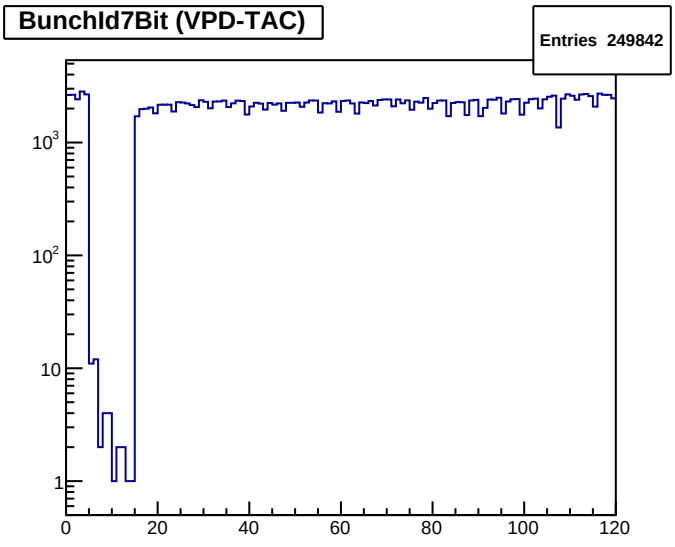
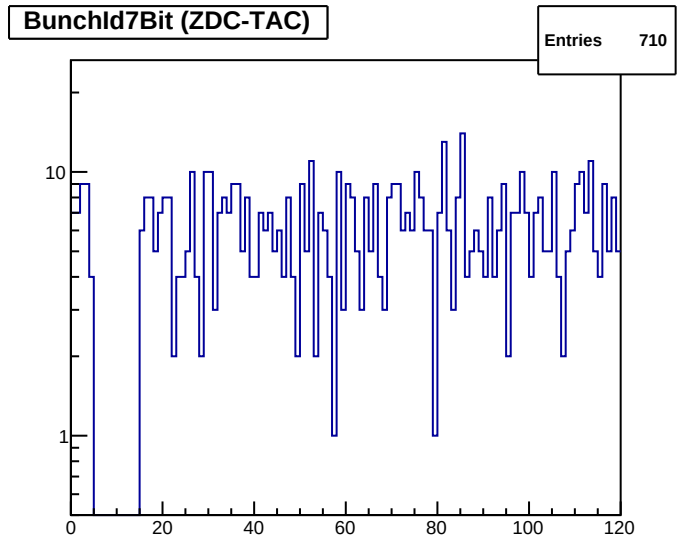
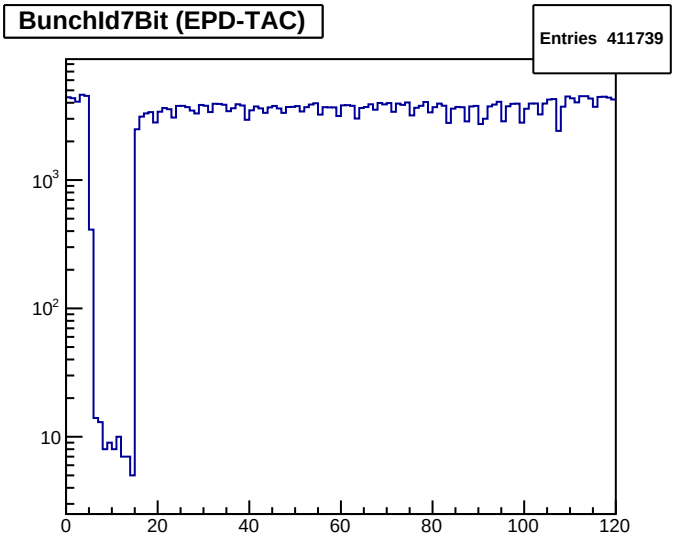
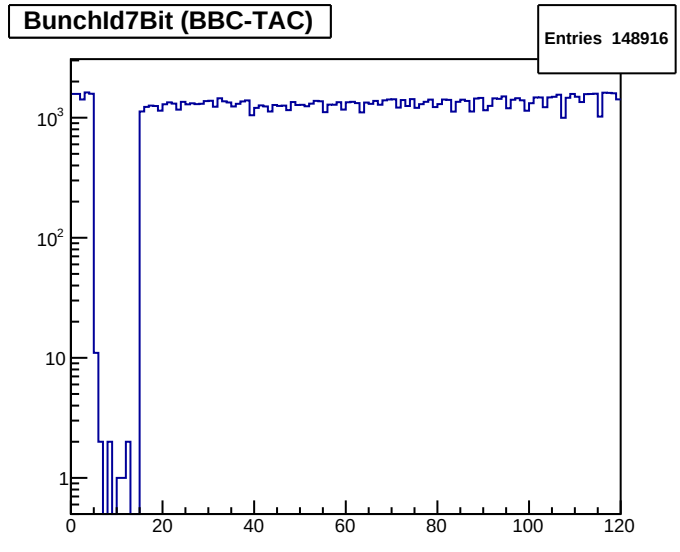
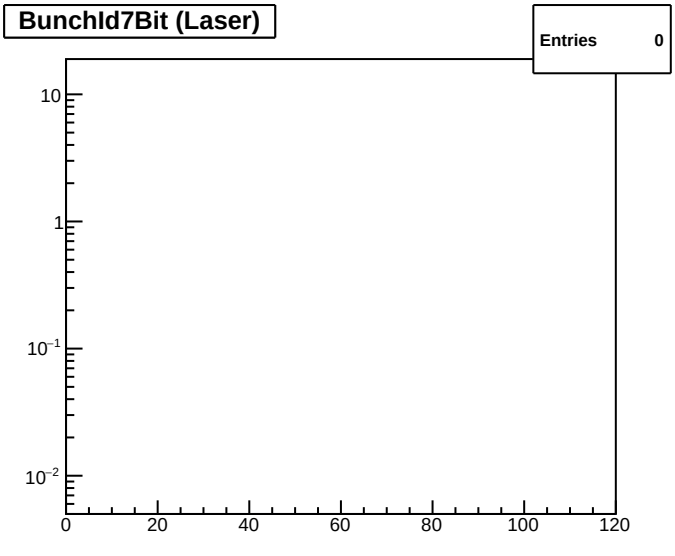
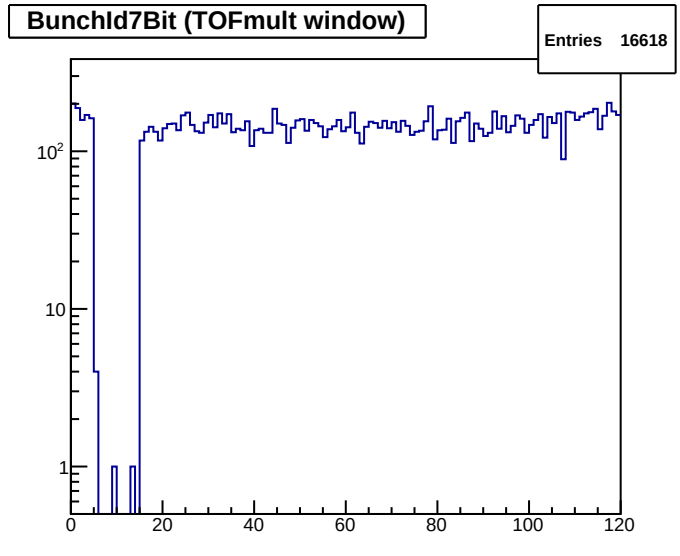

BunchId7Bit (VPD-TAC)
Entries 249842

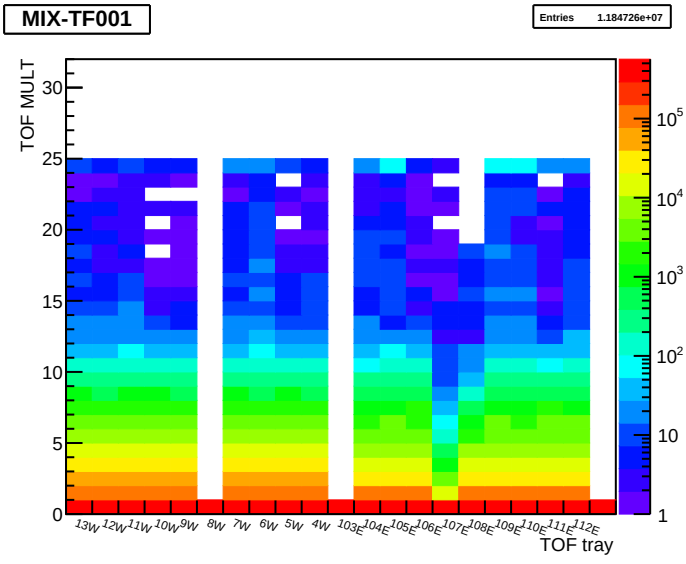

BunchId7Bit (ZDC-TAC)
Entries 710

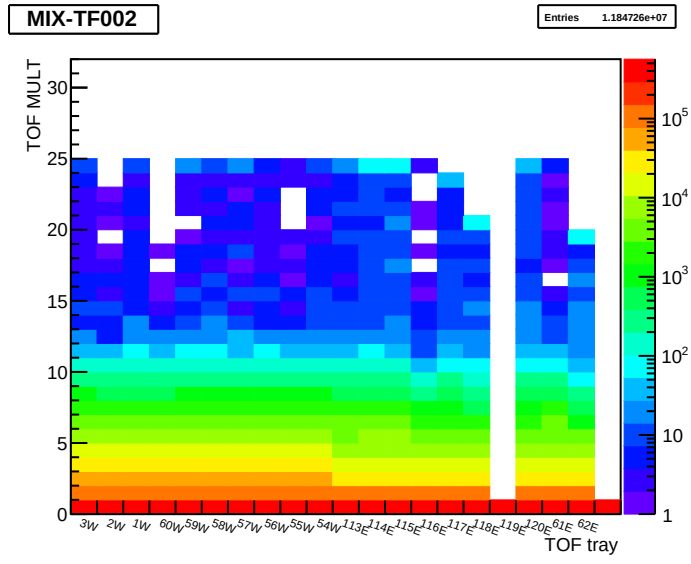

BunchId7Bit (EPD-TAC)
Entries 411739

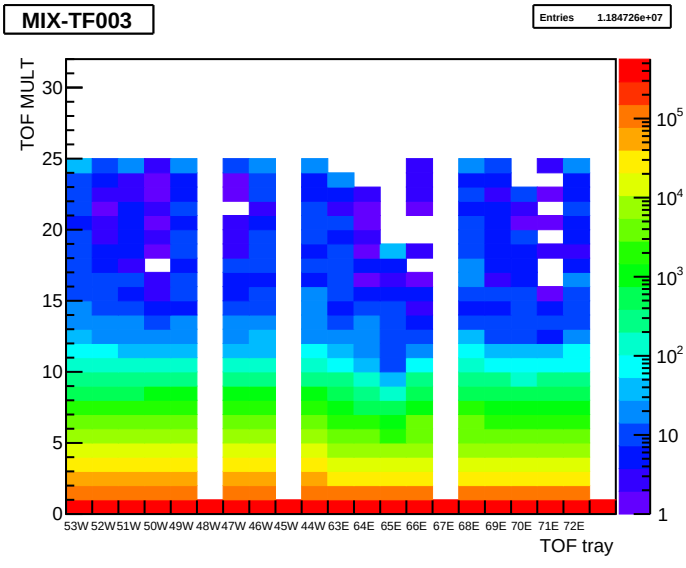

BunchId7Bit (BBC-TAC)
Entries 148916

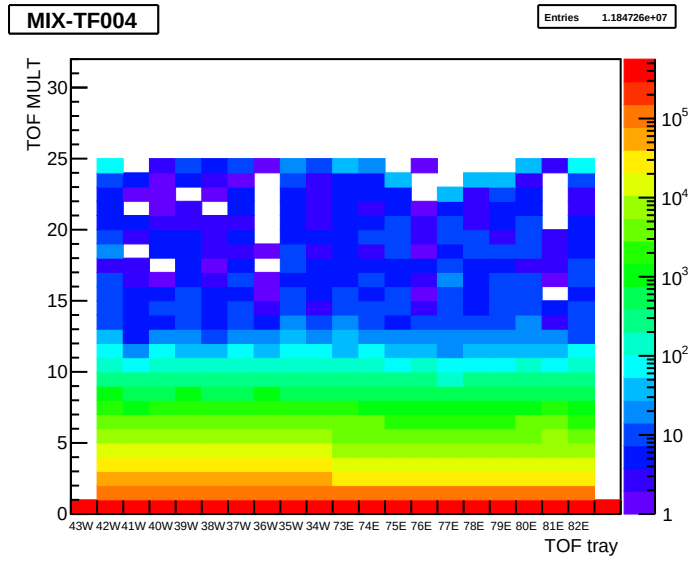

BunchId7Bit (Laser)
Entries 0

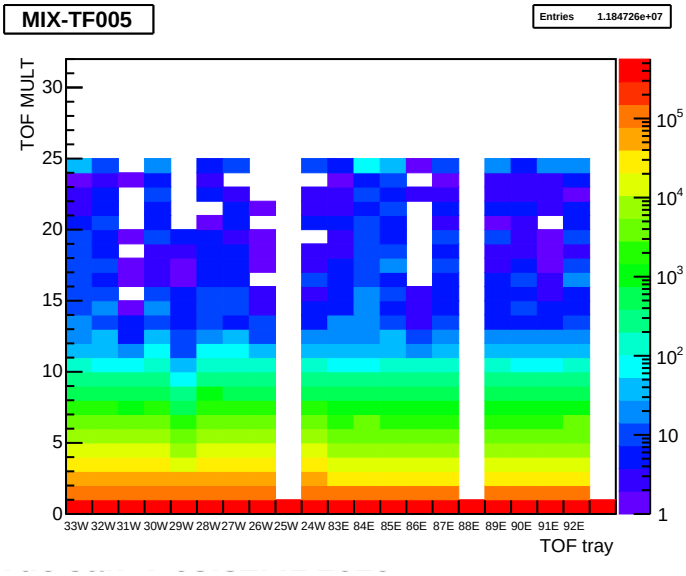

BunchId7Bit (TOFmult window)
Entries 16618

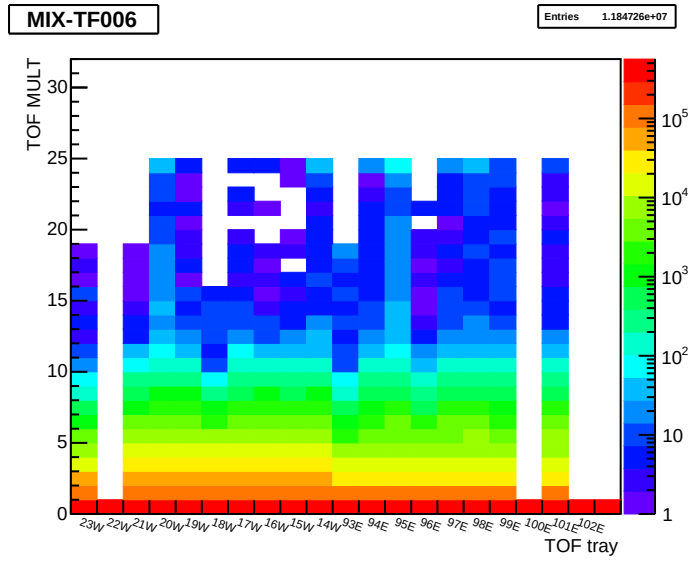

MIX-TF001
Entries 1.184726e+07
TOF MULT
TOF tray

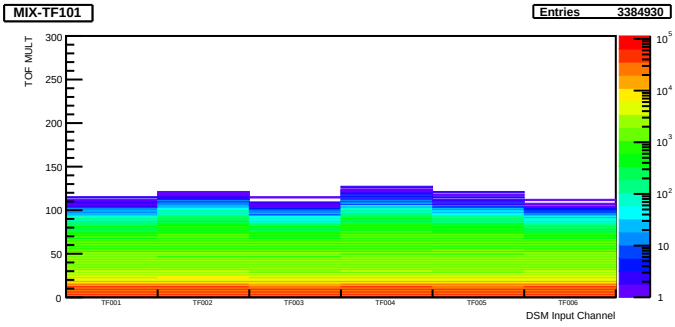

MIX-TF002
Entries 1.184726e+07
TOF MULT
TOF tray

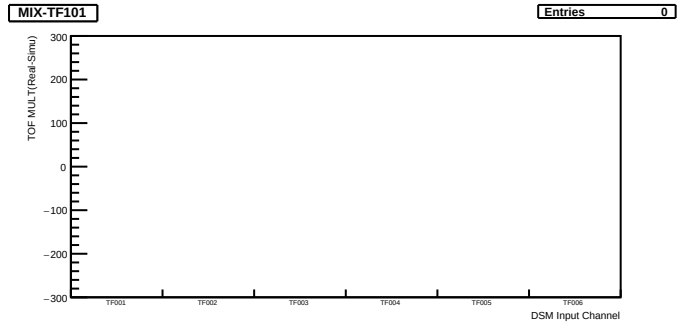

MIX-TF003
Entries 1.184726e+07
TOF MULT
TOF tray

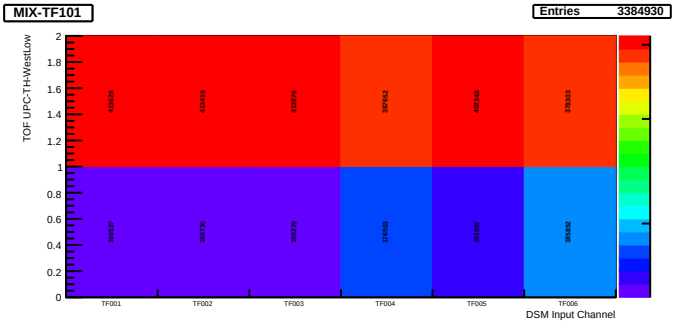

MIX-TF004
Entries 1.184726e+07
TOF MULT
TOF tray

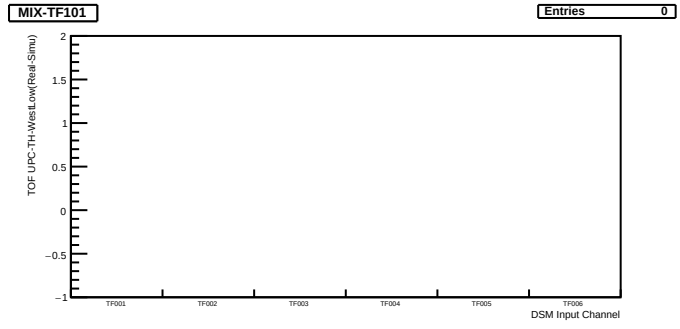

MIX-TF005
Entries 1.184726e+07
TOF MULT
TOF tray

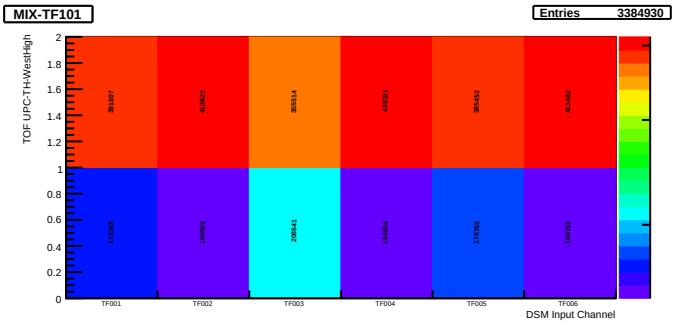

MIX-TF006
Entries 1.184726e+07
TOF MULT
TOF tray

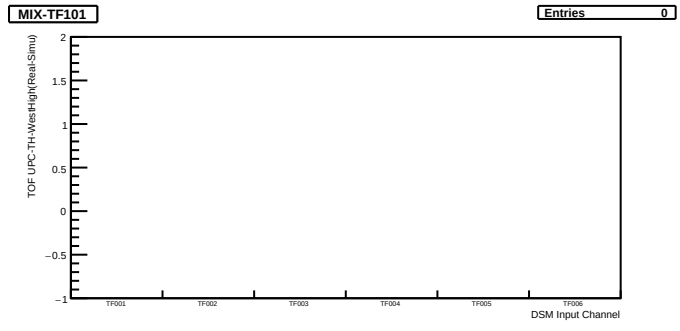

MIX-TF101
Entries 3384930
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

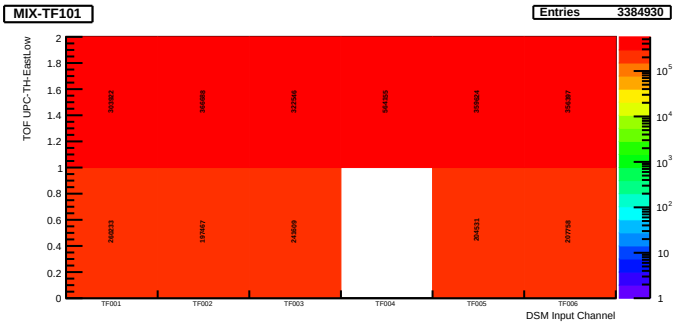

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

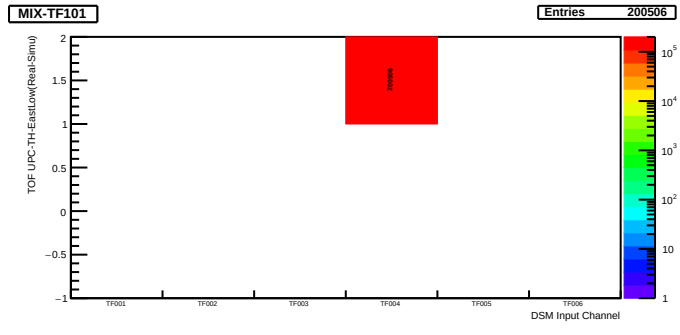

MIX-TF101
Entries 3384930
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

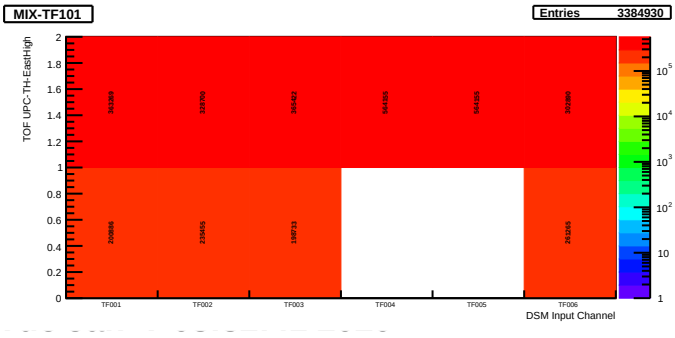

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

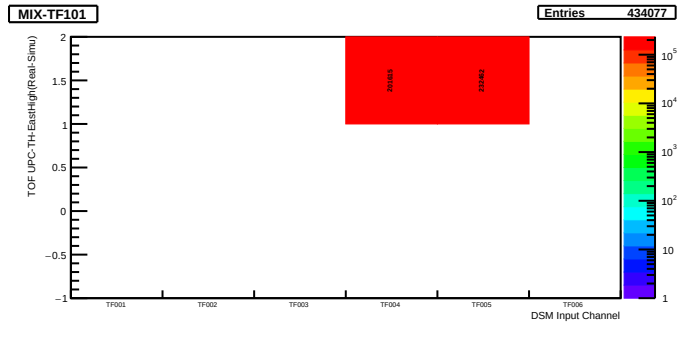

MIX-TF101
Entries 3384930
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

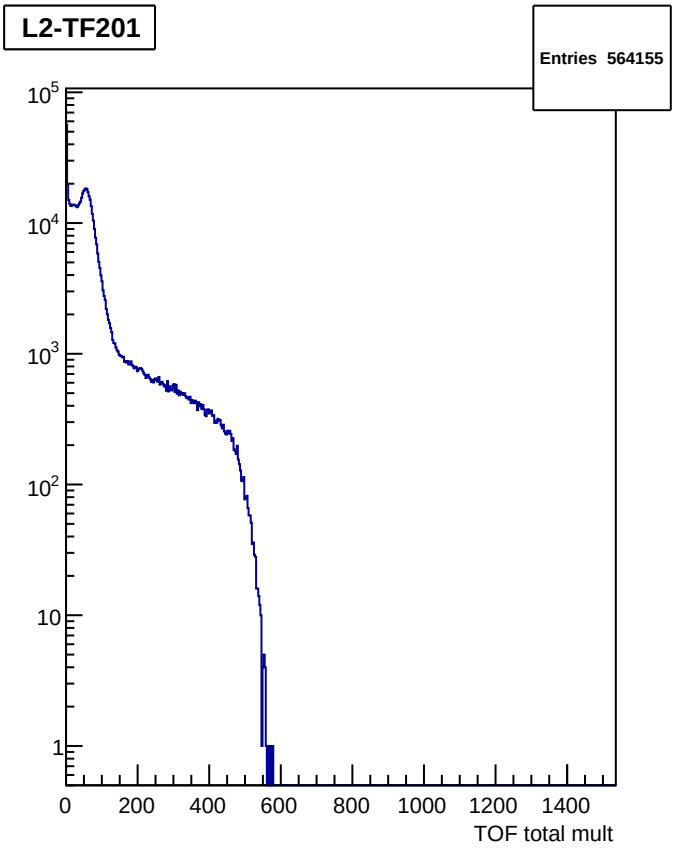

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

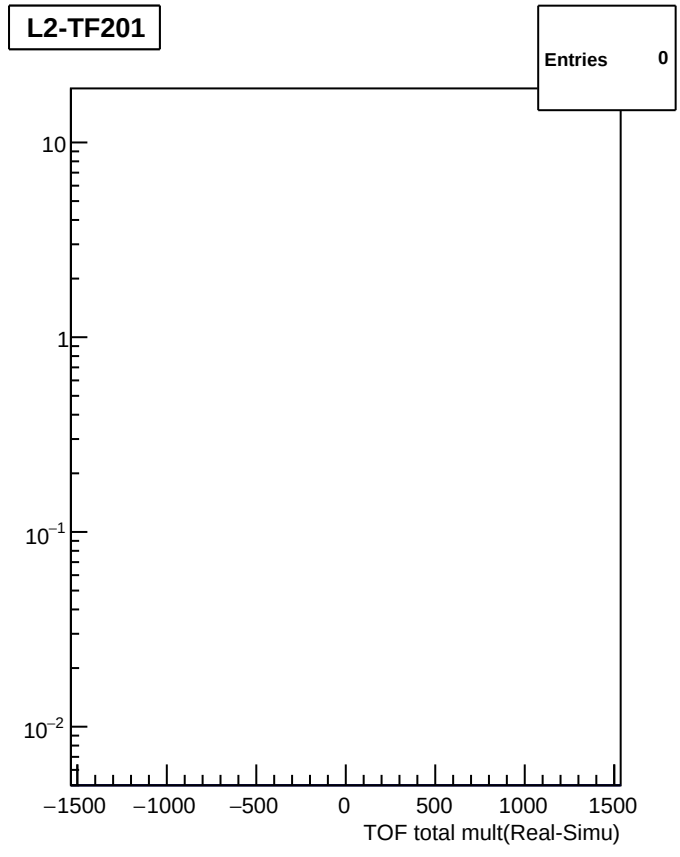

MIX-TF101
Entries 3384930
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

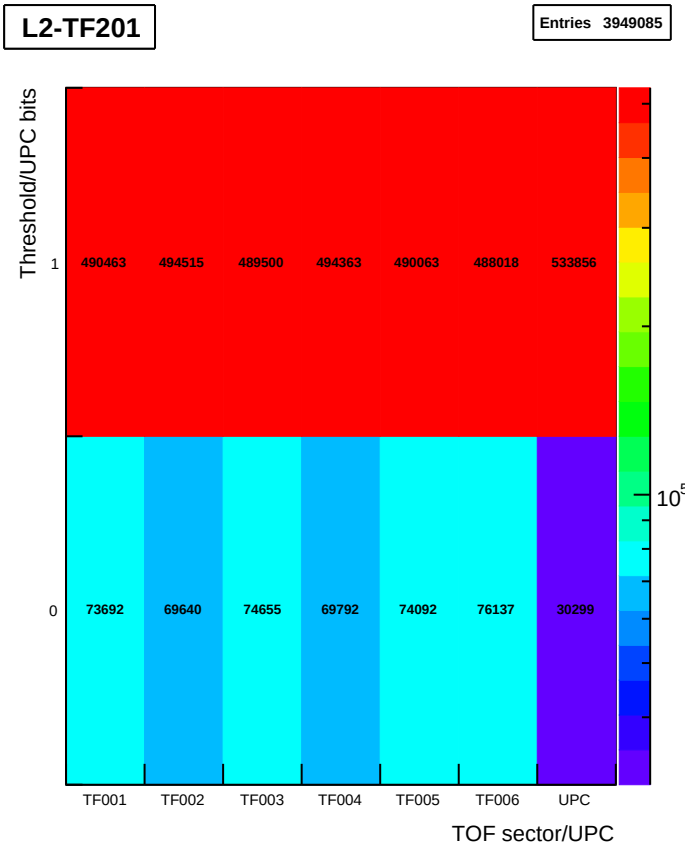

MIX-TF101
Entries 200506
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

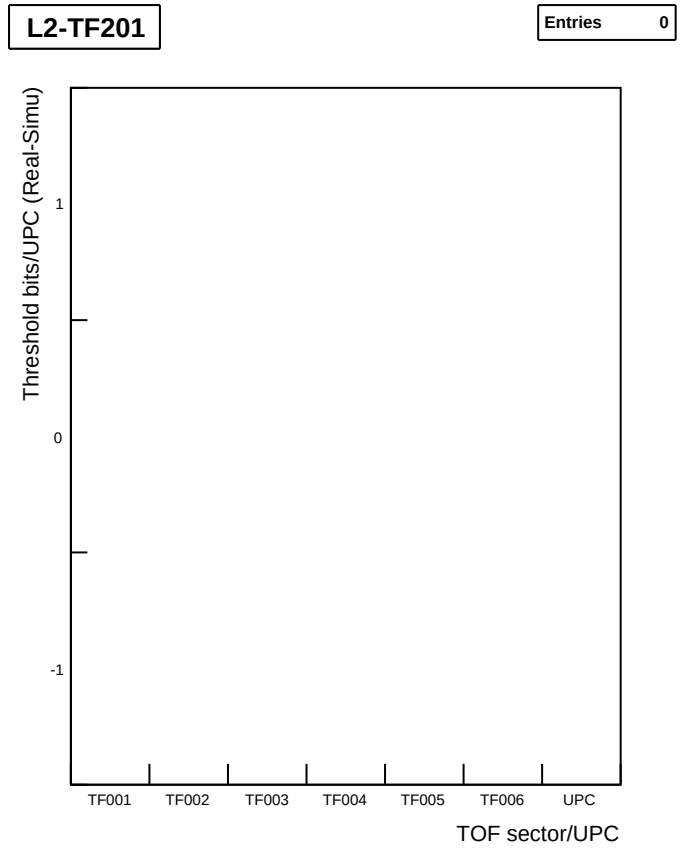

MIX-TF101
Entries 3384930
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

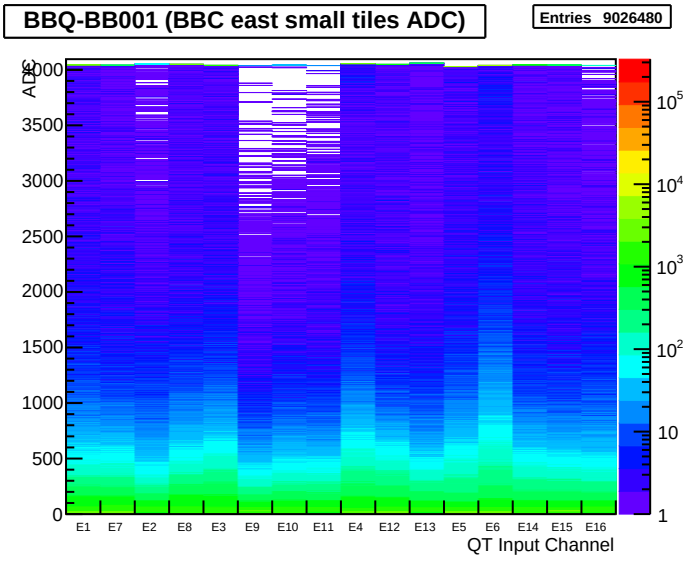

MIX-TF101
Entries 434077
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

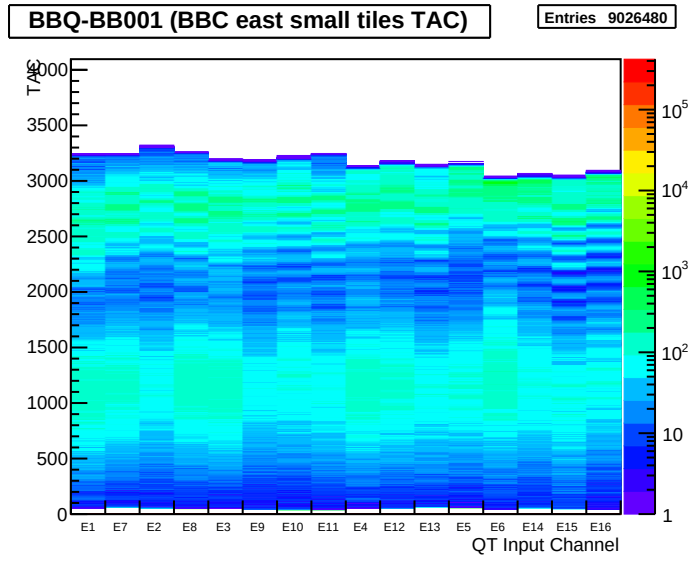

L2-TF201
Entries 564155
TOF total mult

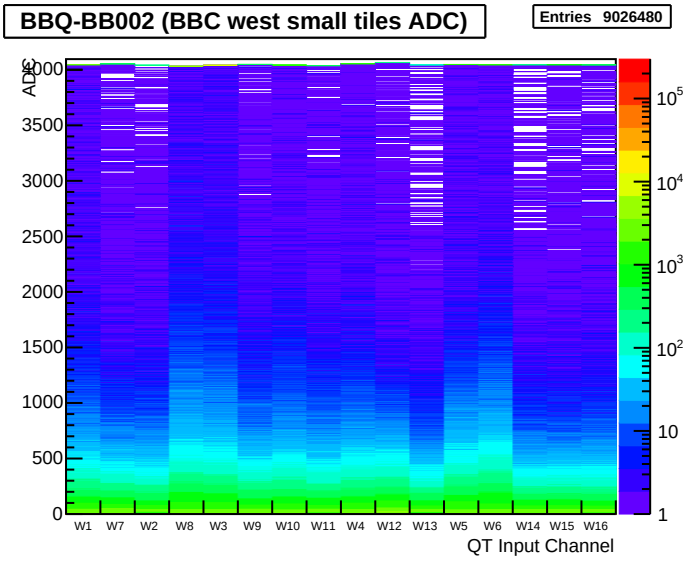

L2-TF201
Entries 0
TOF total mult(Real-Simu)

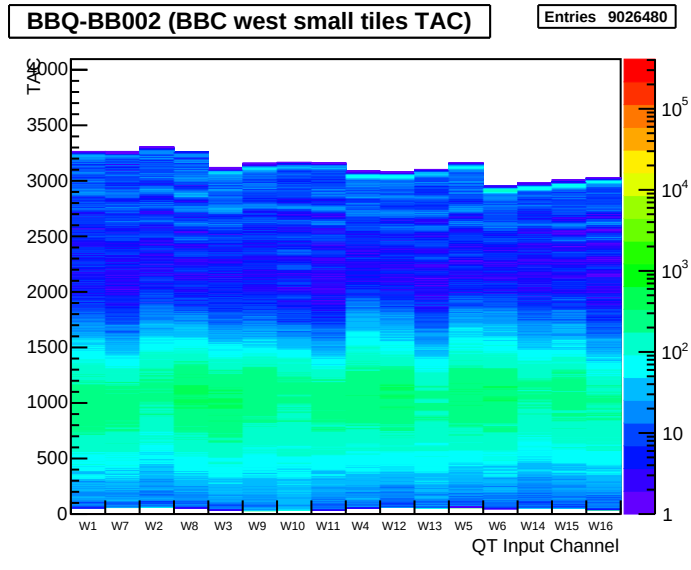

L2-TF201
Entries 3949085
Threshold/UPC bits
490463
494515
489500
494363
490063
488018
533856
73692
69640
74655
69792
74092
76137
30299
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

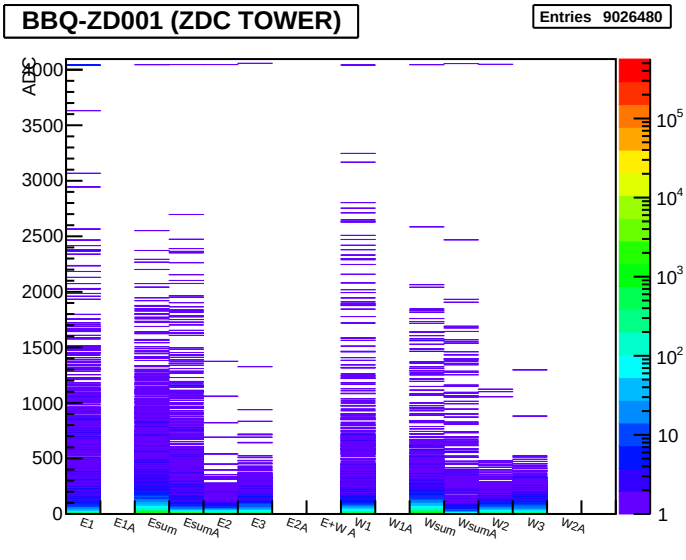

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

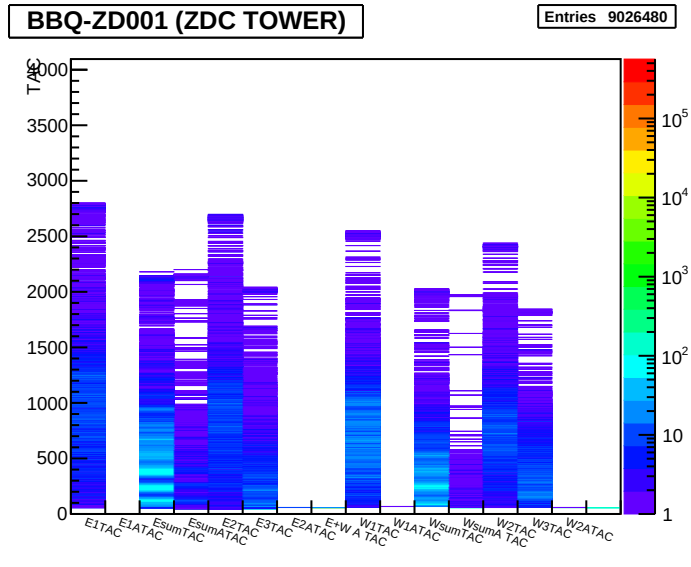

BBQ-BB001 (BBC east small tiles ADC)
Entries 9026480
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

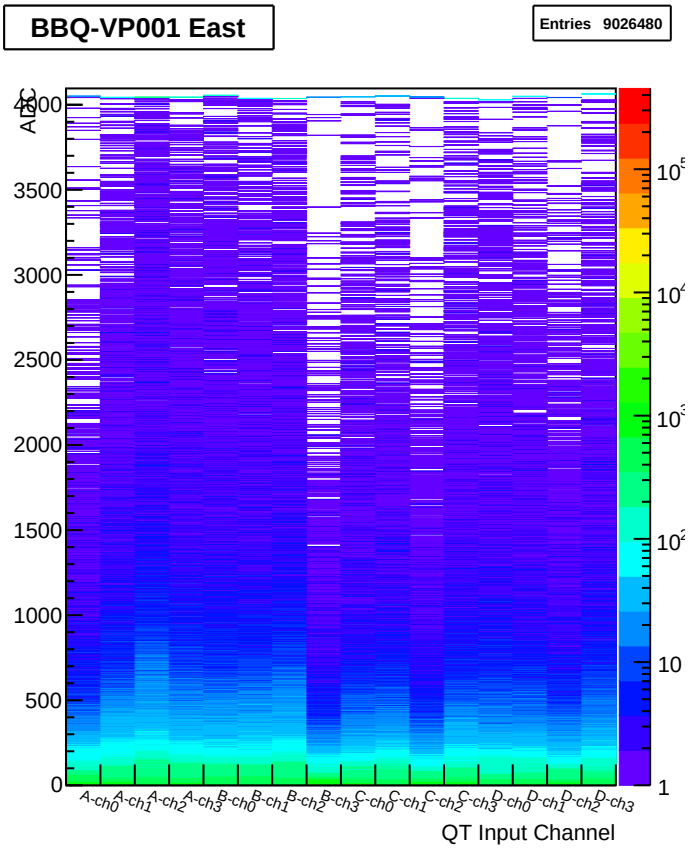

BBQ-BB001 (BBC east small tiles TAC)
Entries 9026480
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

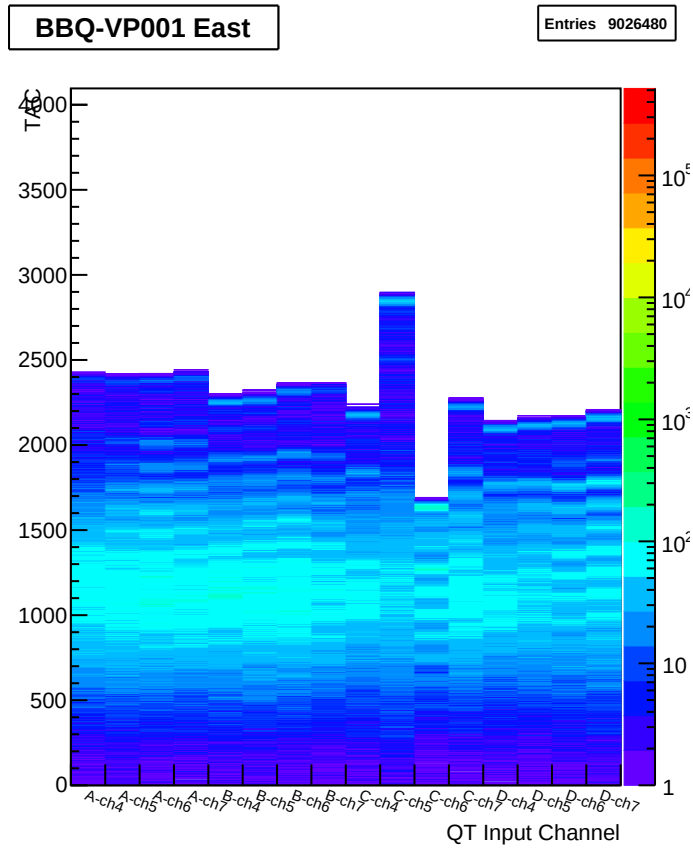

BBQ-BB002 (BBC west small tiles ADC)
Entries 9026480
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

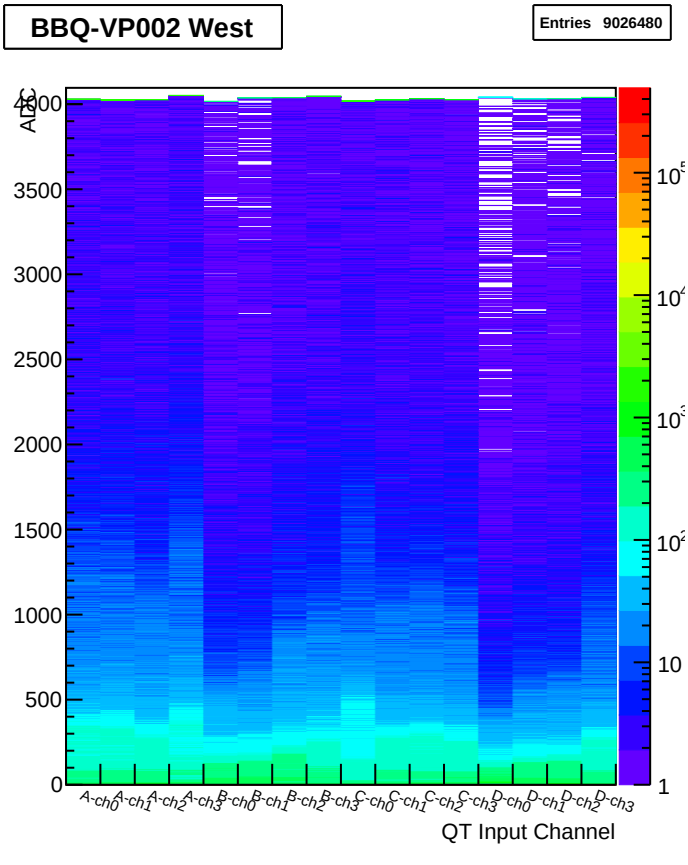

BBQ-BB002 (BBC west small tiles TAC)
Entries 9026480
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

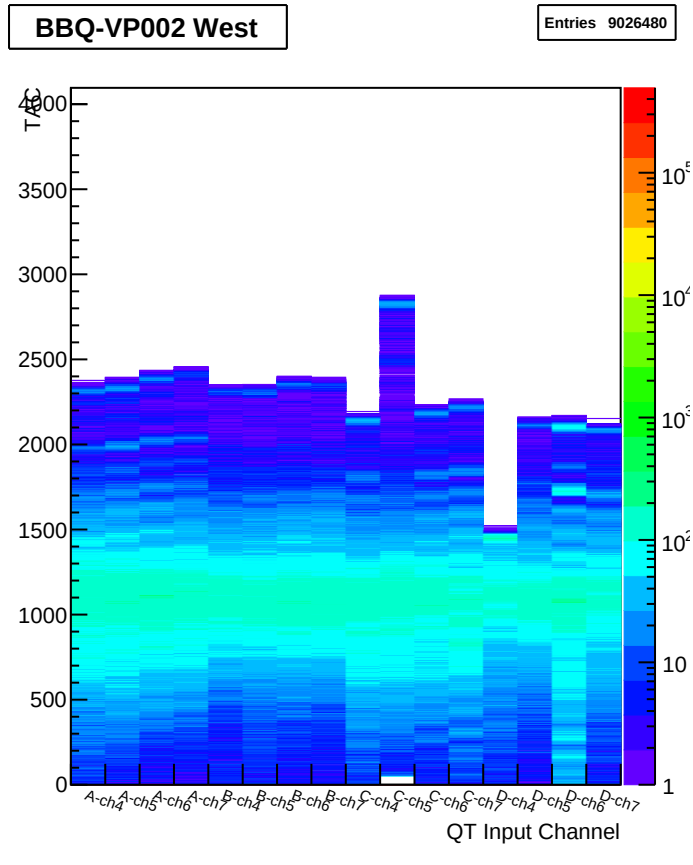

BBQ-ZD001 (ZDC TOWER)
Entries 9026480
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

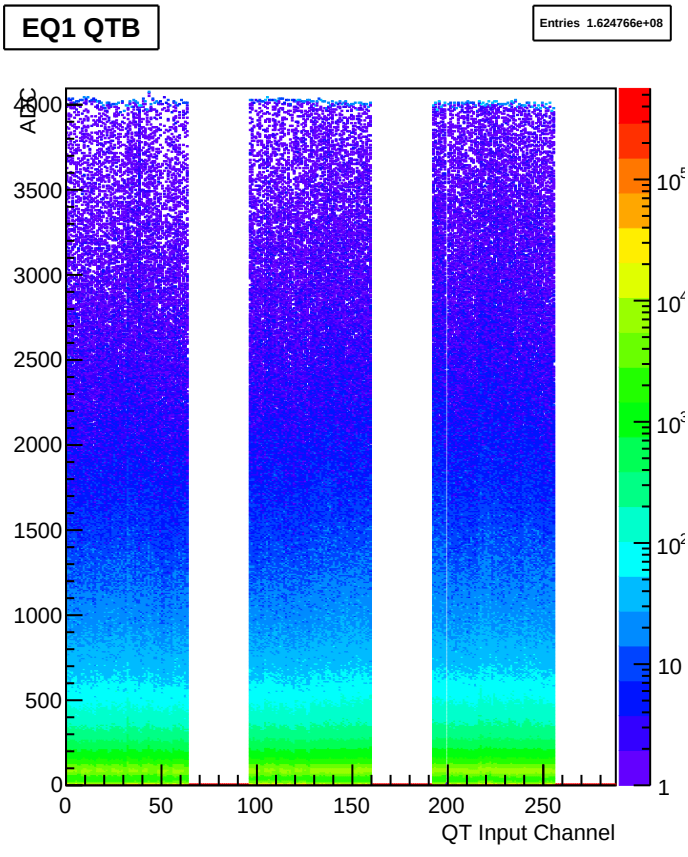

BBQ-ZD001 (ZDC TOWER)
Entries 9026480
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

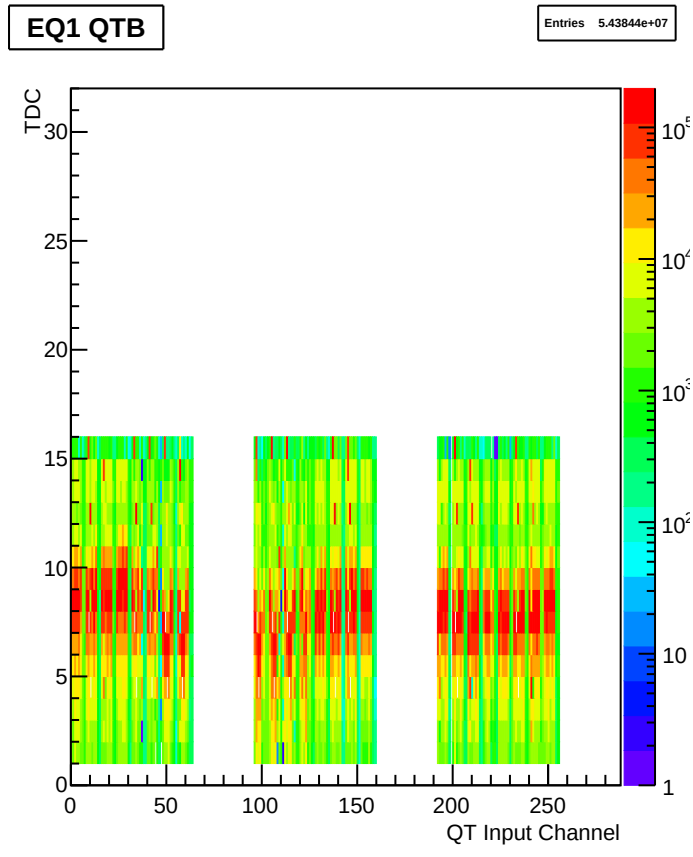

BBQ-VP001 East
Entries 9026480
ADC
QT Input Channel

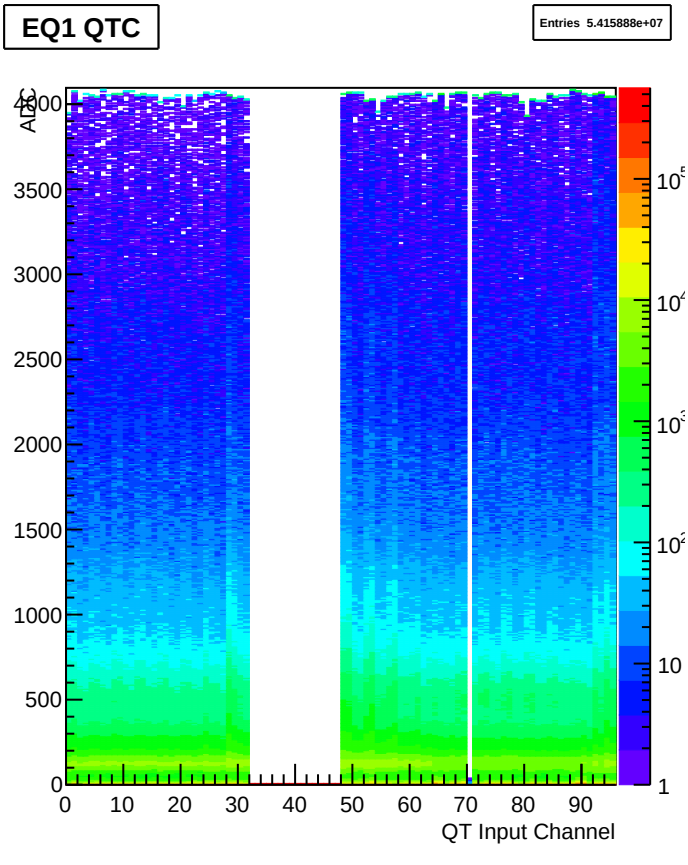

BBQ-VP001 East
Entries 9026480
TADC
QT Input Channel

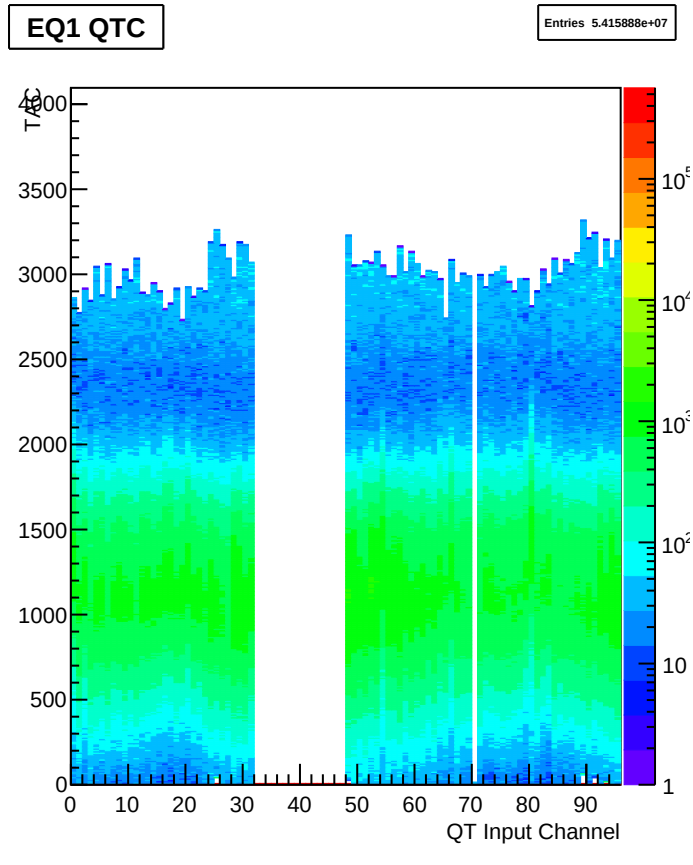

BBQ-VP002 West
Entries 9026480
ADC
QT Input Channel

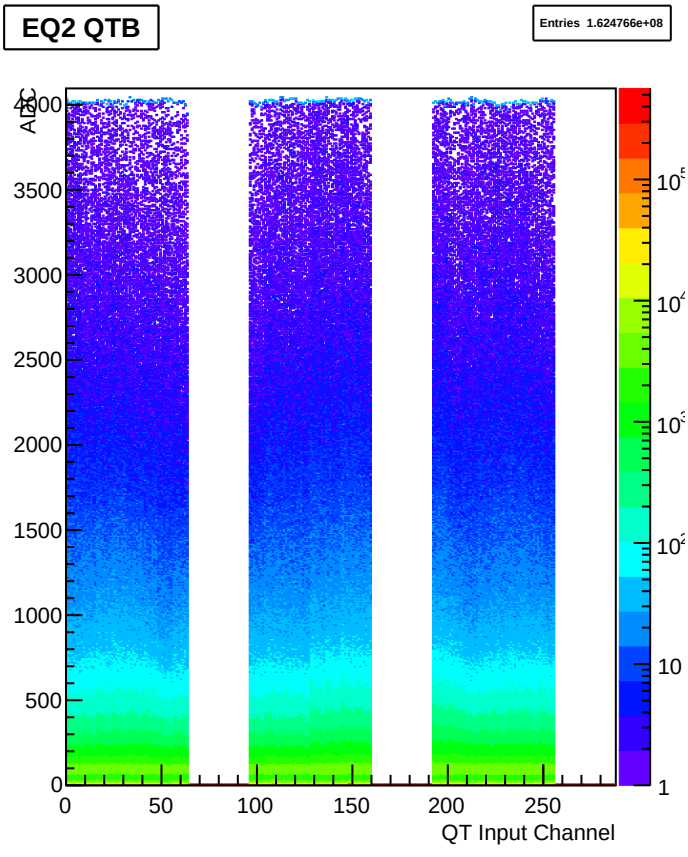

BBQ-VP002 West
Entries 9026480
TADC
QT Input Channel

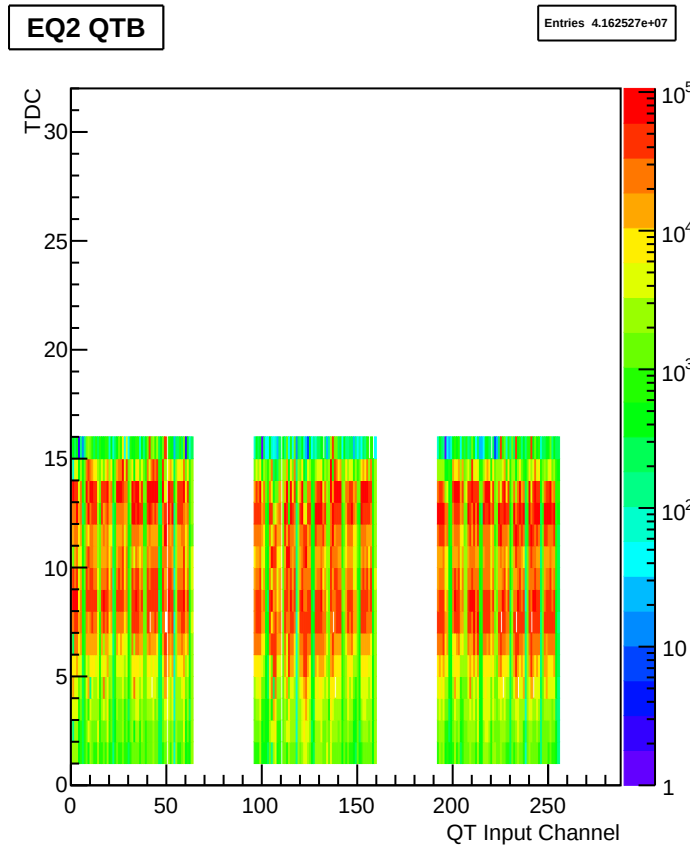

EQ1 QTB
Entries 1.624766e+08
ADC
QT Input Channel

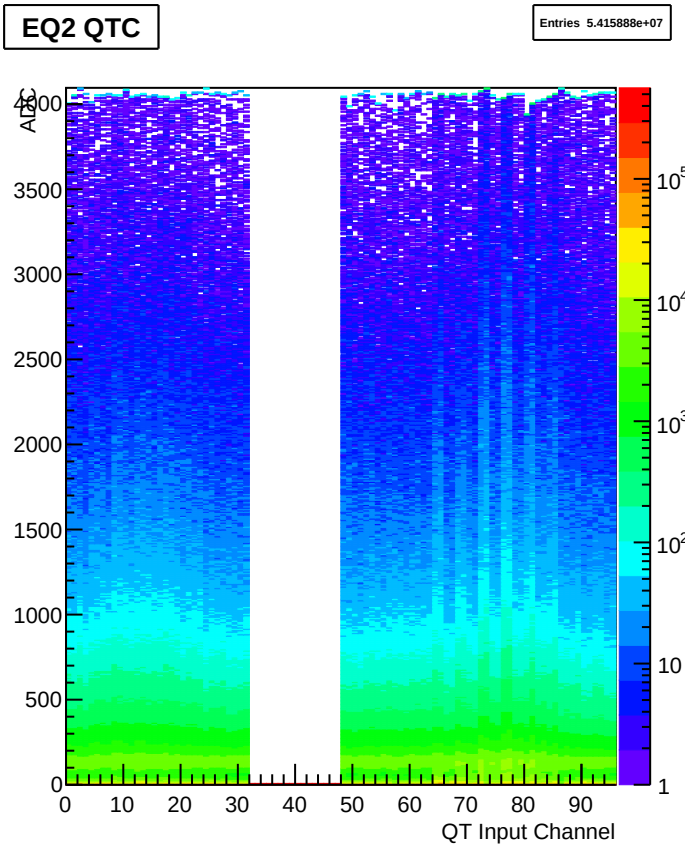

EQ1 QTB
Entries 5.43844e+07
TDC
QT Input Channel

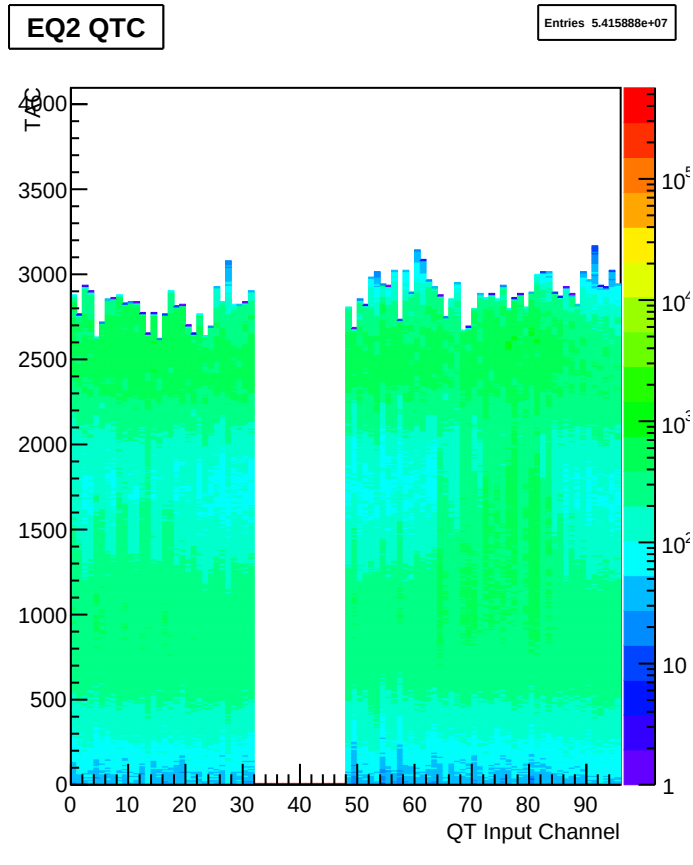

EQ1 QTC
Entries 5.415888e+07
ADC
QT Input Channel

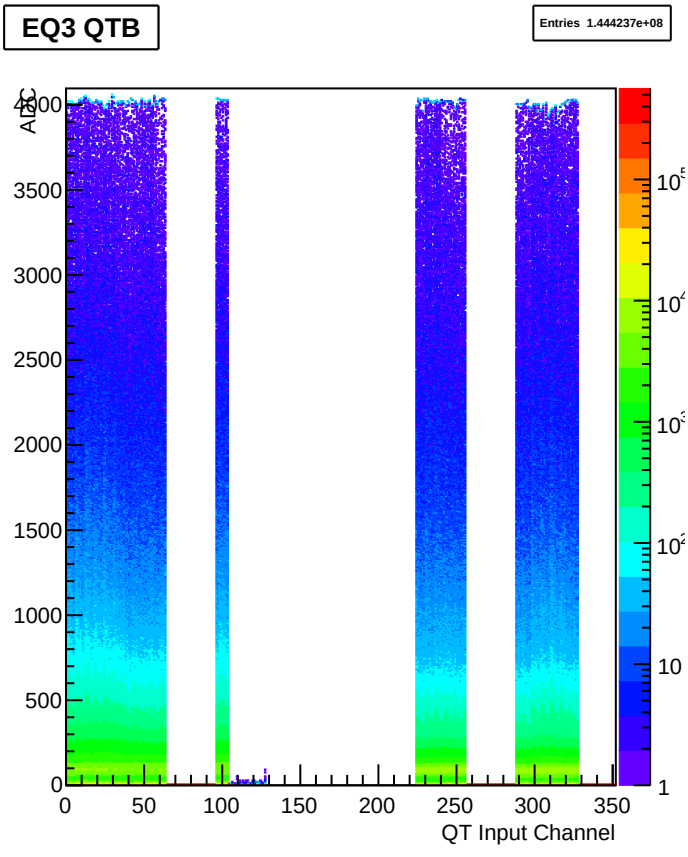

EQ1 QTC
Entries 5.415888e+07
TADC
QT Input Channel

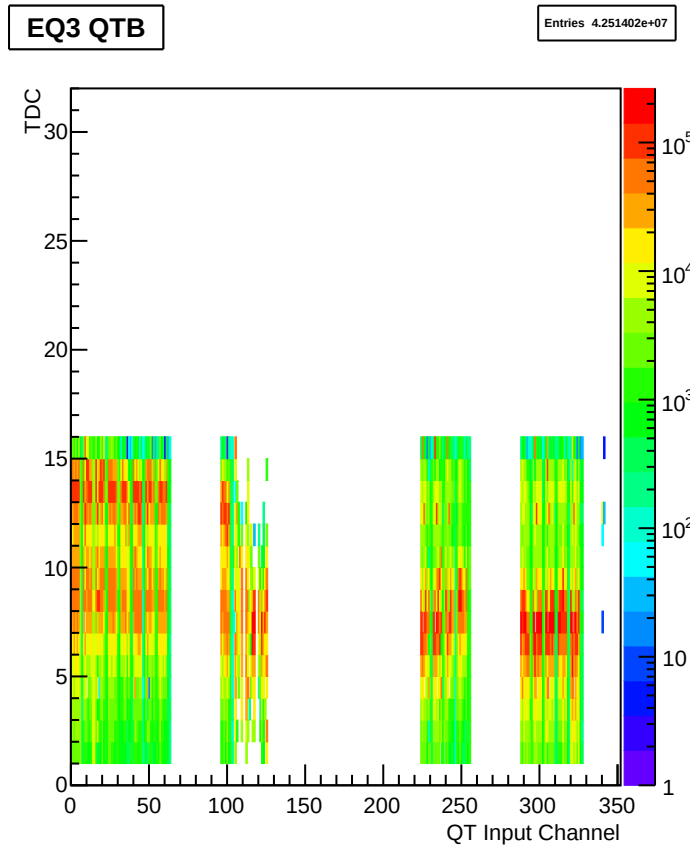

EQ2 QTB
Entries 1.624766e+08
ADC
QT Input Channel

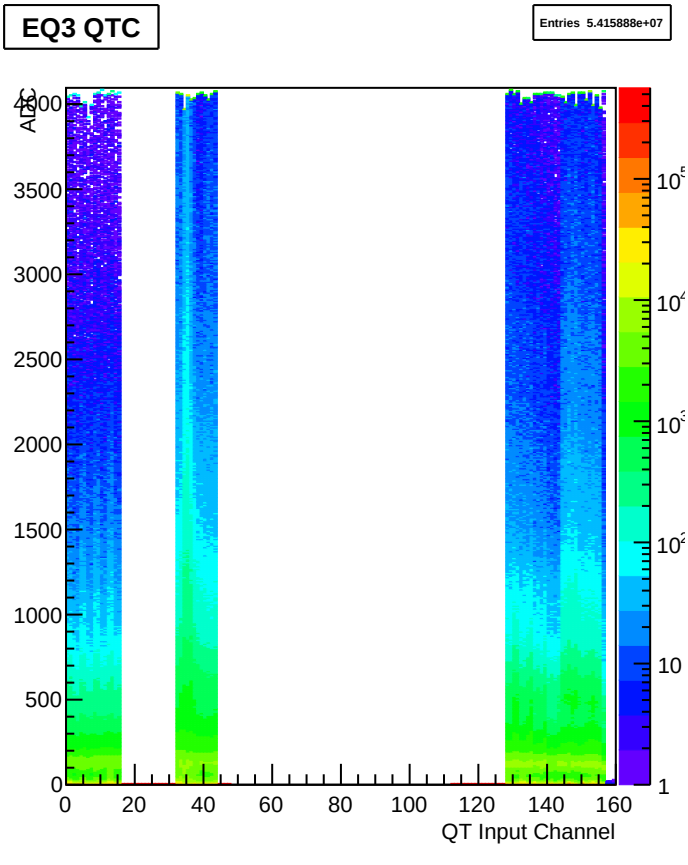

EQ2 QTB
Entries 4.162527e+07
TDC
QT Input Channel

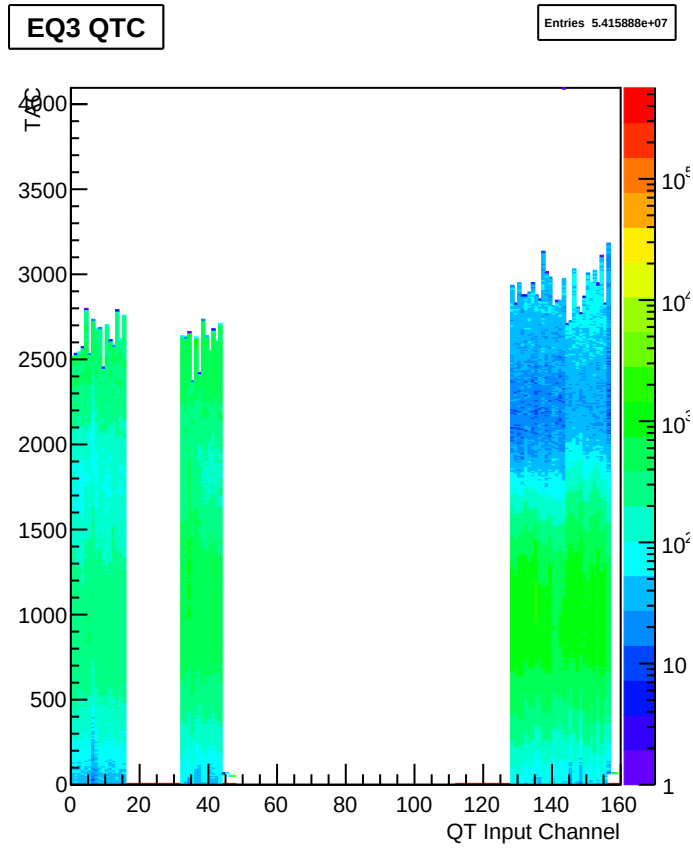

EQ2 QTC
Entries 5.415888e+07
ADC
QT Input Channel

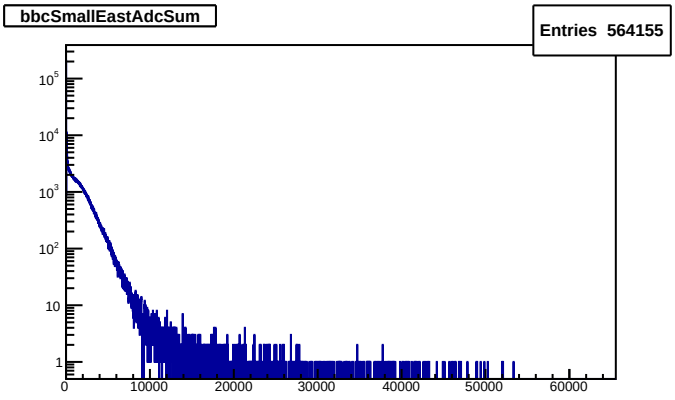

EQ2 QTC
Entries 5.415888e+07
TADC
QT Input Channel

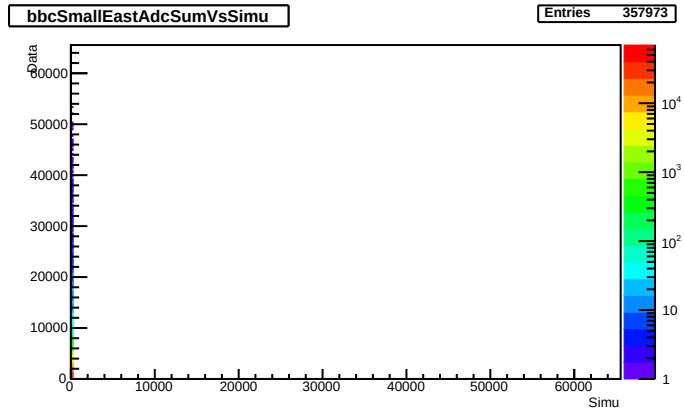

EQ3 QTB
Entries 1.444237e+08
ADC
QT Input Channel

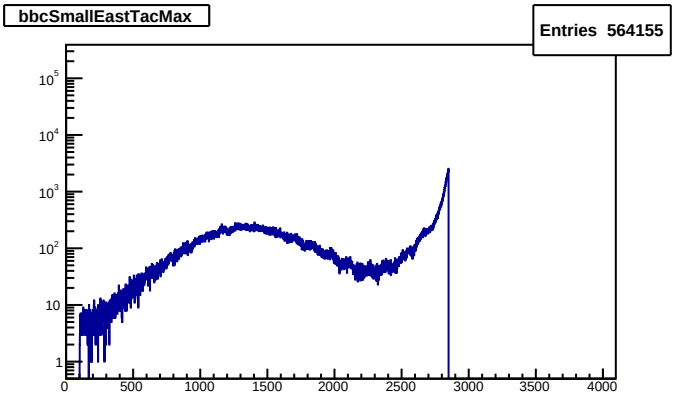

EQ3 QTB
Entries 4.251402e+07
TDC
QT Input Channel

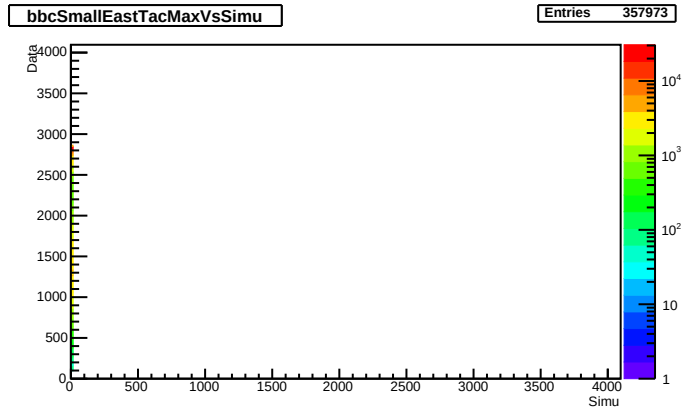

EQ3 QTC
Entries 5.415888e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.415888e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 564155


bbcSmallEastAdcSumVsSimu
Entries 357973
Data
Simu


bbcSmallEastTacMax
Entries 564155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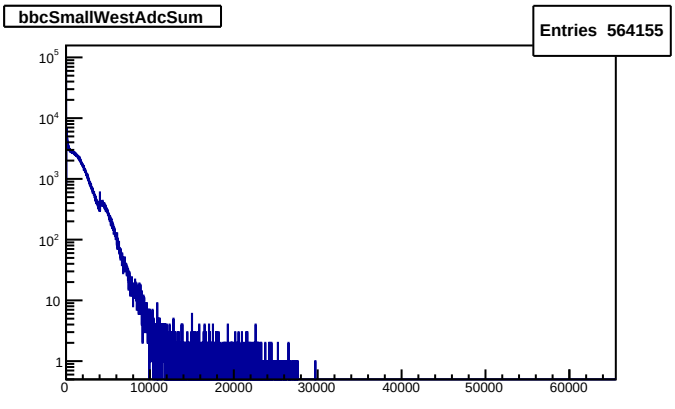
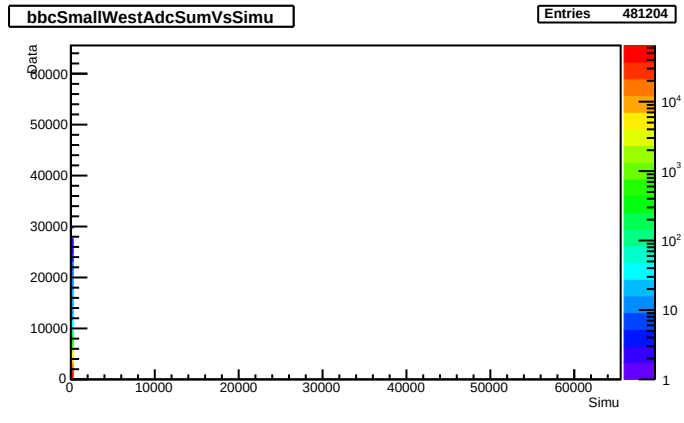
Entries 357973
Data
Simu


bbcSmallWestAdcSum
Entries 564155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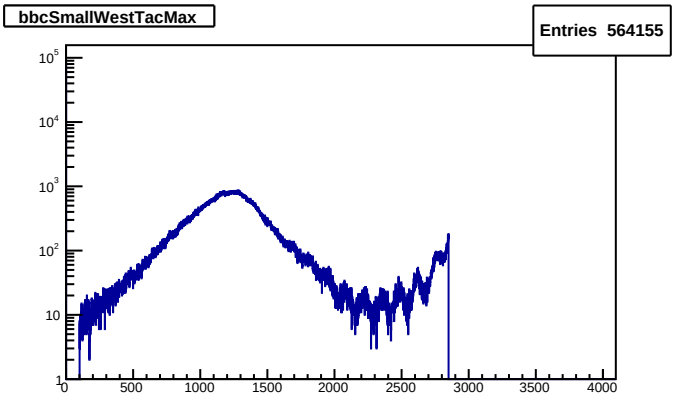
Entries 481204
Data
Simu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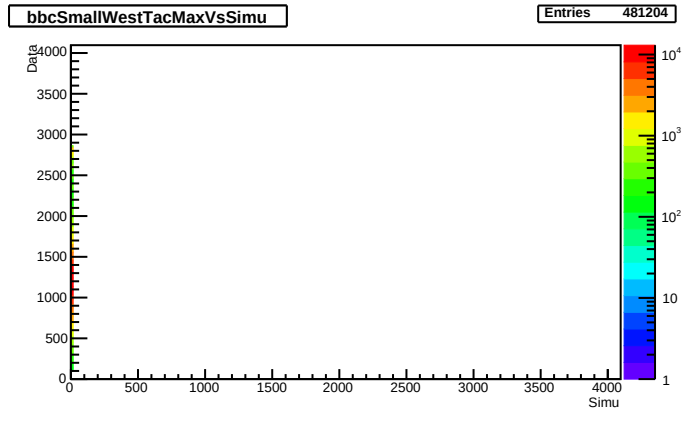
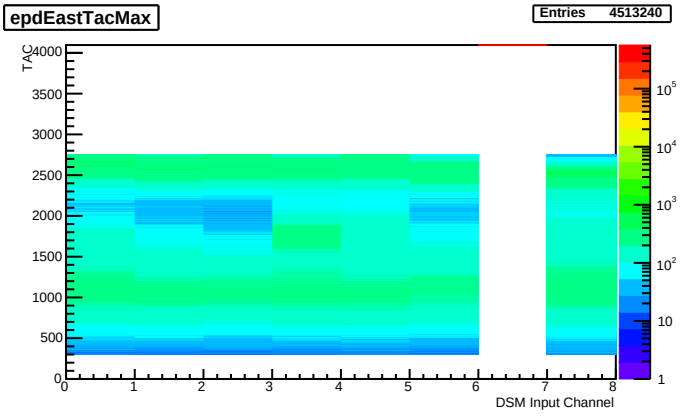
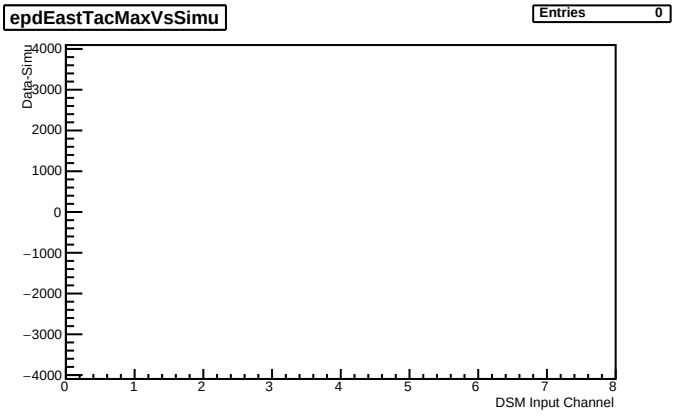
Entries 564155


bbcSmallWestTacMaxVsSimu
Entries 481204
Data
Simu


epdEastTacMax
Entries 4513240
TAC
DSM Input Channel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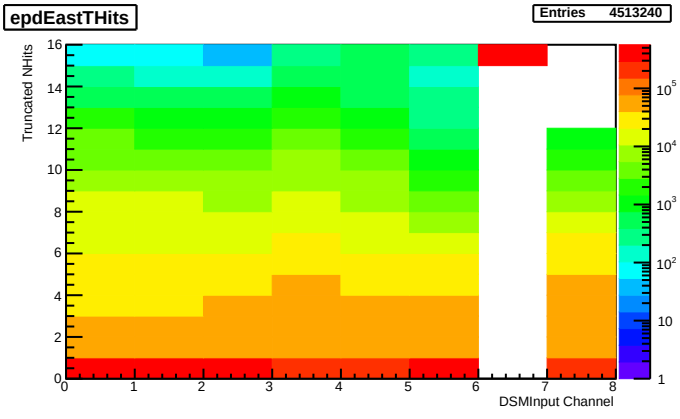
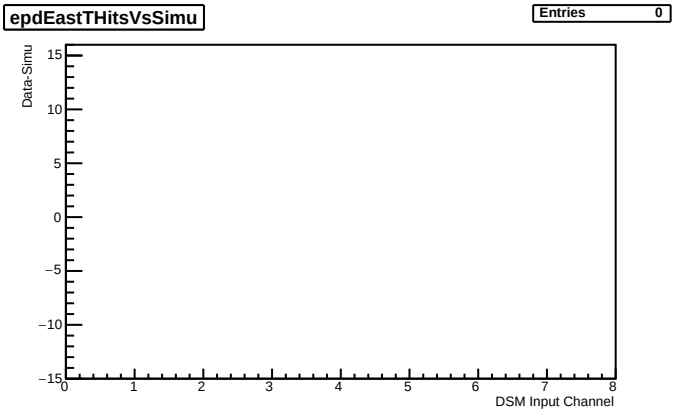
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4513240
Truncated NHits
DSMInput Channel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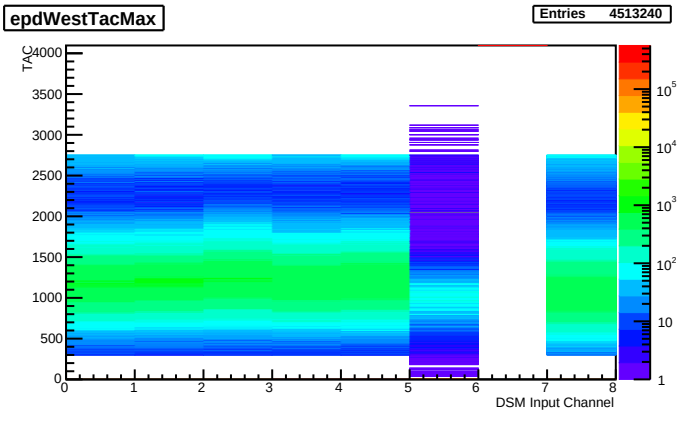
Entries 0
Data-Simu
DSM Input Channel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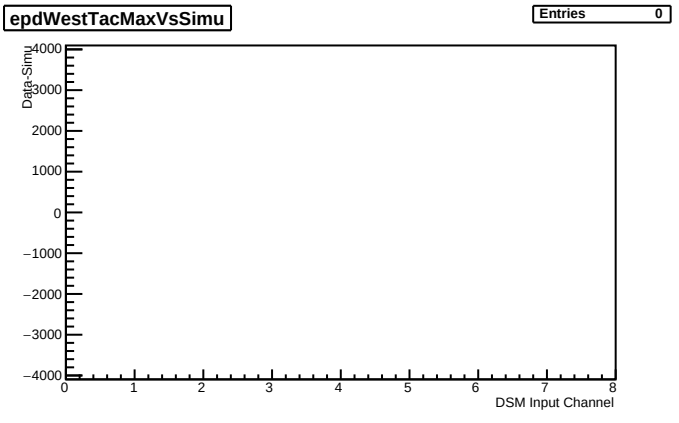
Entries 4513240
TAC
DSM Input Channel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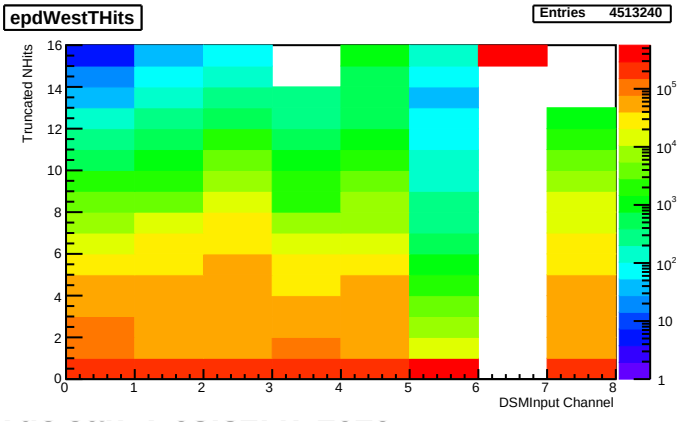
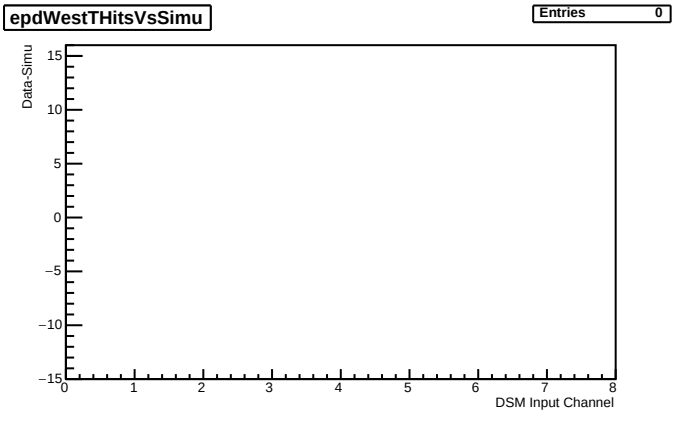
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4513240
Truncated NHits
DSMInput Channel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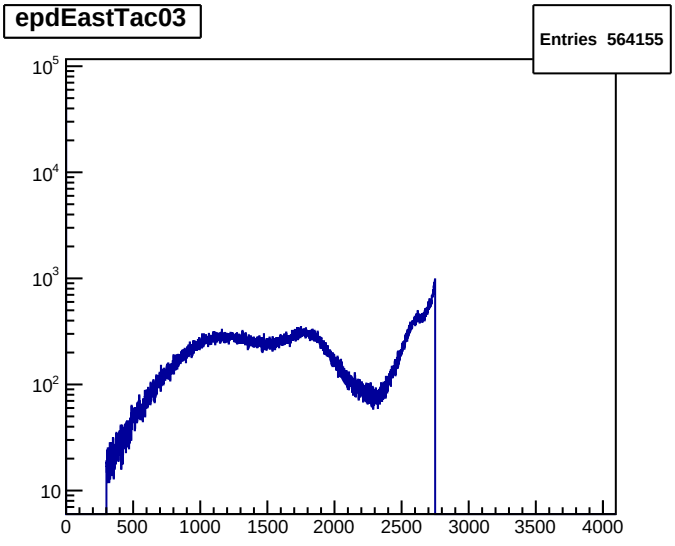
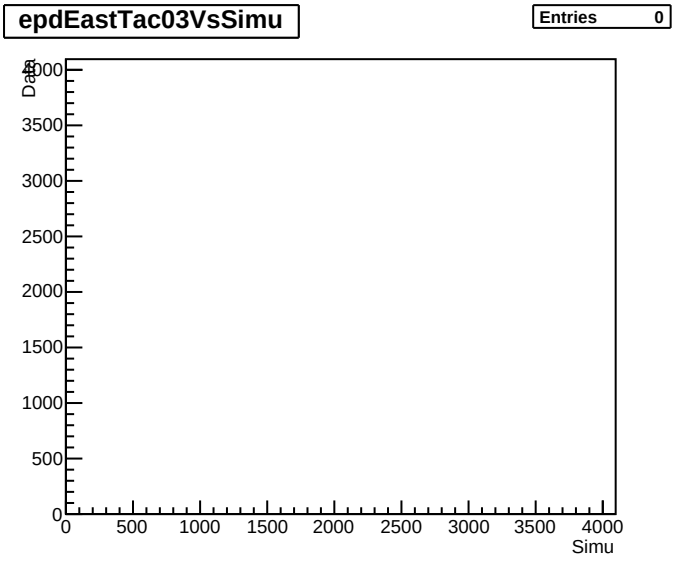
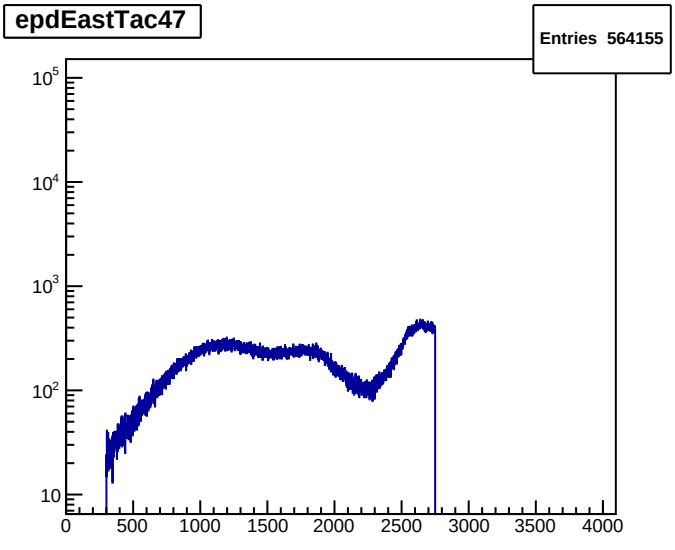
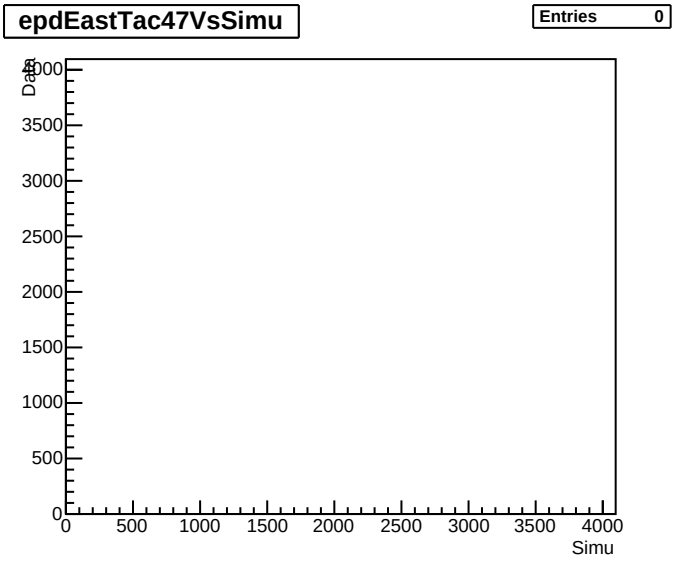
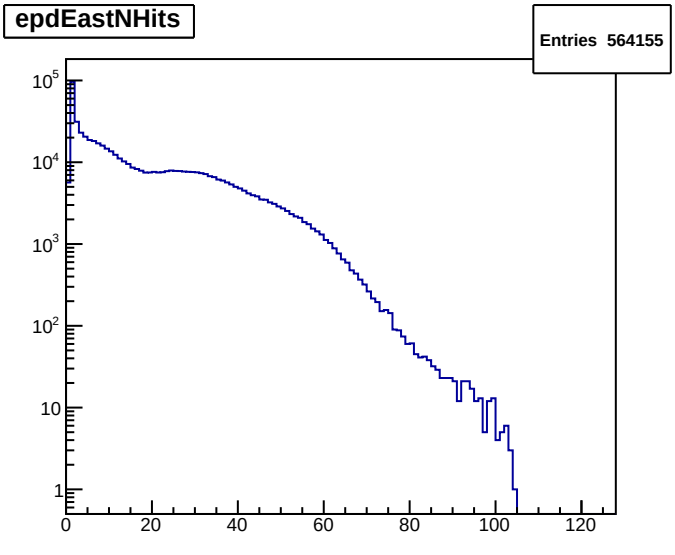
Entries 0
Data-Simu
DSM Input Channel

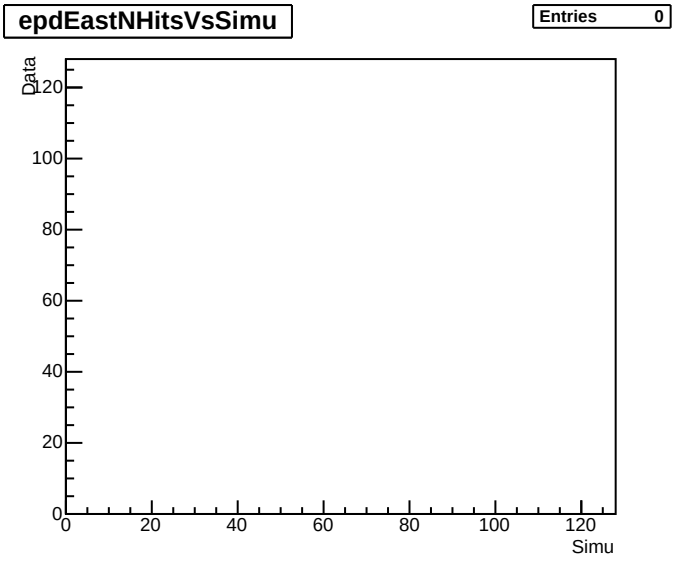

epdEastTac03
Entries 564155


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 564155


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 564155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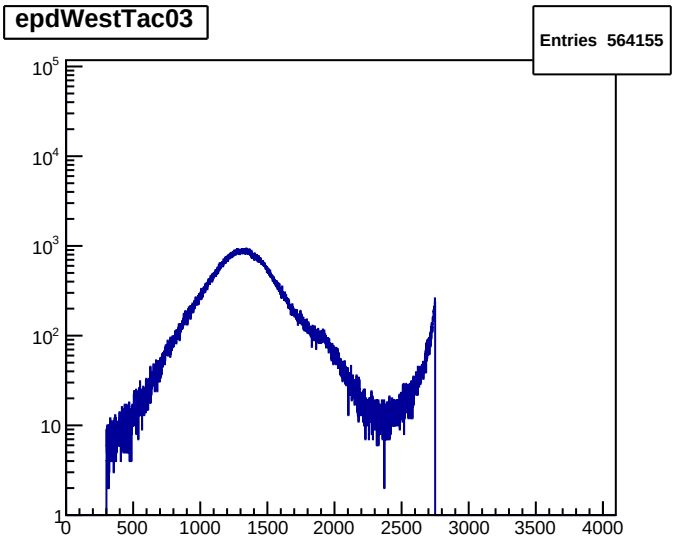
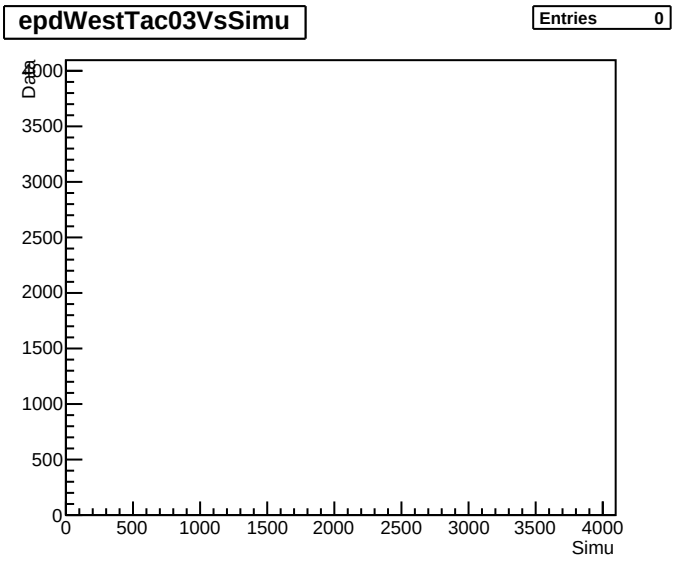
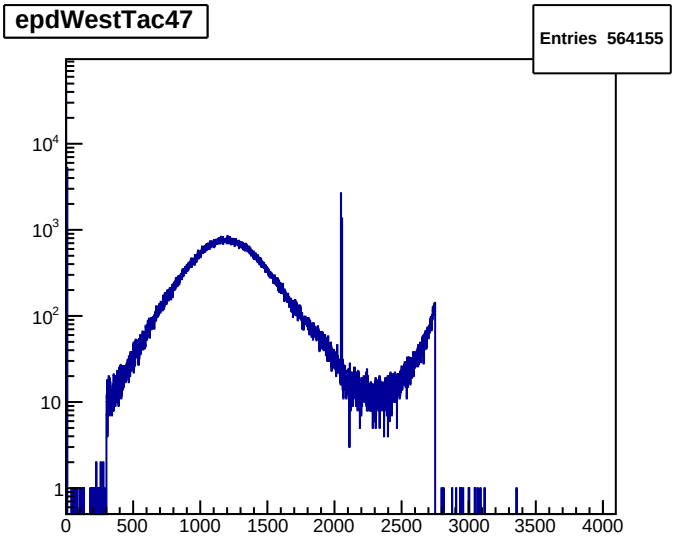
Entries 0
Data
Simu


epdWestTac03
Entries 564155


epdWestTac03VsSimu
Entries 0
Data
Simu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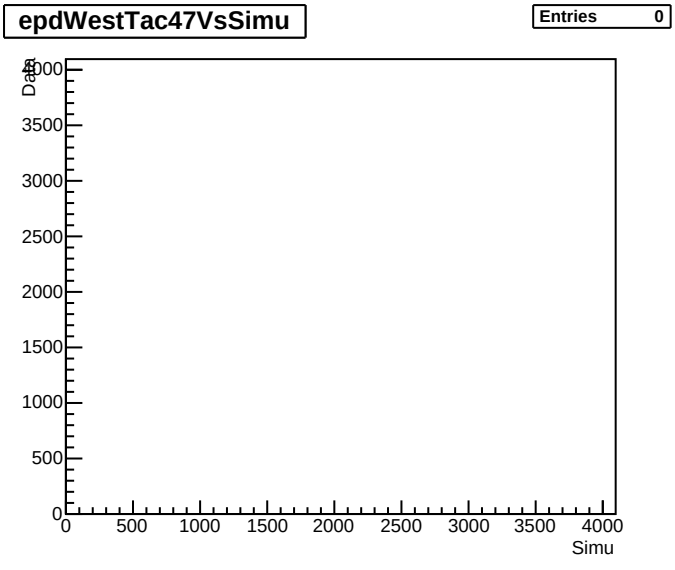
Entries 564155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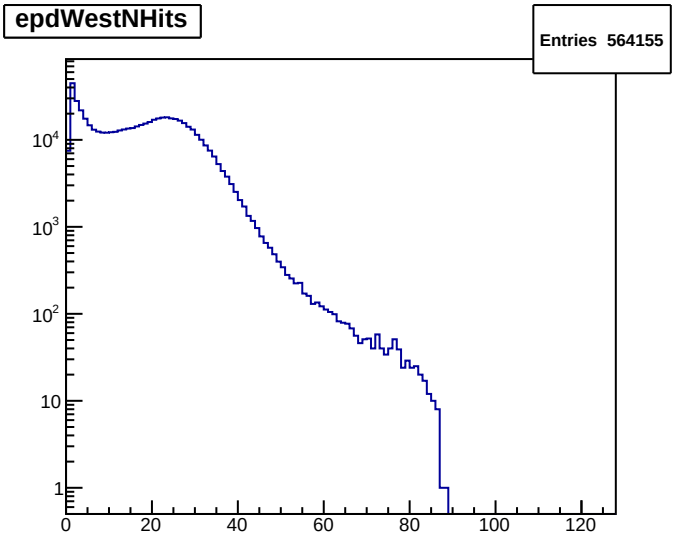
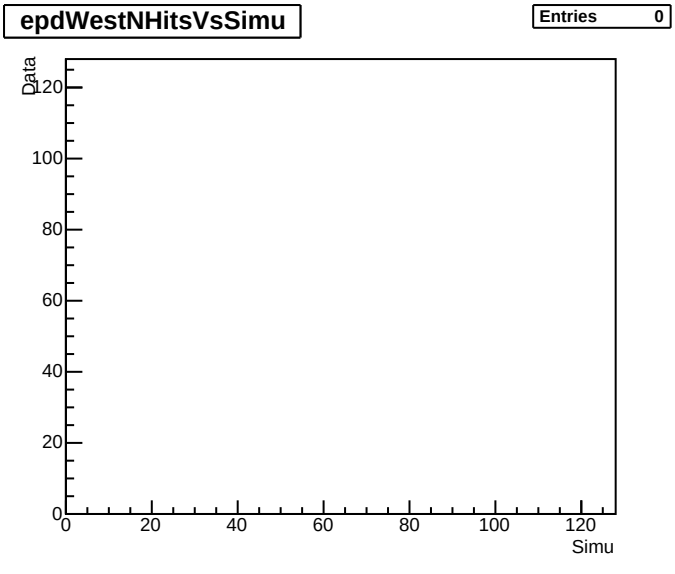
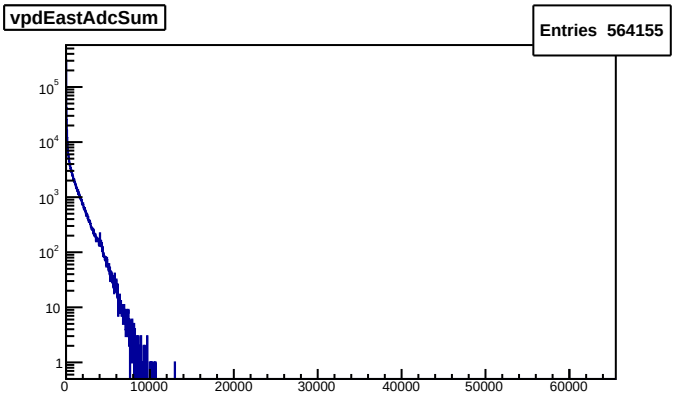
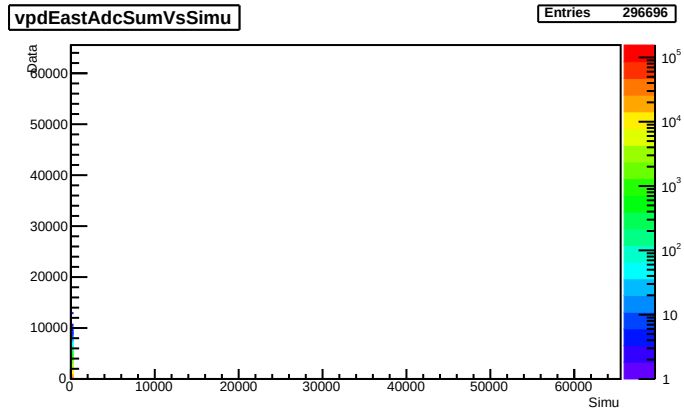
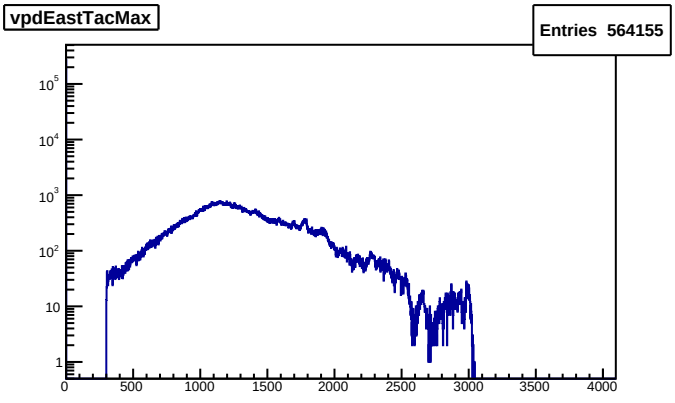
Entries 0
Data
Simu

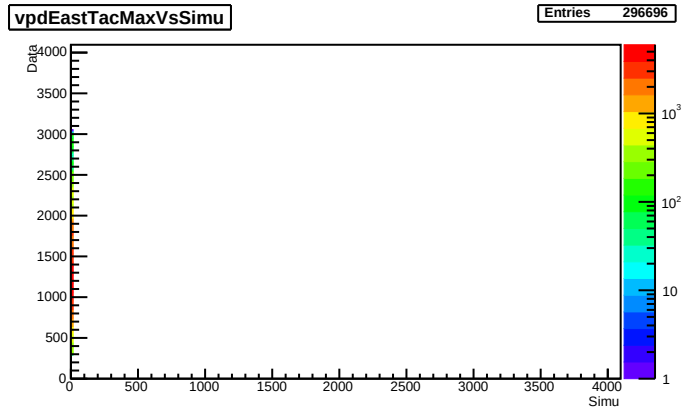

epdWestNHits
Entries 564155

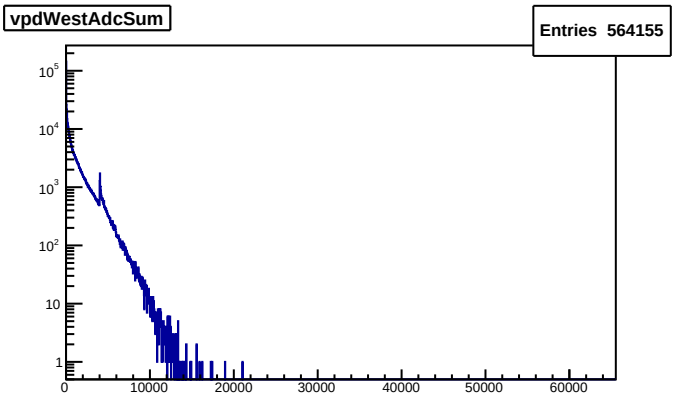

epdWestNHitsVsSimu
Entries 0
Data
Simu

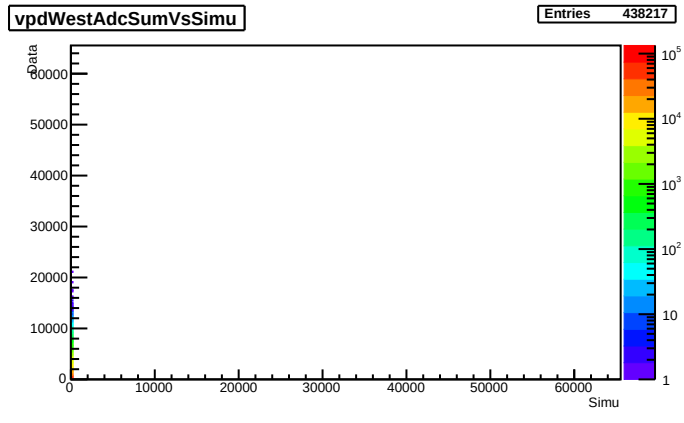

vpdEastAdcSum
Entries 564155

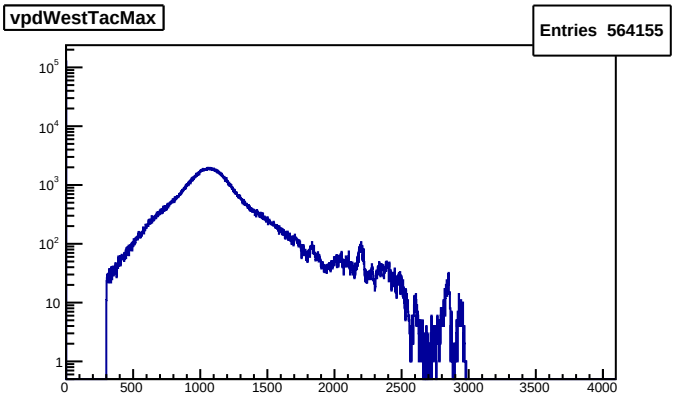

vpdEastAdcSumVsSimu
Entries 296696
Data
Simu

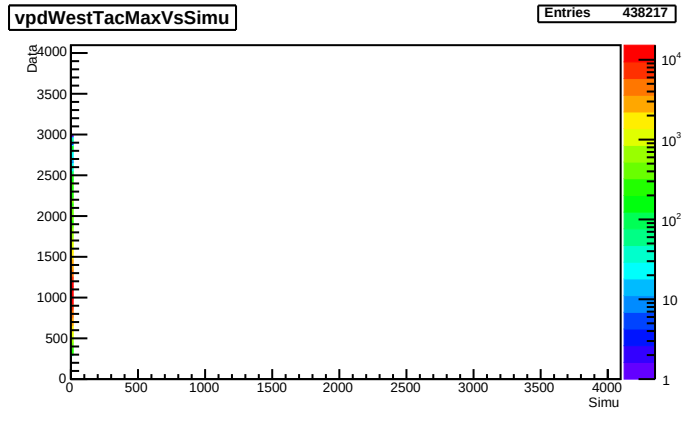

vpdEastTacMax
Entries 564155

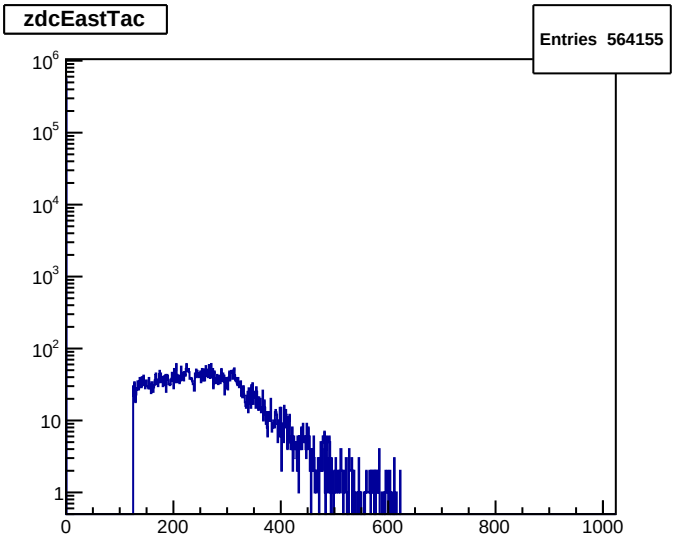

vpdEastTacMaxVsSimu
Entries 296696
Data
Simu

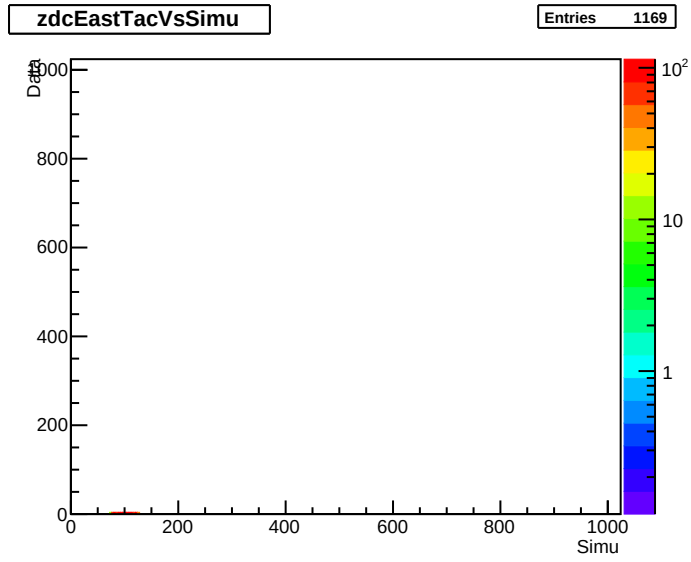

vpdWestAdcSum
Entries 564155

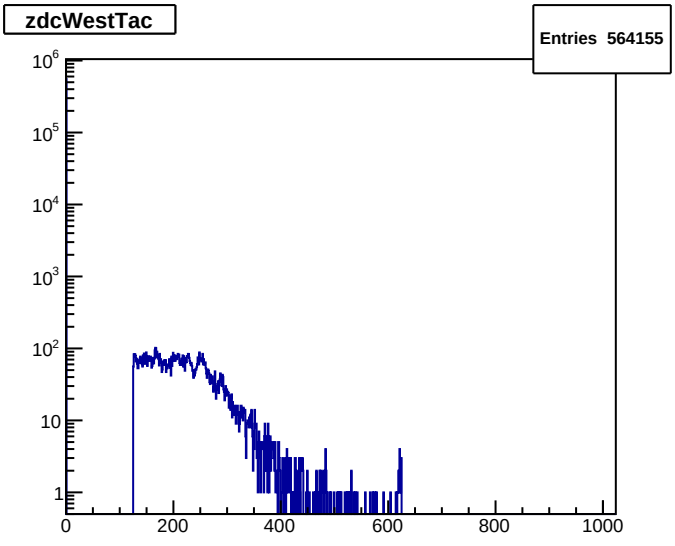

vpdWestAdcSumVsSimu
Entries 438217
Data
Simu

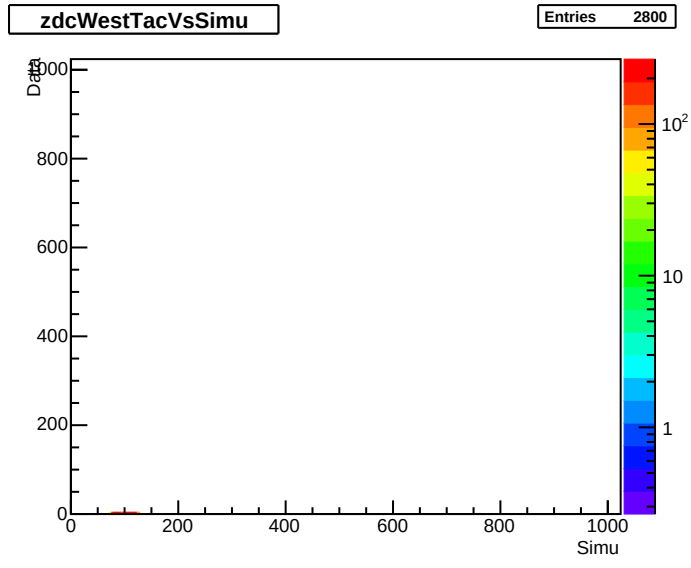

vpdWestTacMax
Entries 564155

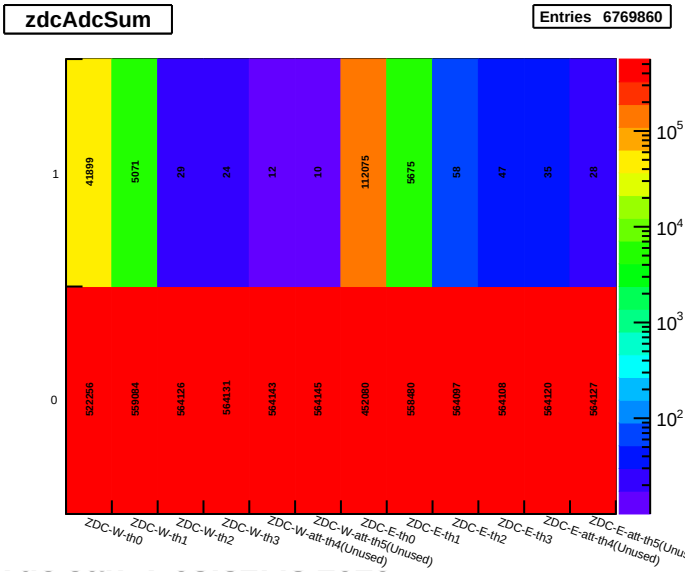

vpdWestTacMaxVsSimu
Entries 438217
Data
Simu

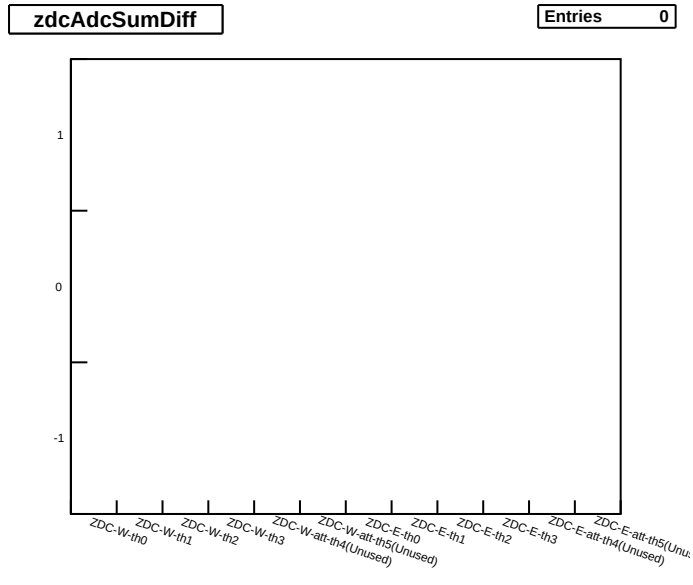

zdcEastTac
Entries 564155

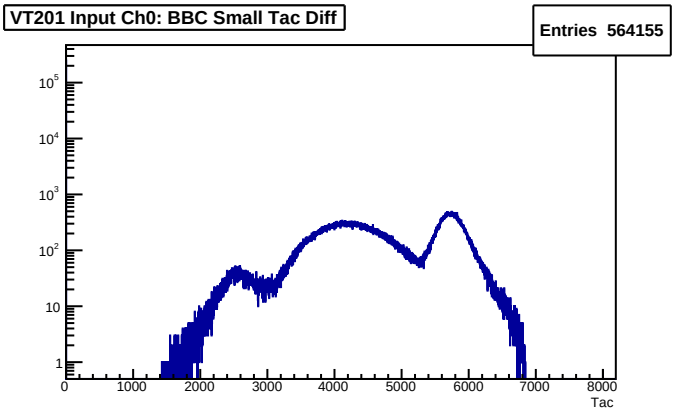

zdcEastTacVsSimu
Entries 1169
Data
Simu

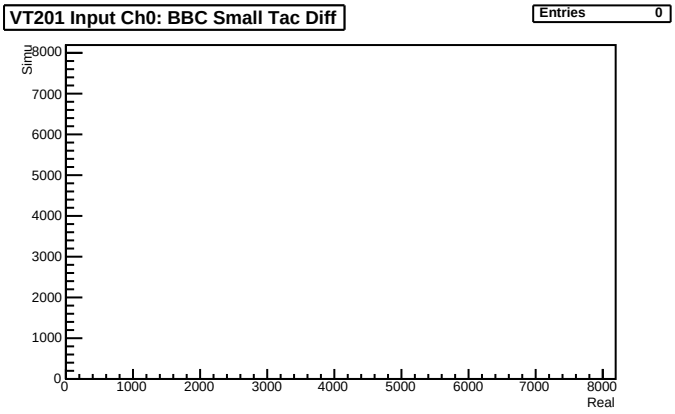

zdcWestTac
Entries 564155

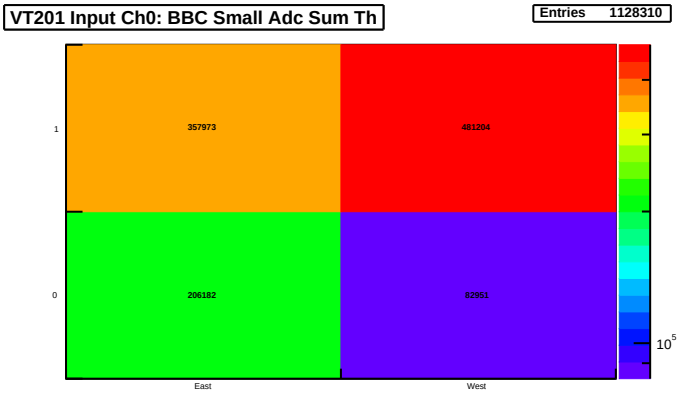

zdcWestTacVsSimu
Entries 2800
Data
Simu

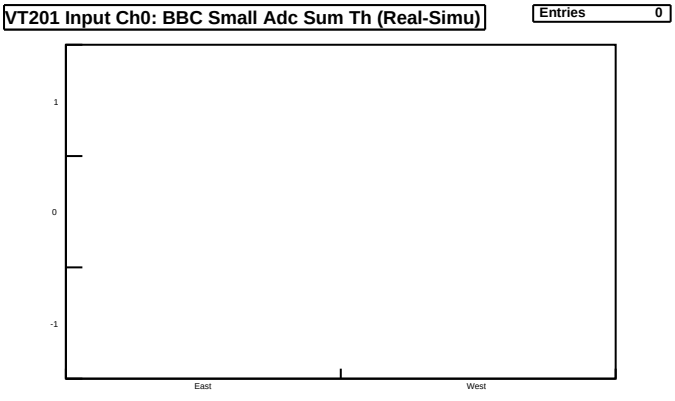

zdcAdcSum
Entries 6769860
41899
5071
29
24
12
10
112075
5675
58
47
35
28
522256
559084
564126
564131
564143
564145
452680
558480
564097
564108
564120
564127
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

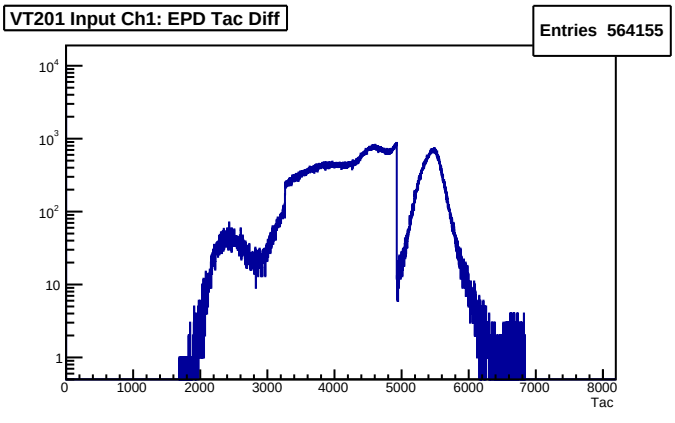

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

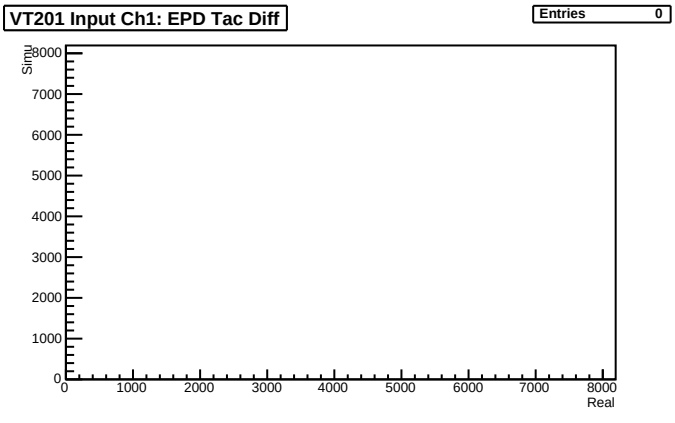

VT201 Input Ch0: BBC Small Tac Diff
Entries 564155
Tac

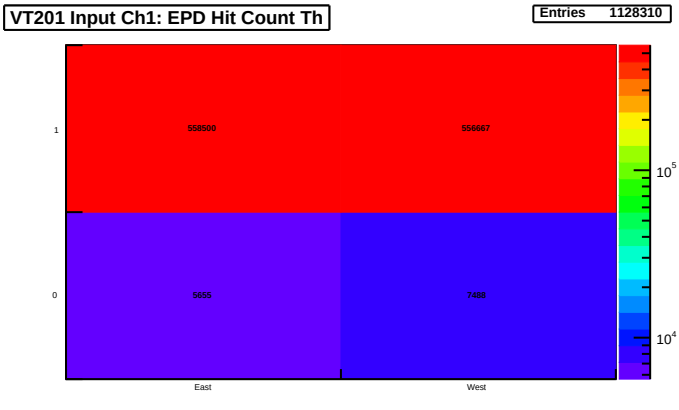

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

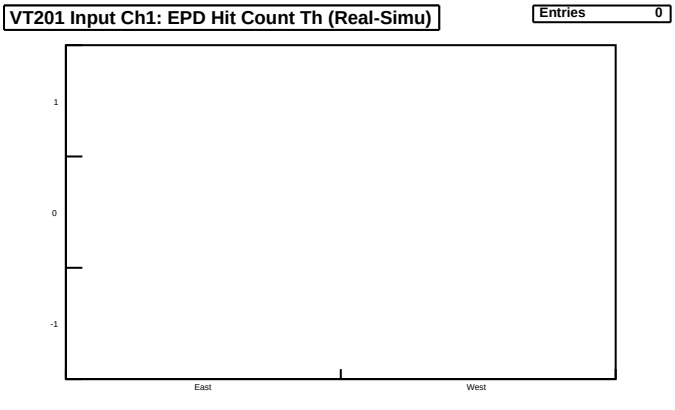

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1128310
357973
481204
206182
82951
East
West

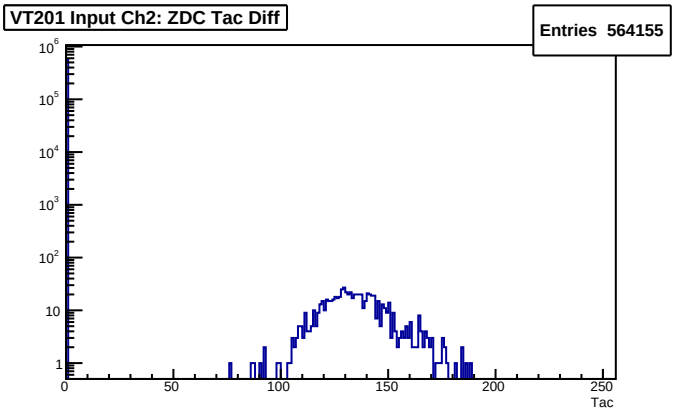

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

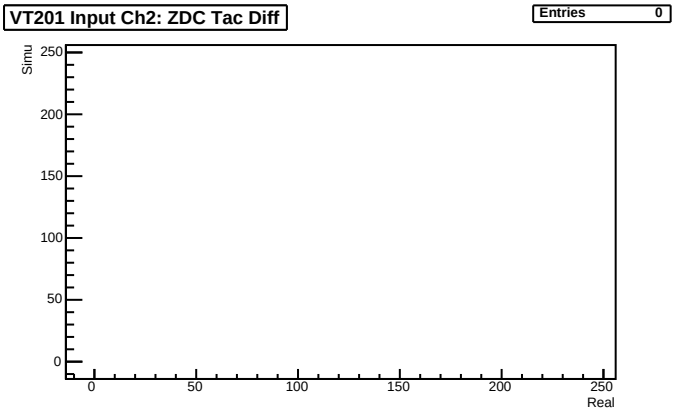

VT201 Input Ch1: EPD Tac Diff
Entries 564155
Tac

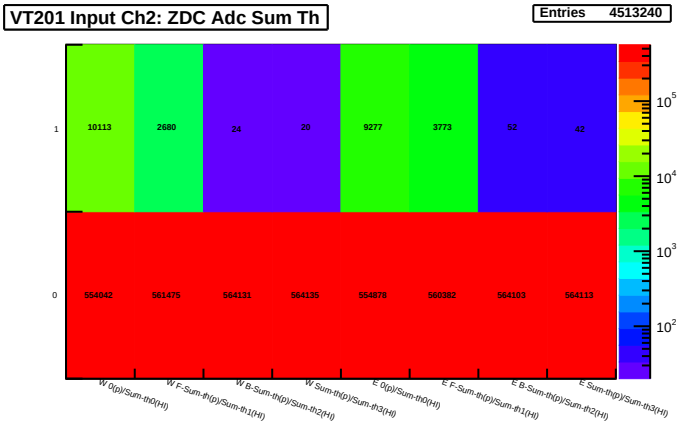

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

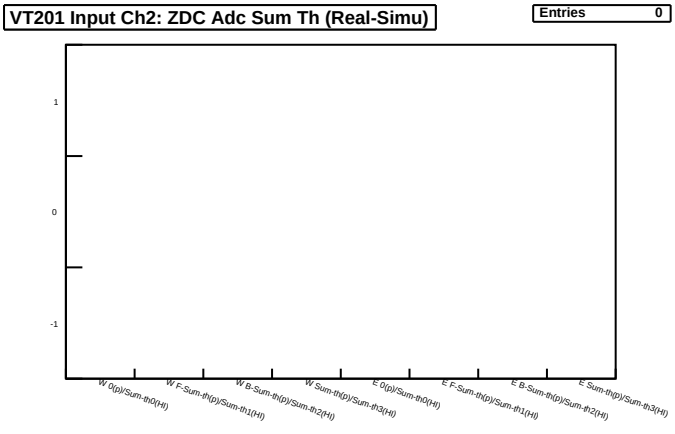

VT201 Input Ch1: EPD Hit Count Th
Entries 1128310
558500
556667
5655
7488
East
West

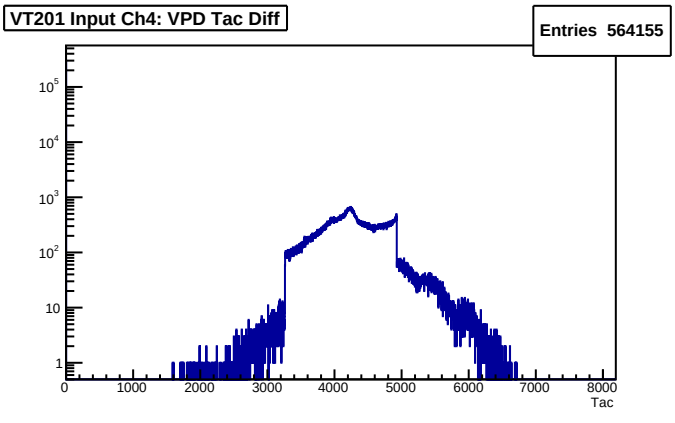

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

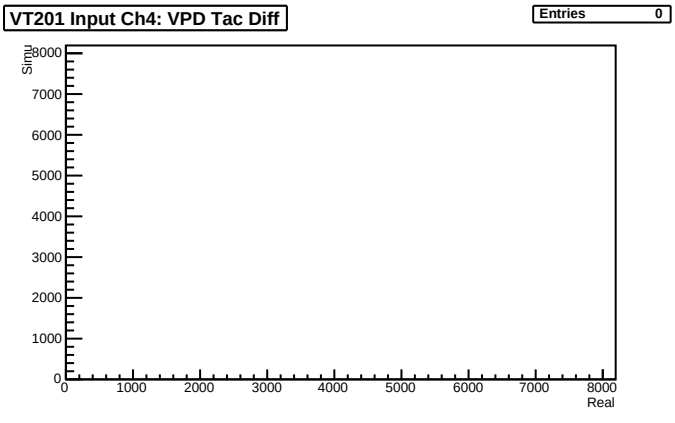

VT201 Input Ch2: ZDC Tac Diff
Entries 564155
Tac

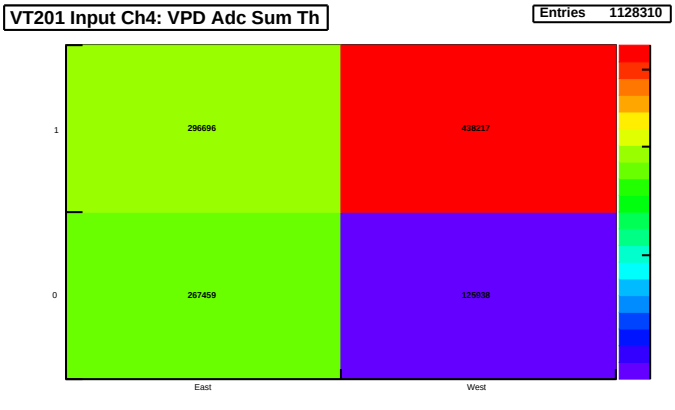

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

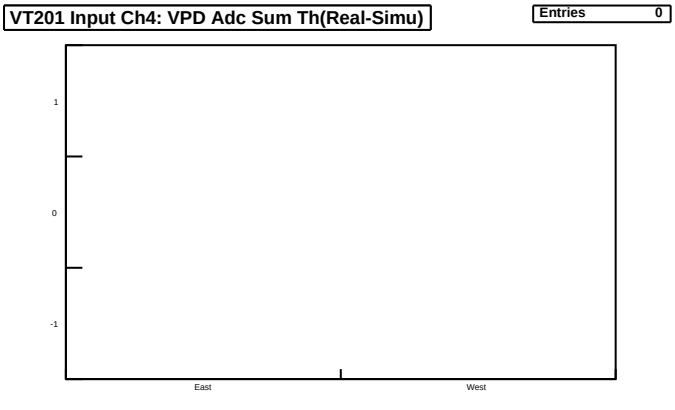

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4513240
10113
2680
24
20
9277
3773
52
42
554042
561475
564131
564135
554878
560382
564103
564113
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

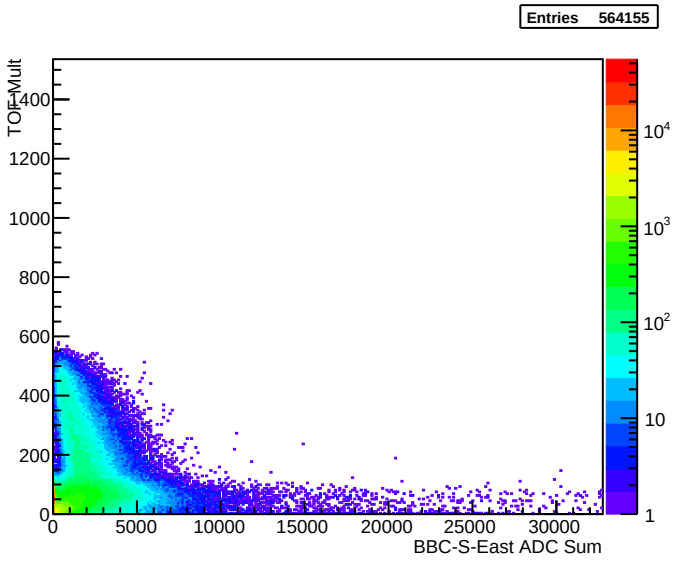

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

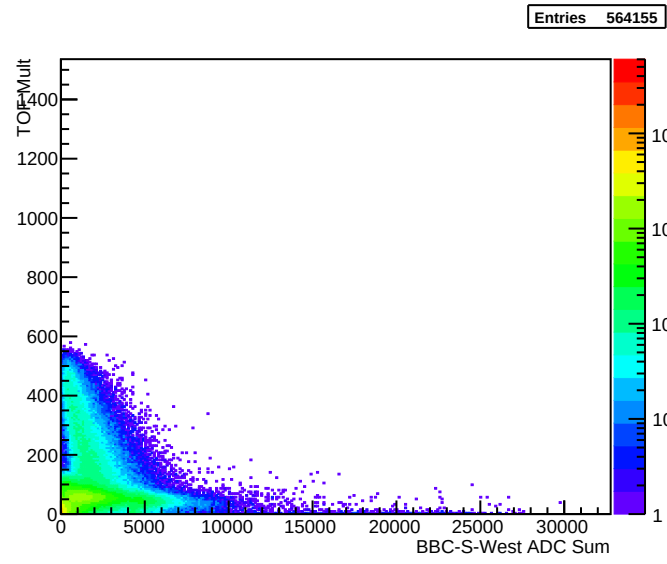

VT201 Input Ch4: VPD Tac Diff
Entries 564155
Tac

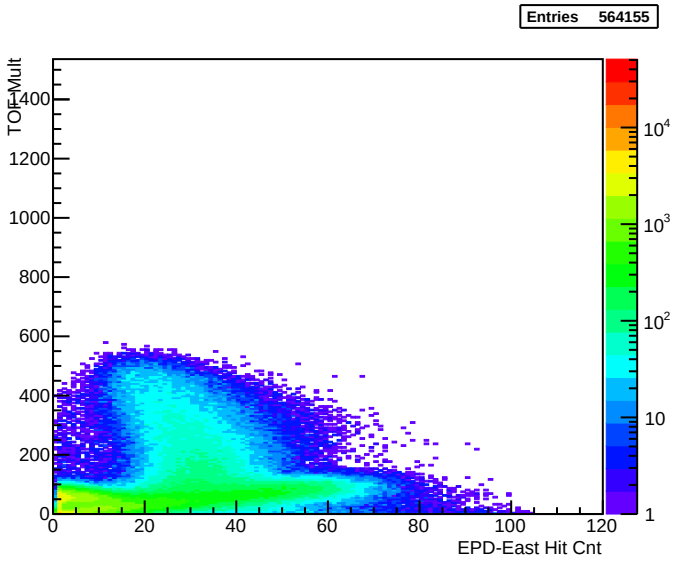

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

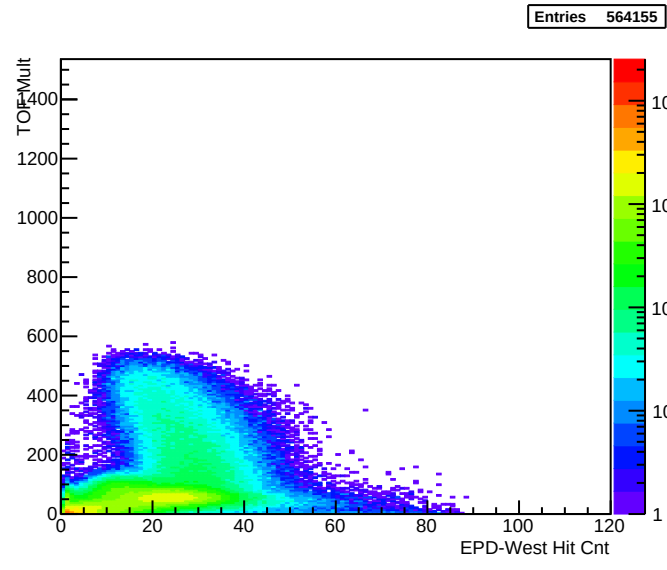

VT201 Input Ch4: VPD Adc Sum Th
Entries 1128310
296696
438217
267459
125938
East
West

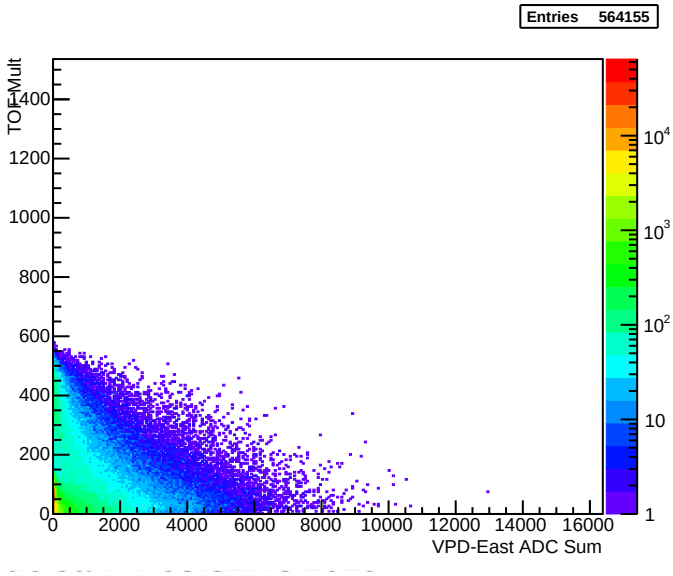

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

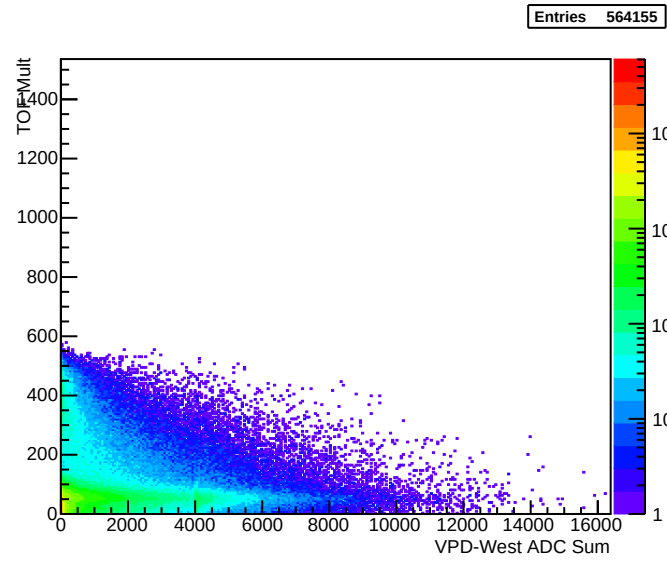

Entries 564155
TOF-Mult
BBC-S-East ADC Sum

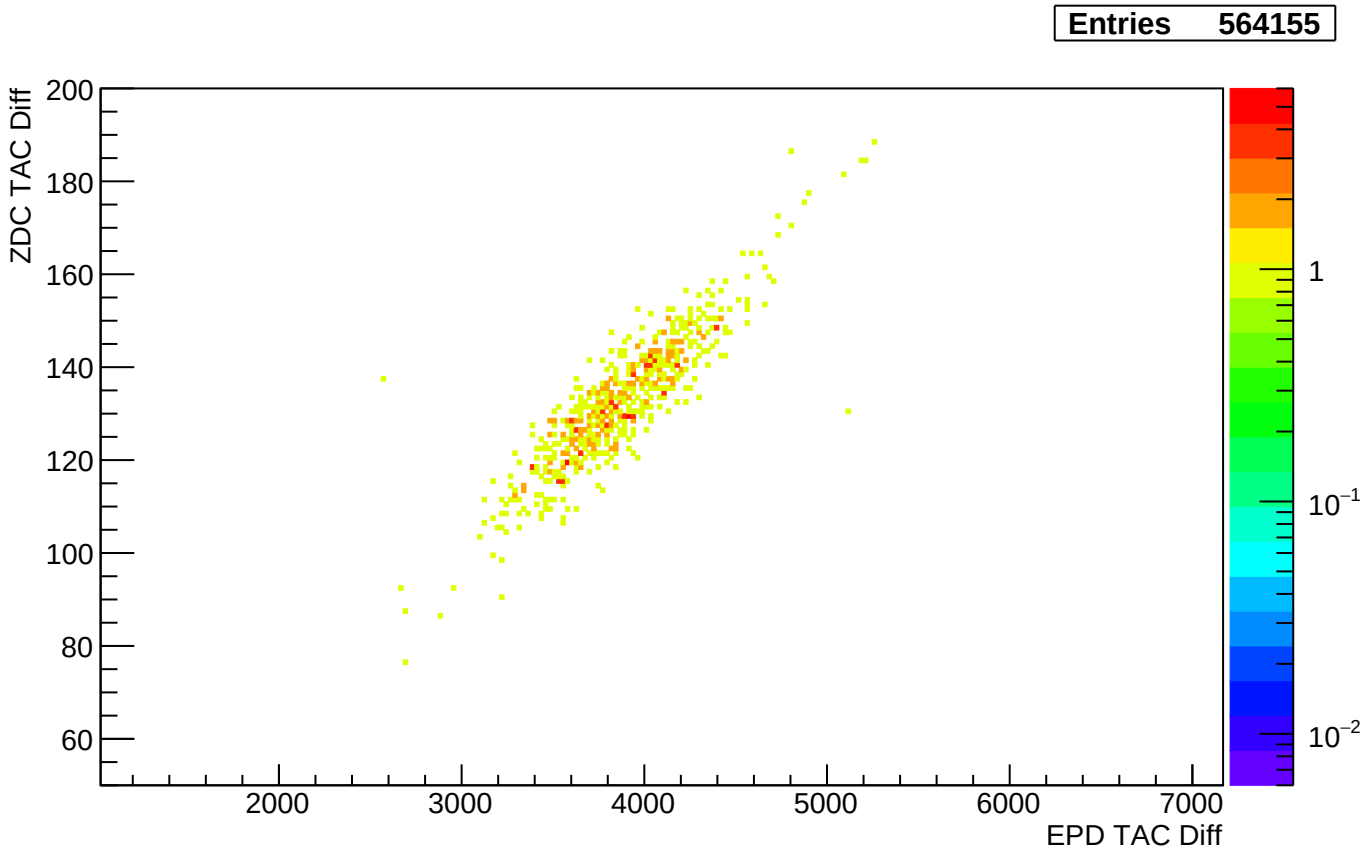

Entries 564155
TOF-Mult
BBC-S-West ADC Sum

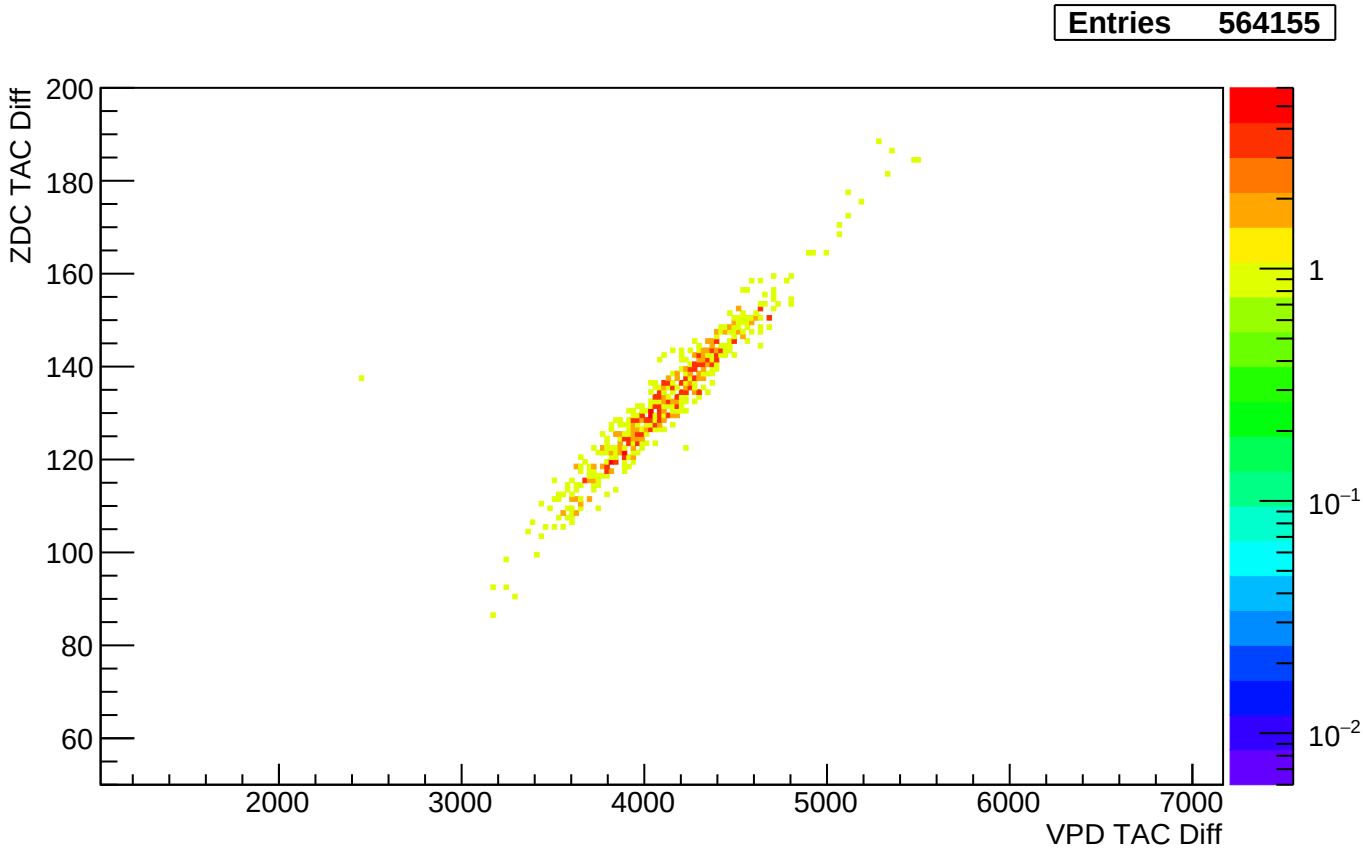

Entries 564155
TOF-Mult
EPD-East Hit Cnt

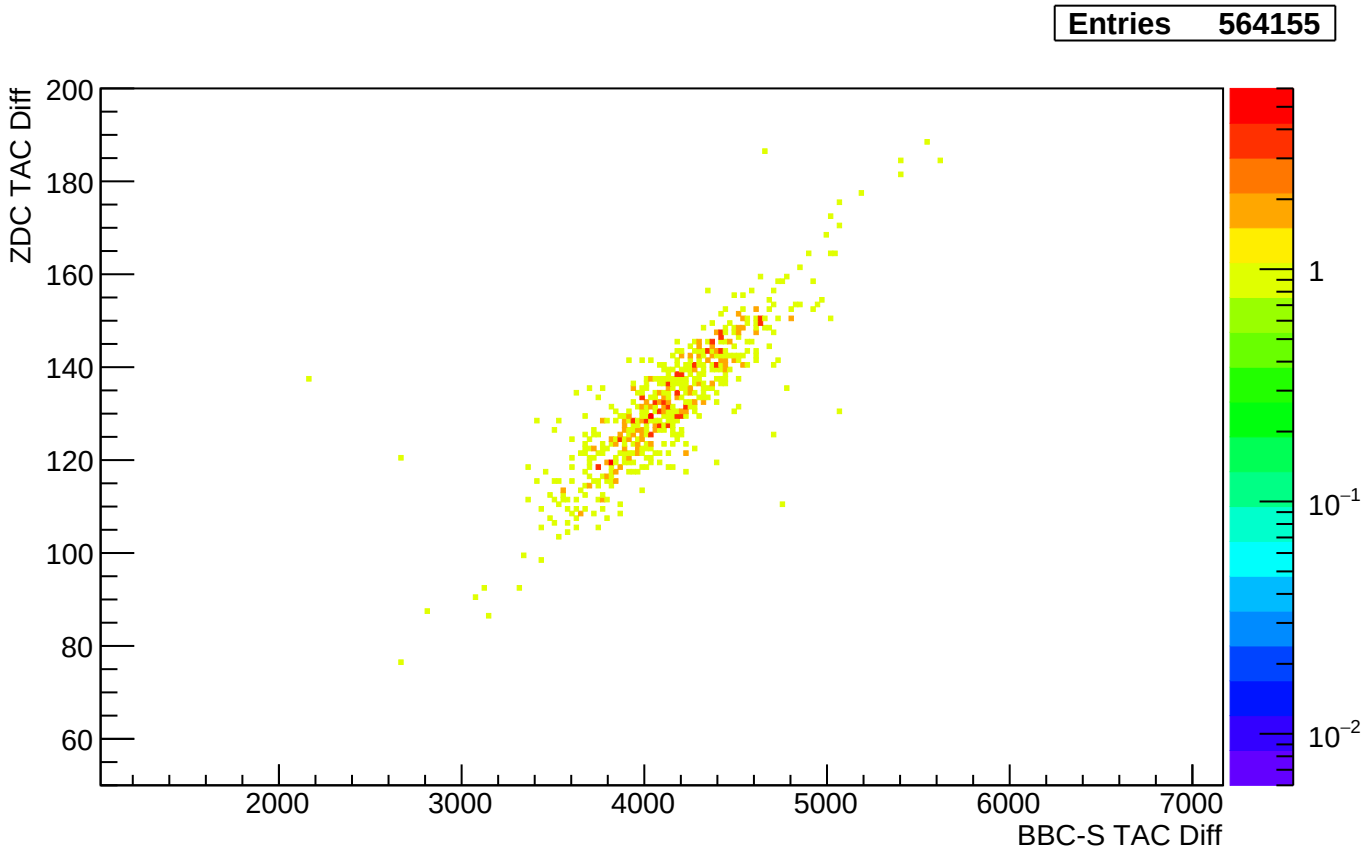

Entries 564155
TOF-Mult
EPD-West Hit Cnt

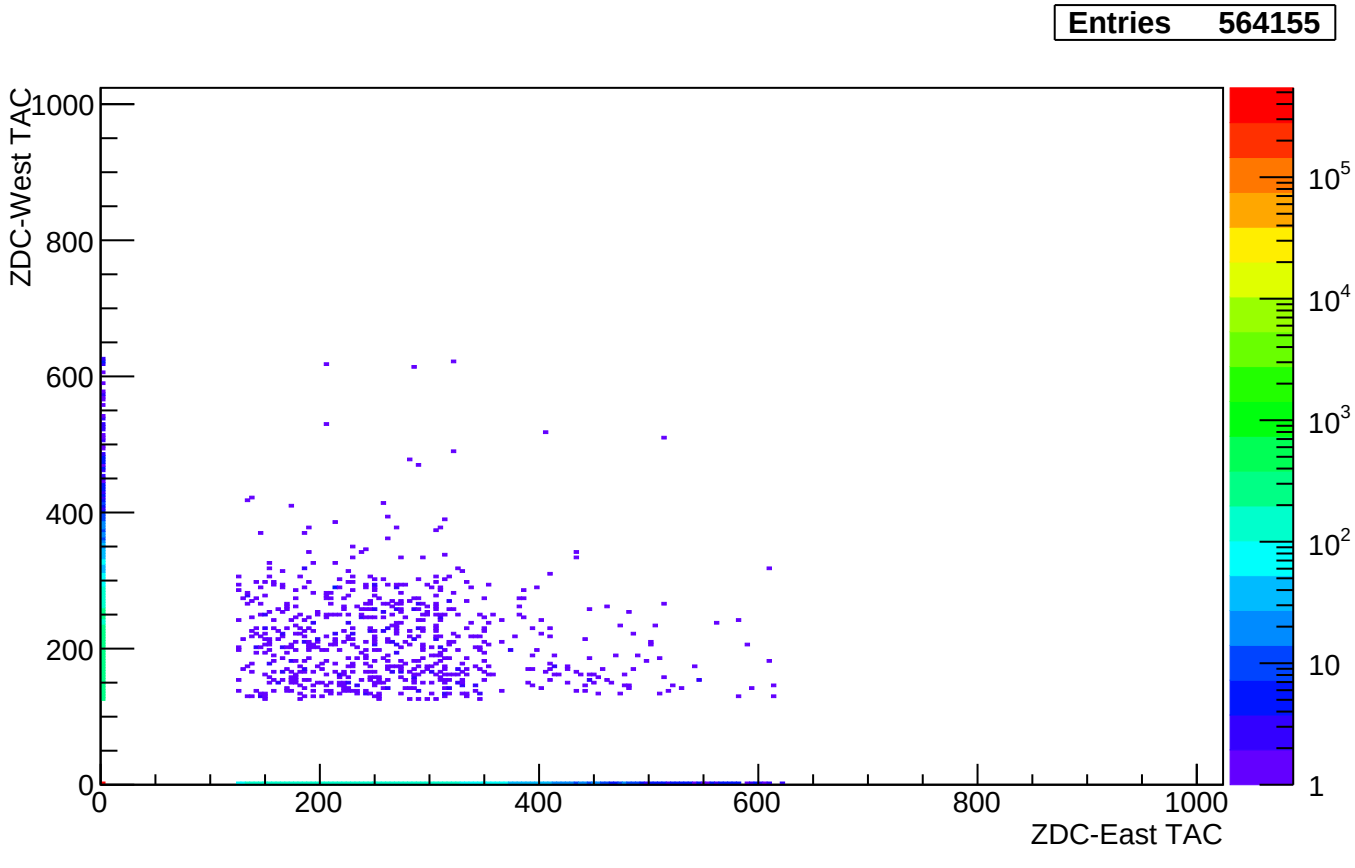

Entries 564155
TOF-Mult
VPD-East ADC Sum

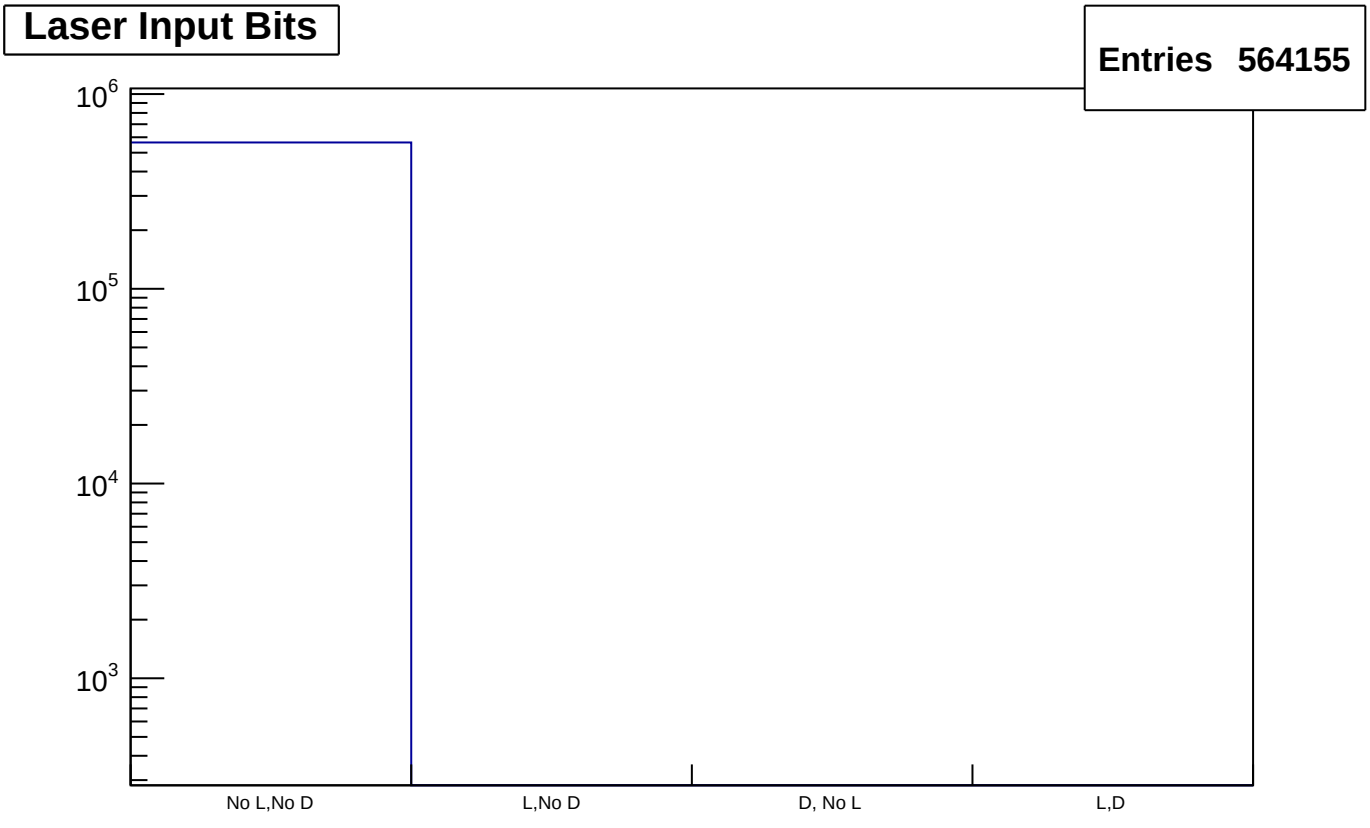

Entries 564155
TOF-Mult
VPD-West ADC Sum

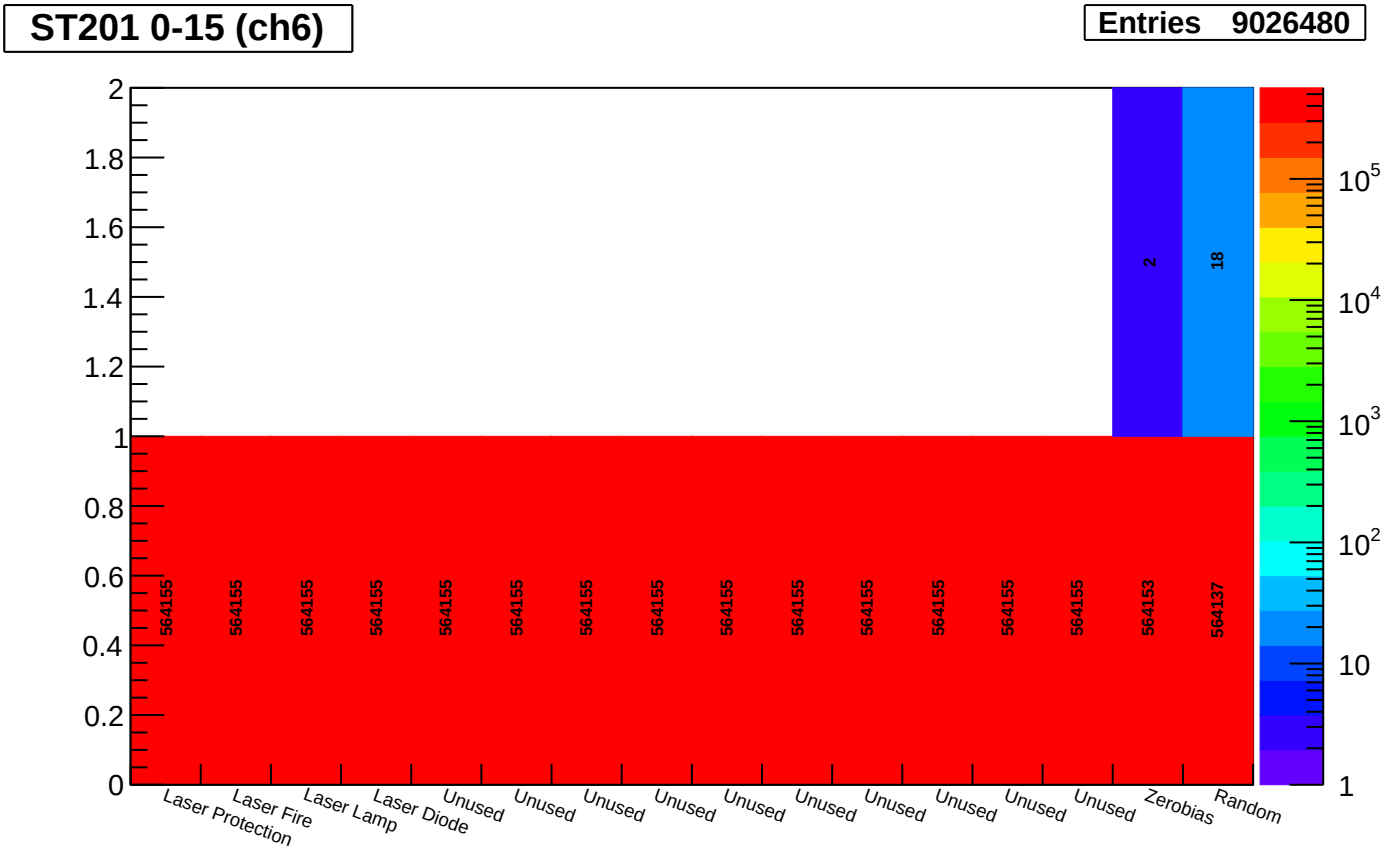

Entries 564155
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

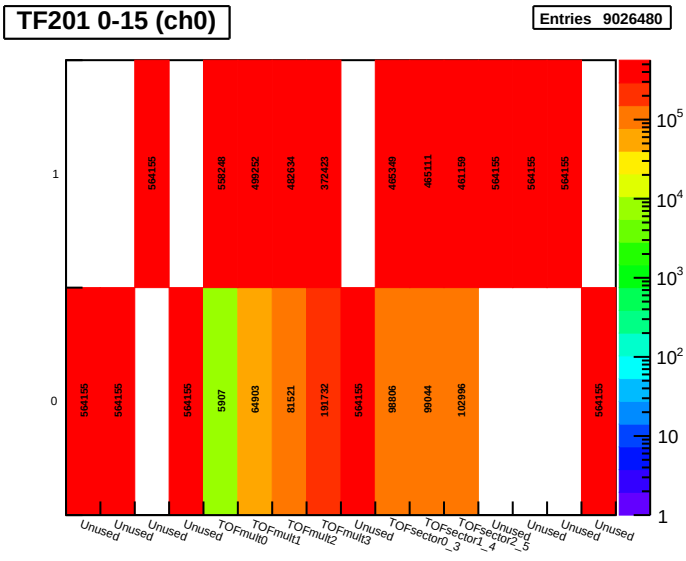

Entries 564155
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

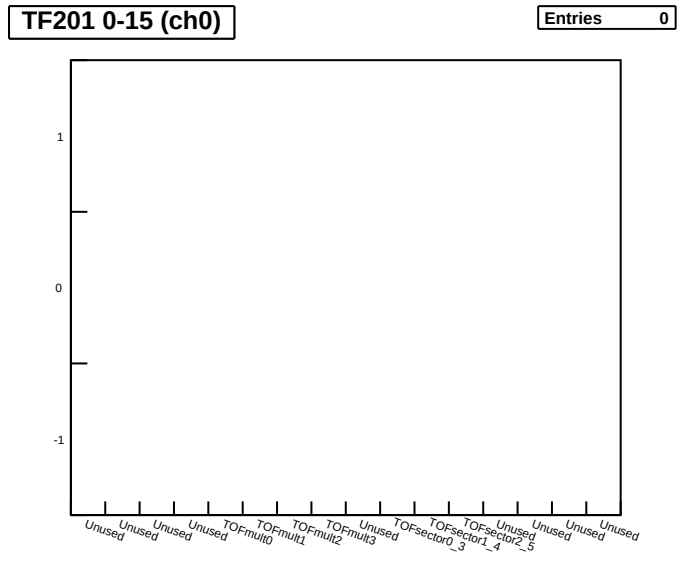

Entries 564155
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

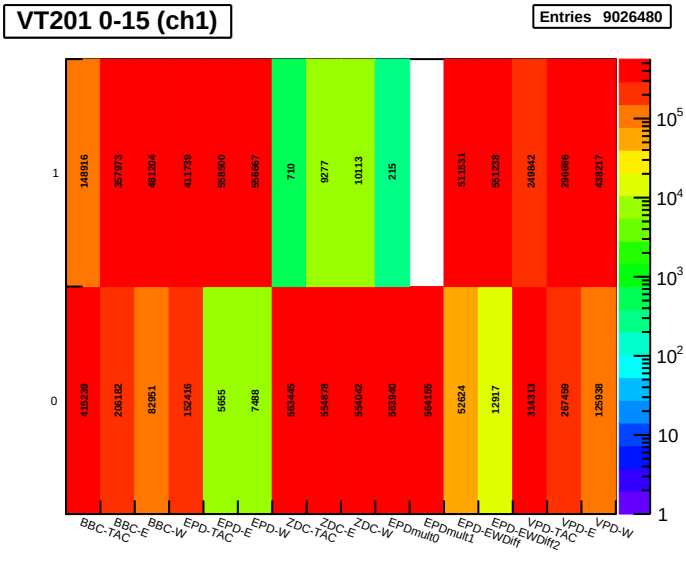

Entries 564155
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

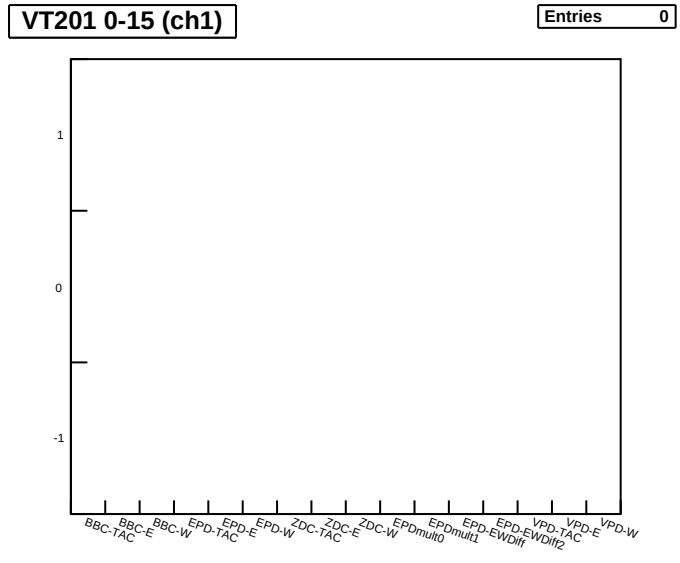

Laser Input Bits
Entries 564155
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

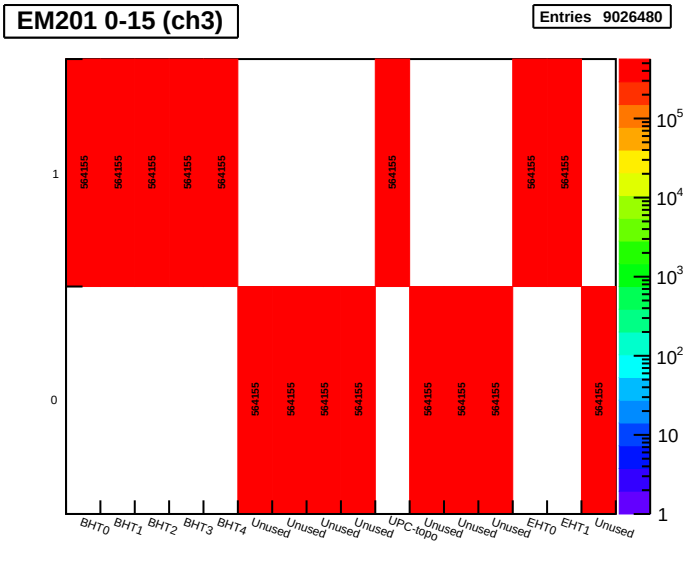

ST201 0-15 (ch6)
Entries 9026480
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
564155
564155
564155
564155
564155
564155
564155
564155
564155
564155
564155
564155
564155
564155
564153
564137
2
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

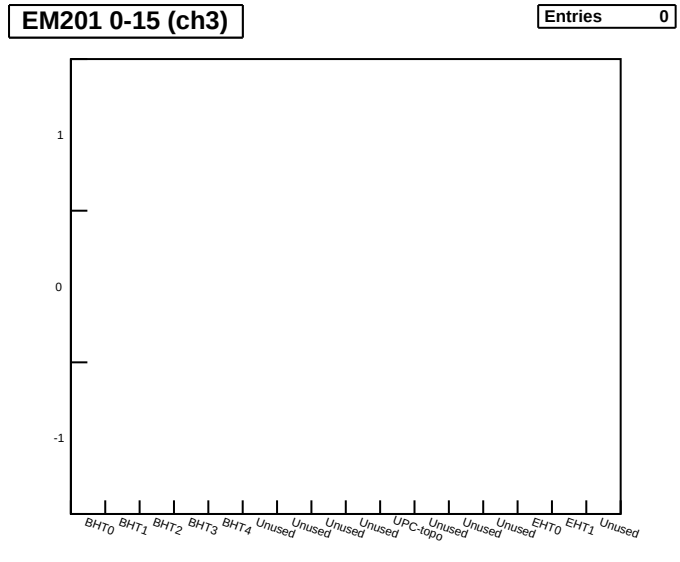

TF201 0-15 (ch0)
Entries 9026480
1
0
564155 564155 564155 564155 564155 538248 499252 482634 372423 465349 465111 461159 564155 564155 564155
564155 564155 564155 5907 64903 81521 191732 564155 98806 99044 102996 564155
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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 9026480
1
0
148916 357973 481204 411739 558500 556657 710 9277 10113 215 511531 551238 249942 296686 438217
415239 206182 82951 152416 5655 7488 563445 554878 554042 563940 564155 52624 12917 314313 267459 125938
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 9026480
1
0
564155 564155 564155 564155 564155 564155 564155 564155
564155 564155 564155 564155 564155 564155 564155 564155
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