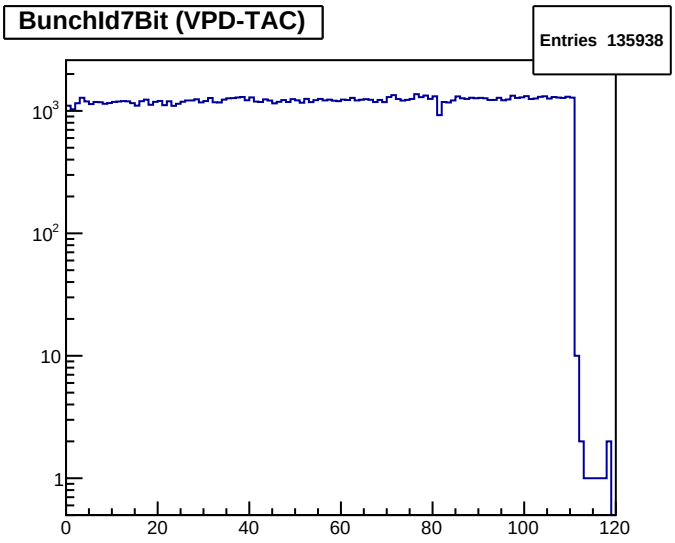
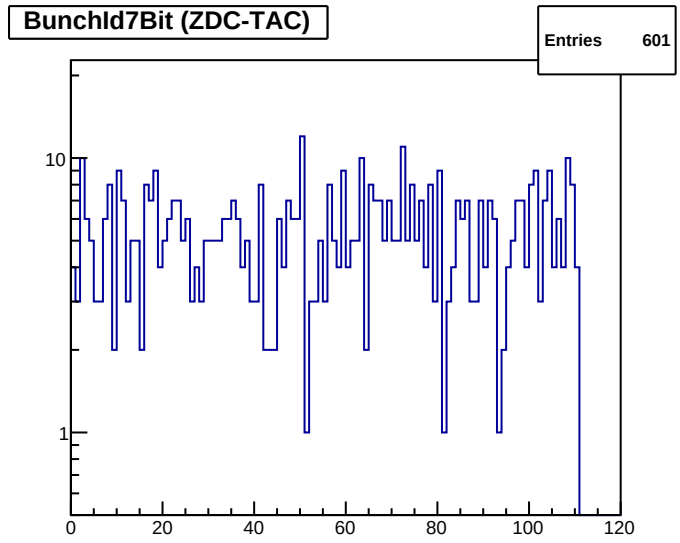
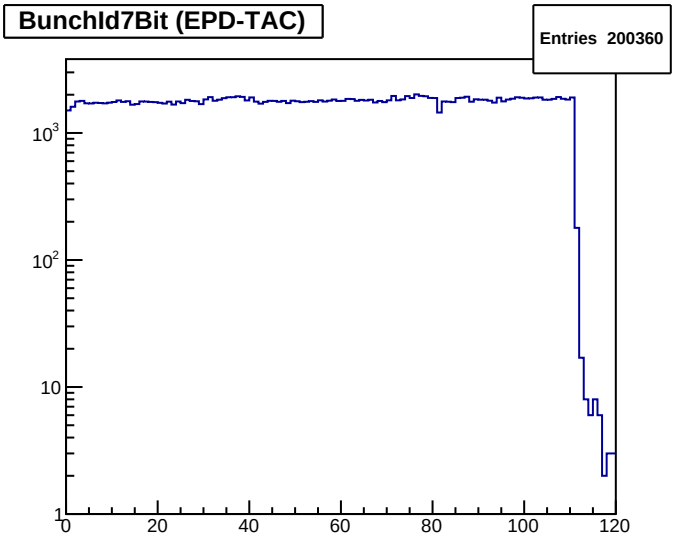
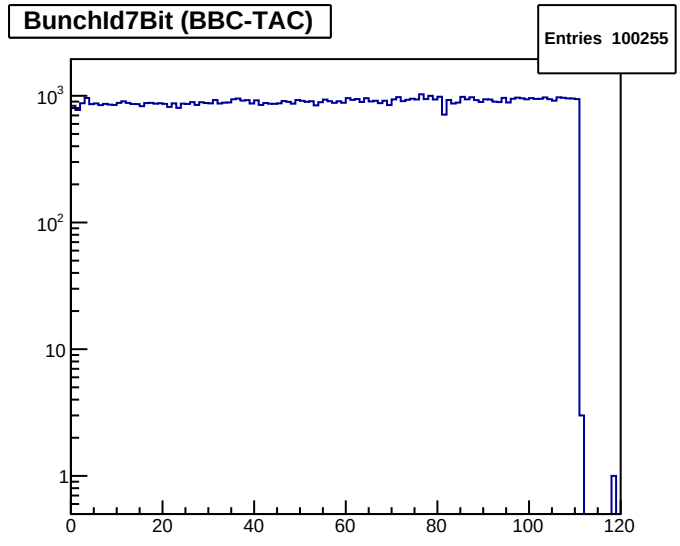
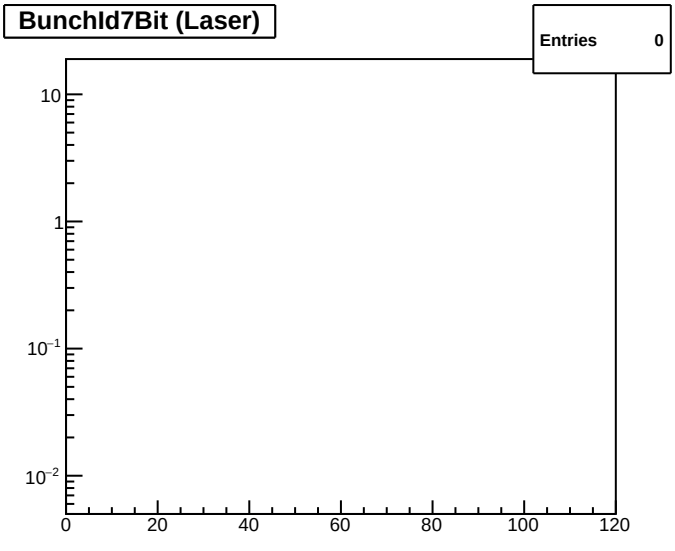
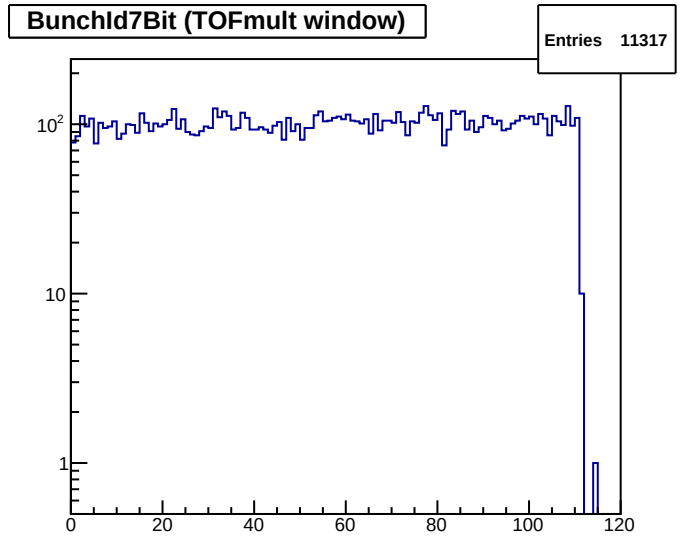

BunchId7Bit (VPD-TAC)
Entries 135938

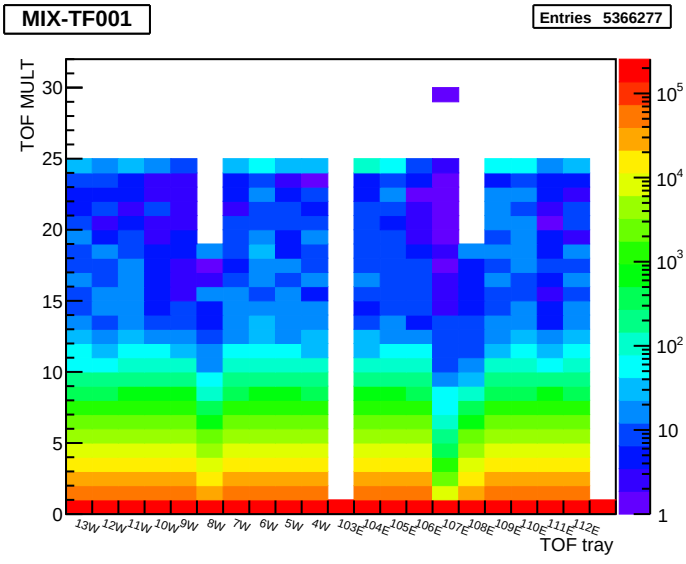

BunchId7Bit (ZDC-TAC)
Entries 601

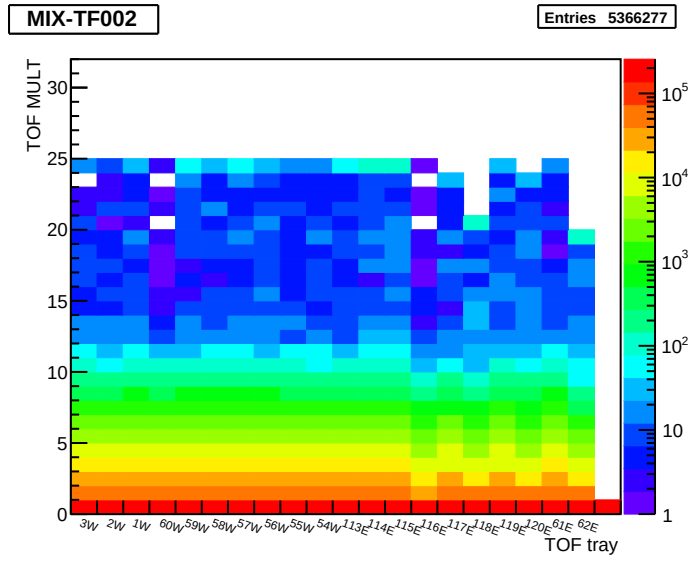

BunchId7Bit (EPD-TAC)
Entries 200360

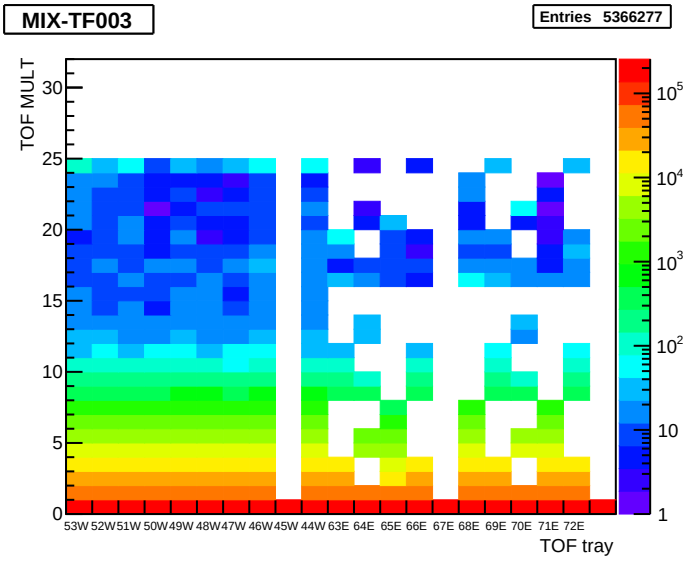

BunchId7Bit (BBC-TAC)
Entries 100255

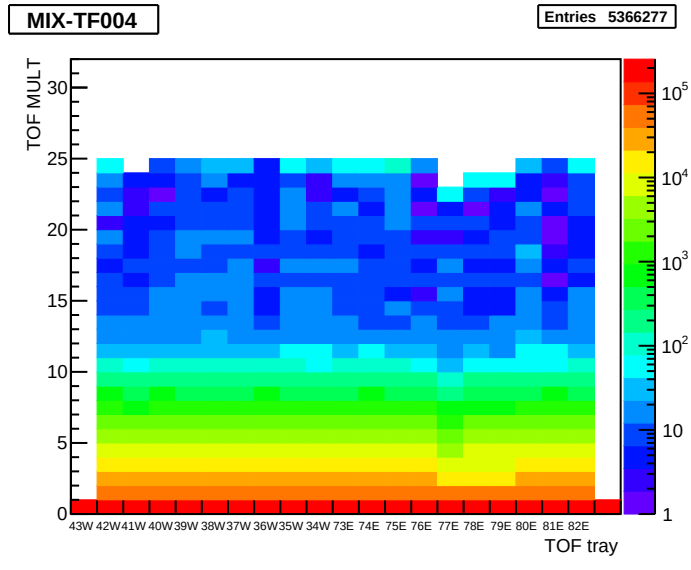

BunchId7Bit (Laser)
Entries 0

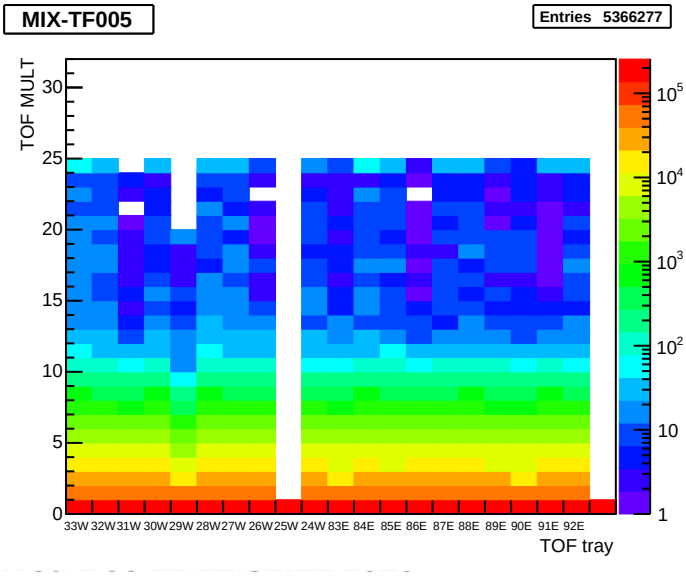

BunchId7Bit (TOFmult window)
Entries 11317

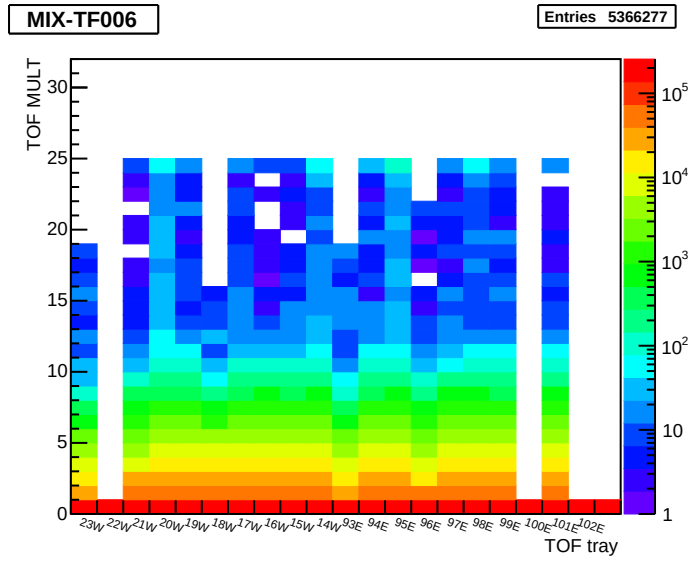

MIX-TF001
Entries 5366277
TOF MULT
TOF tray

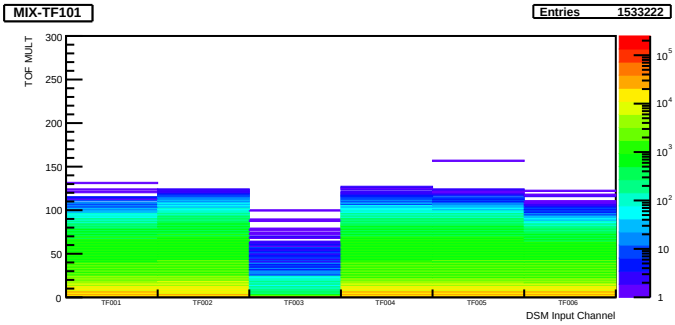

MIX-TF002
Entries 5366277
TOF MULT
TOF tray

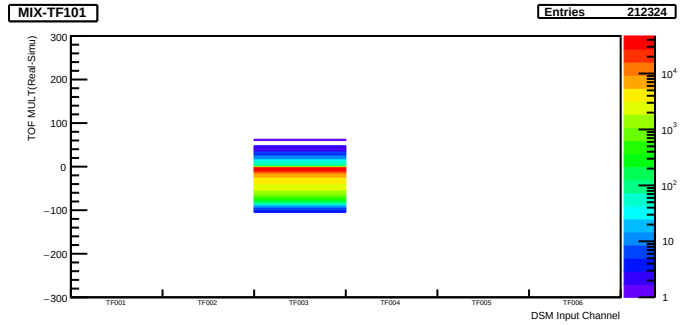

MIX-TF003
Entries 5366277
TOF MULT
TOF tray

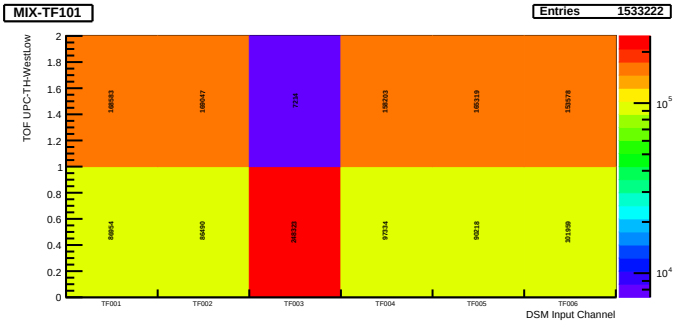

MIX-TF004
Entries 5366277
TOF MULT
TOF tray

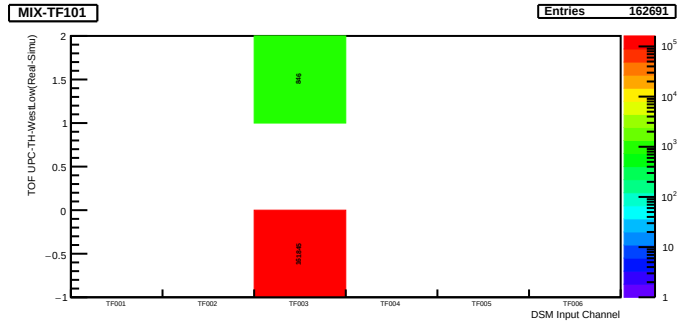

MIX-TF005
Entries 5366277
TOF MULT
TOF tray

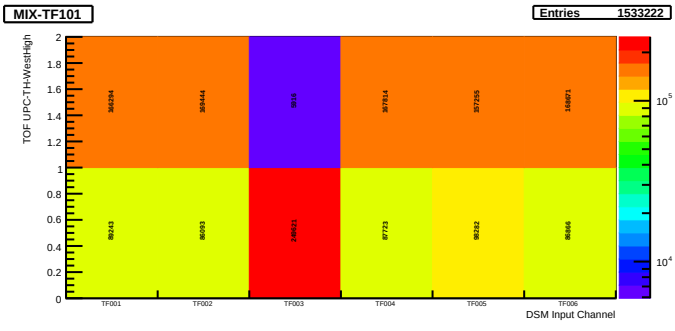

MIX-TF006
Entries 5366277
TOF MULT
TOF tray

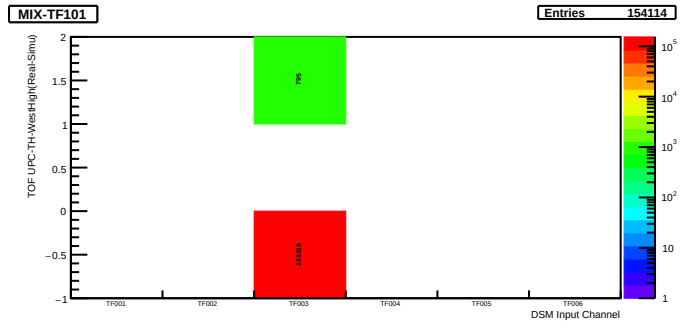

MIX-TF101
Entries 1533222
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

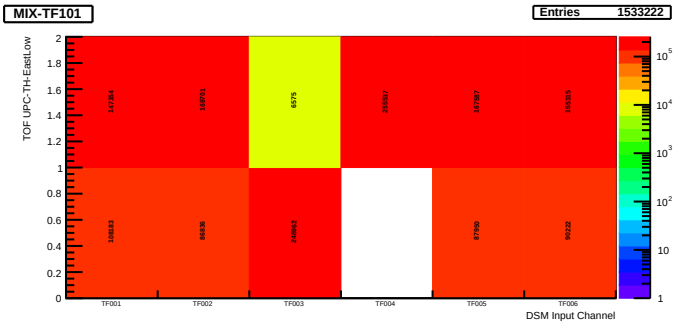

MIX-TF101
Entries 212324
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

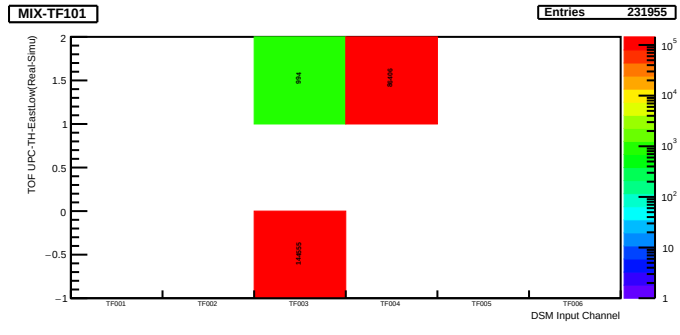

MIX-TF101
Entries 1533222
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

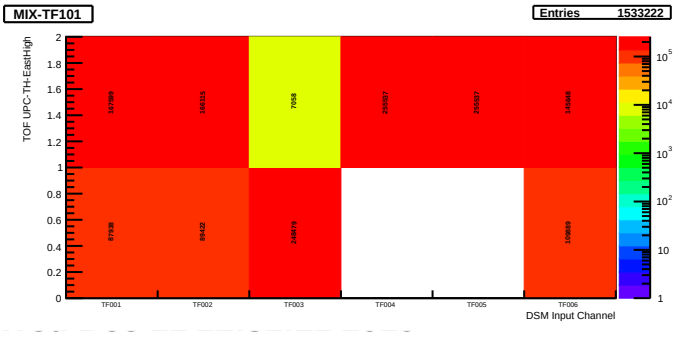

MIX-TF101
Entries 162691
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

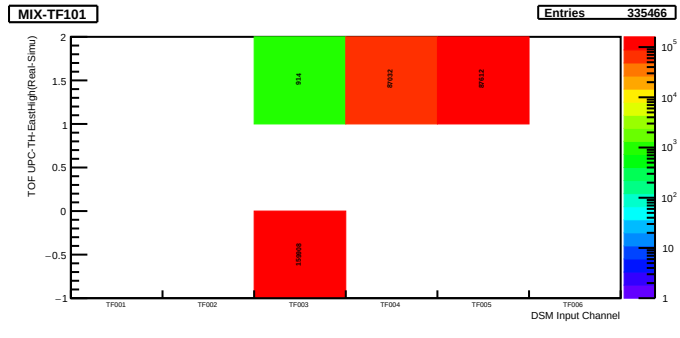

MIX-TF101
Entries 1533222
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

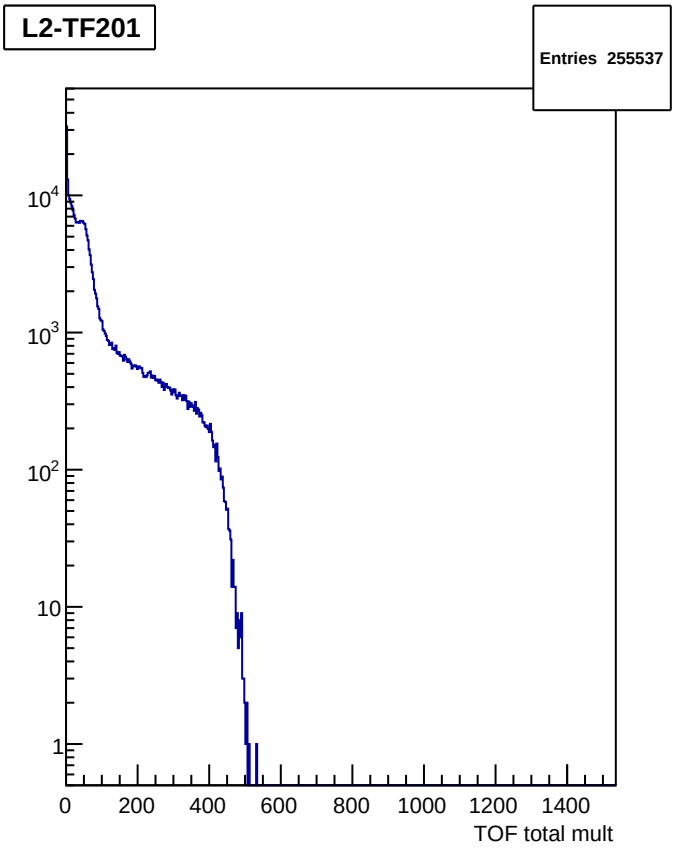

MIX-TF101
Entries 154114
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

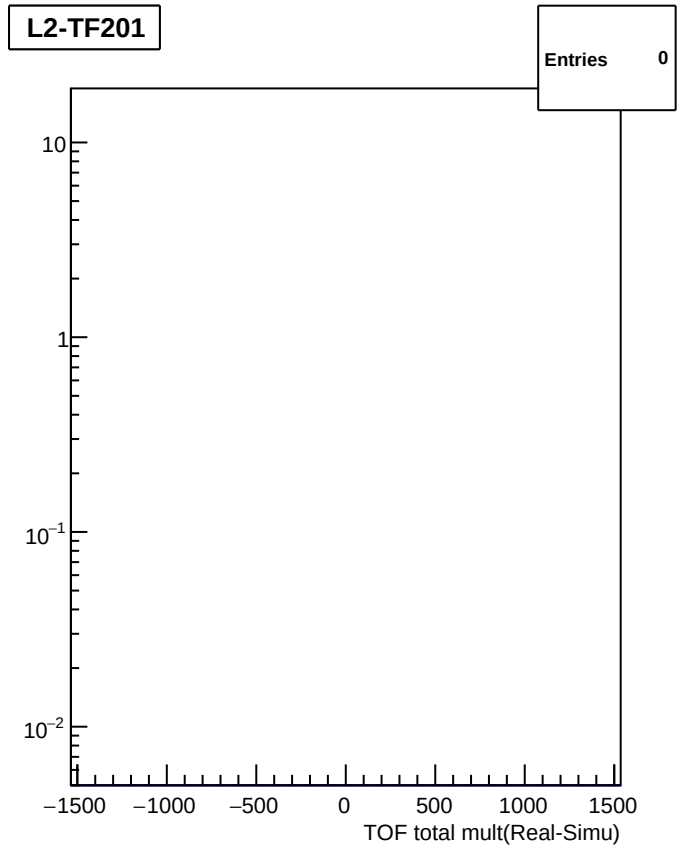

MIX-TF101
Entries 1533222
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

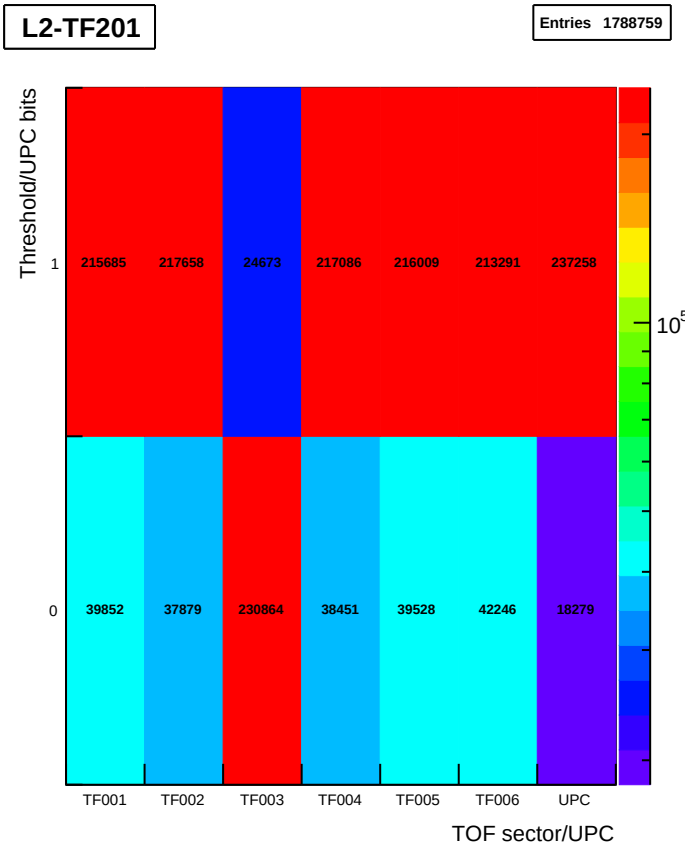

MIX-TF101
Entries 231955
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

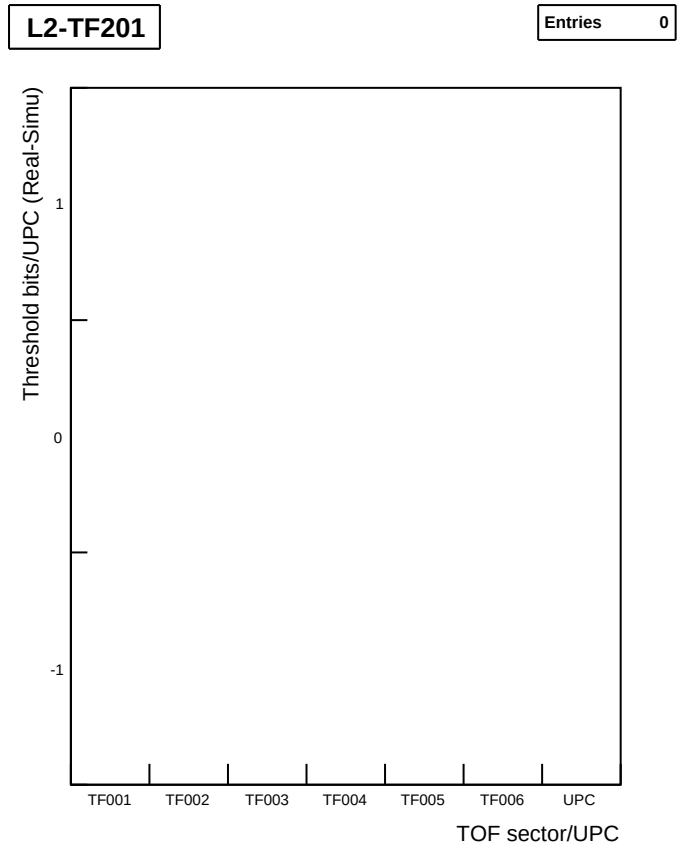

MIX-TF101
Entries 1533222
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

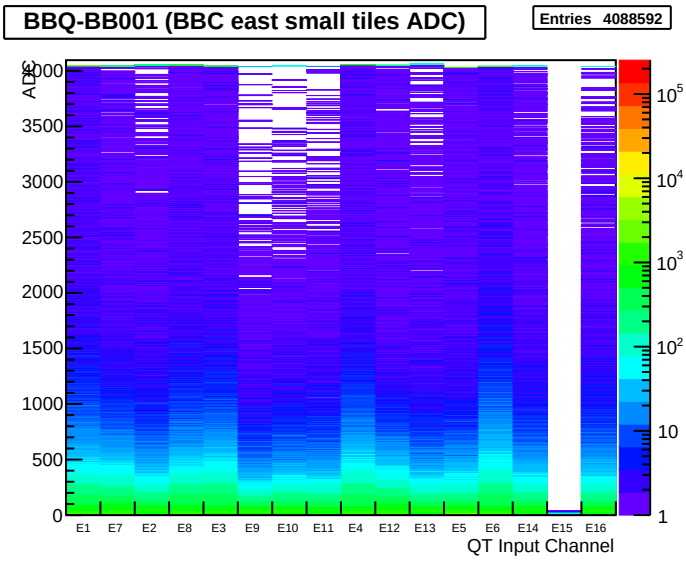

MIX-TF101
Entries 335466
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

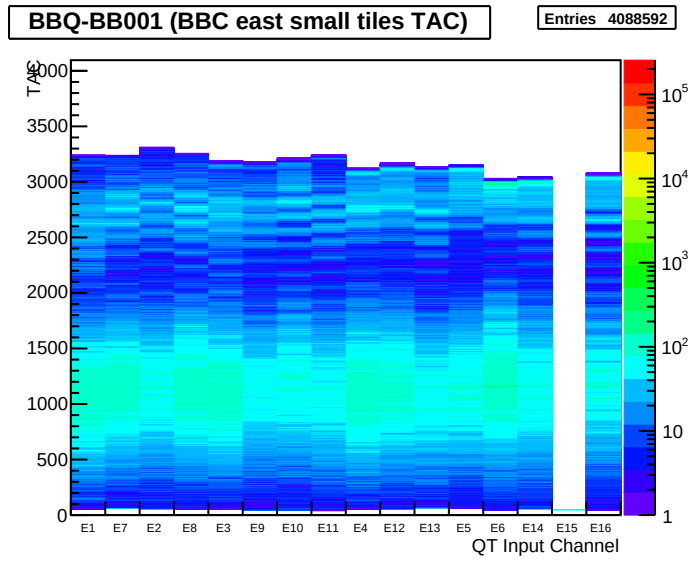

L2-TF201
Entries 255537
TOF total mult

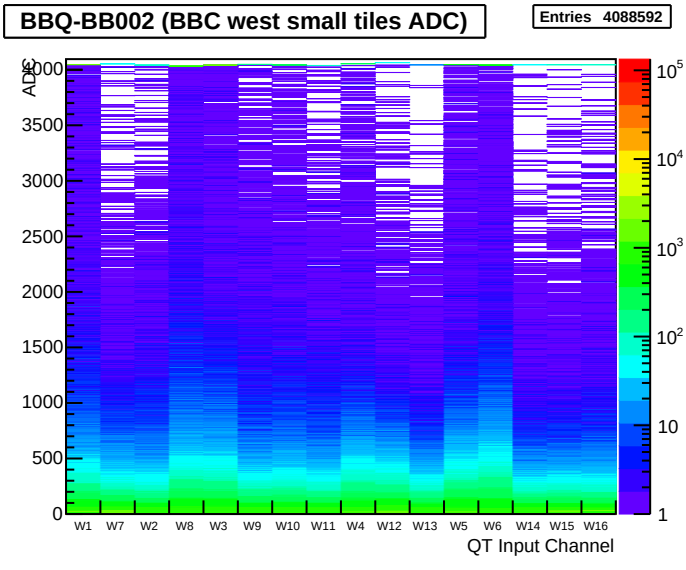

L2-TF201
Entries 0
TOF total mult(Real-Simu)

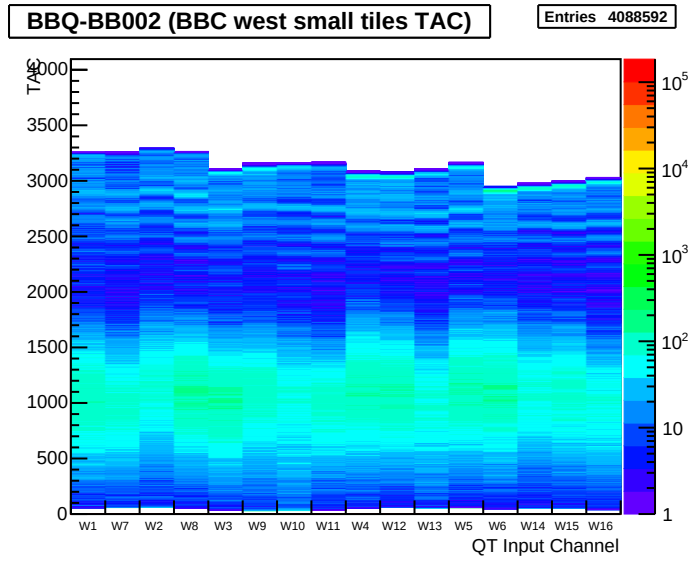

L2-TF201
Entries 1788759
Threshold/UPC bits
215685
217658
24673
217086
216009
213291
237258
39852
37879
230864
38451
39528
42246
18279
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

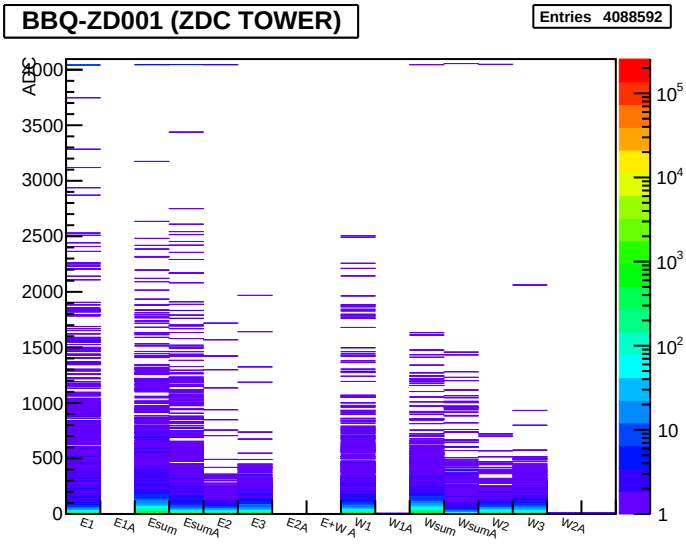

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

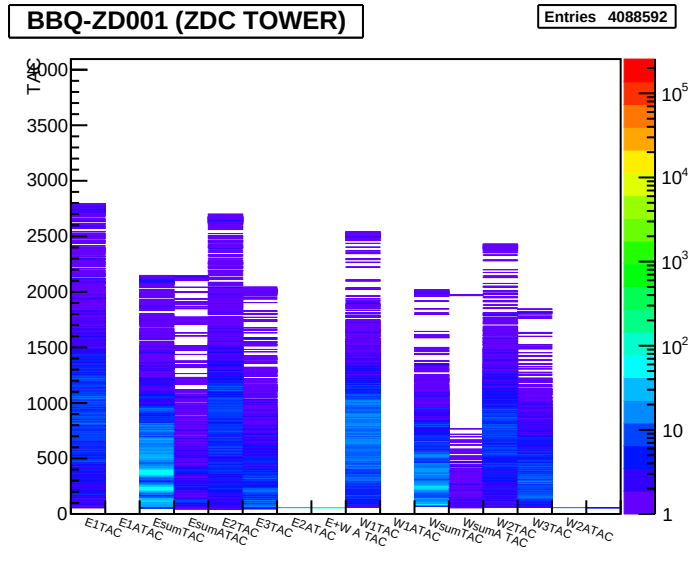

BBQ-BB001 (BBC east small tiles ADC)
Entries 4088592
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

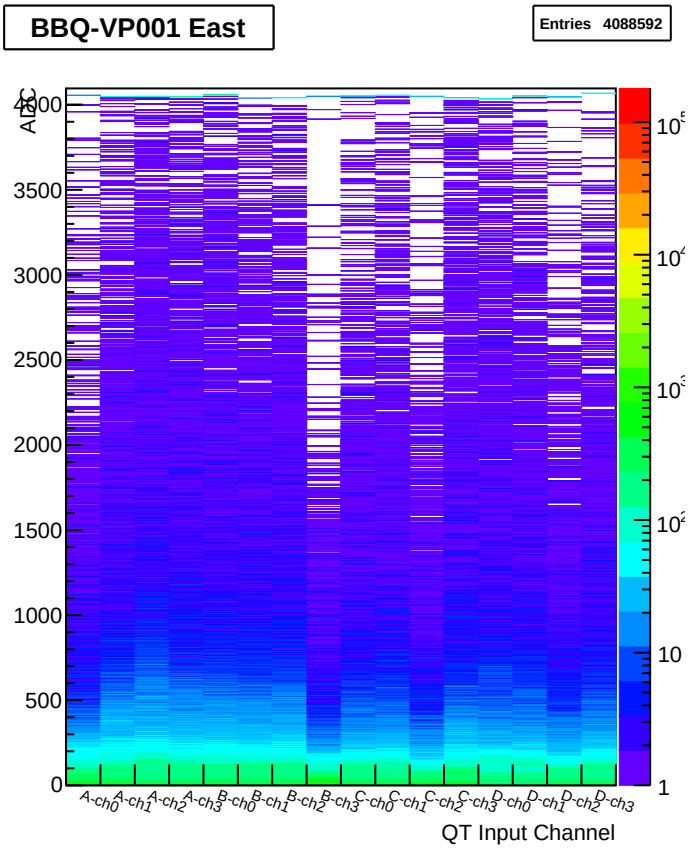

BBQ-BB001 (BBC east small tiles TAC)
Entries 4088592
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

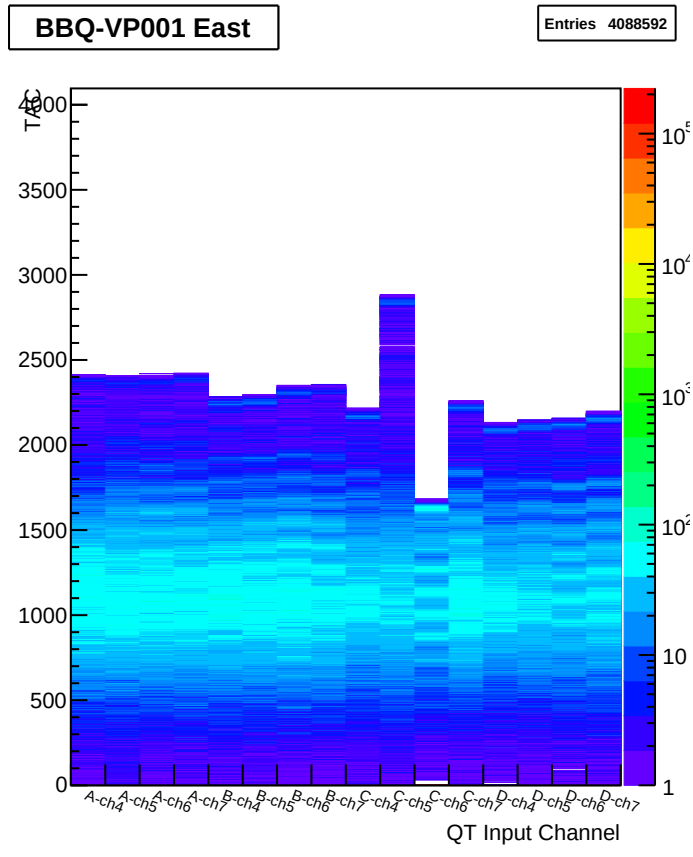

BBQ-BB002 (BBC west small tiles ADC)
Entries 4088592
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

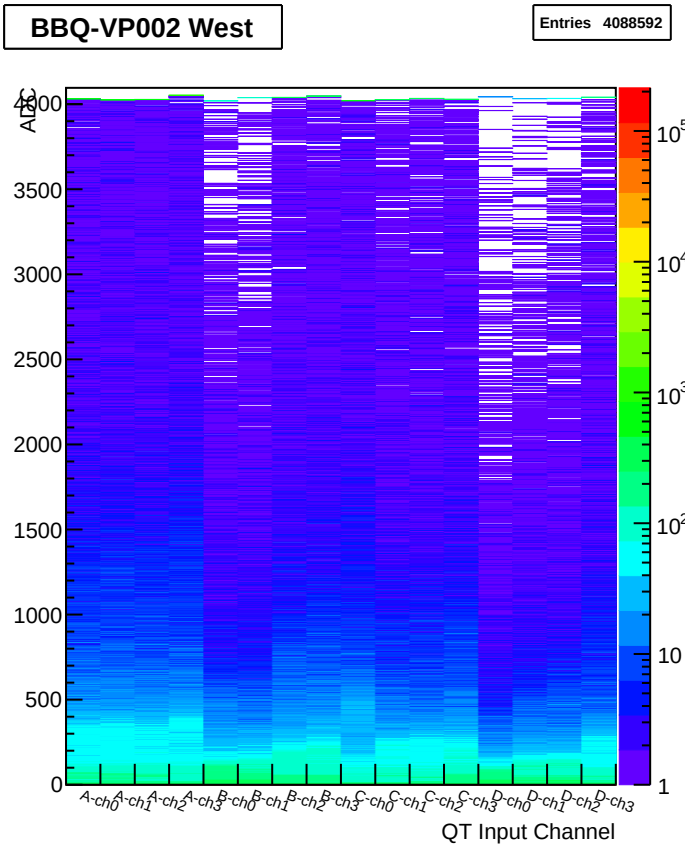

BBQ-BB002 (BBC west small tiles TAC)
Entries 4088592
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

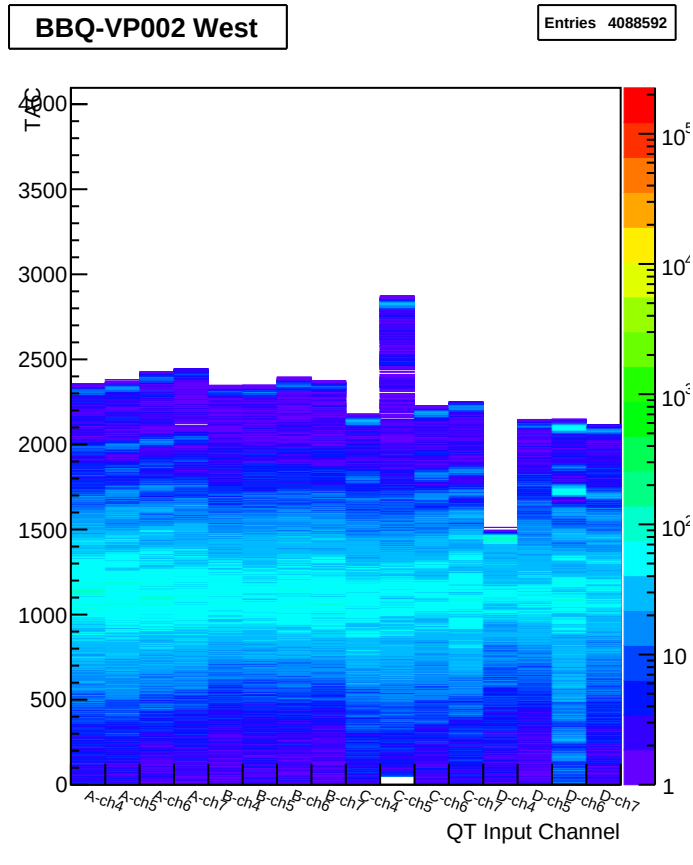

BBQ-ZD001 (ZDC TOWER)
Entries 4088592
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

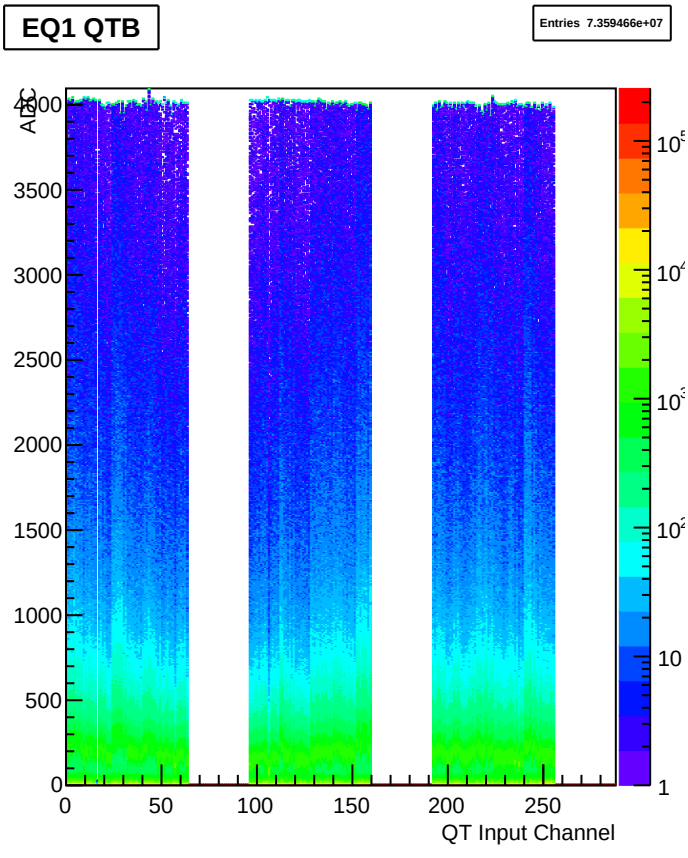

BBQ-ZD001 (ZDC TOWER)
Entries 4088592
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

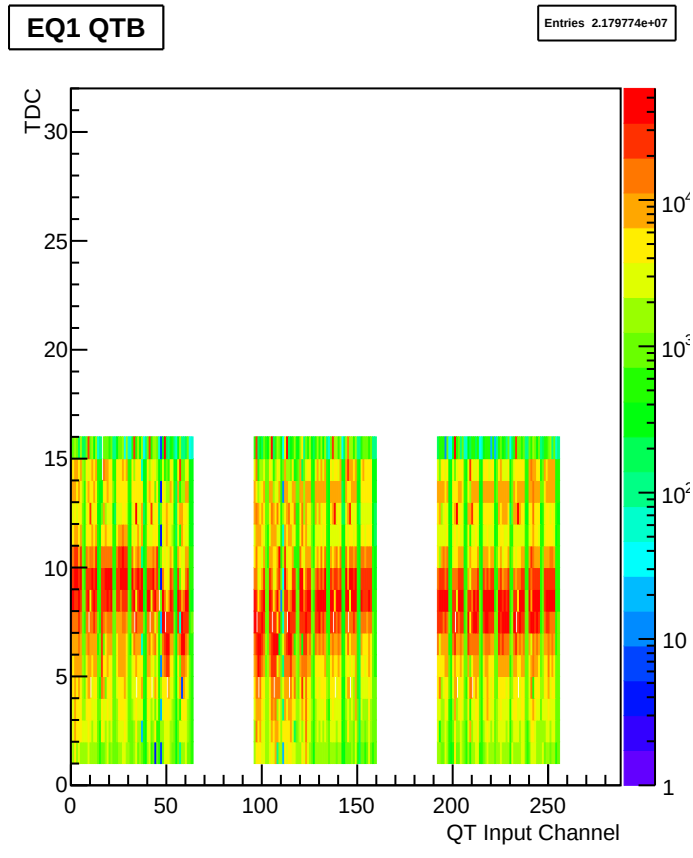

BBQ-VP001 East
Entries 4088592
ADC
QT Input Channel

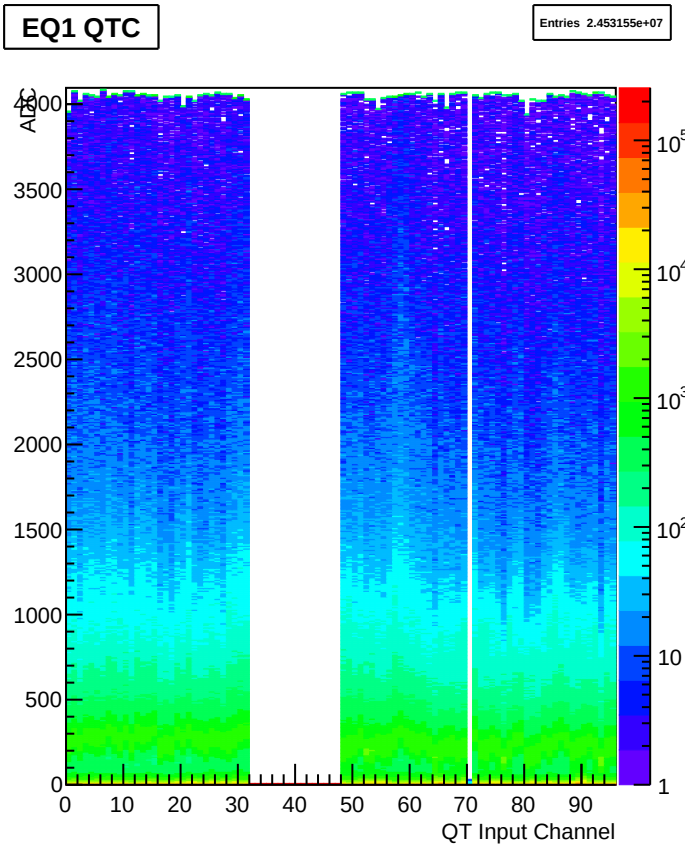

BBQ-VP001 East
Entries 4088592
TADC
QT Input Channel

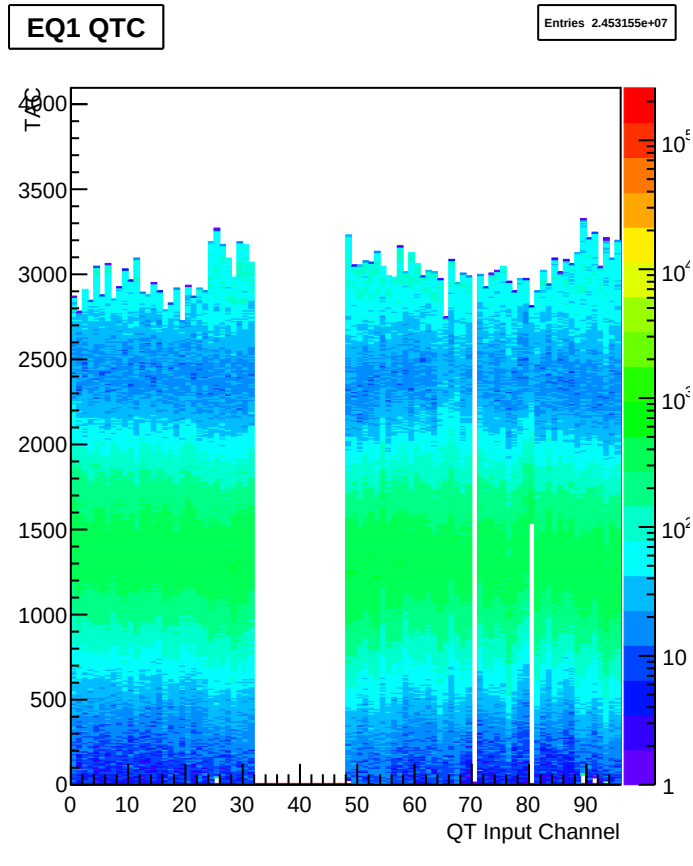

BBQ-VP002 West
Entries 4088592
ADC
QT Input Channel

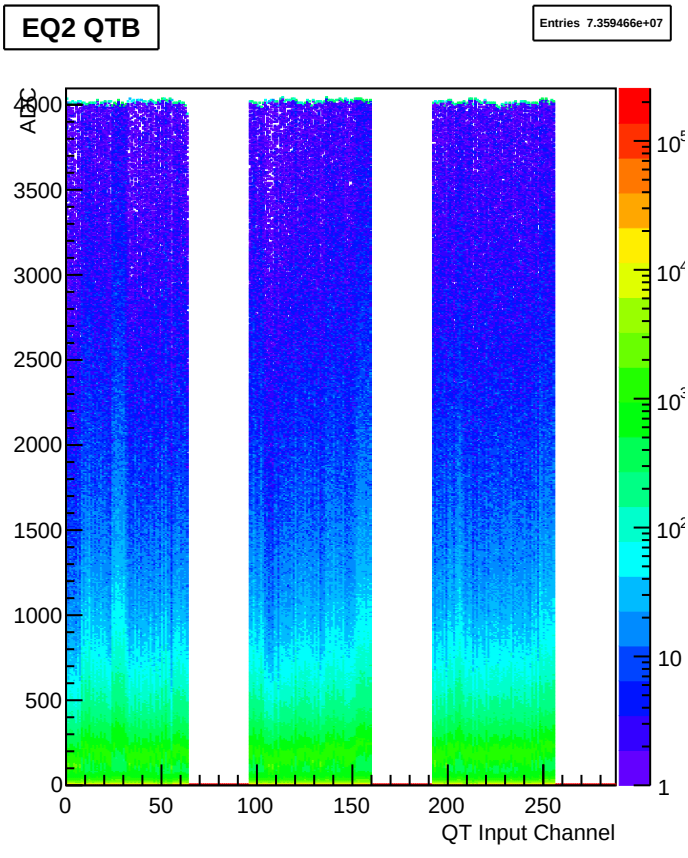

BBQ-VP002 West
Entries 4088592
TADC
QT Input Channel

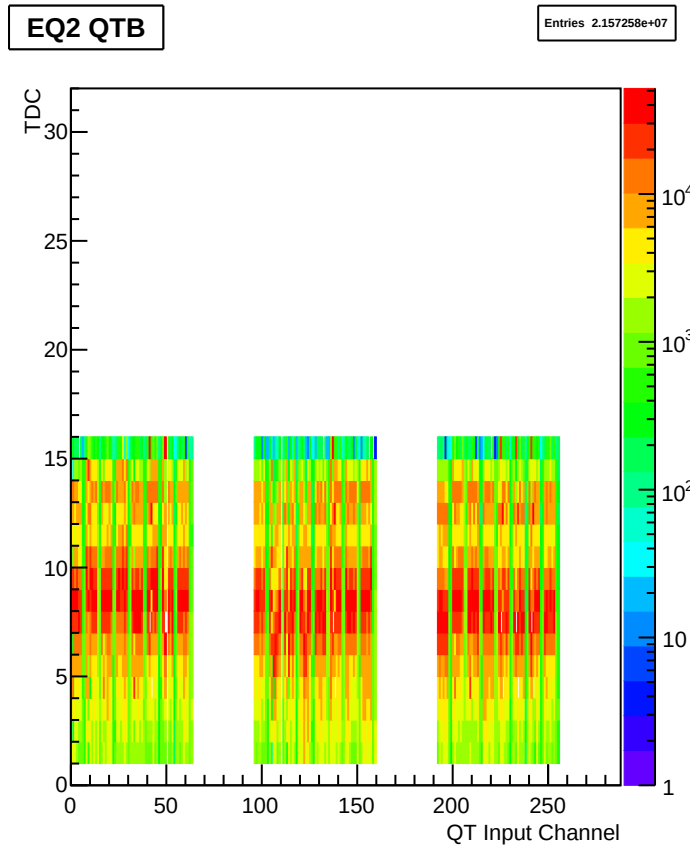

EQ1 QTB
Entries 7.359466e+07
ADC
QT Input Channel

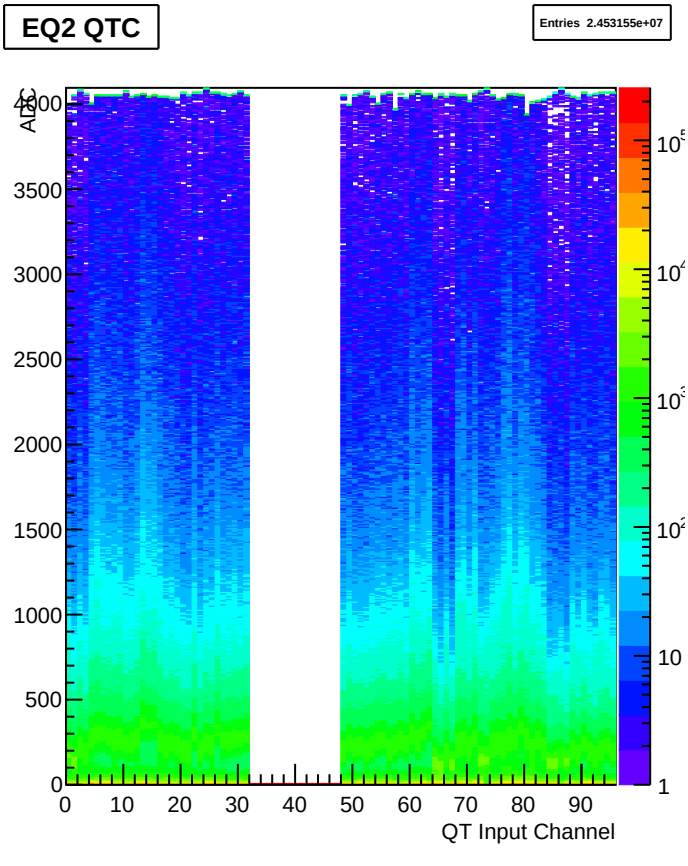

EQ1 QTB
Entries 2.179774e+07
TDC
QT Input Channel

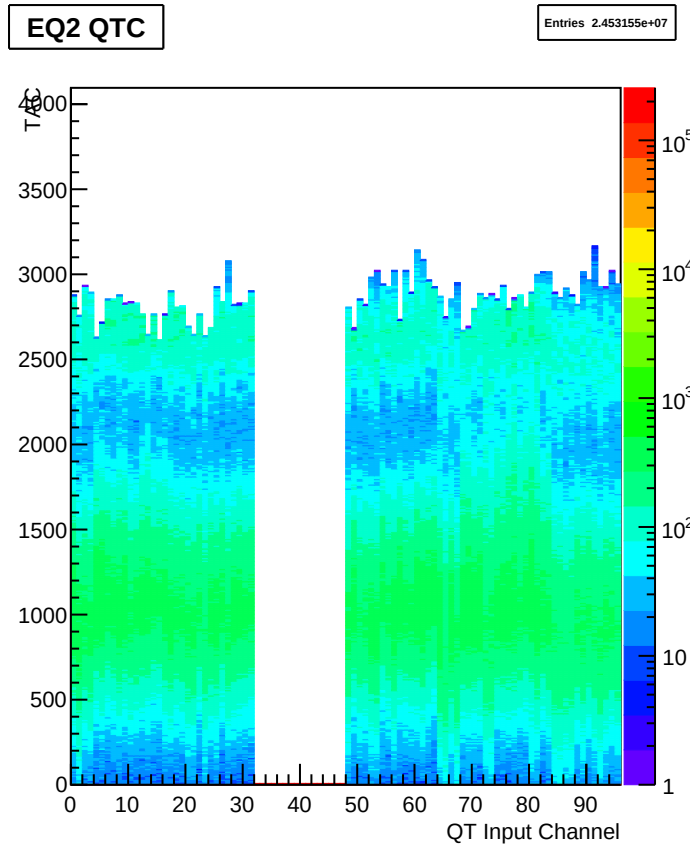

EQ1 QTC
Entries 2.453155e+07
ADC
QT Input Channel

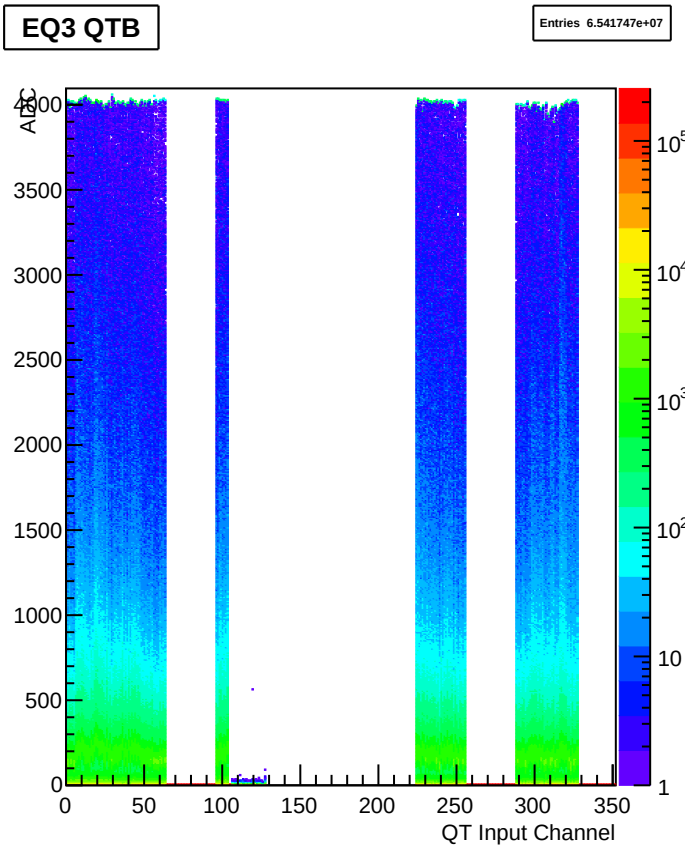

EQ1 QTC
Entries 2.453155e+07
TADC
QT Input Channel

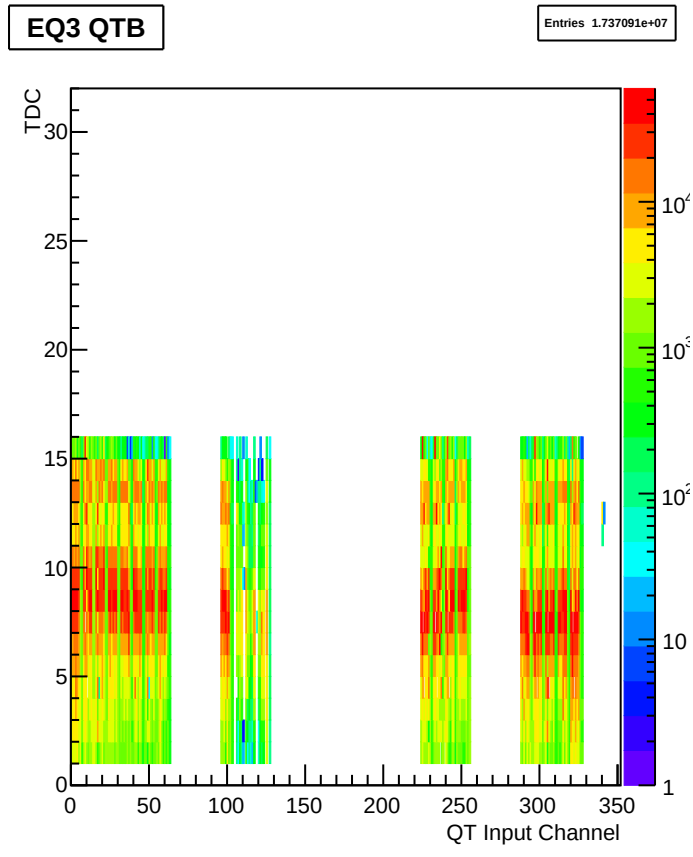

EQ2 QTB
Entries 7.359466e+07
ADC
QT Input Channel

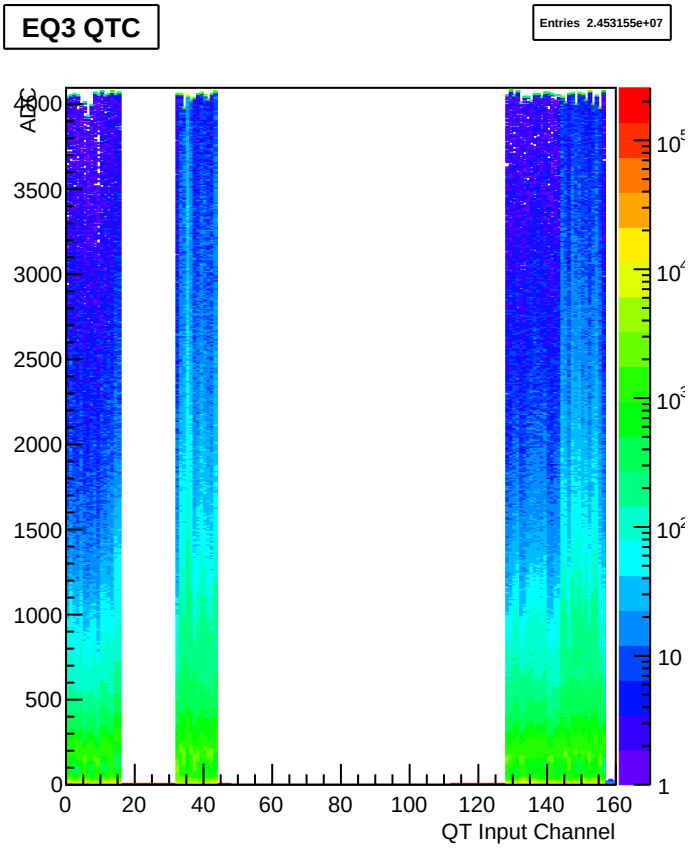

EQ2 QTB
Entries 2.157258e+07
TDC
QT Input Channel

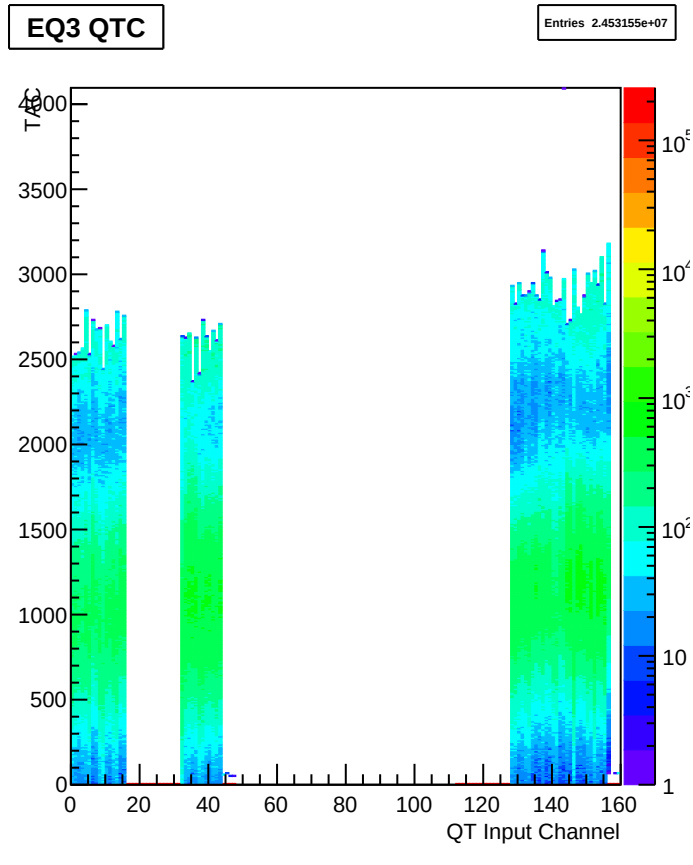

EQ2 QTC
Entries 2.453155e+07
ADC
QT Input Channel

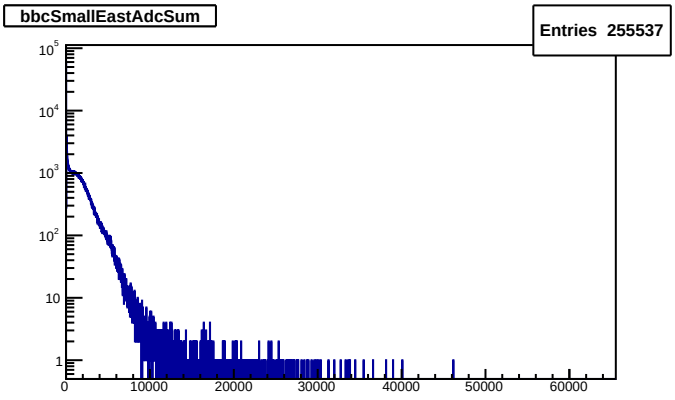

EQ2 QTC
Entries 2.453155e+07
TADC
QT Input Channel

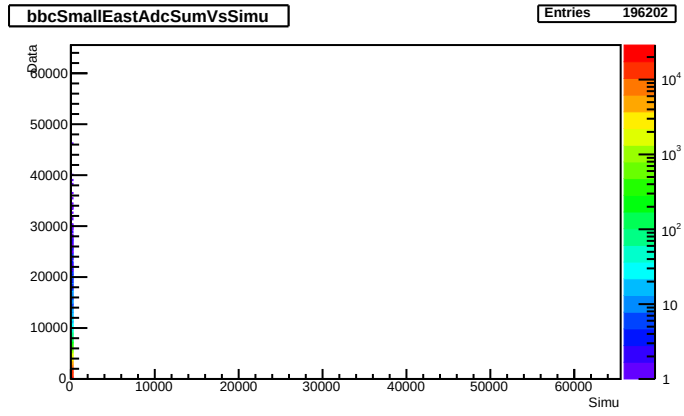

EQ3 QTB
Entries 6.541747e+07
ADC
QT Input Channel

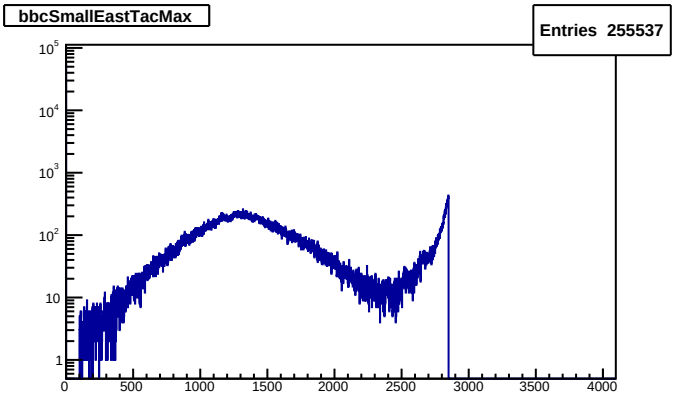

EQ3 QTB
Entries 1.737091e+07
TDC
QT Input Channel

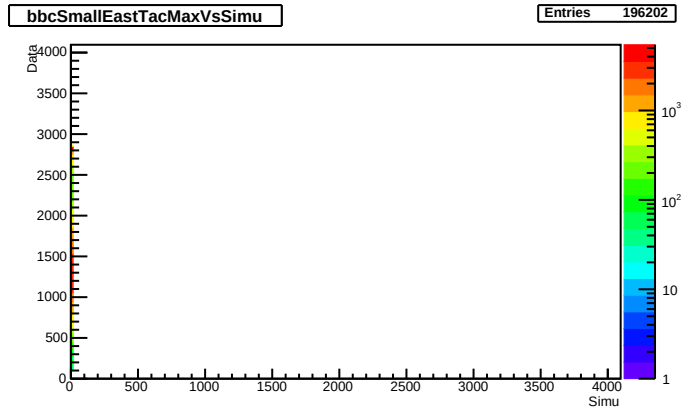

EQ3 QTC
Entries 2.453155e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.453155e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 255537


bbcSmallEastAdcSumVsSimu
Entries 196202
Data
Simu


bbcSmallEastTacMax
Entries 255537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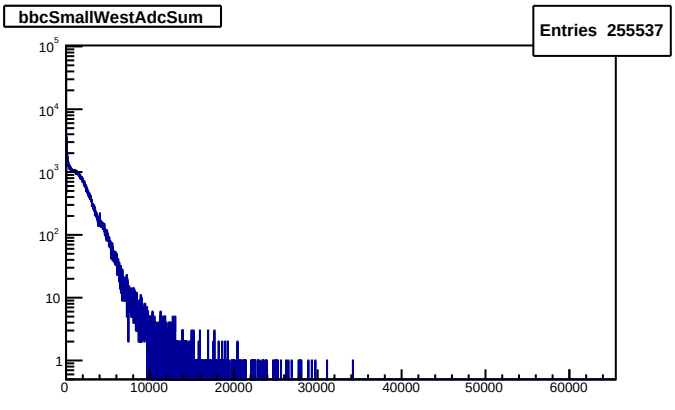
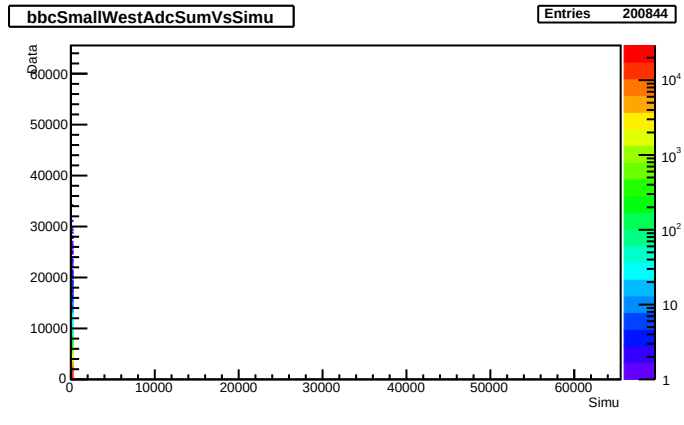
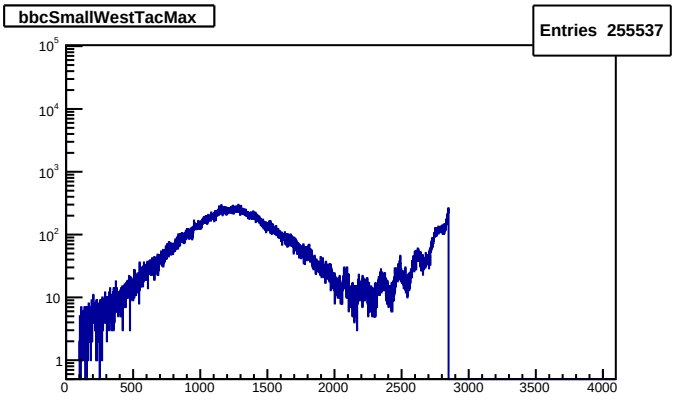
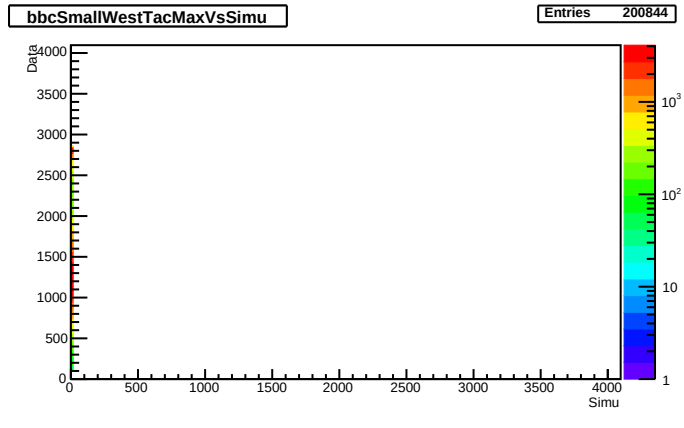
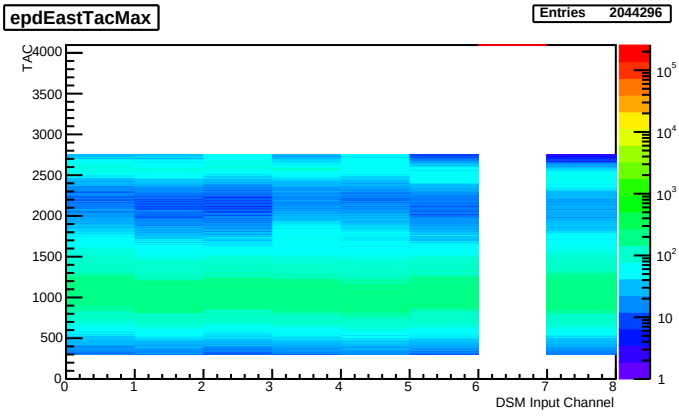
Entries 196202
Data
Simu

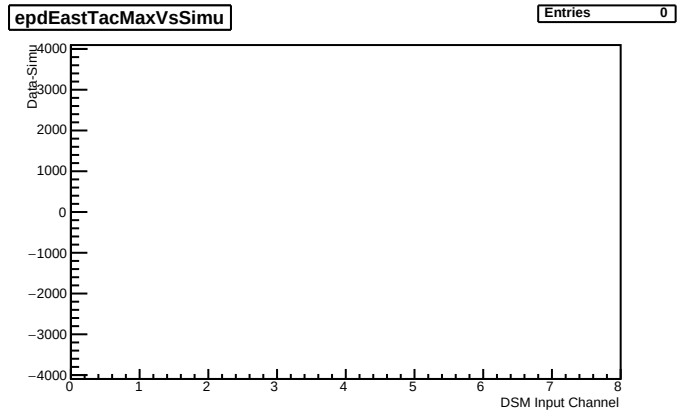

bbcSmallWestAdcSum
Entries 255537


bbcSmallWestAdcSumVsSimu
Entries 200844
Data
Simu


bbcSmallWestTacMax
Entries 255537


bbcSmallWestTacMaxVsSimu
Entries 200844
Data
Simu


epdEastTacMax
Entries 2044296
TAC
DSM Input Channel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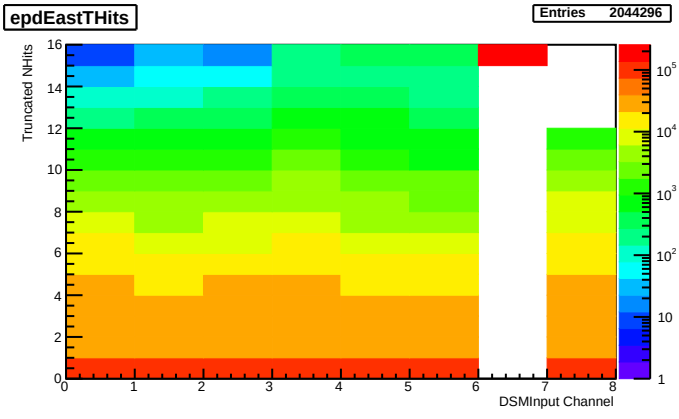
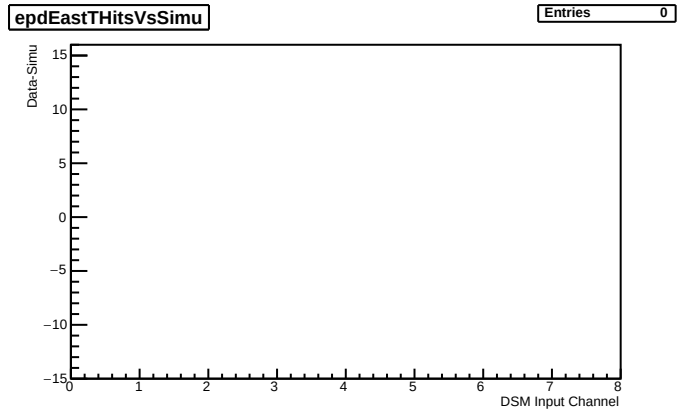
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2044296
Truncated NHits
DSMInput Channel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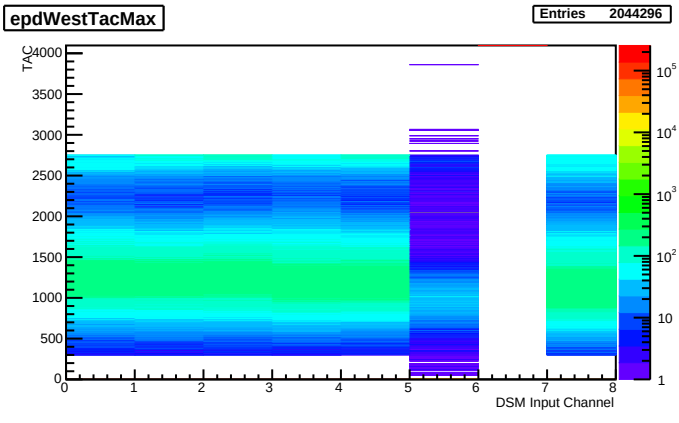
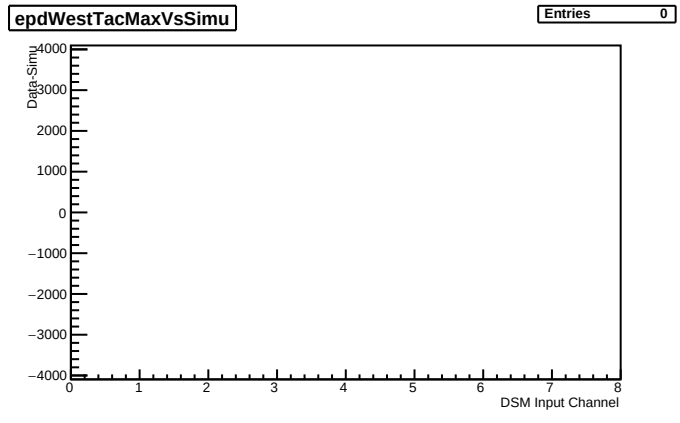
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2044296
TAC
DSM Input Channel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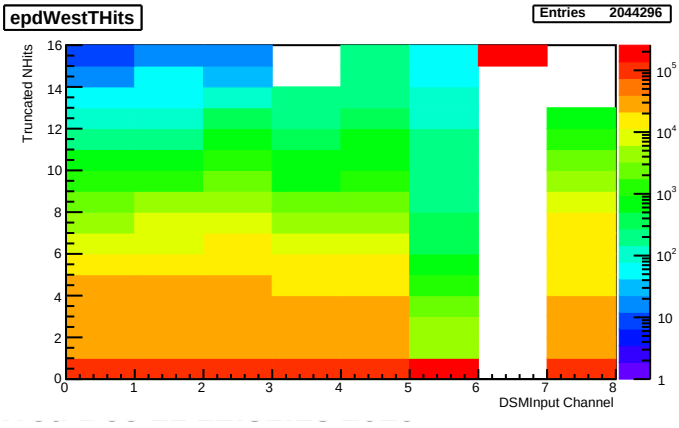
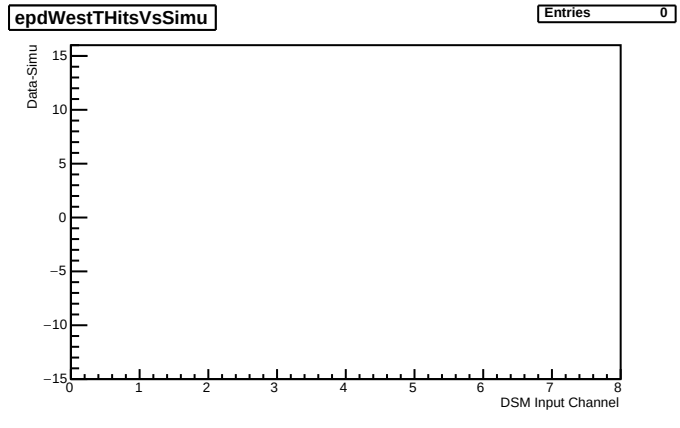
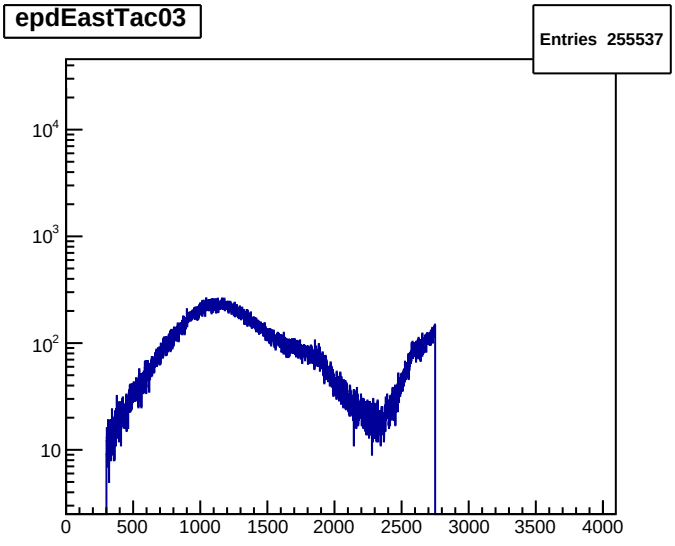
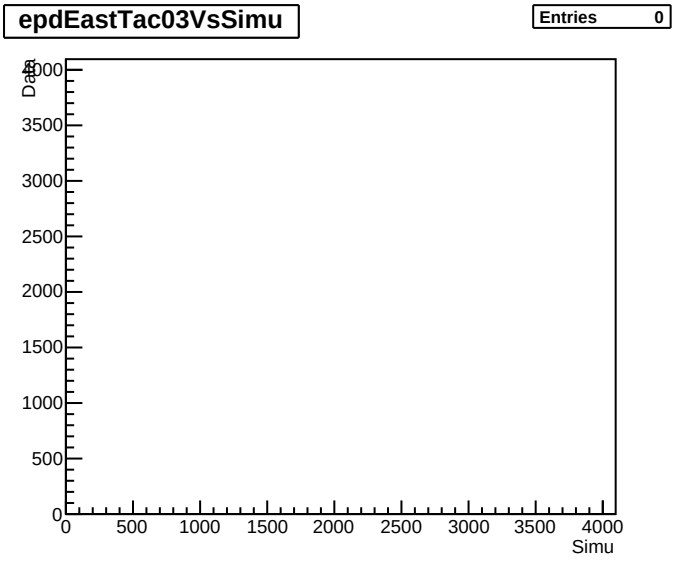
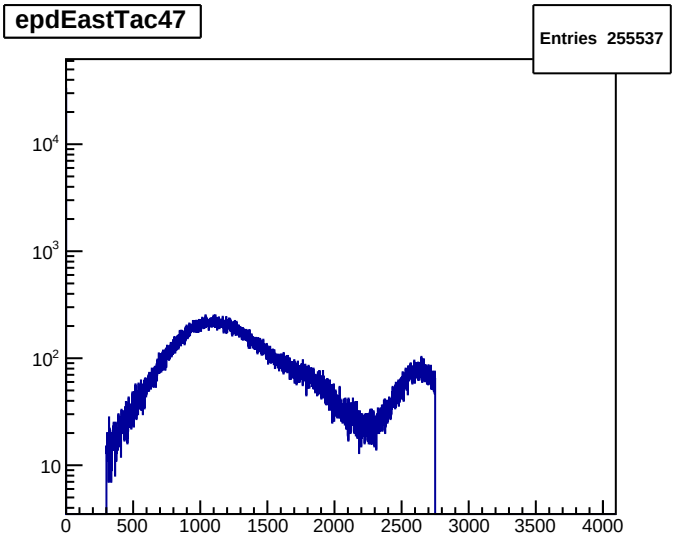
Entries 0
Data-Simu
DSM Input Channel

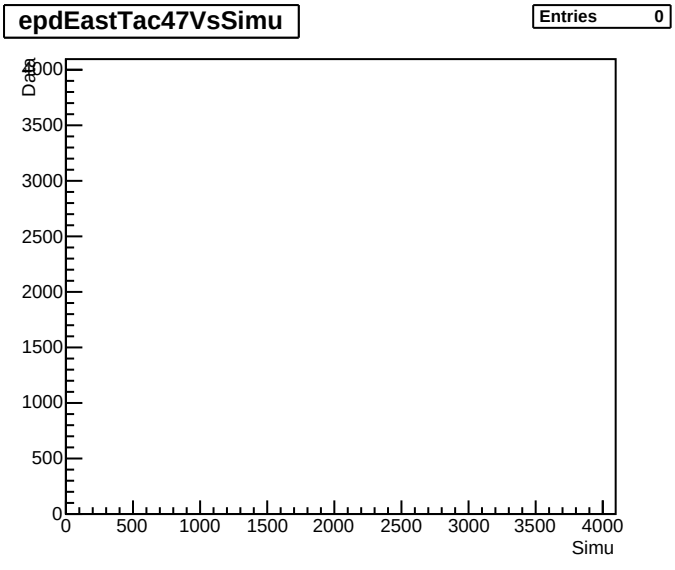

epdWestTHits
Entries 2044296
Truncated NHits
DSMInput Channel

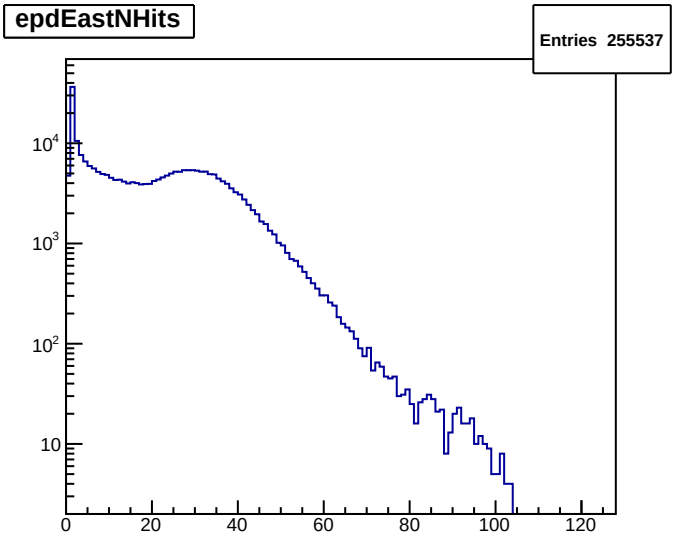

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

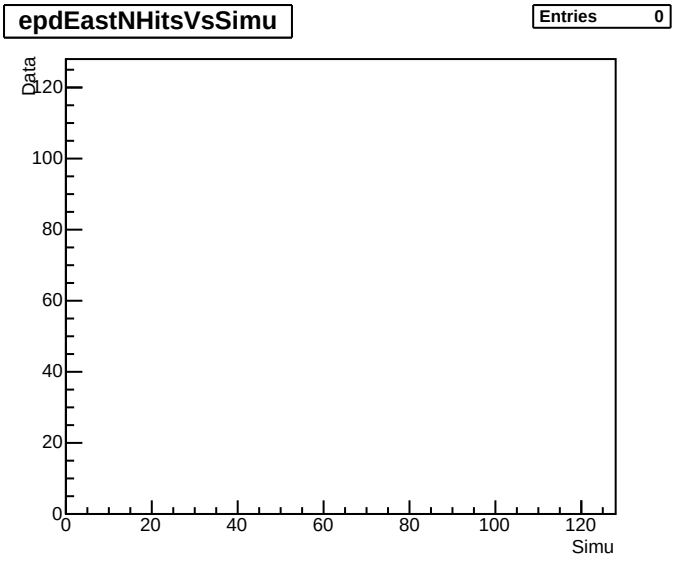

epdEastTac03
Entries 255537


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 255537


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 255537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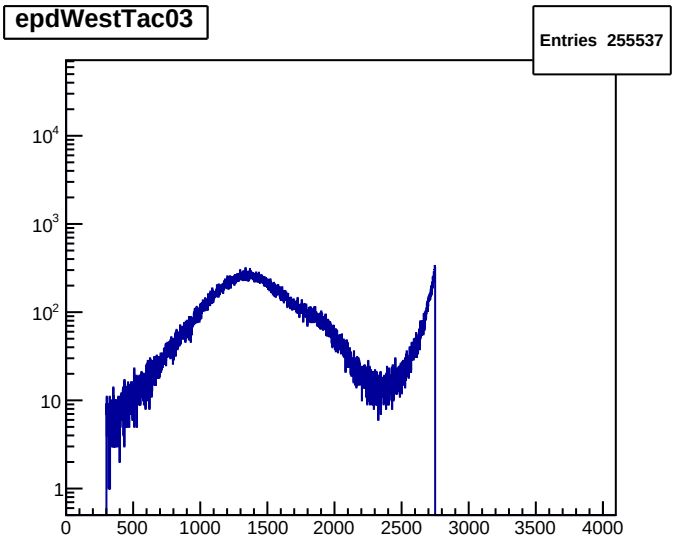
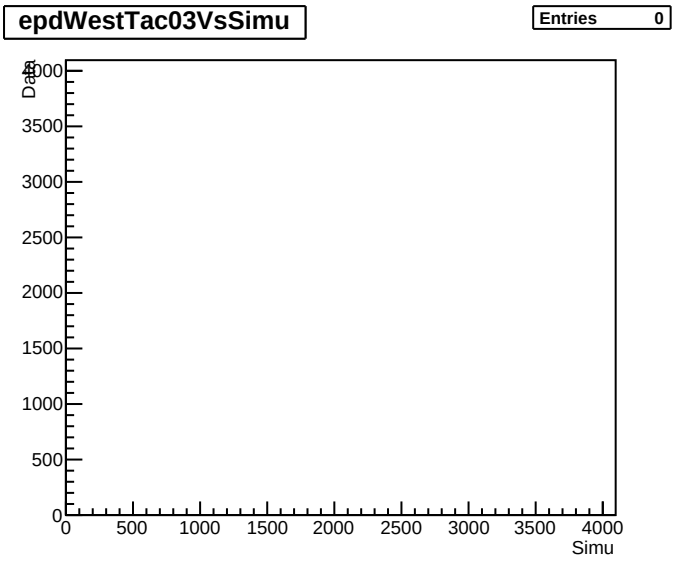
Entries 0
Data
Simu


epdWestTac03
Entries 255537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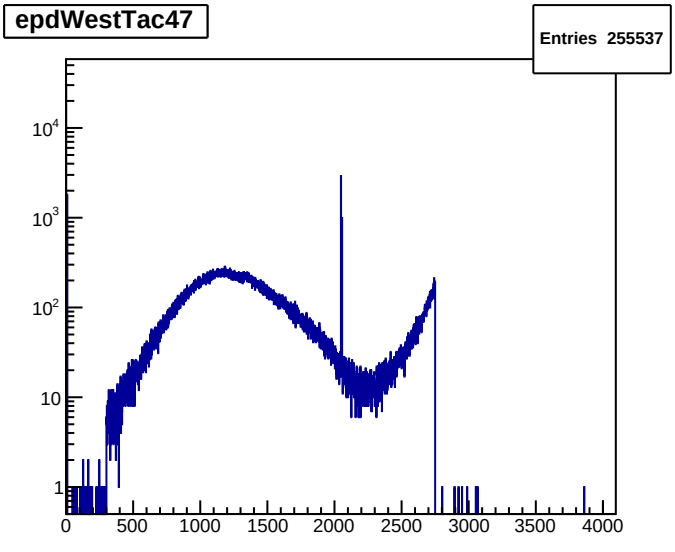
Entries 0
Data
Simu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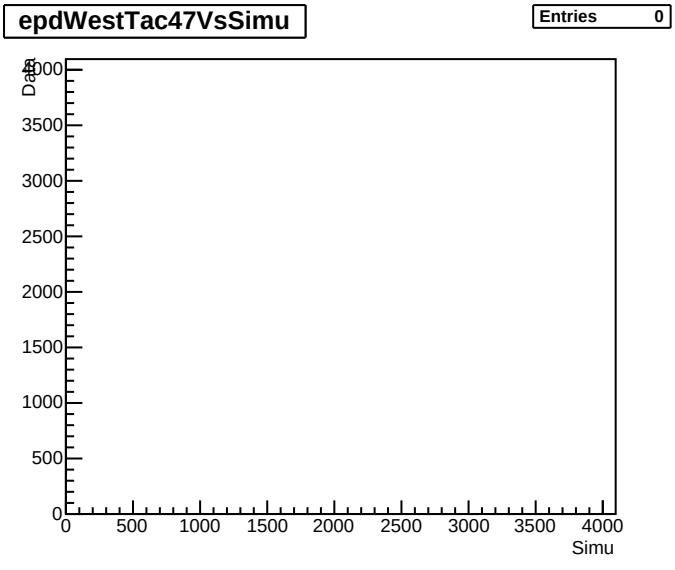
Entries 255537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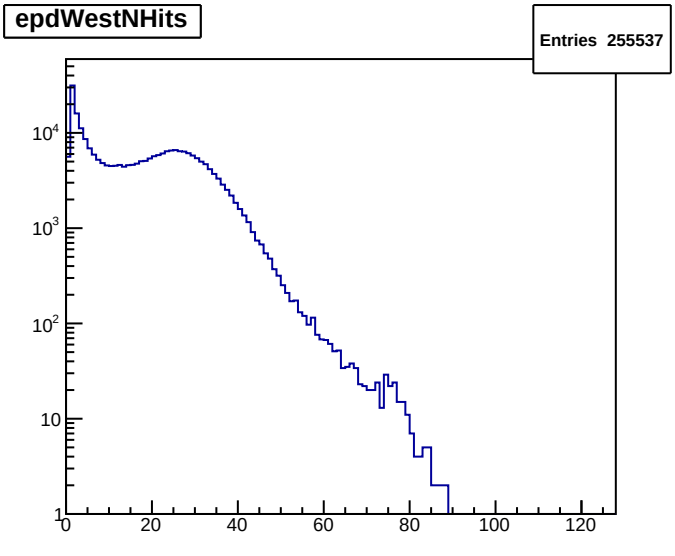
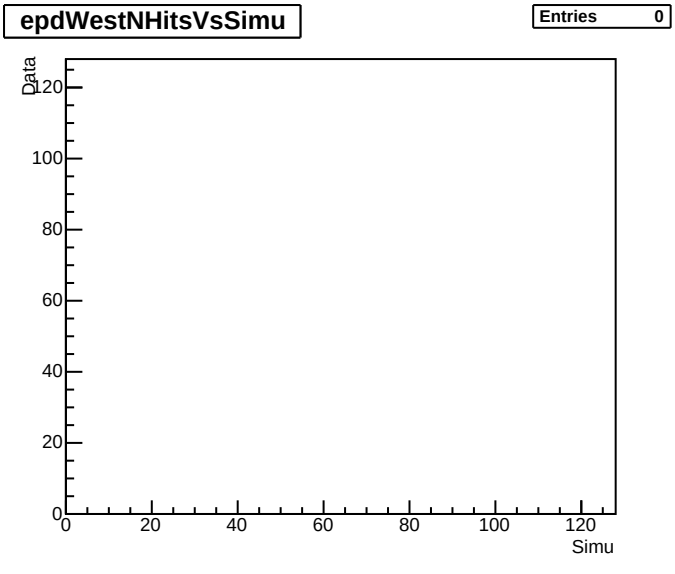
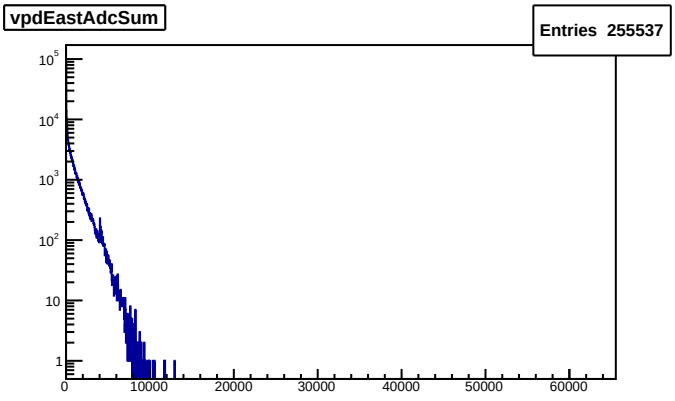
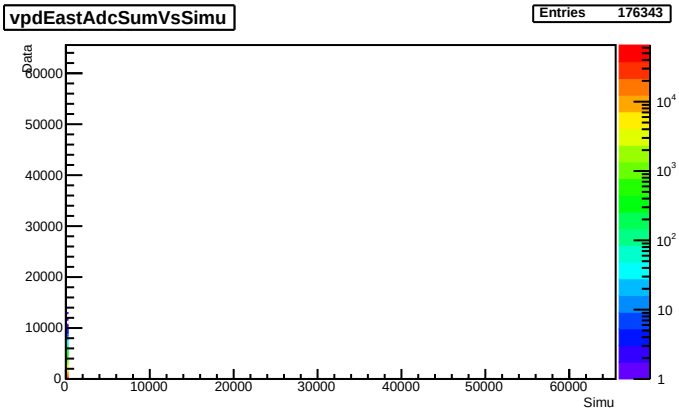
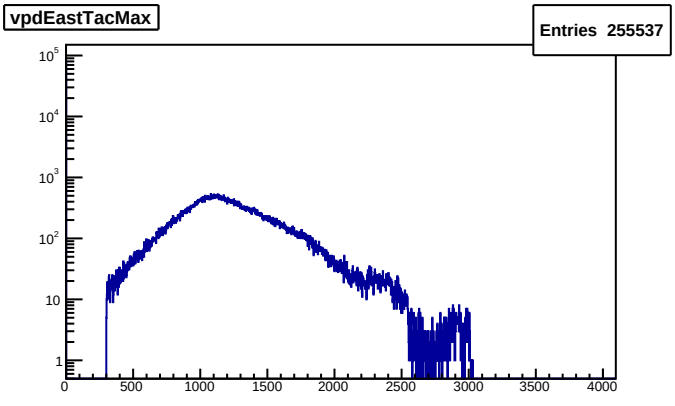
Entries 0
Data
Simu

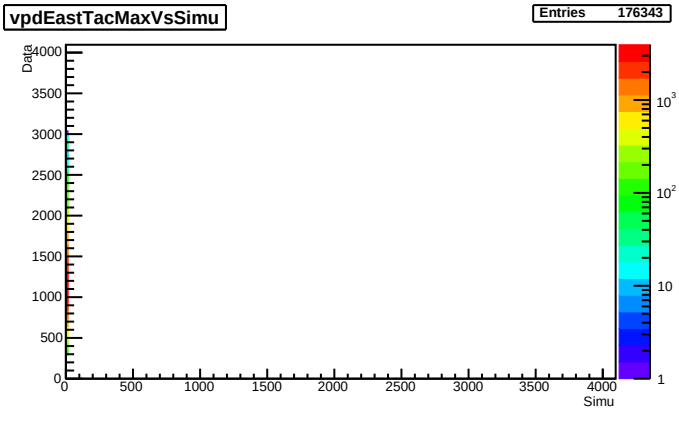

epdWestNHits
Entries 255537

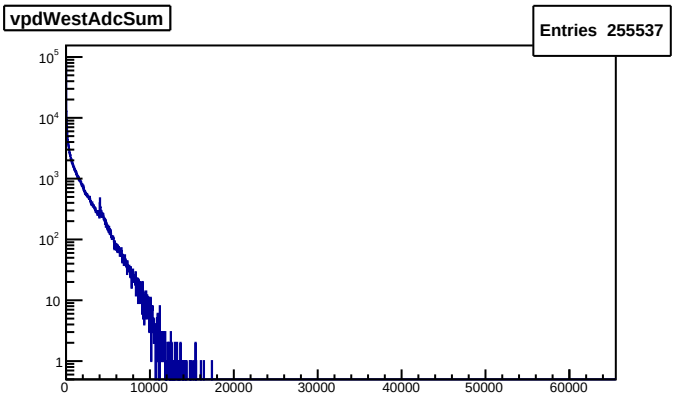

epdWestNHitsVsSimu
Entries 0
Data
Simu

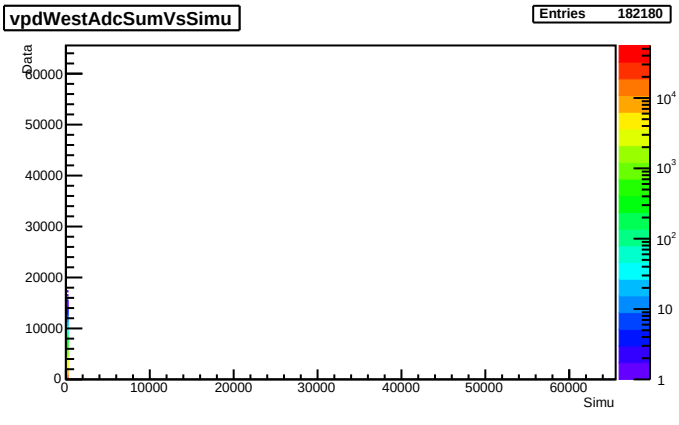

vpdEastAdcSum
Entries 255537

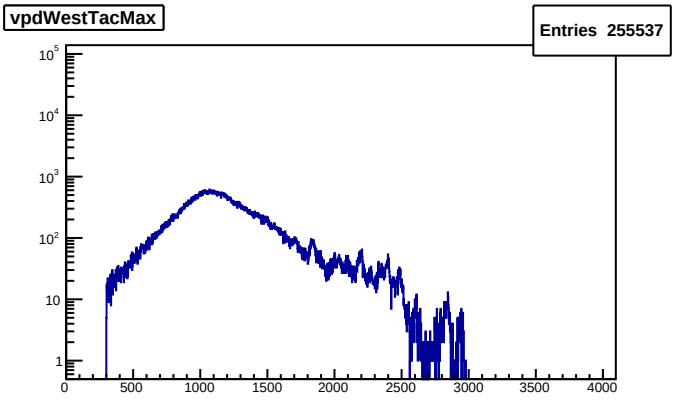

vpdEastAdcSumVsSimu
Entries 176343
Data
Simu

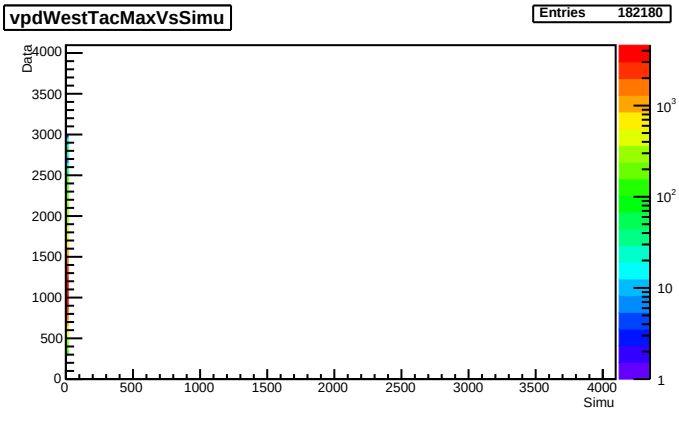

vpdEastTacMax
Entries 255537

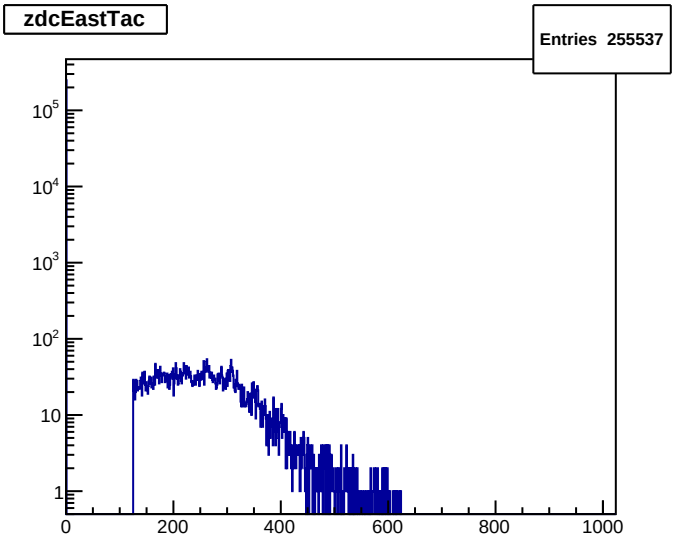

vpdEastTacMaxVsSimu
Entries 176343
Data
Simu

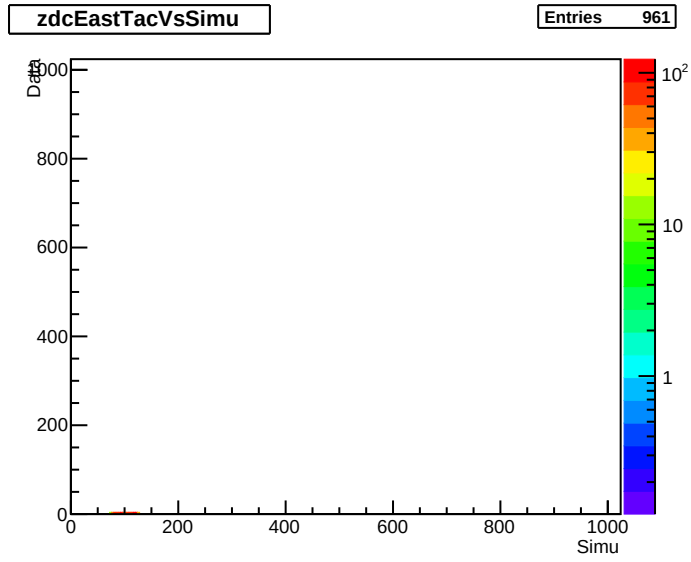

vpdWestAdcSum
Entries 255537

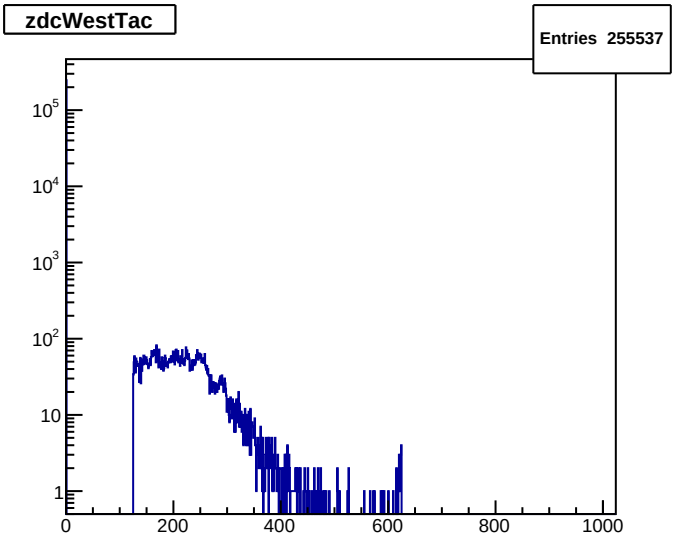

vpdWestAdcSumVsSimu
Entries 182180
Data
Simu

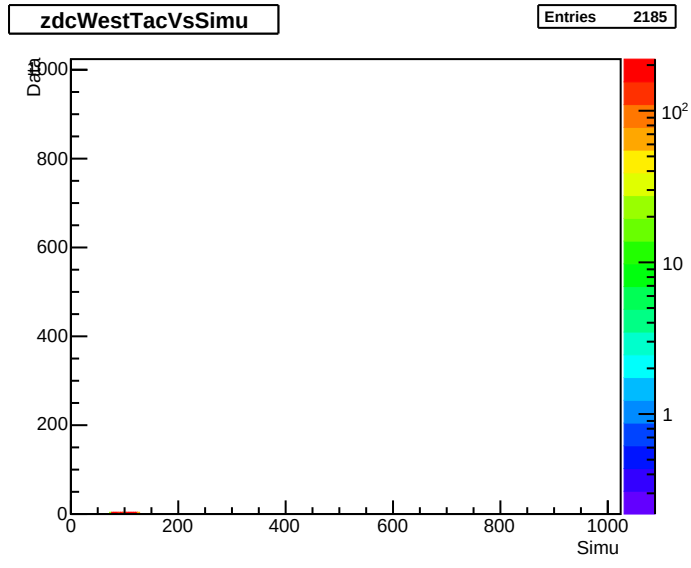

vpdWestTacMax
Entries 255537

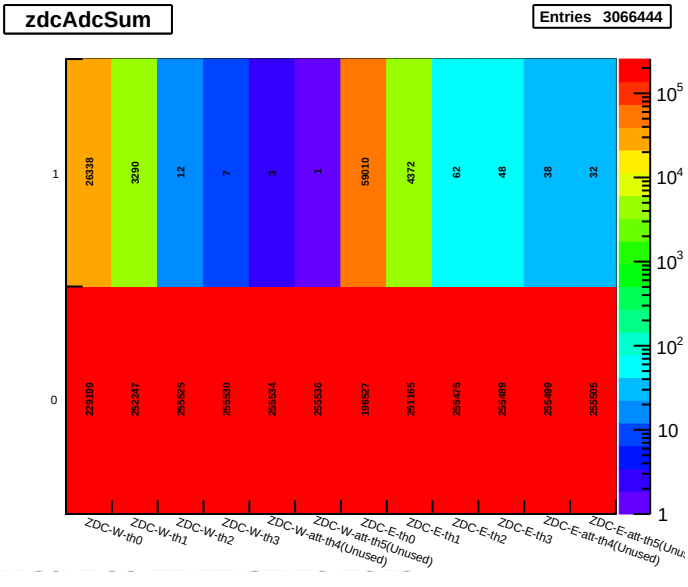

vpdWestTacMaxVsSimu
Entries 182180
Data
Simu

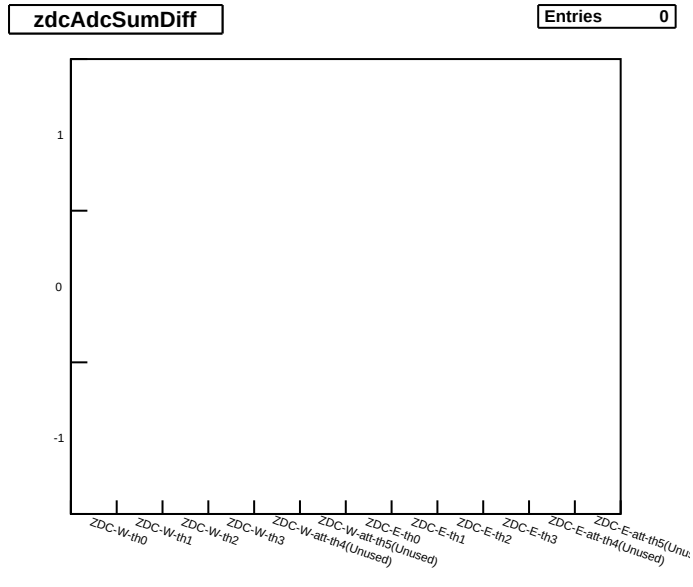

zdcEastTac
Entries 255537

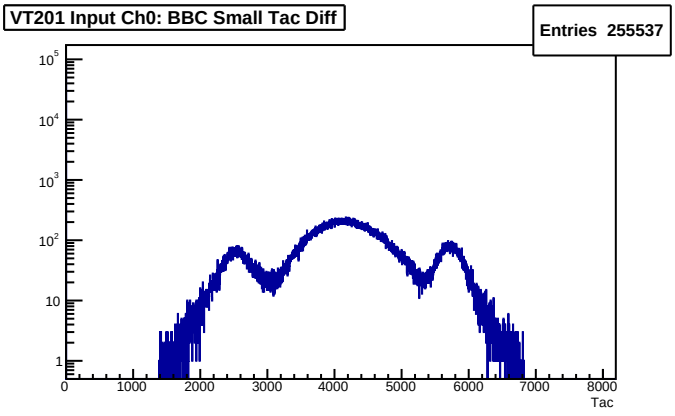

zdcEastTacVsSimu
Entries 961
Data
Simu

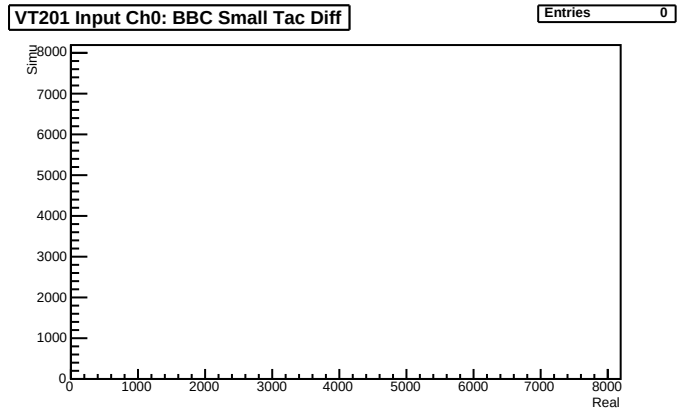

zdcWestTac
Entries 255537

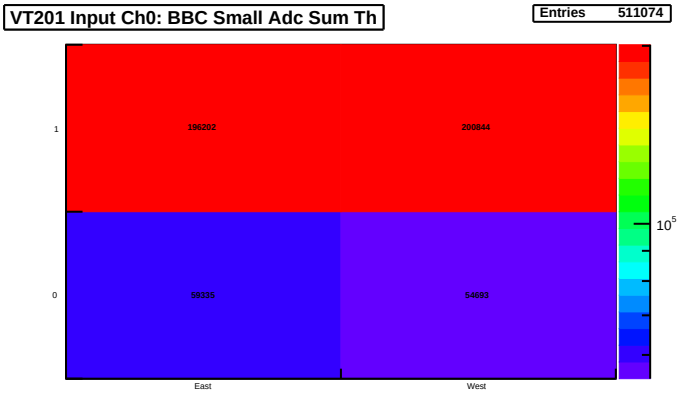

zdcWestTacVsSimu
Entries 2185
Data
Simu

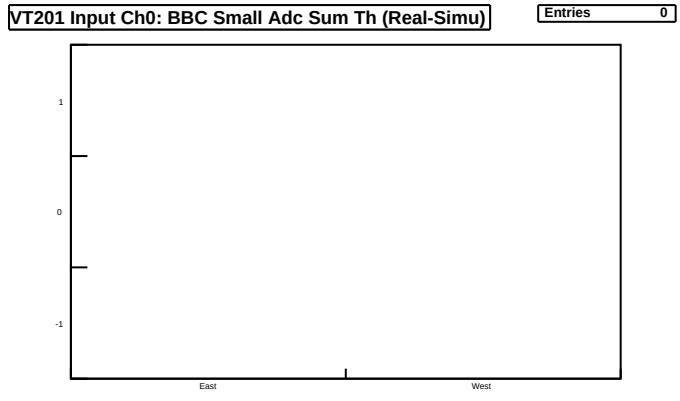

zdcAdcSum
Entries 3066444
26338
3290
12
7
3
1
59010
4372
62
48
38
32
229199
252247
255525
255530
255534
255536
196527
251165
255475
255489
255490
255505
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

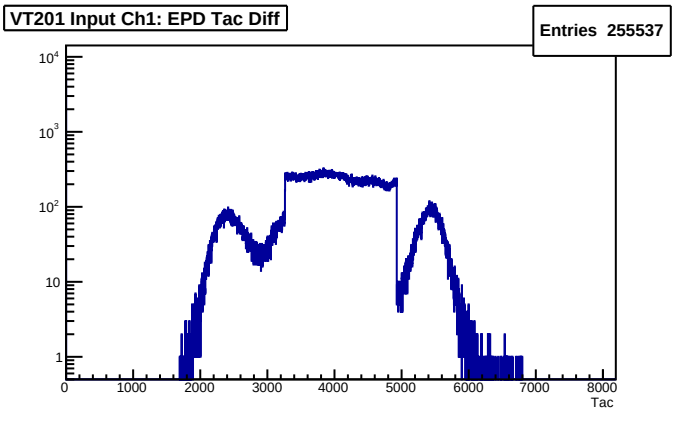

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

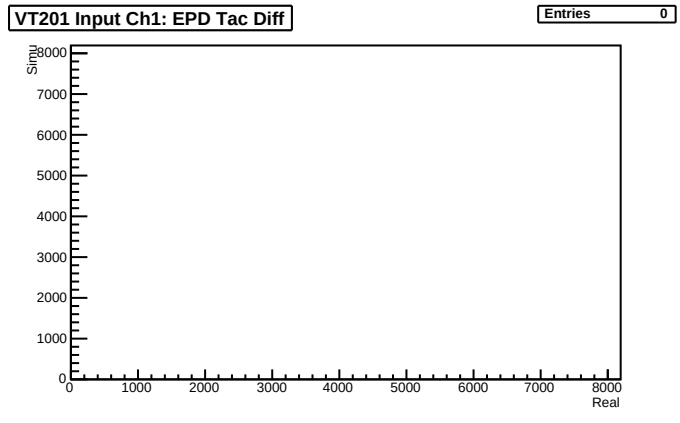

VT201 Input Ch0: BBC Small Tac Diff
Entries 255537
Tac

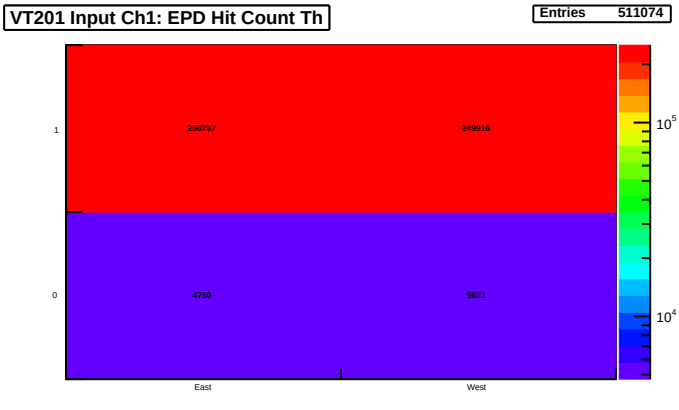

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

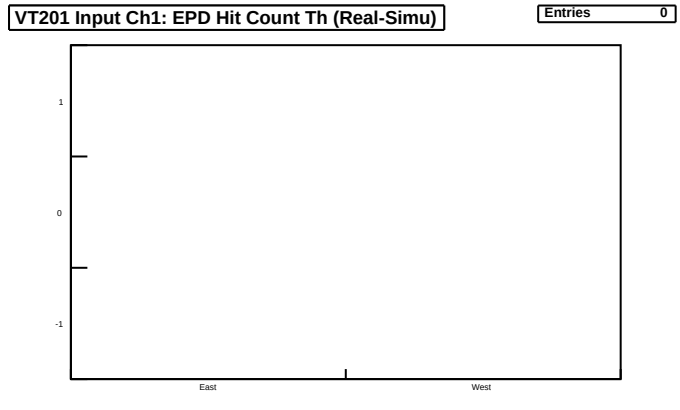

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 511074
196202
200844
59335
54693
East
West

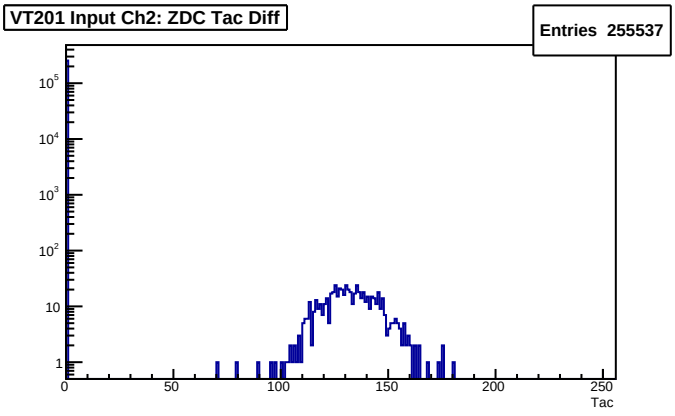

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

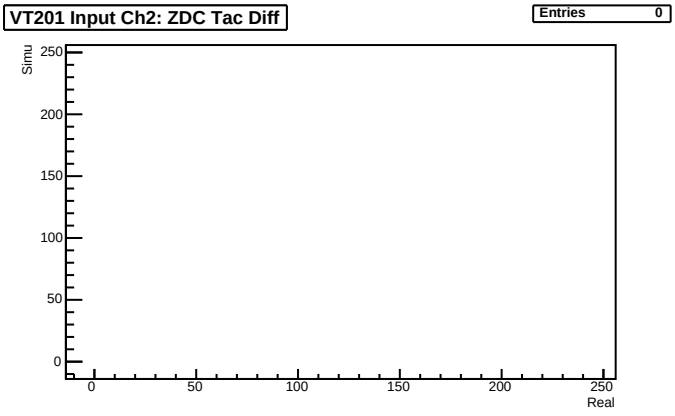

VT201 Input Ch1: EPD Tac Diff
Entries 255537
Tac

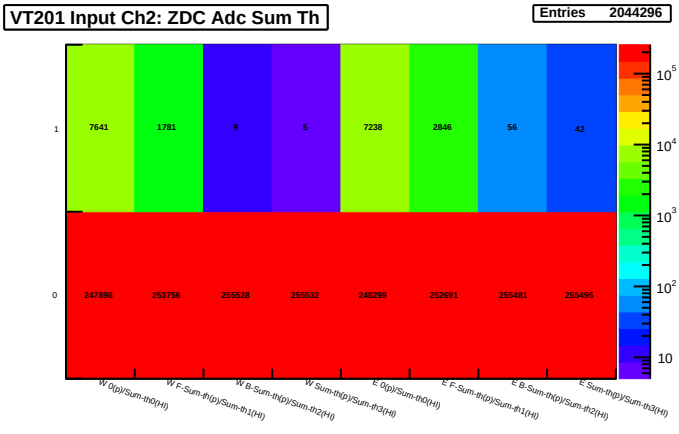

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

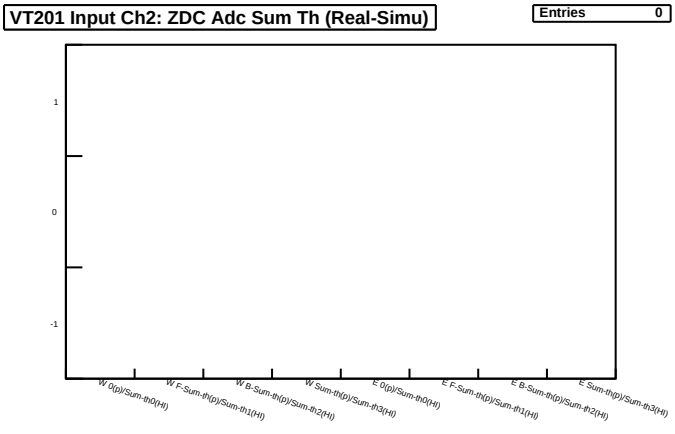

VT201 Input Ch1: EPD Hit Count Th
Entries 511074
250787
249916
4750
5621
East
West

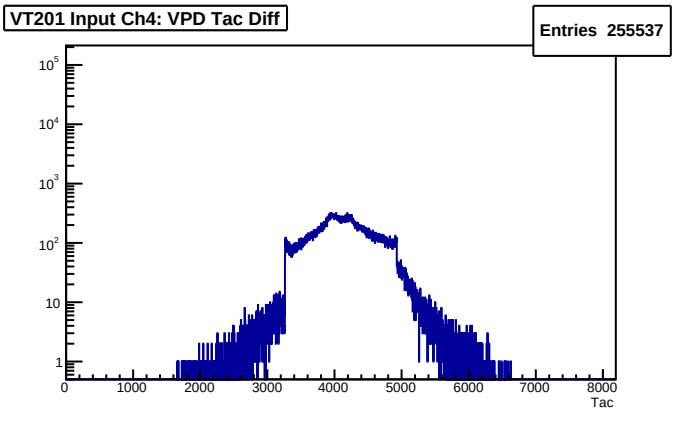

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

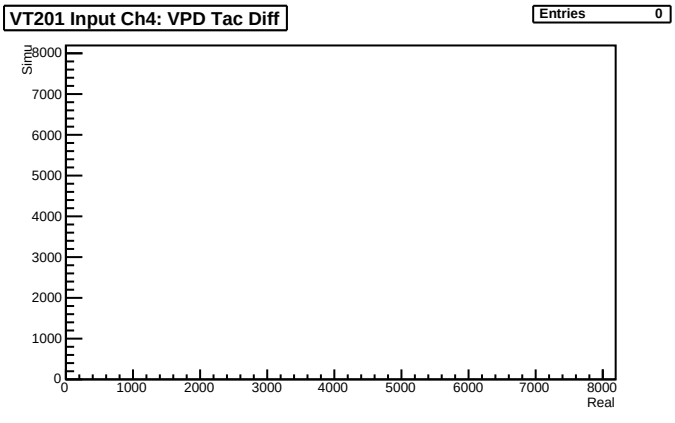

VT201 Input Ch2: ZDC Tac Diff
Entries 255537
Tac

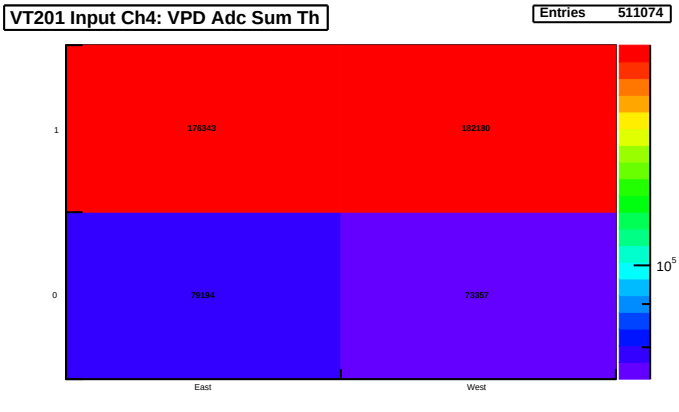

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

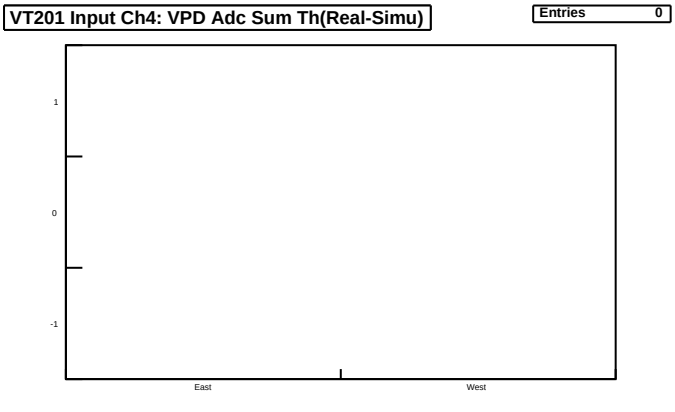

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2044296
7641
1781
9
5
7238
2846
56
42
247896
253756
255528
255532
248299
252691
255481
255495
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

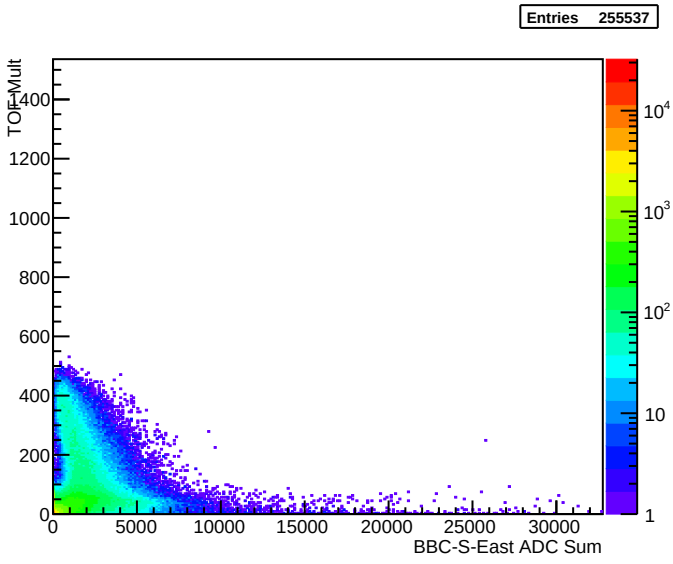

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

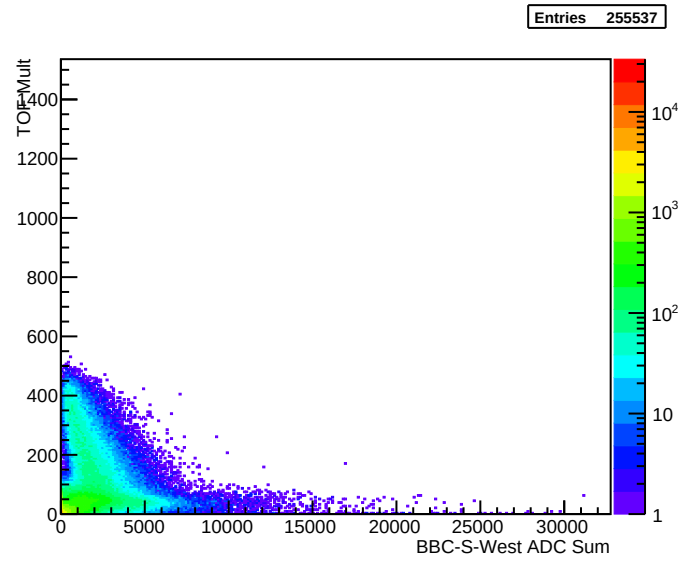

VT201 Input Ch4: VPD Tac Diff
Entries 255537
Tac

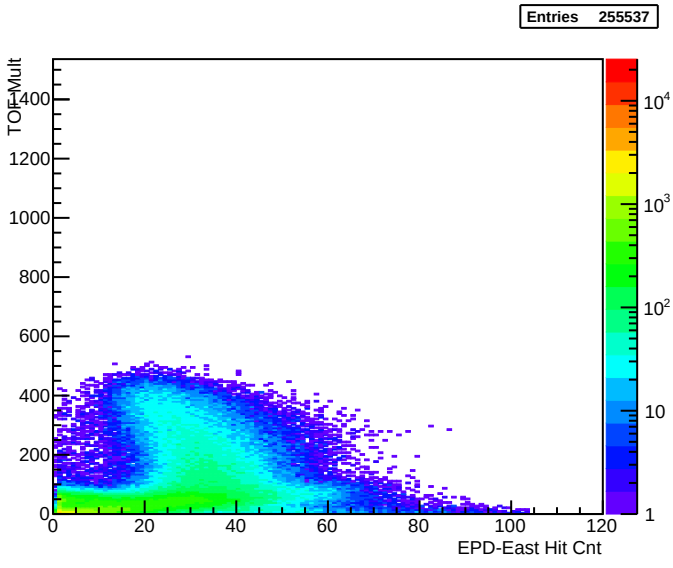

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

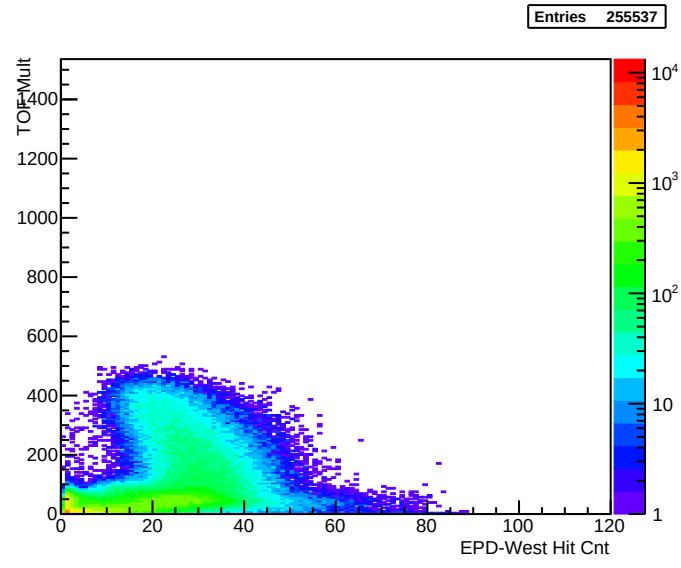

VT201 Input Ch4: VPD Adc Sum Th
Entries 511074
176343
182180
79194
73357
East
West

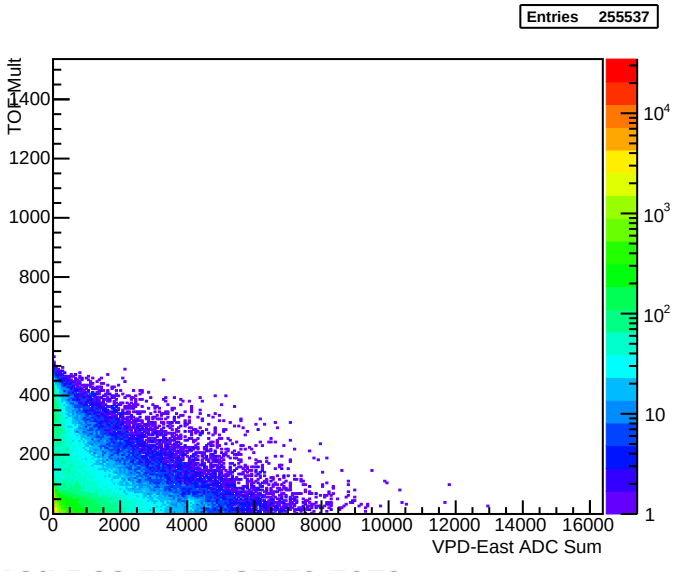

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

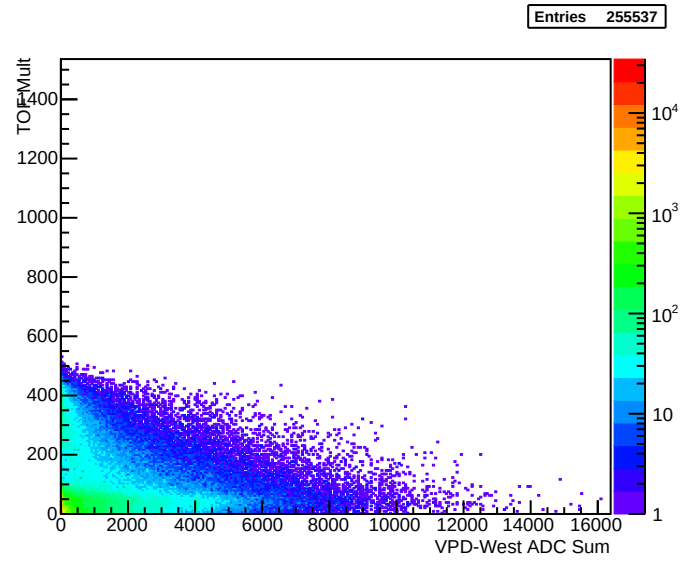

Entries 255537
TOF-Mult
BBC-S-East ADC Sum

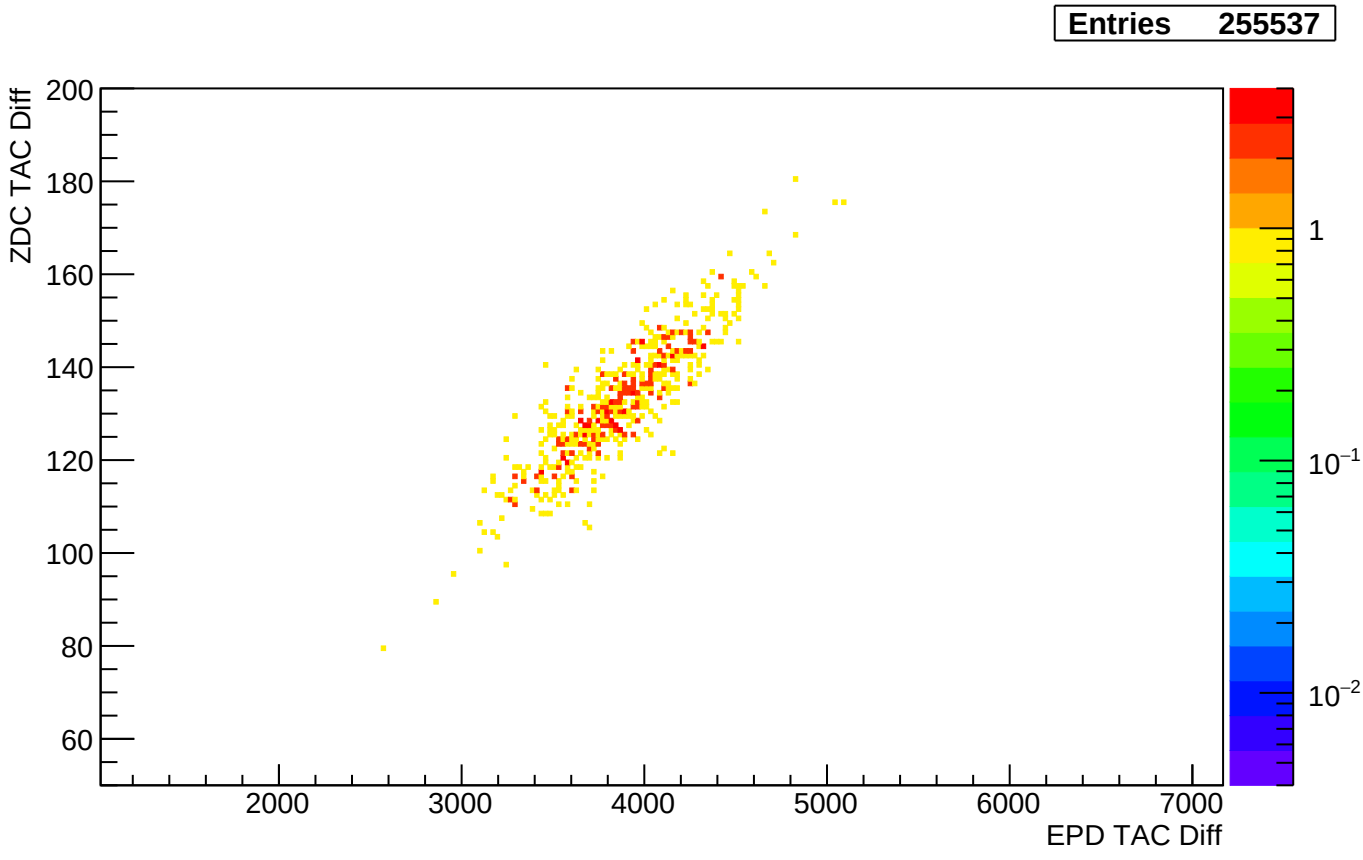

Entries 255537
TOF-Mult
BBC-S-West ADC Sum

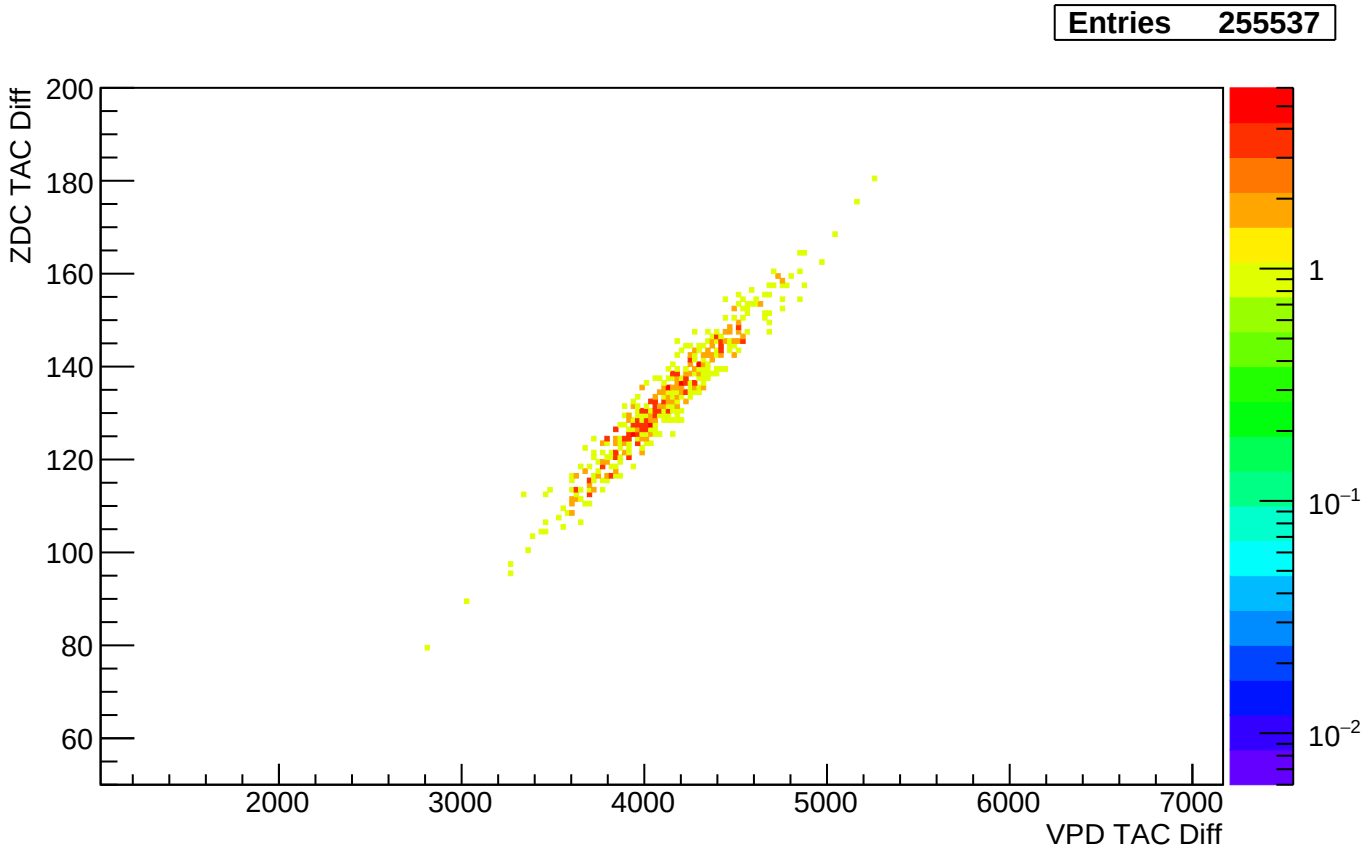

Entries 255537
TOF-Mult
EPD-East Hit Cnt

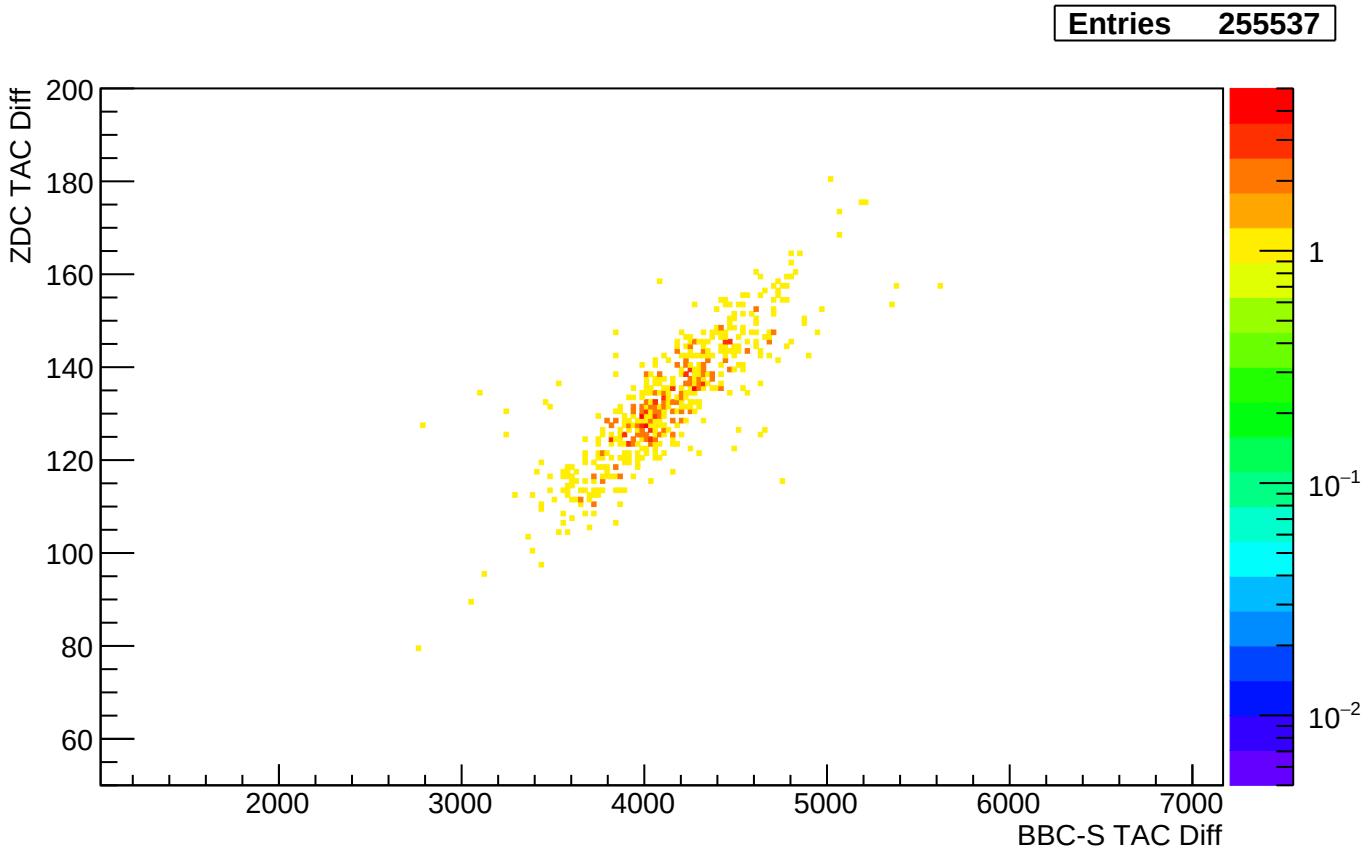

Entries 255537
TOF-Mult
EPD-West Hit Cnt

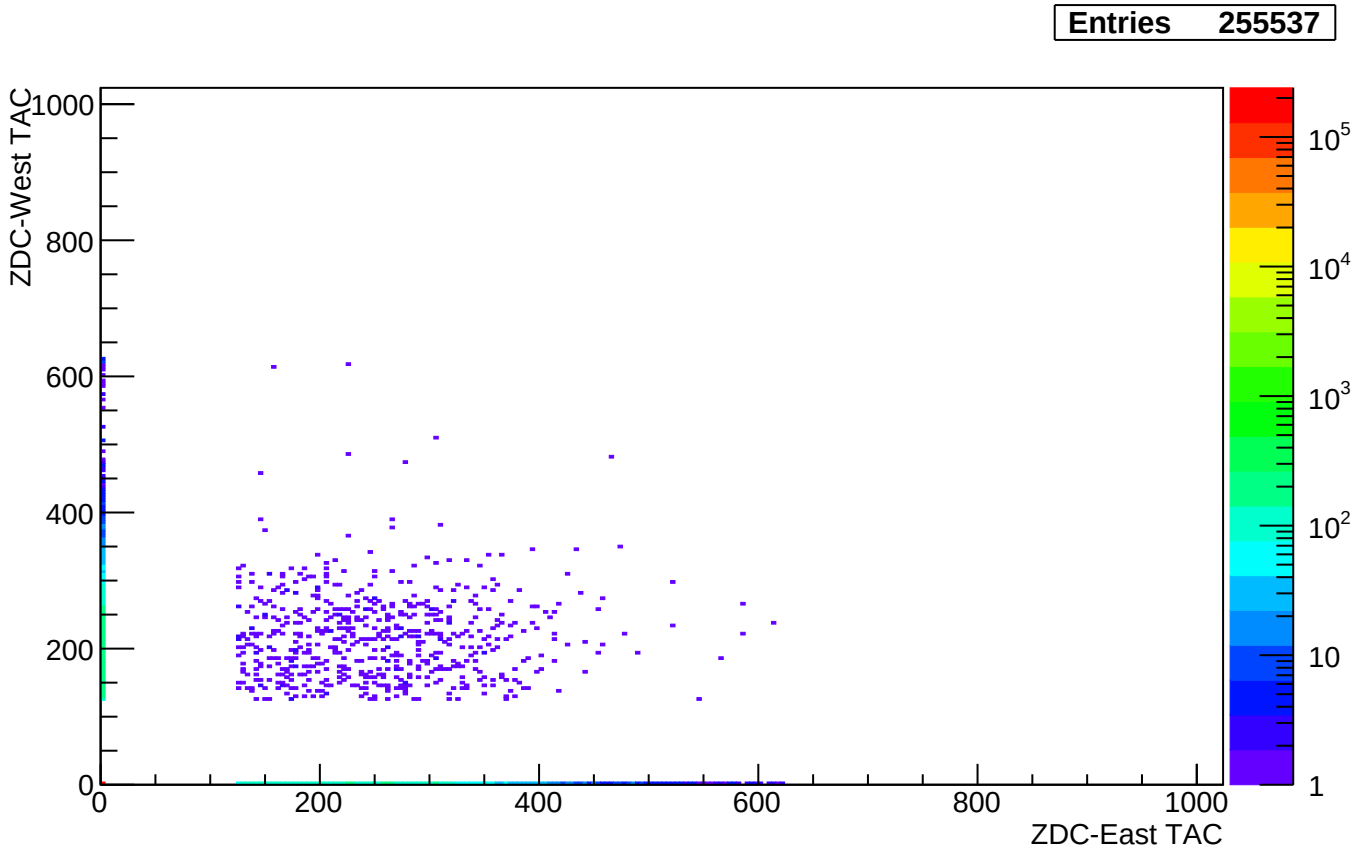

Entries 255537
TOF-Mult
VPD-East ADC Sum

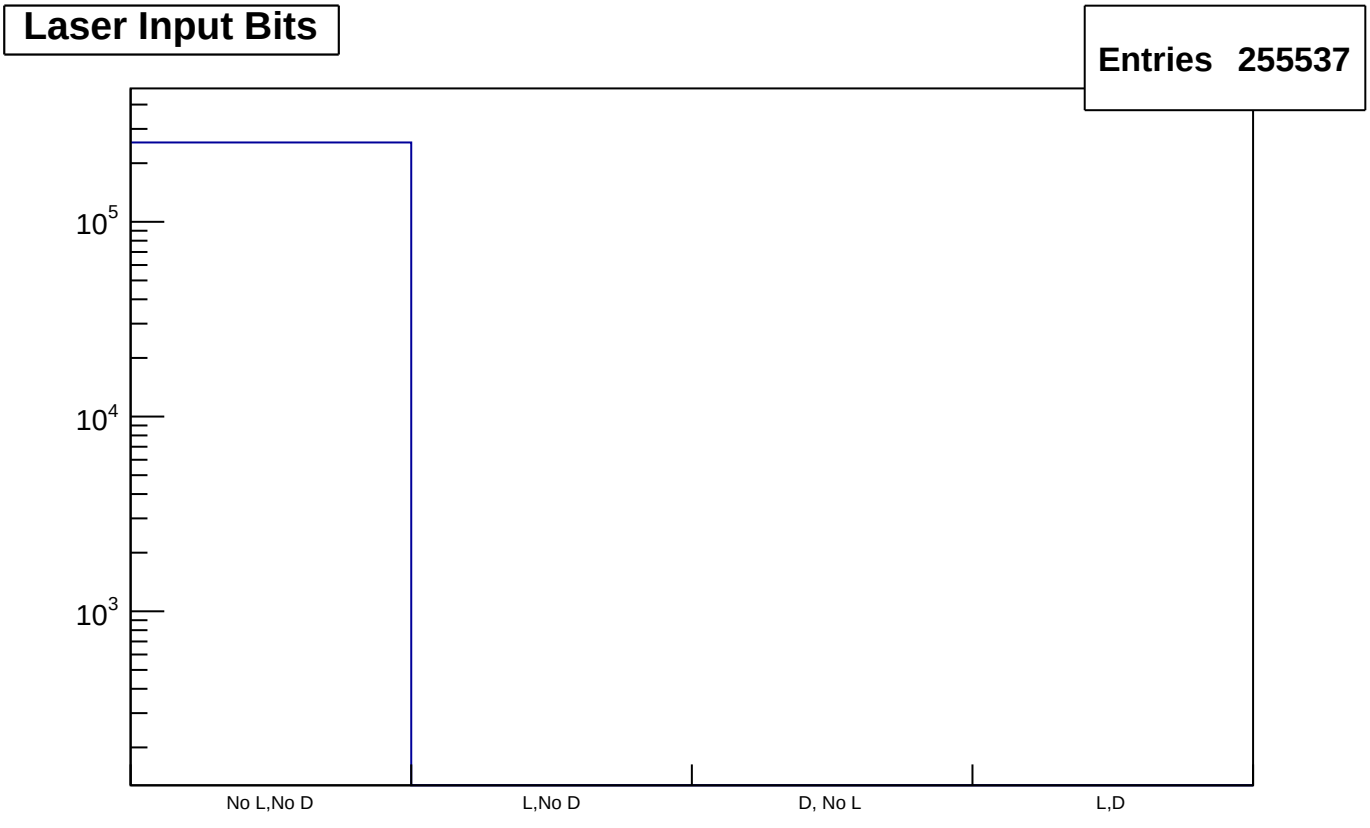

Entries 255537
TOF-Mult
VPD-West ADC Sum

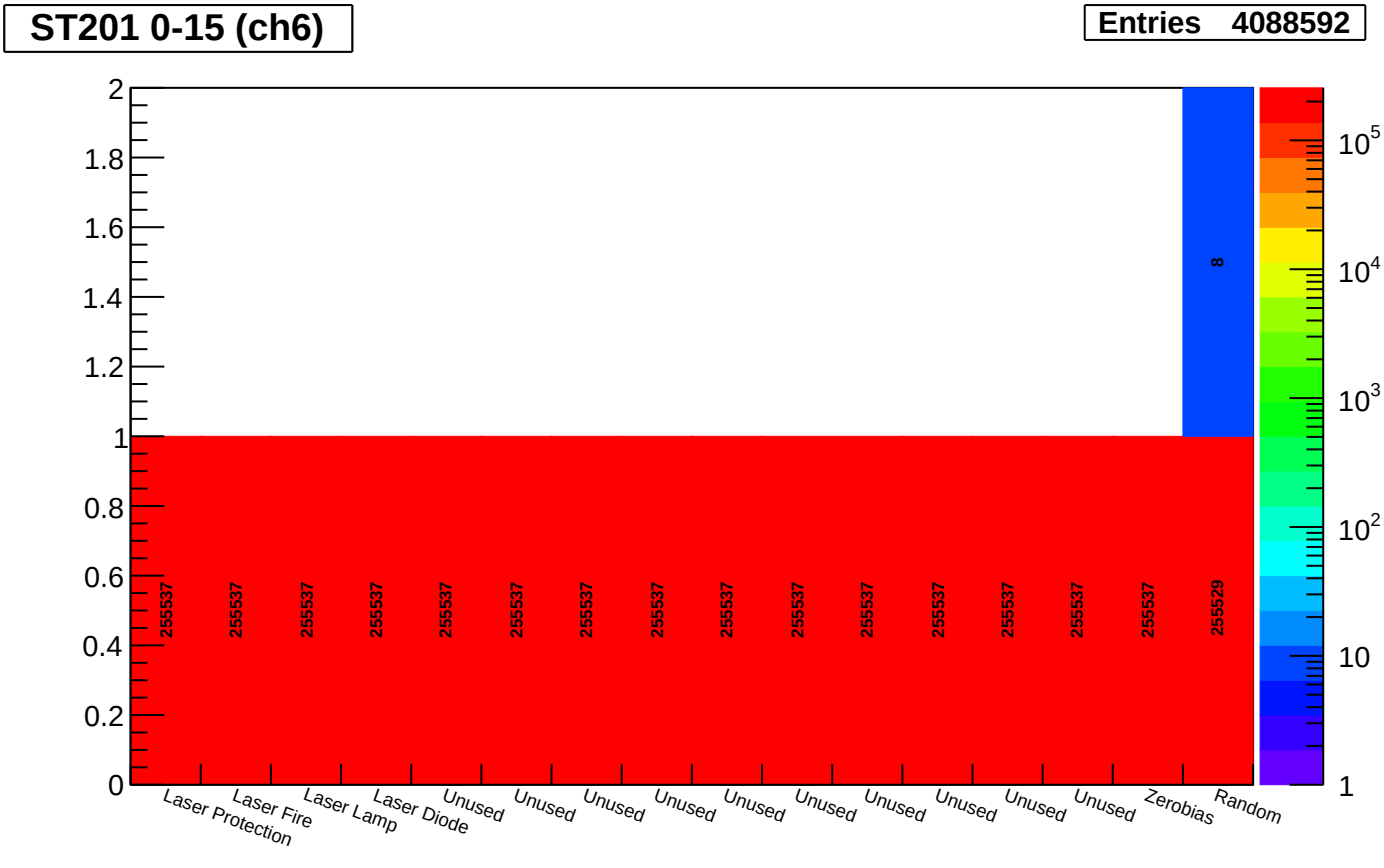

Entries 255537
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

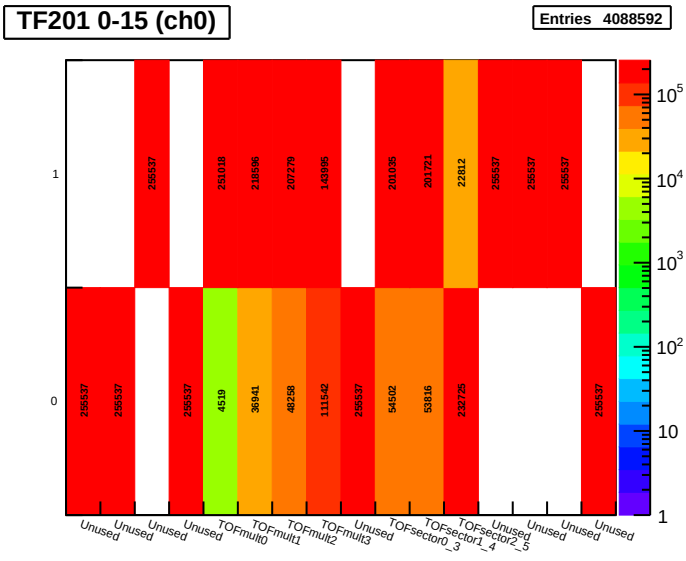

Entries 255537
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

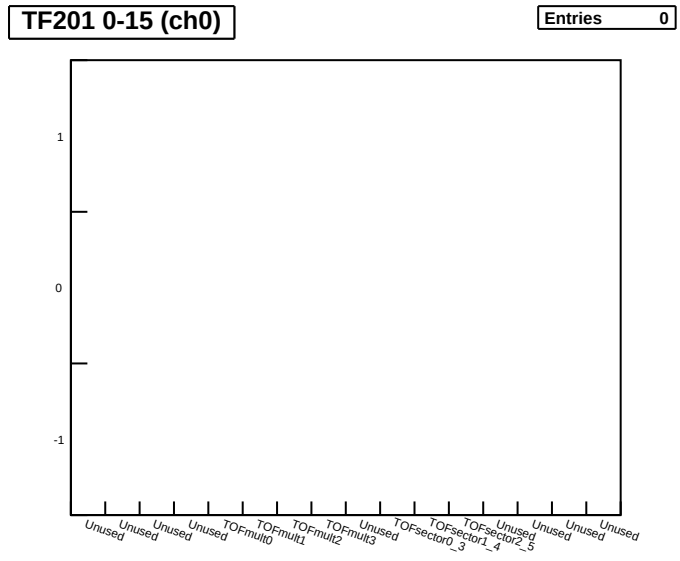

Entries 255537
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

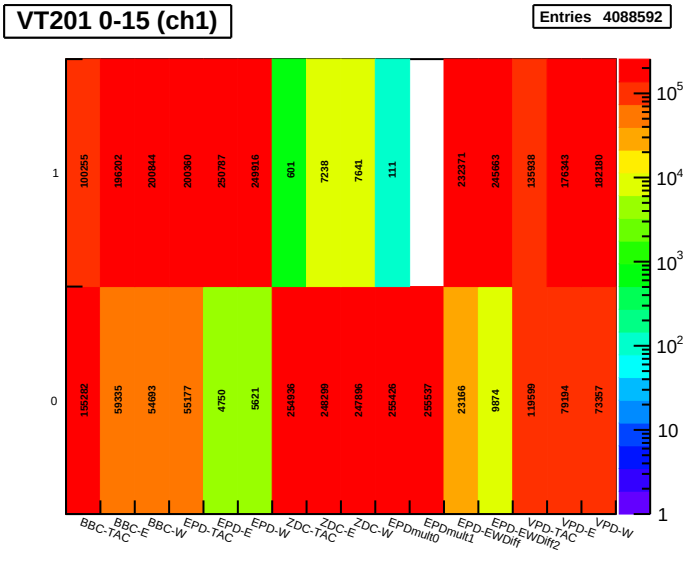

Entries 255537
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

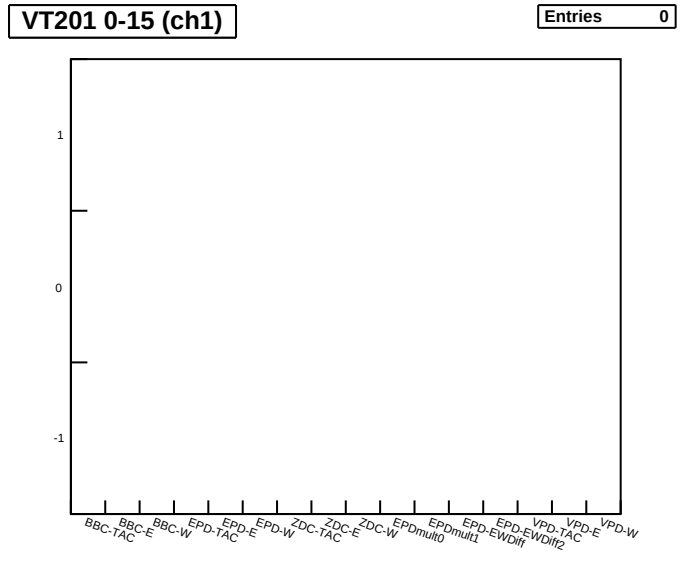

Laser Input Bits
Entries 255537
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

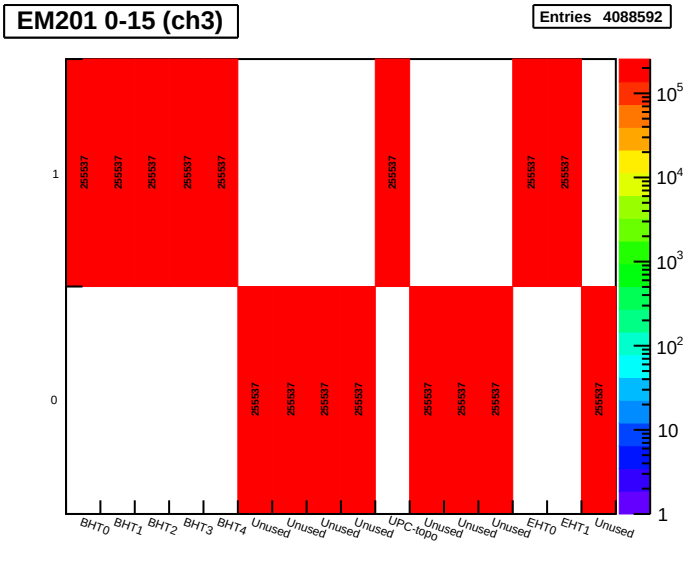

ST201 0-15 (ch6)
Entries 4088592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255537
255529
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

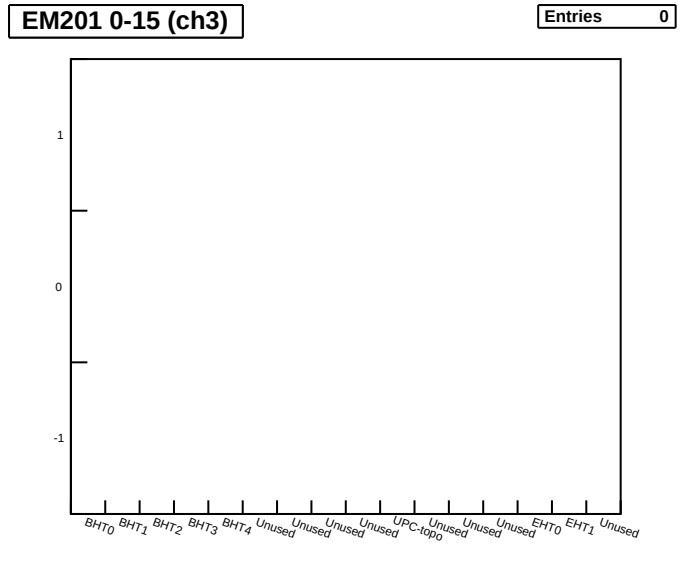

TF201 0-15 (ch0)
Entries 4088592
1
0
255537 255537 255537 255537 251018 218596 207279 143985 201035 201721 22812 255537 255537 255537
255537 255537 255537 4519 36941 48268 111542 255537 54502 53816 232725 255537
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 4088592
1
0
100255 196202 200844 200360 250787 249916 601 7238 7641 111 232371 245663 135938 176343 182180
115282 59335 54693 55177 4750 5621 254936 248299 247896 255426 255537 23166 9874 119599 79194 73357
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 4088592
1
0
255537 255537 255537 255537 255537 255537 255537 255537
255537 255537 255537 255537 255537 255537 255537 255537
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