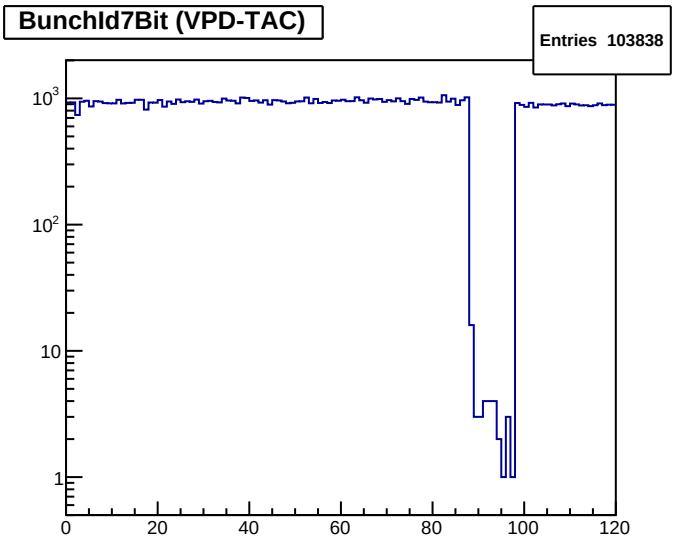
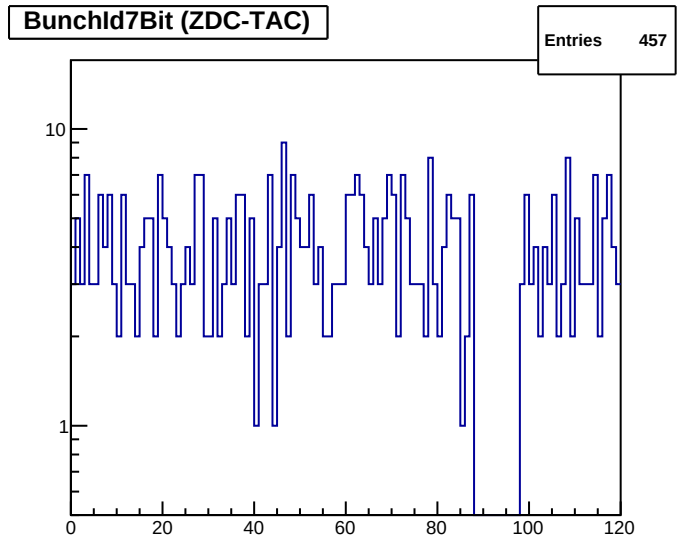
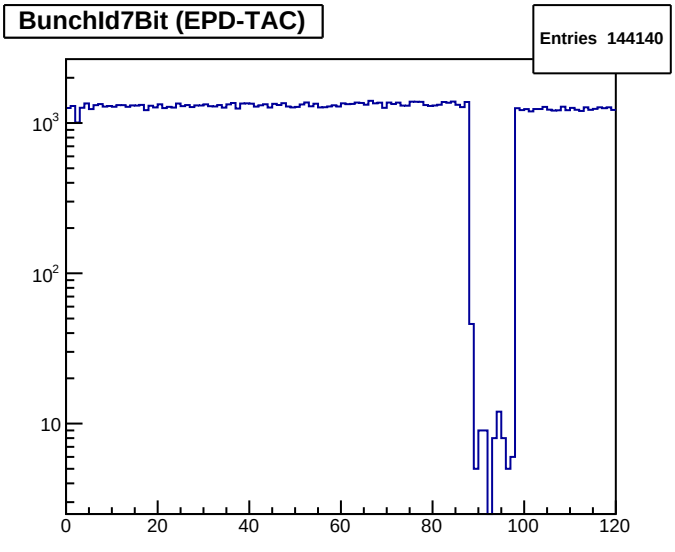
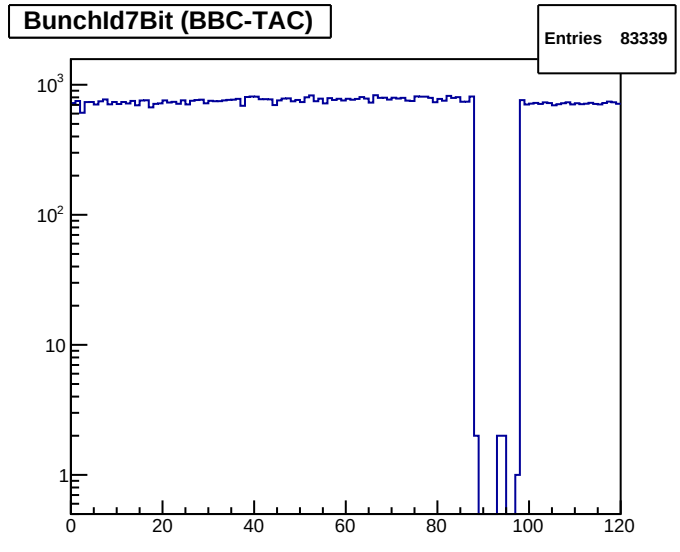
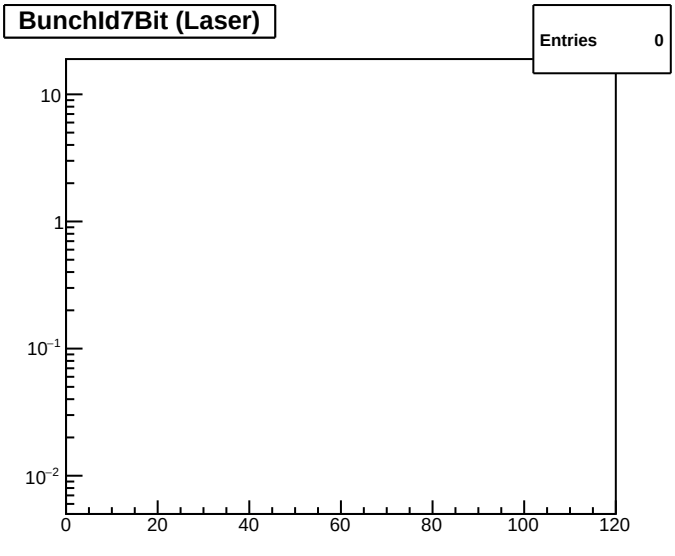
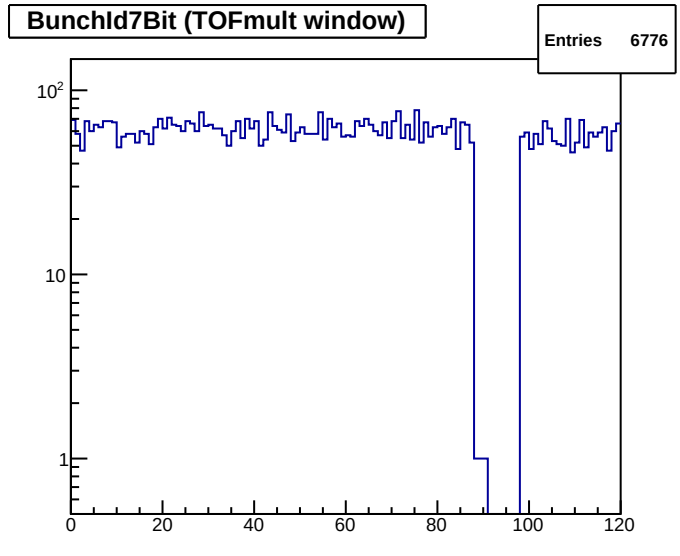

BunchId7Bit (VPD-TAC)
Entries 103838

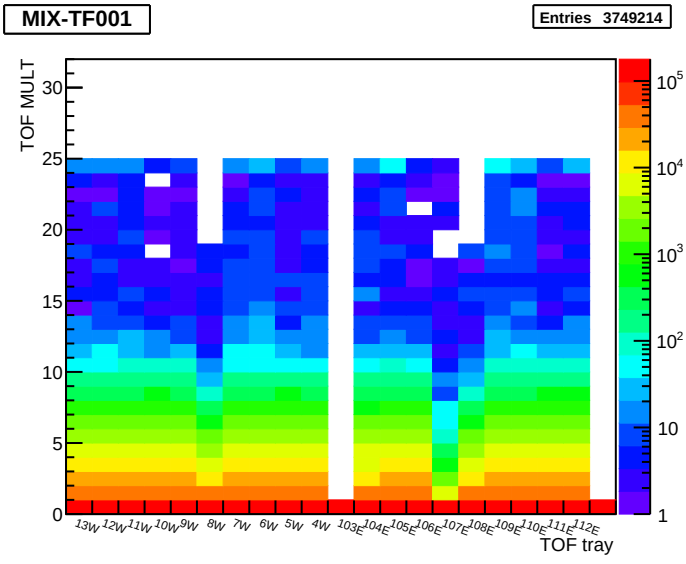

BunchId7Bit (ZDC-TAC)
Entries 457

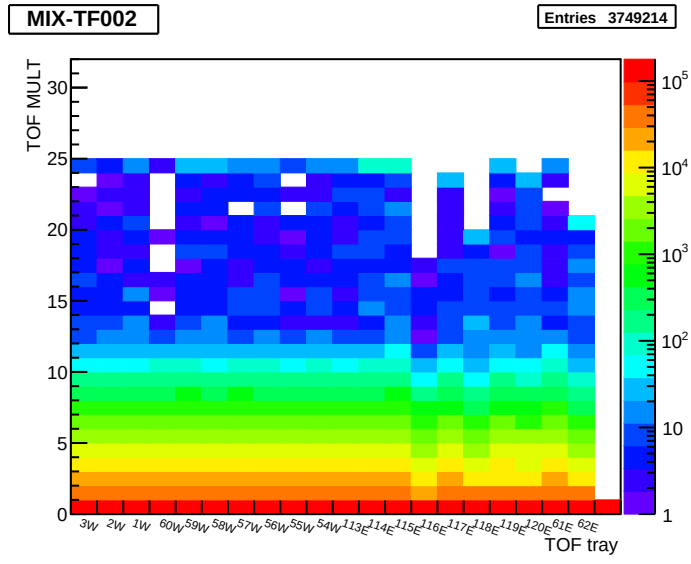

BunchId7Bit (EPD-TAC)
Entries 144140

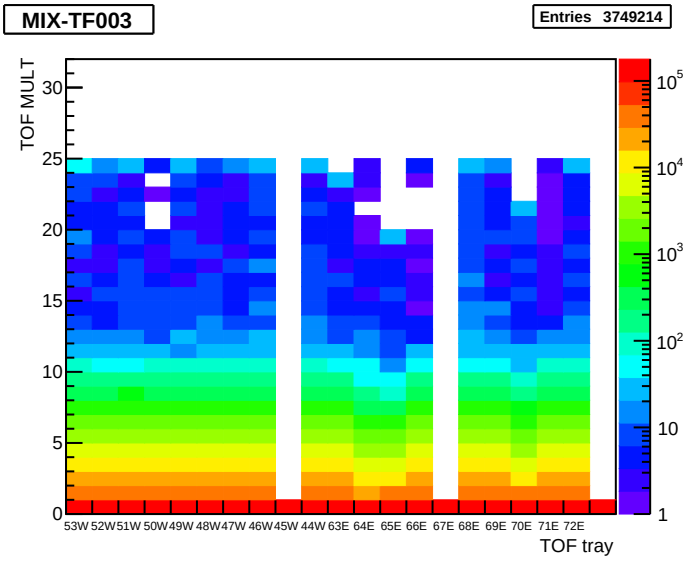

BunchId7Bit (BBC-TAC)
Entries 83339

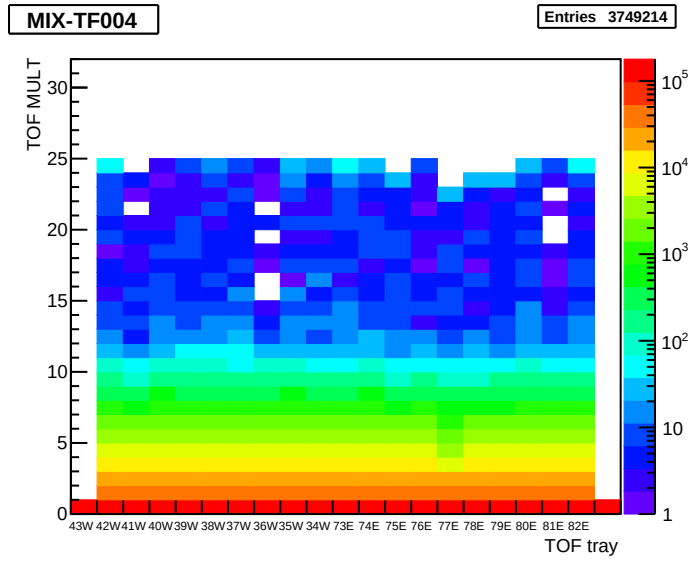

BunchId7Bit (Laser)
Entries 0

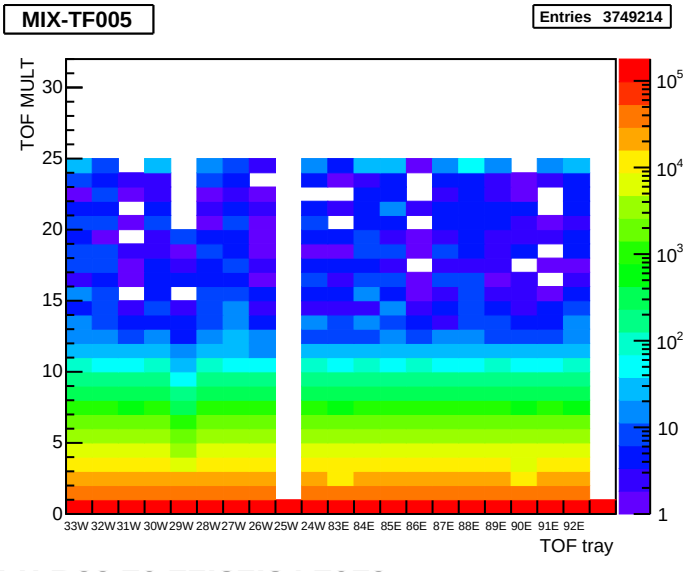

BunchId7Bit (TOFmult window)
Entries 6776

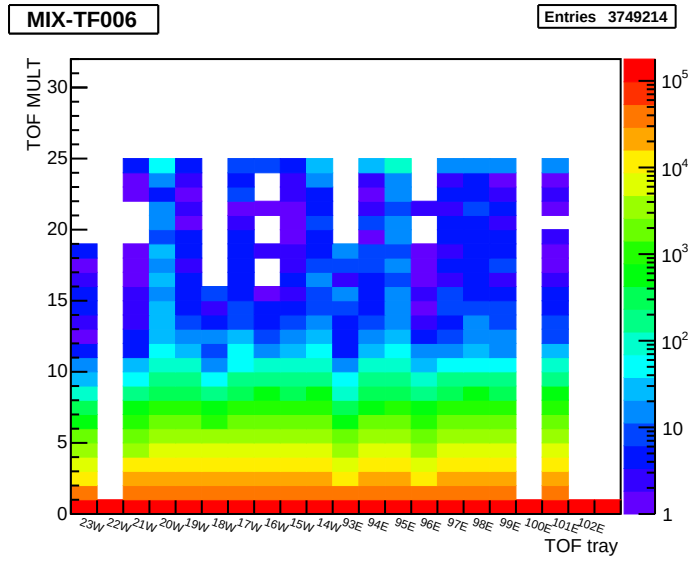

MIX-TF001
Entries 3749214
TOF MULT
TOF tray

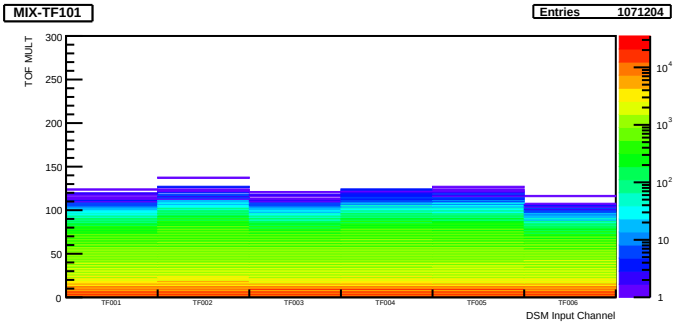

MIX-TF002
Entries 3749214
TOF MULT
TOF tray

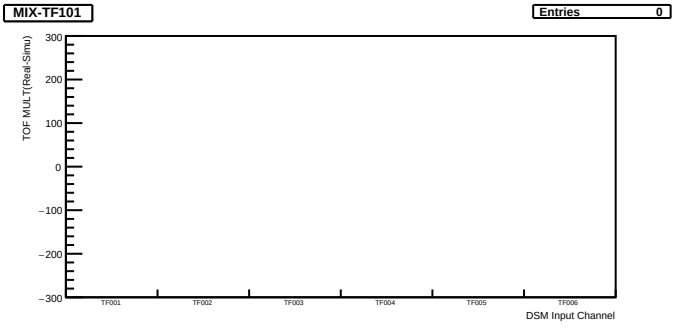

MIX-TF003
Entries 3749214
TOF MULT
TOF tray

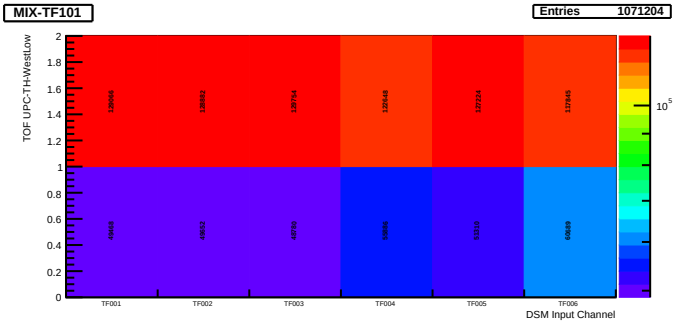

MIX-TF004
Entries 3749214
TOF MULT
TOF tray

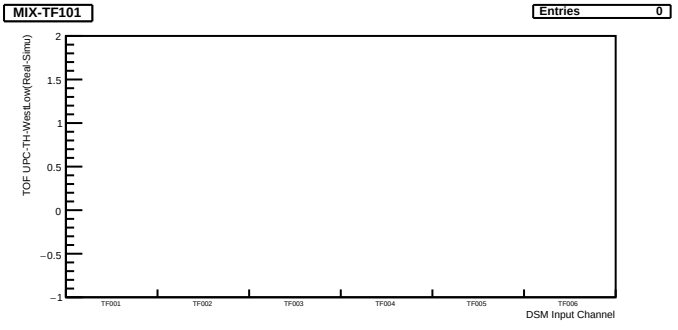

MIX-TF005
Entries 3749214
TOF MULT
TOF tray

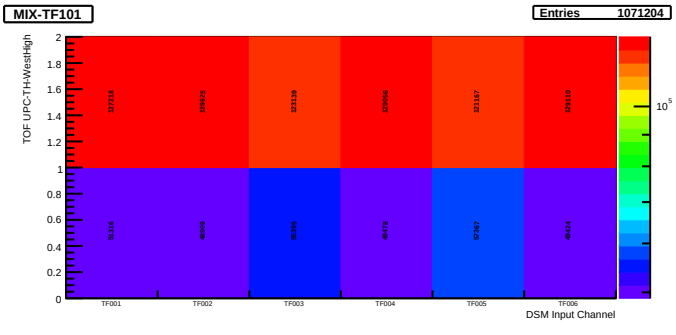

MIX-TF006
Entries 3749214
TOF MULT
TOF tray

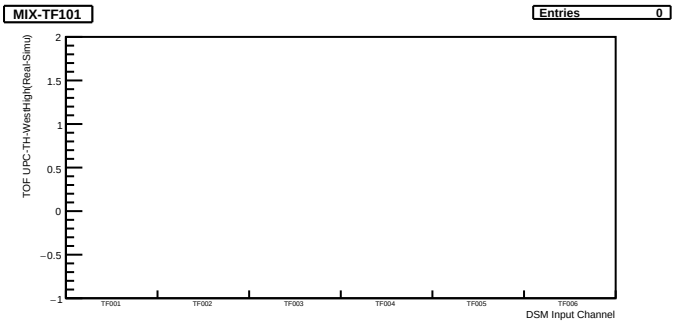

MIX-TF101
Entries 1071204
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

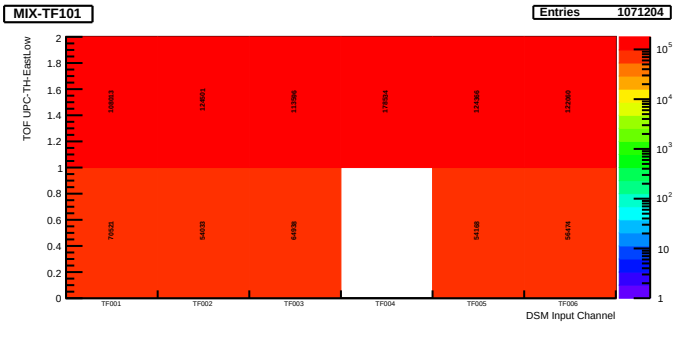

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

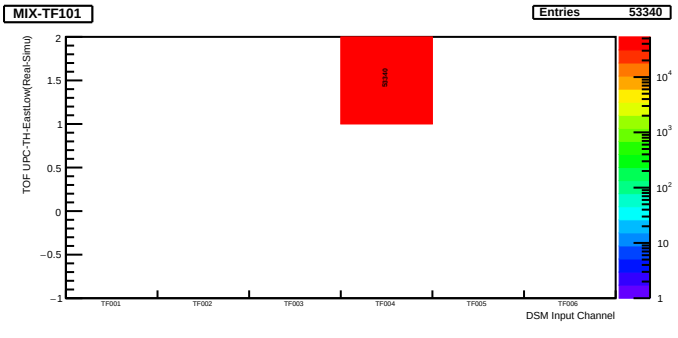

MIX-TF101
Entries 1071204
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

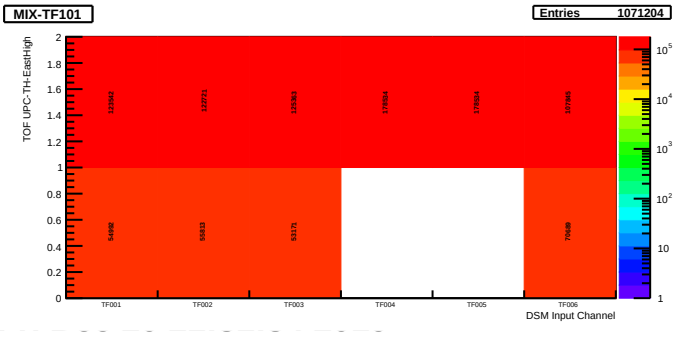

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

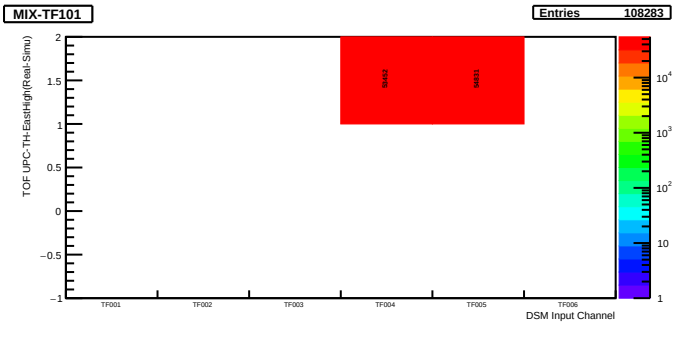

MIX-TF101
Entries 1071204
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

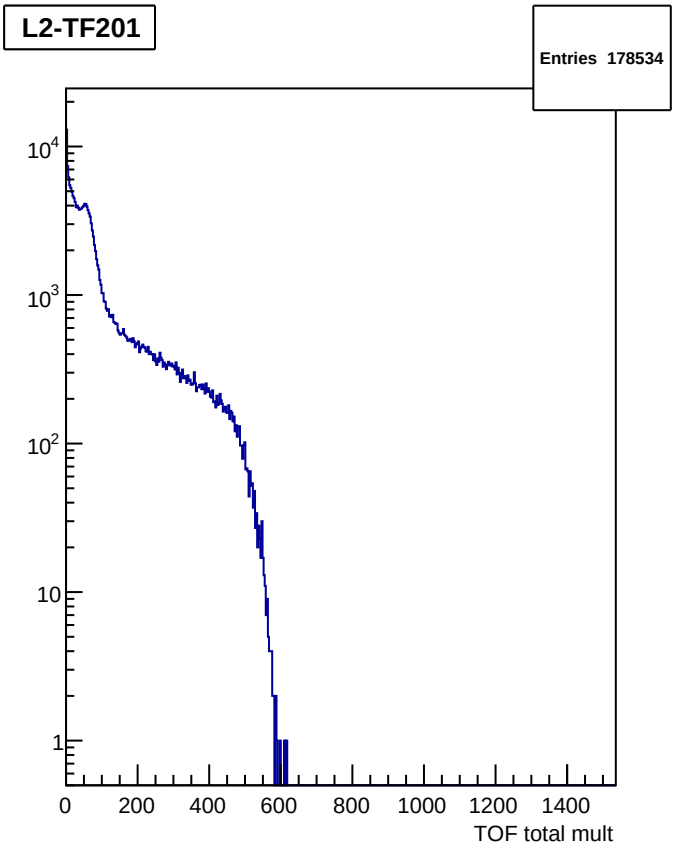

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

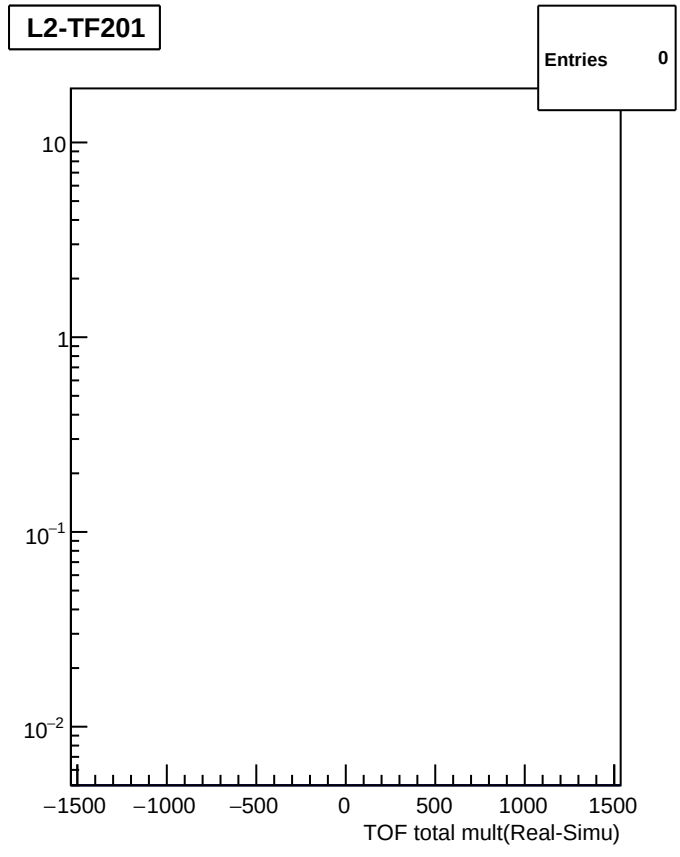

MIX-TF101
Entries 1071204
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

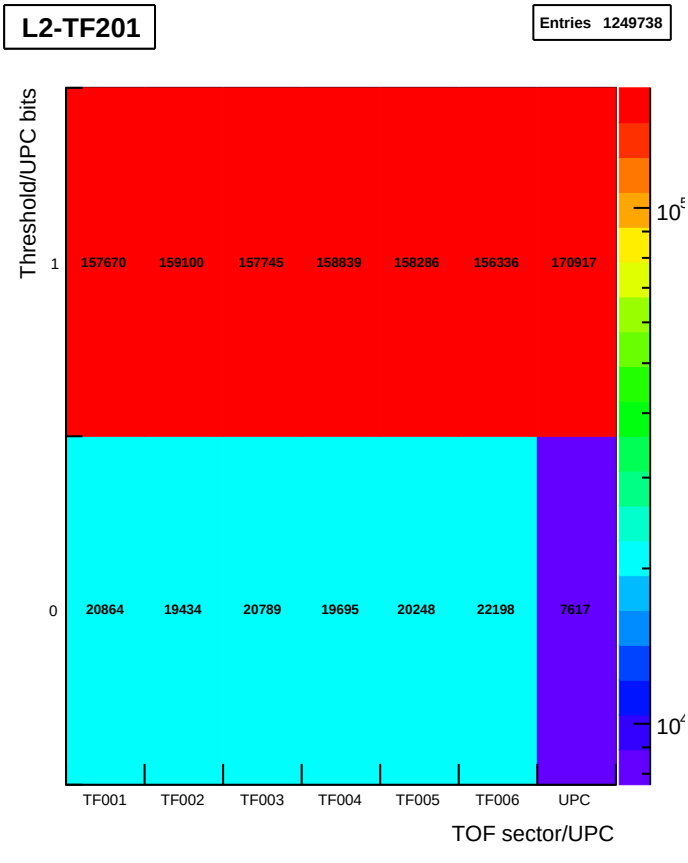

MIX-TF101
Entries 53340
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

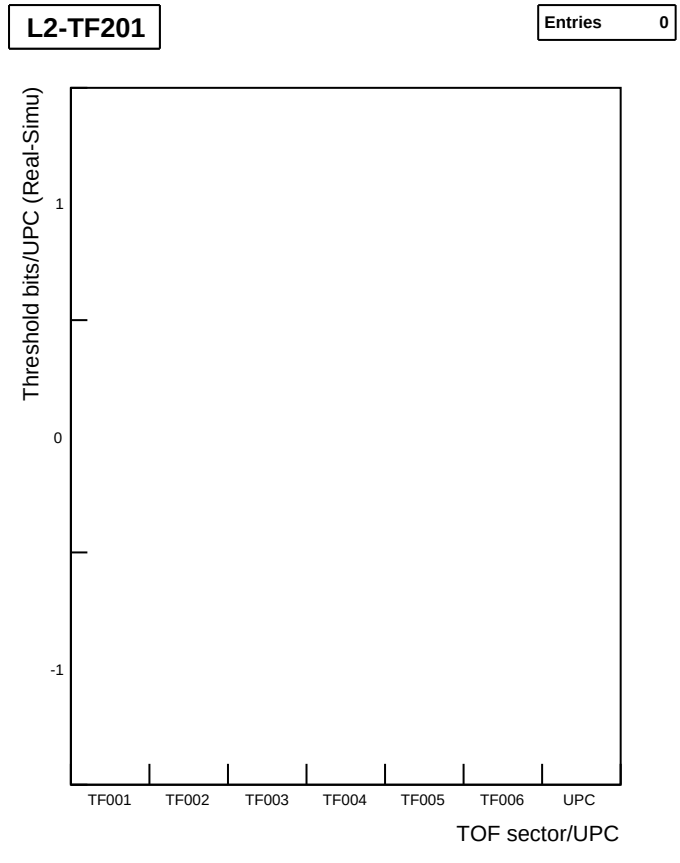

MIX-TF101
Entries 1071204
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

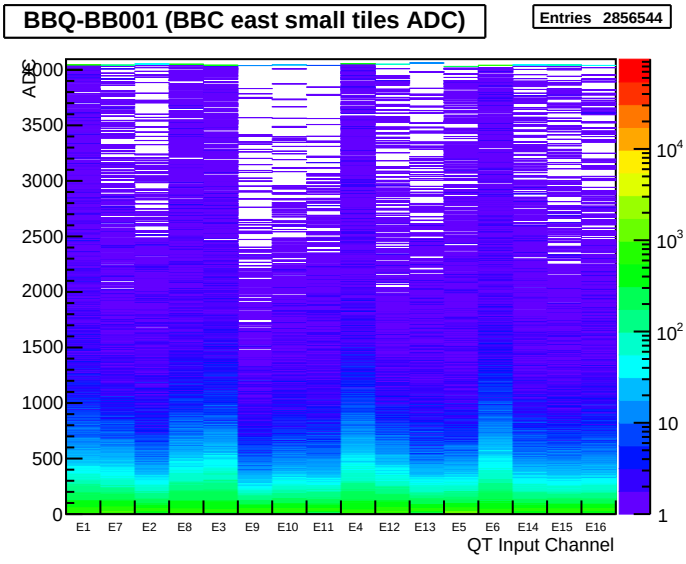

MIX-TF101
Entries 108283
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

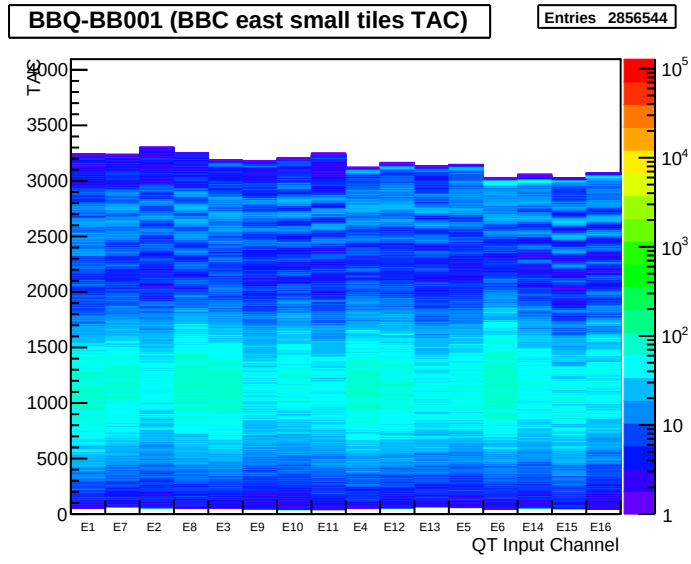

L2-TF201
Entries 178534
TOF total mult

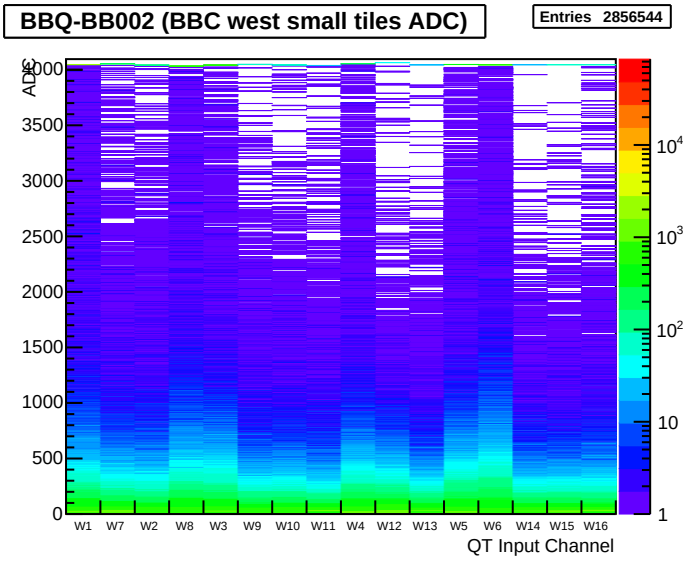

L2-TF201
Entries 0
TOF total mult(Real-Simu)

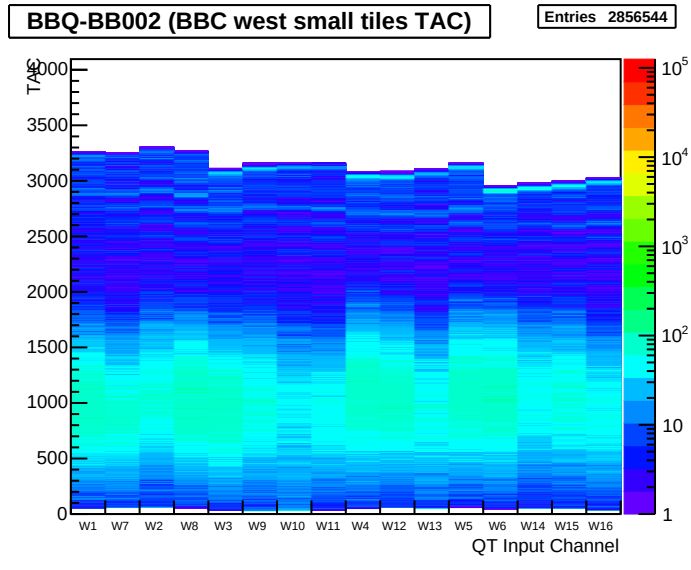

L2-TF201
Entries 1249738
Threshold/UPC bits
157670
159100
157745
158839
158286
156336
170917
20864
19434
20789
19695
20248
22198
7617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

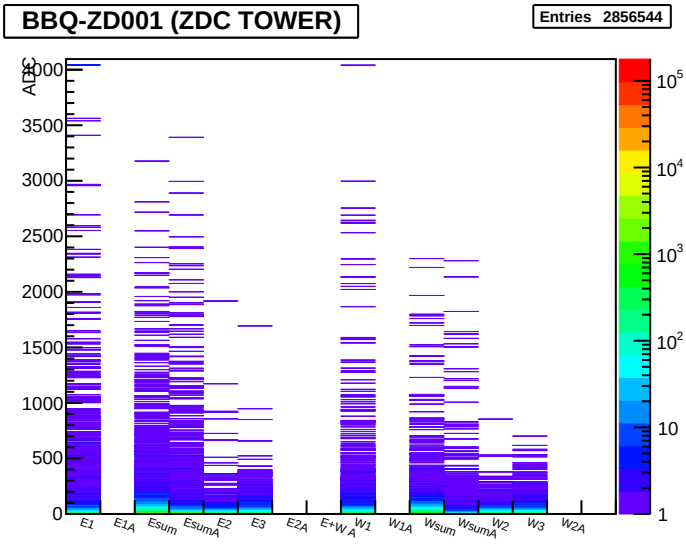

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

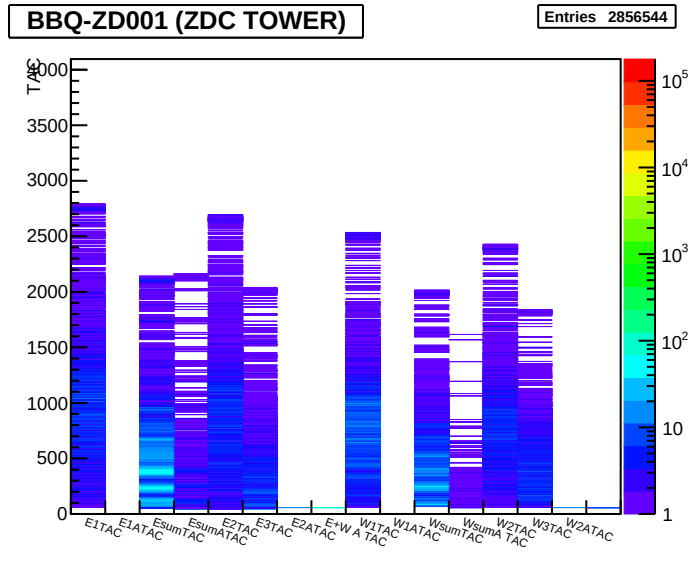

BBQ-BB001 (BBC east small tiles ADC)
Entries 2856544
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

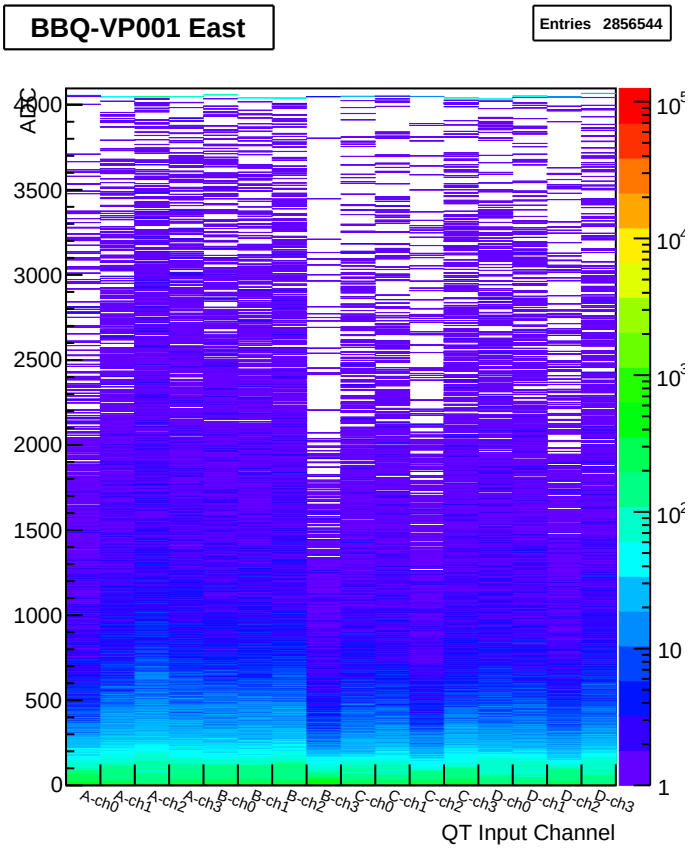

BBQ-BB001 (BBC east small tiles TAC)
Entries 2856544
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

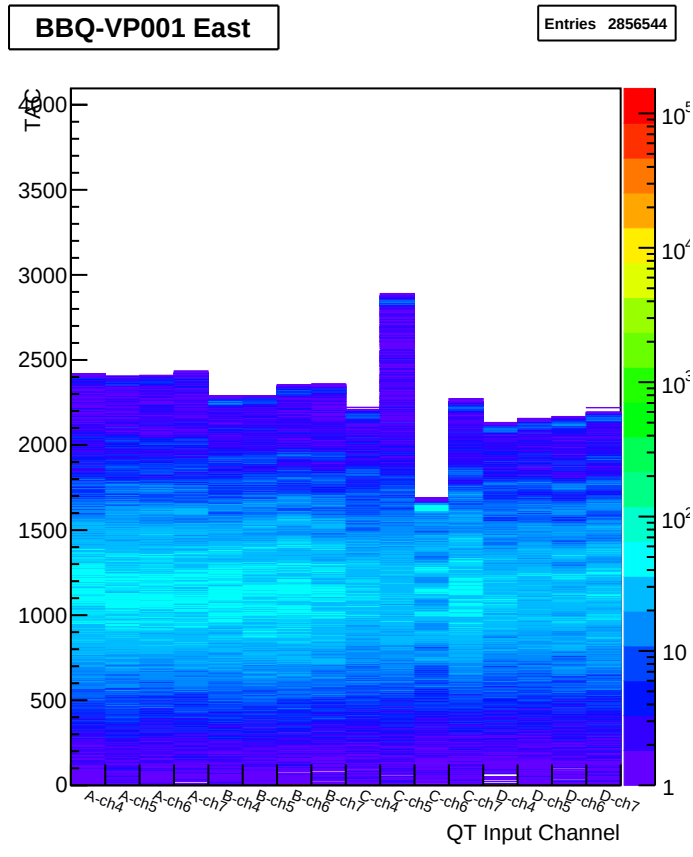

BBQ-BB002 (BBC west small tiles ADC)
Entries 2856544
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

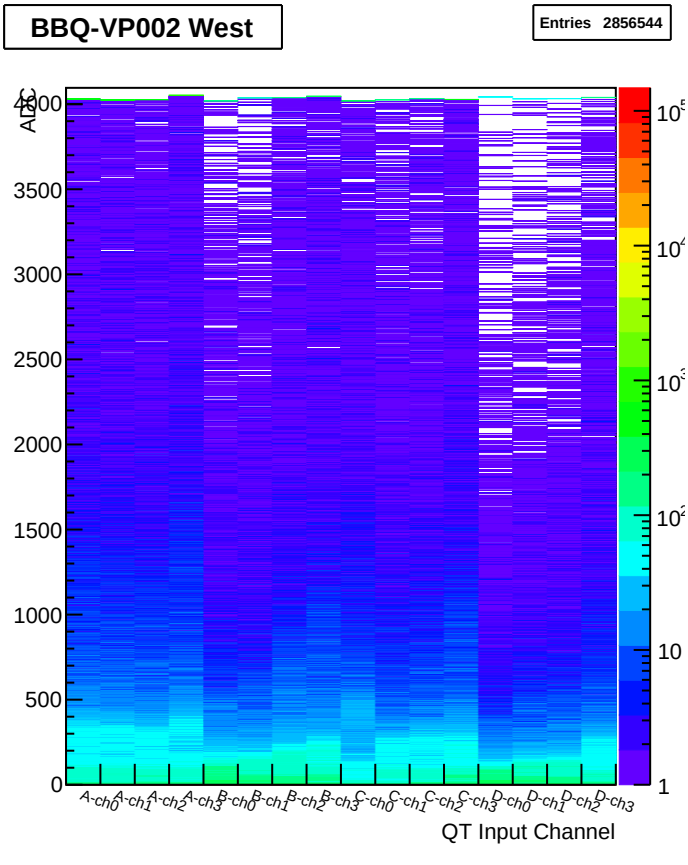

BBQ-BB002 (BBC west small tiles TAC)
Entries 2856544
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

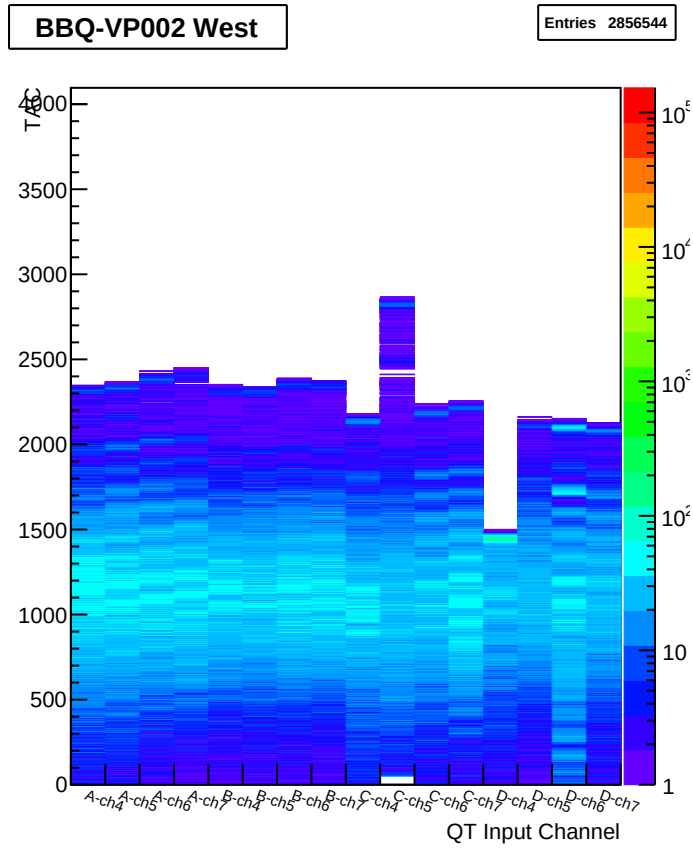

BBQ-ZD001 (ZDC TOWER)
Entries 2856544
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

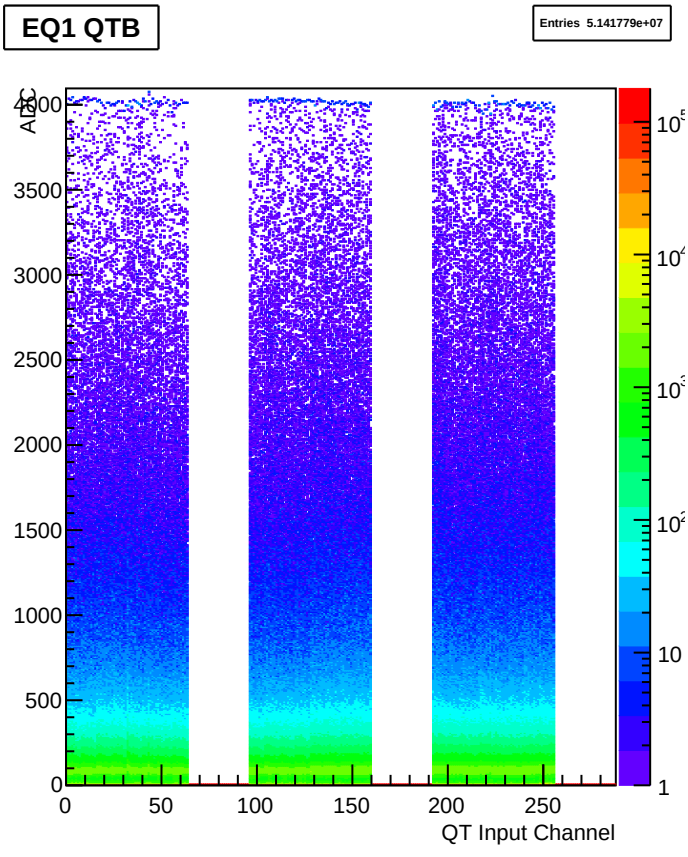

BBQ-ZD001 (ZDC TOWER)
Entries 2856544
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

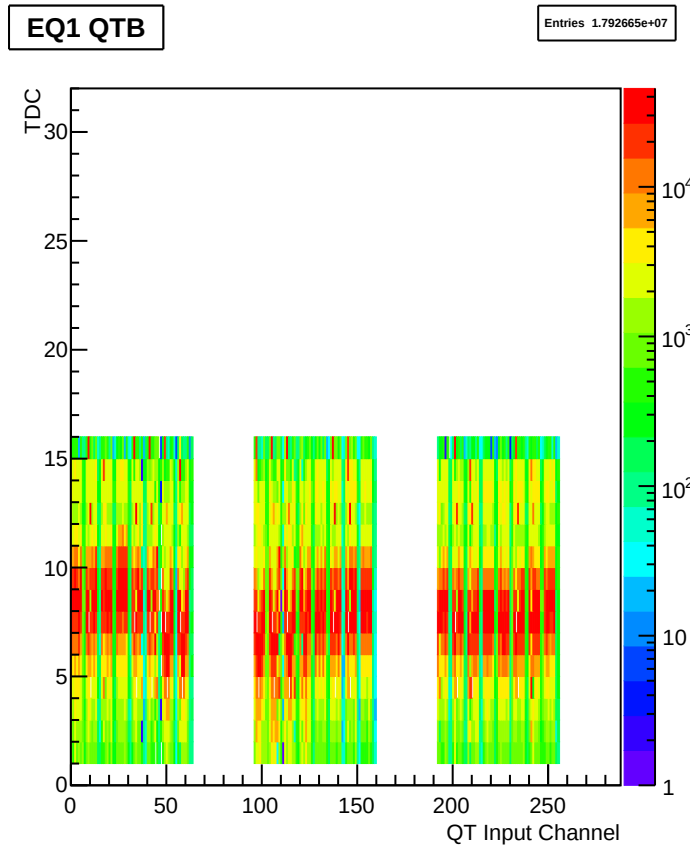

BBQ-VP001 East
Entries 2856544
ADC
QT Input Channel

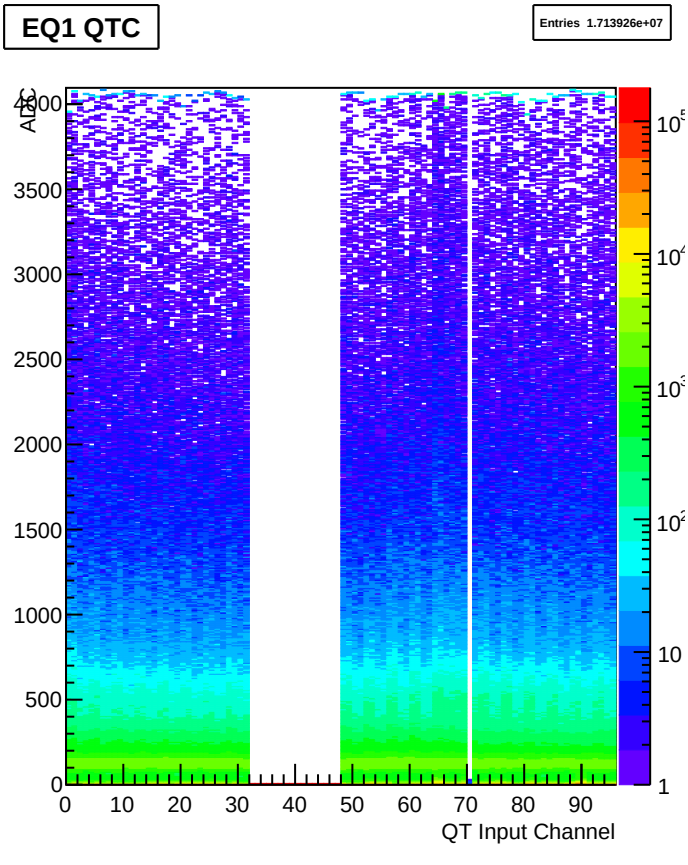

BBQ-VP001 East
Entries 2856544
TADC
QT Input Channel

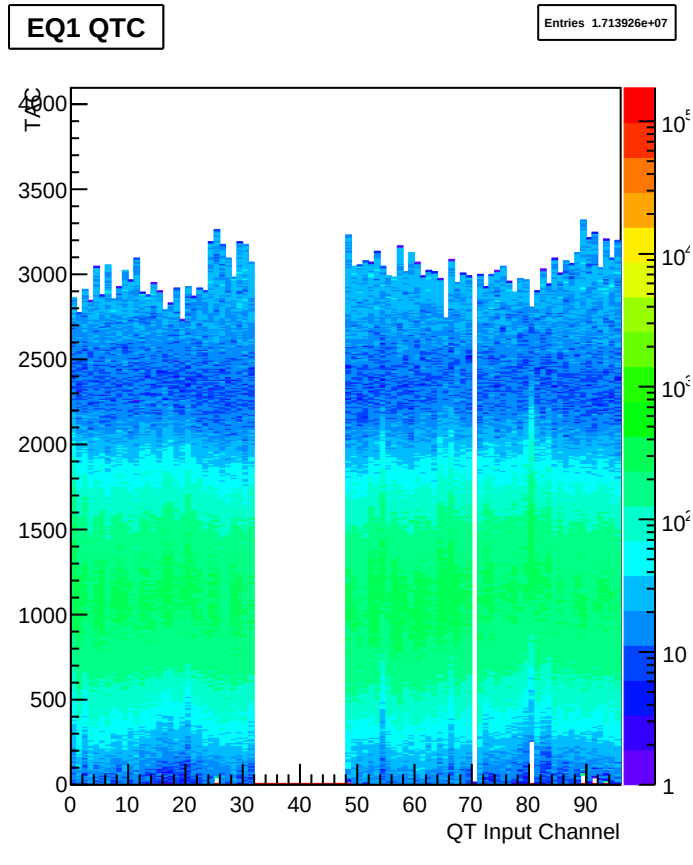

BBQ-VP002 West
Entries 2856544
ADC
QT Input Channel

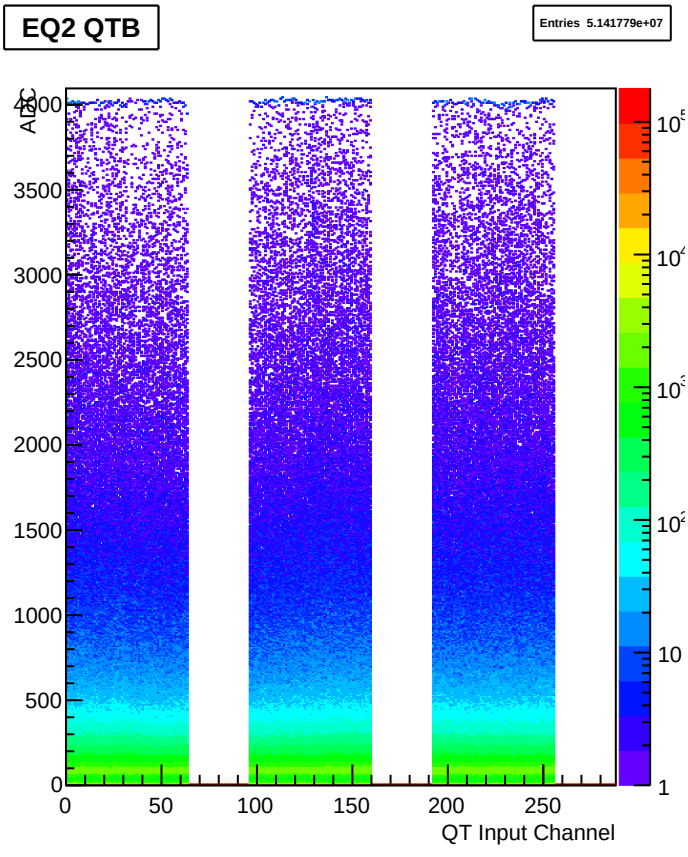

BBQ-VP002 West
Entries 2856544
TADC
QT Input Channel

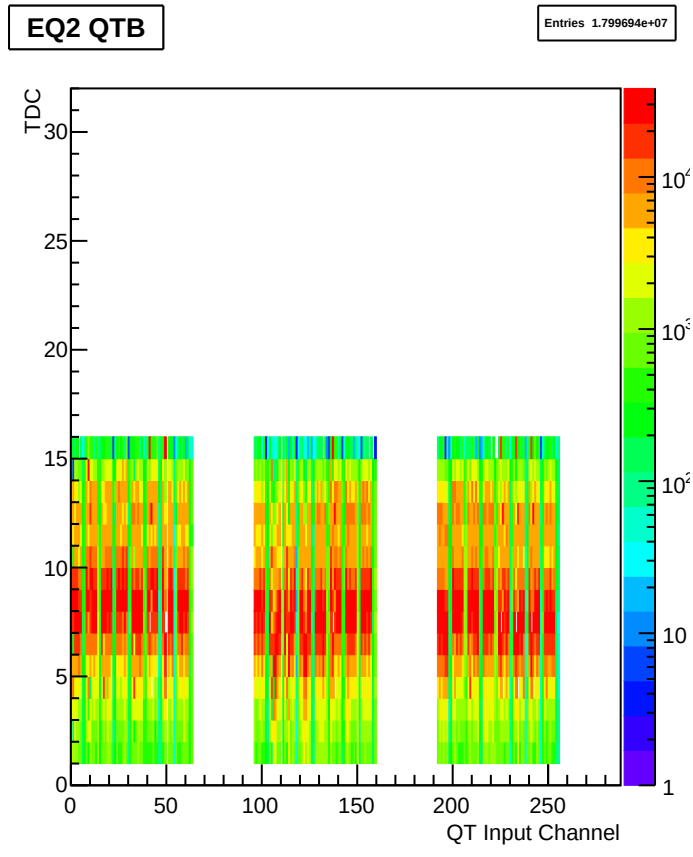

EQ1 QTB
Entries 5.141779e+07
ADC
QT Input Channel

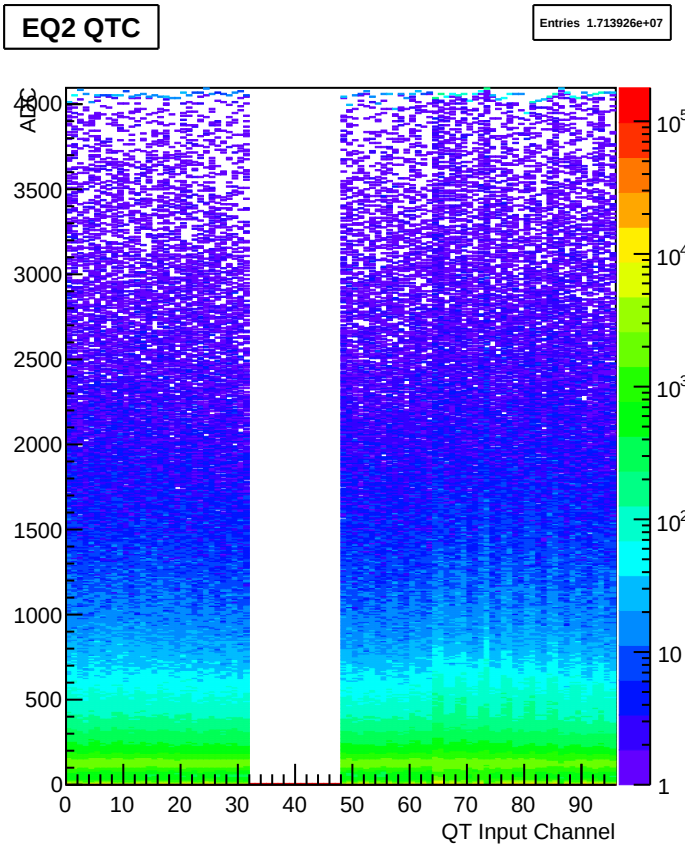

EQ1 QTB
Entries 1.792665e+07
TDC
QT Input Channel

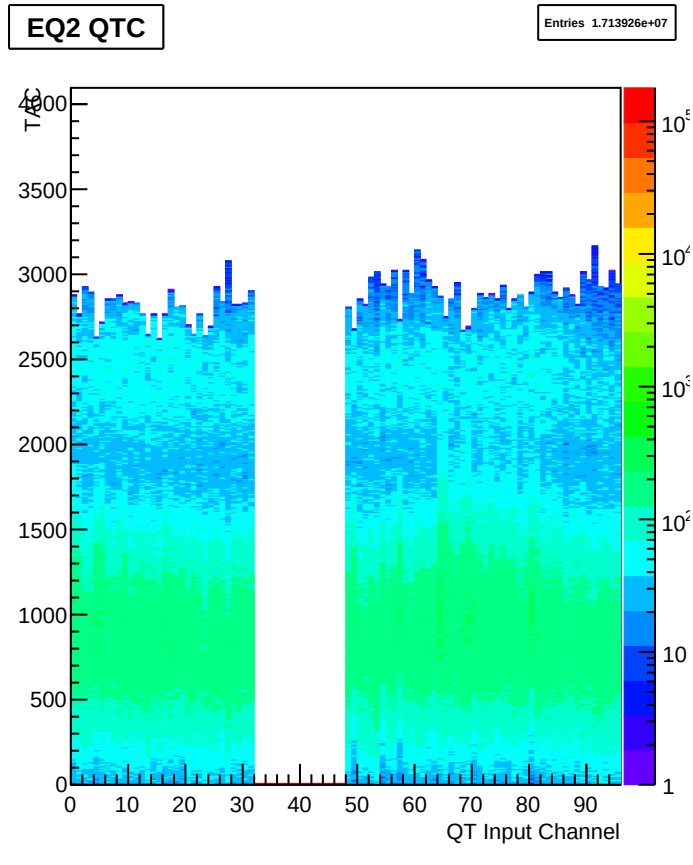

EQ1 QTC
Entries 1.713926e+07
ADC
QT Input Channel

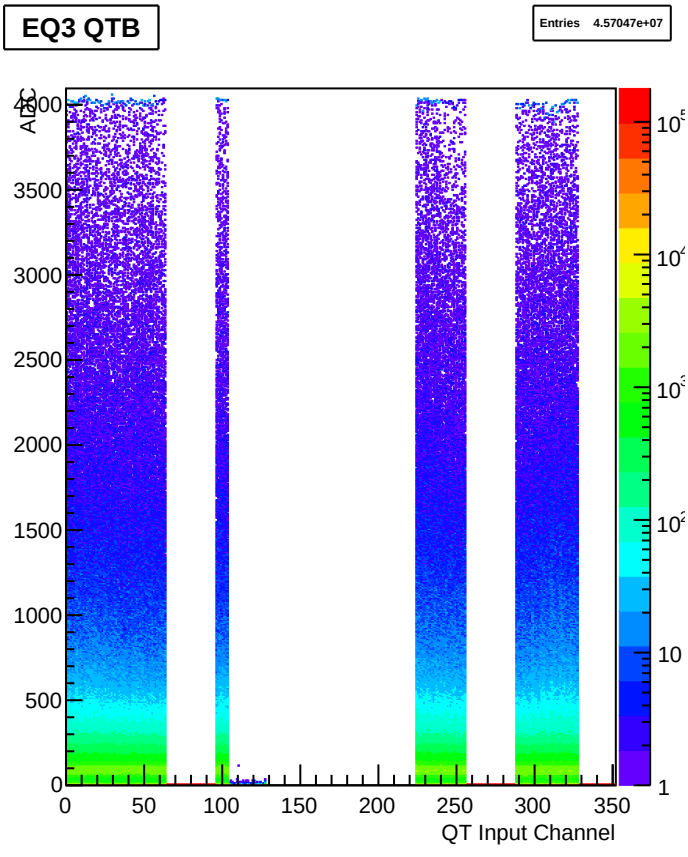

EQ1 QTC
Entries 1.713926e+07
TADC
QT Input Channel

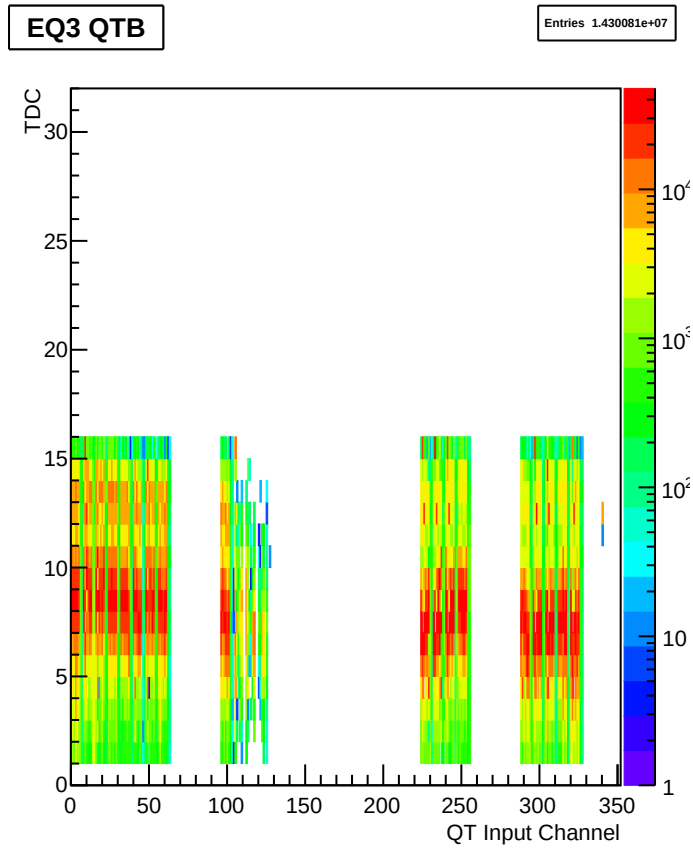

EQ2 QTB
Entries 5.141779e+07
ADC
QT Input Channel

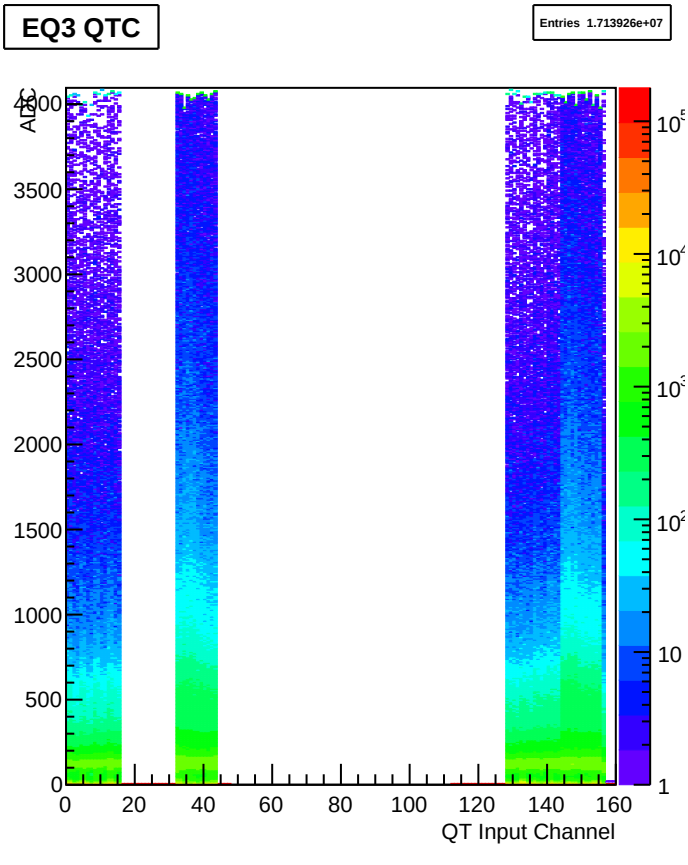

EQ2 QTB
Entries 1.799694e+07
TDC
QT Input Channel

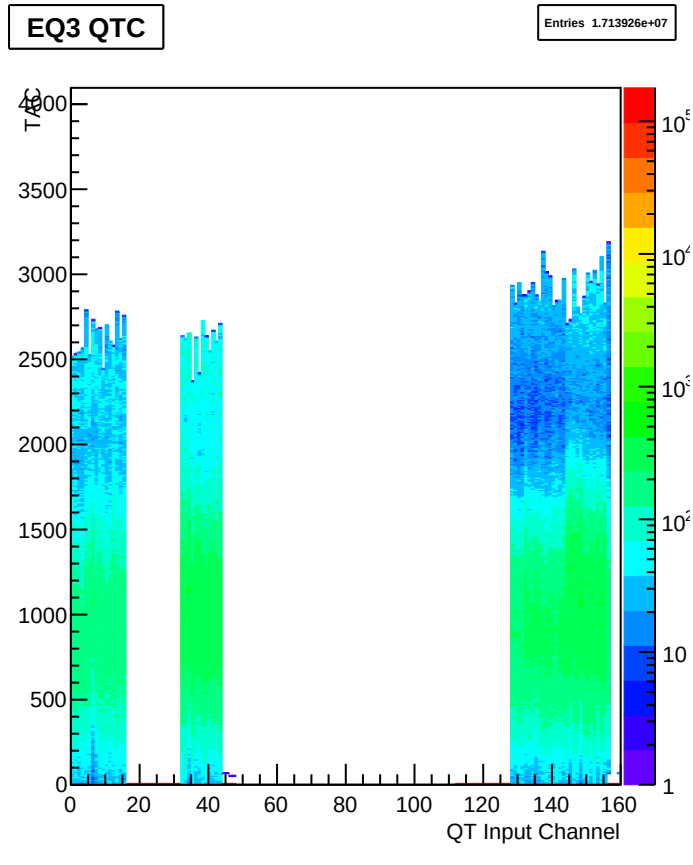

EQ2 QTC
Entries 1.713926e+07
ADC
QT Input Channel

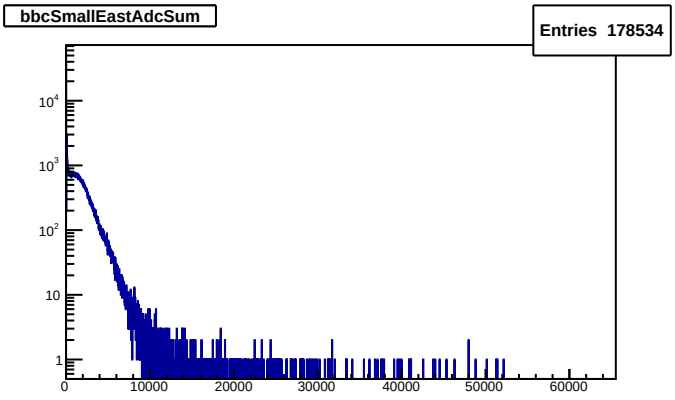

EQ2 QTC
Entries 1.713926e+07
TADC
QT Input Channel

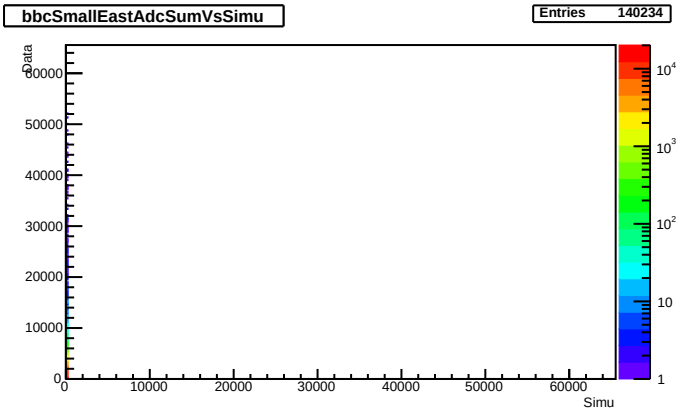

EQ3 QTB
Entries 4.57047e+07
ADC
QT Input Channel

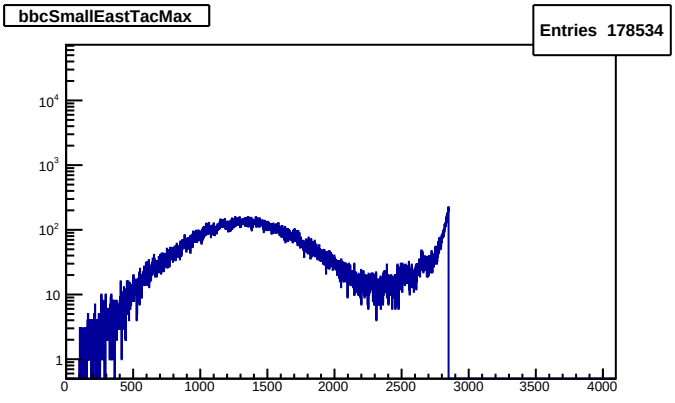

EQ3 QTB
Entries 1.430081e+07
TDC
QT Input Channel

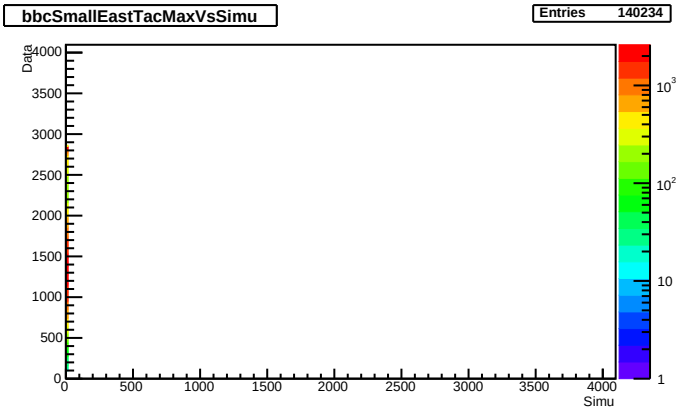

EQ3 QTC
Entries 1.713926e+07
ADC
QT Input Channel

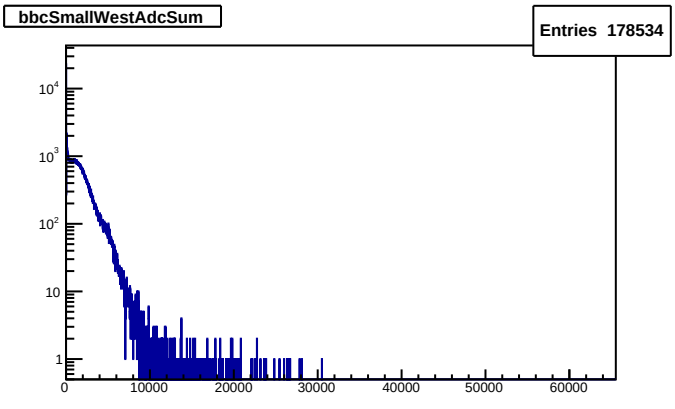

EQ3 QTC
Entries 1.713926e+07
TADC
QT Input Channel

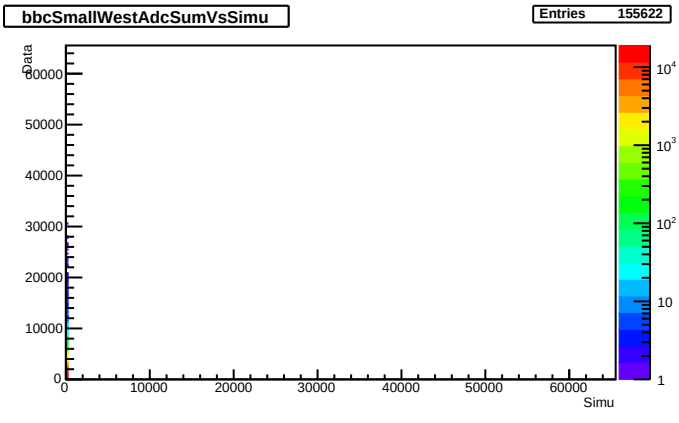

bbcSmallEastAdcSum
Entries 178534

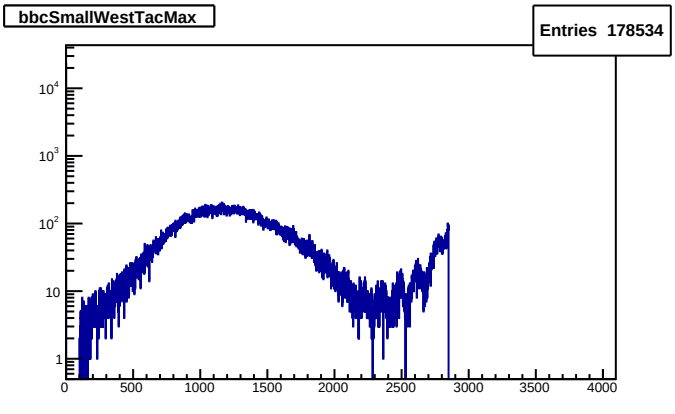

bbcSmallEastAdcSumVsSimu
Entries 140234
Data
Simu

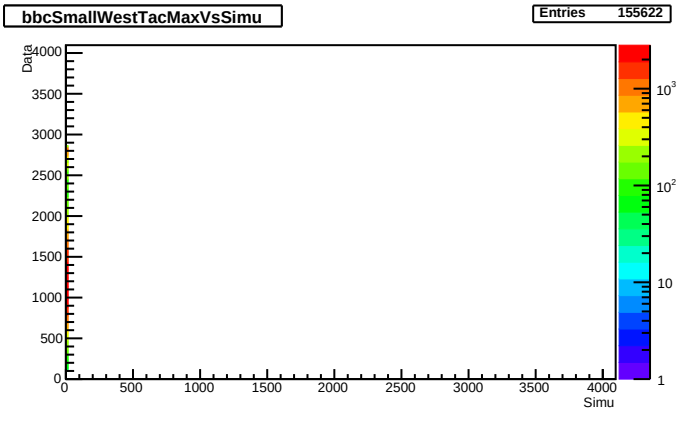

bbcSmallEastTacMax
Entries 178534

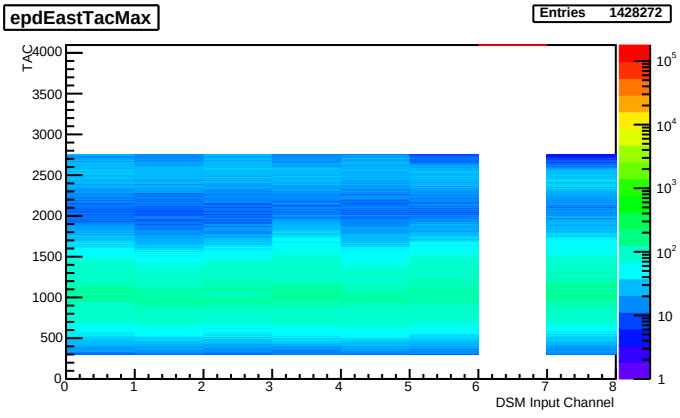

bbcSmallEastTacMaxVsSimu
Entries 140234
Data
Simu

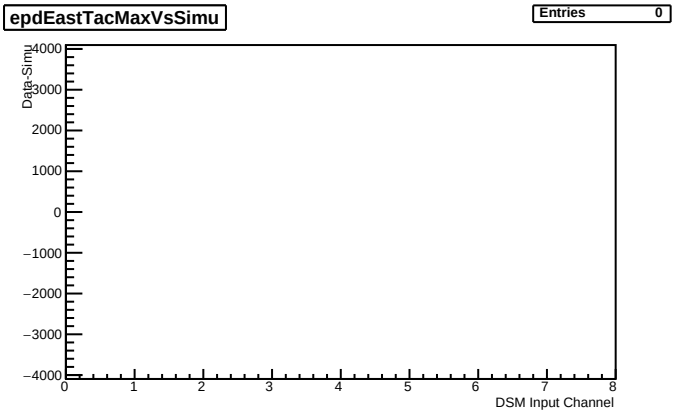

bbcSmallWestAdcSum
Entries 178534

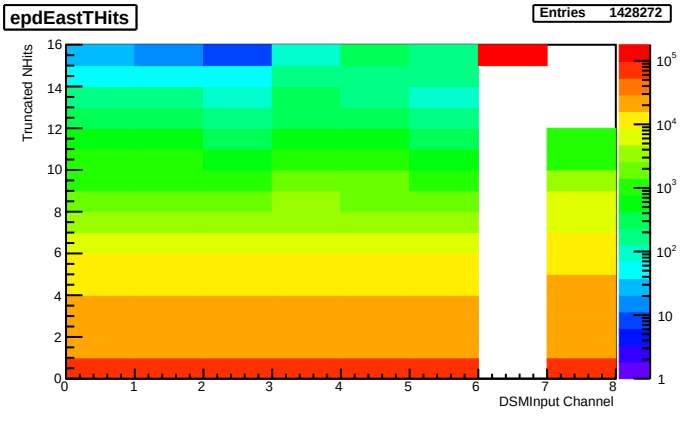

bbcSmallWestAdcSumVsSimu
Entries 155622
Data
Simu

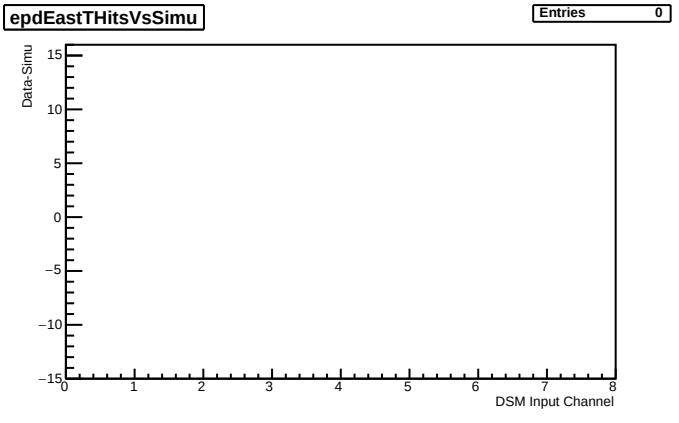

bbcSmallWestTacMax
Entries 178534


bbcSmallWestTacMaxVsSimu
Entries 155622
Data
Simu


epdEastTacMax
Entries 1428272
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1428272
Truncated NHits
DSMInput Channel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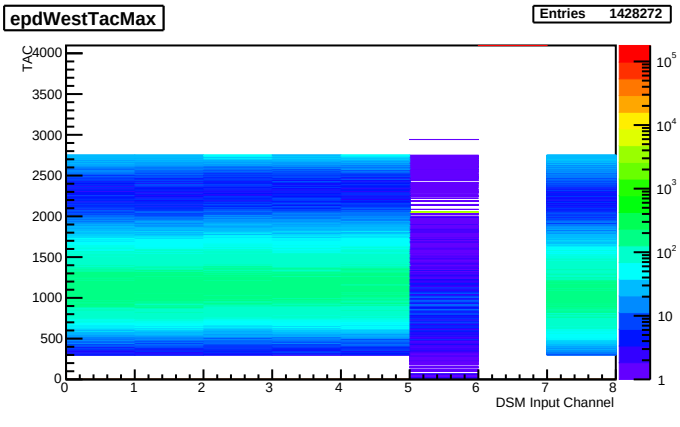
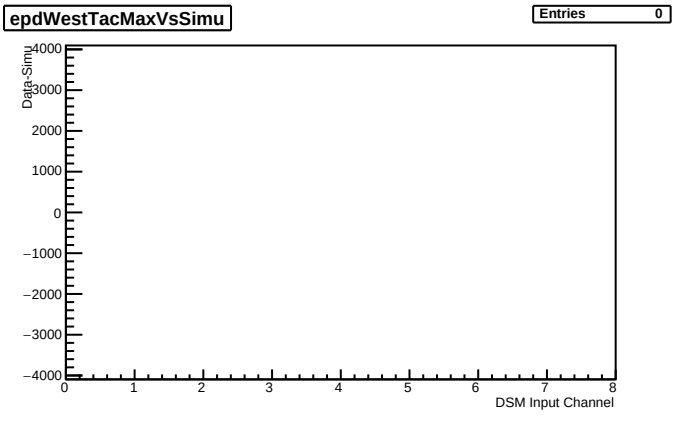
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1428272
TAC
DSM Input Channel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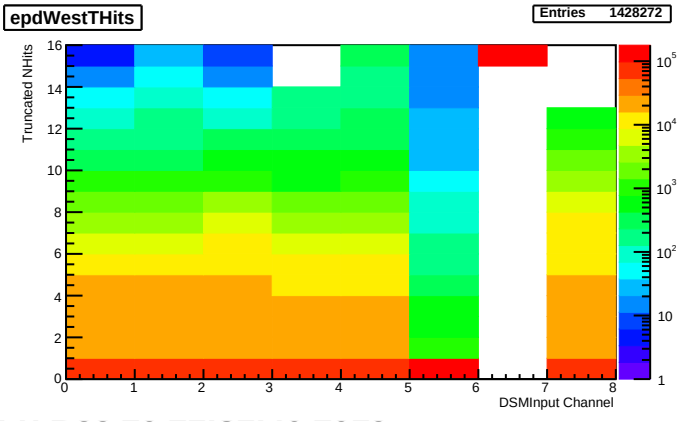
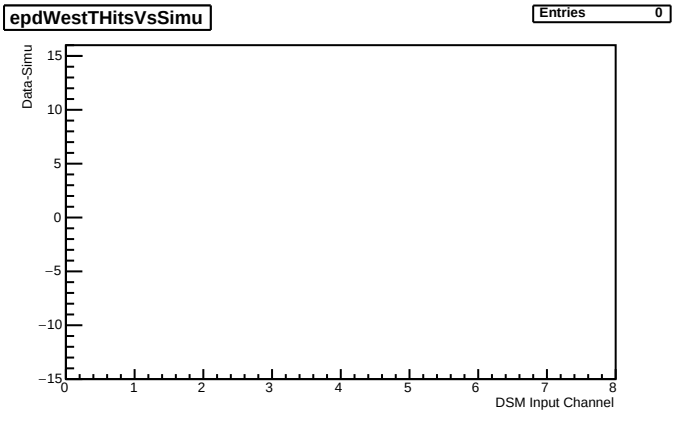
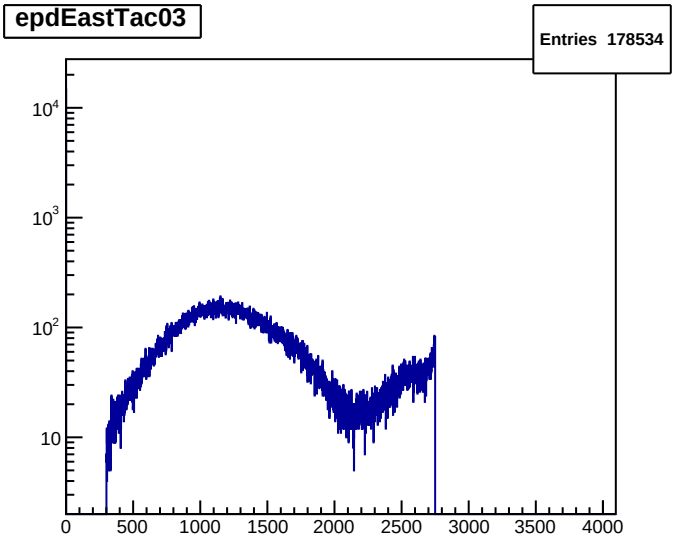
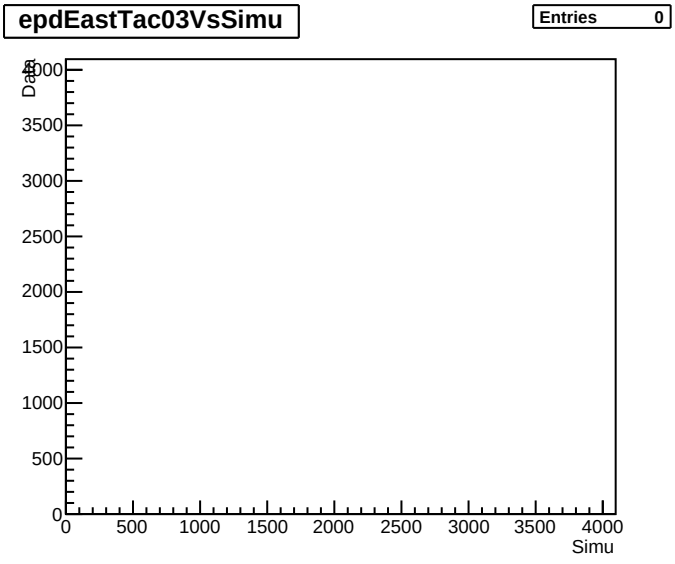
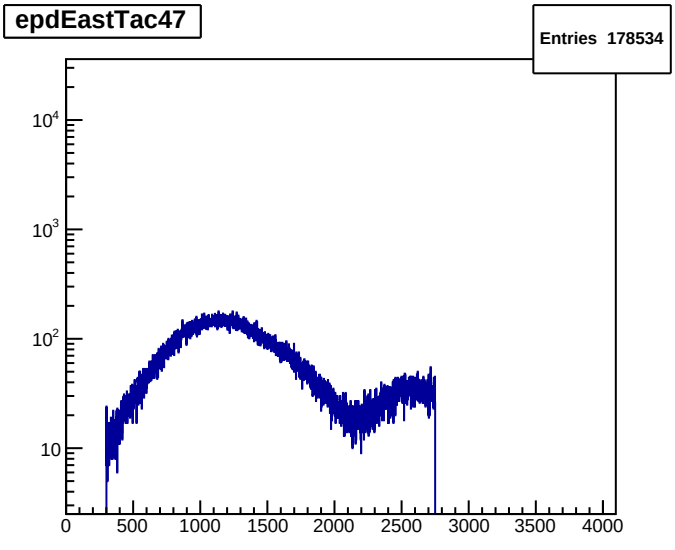
Entries 0
Data-Simu
DSM Input Channel

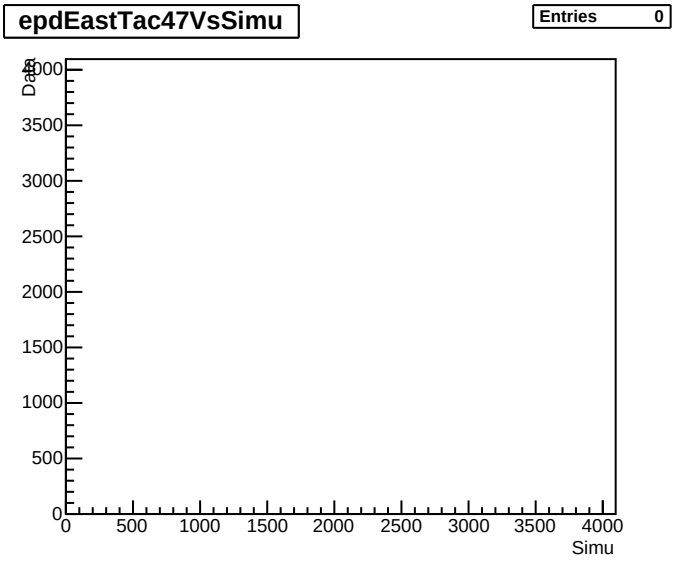

epdWestTHits
Entries 1428272
Truncated NHits
DSMInput Channel

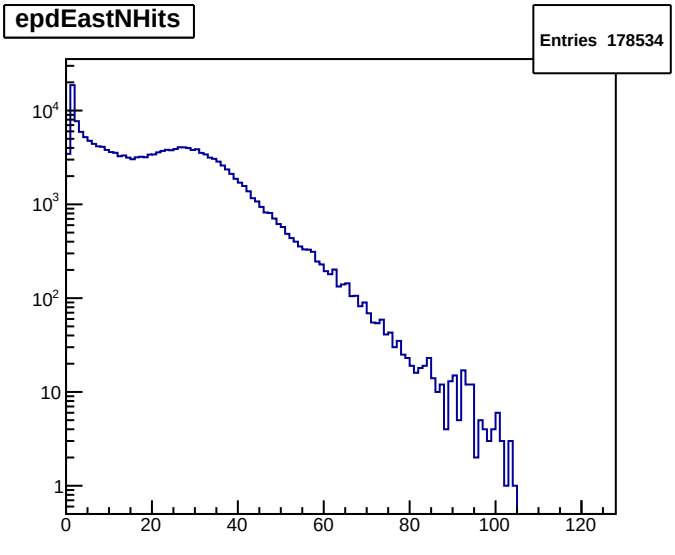

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

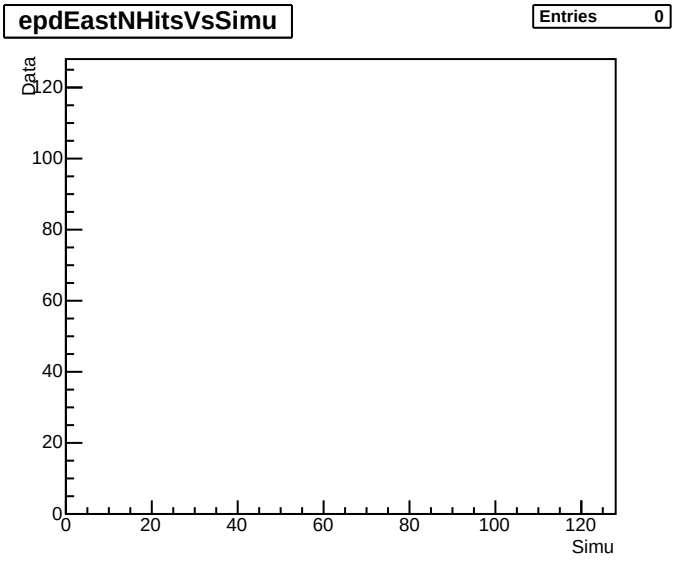

epdEastTac03
Entries 178534


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 178534


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 178534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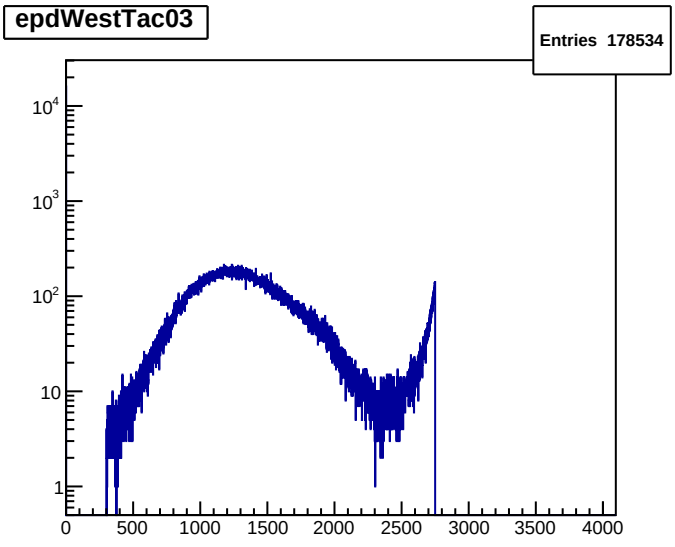
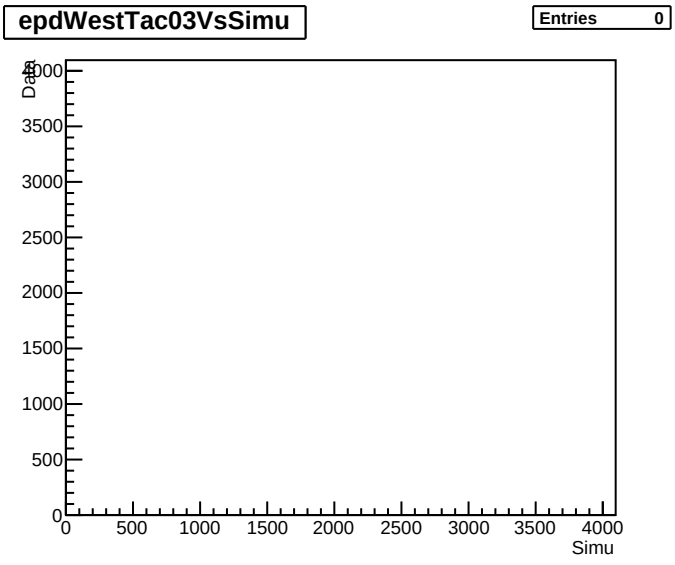
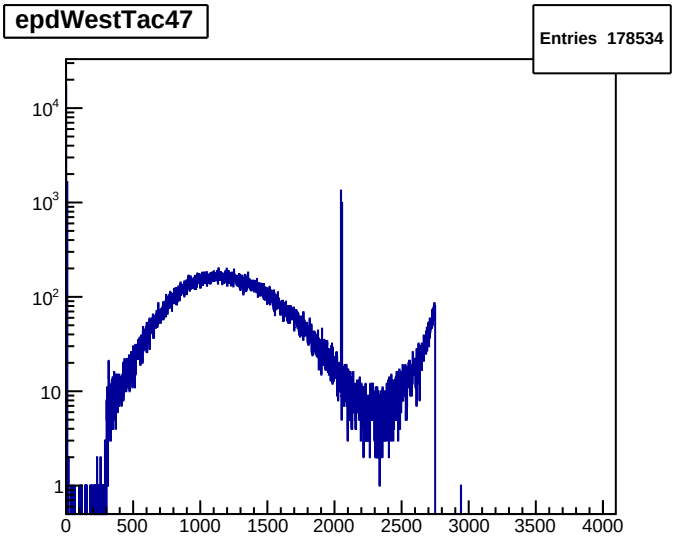
Entries 0
Data
Simu


epdWestTac03
Entries 178534


epdWestTac03VsSimu
Entries 0
Data
Simu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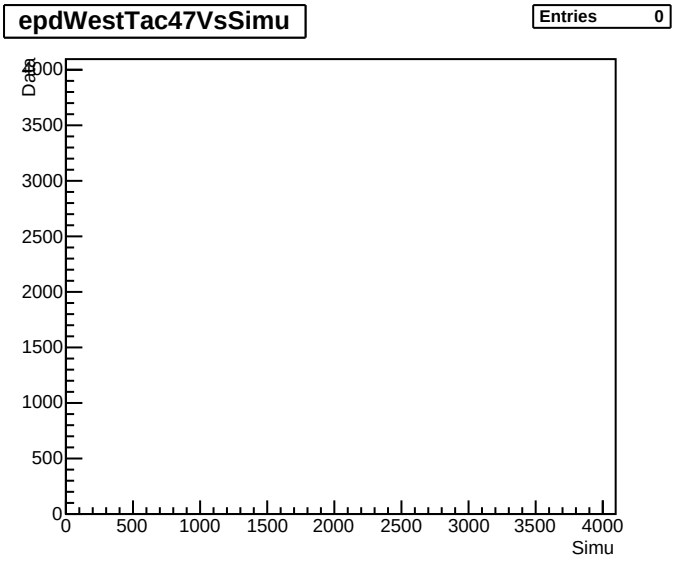
Entries 178534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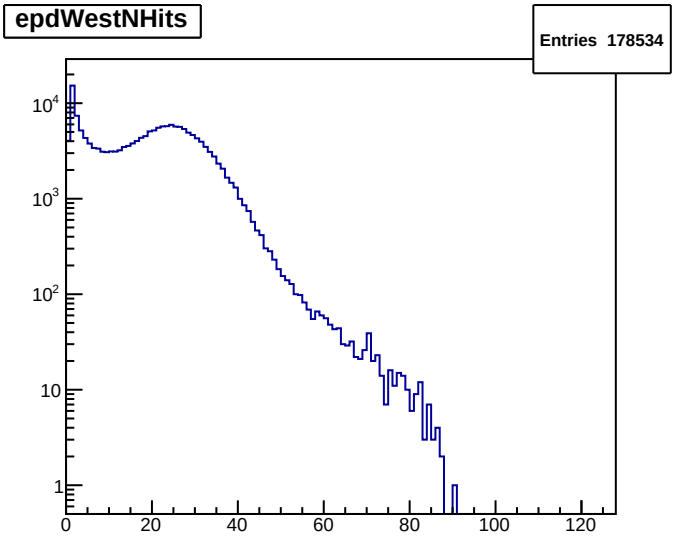
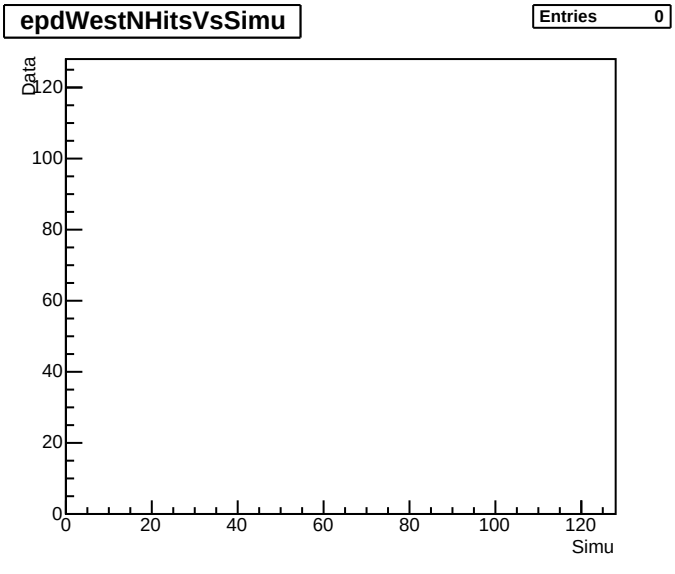
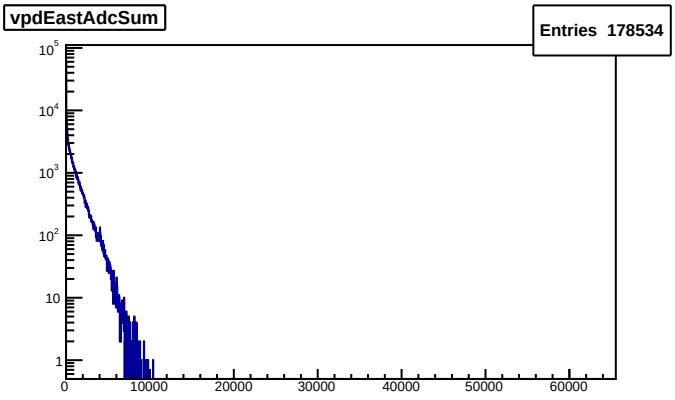
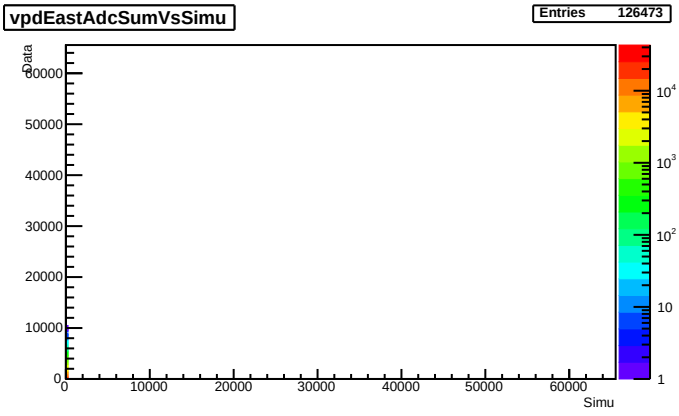
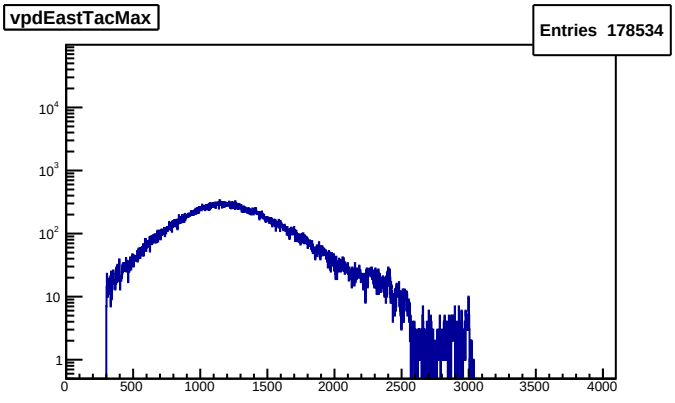
Entries 0
Data
Simu

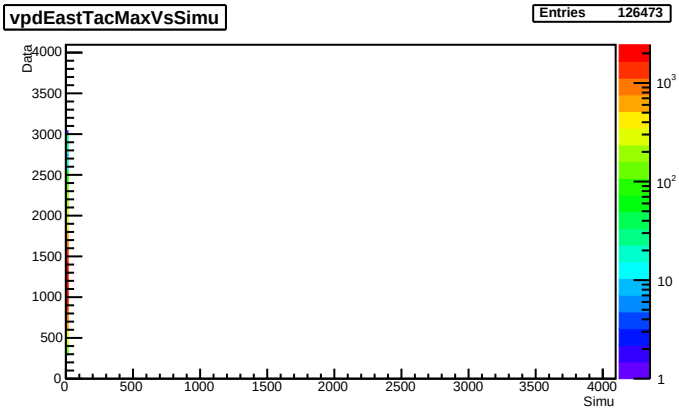

epdWestNHits
Entries 178534

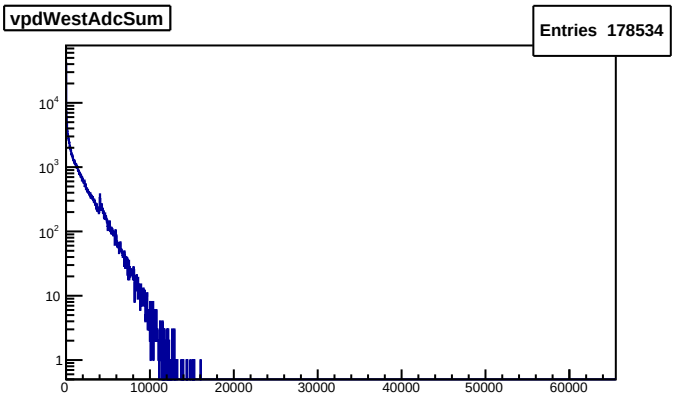

epdWestNHitsVsSimu
Entries 0
Data
Simu

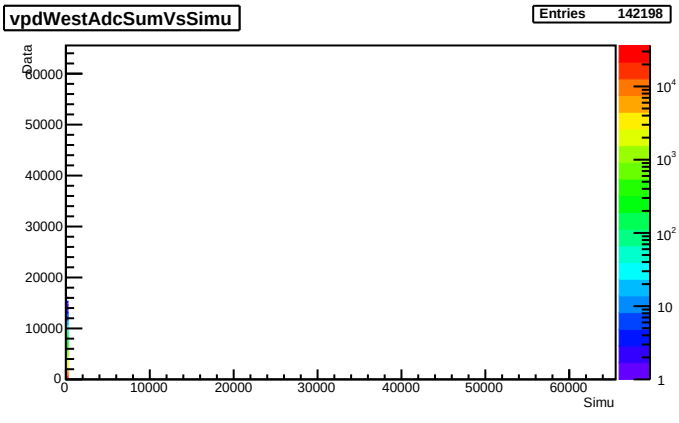

vpdEastAdcSum
Entries 178534

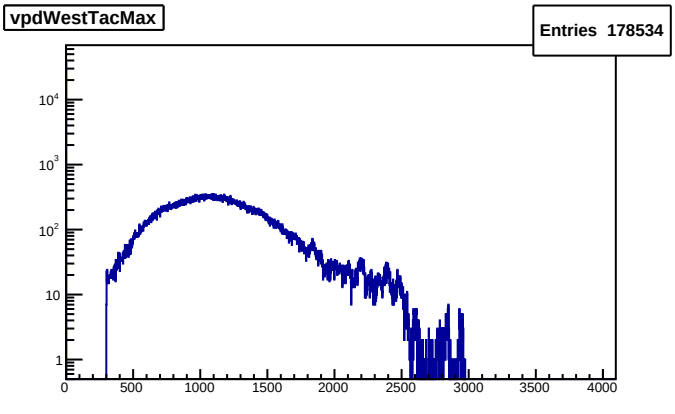

vpdEastAdcSumVsSimu
Entries 126473
Data
Simu

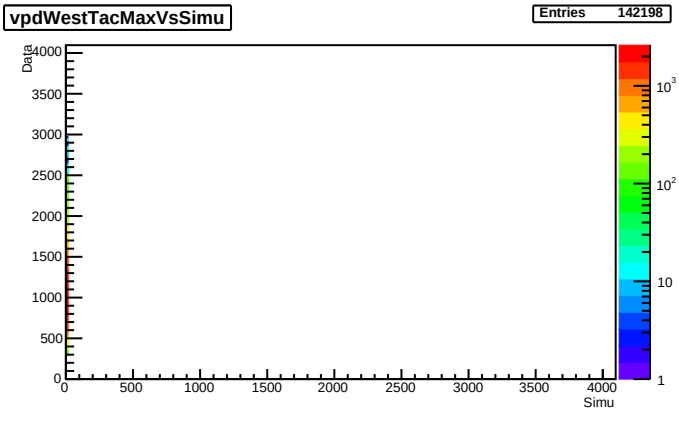

vpdEastTacMax
Entries 178534

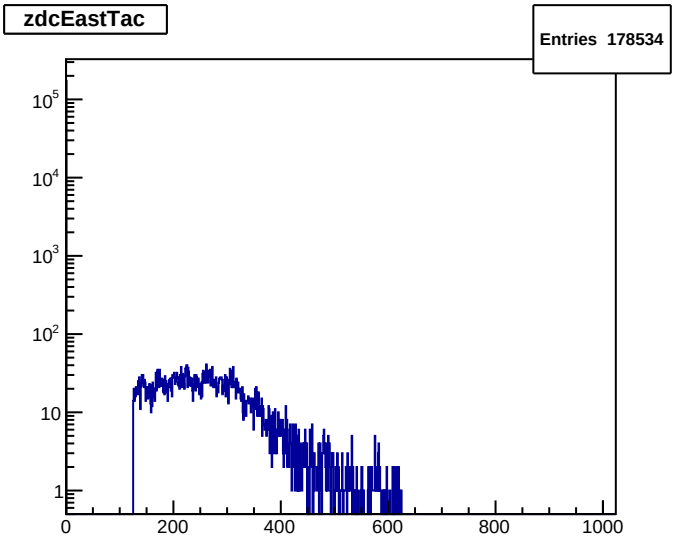

vpdEastTacMaxVsSimu
Entries 126473
Data
Simu

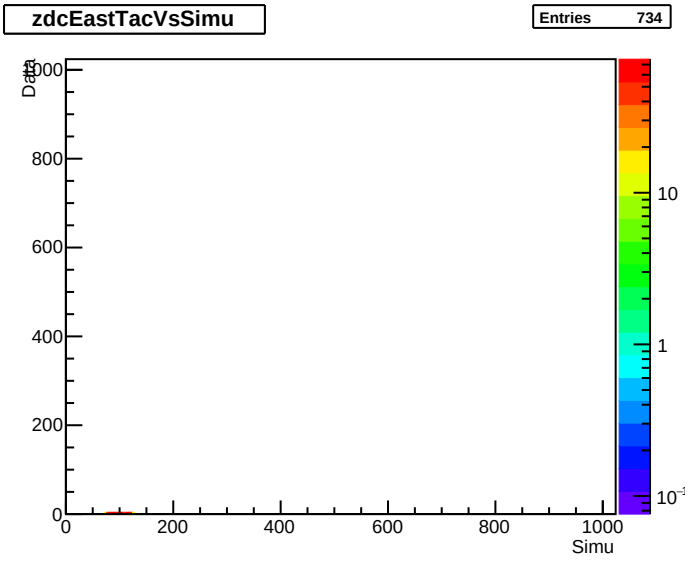

vpdWestAdcSum
Entries 178534

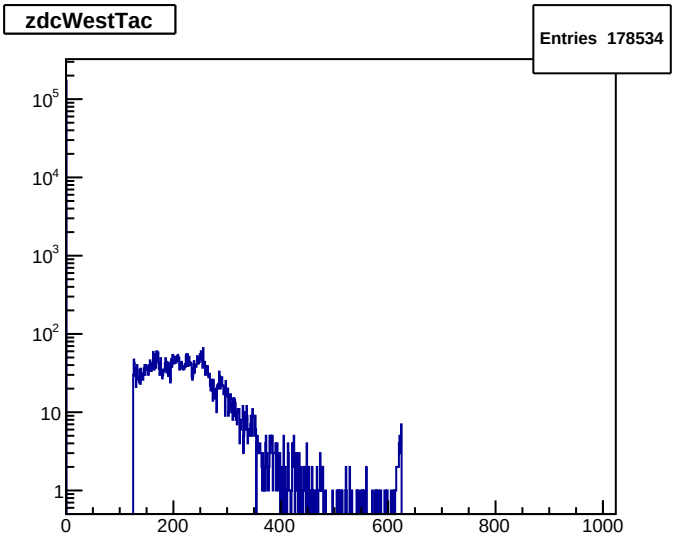

vpdWestAdcSumVsSimu
Entries 142198
Data
Simu

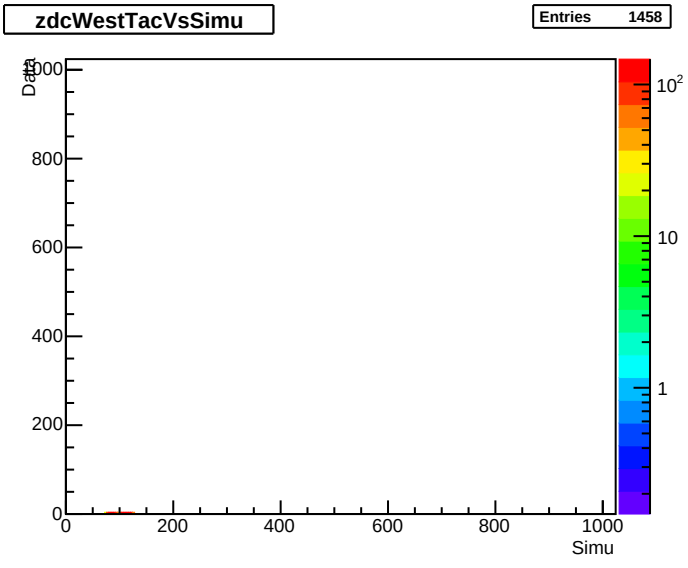

vpdWestTacMax
Entries 178534

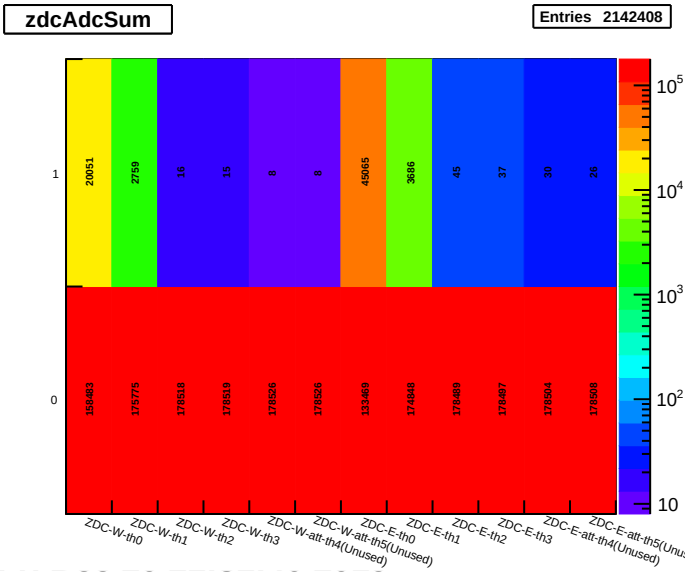

vpdWestTacMaxVsSimu
Entries 142198
Data
Simu

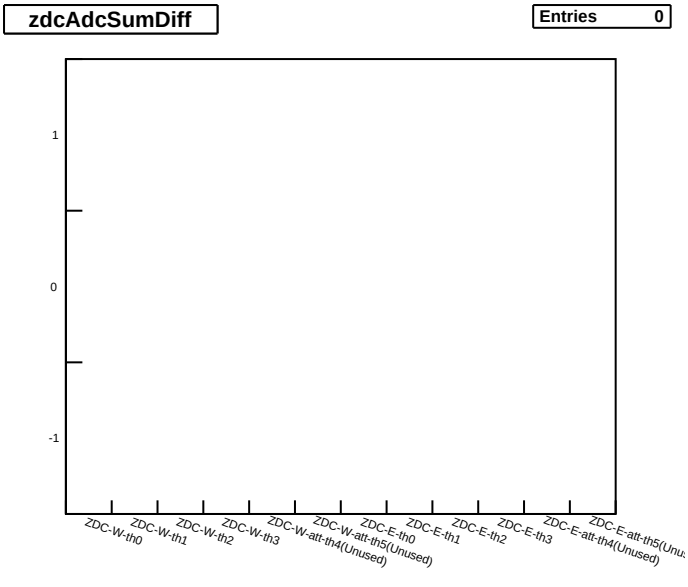

zdcEastTac
Entries 178534

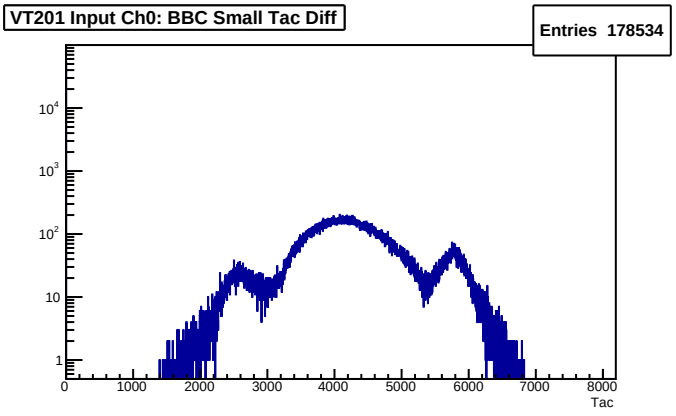

zdcEastTacVsSimu
Entries 734
Data
Simu

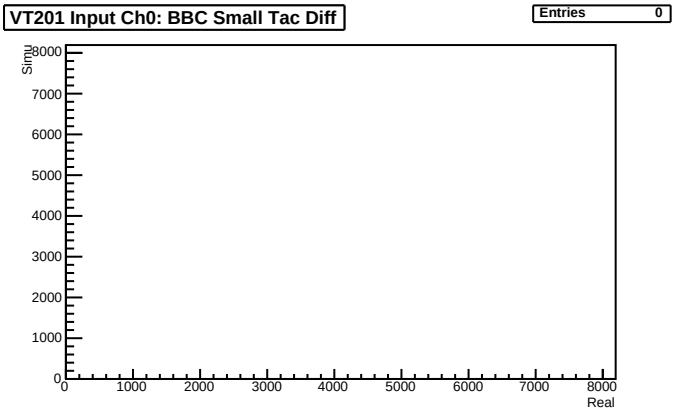

zdcWestTac
Entries 178534

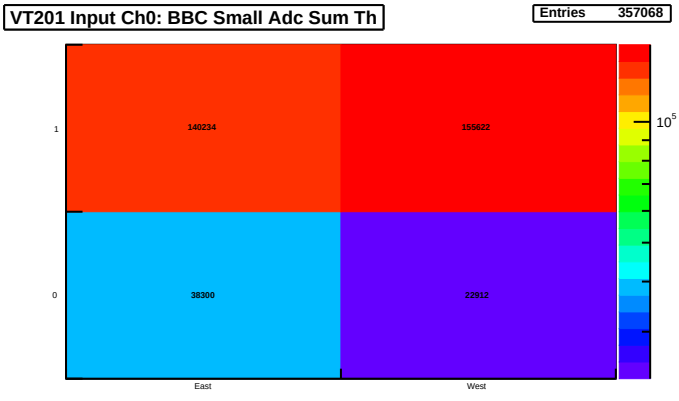

zdcWestTacVsSimu
Entries 1458
Data
Simu

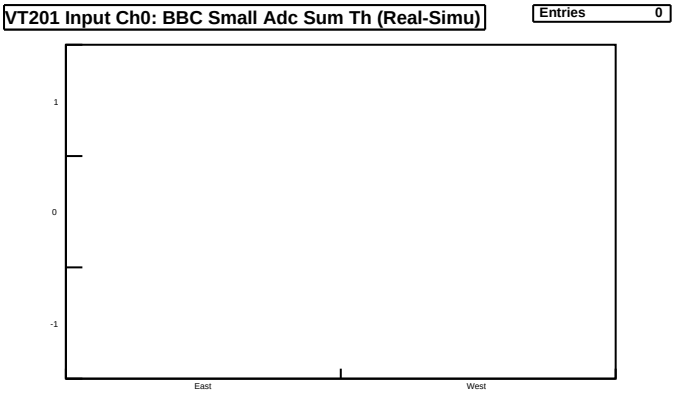

zdcAdcSum
Entries 2142408
20051
2759
16
15
8
8
45065
3686
45
37
30
26
158483
175775
178518
178519
178526
178526
133469
174848
178489
178497
178504
178508
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

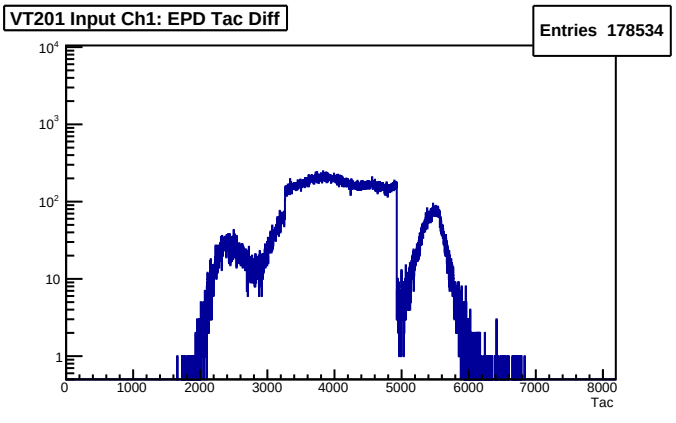

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

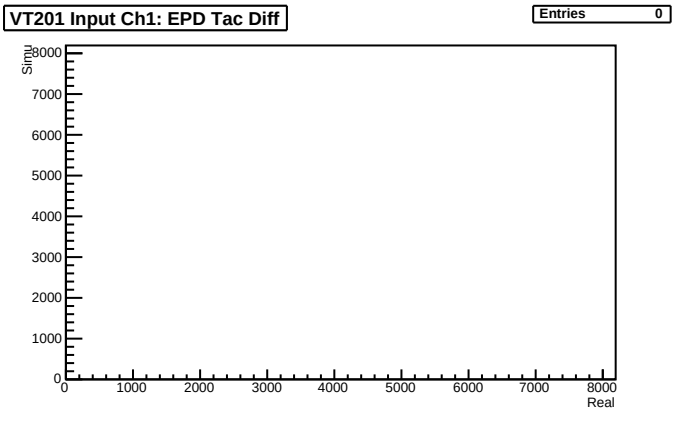

VT201 Input Ch0: BBC Small Tac Diff
Entries 178534
Tac

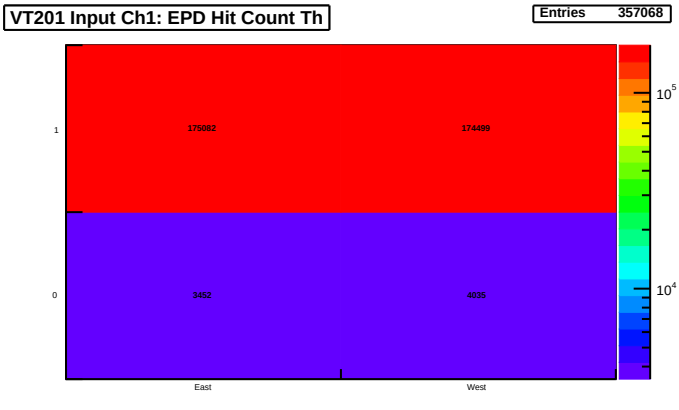

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

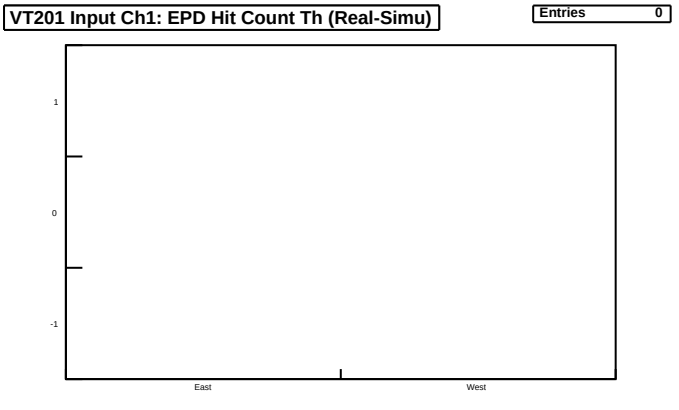

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 357068
140234
155622
38300
22912
East
West

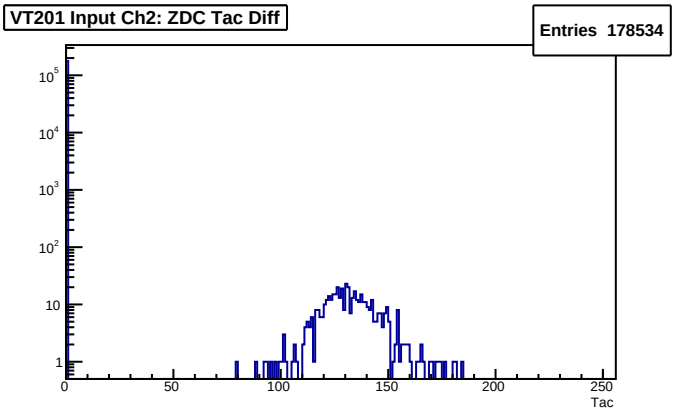

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

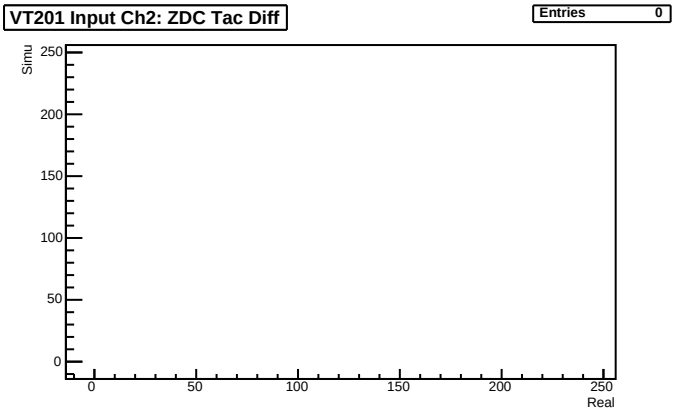

VT201 Input Ch1: EPD Tac Diff
Entries 178534
Tac

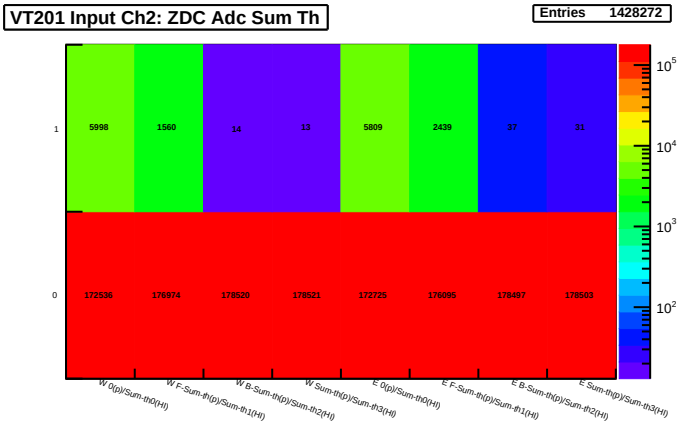

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

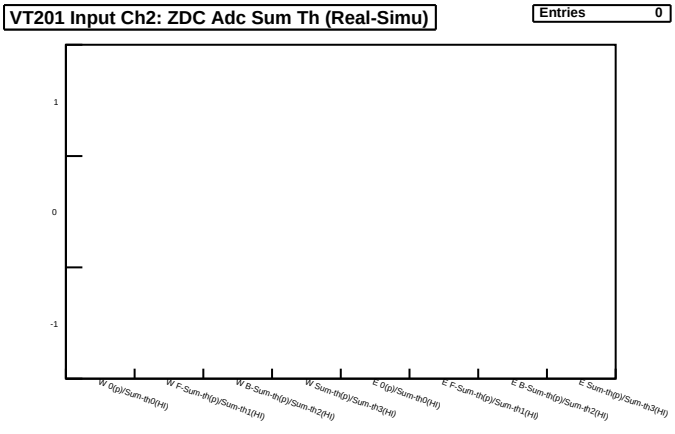

VT201 Input Ch1: EPD Hit Count Th
Entries 357068
175082
174499
3452
4035
East
West

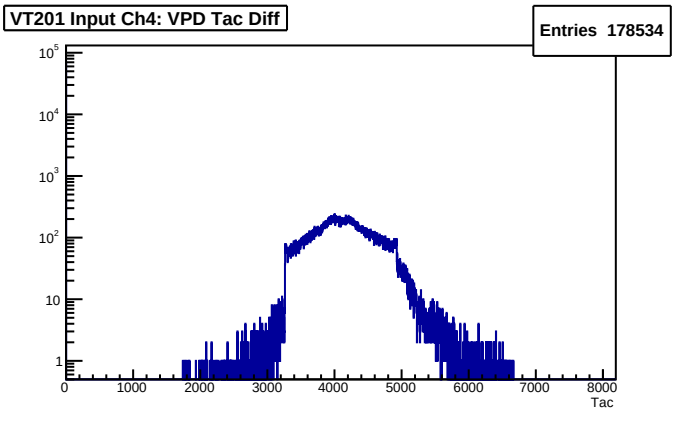

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

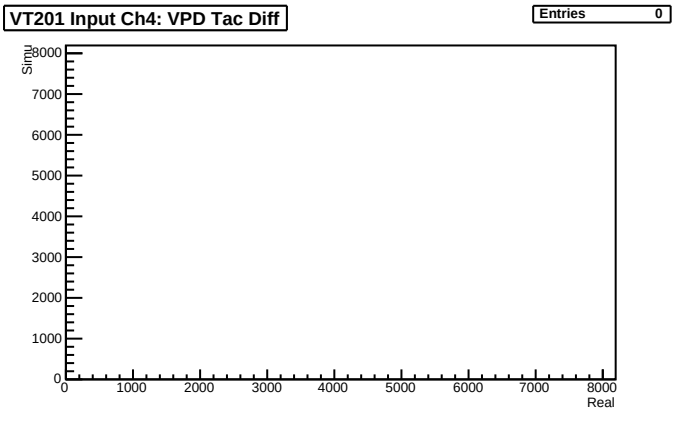

VT201 Input Ch2: ZDC Tac Diff
Entries 178534
Tac

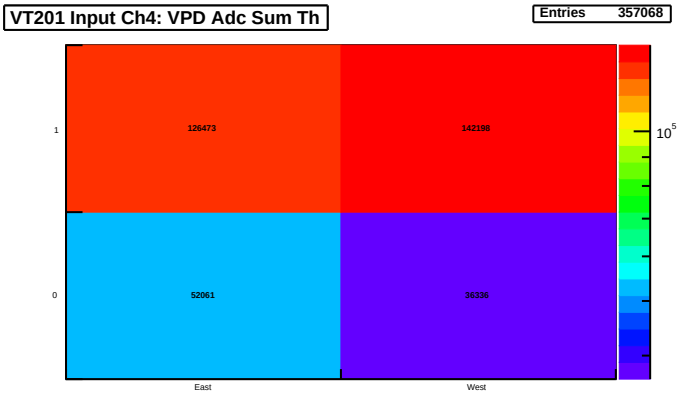

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

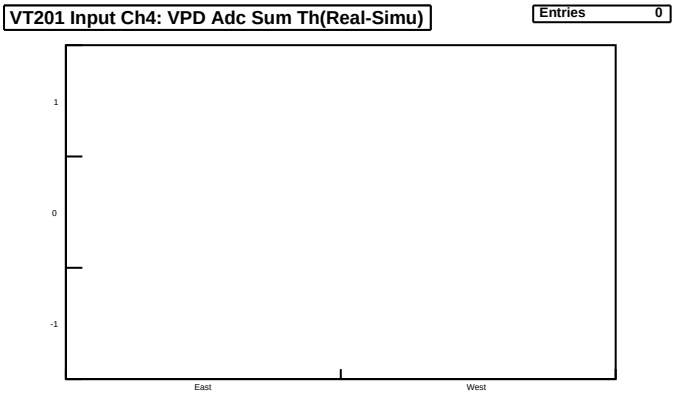

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1428272
5998
1560
14
13
5809
2439
37
31
172536
176974
178520
178521
172725
176095
178497
178503
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

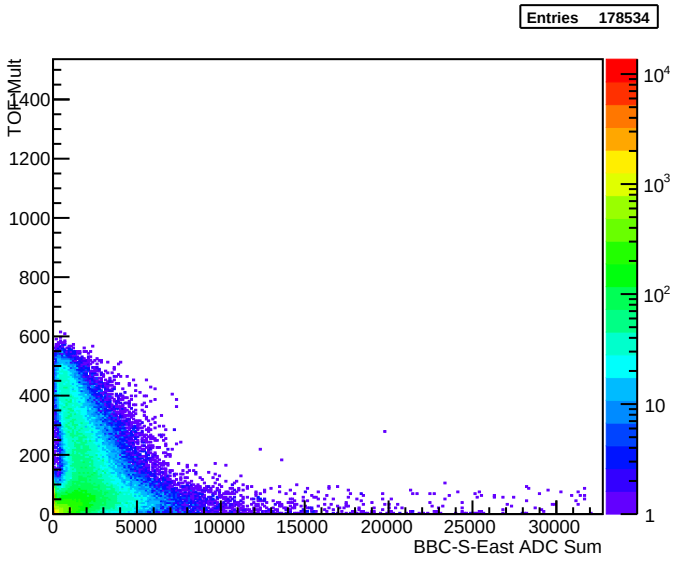

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

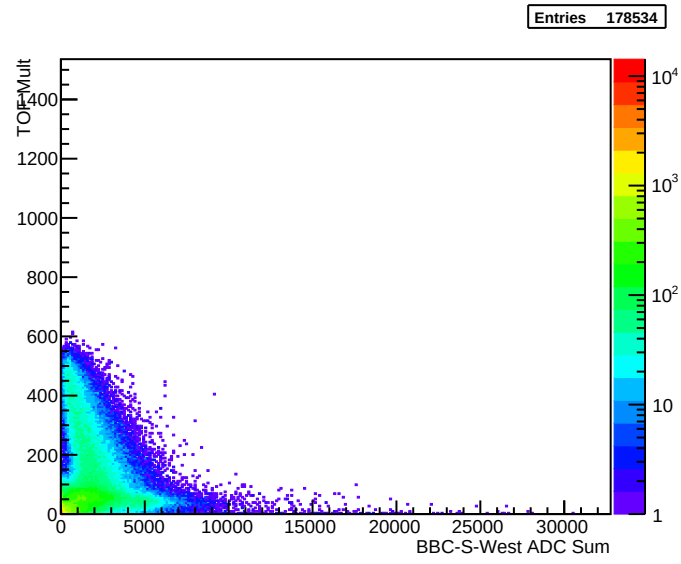

VT201 Input Ch4: VPD Tac Diff
Entries 178534
Tac

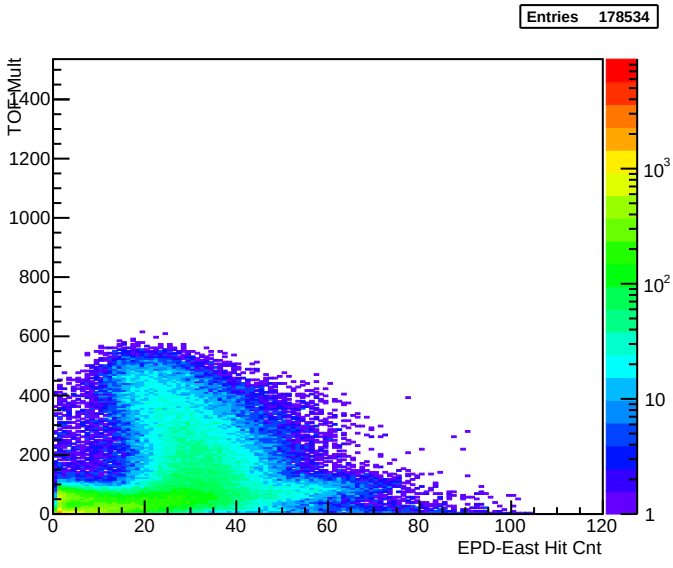

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

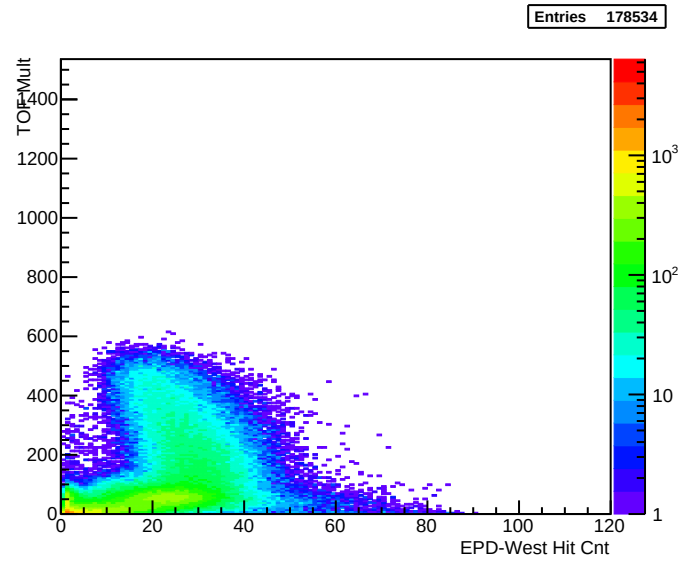

VT201 Input Ch4: VPD Adc Sum Th
Entries 357068
126473
142198
52061
36336
East
West

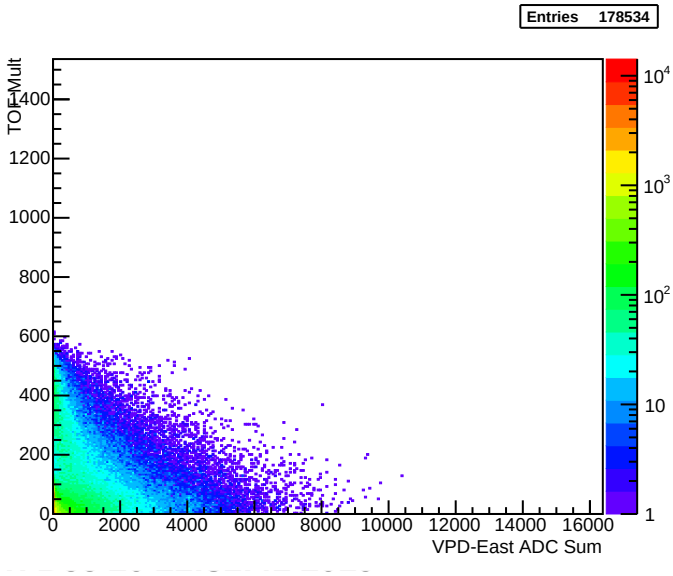

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

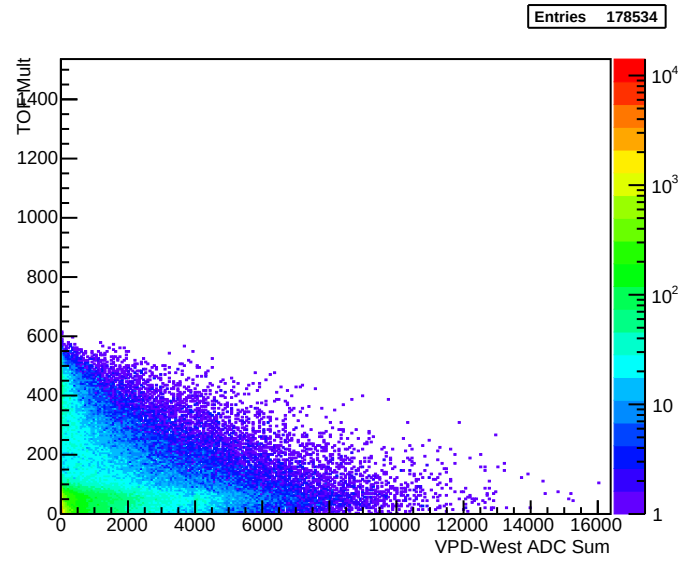

Entries 178534
TOF-Mult
BBC-S-East ADC Sum

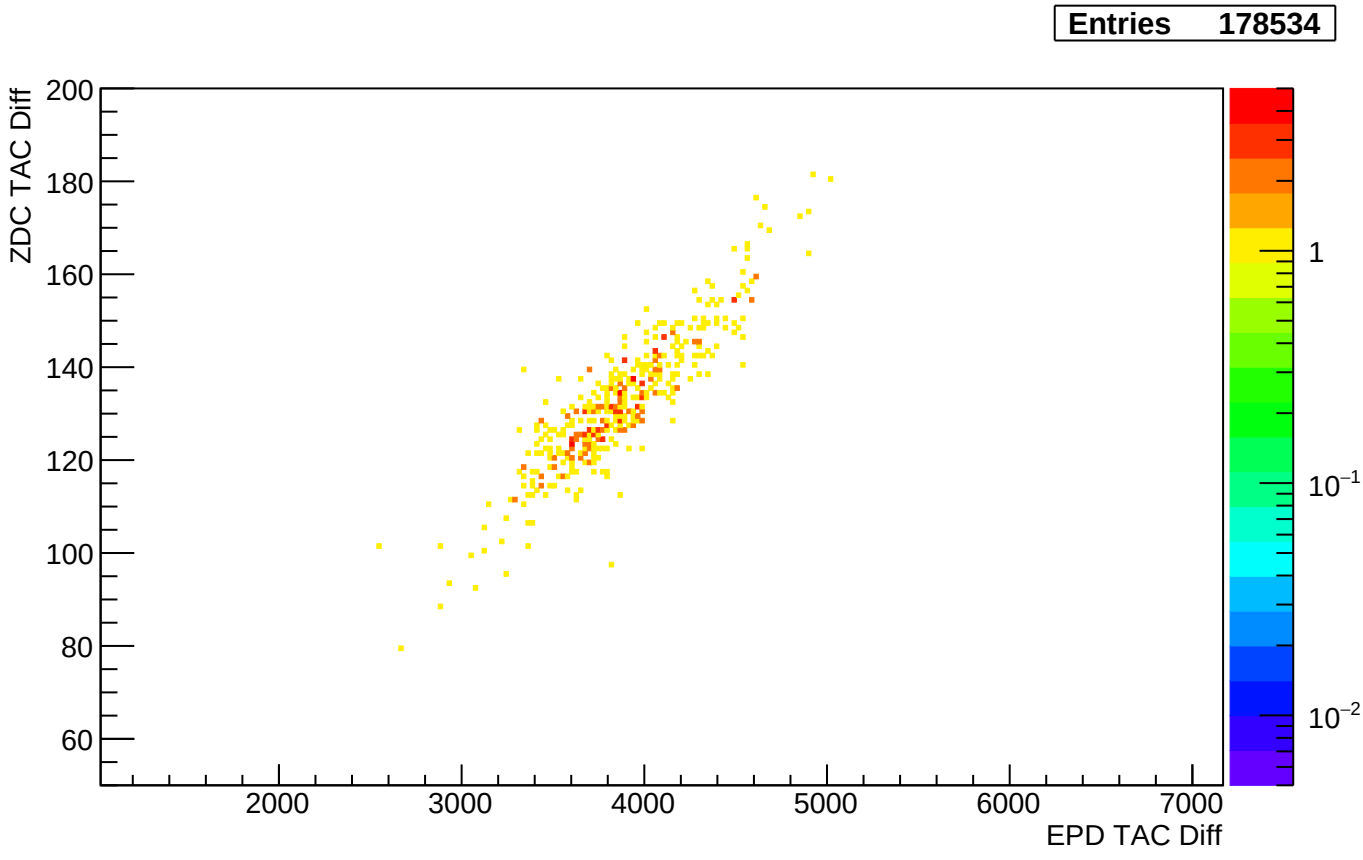

Entries 178534
TOF-Mult
BBC-S-West ADC Sum

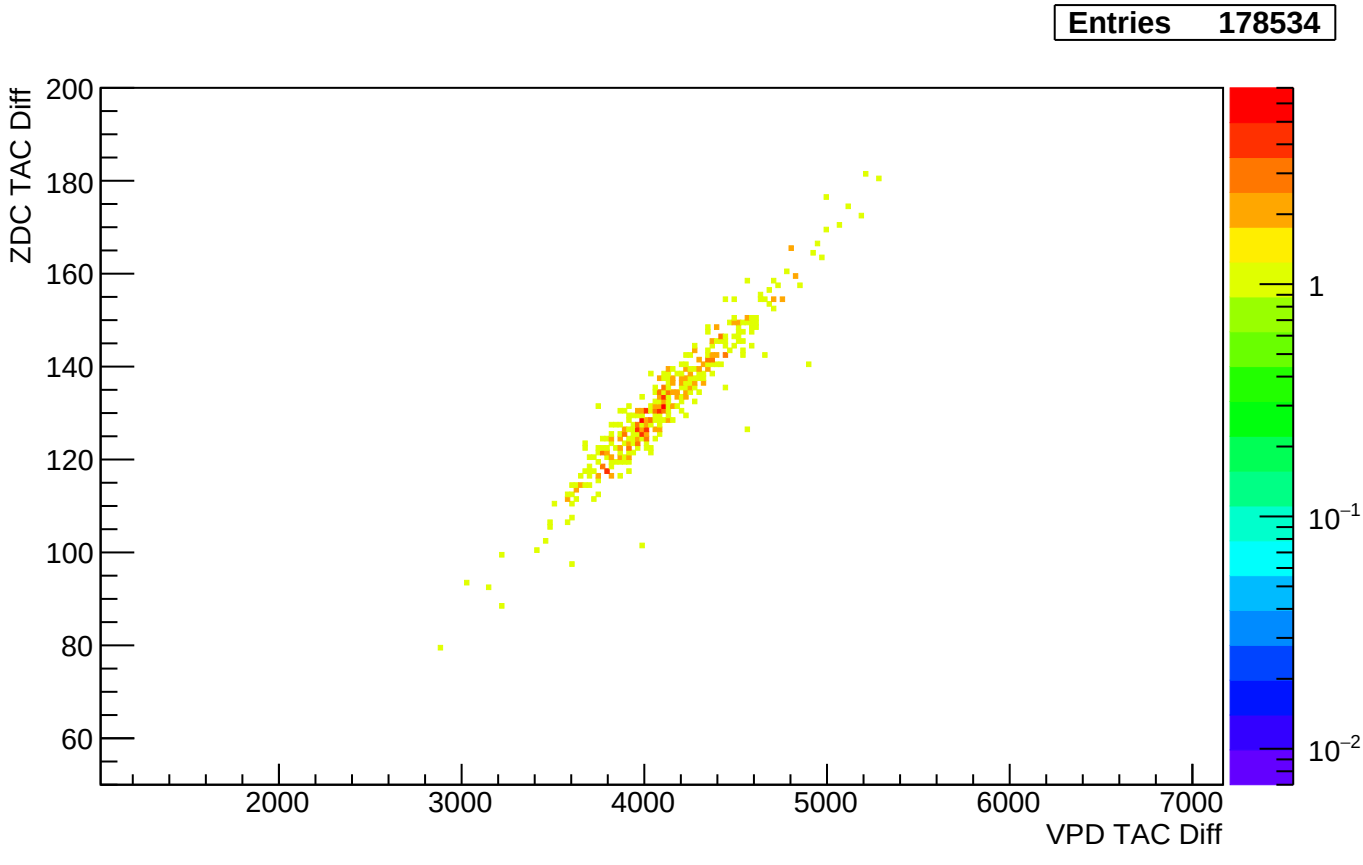

Entries 178534
TOF-Mult
EPD-East Hit Cnt

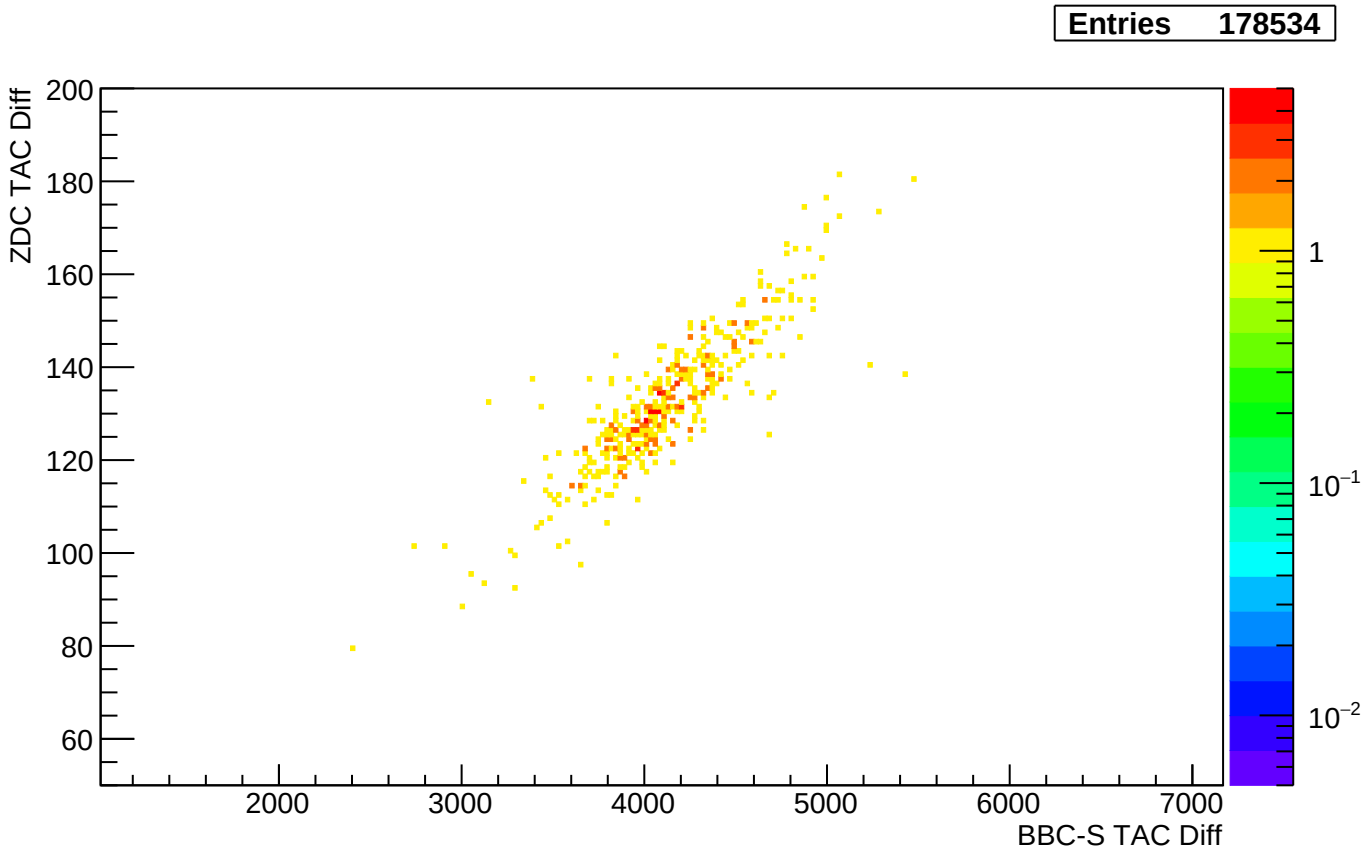

Entries 178534
TOF-Mult
EPD-West Hit Cnt

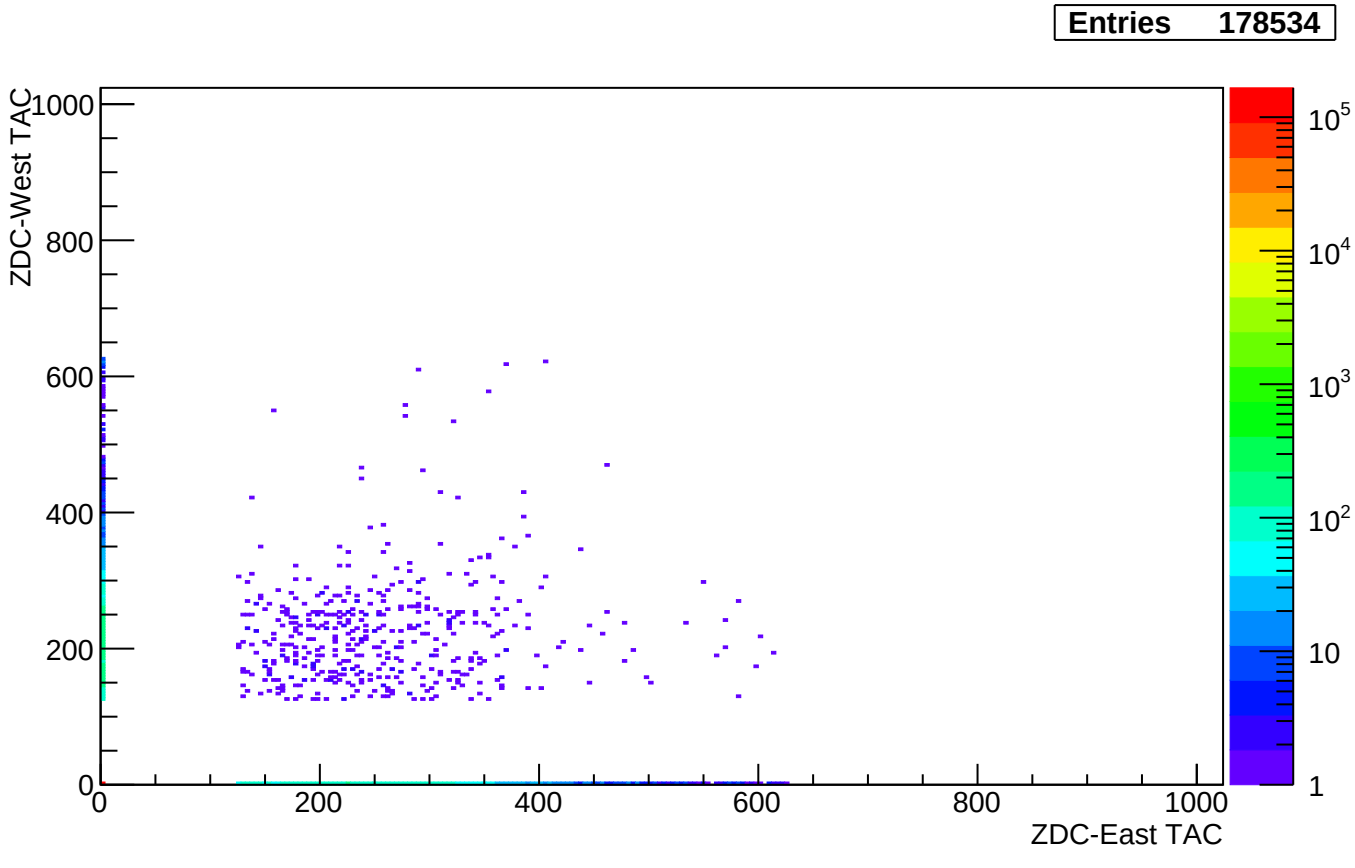

Entries 178534
TOF-Mult
VPD-East ADC Sum

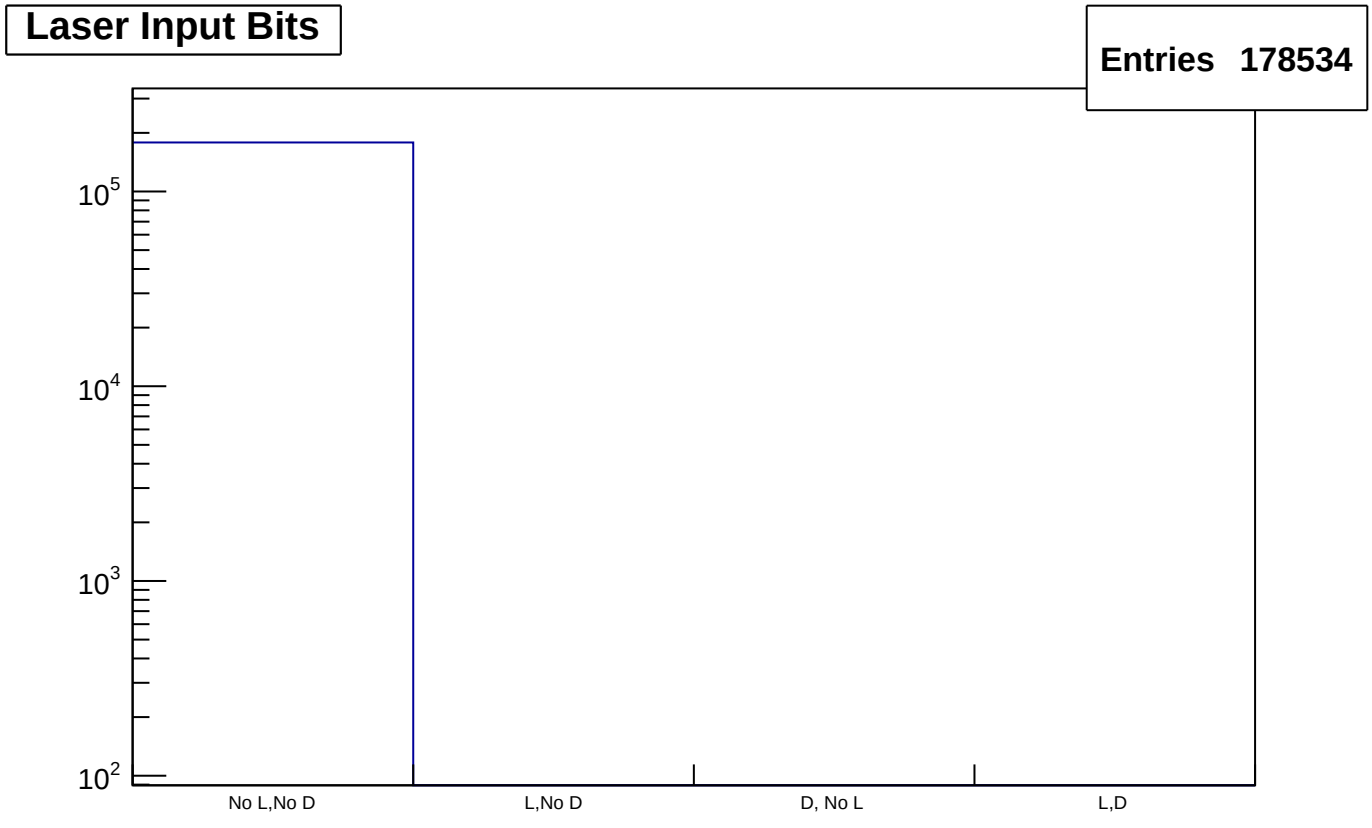

Entries 178534
TOF-Mult
VPD-West ADC Sum

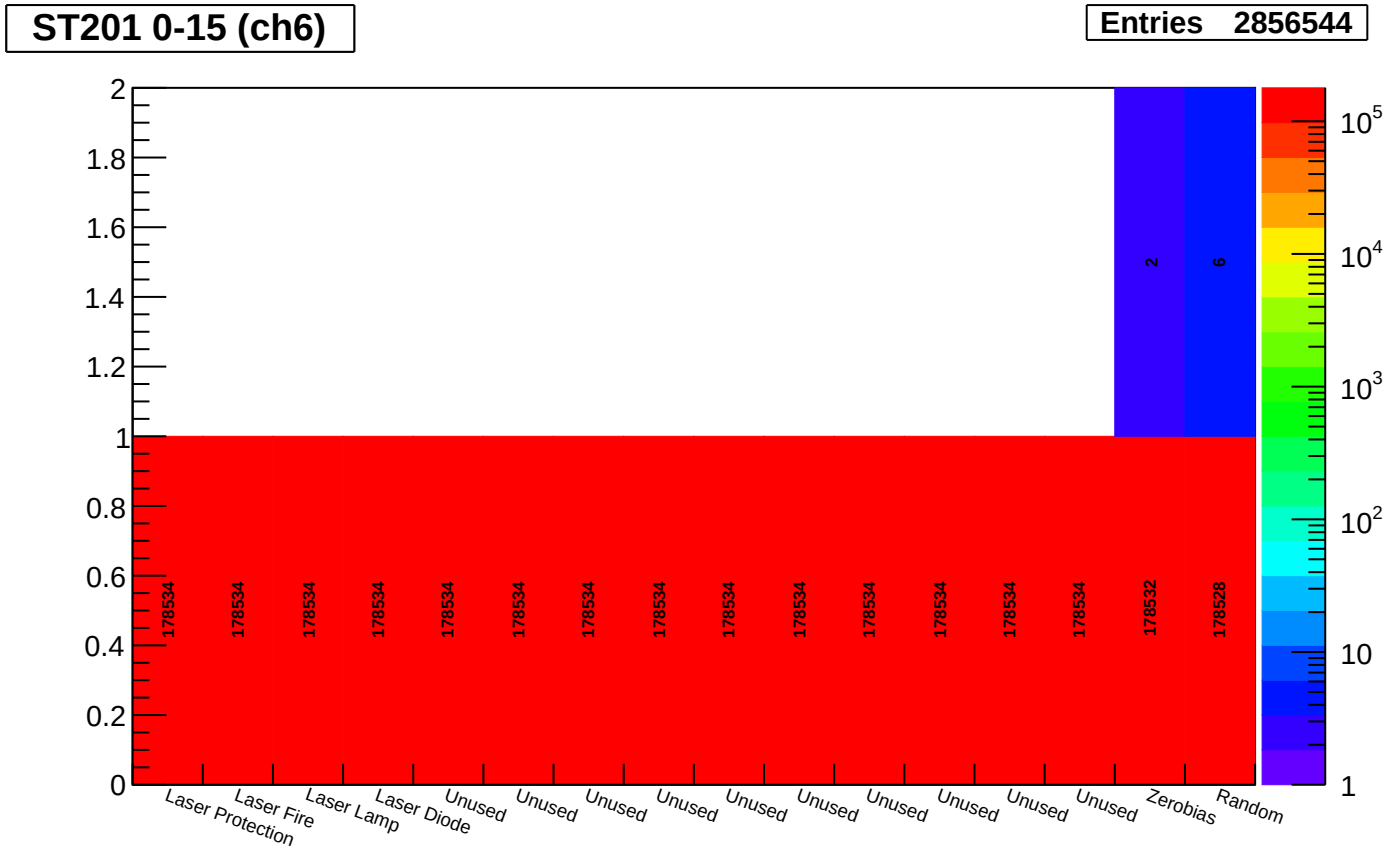

Entries 178534
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

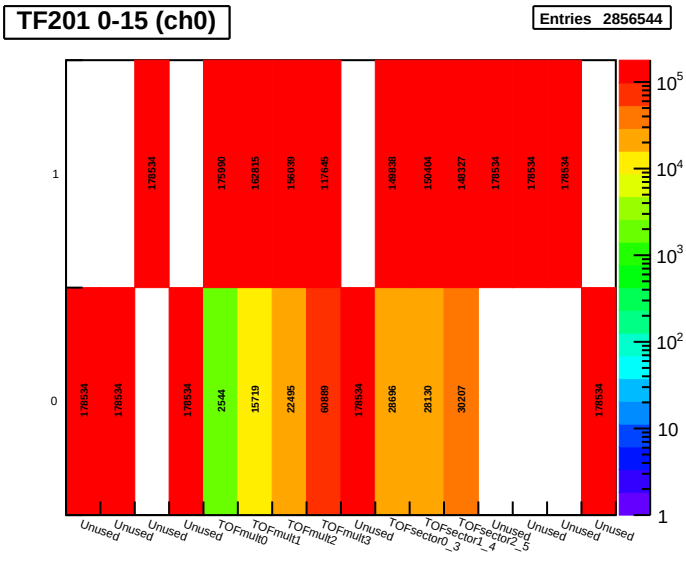

Entries 178534
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

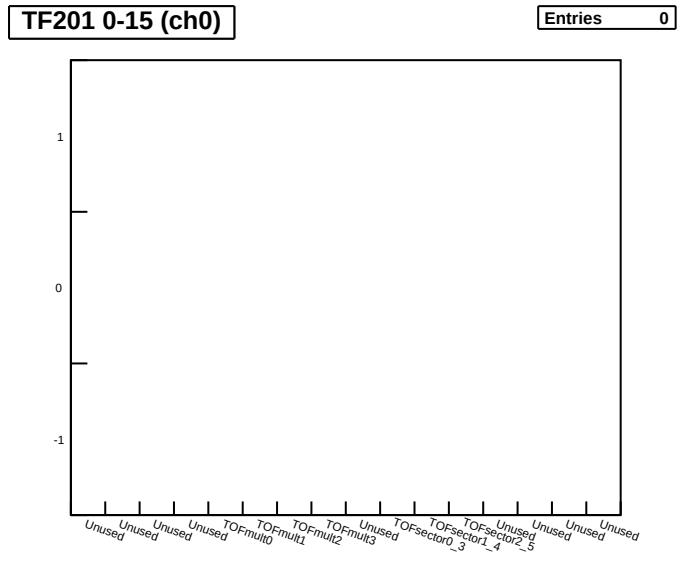

Entries 178534
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

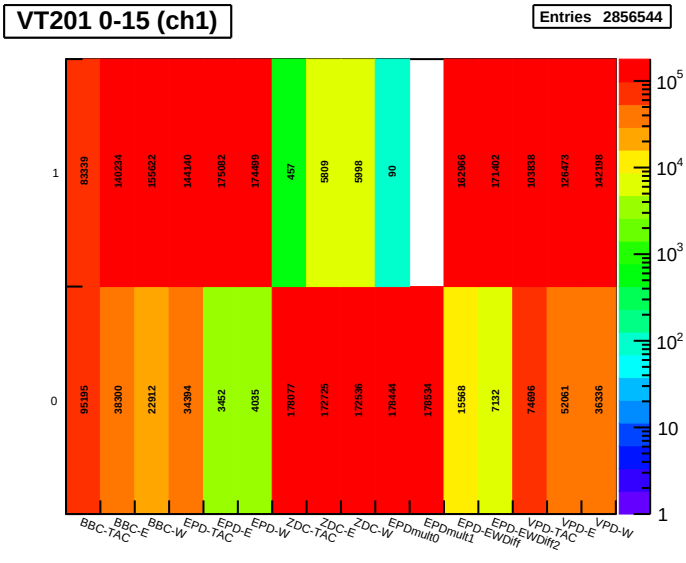

Entries 178534
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

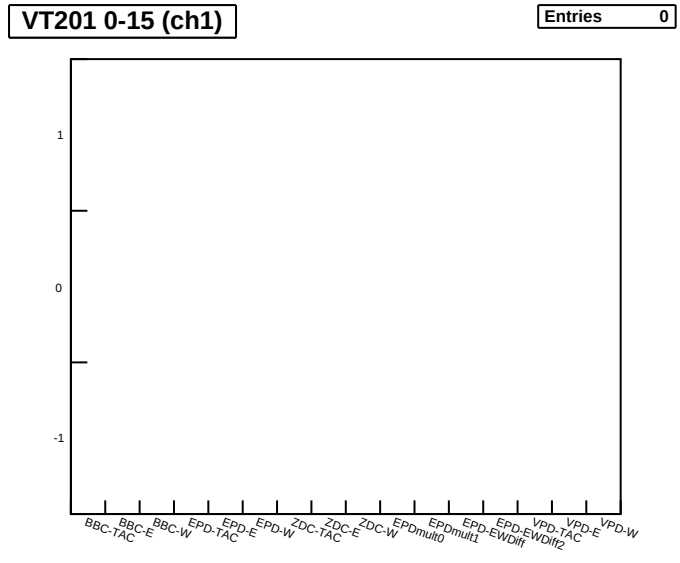

Laser Input Bits
Entries 178534
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

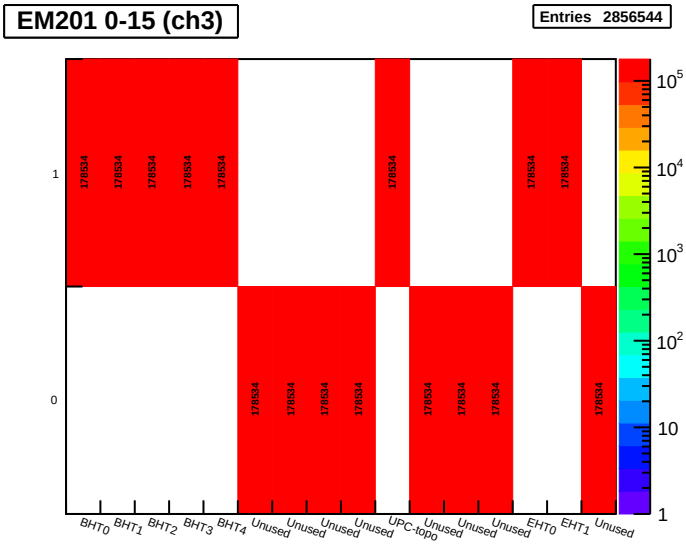

ST201 0-15 (ch6)
Entries 2856544
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
178534
178532
178528
2
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

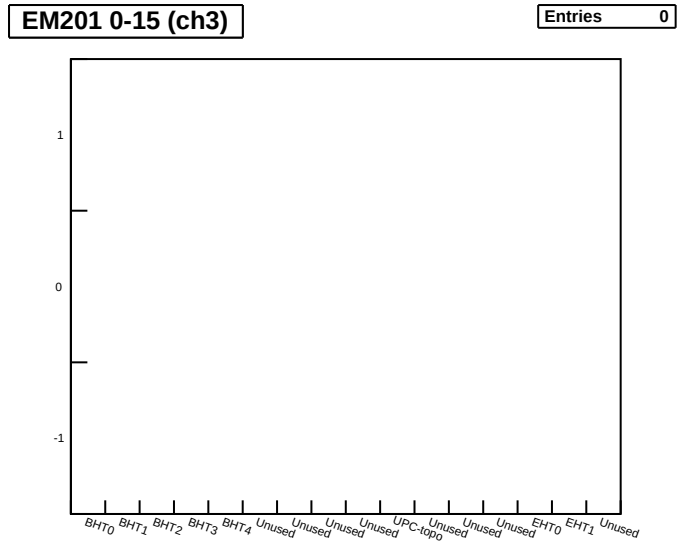

TF201 0-15 (ch0)
Entries 2856544
1
0
178534 175990 162815 156039 117645 149838 150404 148327 178534 178534 178534
178534 178534 178534 2544 15719 22495 60889 178534 28696 28130 30207 178534
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 Unused


VT201 0-15 (ch1)
Entries 2856544
1
0
83339 140234 155622 144140 175082 174499 457 5809 5998 90 162966 171402 103838 126473 142198
95195 38300 22912 34394 3462 4035 178077 172725 172536 178444 178534 15568 7132 74696 52061 36336
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 2856544
1
0
178534 178534 178534 178534 178534 178534 178534 178534
178534 178534 178534 178534 178534 178534 178534 178534
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