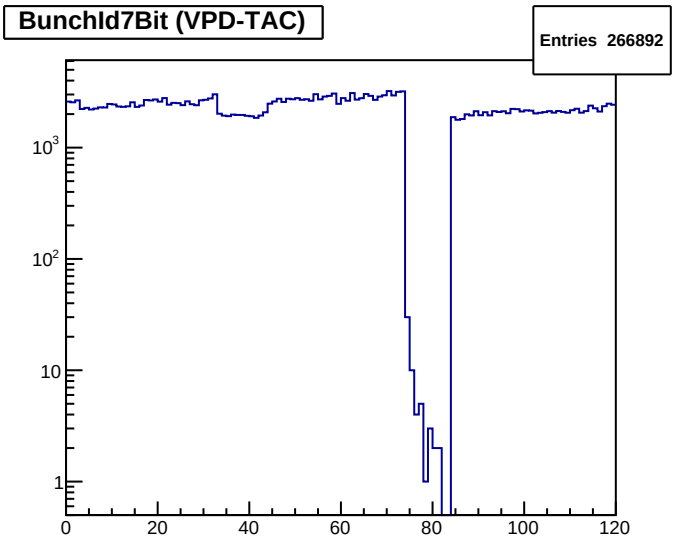
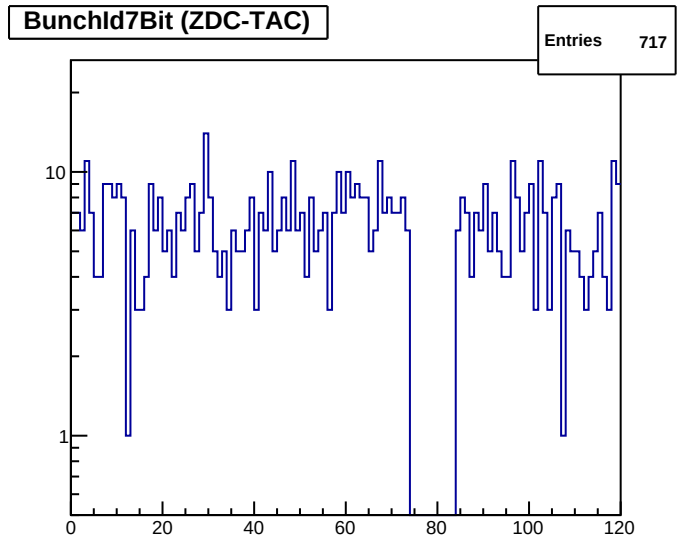
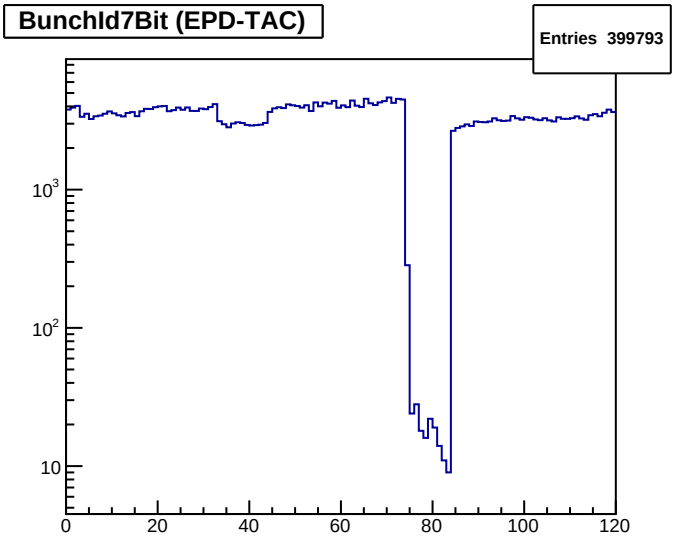
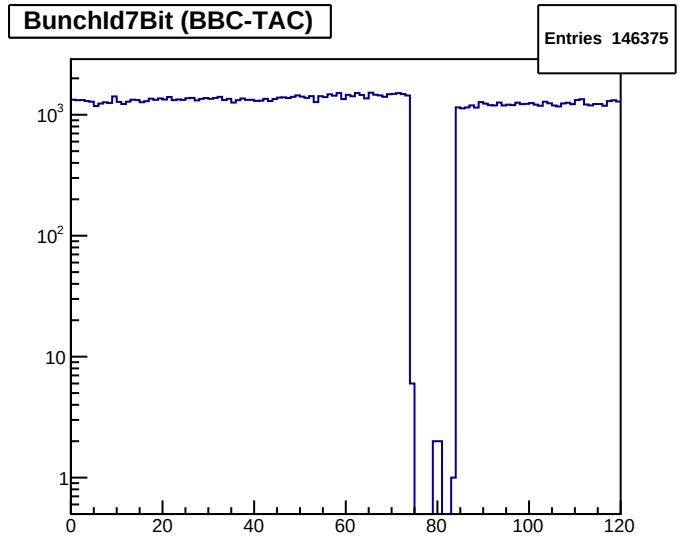
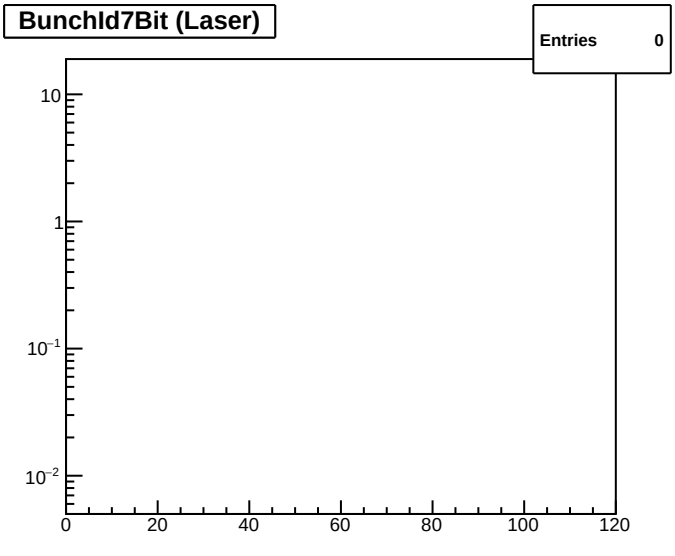
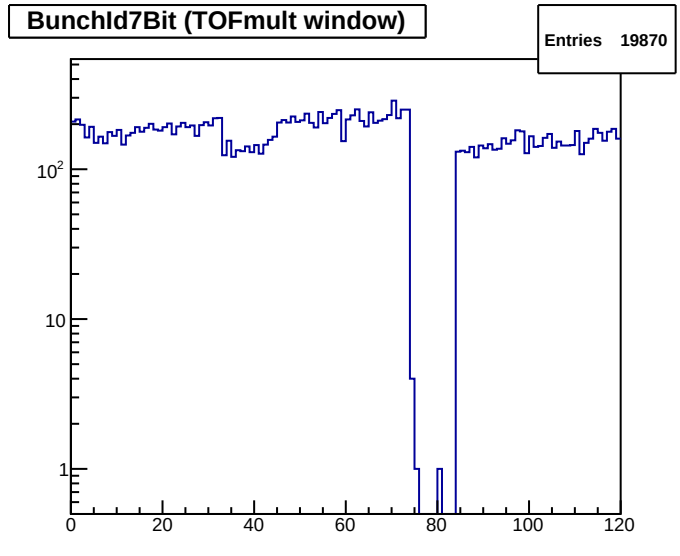

BunchId7Bit (VPD-TAC)
Entries 266892

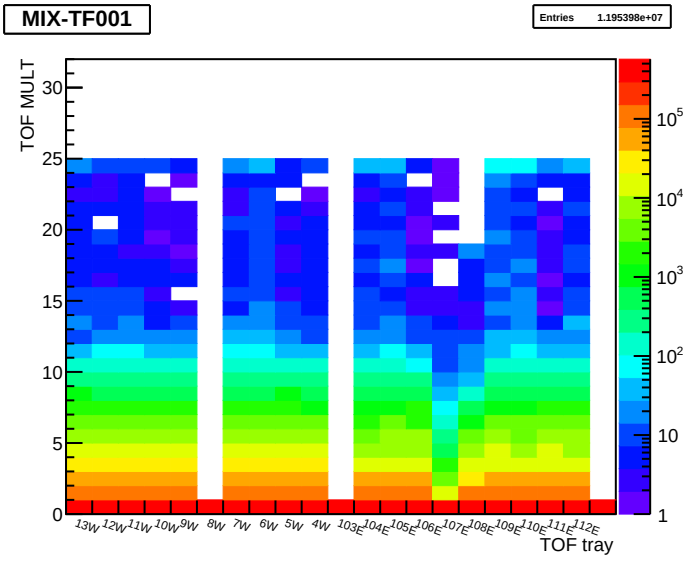

BunchId7Bit (ZDC-TAC)
Entries 717

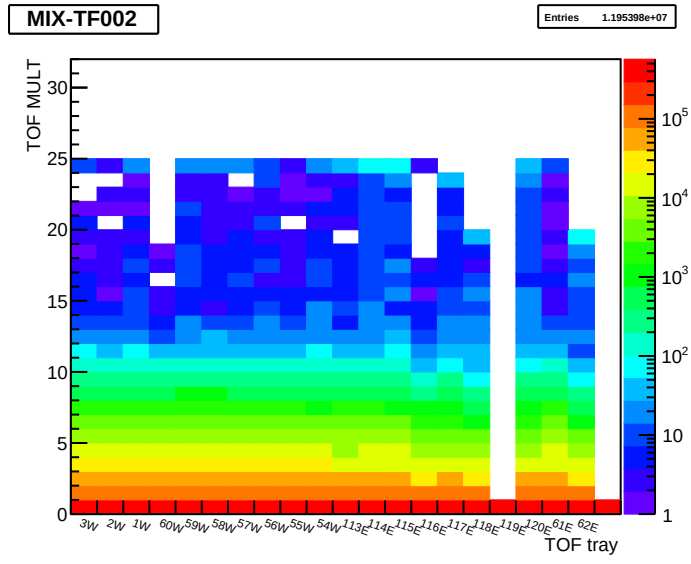

BunchId7Bit (EPD-TAC)
Entries 399793

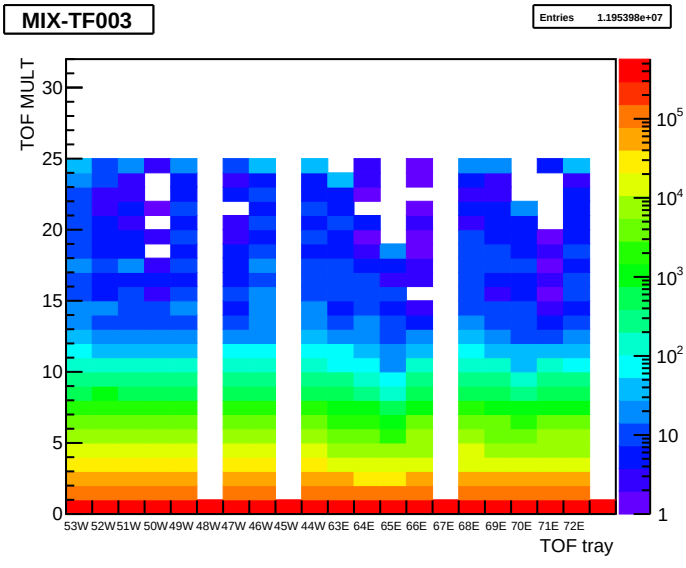

BunchId7Bit (BBC-TAC)
Entries 146375

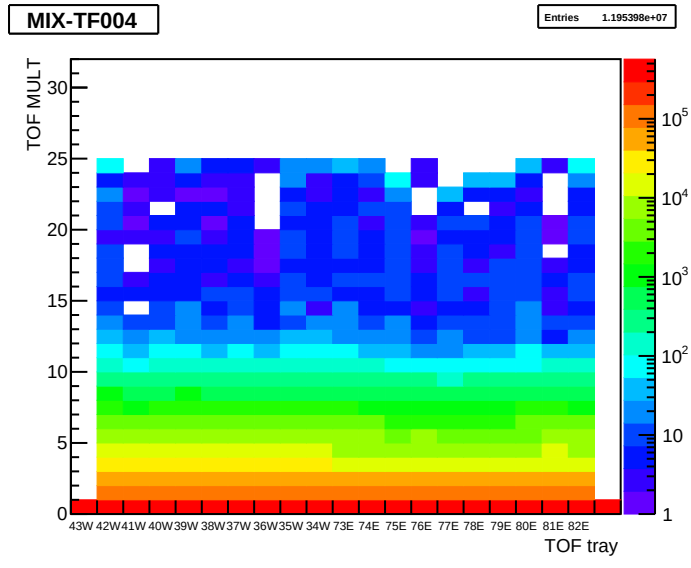

BunchId7Bit (Laser)
Entries 0

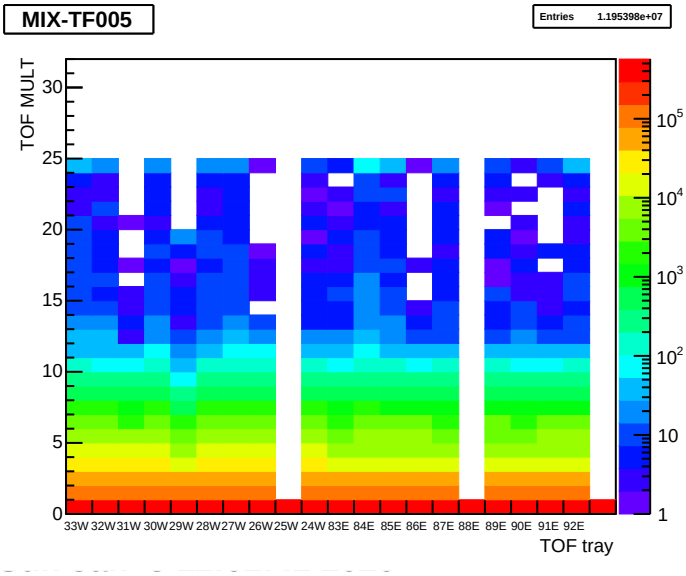

BunchId7Bit (TOFmult window)
Entries 19870

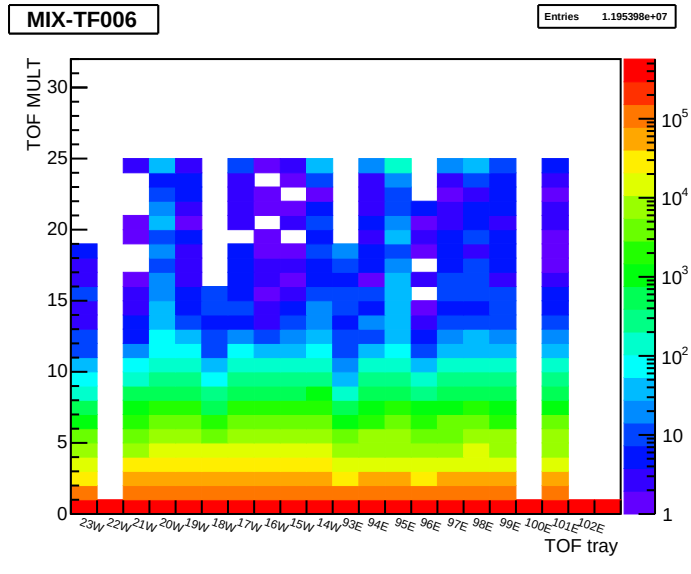

MIX-TF001
Entries 1.195398e+07
TOF MULT
TOF tray

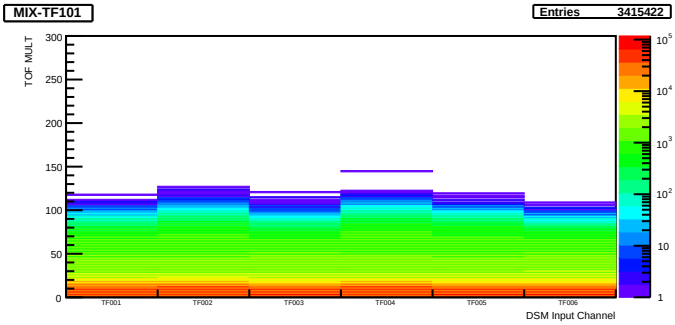

MIX-TF002
Entries 1.195398e+07
TOF MULT
TOF tray

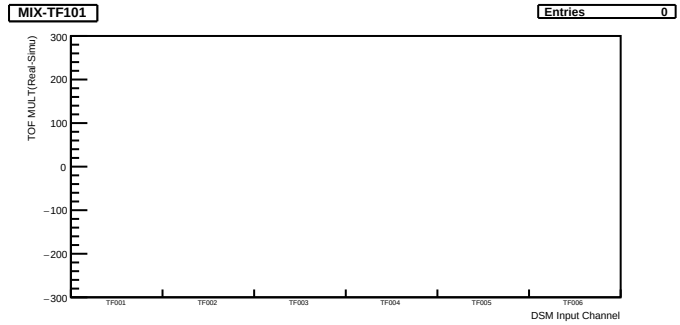

MIX-TF003
Entries 1.195398e+07
TOF MULT
TOF tray

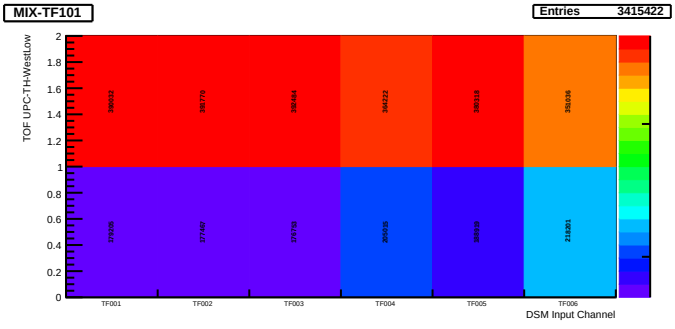

MIX-TF004
Entries 1.195398e+07
TOF MULT
TOF tray

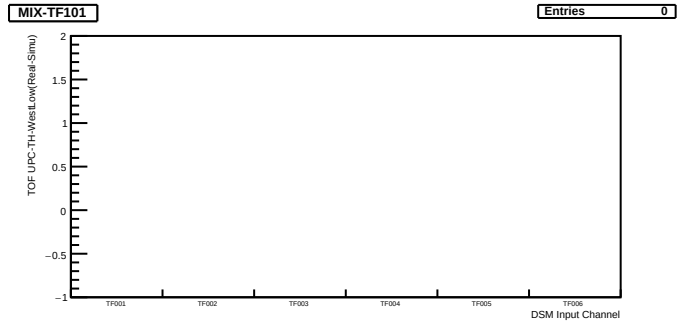

MIX-TF005
Entries 1.195398e+07
TOF MULT
TOF tray

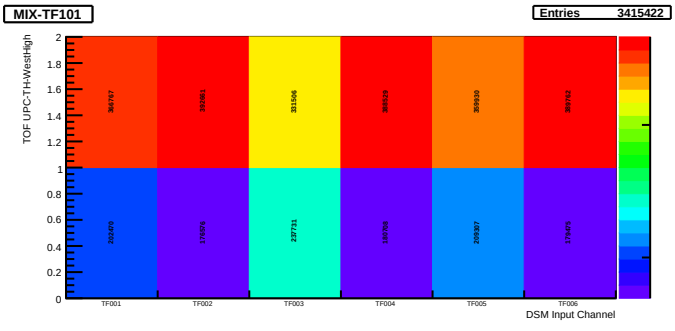

MIX-TF006
Entries 1.195398e+07
TOF MULT
TOF tray

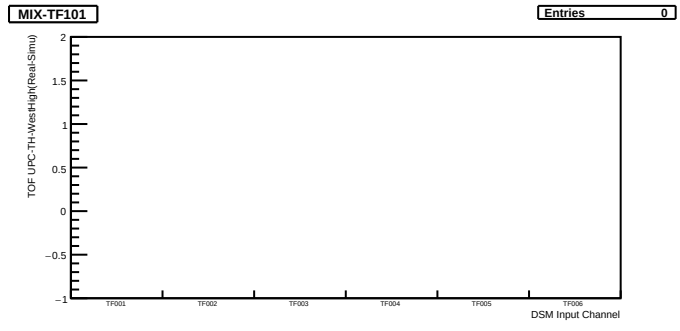

MIX-TF101
Entries 3415422
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

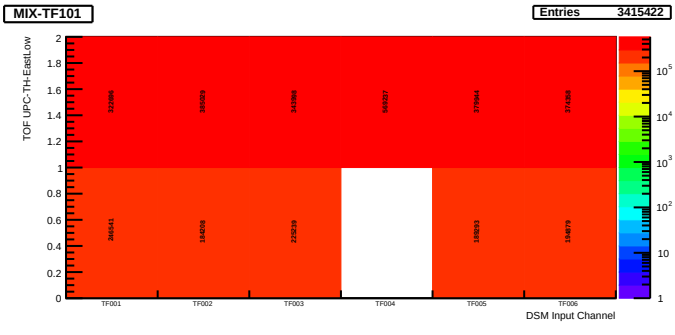

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

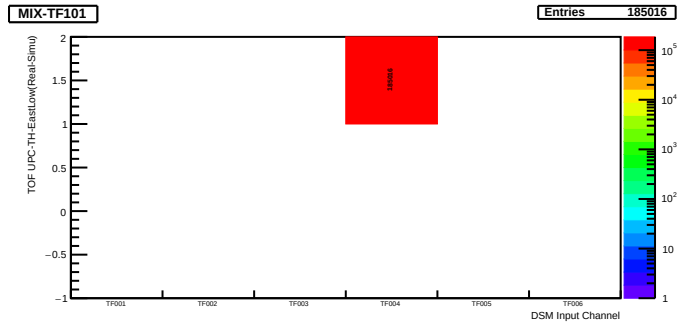

MIX-TF101
Entries 3415422
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

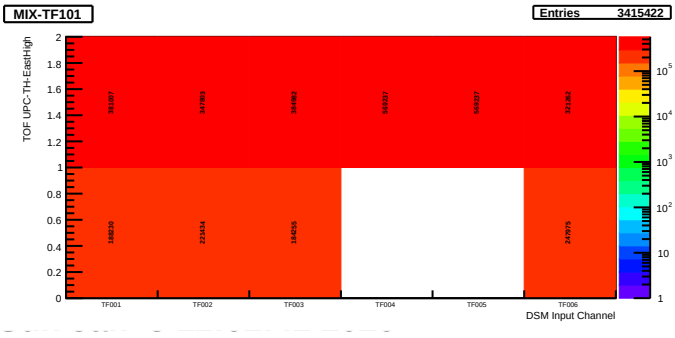

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

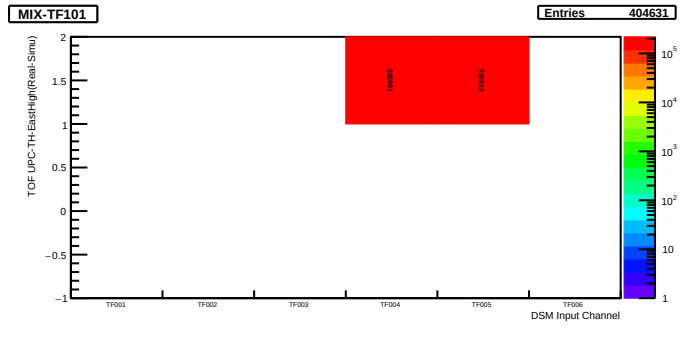

MIX-TF101
Entries 3415422
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

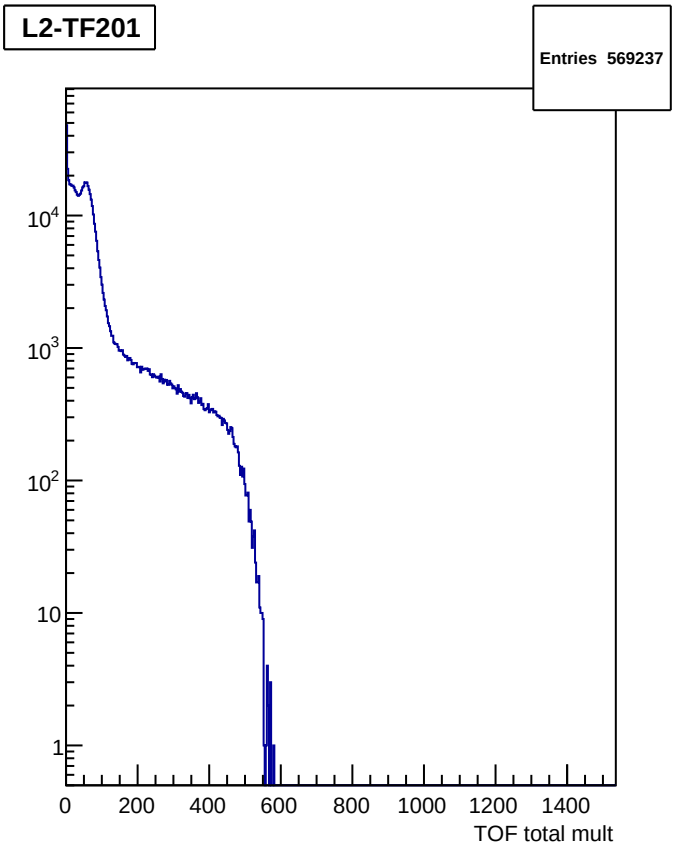

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

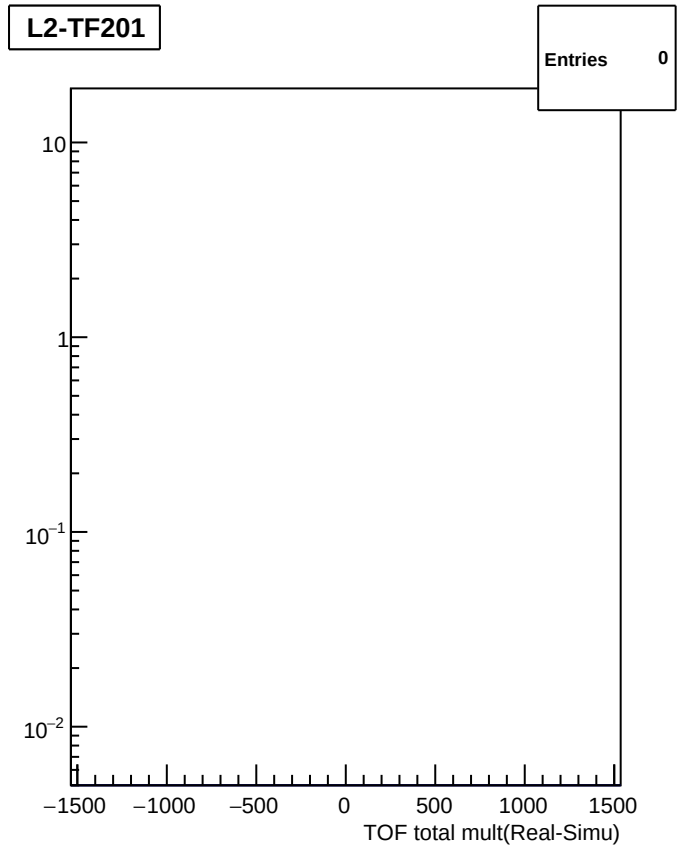

MIX-TF101
Entries 3415422
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

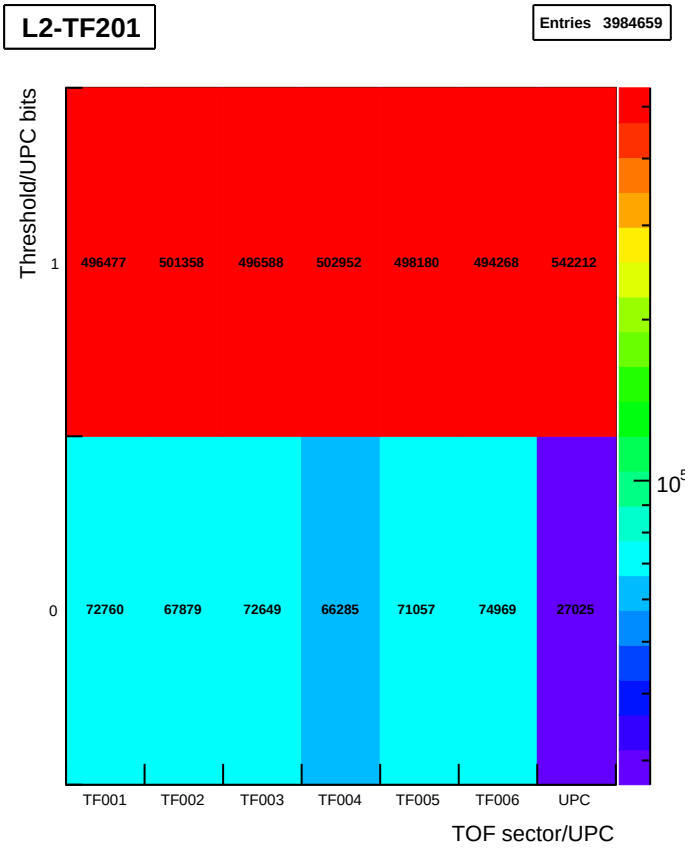

MIX-TF101
Entries 185016
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

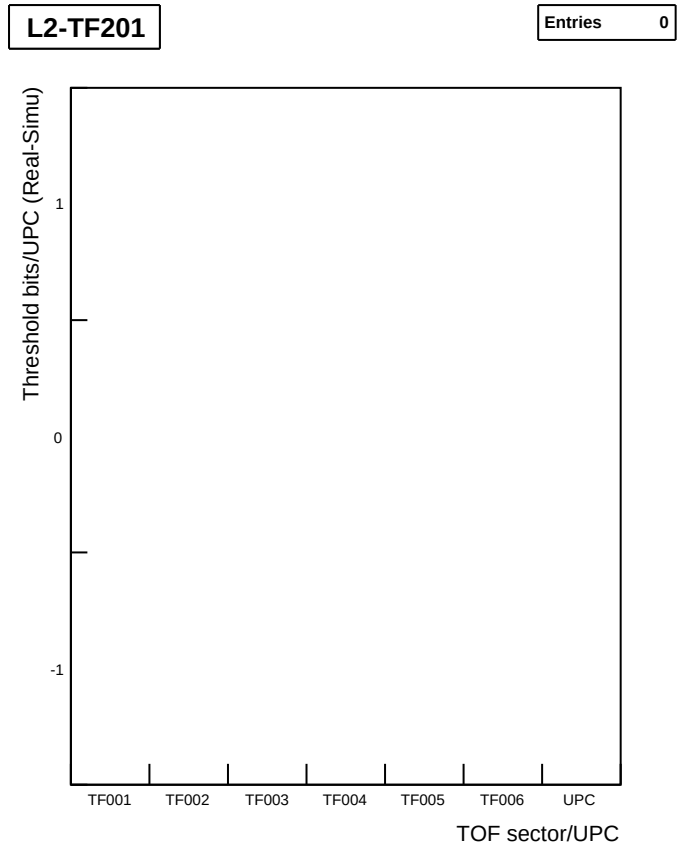

MIX-TF101
Entries 3415422
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

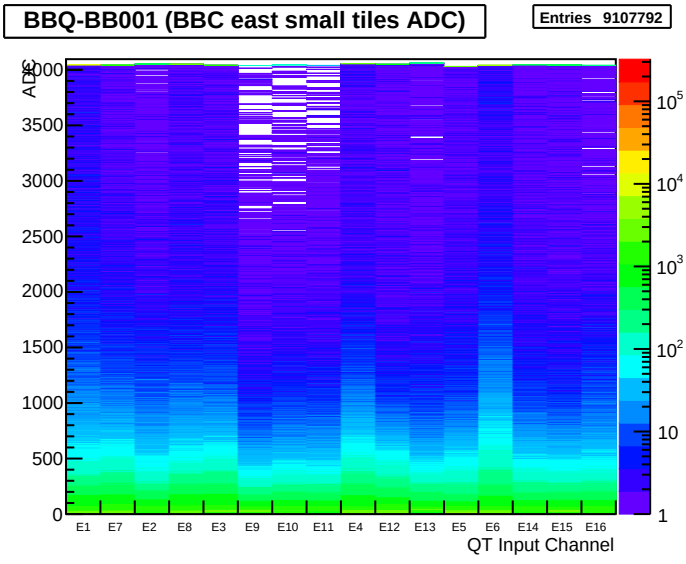

MIX-TF101
Entries 404631
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

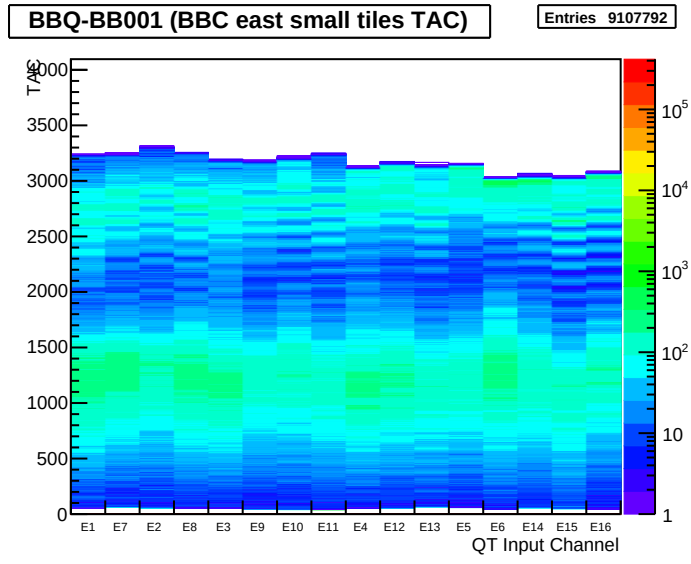

L2-TF201
Entries 569237
TOF total mult

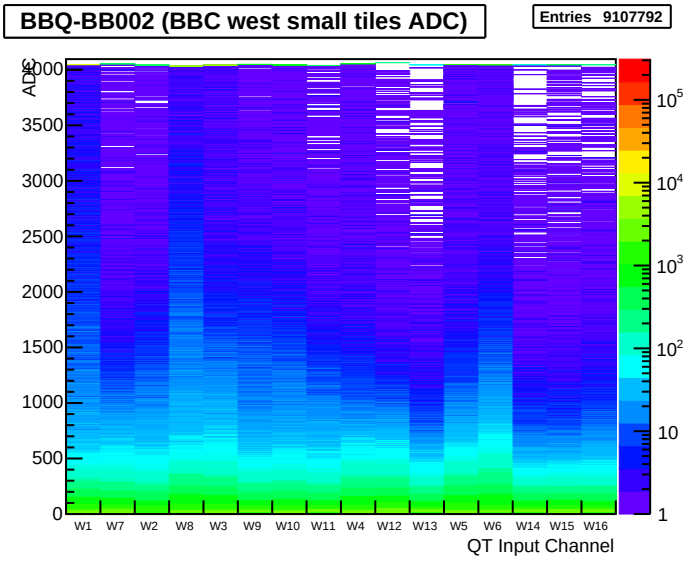

L2-TF201
Entries 0
TOF total mult(Real-Simu)

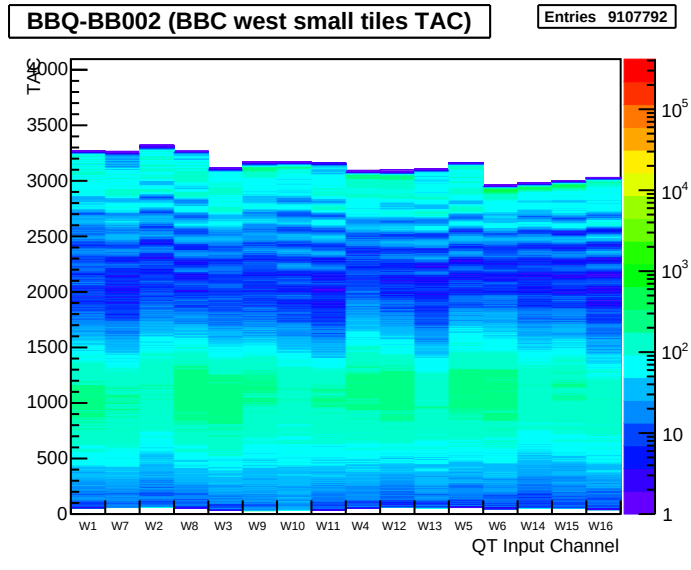

L2-TF201
Entries 3984659
Threshold/UPC bits
496477
501358
496588
502952
498180
494268
542212
72760
67879
72649
66285
71057
74969
27025
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

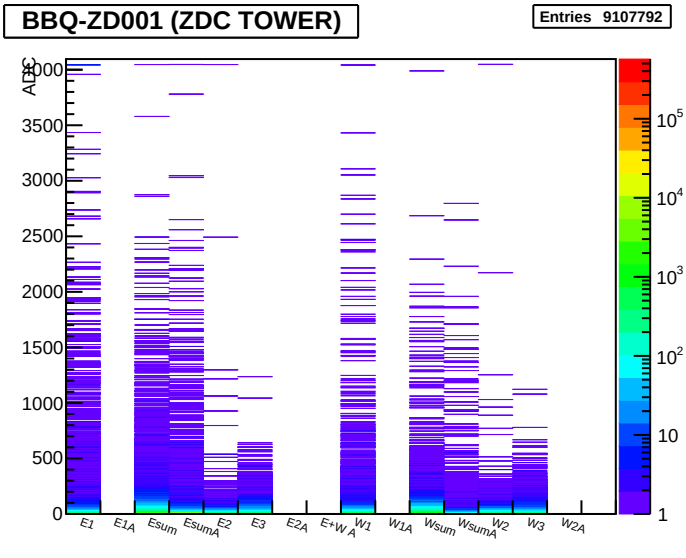

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

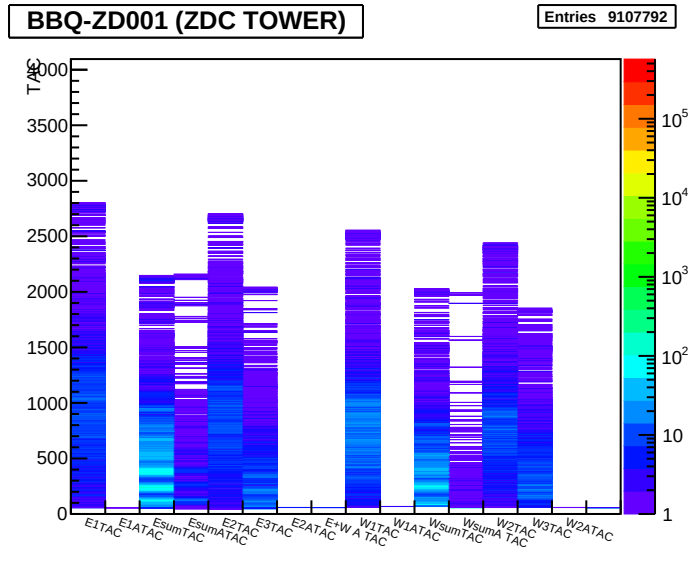

BBQ-BB001 (BBC east small tiles ADC)
Entries 9107792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

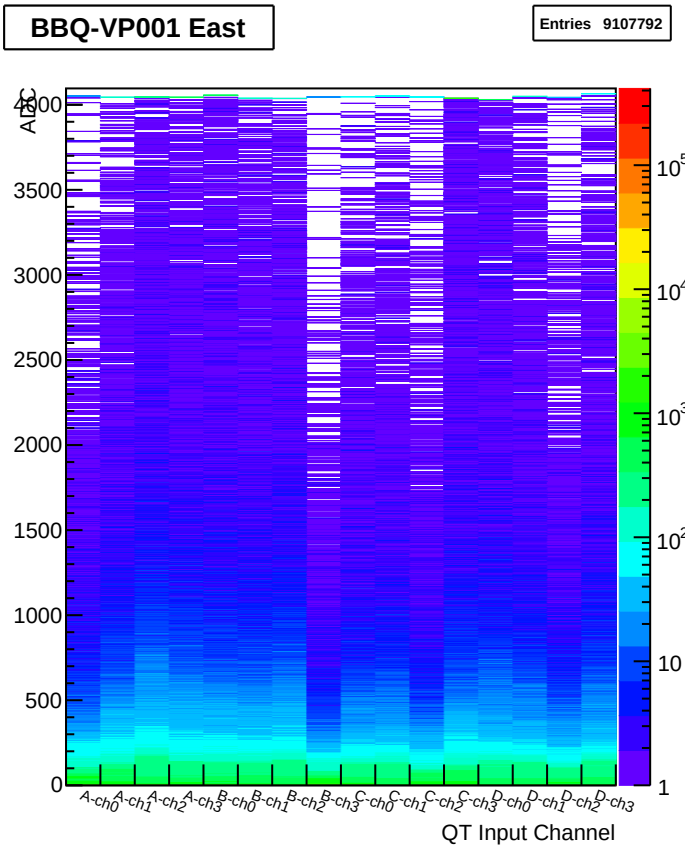

BBQ-BB001 (BBC east small tiles TAC)
Entries 9107792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

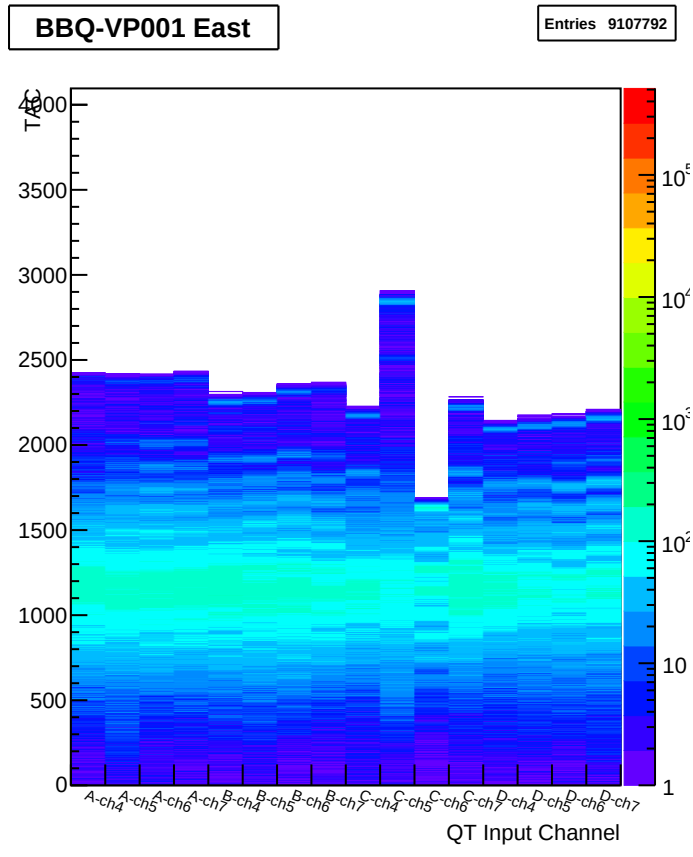

BBQ-BB002 (BBC west small tiles ADC)
Entries 9107792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

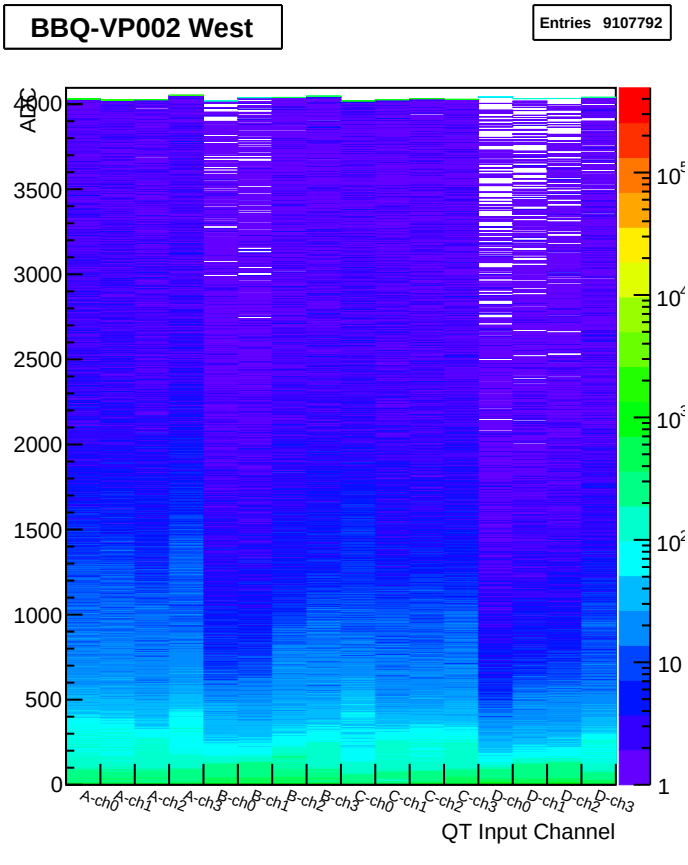

BBQ-BB002 (BBC west small tiles TAC)
Entries 9107792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

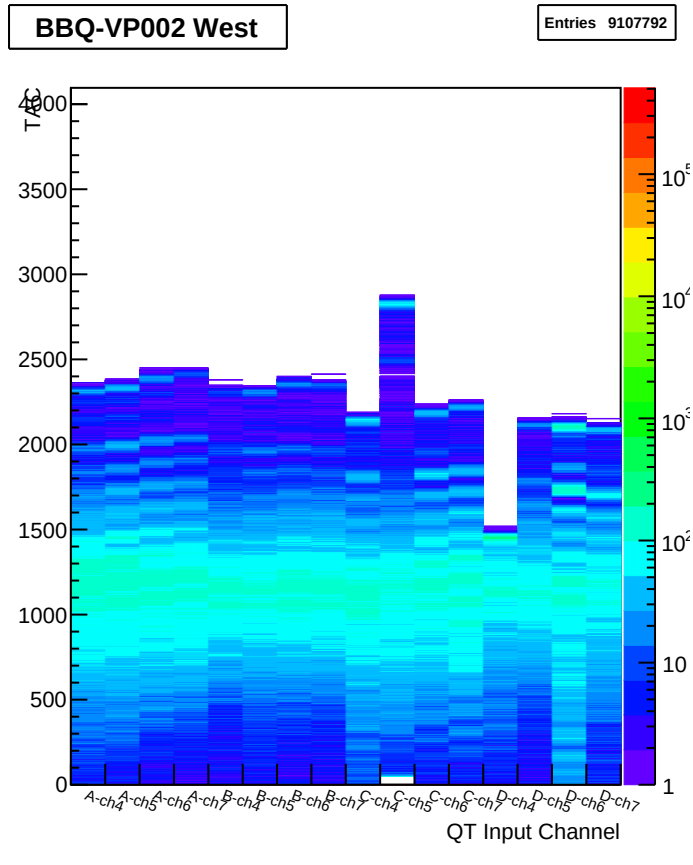

BBQ-ZD001 (ZDC TOWER)
Entries 9107792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

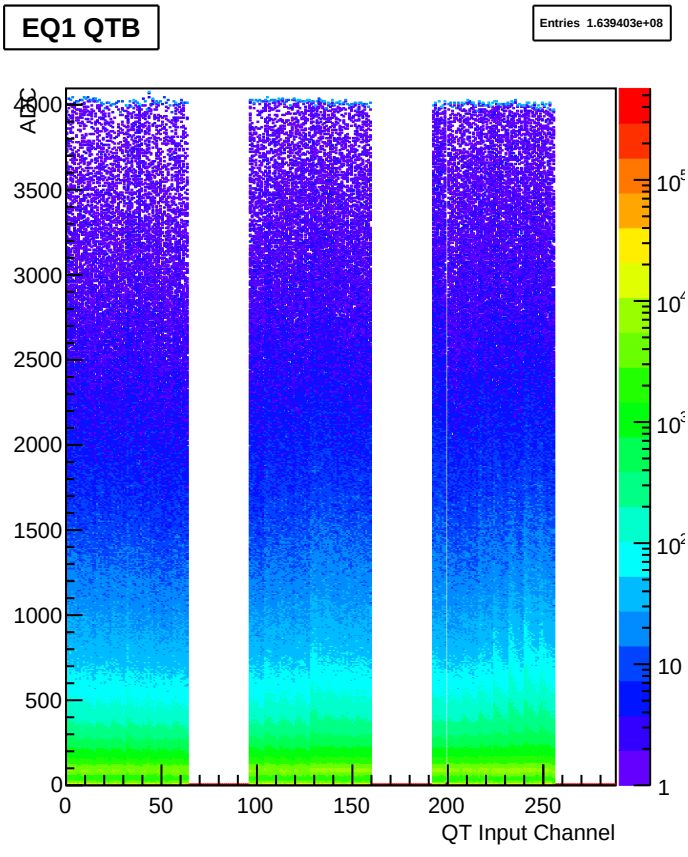

BBQ-ZD001 (ZDC TOWER)
Entries 9107792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

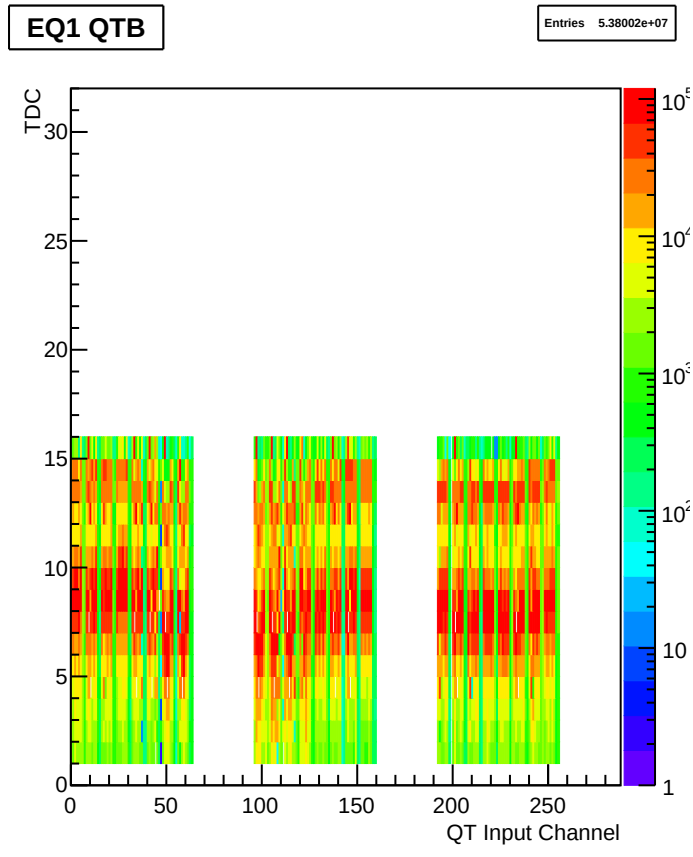

BBQ-VP001 East
Entries 9107792
ADC
QT Input Channel

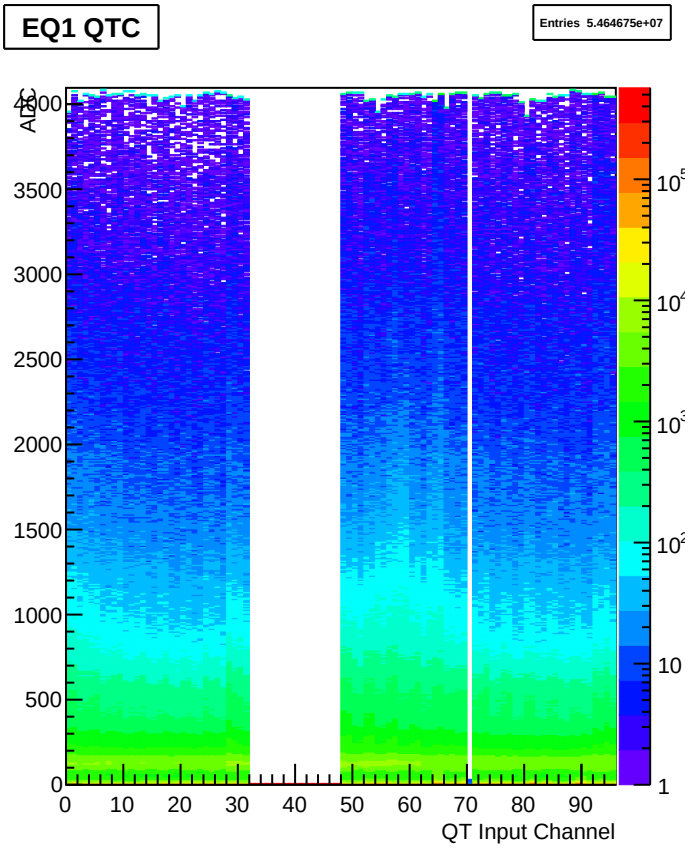

BBQ-VP001 East
Entries 9107792
ADC
QT Input Channel

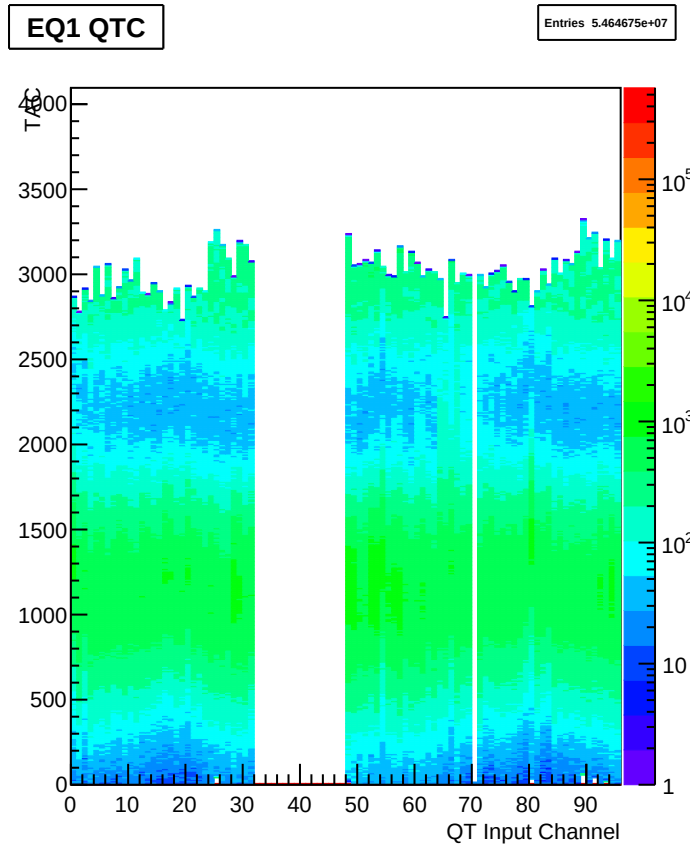

BBQ-VP002 West
Entries 9107792
ADC
QT Input Channel

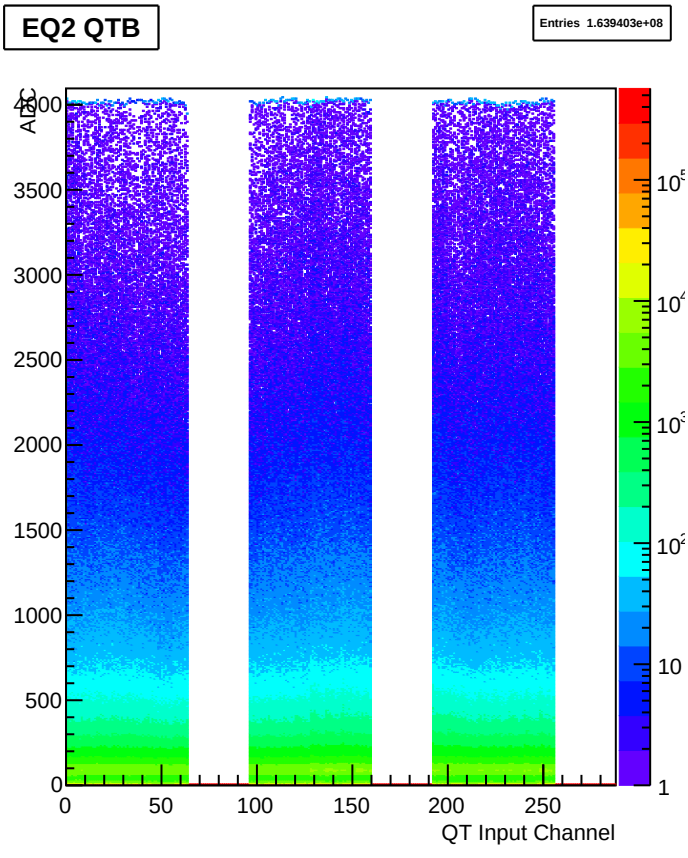

BBQ-VP002 West
Entries 9107792
ADC
QT Input Channel

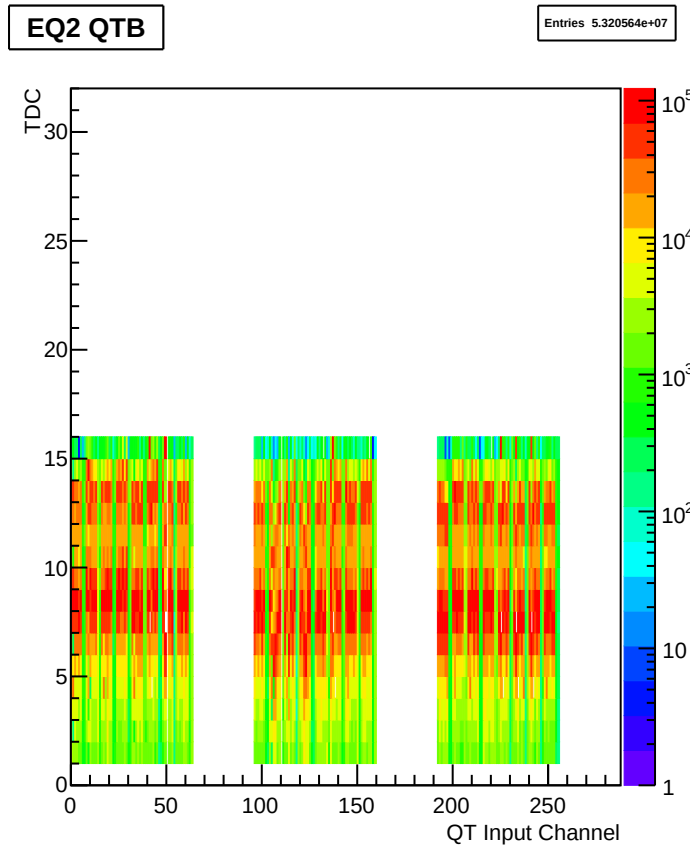

EQ1 QTB
Entries 1.639403e+08
ADC
QT Input Channel

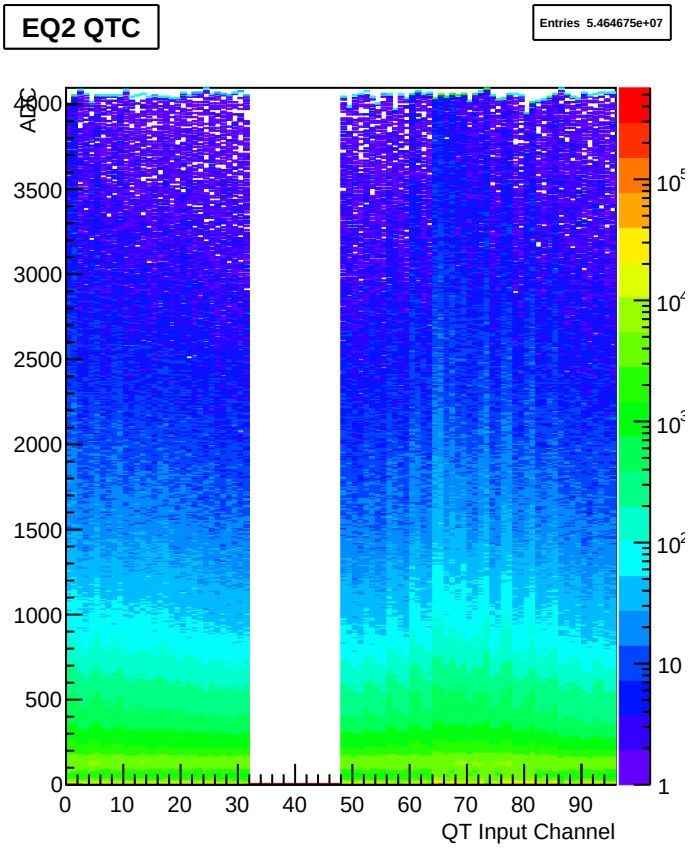

EQ1 QTB
Entries 5.38002e+07
TDC
QT Input Channel

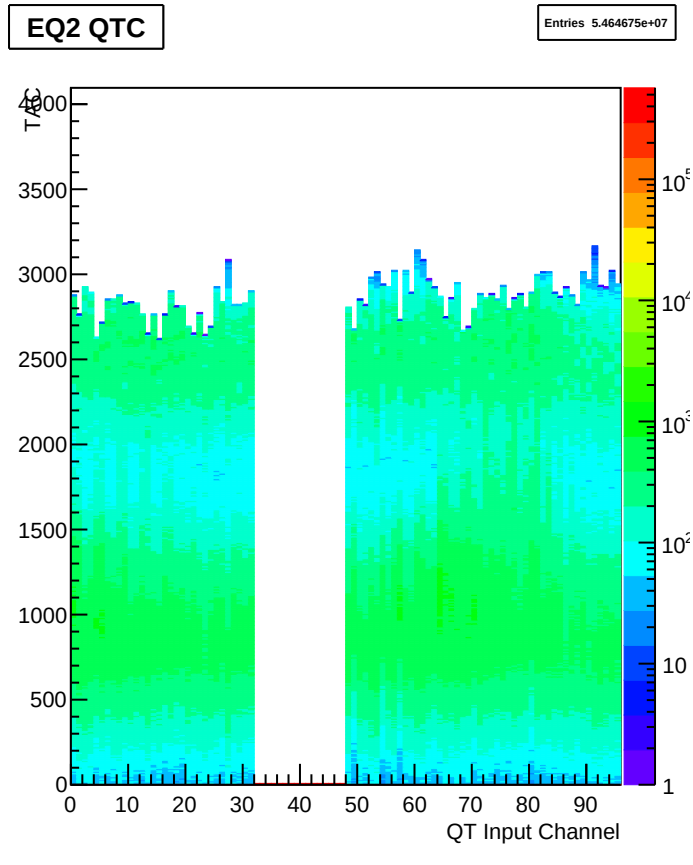

EQ1 QTC
Entries 5.464675e+07
ADC
QT Input Channel

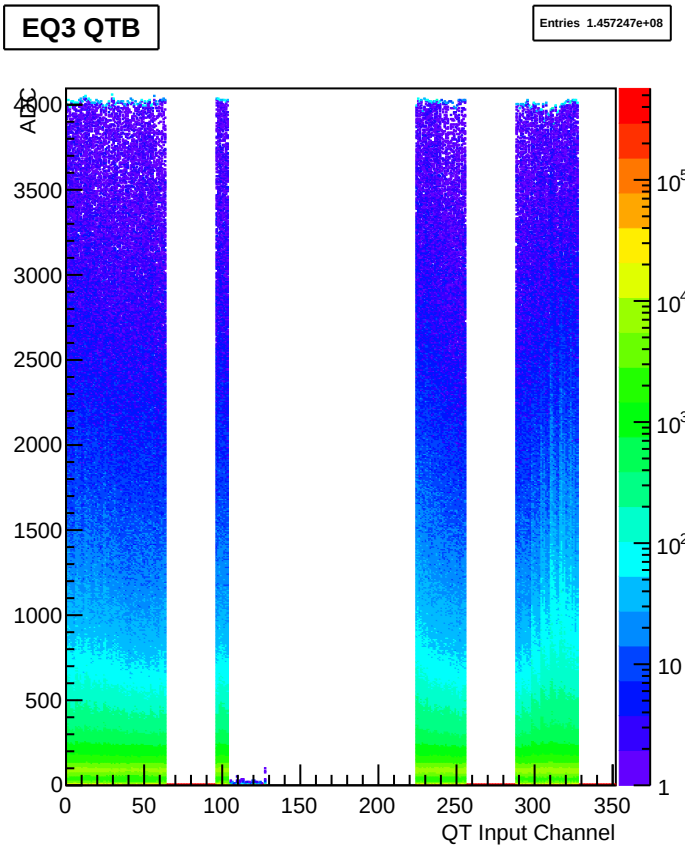

EQ1 QTC
Entries 5.464675e+07
TADC
QT Input Channel

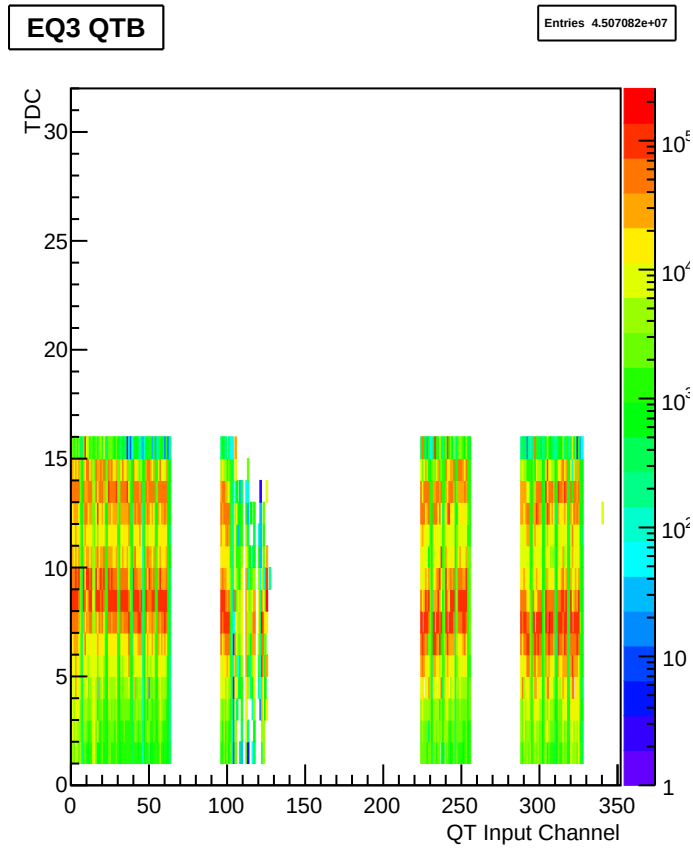

EQ2 QTB
Entries 1.639403e+08
ADC
QT Input Channel

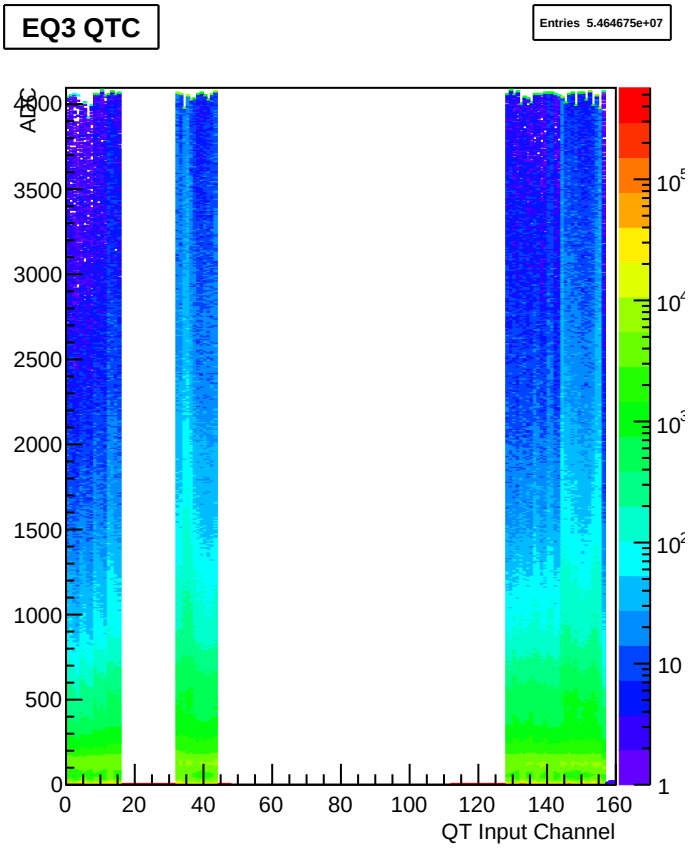

EQ2 QTB
Entries 5.320564e+07
TDC
QT Input Channel

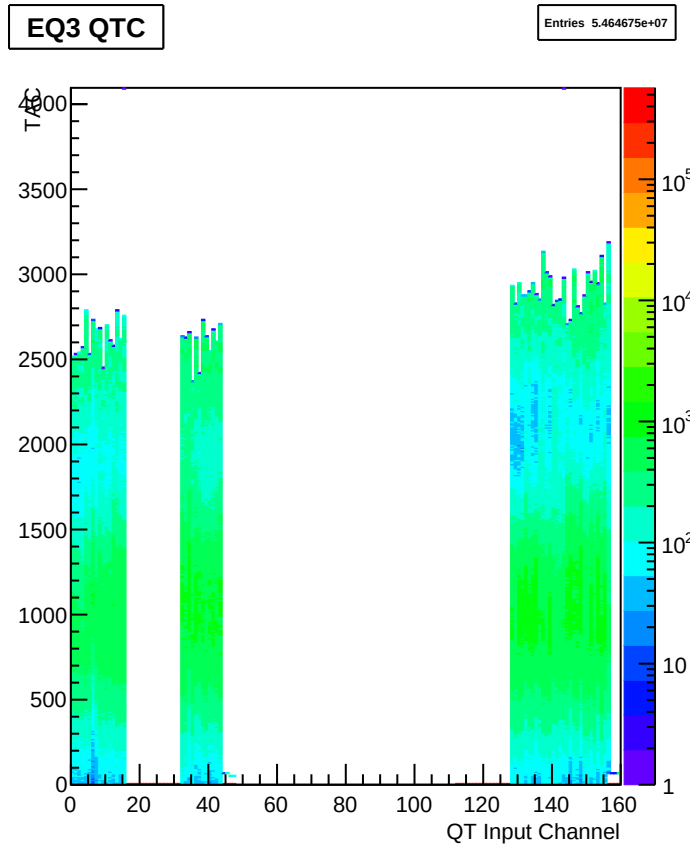

EQ2 QTC
Entries 5.464675e+07
ADC
QT Input Channel

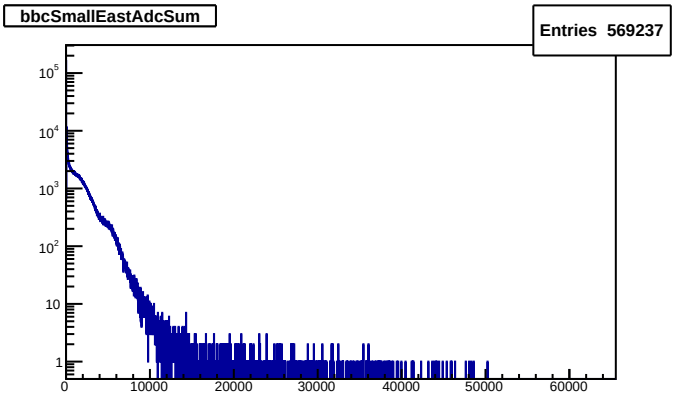

EQ2 QTC
Entries 5.464675e+07
TADC
QT Input Channel

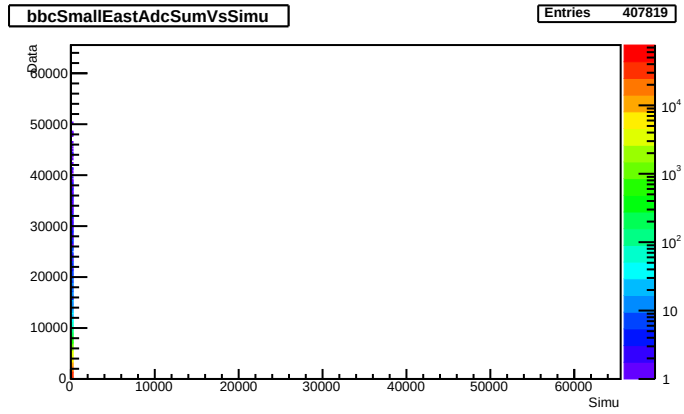

EQ3 QTB
Entries 1.457247e+08
ADC
QT Input Channel

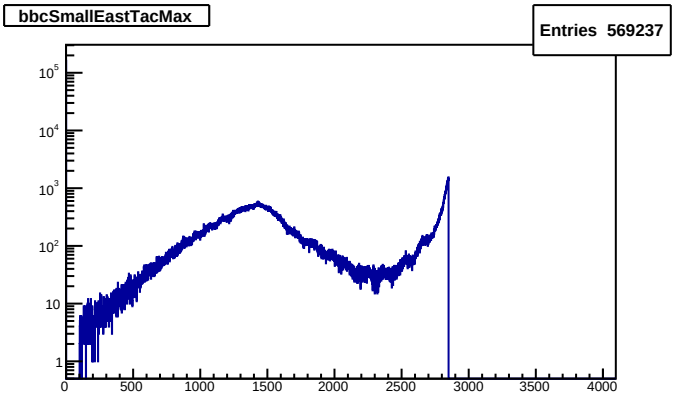

EQ3 QTB
Entries 4.507082e+07
TDC
QT Input Channel

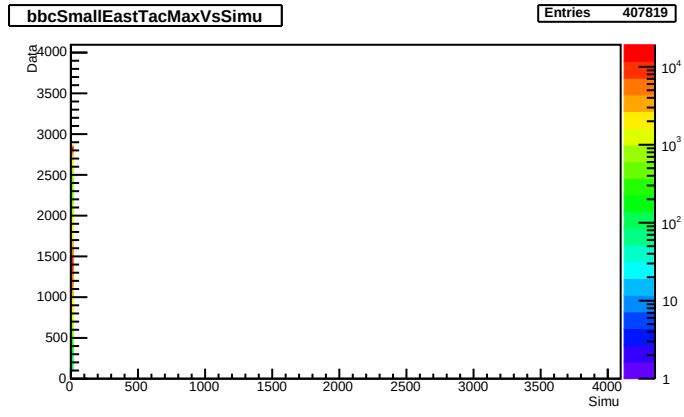

EQ3 QTC
Entries 5.464675e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.464675e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 569237


bbcSmallEastAdcSumVsSimu
Entries 407819
Data
Simu


bbcSmallEastTacMax
Entries 569237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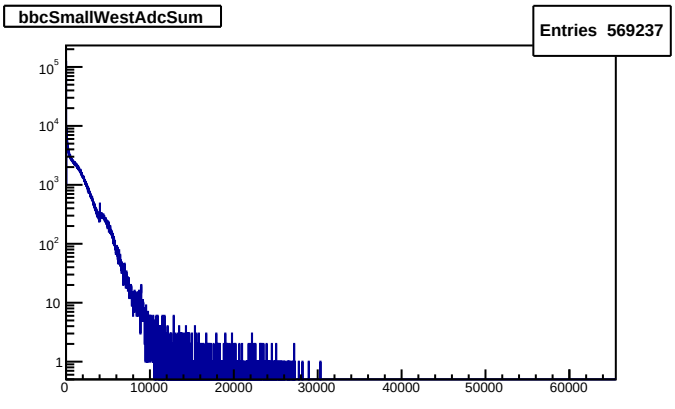
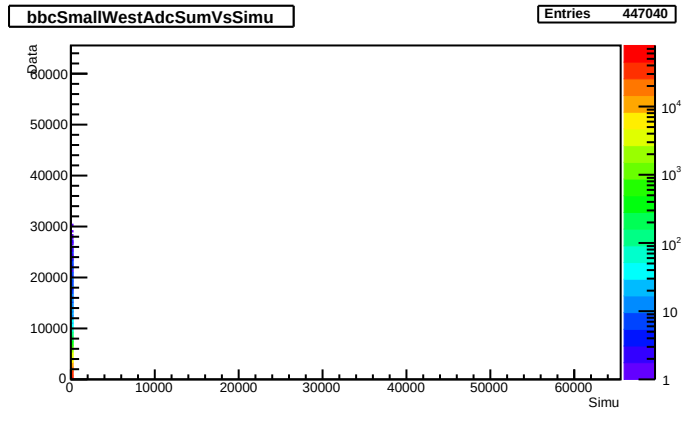
Entries 407819
Data
Simu


bbcSmallWestAdcSum
Entries 569237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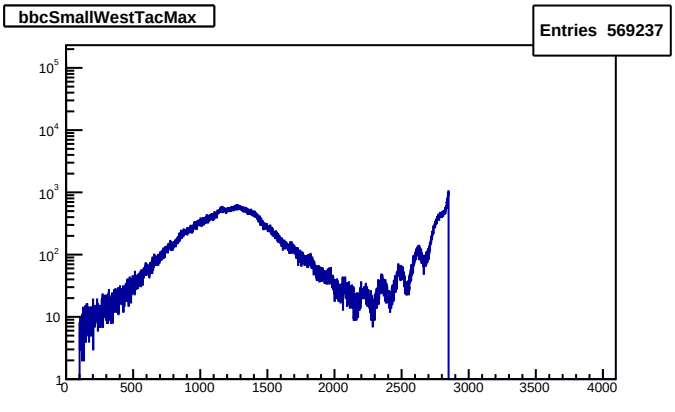
Entries 447040
Data
Simu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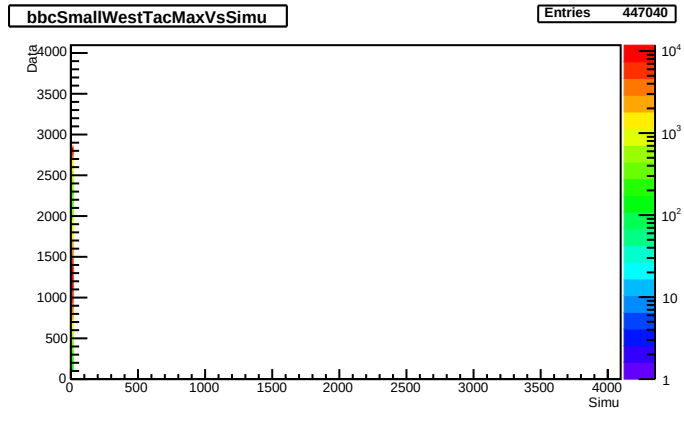
Entries 569237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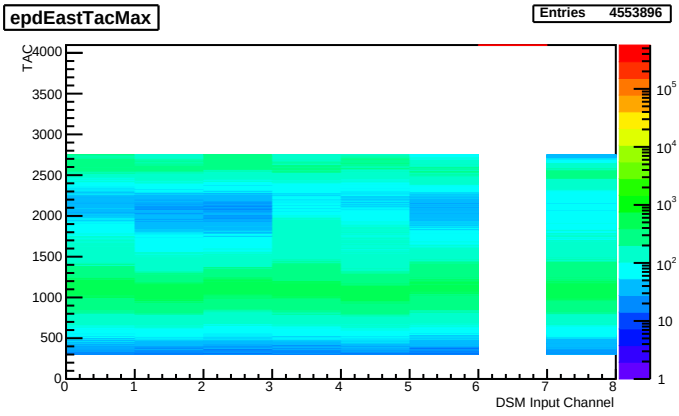
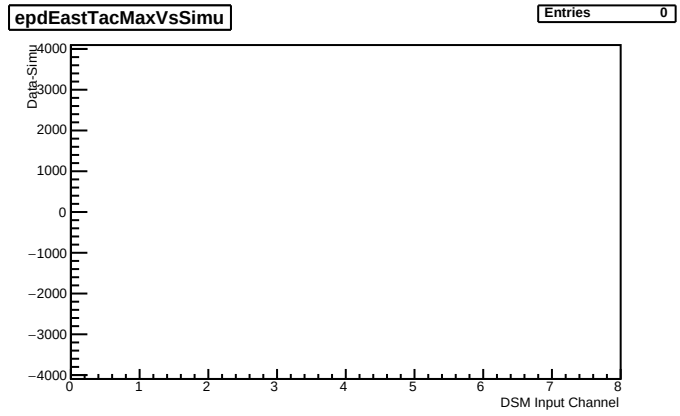
Entries 447040
Data
Simu


epdEastTacMax
Entries 4553896
TAC
DSM Input Channel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Entries 0
Data-Simu
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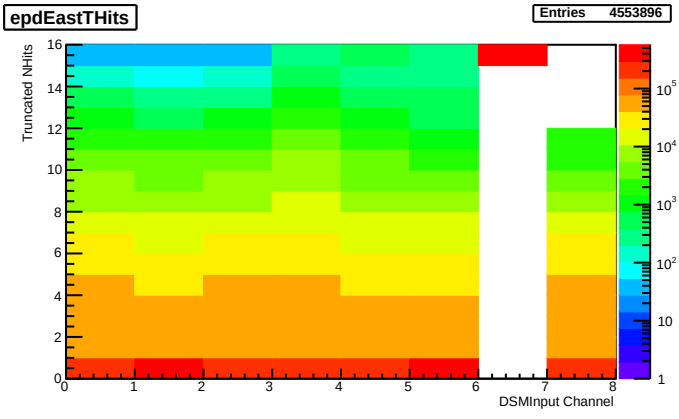
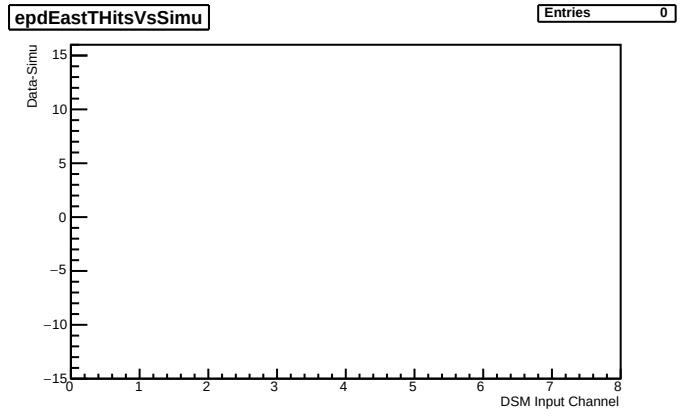

epdEastTHits
Entries 4553896
Truncated NHits
DSMInput Channel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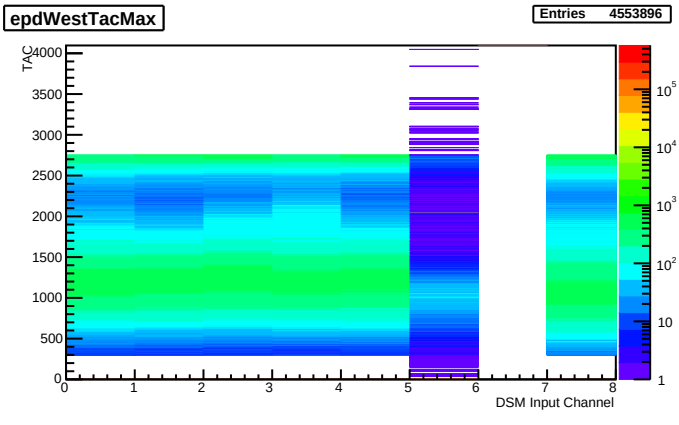
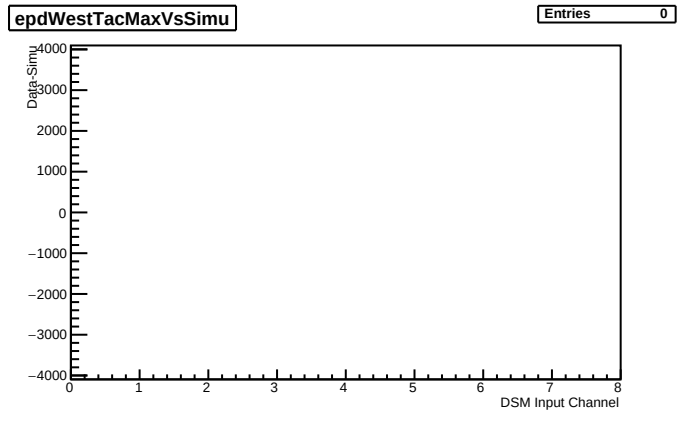
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4553896
TAC
DSM Input Channel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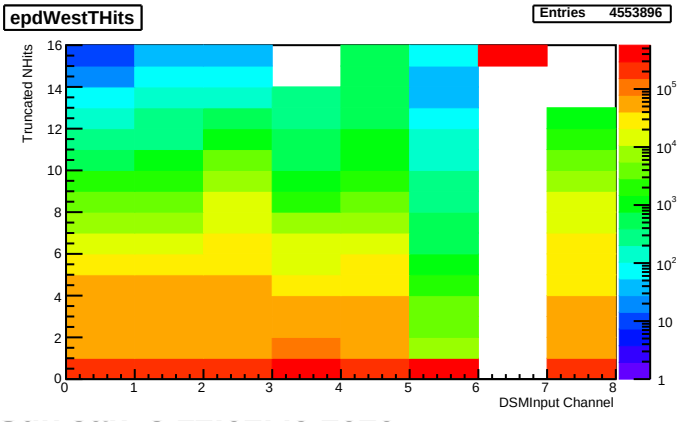
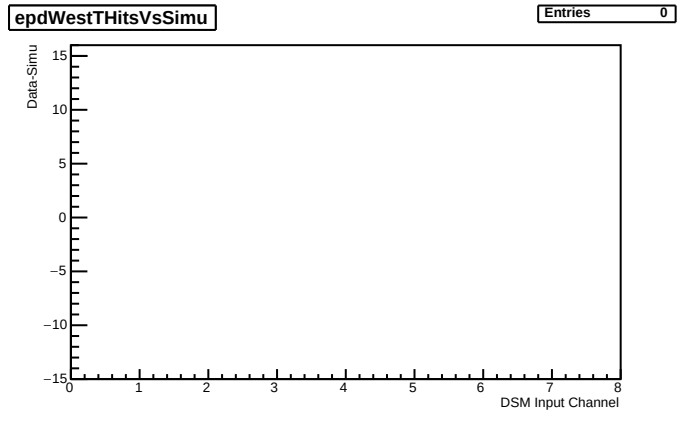
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4553896
Truncated NHits
DSMInput Channel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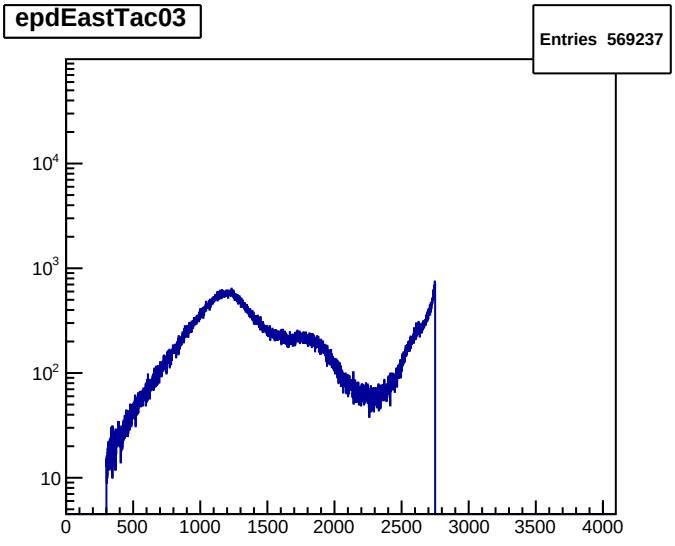
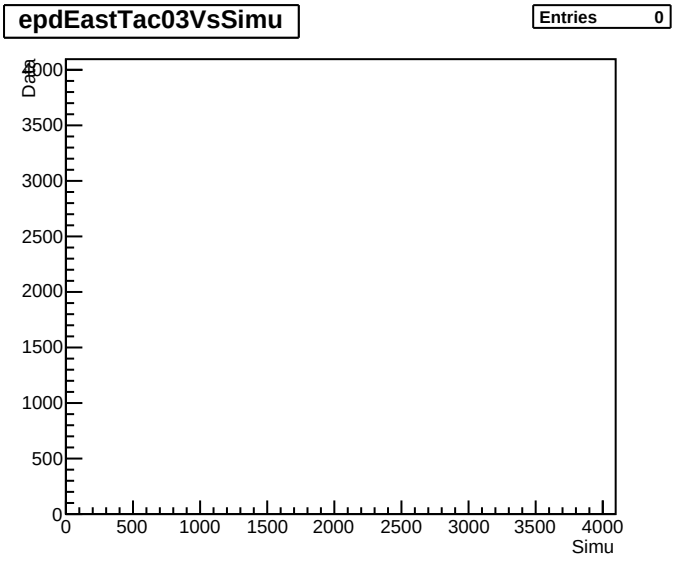
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 569237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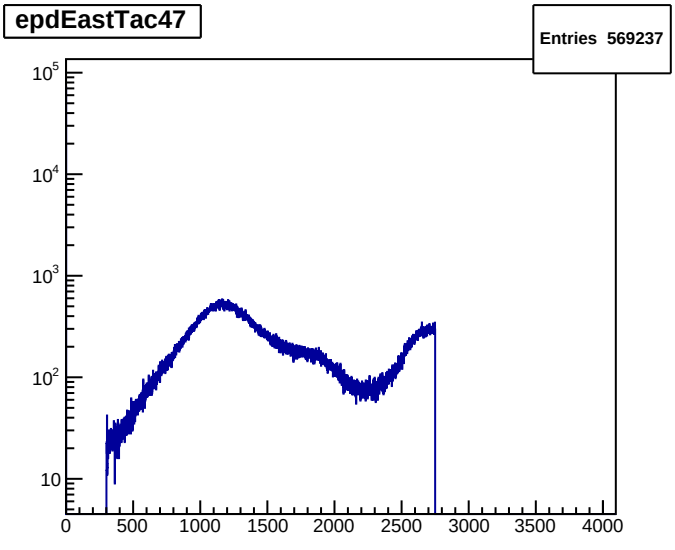
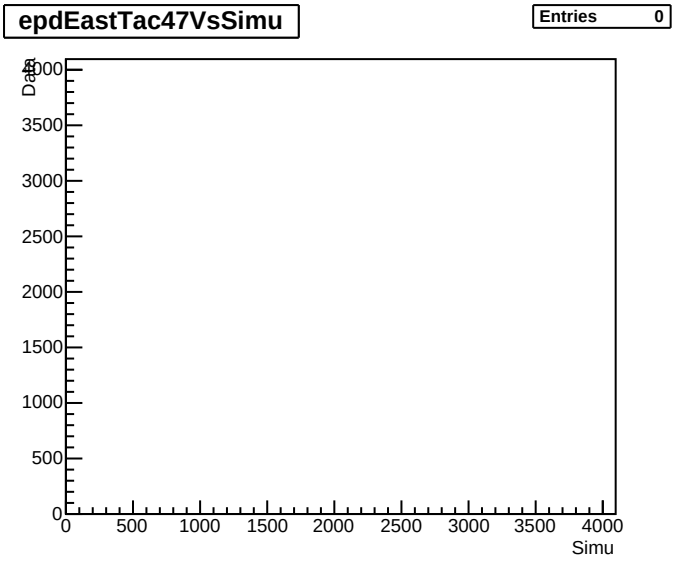
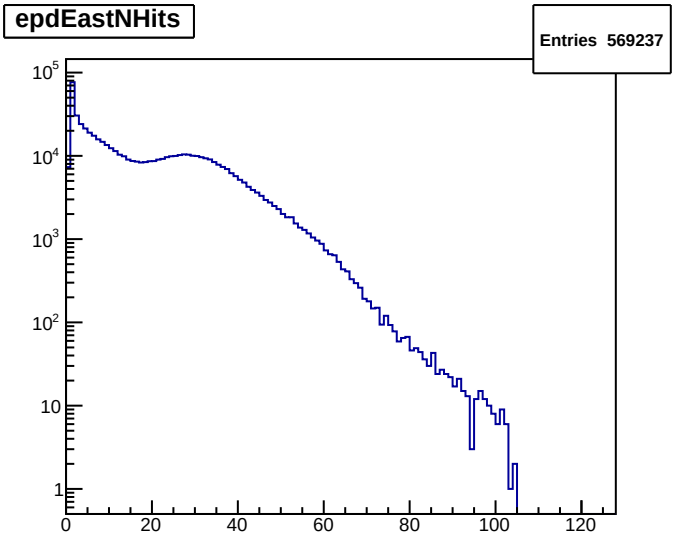
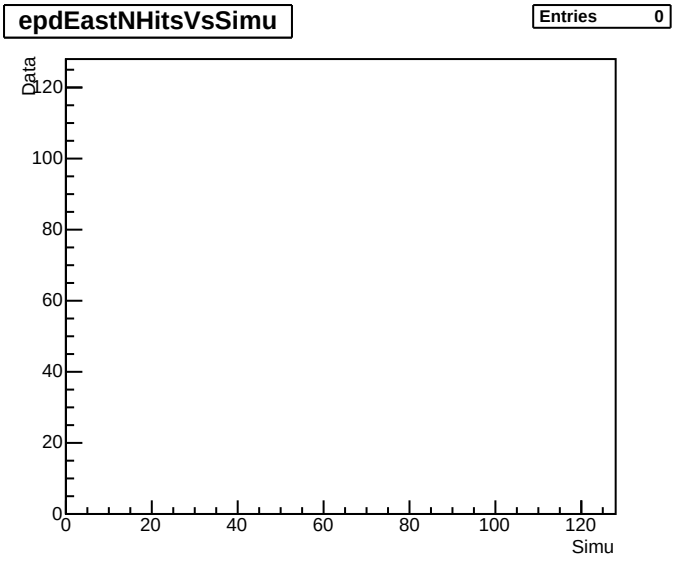
Entries 0
Data
Simu


epdEastTac47
Entries 569237


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 569237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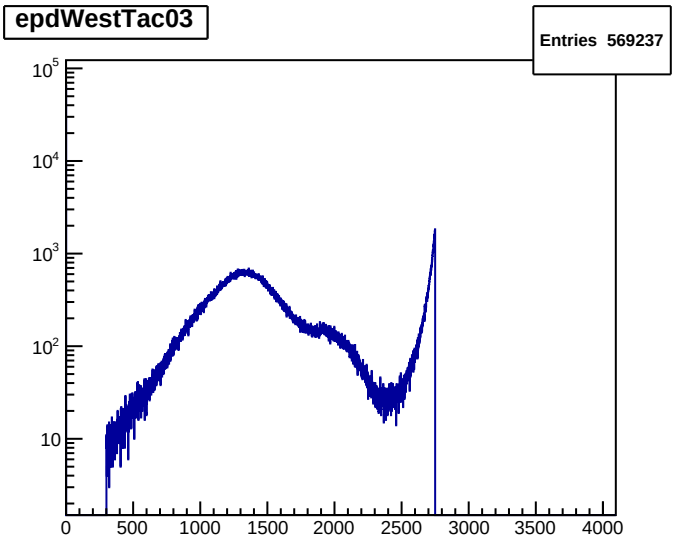
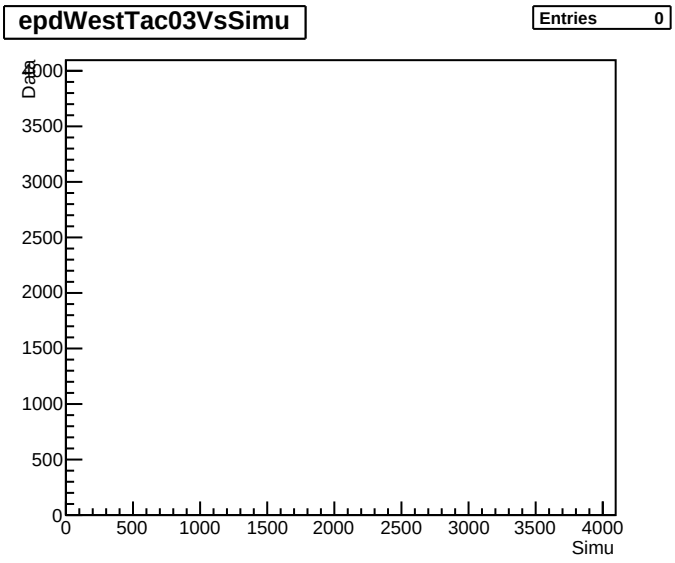
Entries 0
Data
Simu


epdWestTac03
Entries 569237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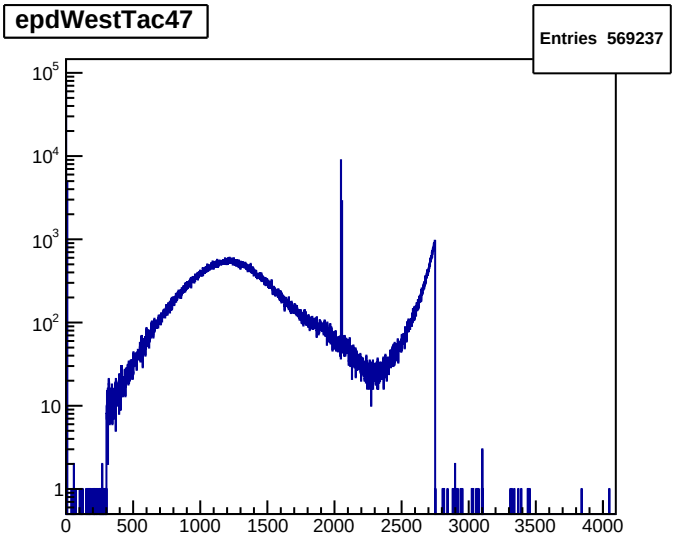
Entries 0
Data
Simu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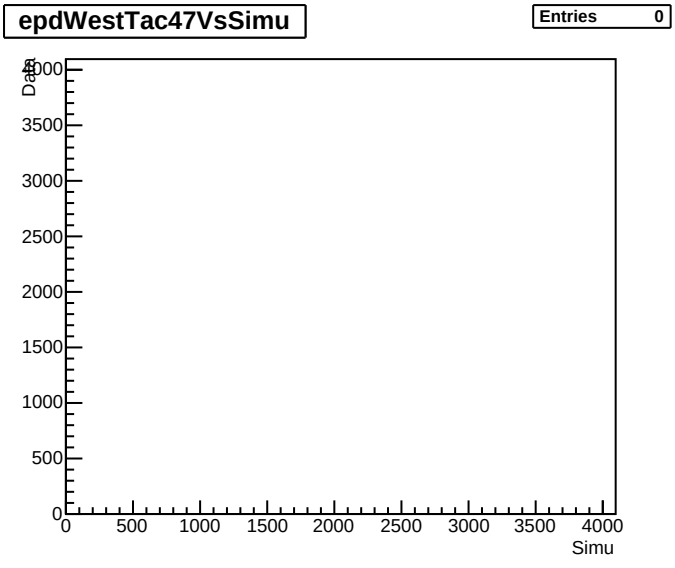
Entries 569237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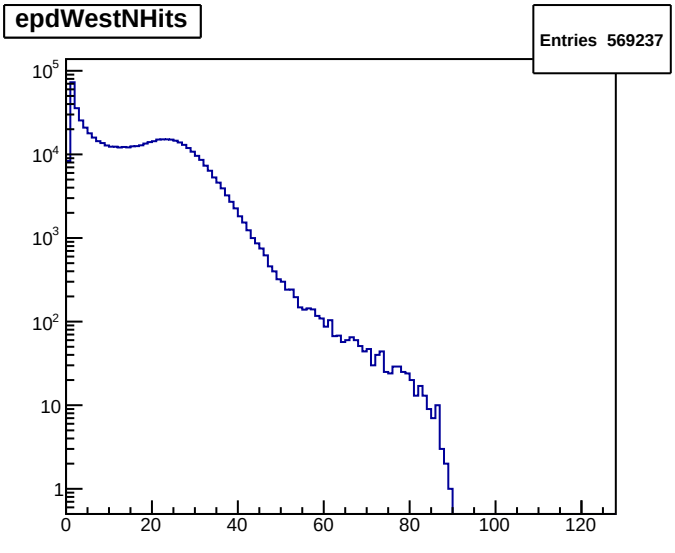
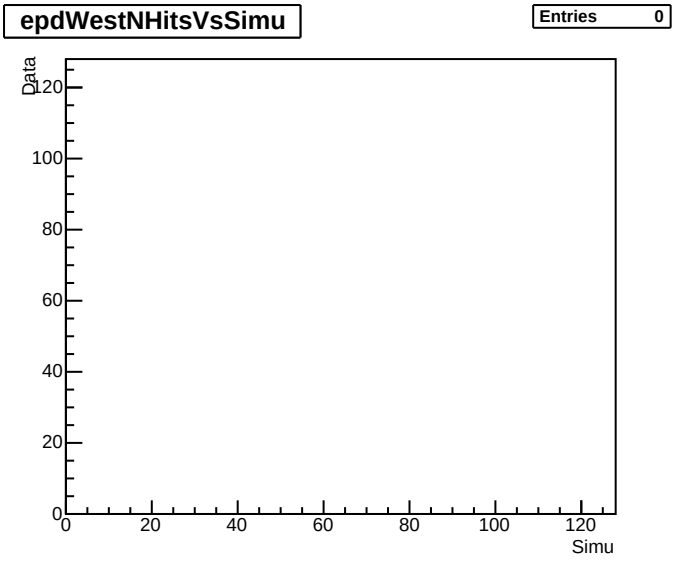
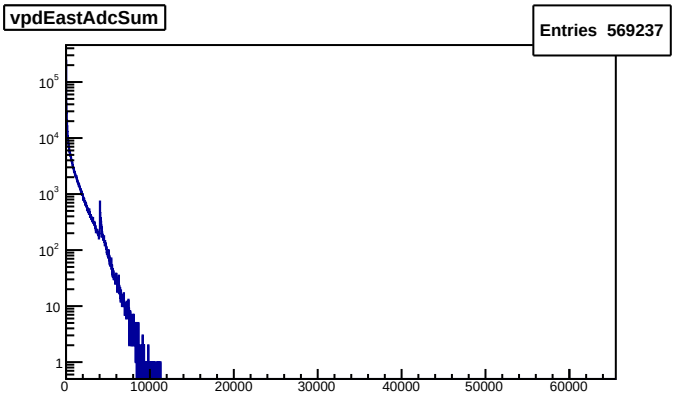
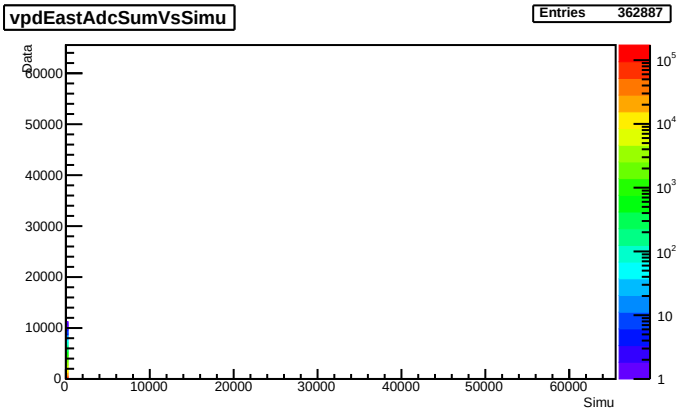
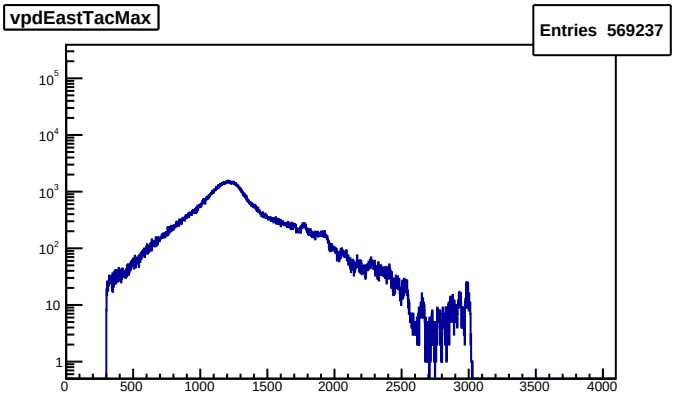
Entries 0
Data
Simu

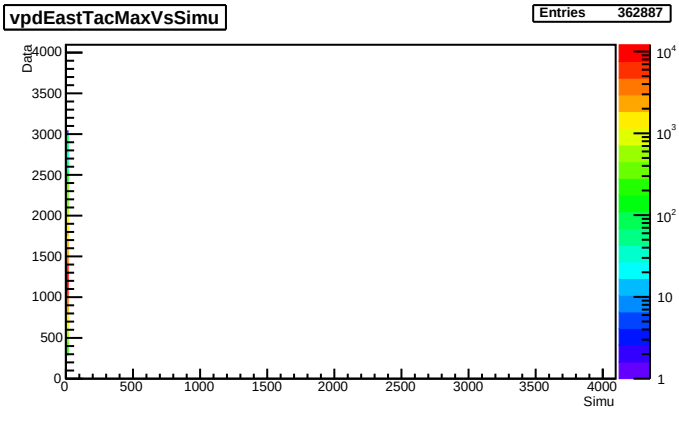

epdWestNHits
Entries 569237

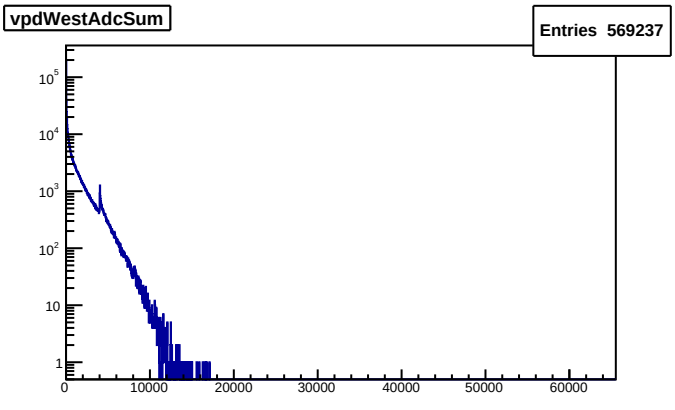

epdWestNHitsVsSimu
Entries 0
Data
Simu

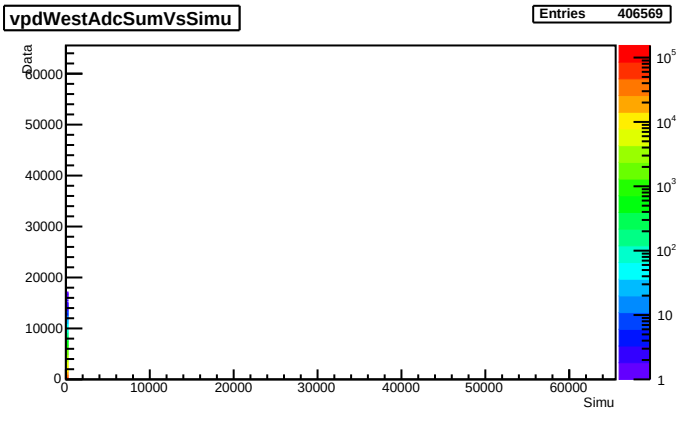

vpdEastAdcSum
Entries 569237

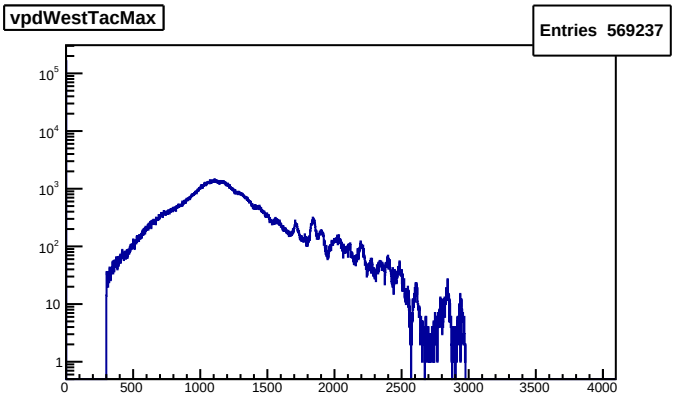

vpdEastAdcSumVsSimu
Entries 362887
Data
Simu

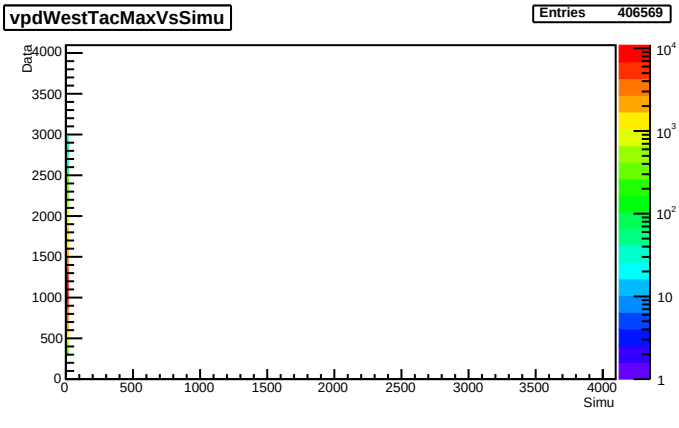

vpdEastTacMax
Entries 569237

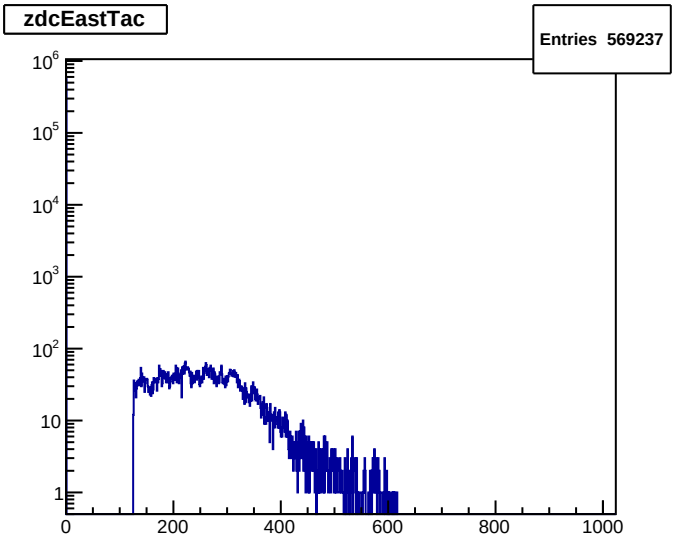

vpdEastTacMaxVsSimu
Entries 362887
Data
Simu

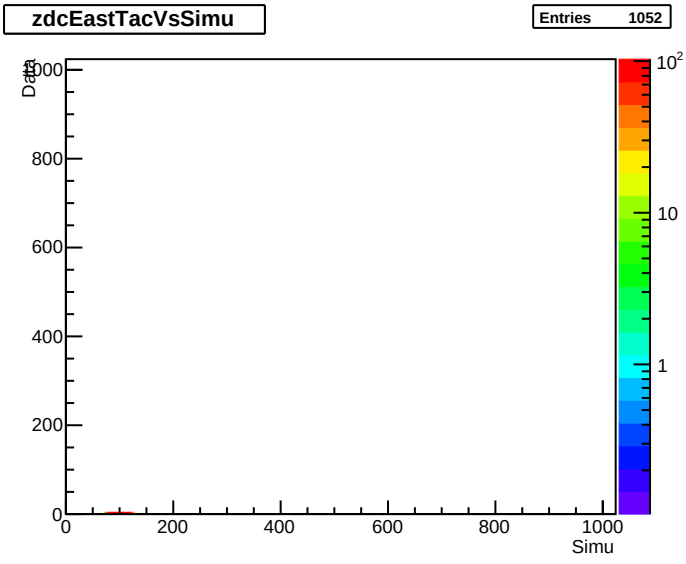

vpdWestAdcSum
Entries 569237

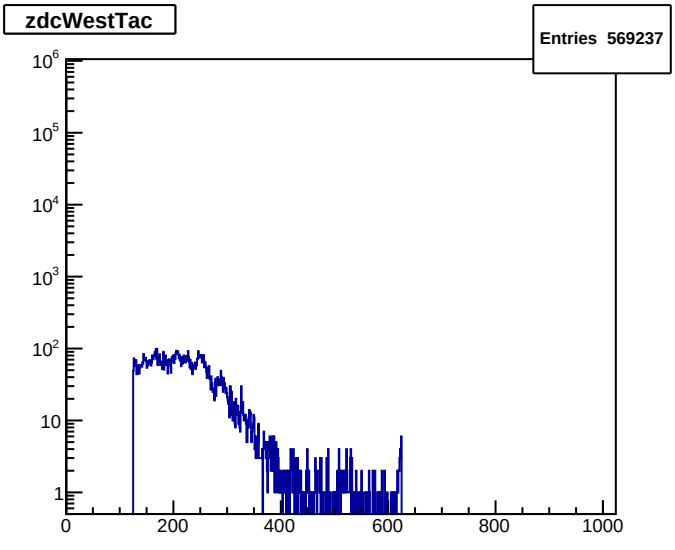

vpdWestAdcSumVsSimu
Entries 406569
Data
Simu

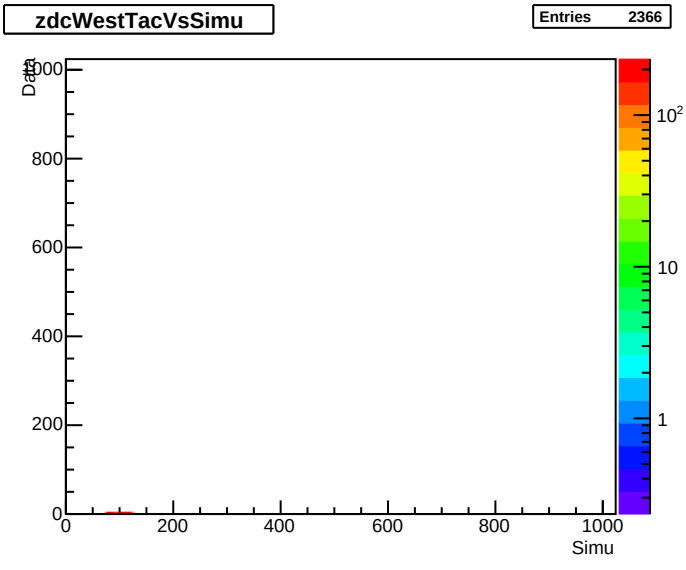

vpdWestTacMax
Entries 569237

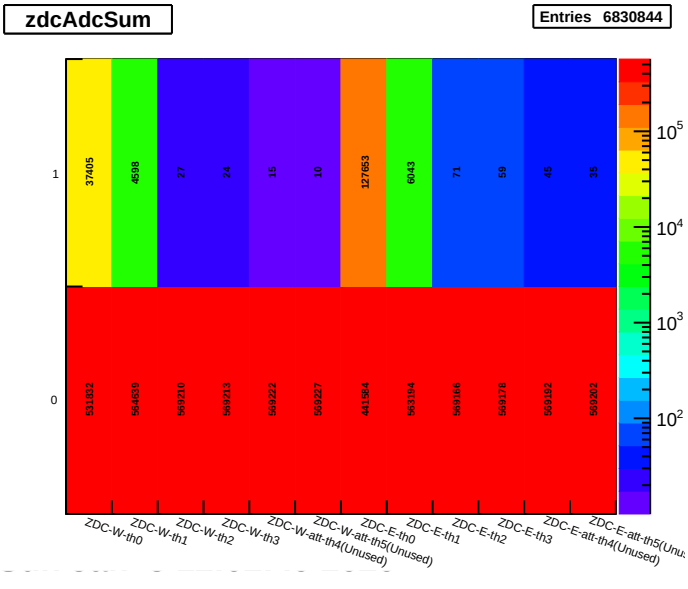

vpdWestTacMaxVsSimu
Entries 406569
Data
Simu

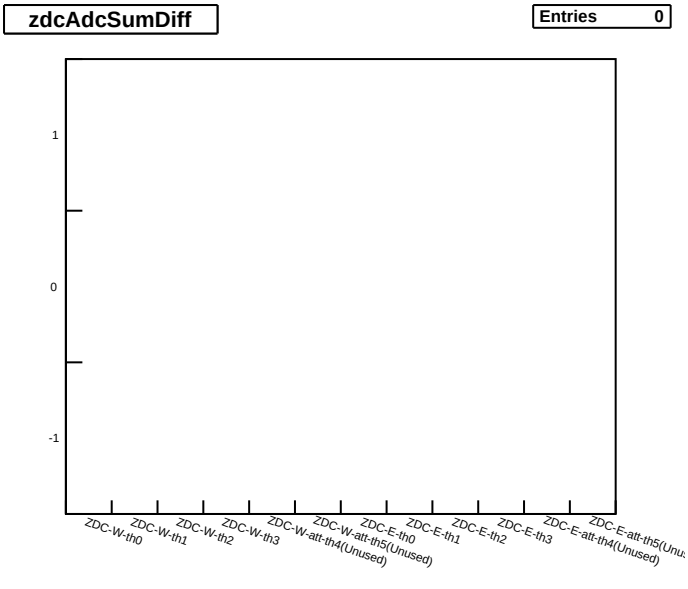

zdcEastTac
Entries 569237

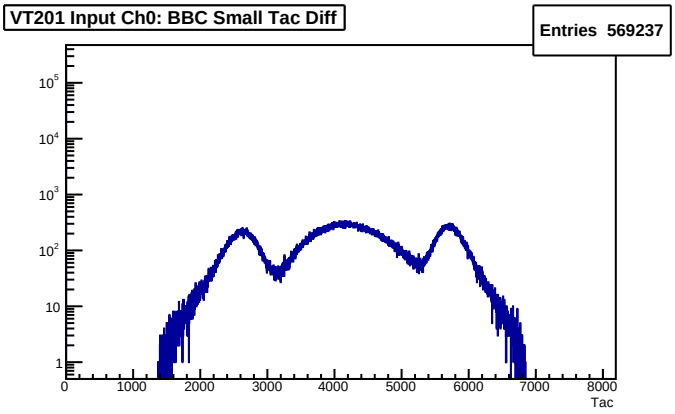

zdcEastTacVsSimu
Entries 1052
Data
Simu

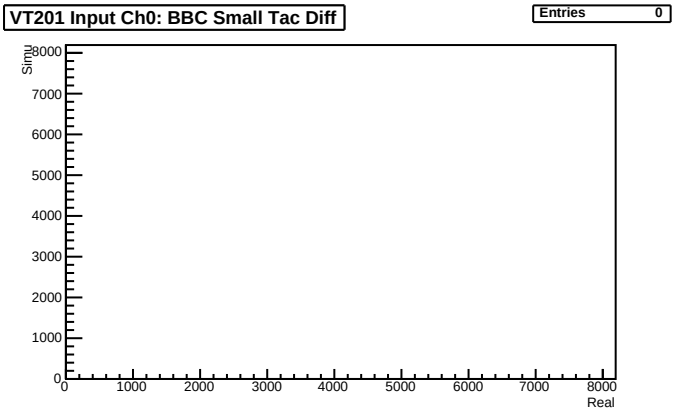

zdcWestTac
Entries 569237

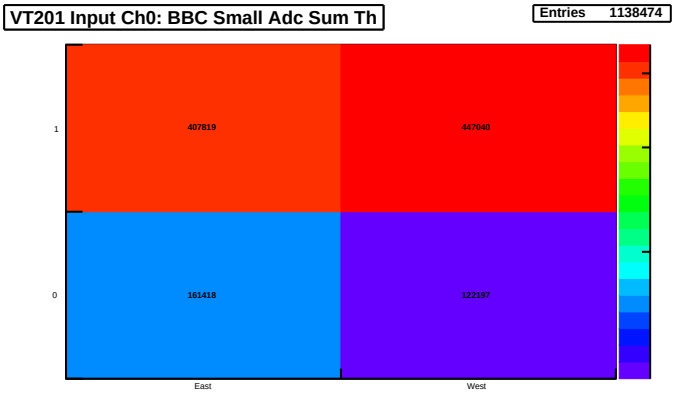

zdcWestTacVsSimu
Entries 2366
Data
Simu

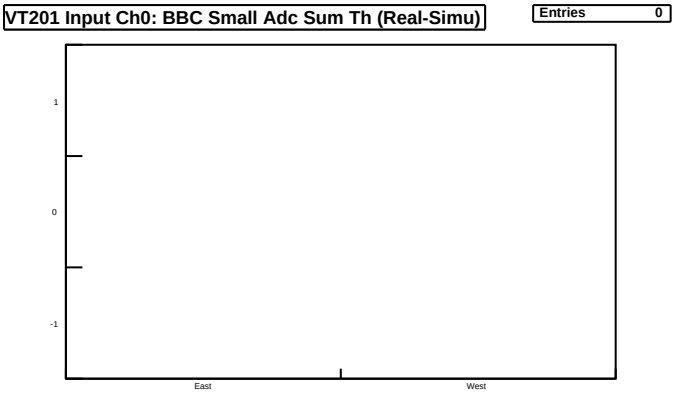

zdcAdcSum
Entries 6830844
37405
4598
27
24
15
10
127653
6043
71
59
45
35
531832
564639
569210
569213
569222
569227
441594
563194
569166
569178
569192
569202
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

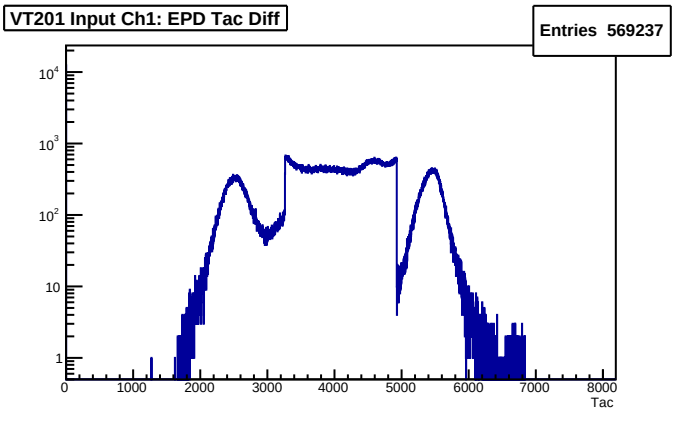

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

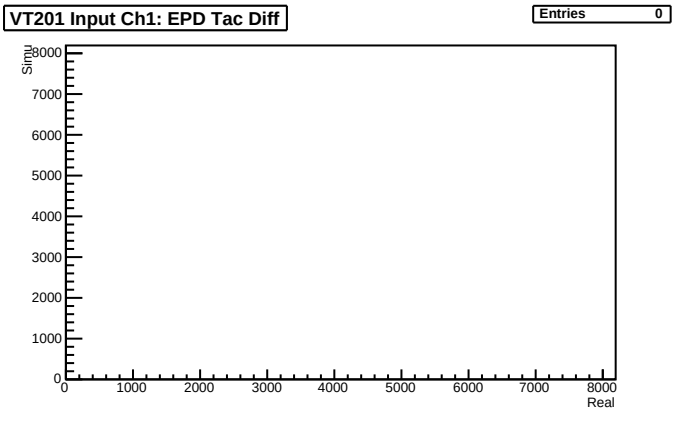

VT201 Input Ch0: BBC Small Tac Diff
Entries 569237
Tac

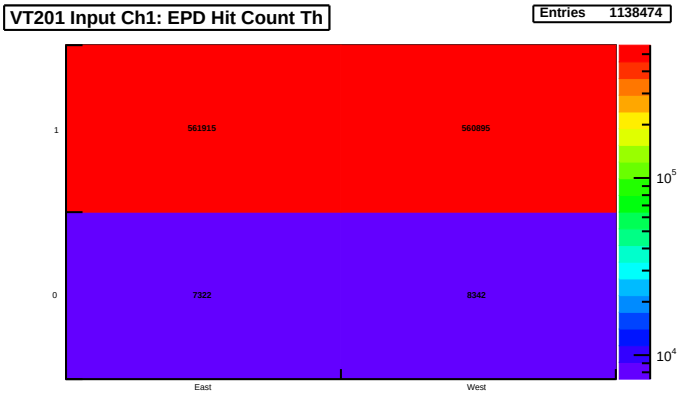

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

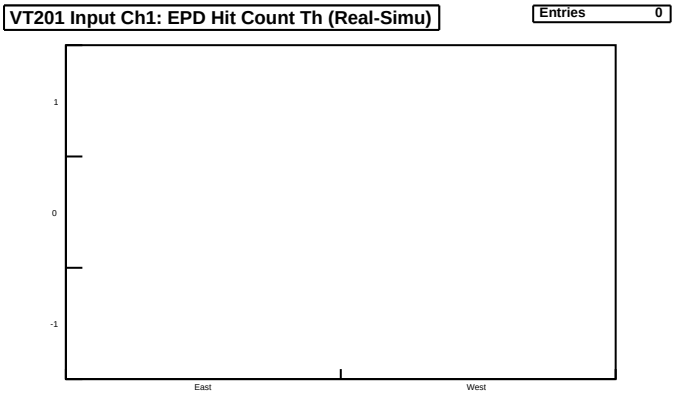

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1138474
407819
447040
161418
122197
East
West

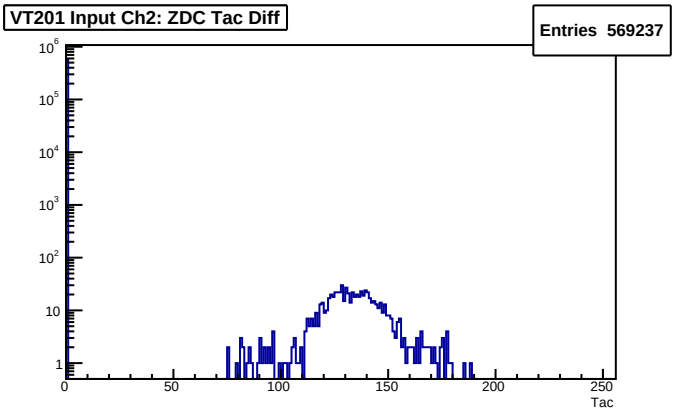

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

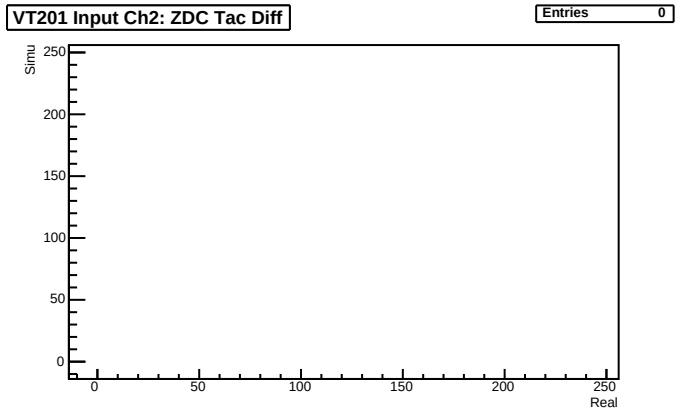

VT201 Input Ch1: EPD Tac Diff
Entries 569237
Tac

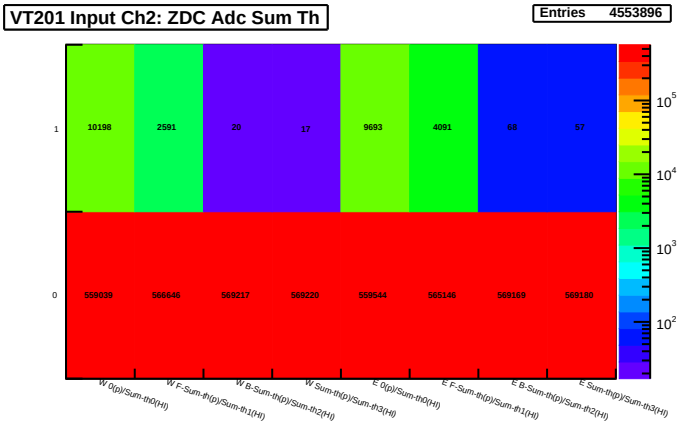

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

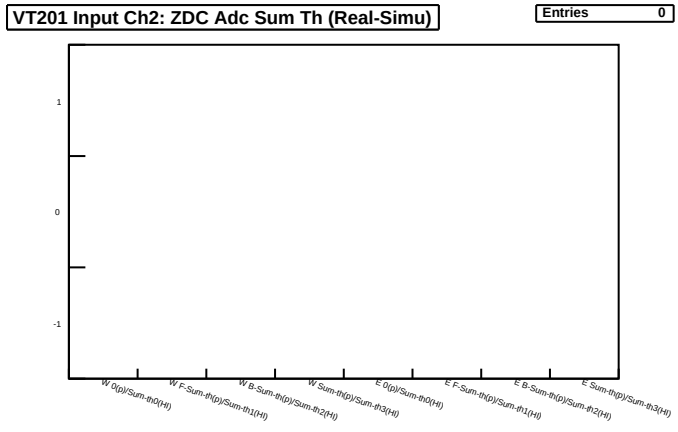

VT201 Input Ch1: EPD Hit Count Th
Entries 1138474
561915
560895
7322
8342
East
West

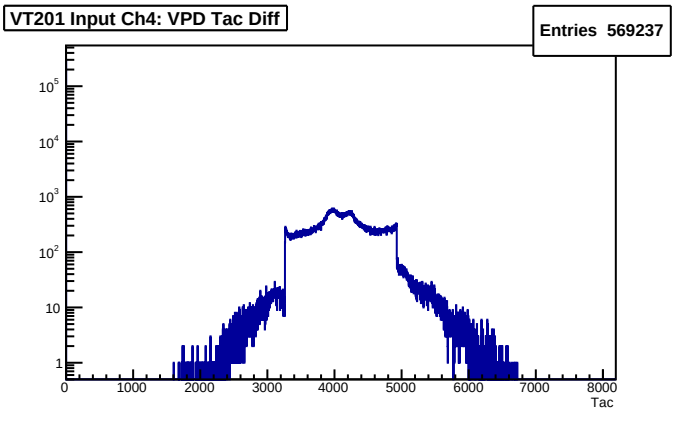

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

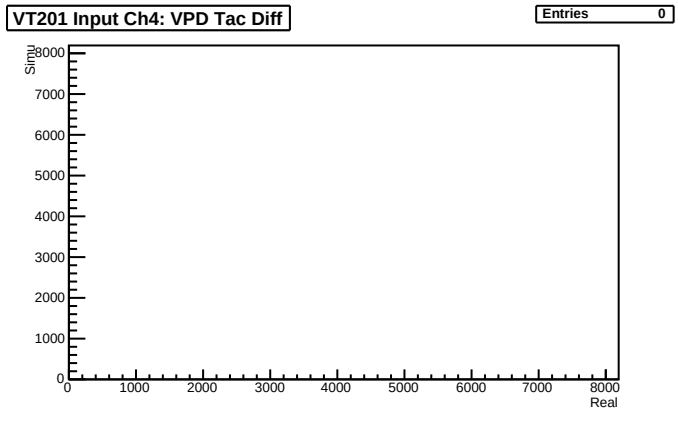

VT201 Input Ch2: ZDC Tac Diff
Entries 569237
Tac

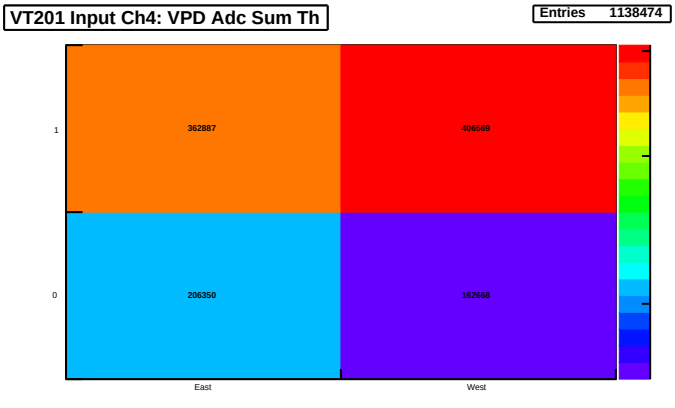

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

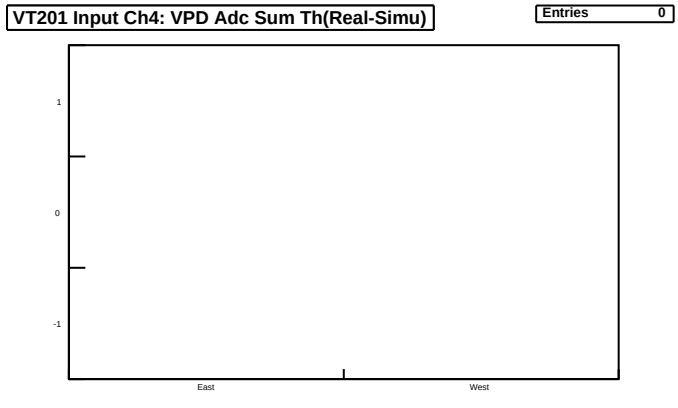

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4553896
10198
2591
20
17
9693
4091
68
57
559039
566646
569217
569220
559544
565146
569169
569180
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

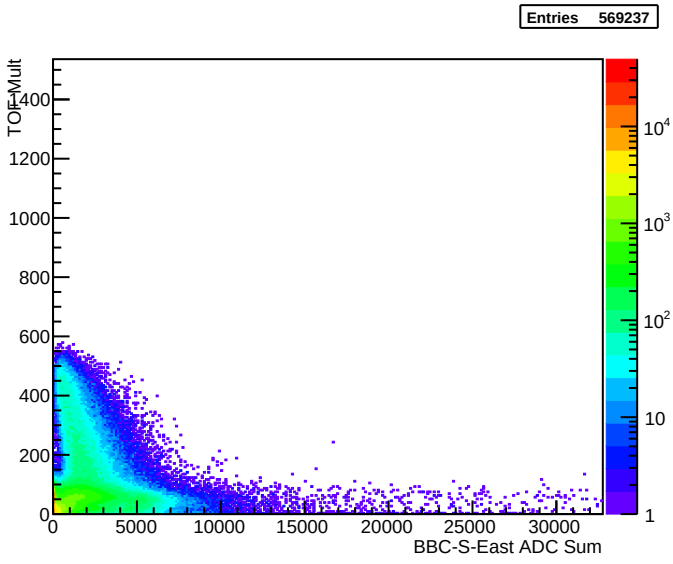

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

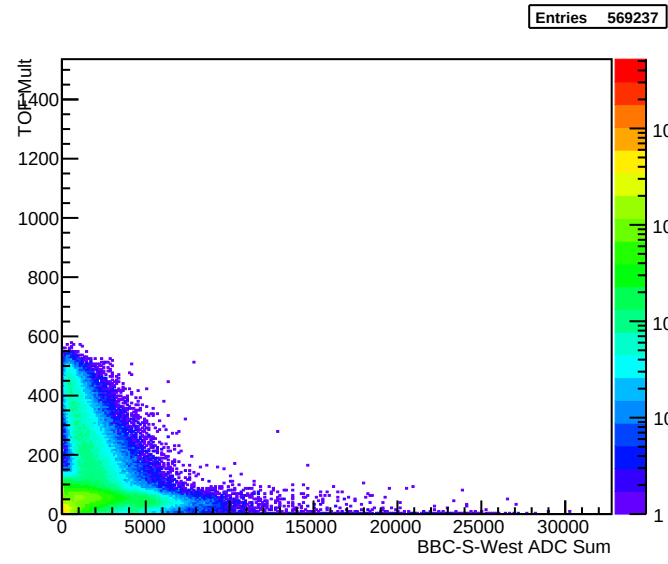

VT201 Input Ch4: VPD Tac Diff
Entries 569237
Tac

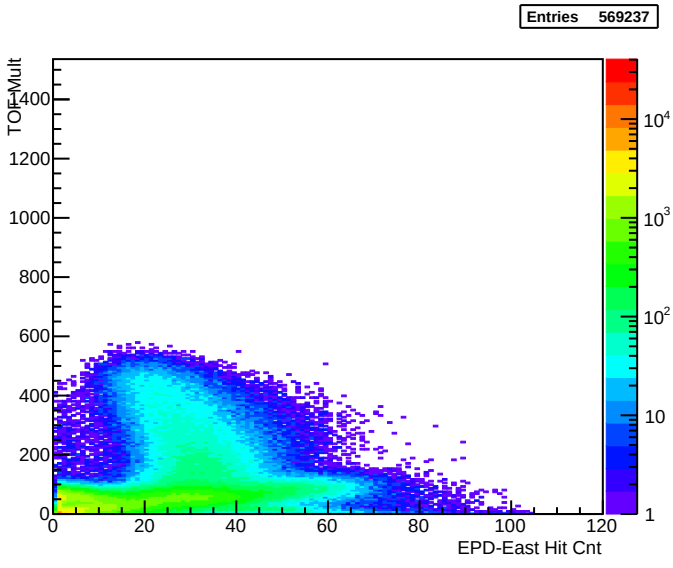

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

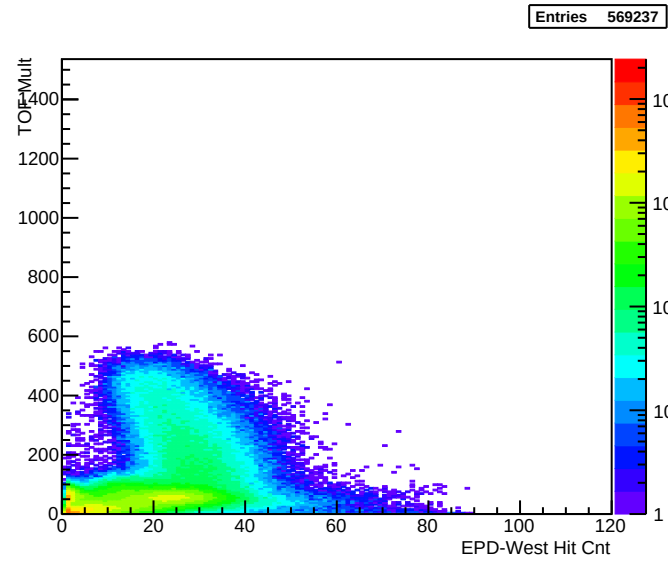

VT201 Input Ch4: VPD Adc Sum Th
Entries 1138474
362887
406569
206350
162068
East
West

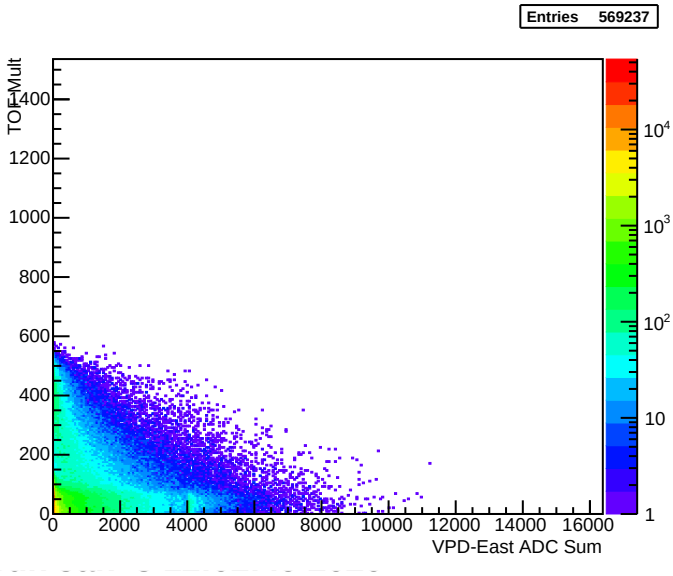

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

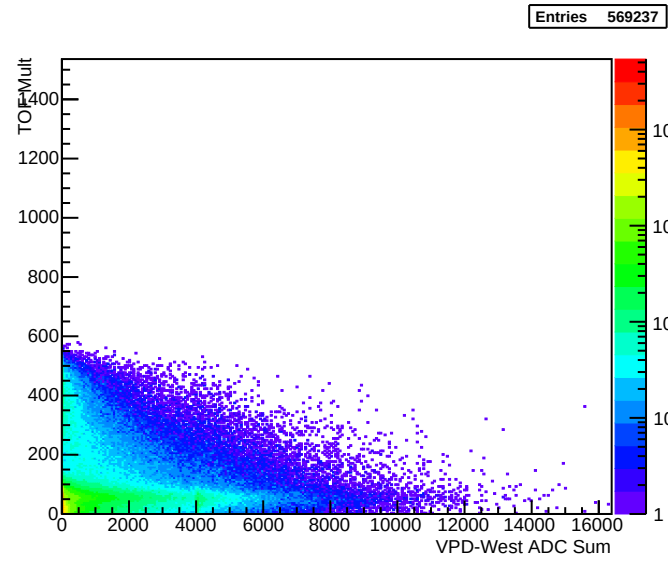

Entries 569237
TOF-Mult
BBC-S-East ADC Sum

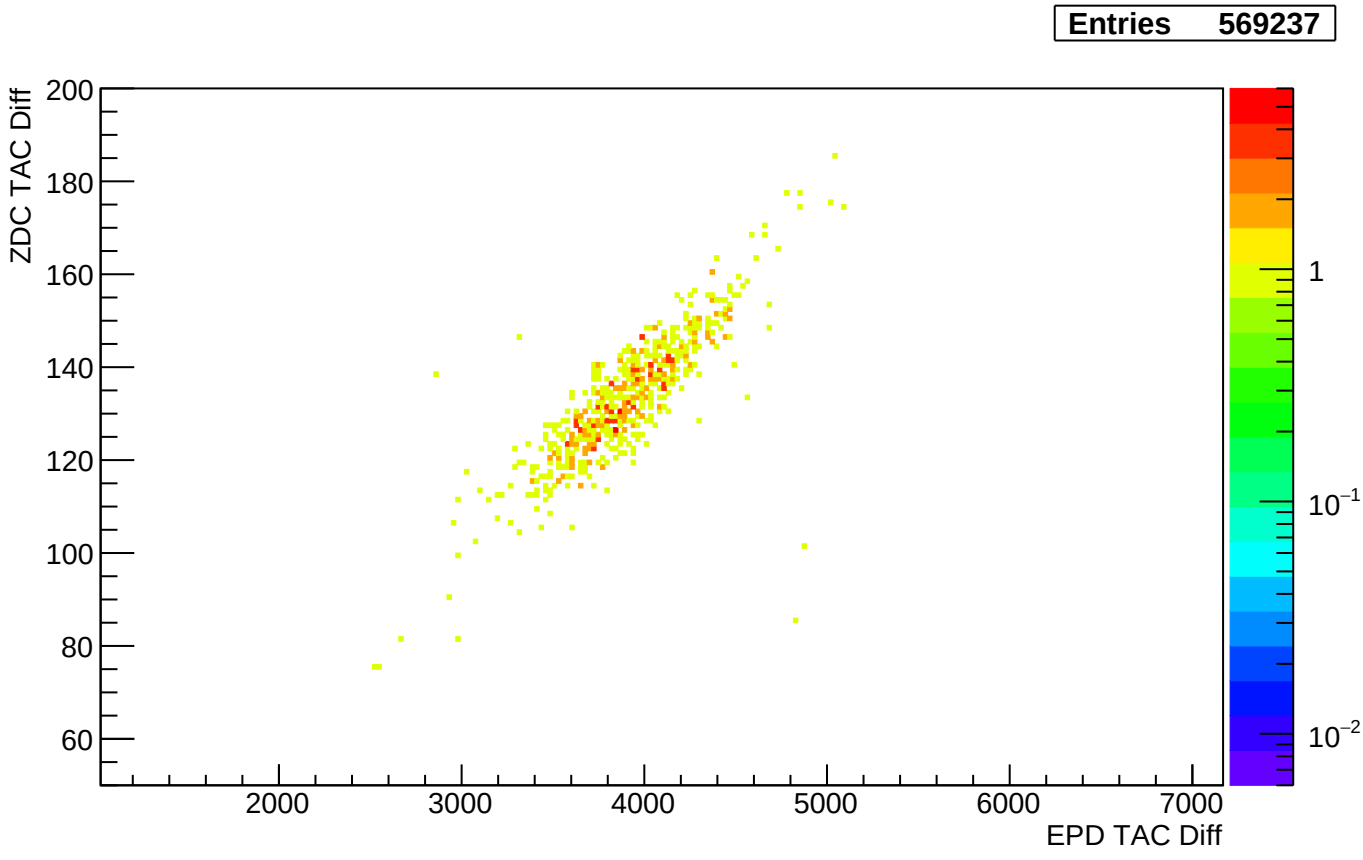

Entries 569237
TOF-Mult
BBC-S-West ADC Sum

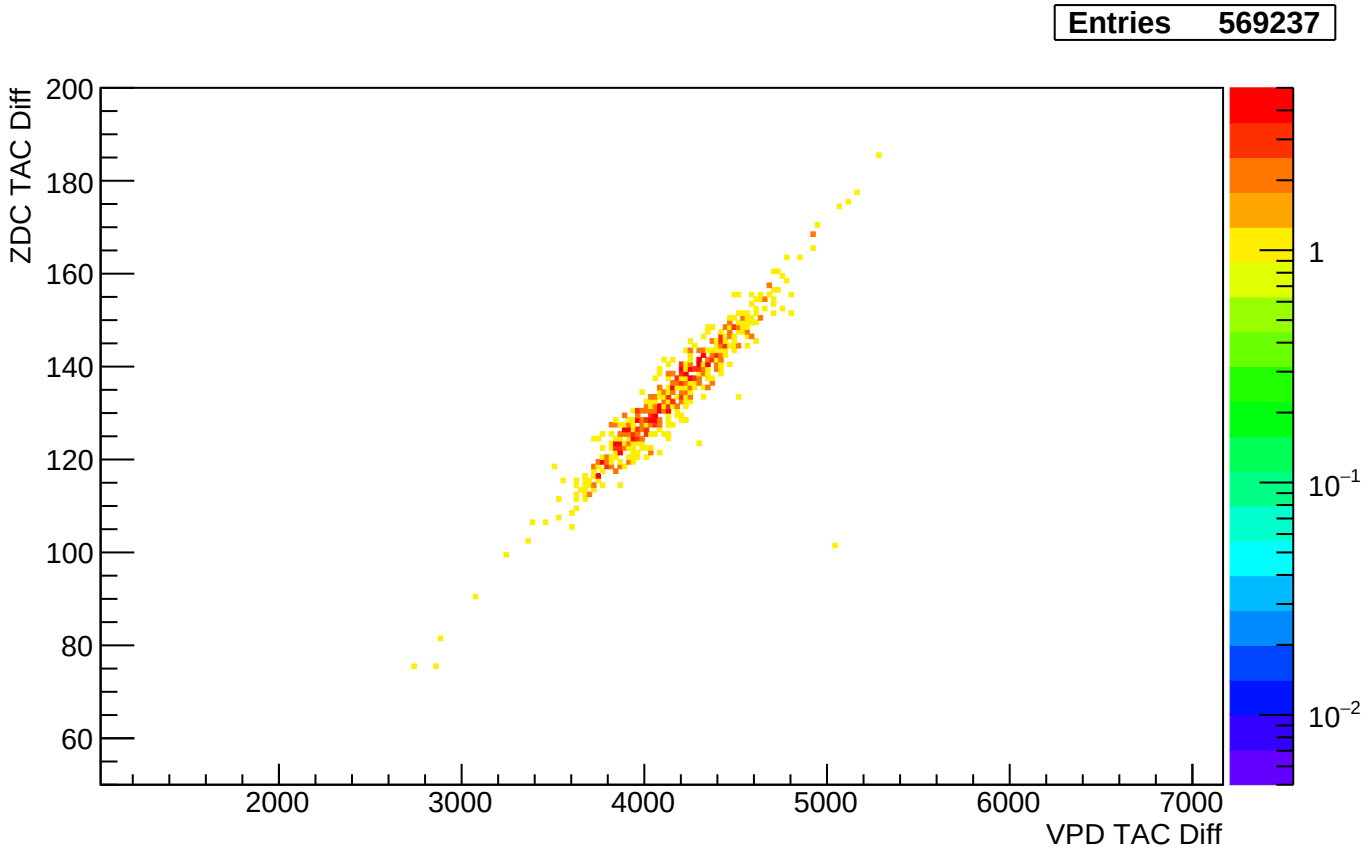

Entries 569237
TOF-Mult
EPD-East Hit Cnt

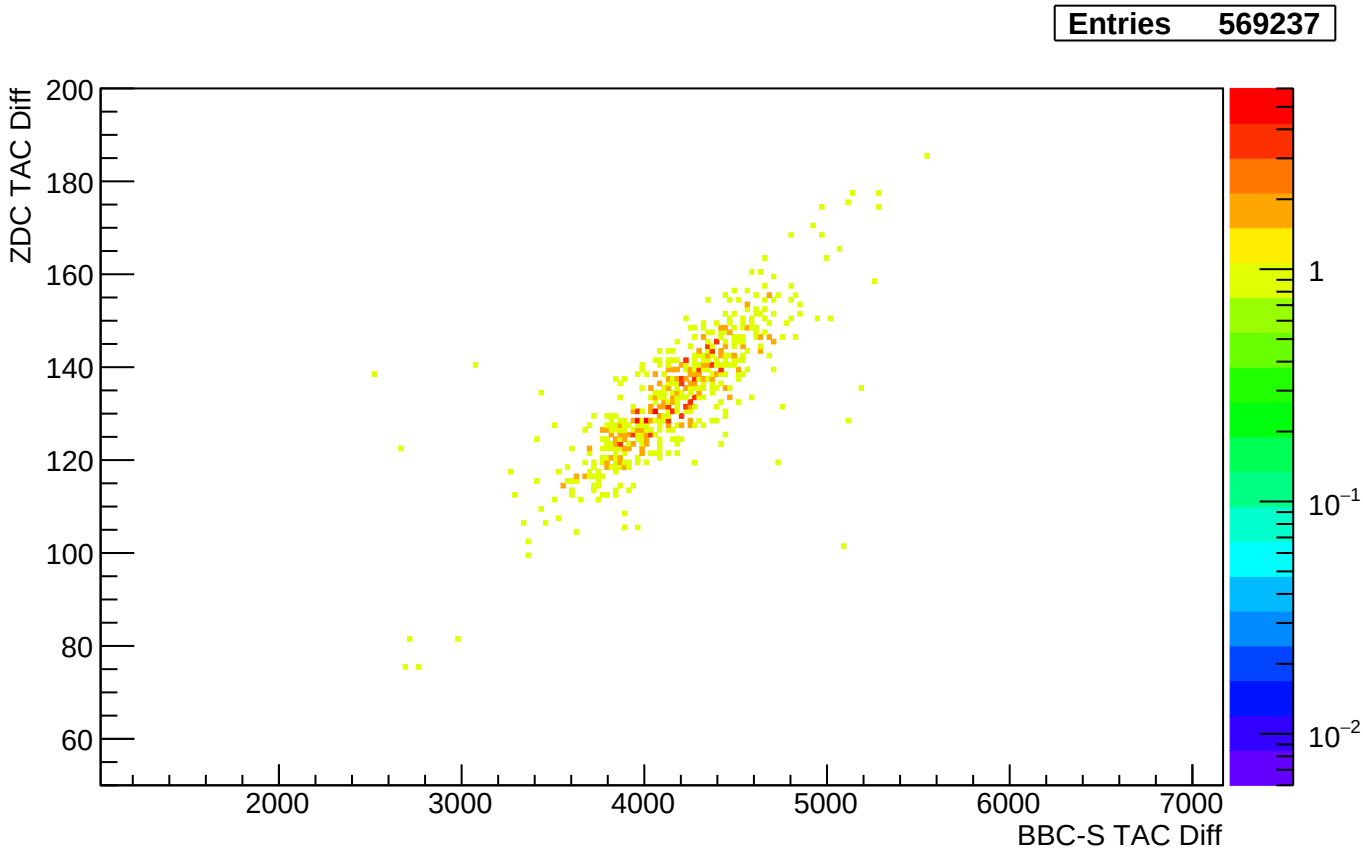

Entries 569237
TOF-Mult
EPD-West Hit Cnt

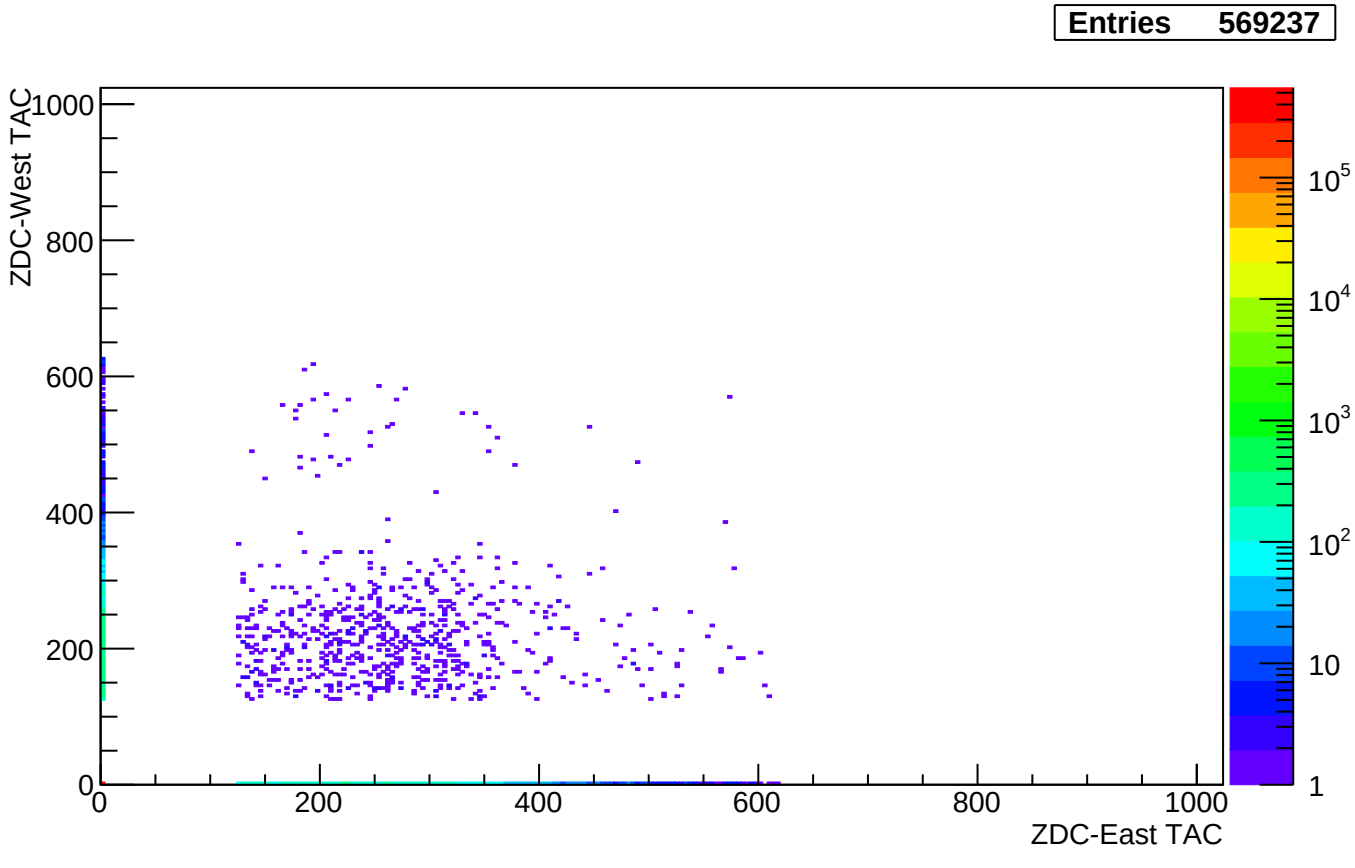

Entries 569237
TOF-Mult
VPD-East ADC Sum

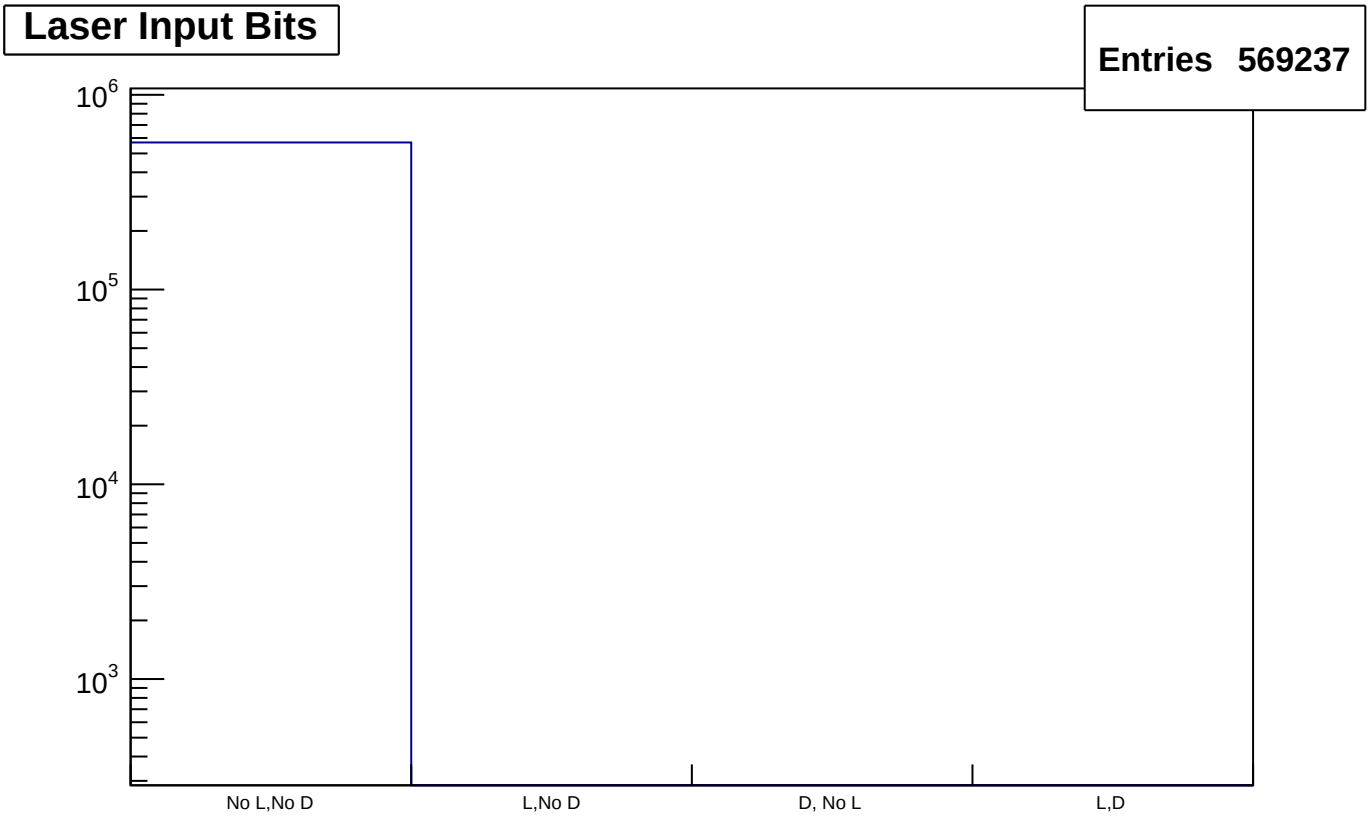

Entries 569237
TOF-Mult
VPD-West ADC Sum

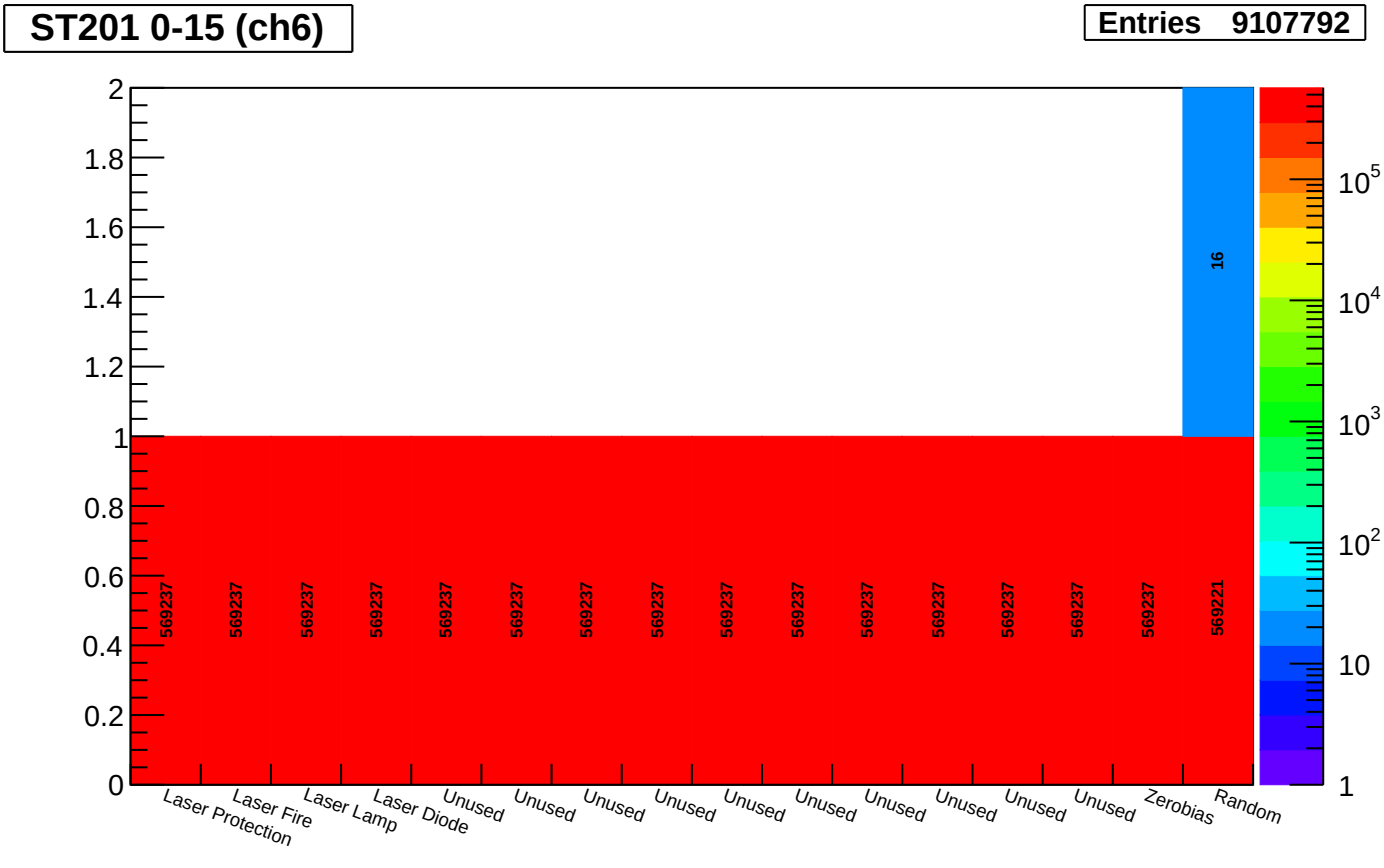

Entries 569237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

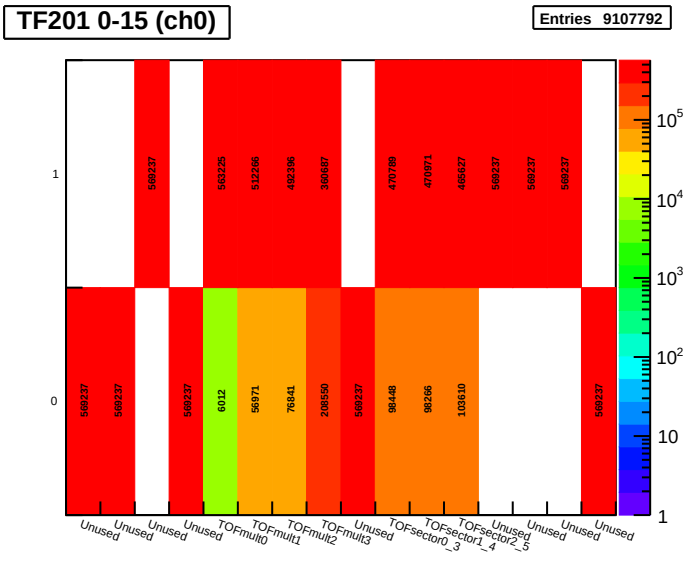

Entries 569237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

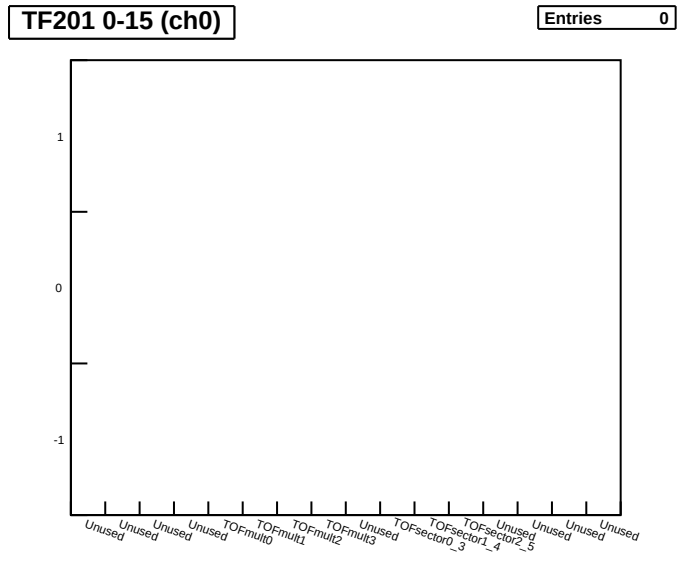

Entries 569237
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

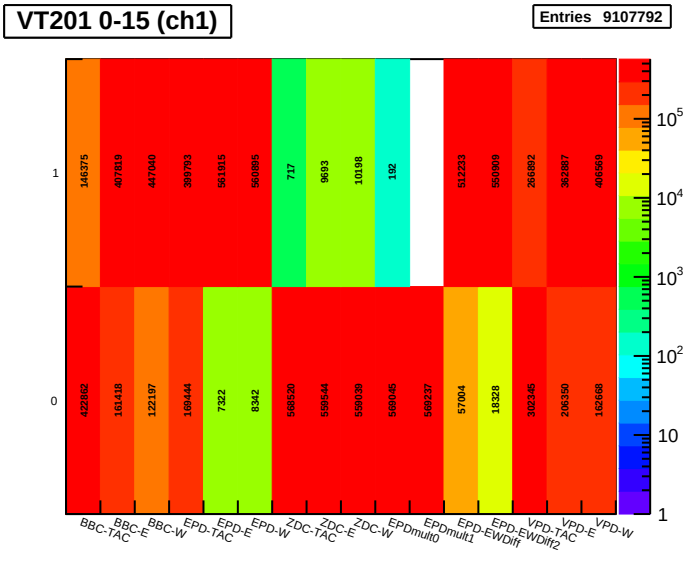

Entries 569237
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

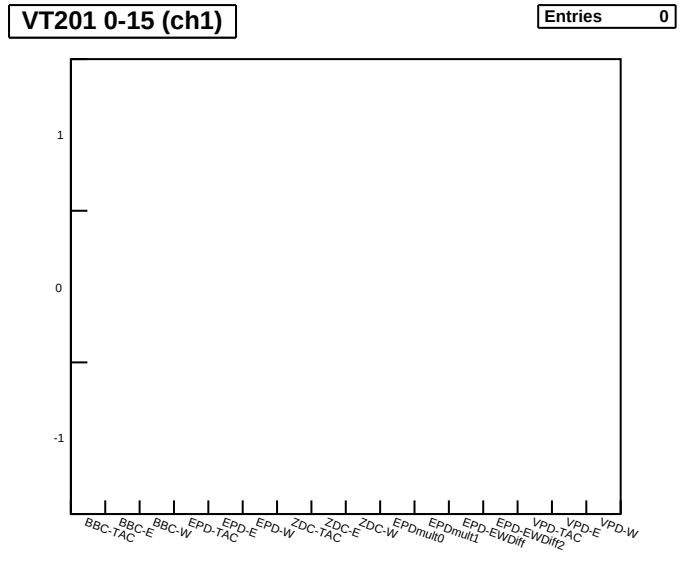

Laser Input Bits
Entries 569237
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

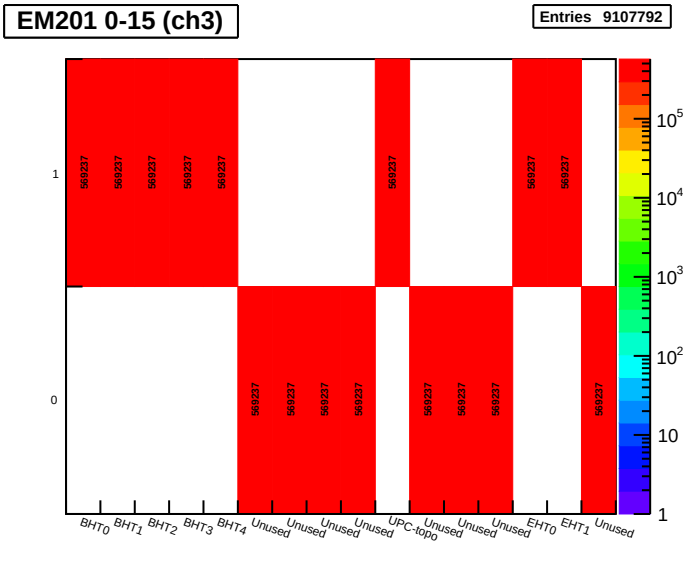

ST201 0-15 (ch6)
Entries 9107792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
569237
569221
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

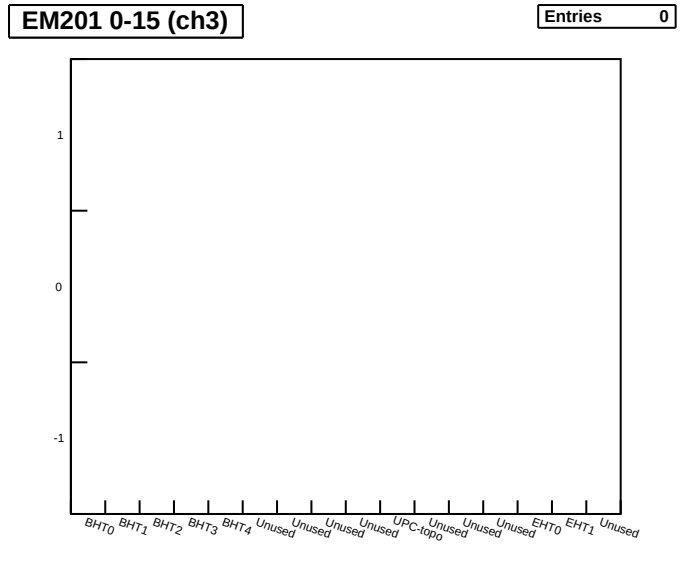

TF201 0-15 (ch0)
Entries 9107792
1
0
569237
563225
512266
492396
380687
470789
470971
465627
569237
569237
569237
569237
569237
6012
56971
76841
208550
569237
98448
98266
103610
569237
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9107792
1
0
146375
407819
447040
399793
561915
560895
717
9693
10198
132
512233
550909
266892
362887
406569
422862
161418
122197
169444
7322
8342
568520
599544
599039
568045
569237
57004
18328
302345
206350
162668
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 9107792
1
0
569237
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1