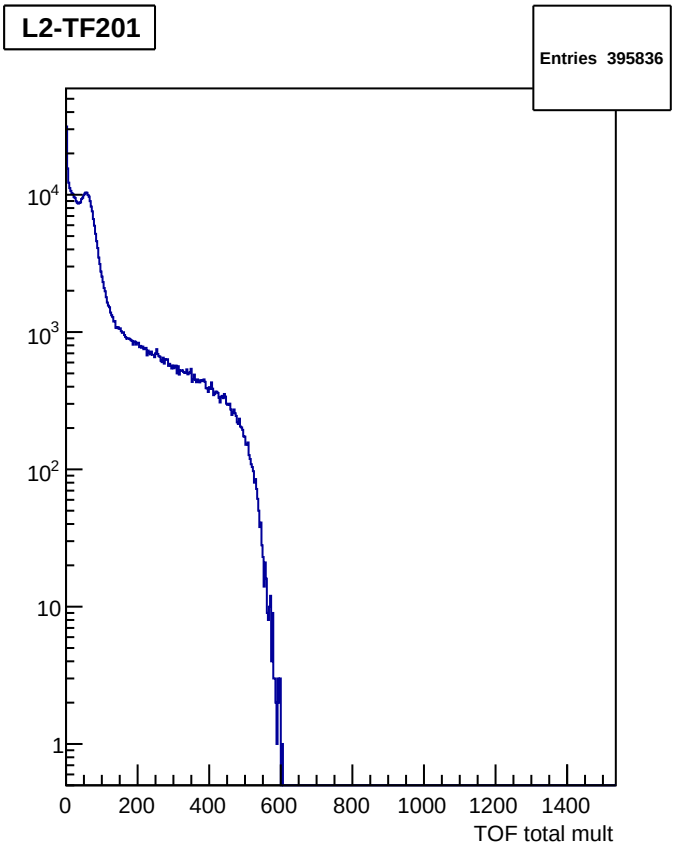

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

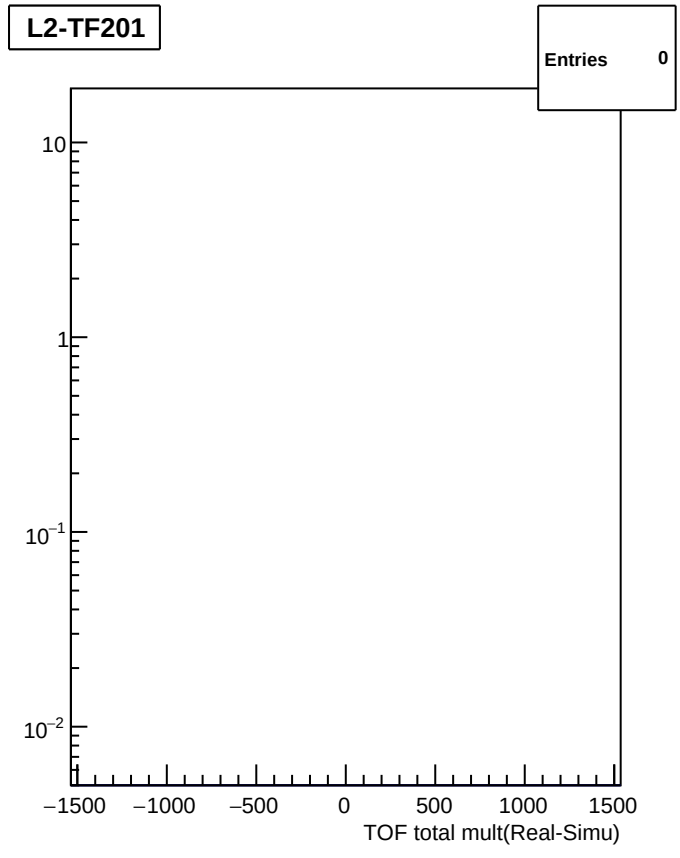

MIX-TF101
Entries 2375016
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

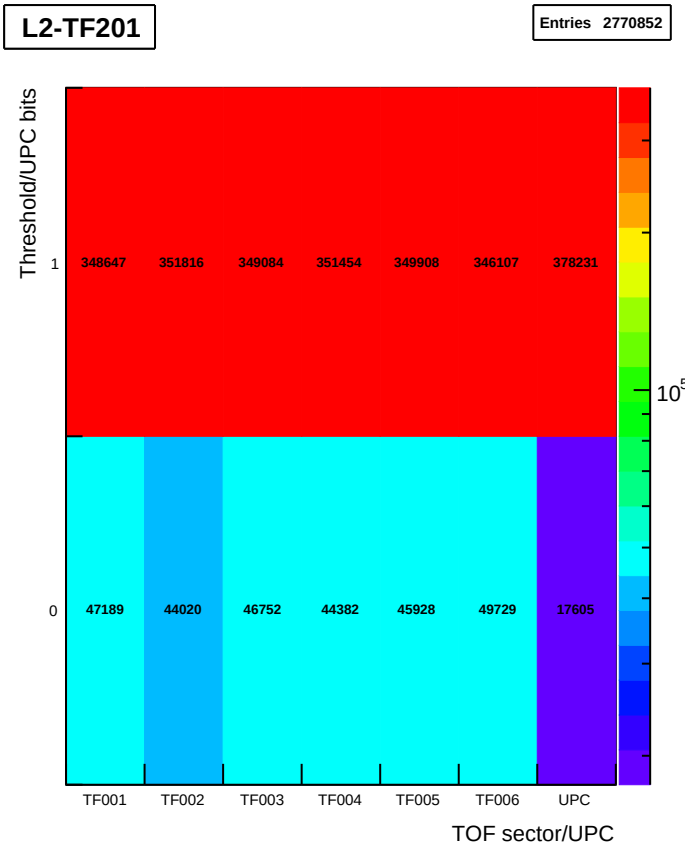

MIX-TF101
Entries 124757
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

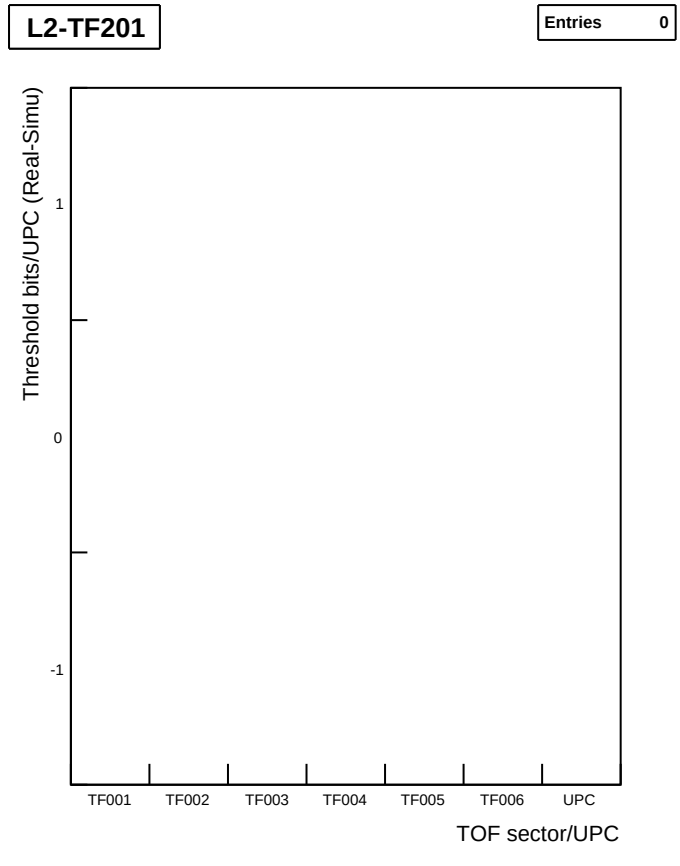

MIX-TF101
Entries 2375016
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

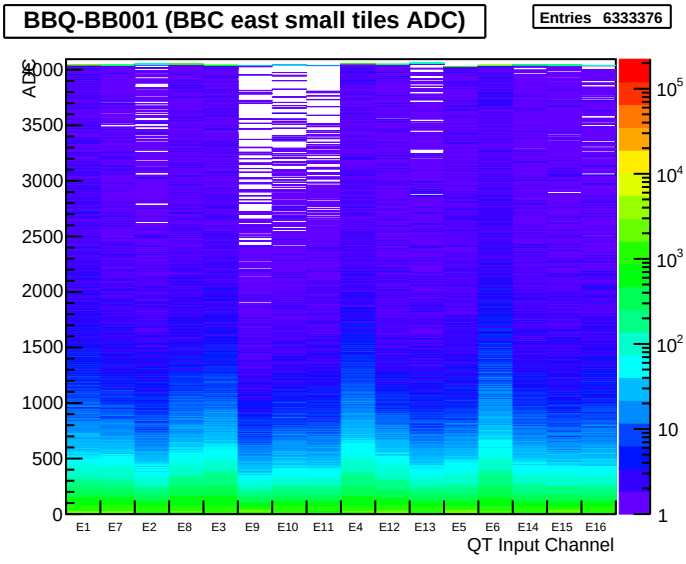

MIX-TF101
Entries 252959
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

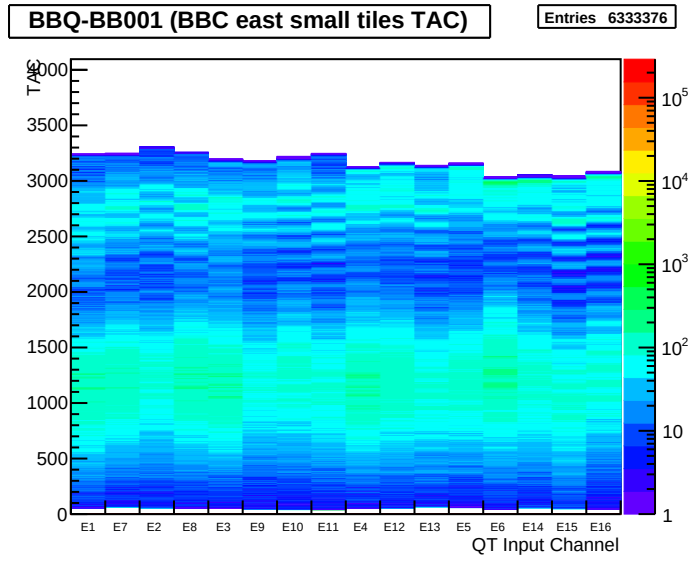

L2-TF201
Entries 395836
TOF total mult

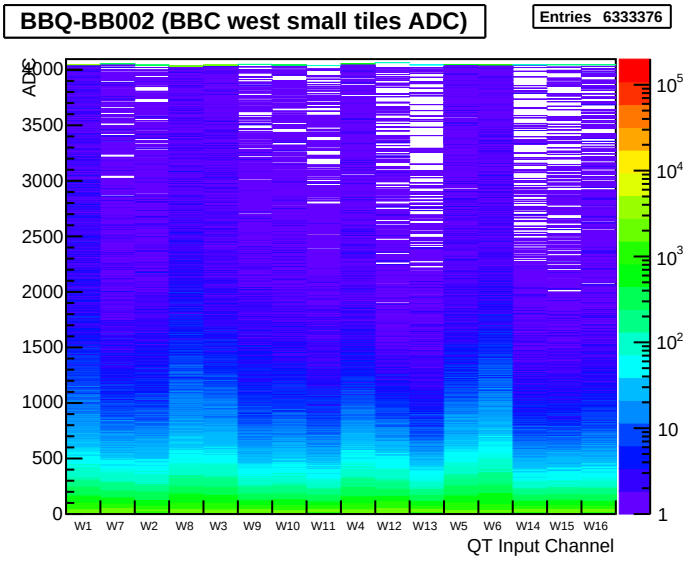

L2-TF201
Entries 0
TOF total mult(Real-Simu)

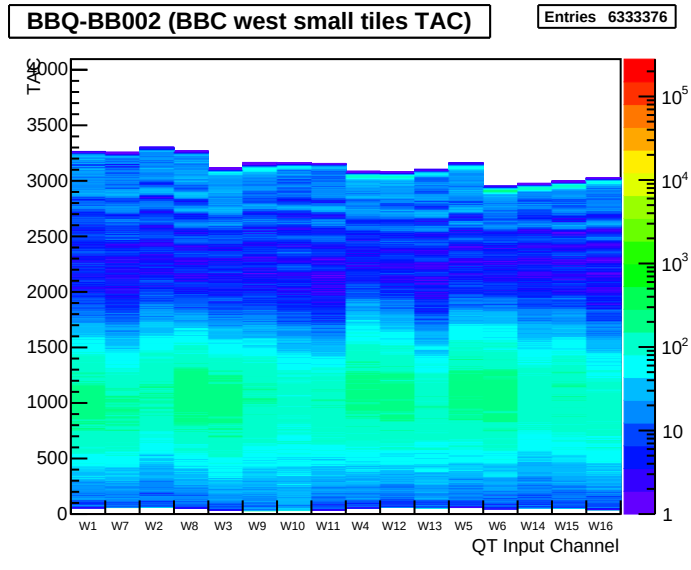

L2-TF201
Entries 2770852
Threshold/UPC bits
348647
351816
349084
351454
349908
346107
378231
47189
44020
46752
44382
45928
49729
17605
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

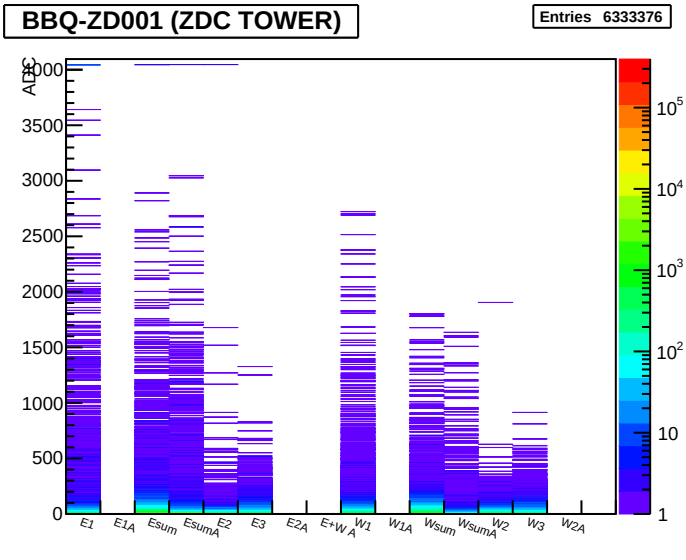

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

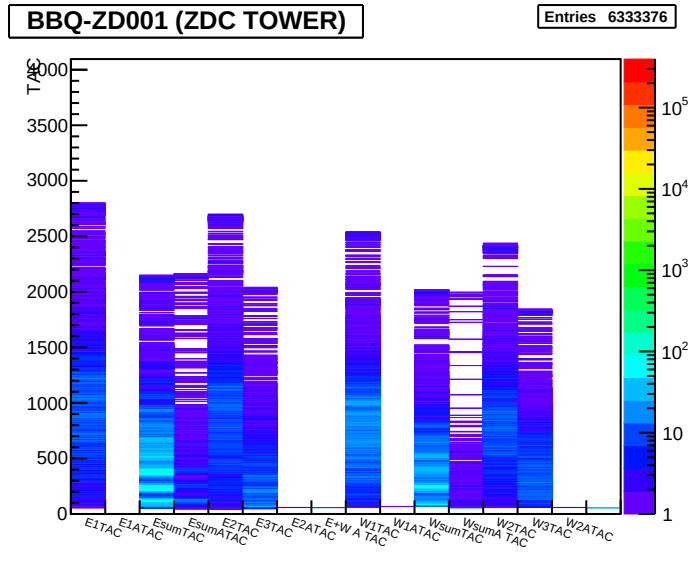

BBQ-BB001 (BBC east small tiles ADC)
Entries 6333376
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

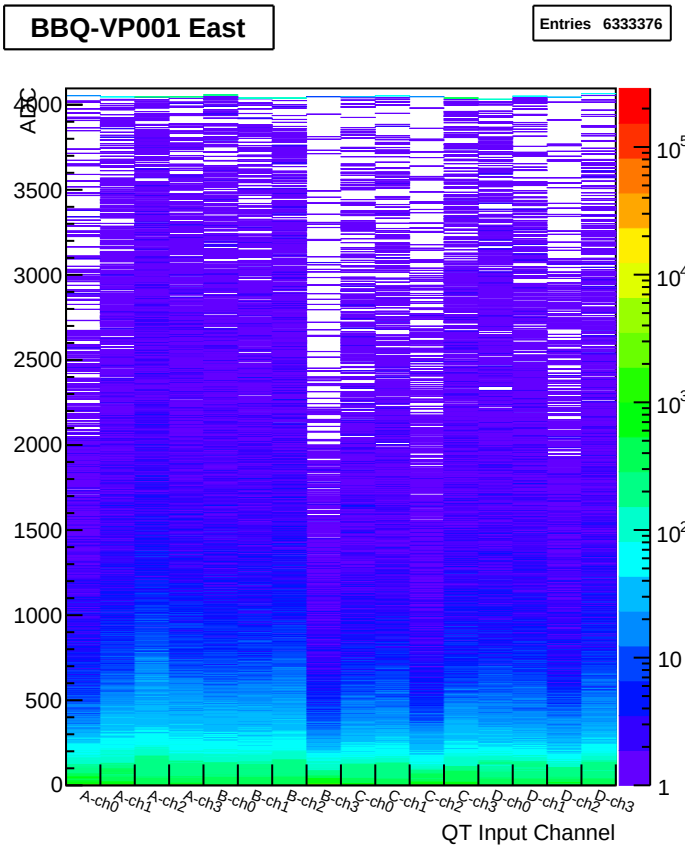

BBQ-BB001 (BBC east small tiles TAC)
Entries 6333376
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

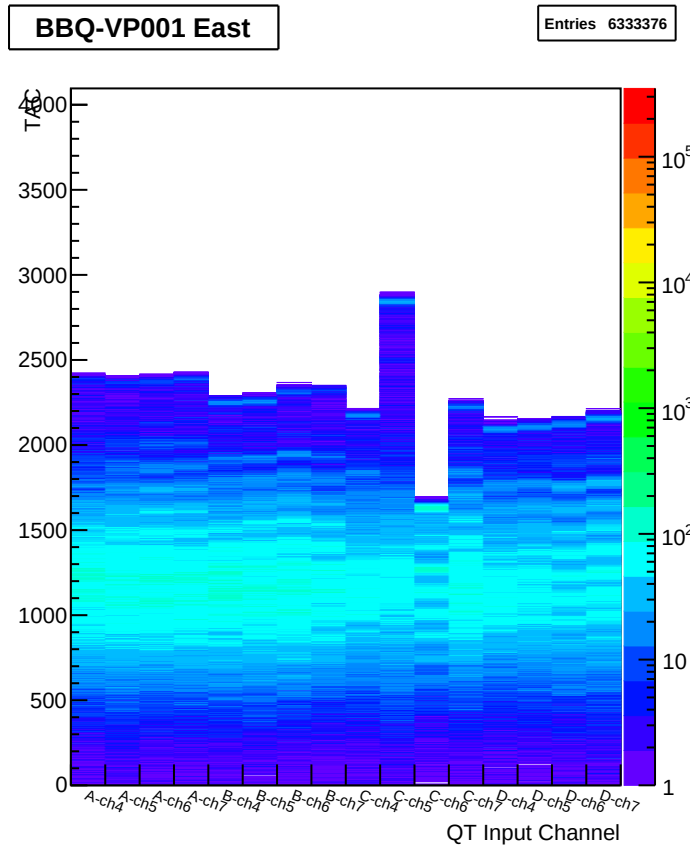

BBQ-BB002 (BBC west small tiles ADC)
Entries 6333376
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

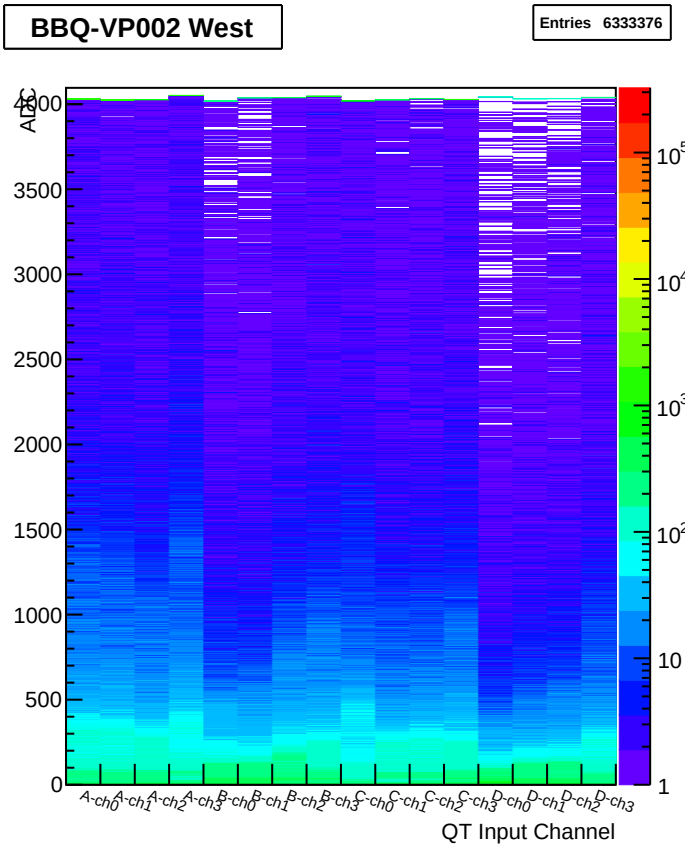

BBQ-BB002 (BBC west small tiles TAC)
Entries 6333376
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

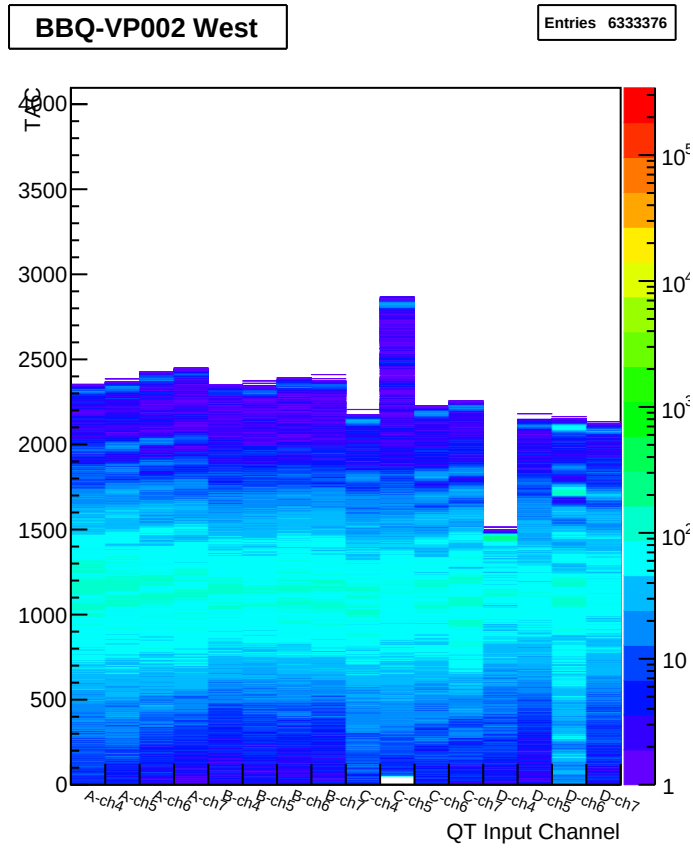

BBQ-ZD001 (ZDC TOWER)
Entries 6333376
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

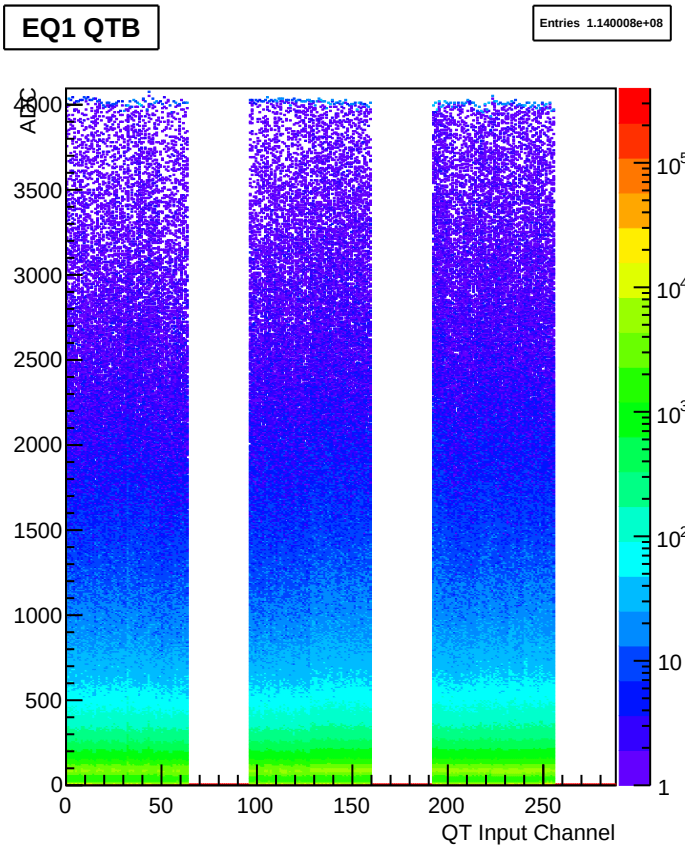

BBQ-ZD001 (ZDC TOWER)
Entries 6333376
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

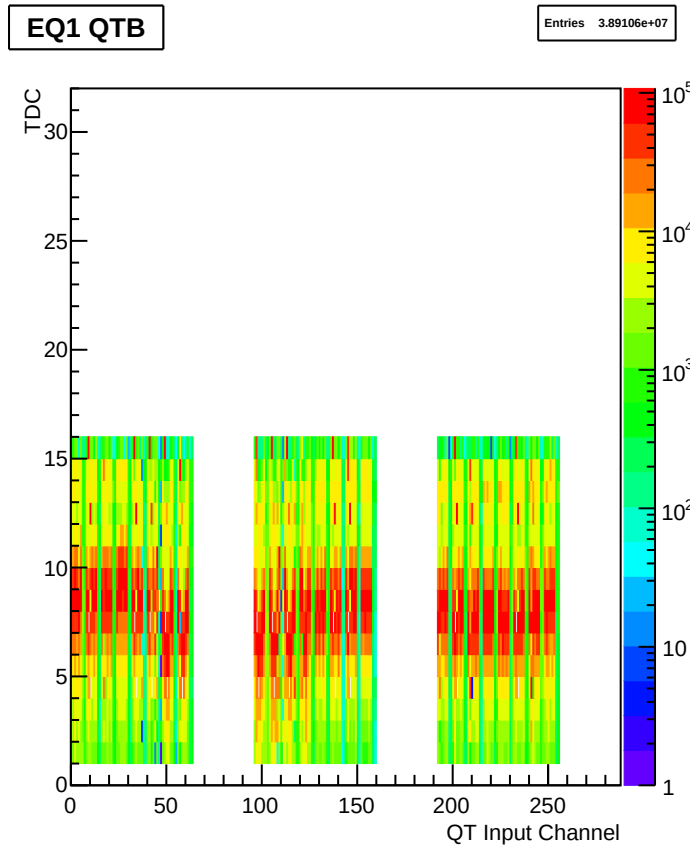

BBQ-VP001 East
Entries 6333376
ADC
QT Input Channel

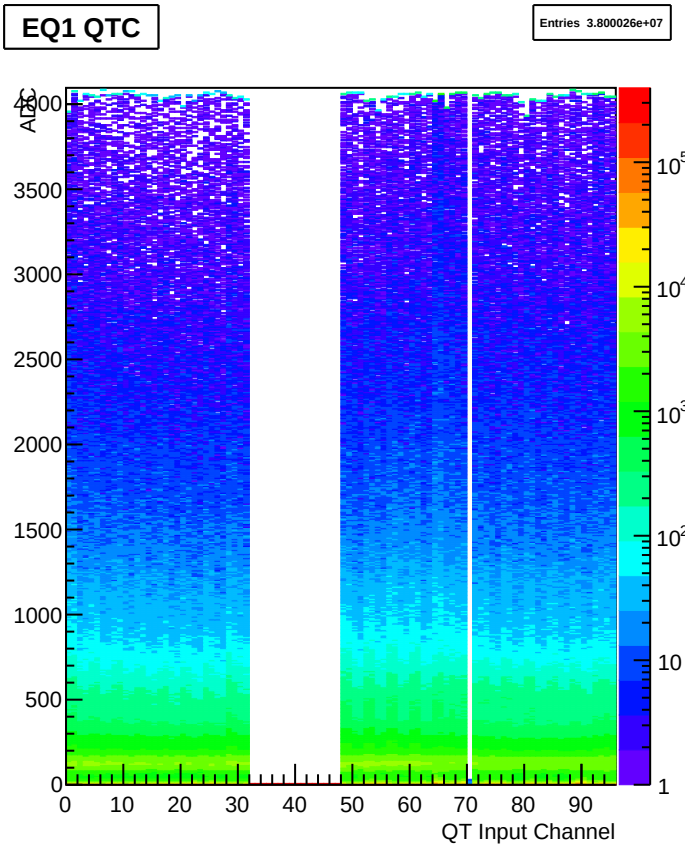

BBQ-VP001 East
Entries 6333376
ADC
QT Input Channel

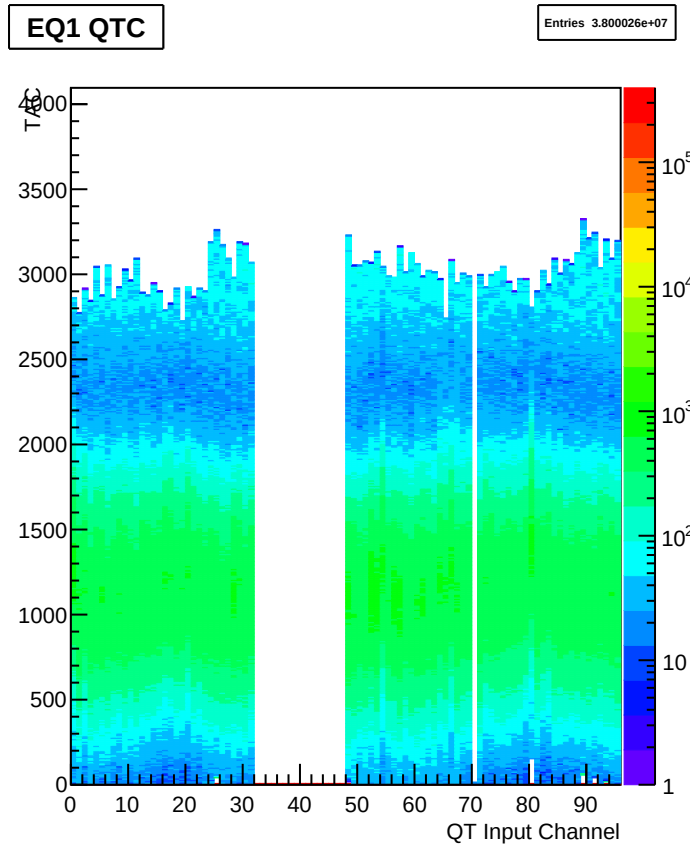

BBQ-VP002 West
Entries 6333376
ADC
QT Input Channel

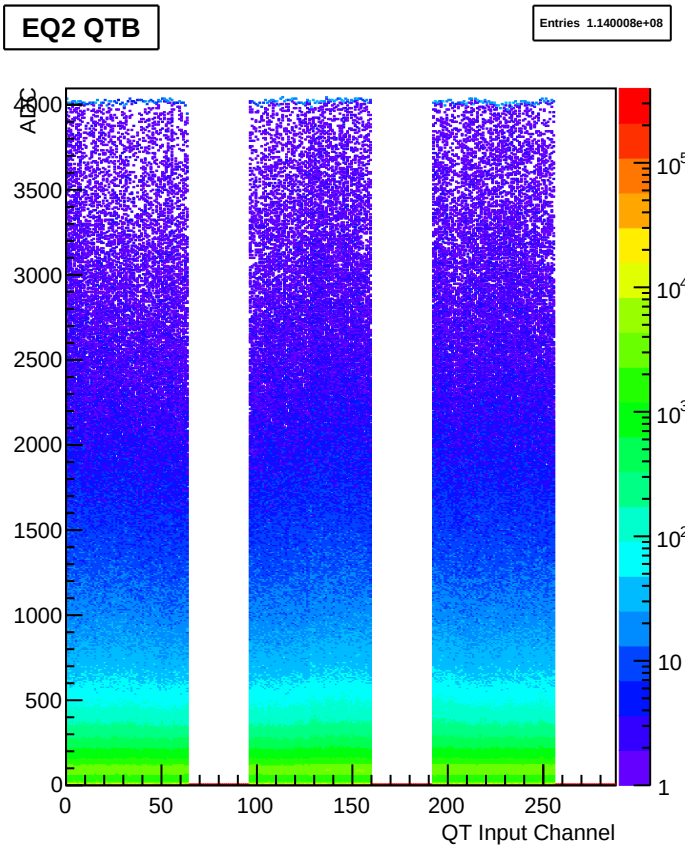

BBQ-VP002 West
Entries 6333376
ADC
QT Input Channel

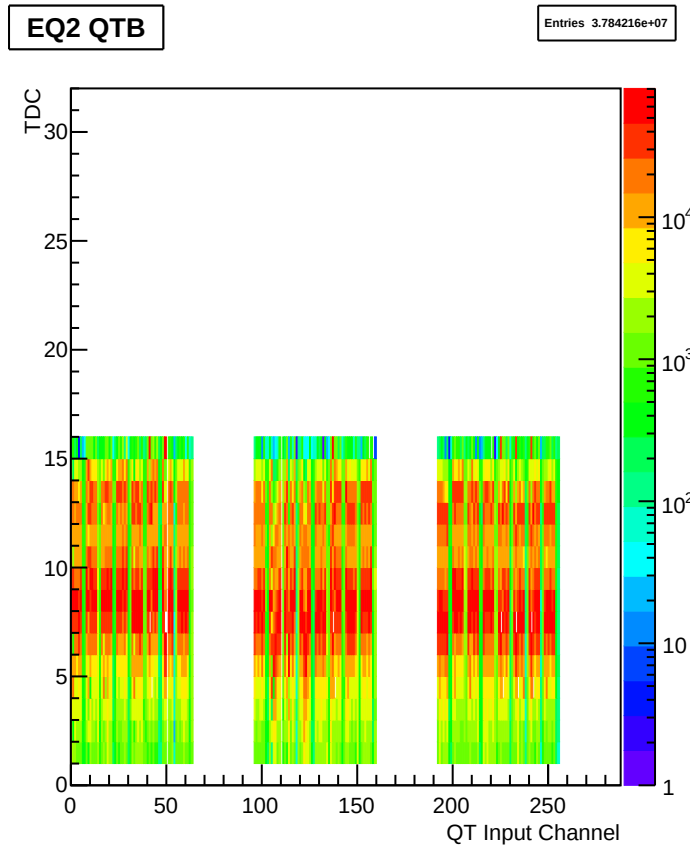

EQ1 QTB
Entries 1.140008e+08
ADC
QT Input Channel

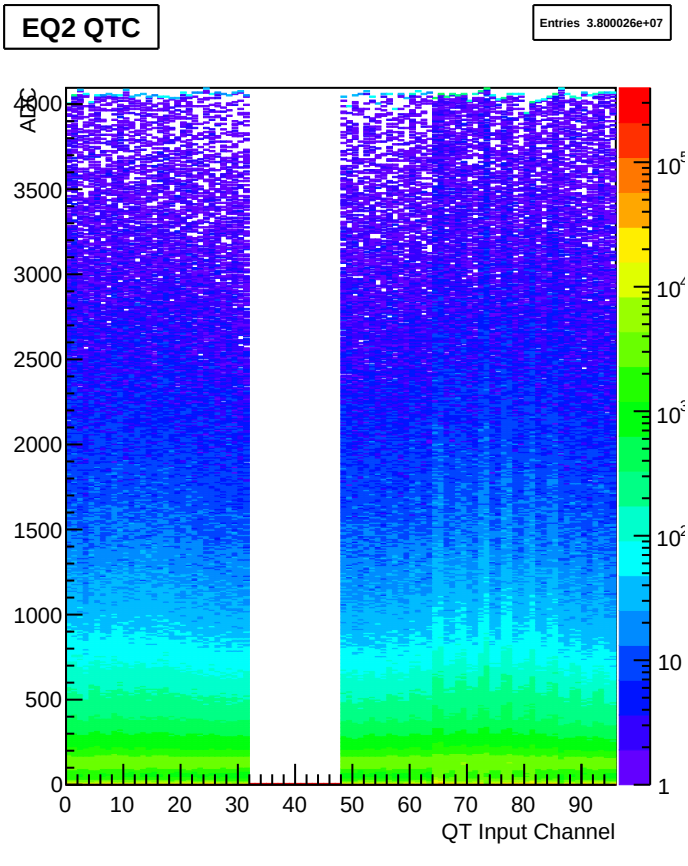

EQ1 QTB
Entries 3.89106e+07
TDC
QT Input Channel

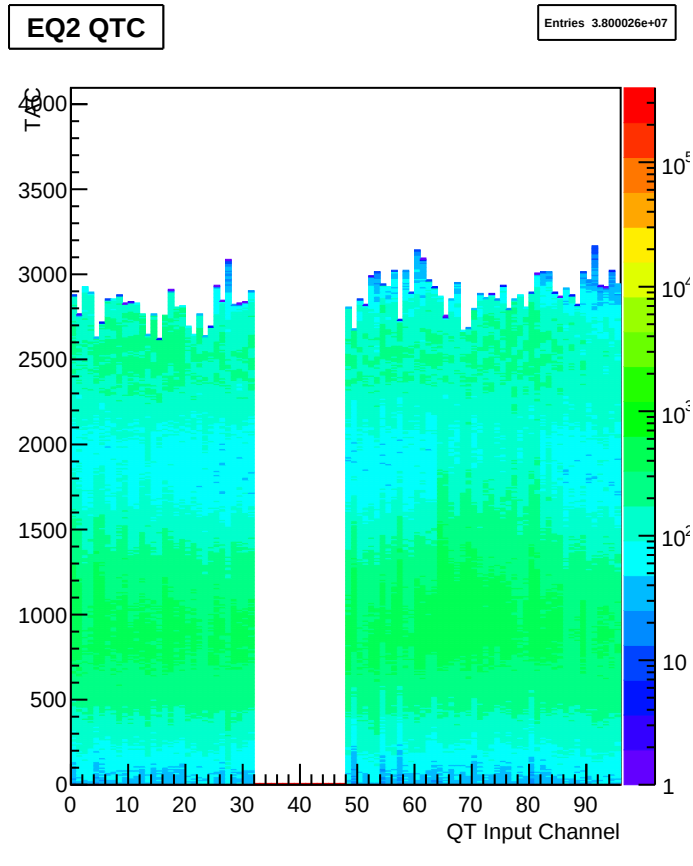

EQ1 QTC
Entries 3.800026e+07
ADC
QT Input Channel

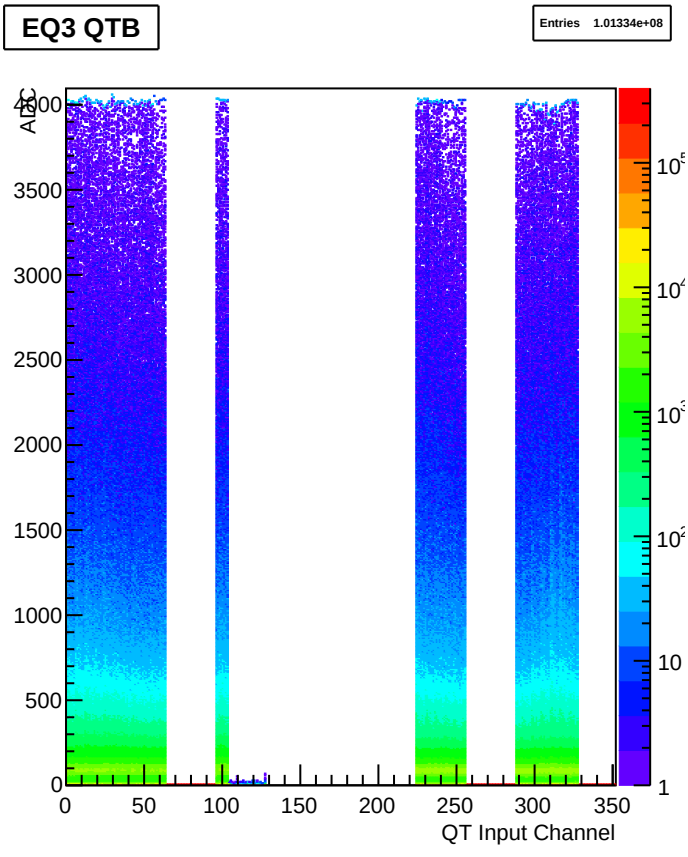

EQ1 QTC
Entries 3.800026e+07
TADC
QT Input Channel

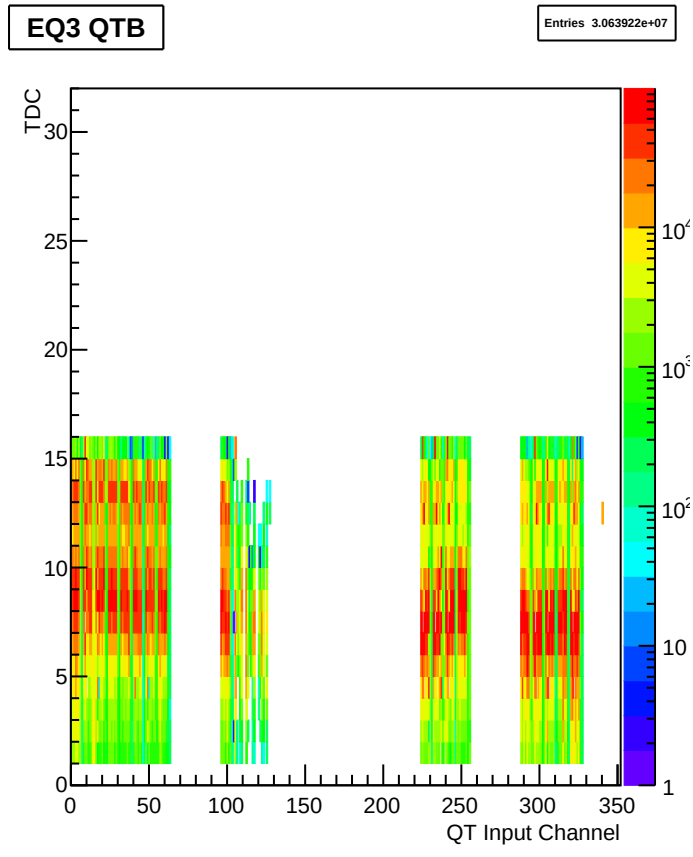

EQ2 QTB
Entries 1.140008e+08
ADC
QT Input Channel

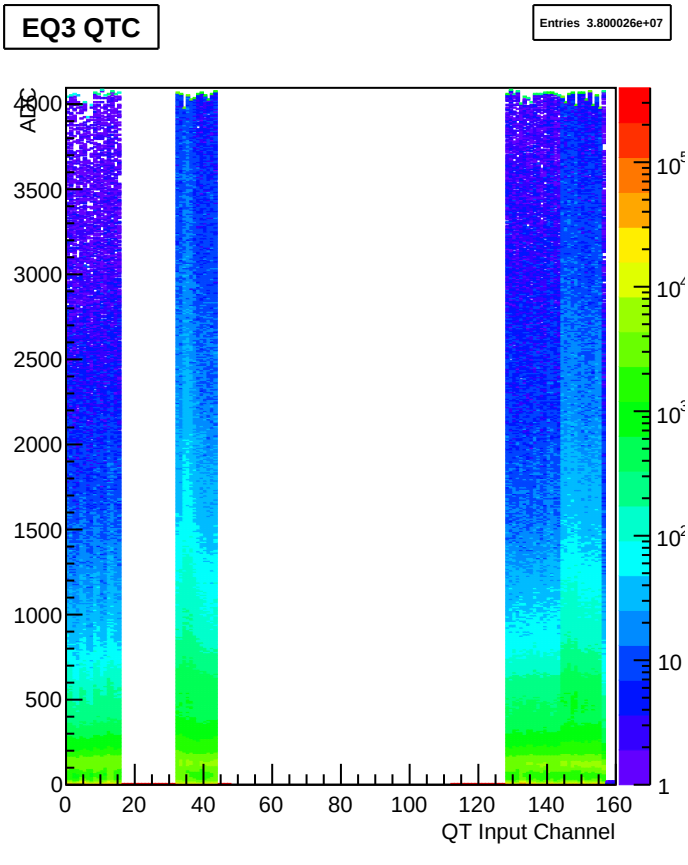

EQ2 QTB
Entries 3.784216e+07
TDC
QT Input Channel

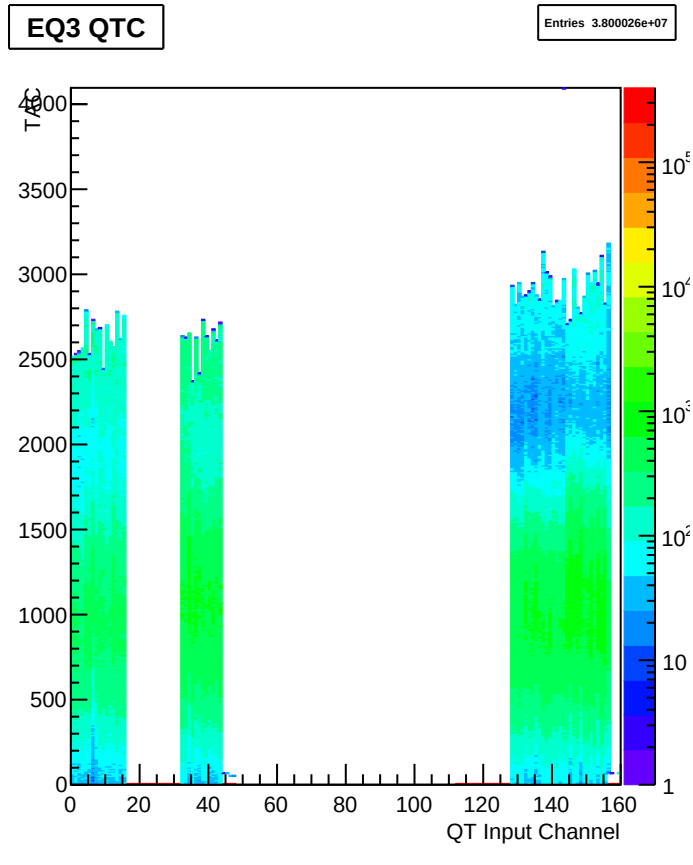

EQ2 QTC
Entries 3.800026e+07
ADC
QT Input Channel

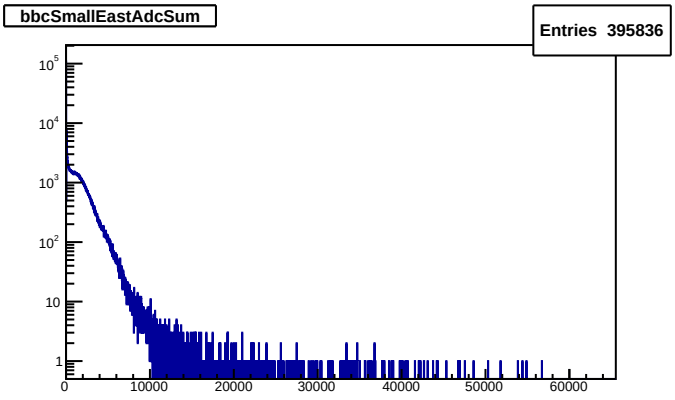

EQ2 QTC
Entries 3.800026e+07
TADC
QT Input Channel

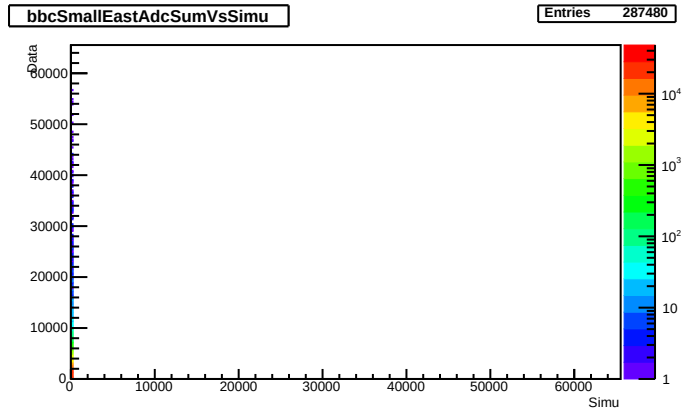

EQ3 QTB
Entries 1.01334e+08
ADC
QT Input Channel

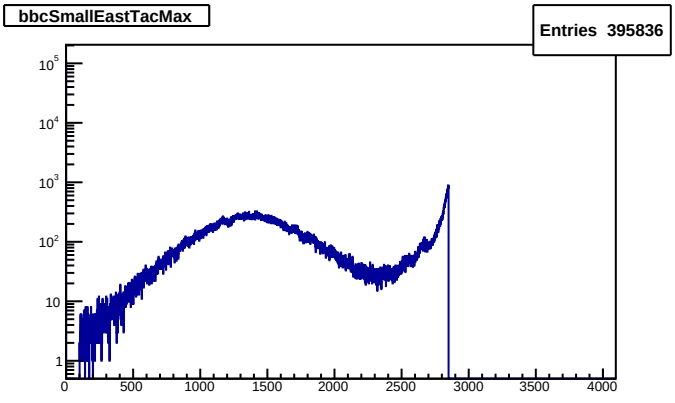

EQ3 QTB
Entries 3.063922e+07
TDC
QT Input Channel

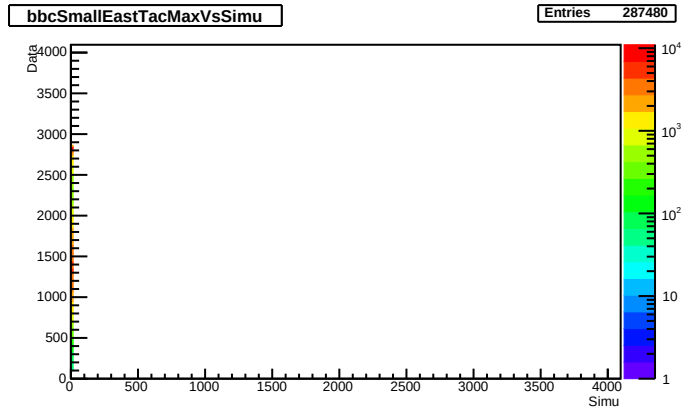

EQ3 QTC
Entries 3.800026e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.800026e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 395836


bbcSmallEastAdcSumVsSimu
Entries 287480
Data
Simu


bbcSmallEastTacMax
Entries 395836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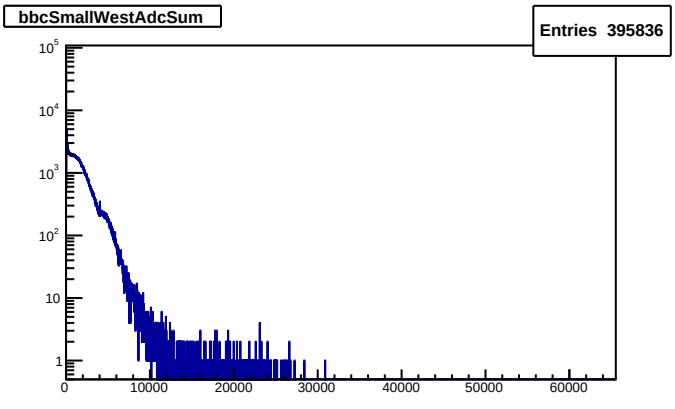
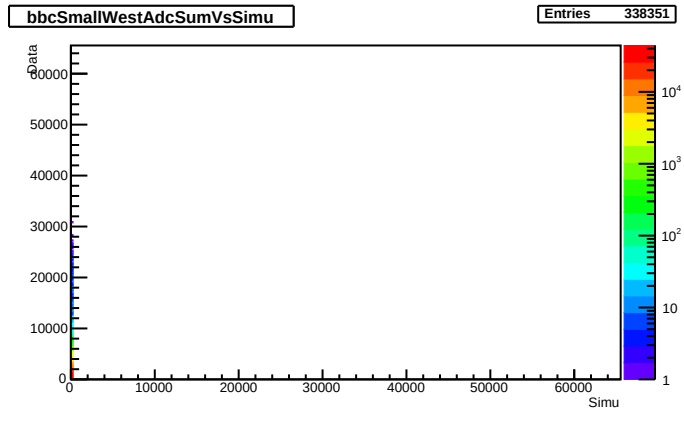
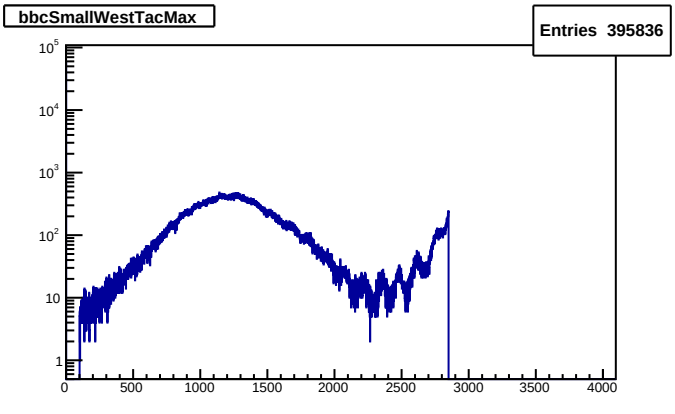
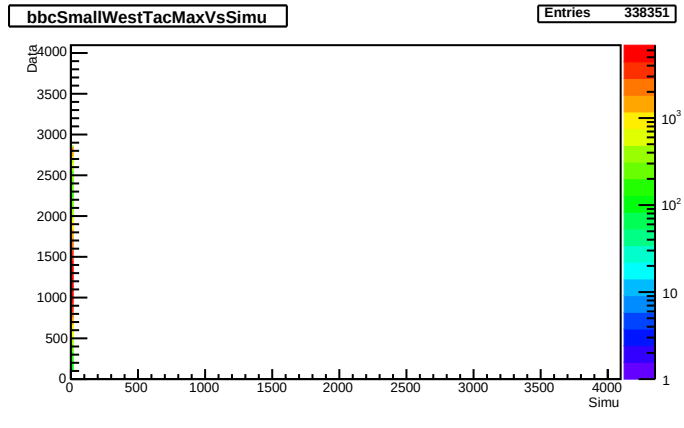
Entries 287480
Data
Simu


bbcSmallWestAdcSum
Entries 395836


bbcSmallWestAdcSumVsSimu
Entries 338351
Data
Simu


bbcSmallWestTacMax
Entries 395836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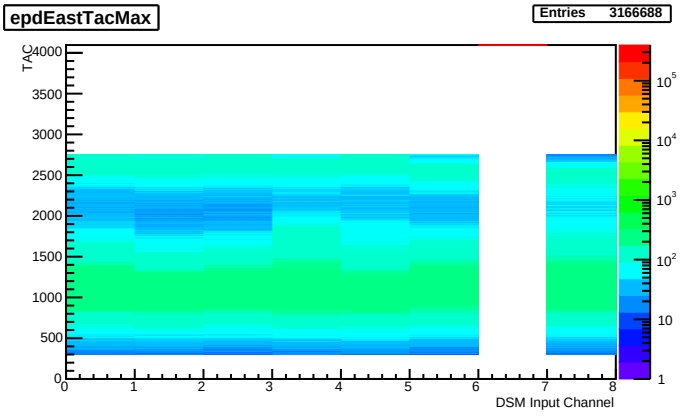
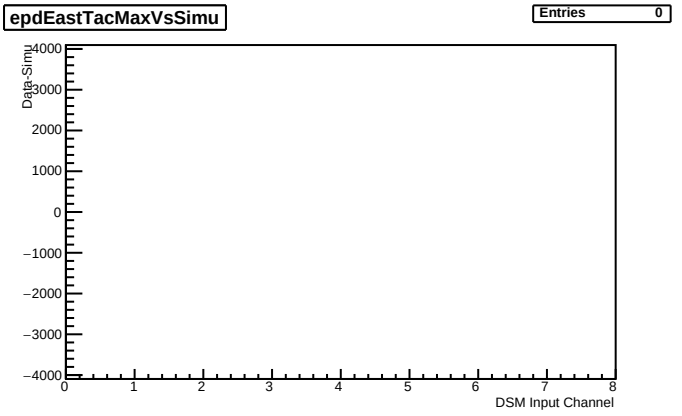
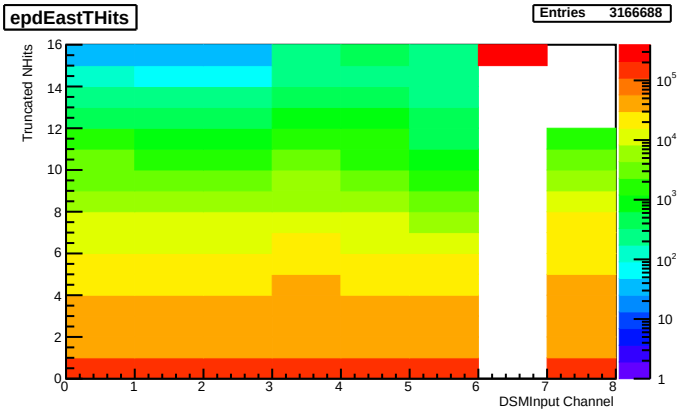
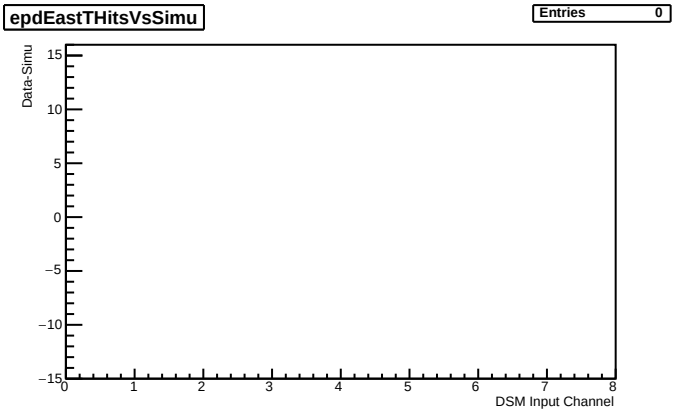
Entries 338351
Data
Simu


epdEastTacMax
Entries 3166688
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3166688
Truncated NHits
DSMInput Channel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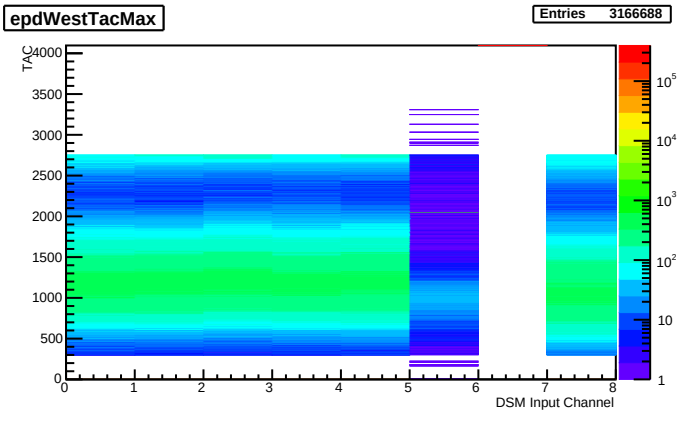
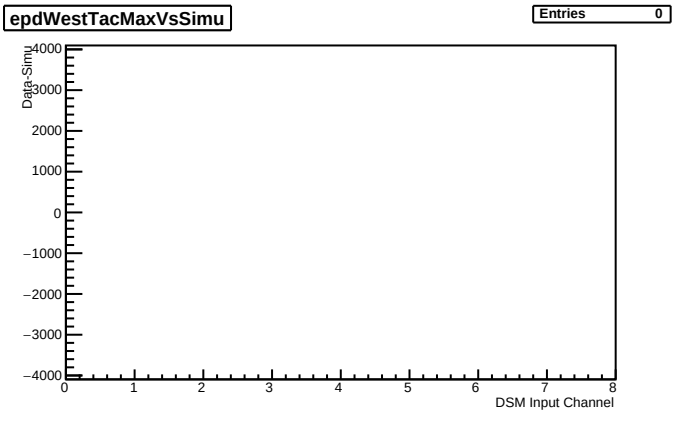
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3166688
TAC
DSM Input Channel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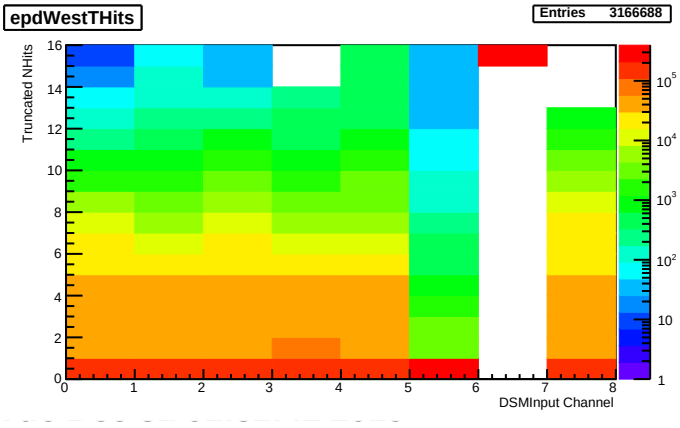
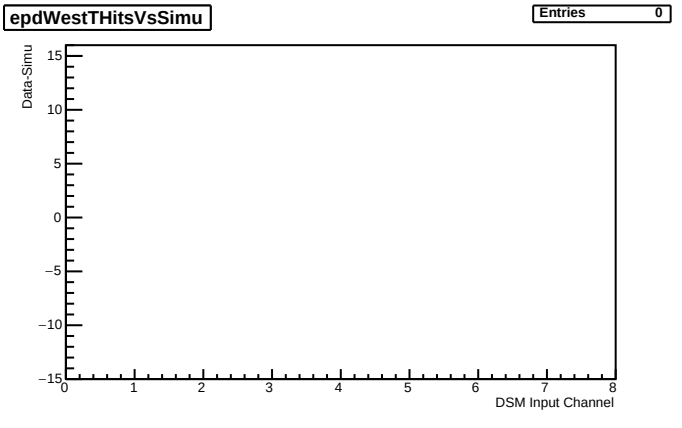
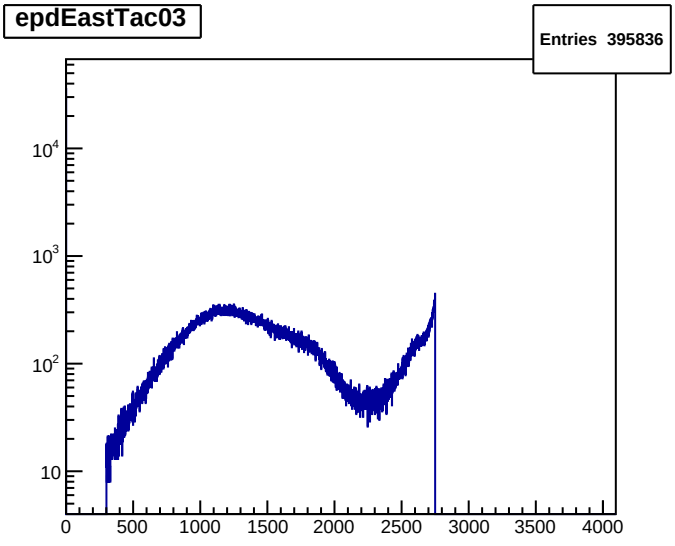
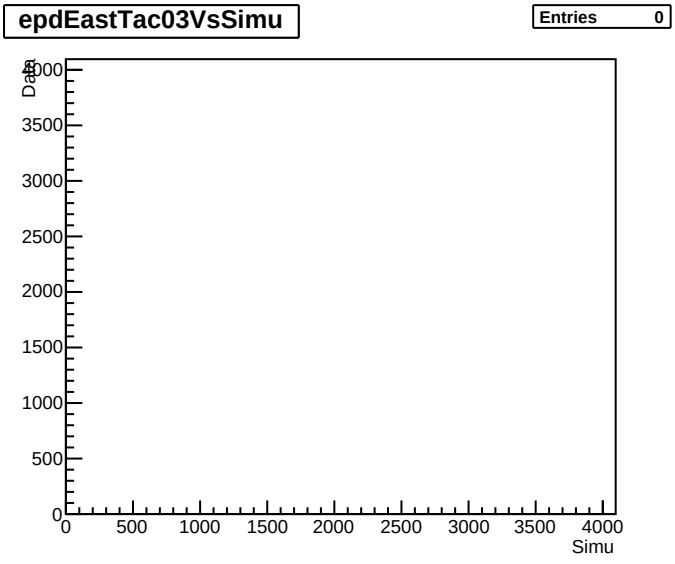
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3166688
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 395836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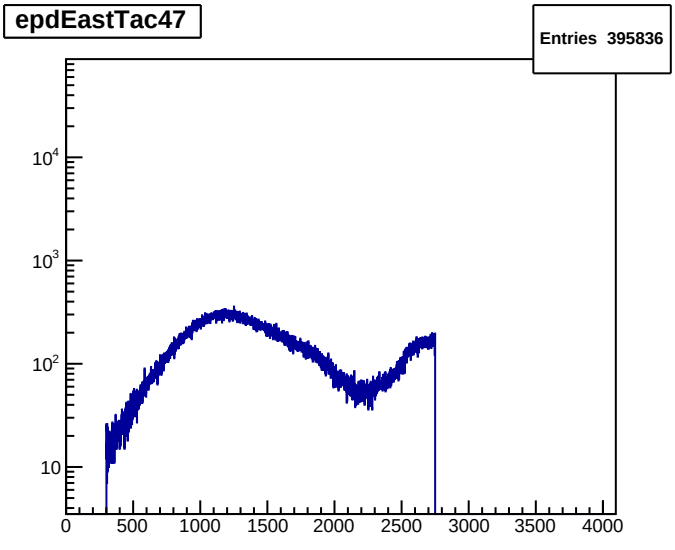
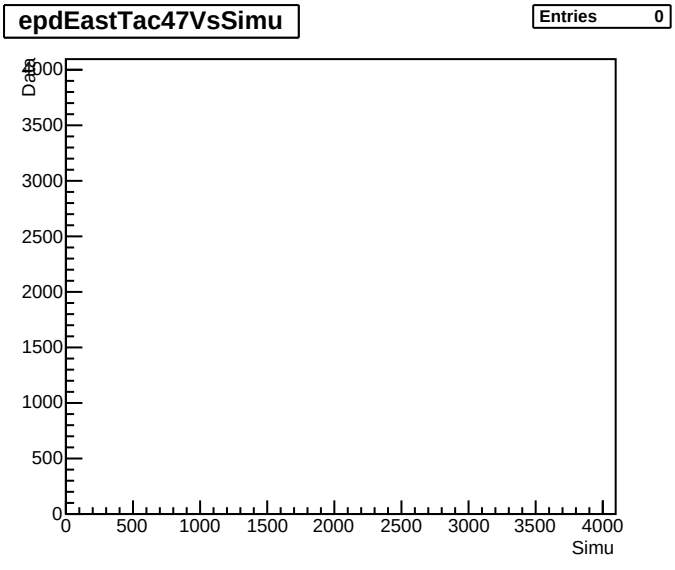
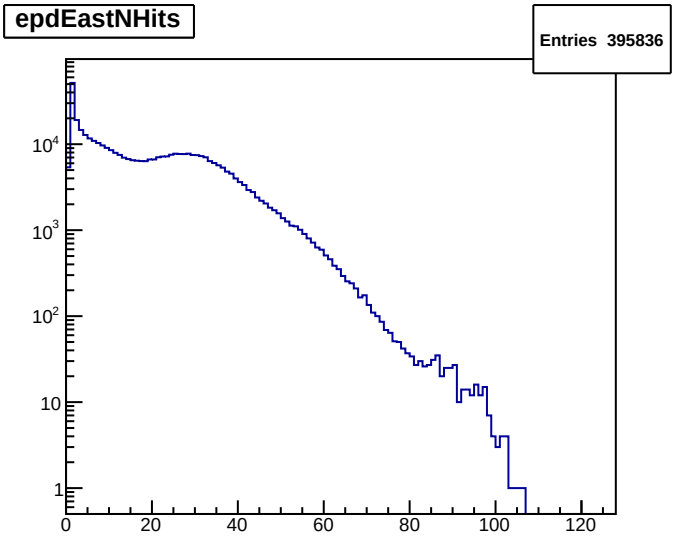
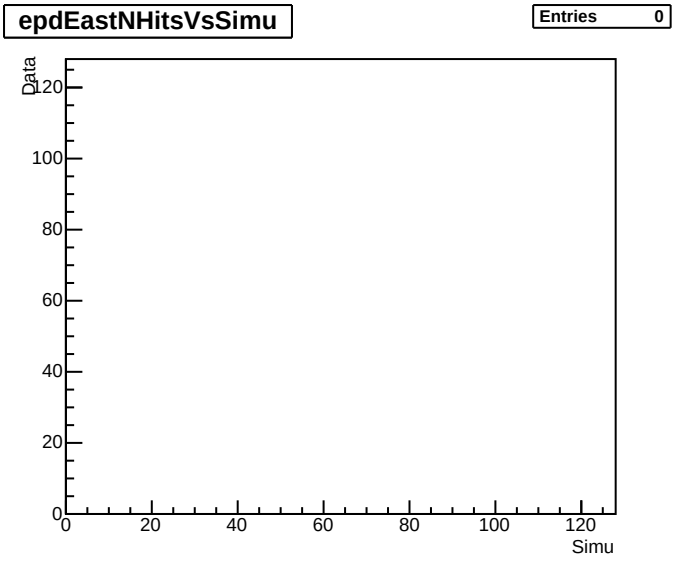
Entries 0
Data
Simu


epdEastTac47
Entries 395836


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 395836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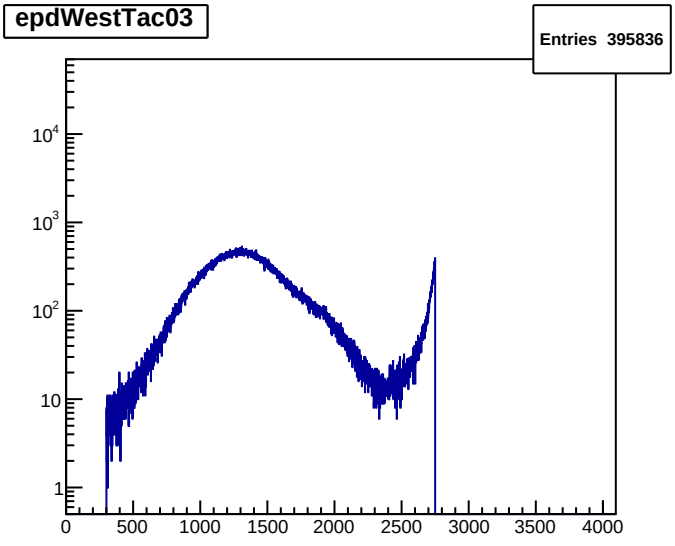
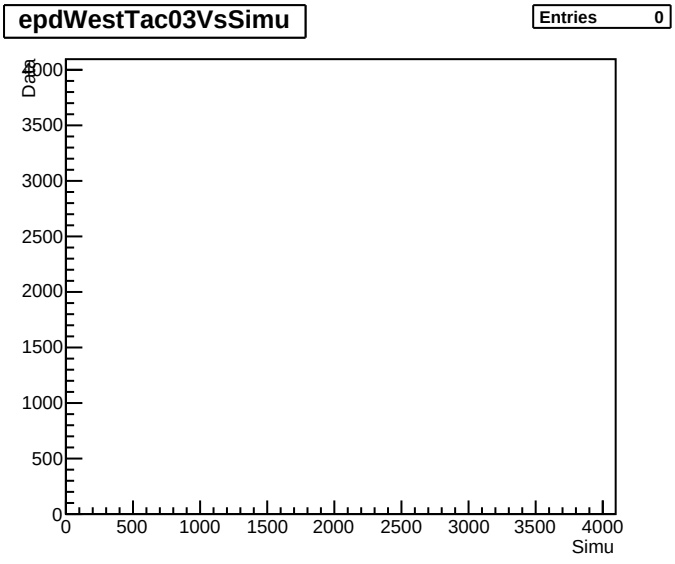
Entries 0
Data
Simu


epdWestTac03
Entries 395836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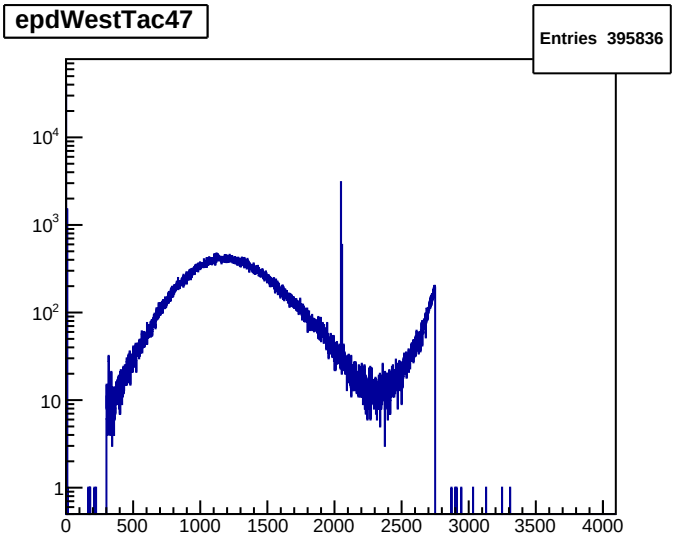
Entries 0
Data
Simu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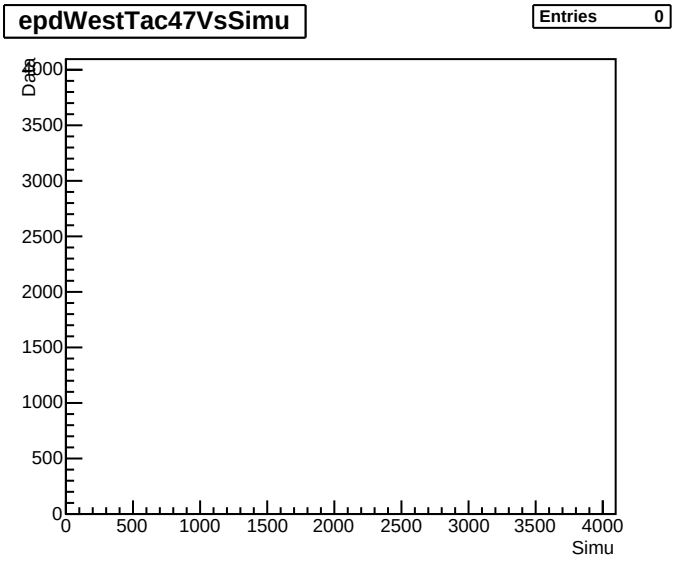
Entries 395836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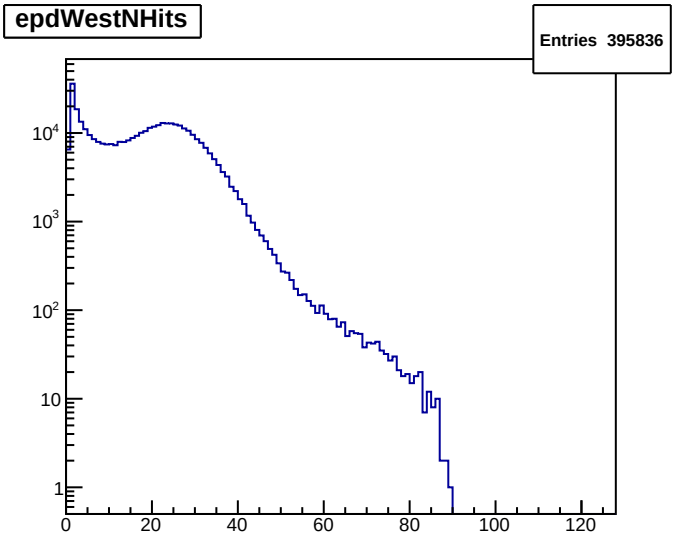
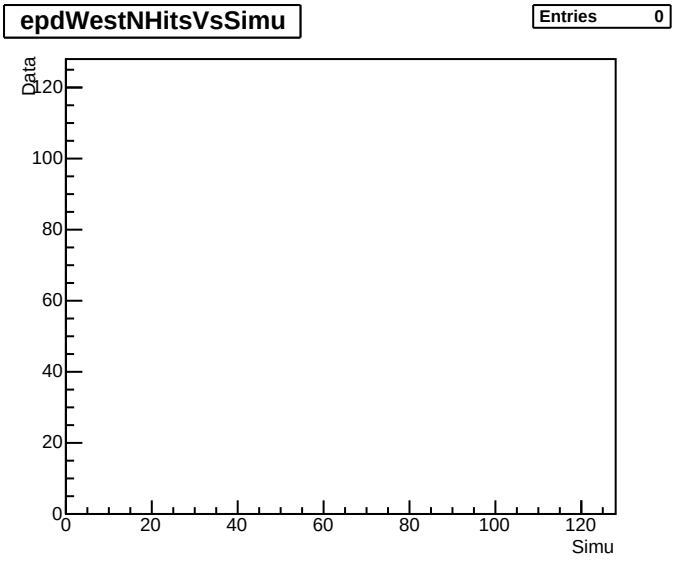
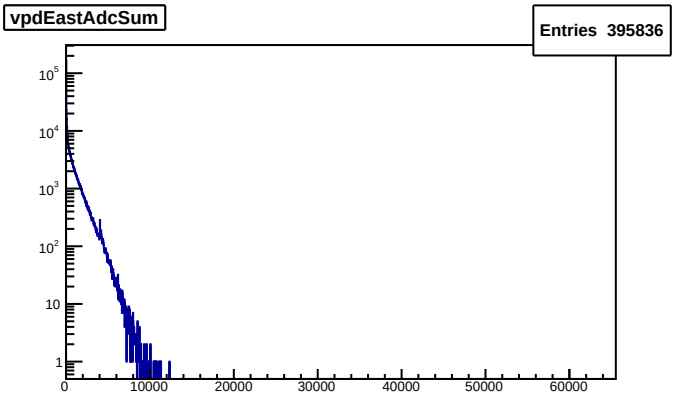
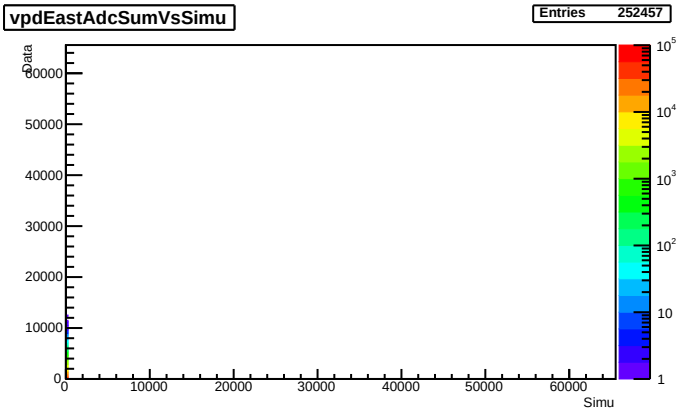
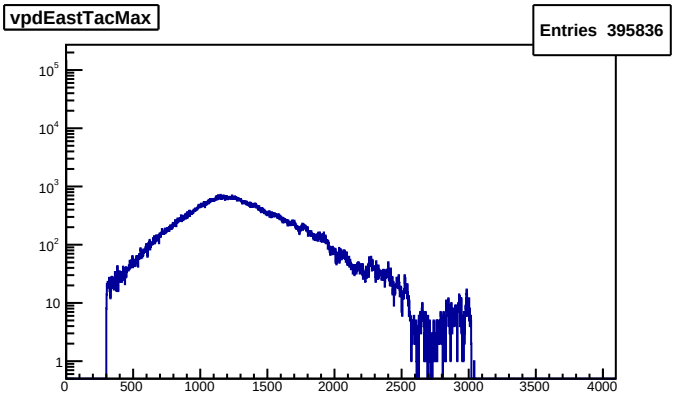
Entries 0
Data
Simu

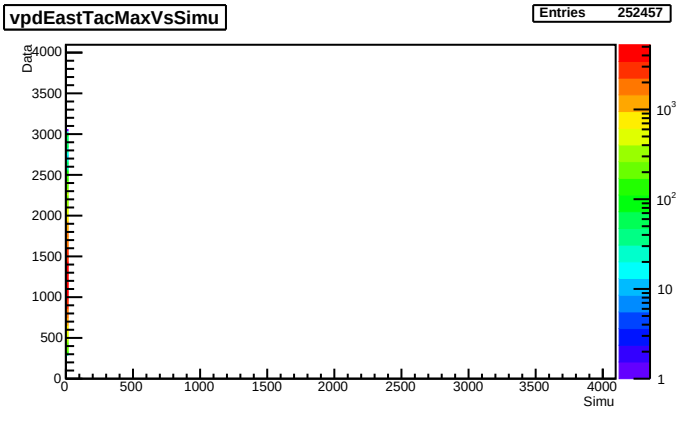

epdWestNHits
Entries 395836

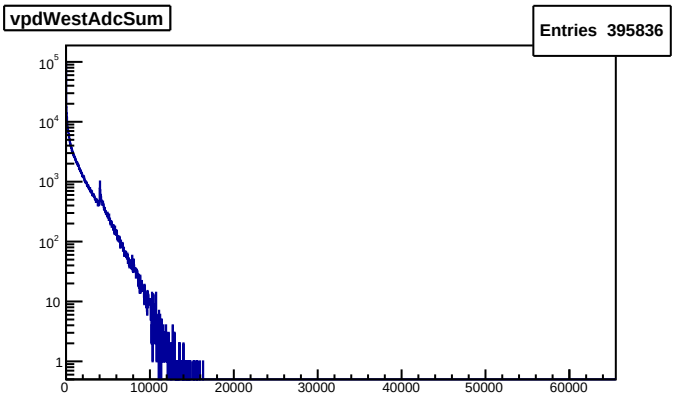

epdWestNHitsVsSimu
Entries 0
Data
Simu

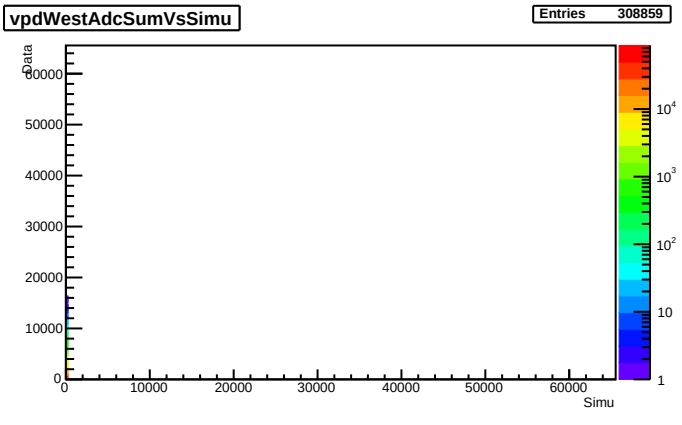

vpdEastAdcSum
Entries 395836

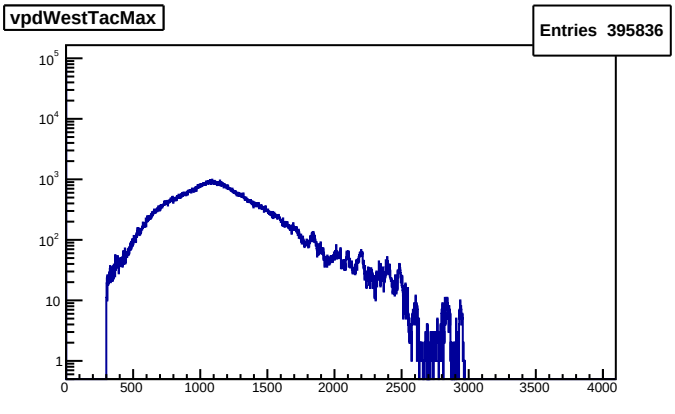

vpdEastAdcSumVsSimu
Entries 252457
Data
Simu

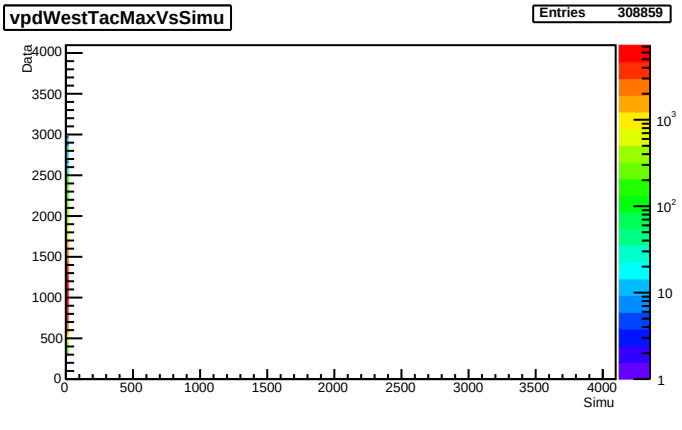

vpdEastTacMax
Entries 395836

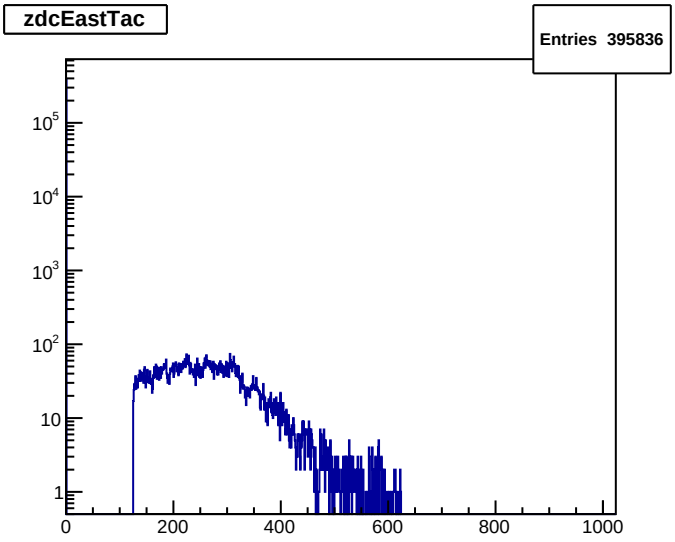

vpdEastTacMaxVsSimu
Entries 252457
Data
Simu

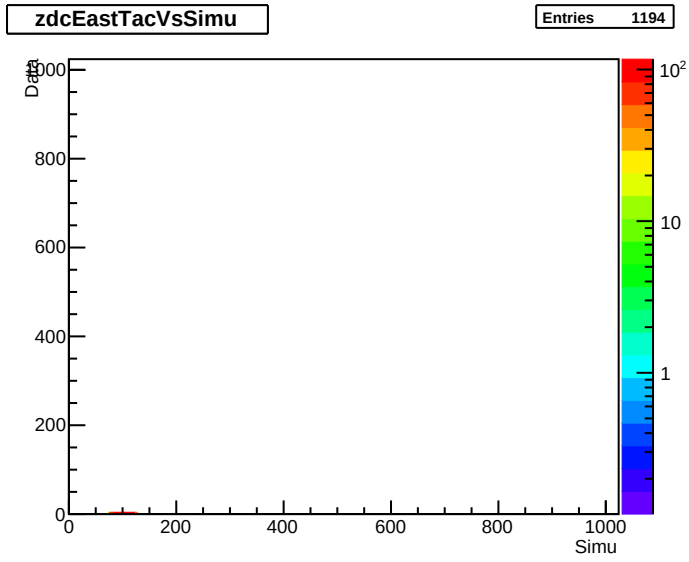

vpdWestAdcSum
Entries 395836

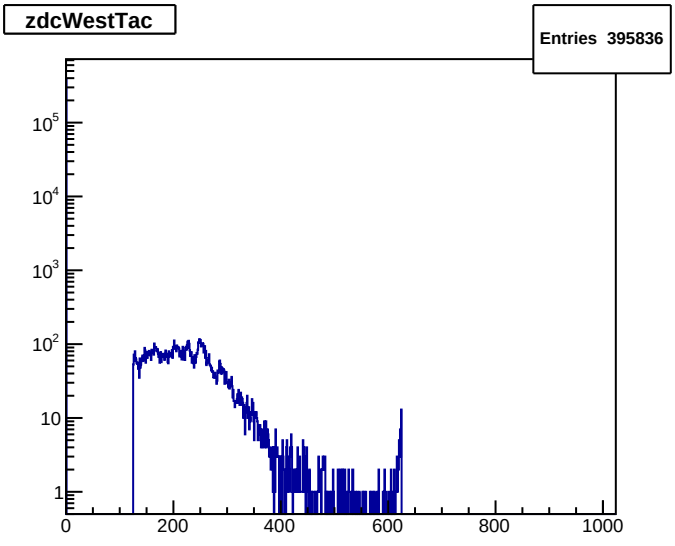

vpdWestAdcSumVsSimu
Entries 308859
Data
Simu

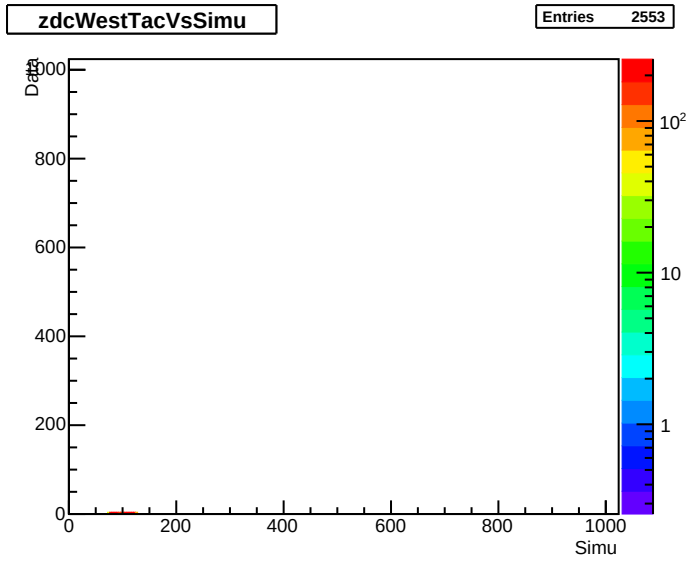

vpdWestTacMax
Entries 395836

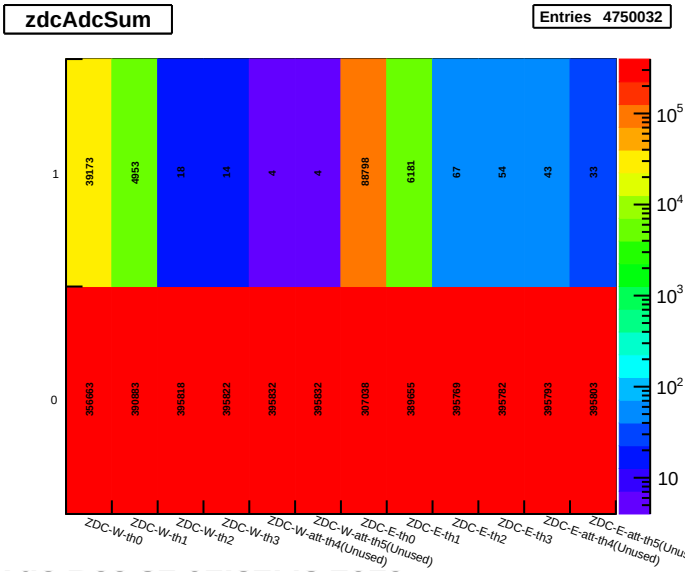

vpdWestTacMaxVsSimu
Entries 308859
Data
Simu

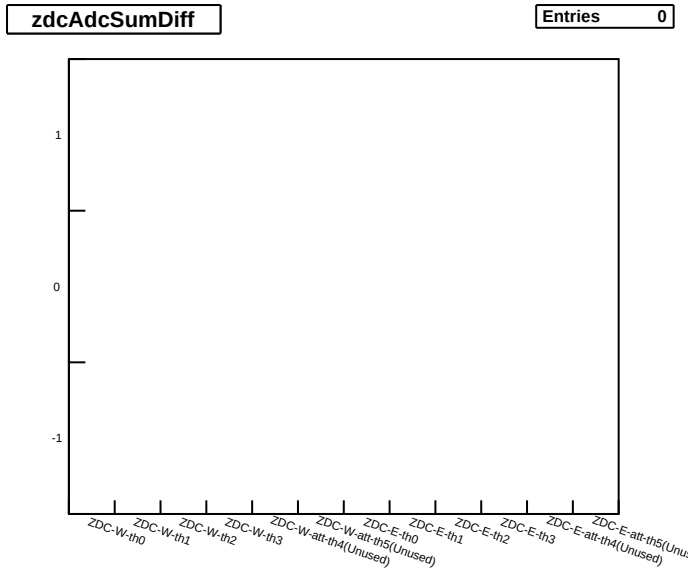

zdcEastTac
Entries 395836

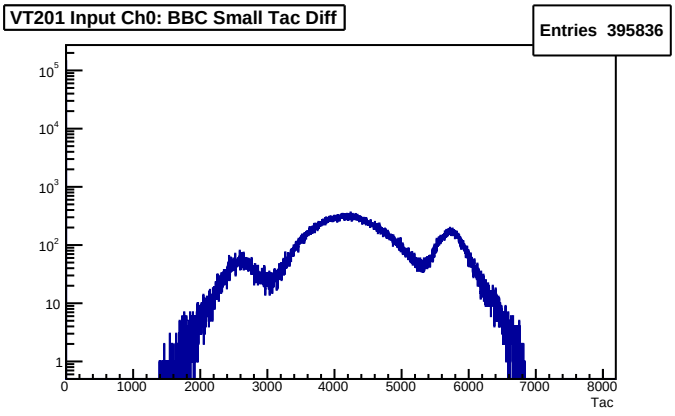

zdcEastTacVsSimu
Entries 1194
Data
Simu

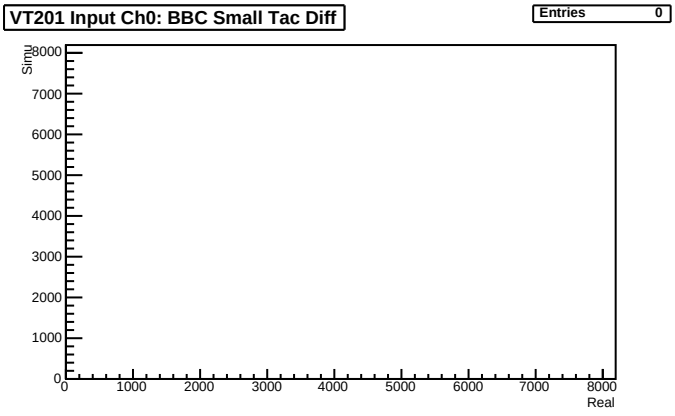

zdcWestTac
Entries 395836

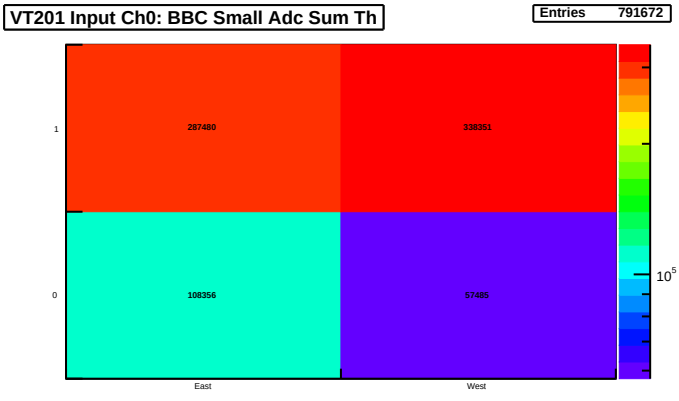

zdcWestTacVsSimu
Entries 2553
Data
Simu

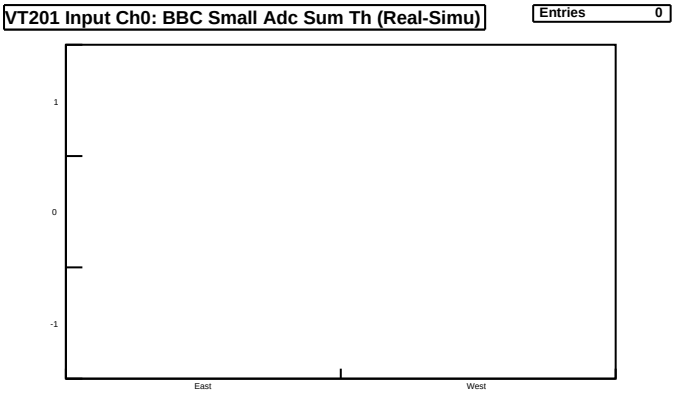

zdcAdcSum
Entries 4750032
39173
4953
18
14
4
4
88798
6181
67
54
43
33
356663
390883
395818
395822
395832
395832
307038
389655
395769
395762
395793
395803
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

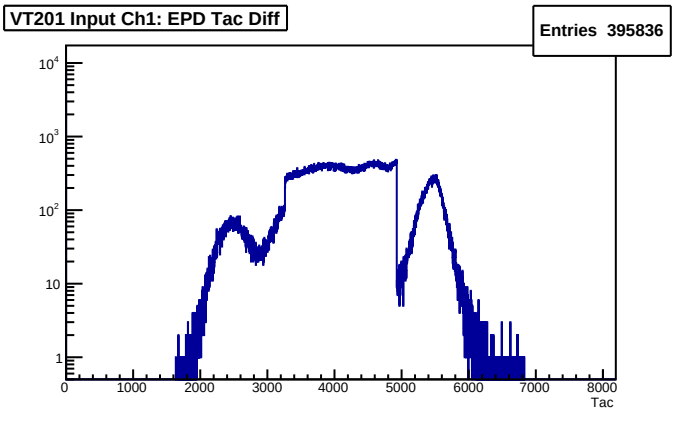

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

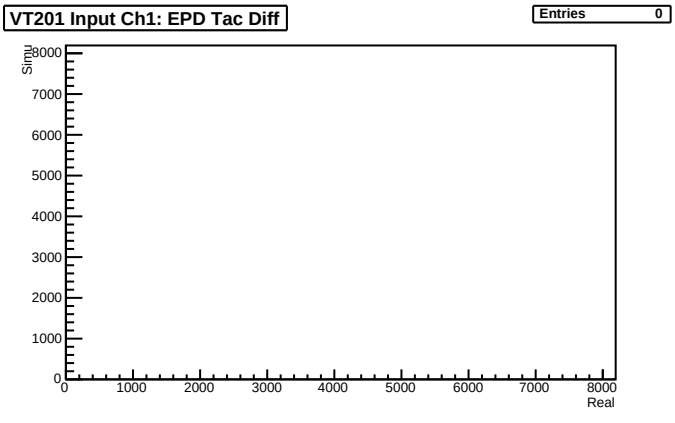

VT201 Input Ch0: BBC Small Tac Diff
Entries 395836
Tac

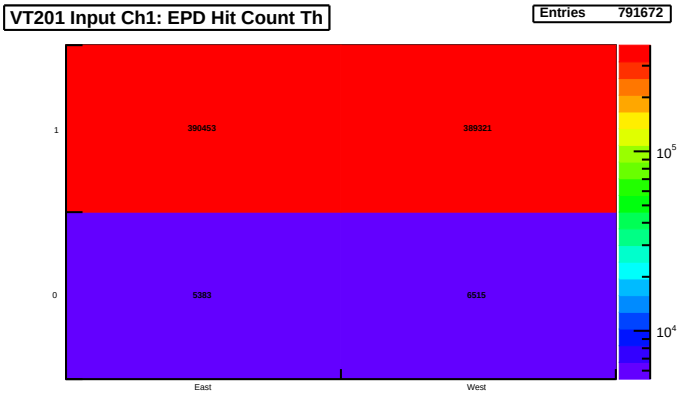

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

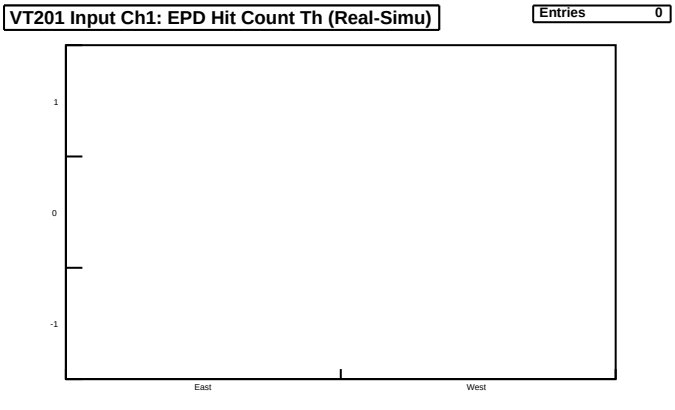

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 791672
287480
338351
108356
57485
East
West

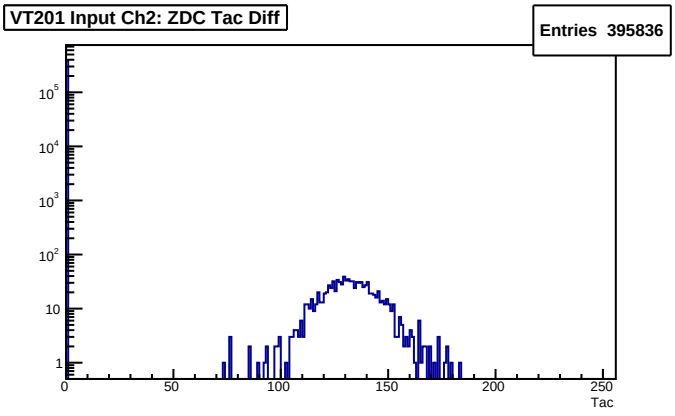

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

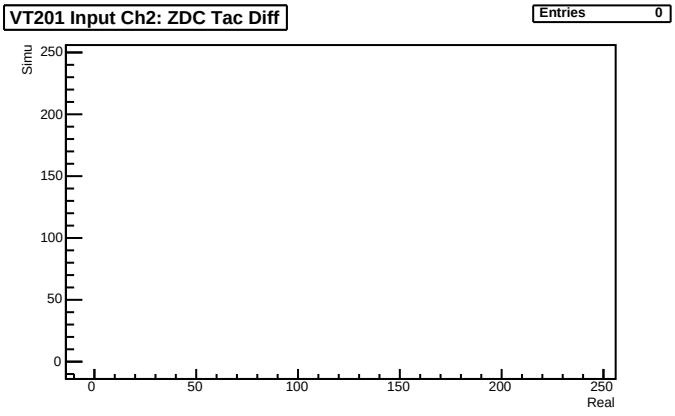

VT201 Input Ch1: EPD Tac Diff
Entries 395836
Tac

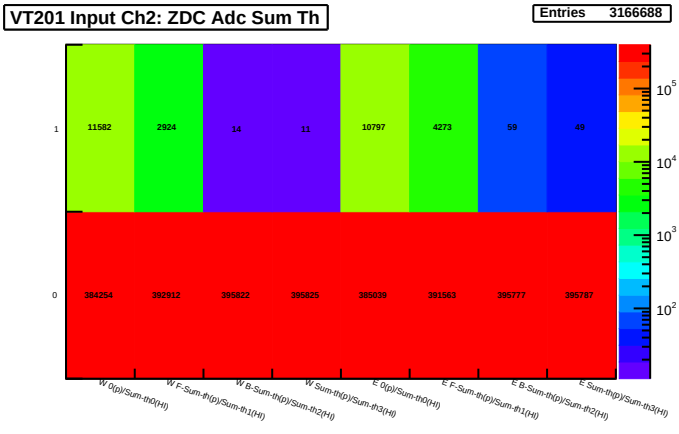

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

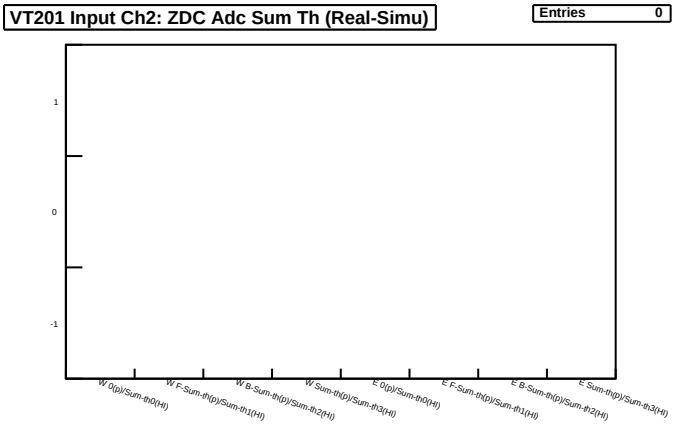

VT201 Input Ch1: EPD Hit Count Th
Entries 791672
390453
389321
5383
6515
East
West

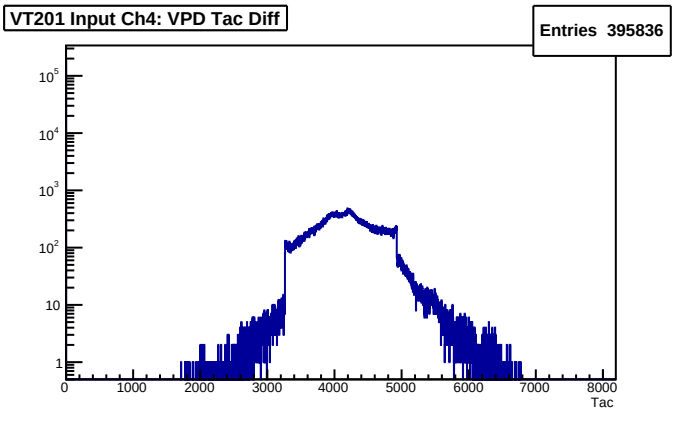

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

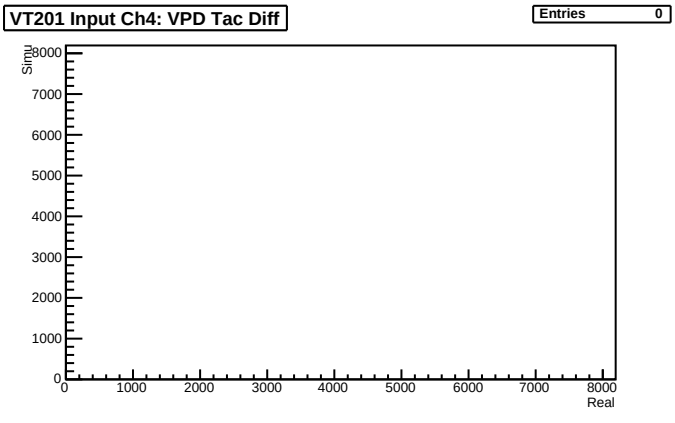

VT201 Input Ch2: ZDC Tac Diff
Entries 395836
Tac

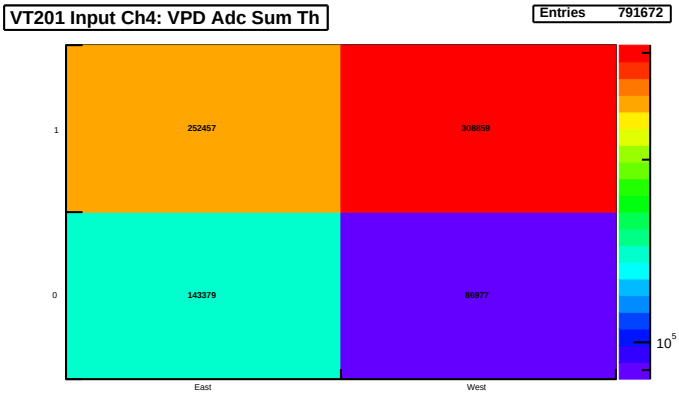

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

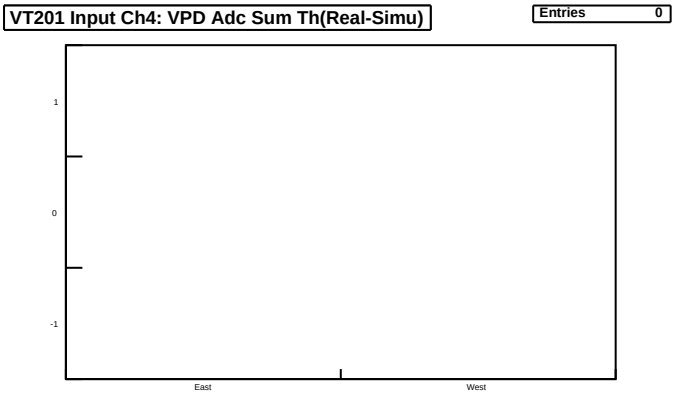

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3166688
11582
2924
14
11
10797
4273
59
49
384254
392912
395822
395825
385039
391563
395777
395787
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

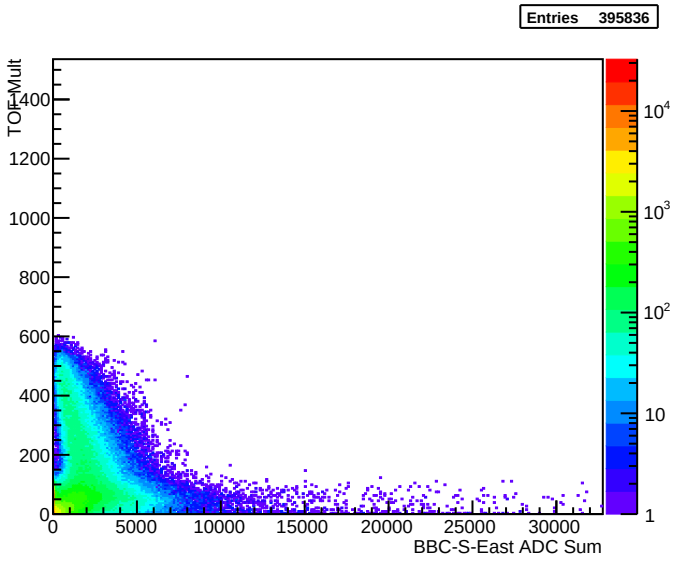

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

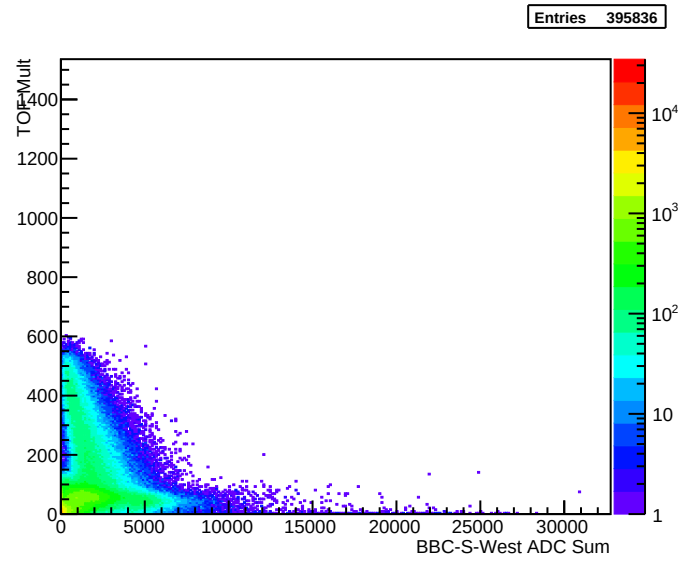

VT201 Input Ch4: VPD Tac Diff
Entries 395836
Tac

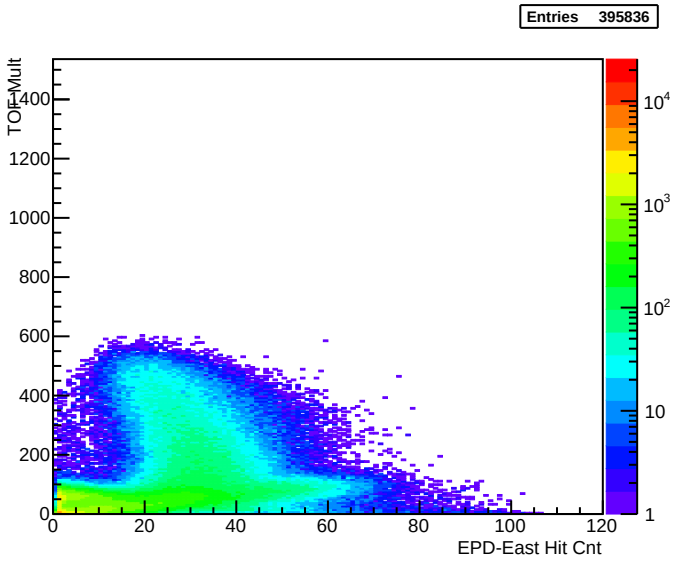

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

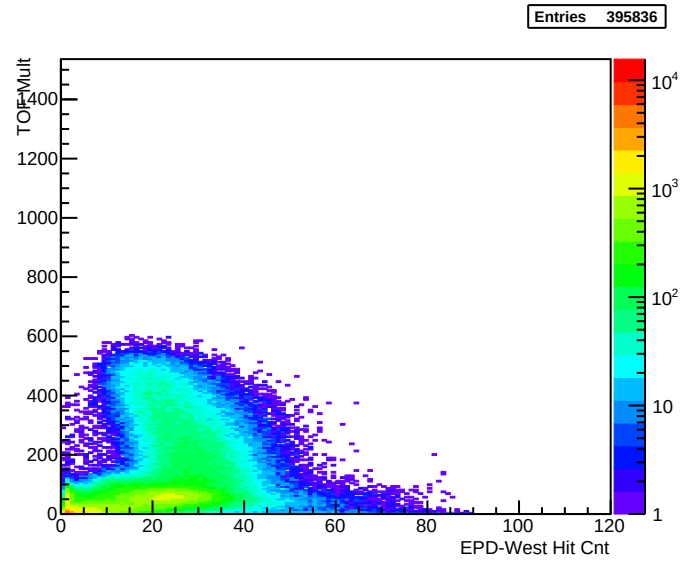

VT201 Input Ch4: VPD Adc Sum Th
Entries 791672
252457
308859
143379
86977
East
West

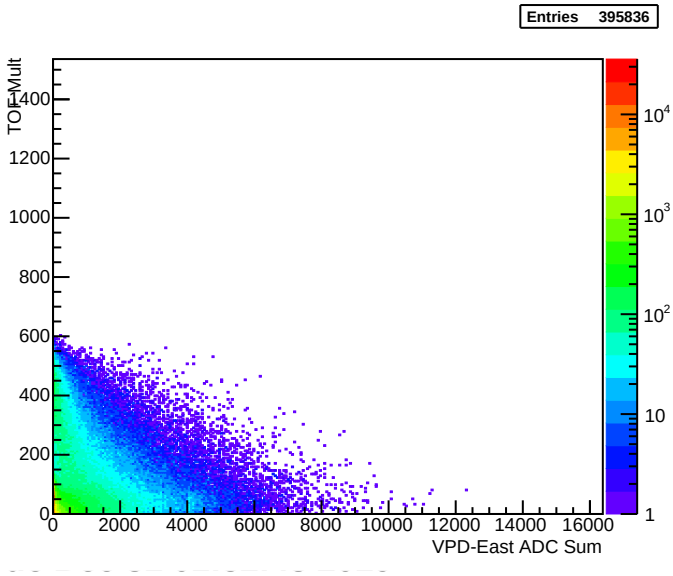

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

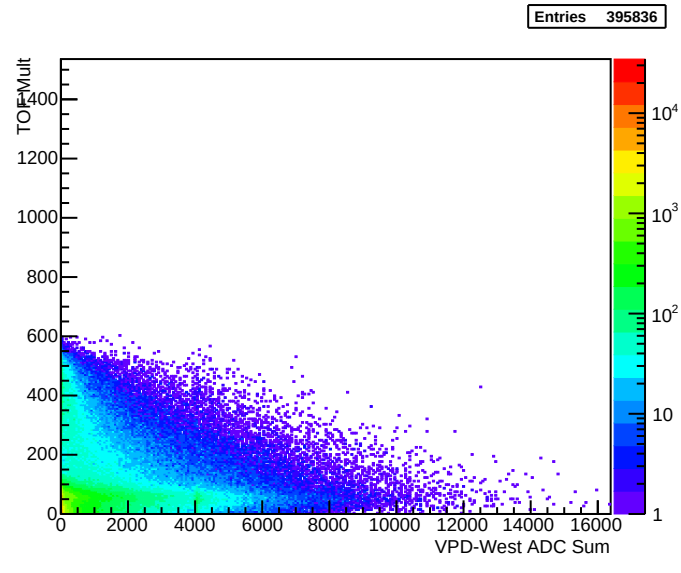

Entries 395836
TOF-Mult
BBC-S-East ADC Sum

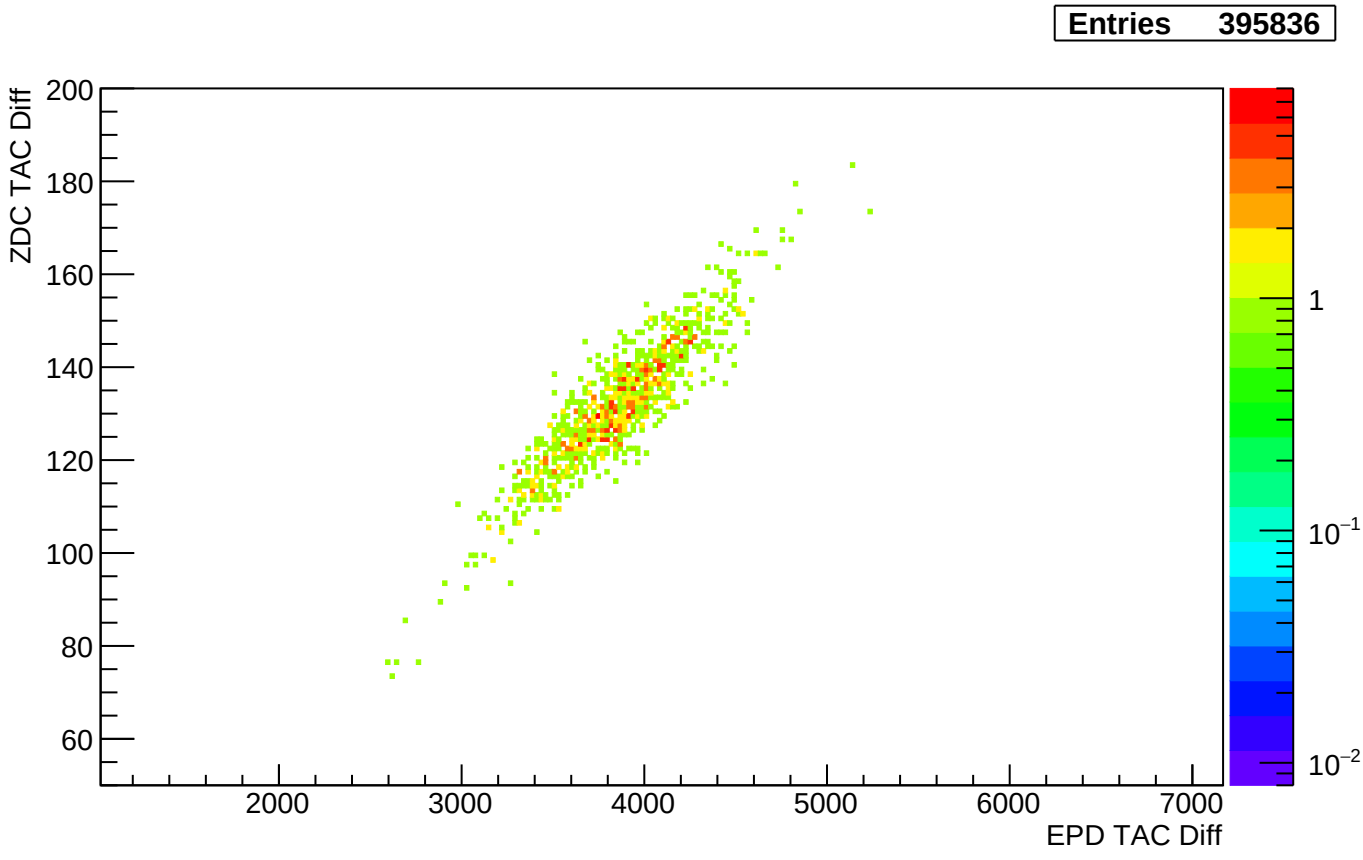

Entries 395836
TOF-Mult
BBC-S-West ADC Sum

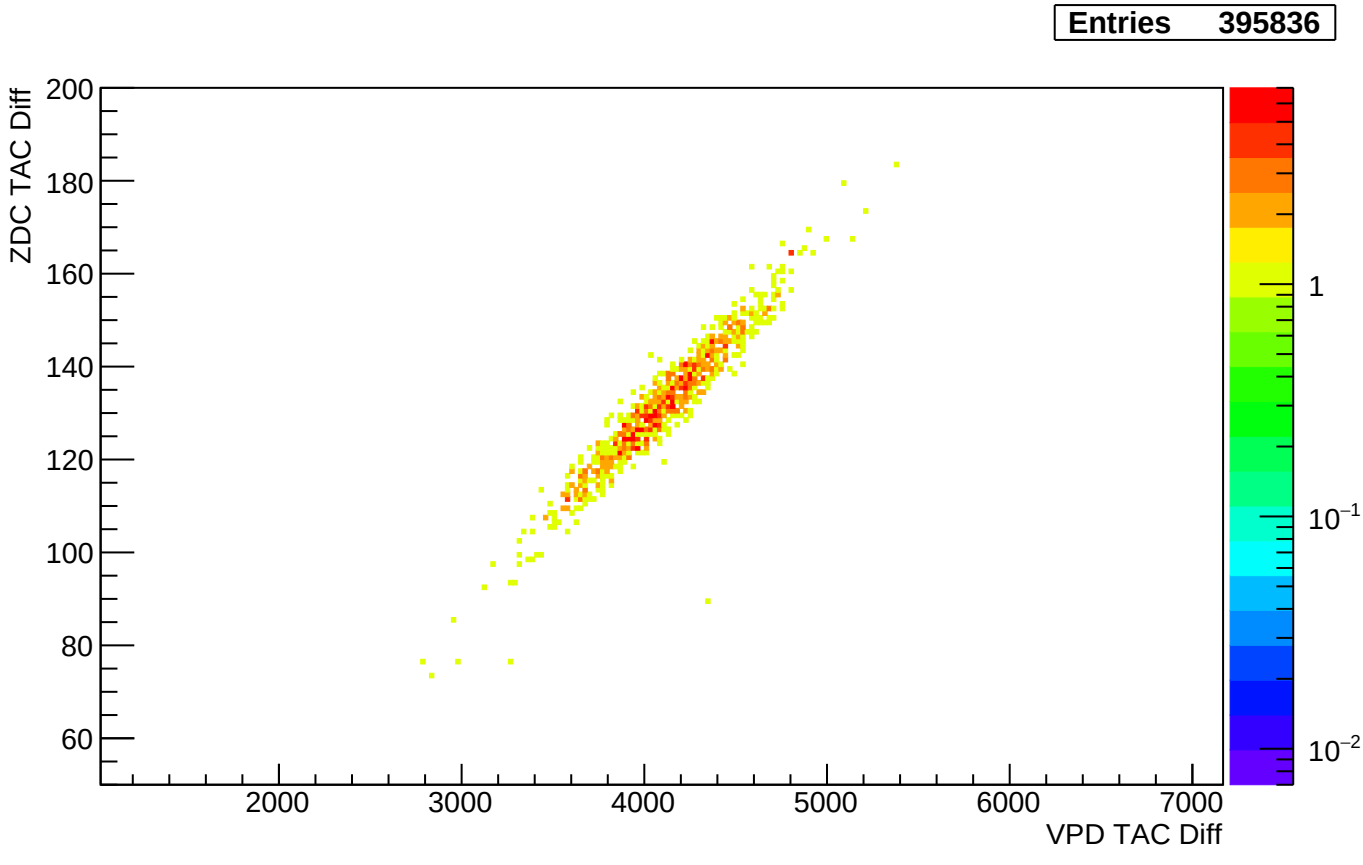

Entries 395836
TOF-Mult
EPD-East Hit Cnt

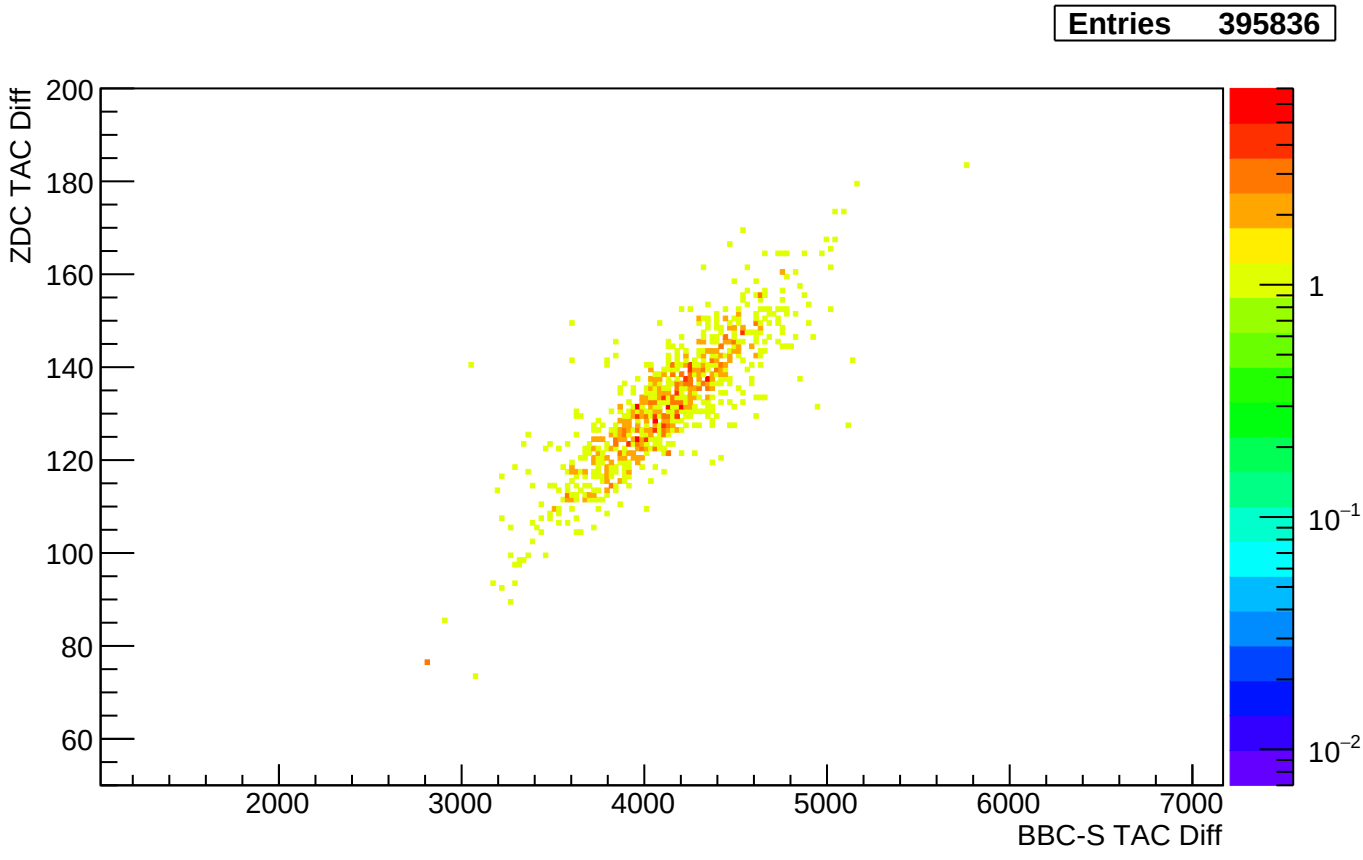

Entries 395836
TOF-Mult
EPD-West Hit Cnt

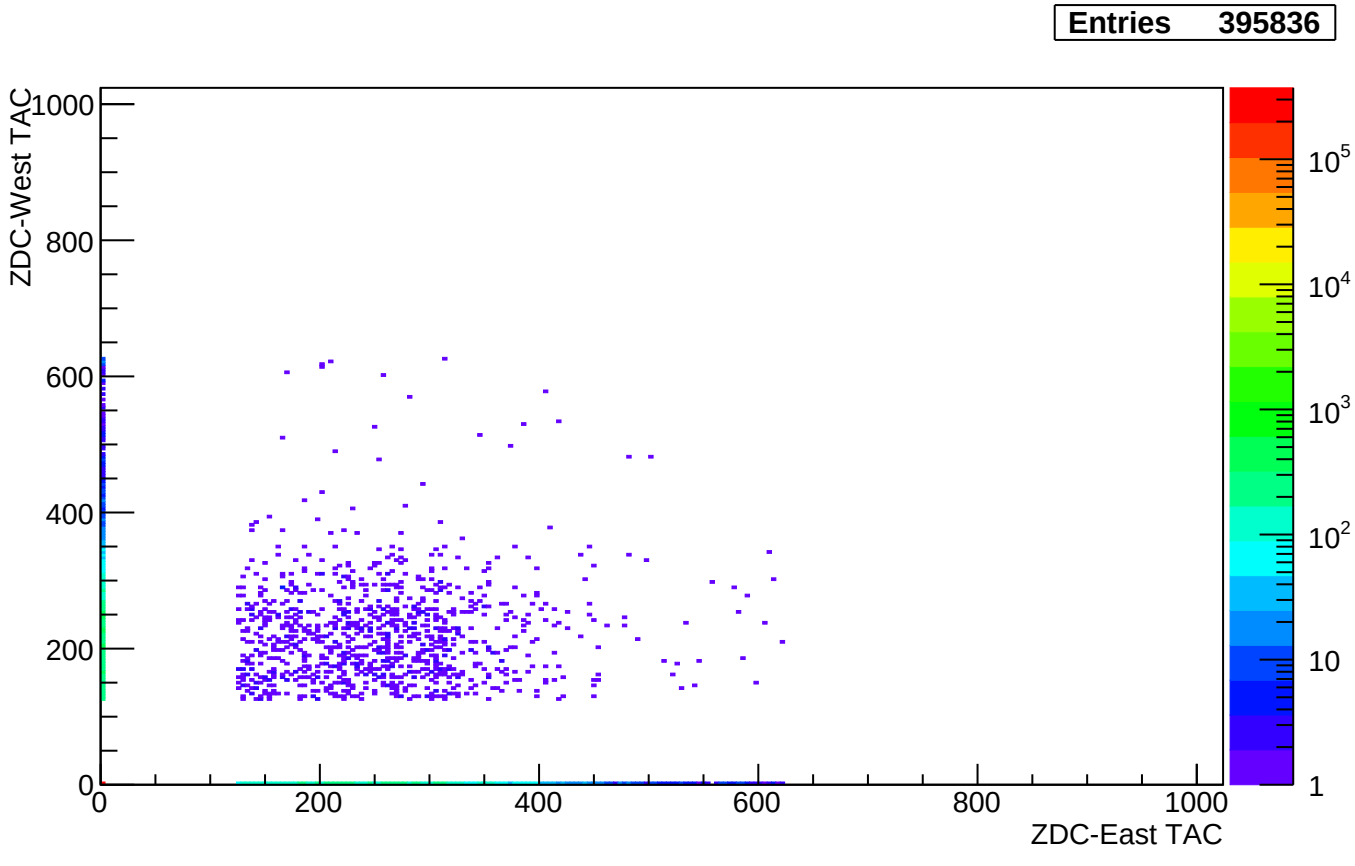

Entries 395836
TOF-Mult
VPD-East ADC Sum

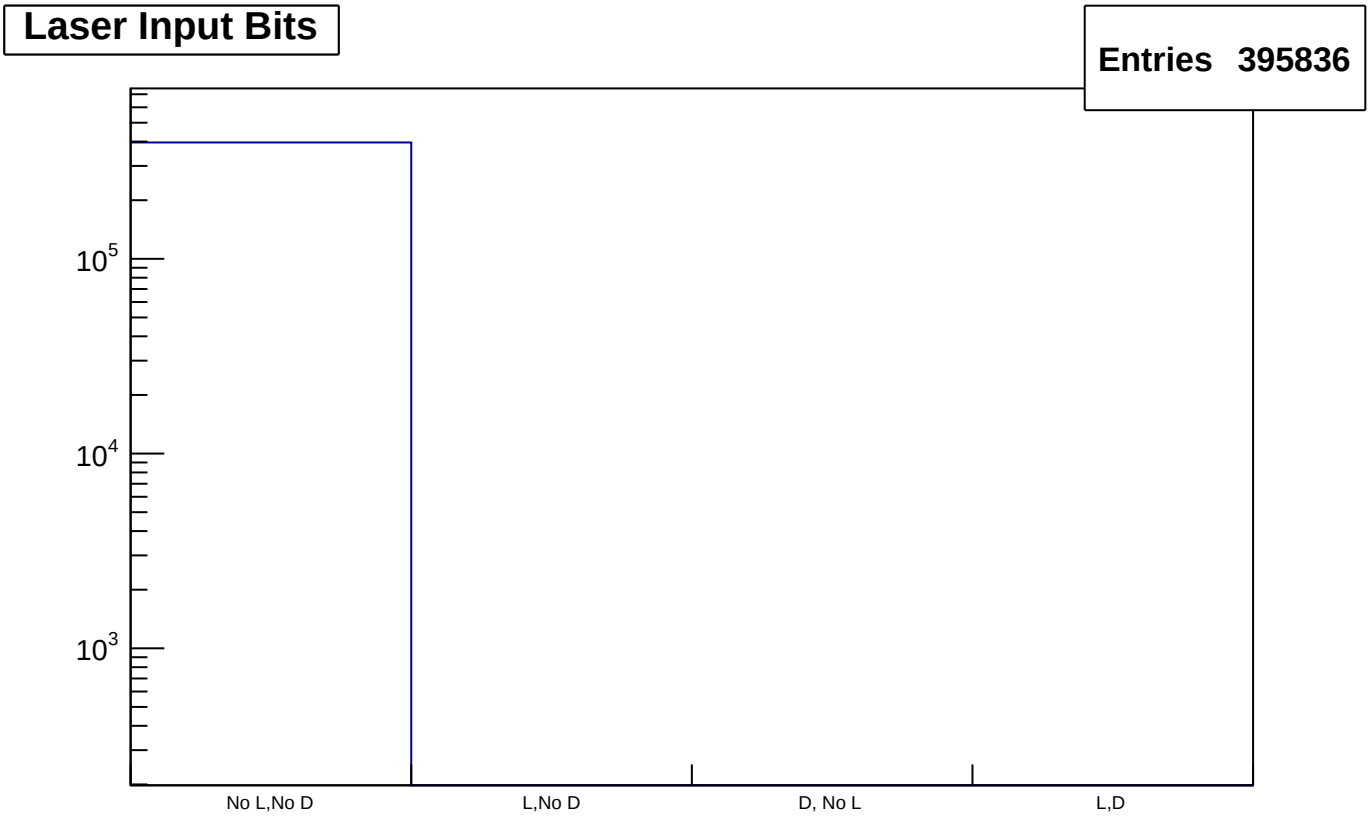

Entries 395836
TOF-Mult
VPD-West ADC Sum

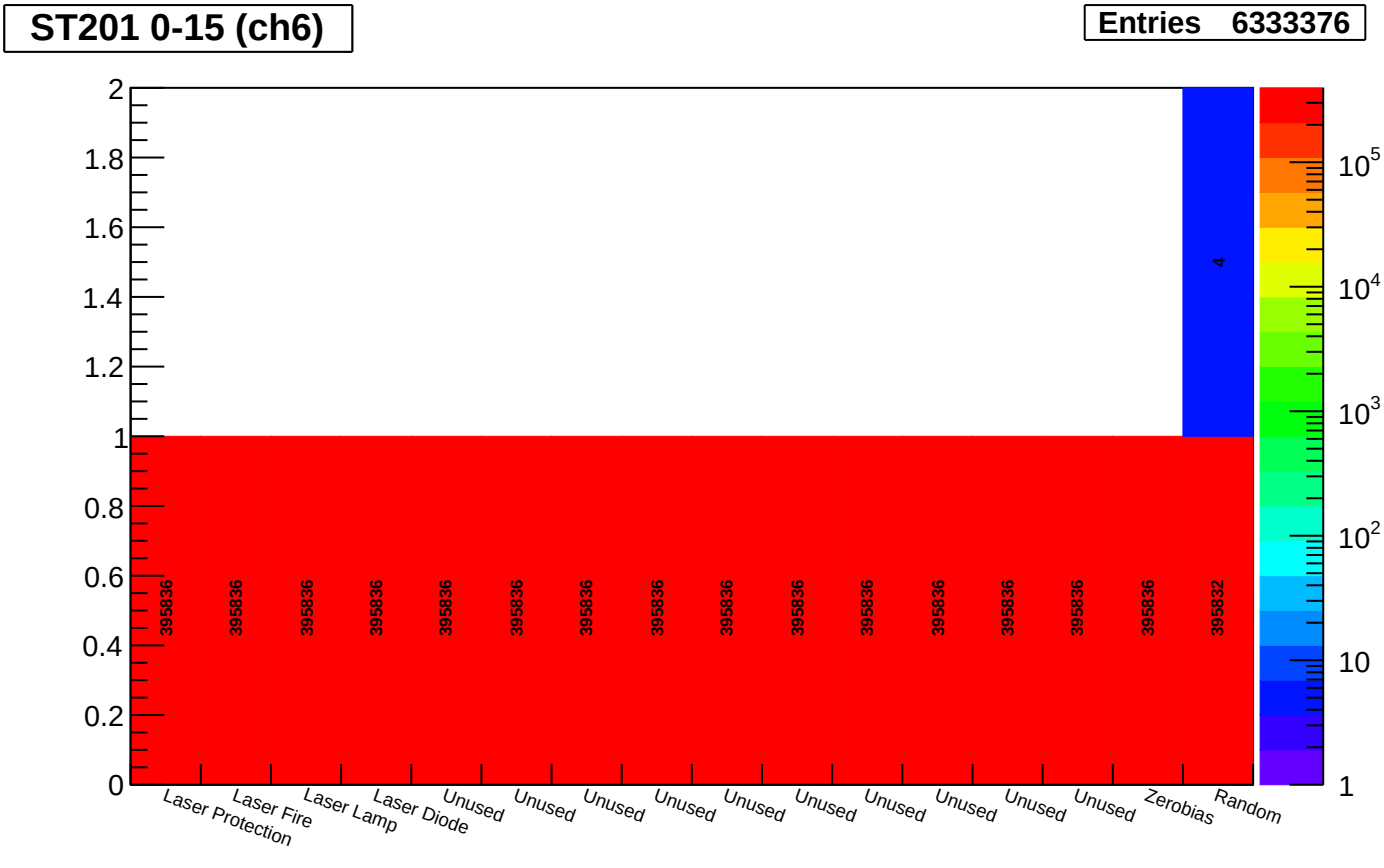

Entries 395836
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

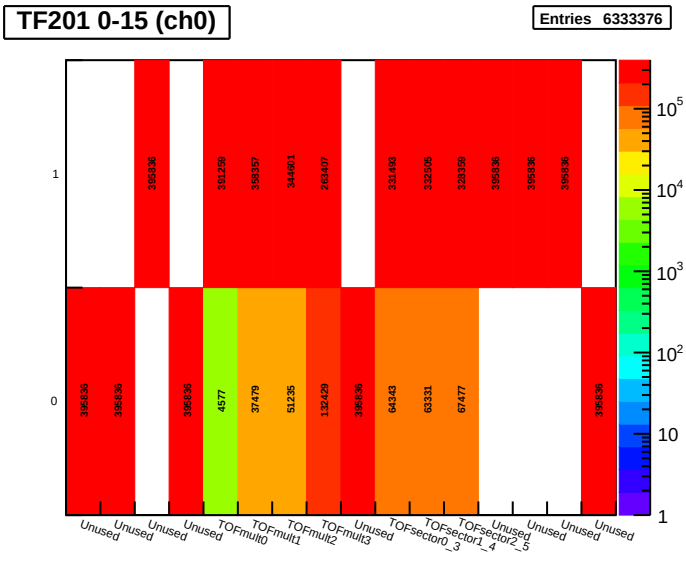

Entries 395836
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

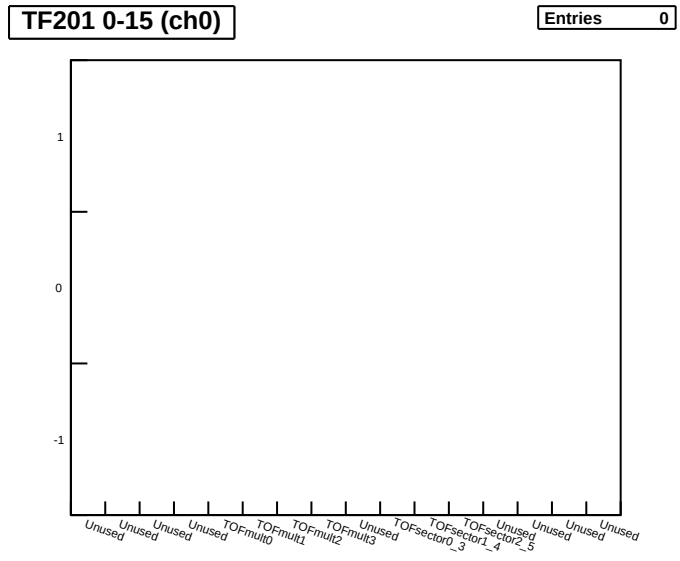

Entries 395836
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

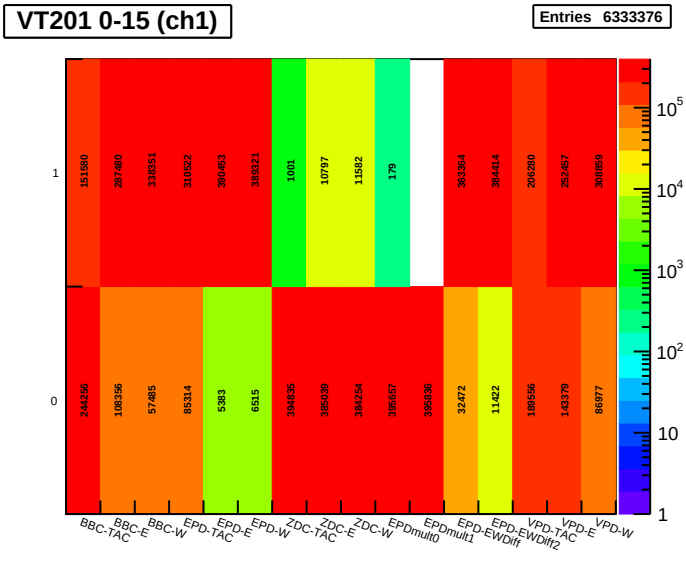

Entries 395836
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

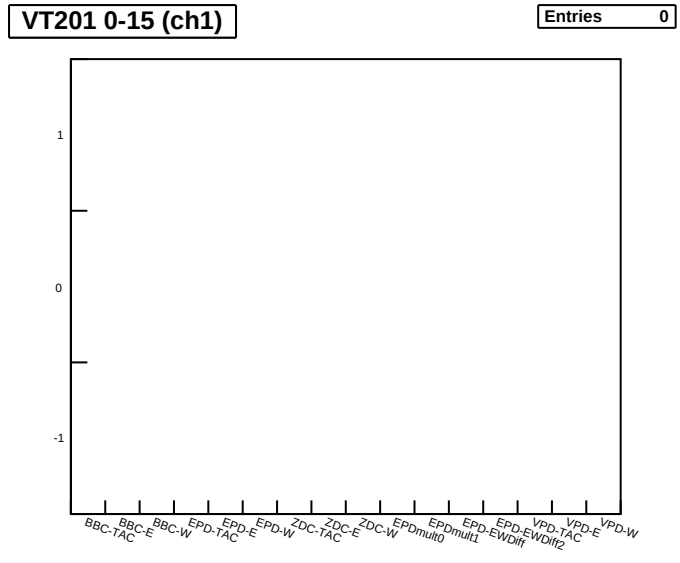

Laser Input Bits
Entries 395836
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

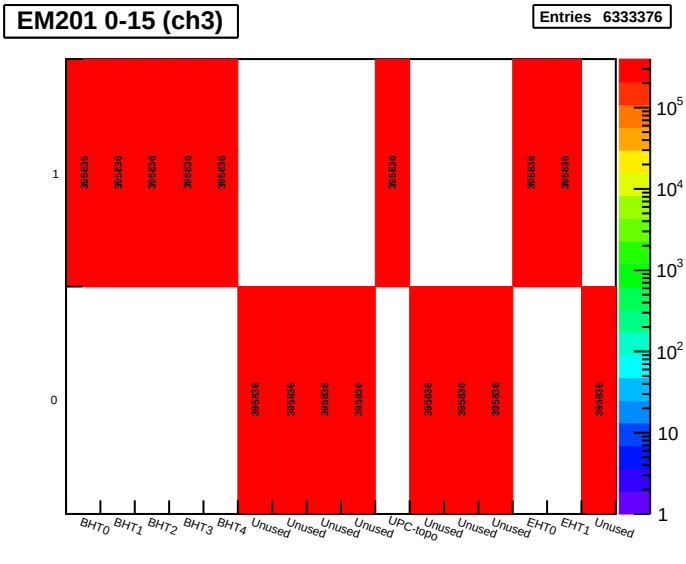

ST201 0-15 (ch6)
Entries 6333376
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395836
395832
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

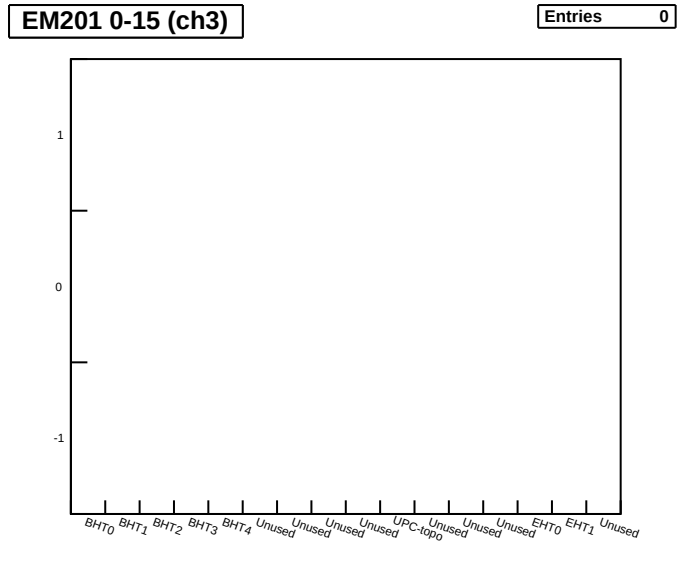

TF201 0-15 (ch0)
Entries 6333376
1
0
395836 395836 395836 395836 301259 338357 344601 263407 331493 332505 328359 395836 395836 395836
395836 395836 395836 4577 37479 51235 132429 395836 64343 63331 67477 395836
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6333376
1
0
151580 287480 338351 310522 390453 389321 1001 10797 11562 179 363364 384414 206280 252457 308859
244256 108356 57485 85314 5383 6515 394835 388039 394254 395657 395836 32472 11422 188556 143379 86977
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 6333376
1
0
395836 395836 395836 395836 395836 395836 395836 395836 395836
395836 395836 395836 395836 395836 395836 395836 395836
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