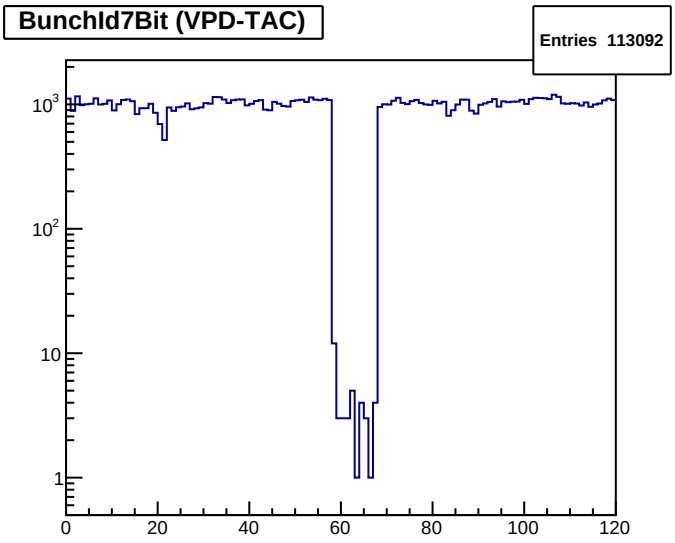
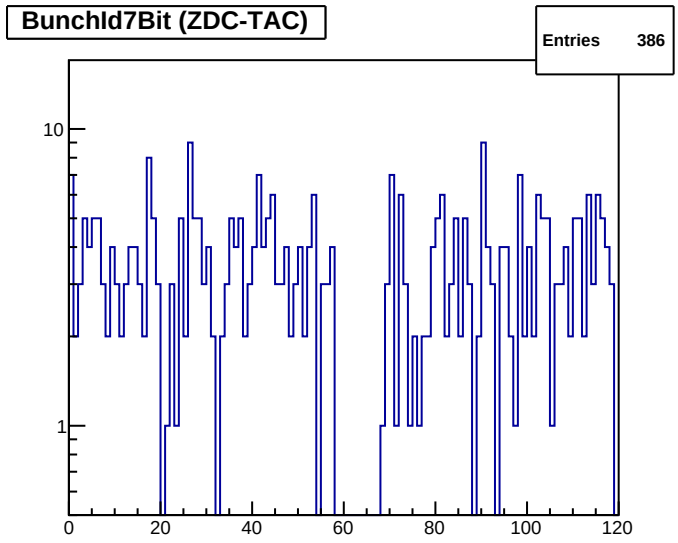
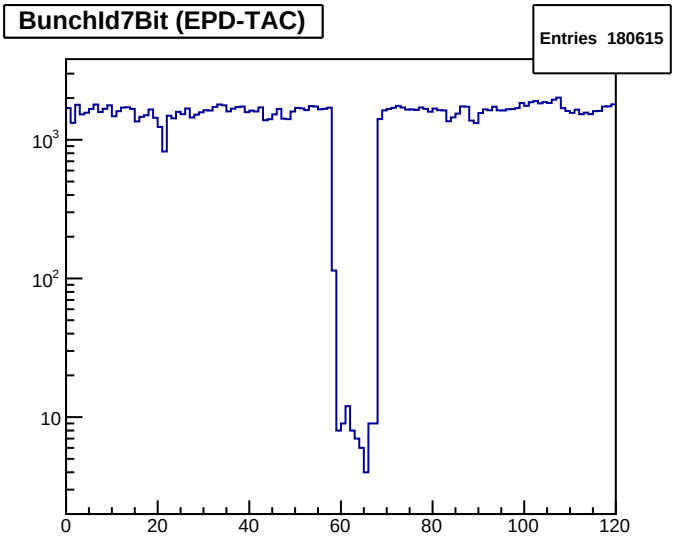
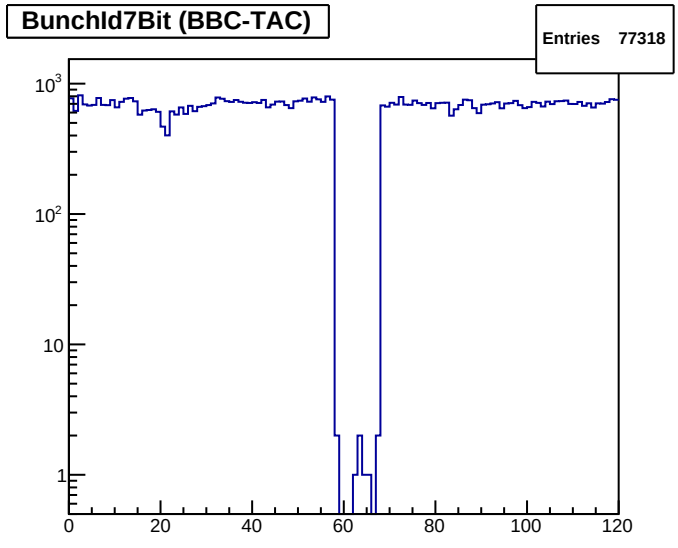
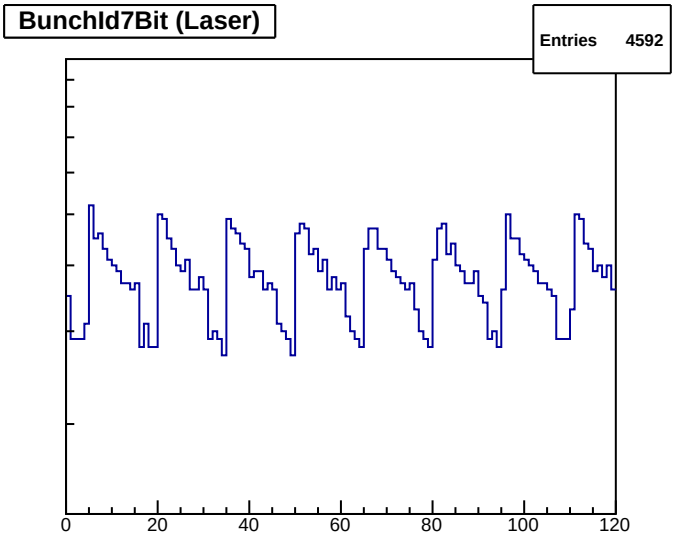
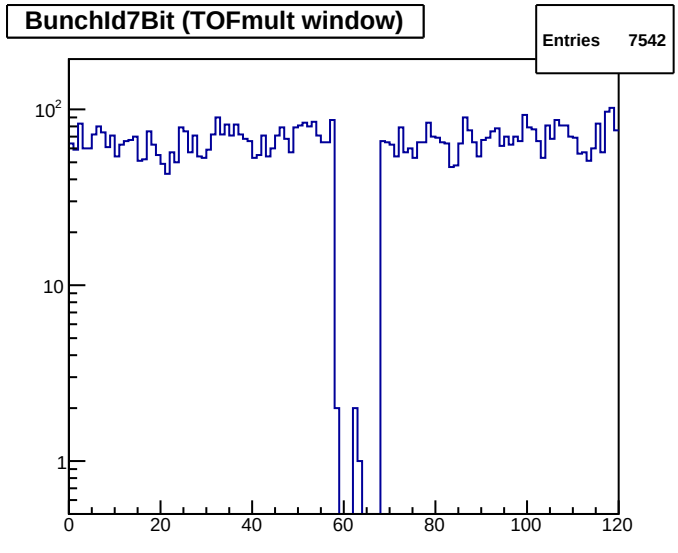

BunchId7Bit (VPD-TAC)
Entries 113092

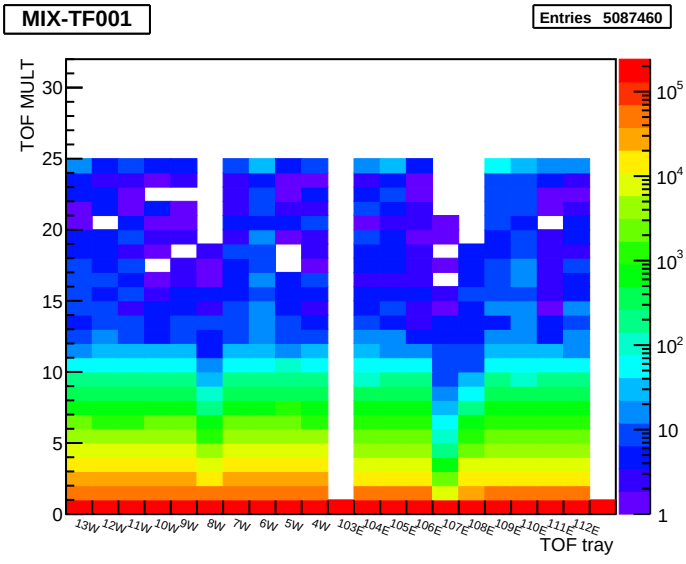

BunchId7Bit (ZDC-TAC)
Entries 386

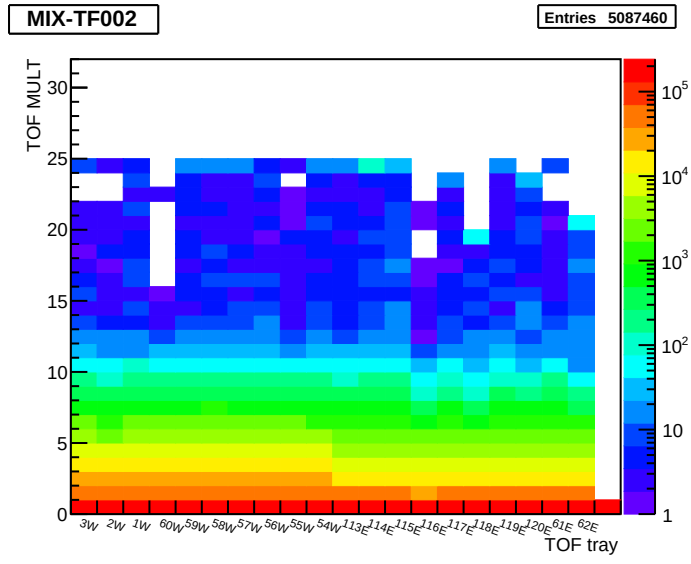

BunchId7Bit (EPD-TAC)
Entries 180615

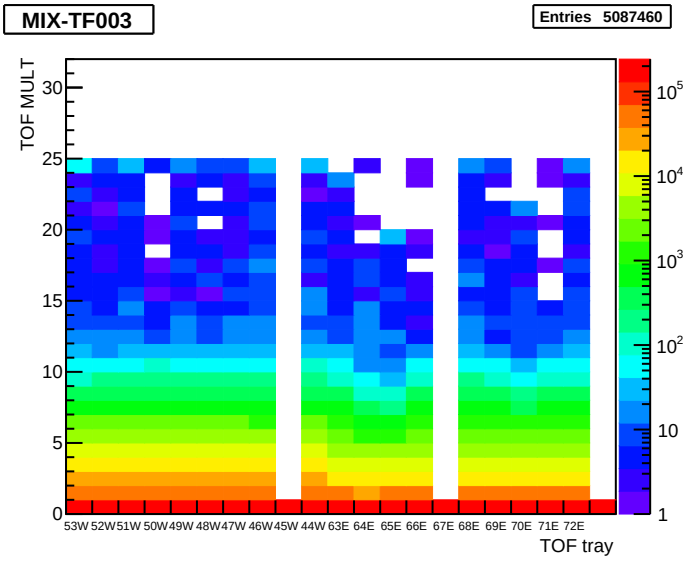

BunchId7Bit (BBC-TAC)
Entries 77318

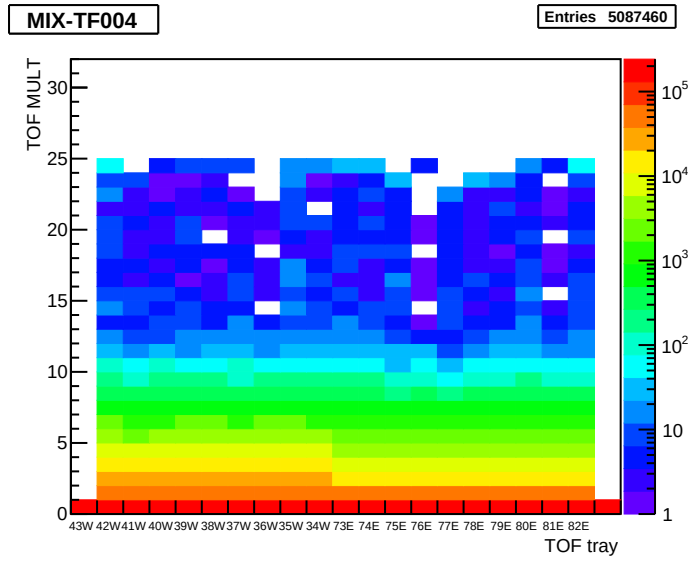

BunchId7Bit (Laser)
Entries 4592

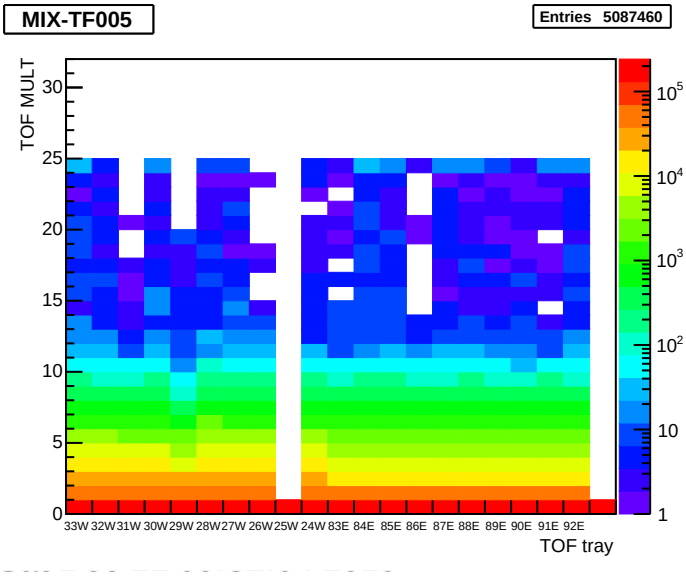

BunchId7Bit (TOFmult window)
Entries 7542

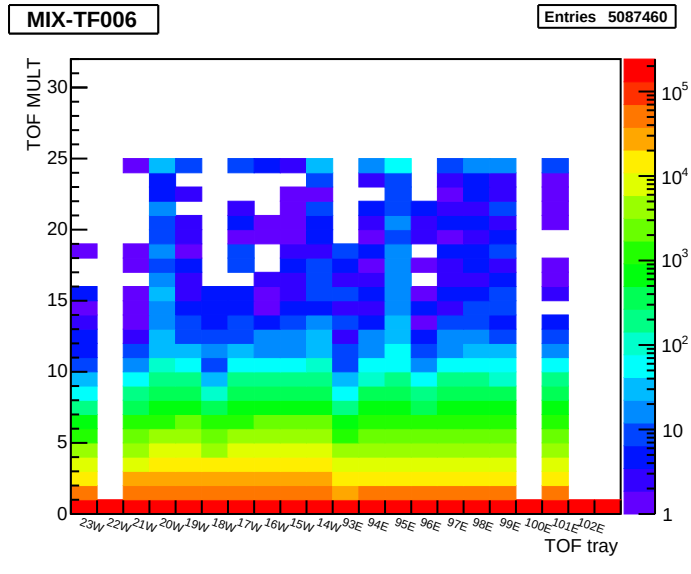

MIX-TF001
Entries 5087460
TOF MULT
TOF tray

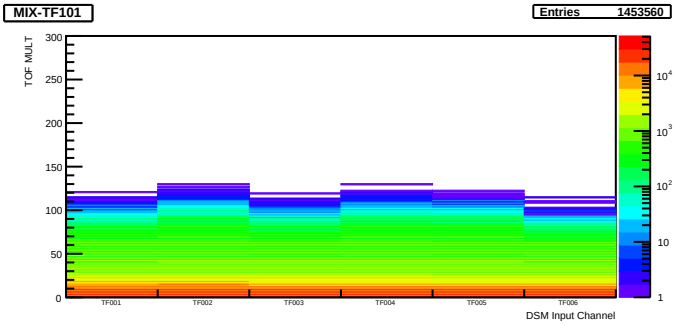

MIX-TF002
Entries 5087460
TOF MULT
TOF tray

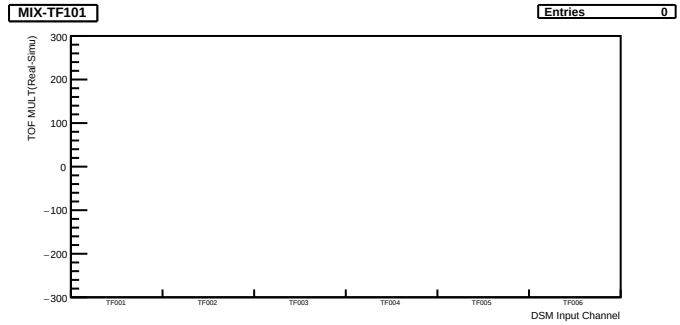

MIX-TF003
Entries 5087460
TOF MULT
TOF tray

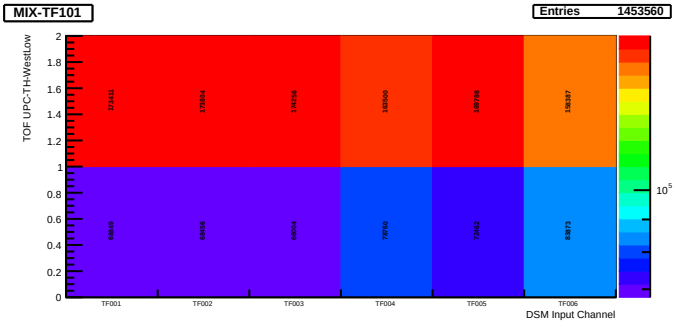

MIX-TF004
Entries 5087460
TOF MULT
TOF tray

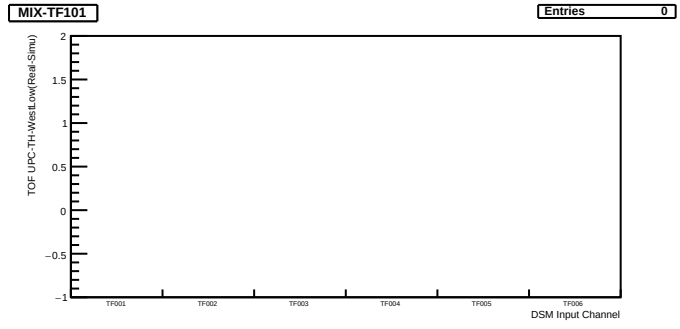

MIX-TF005
Entries 5087460
TOF MULT
TOF tray

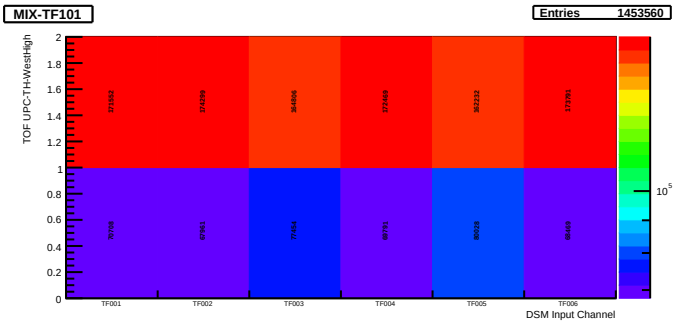

MIX-TF006
Entries 5087460
TOF MULT
TOF tray

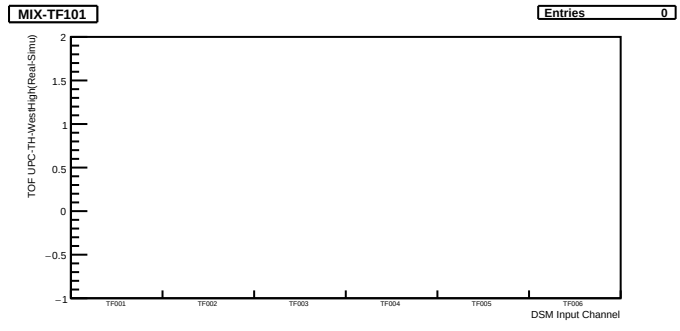

MIX-TF101
Entries 1453560
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

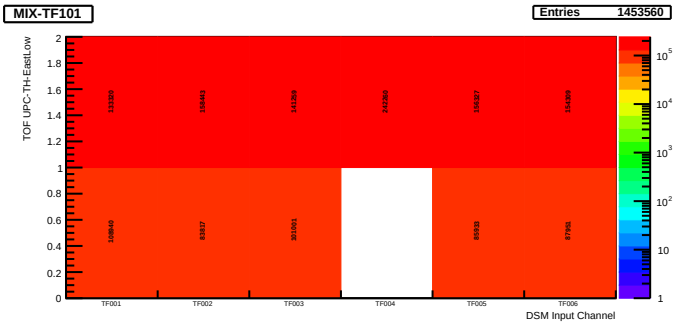

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

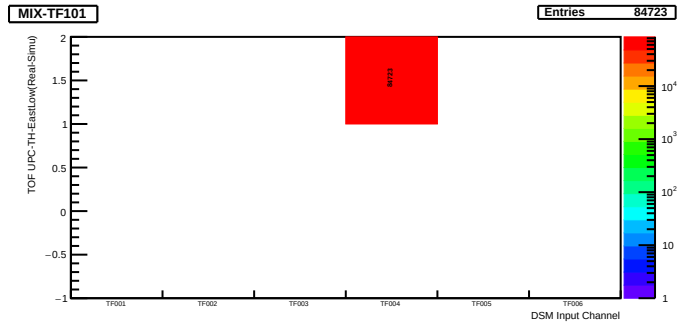

MIX-TF101
Entries 1453560
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

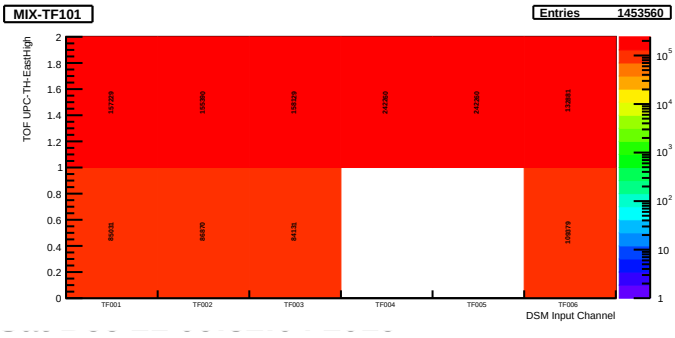

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

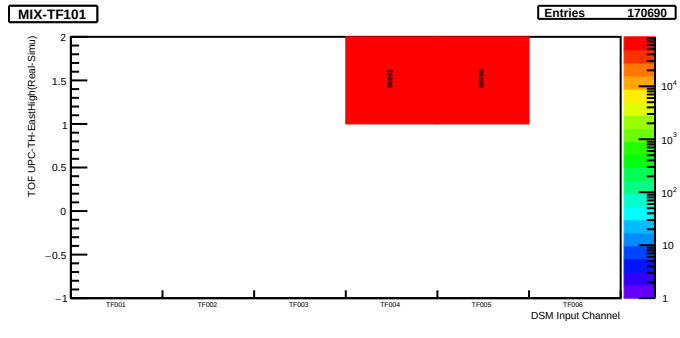

MIX-TF101
Entries 1453560
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

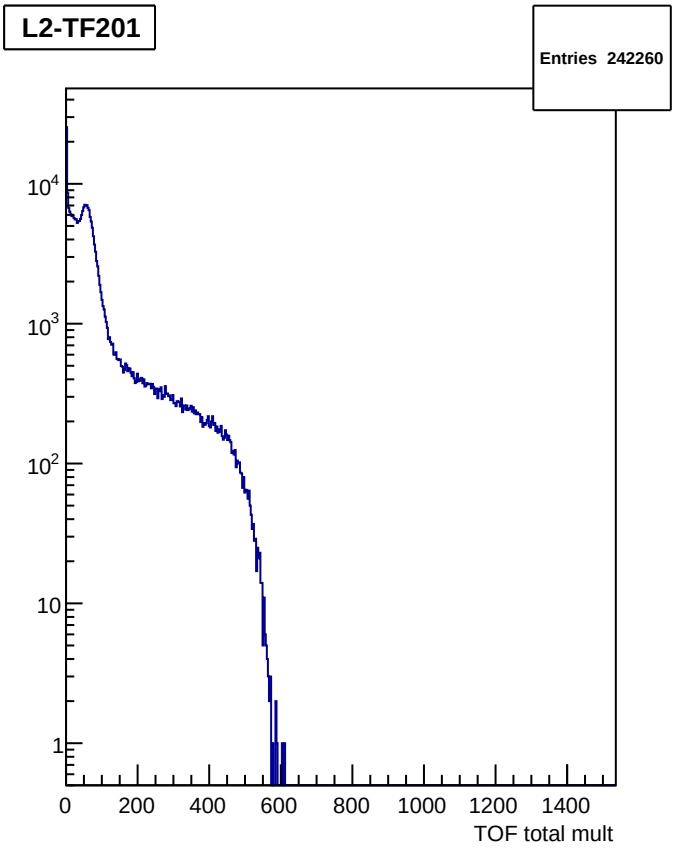

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

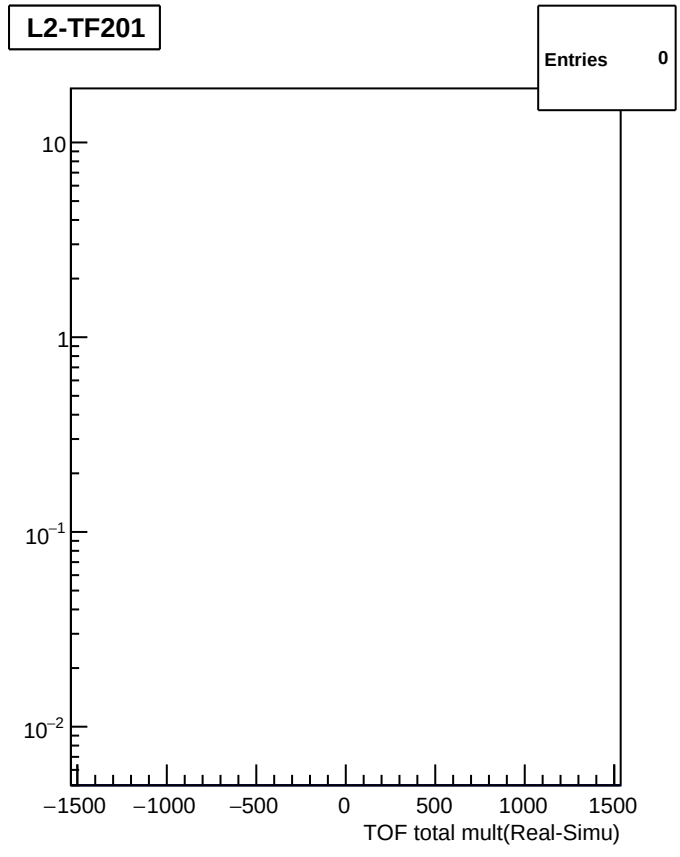

MIX-TF101
Entries 1453560
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

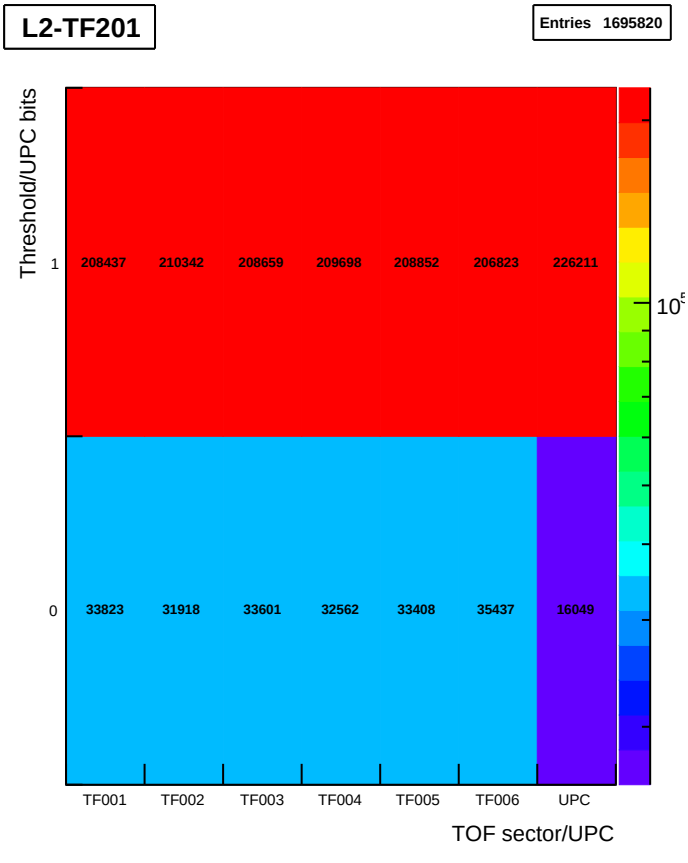

MIX-TF101
Entries 84723
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

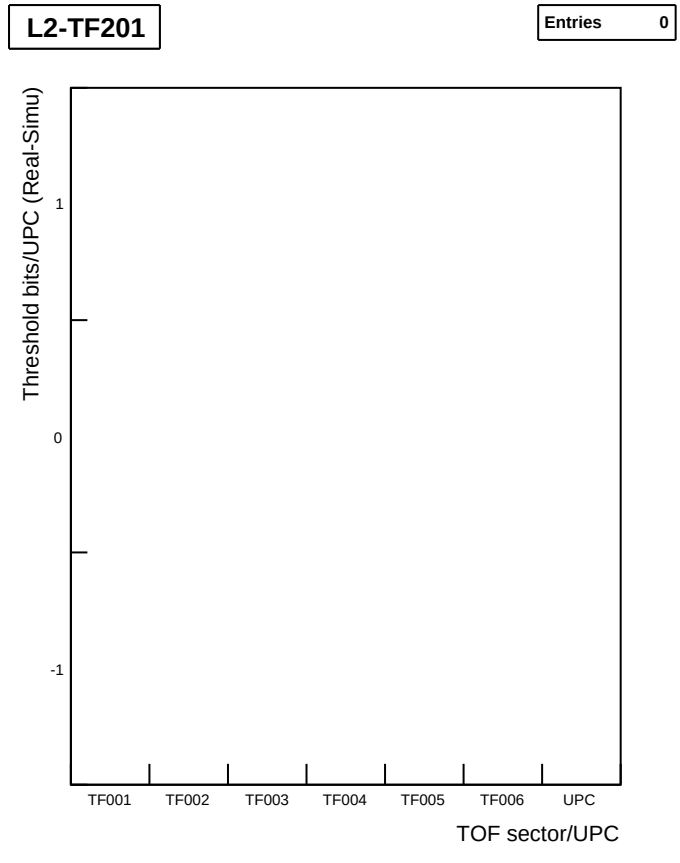

MIX-TF101
Entries 1453560
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

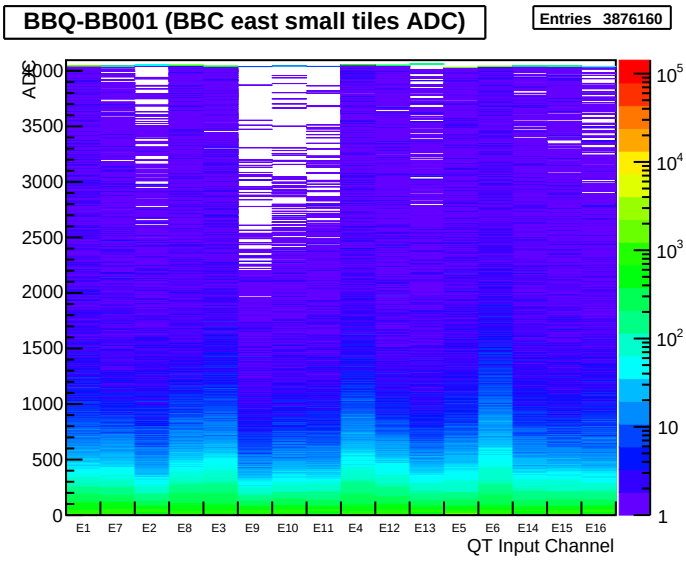

MIX-TF101
Entries 170690
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

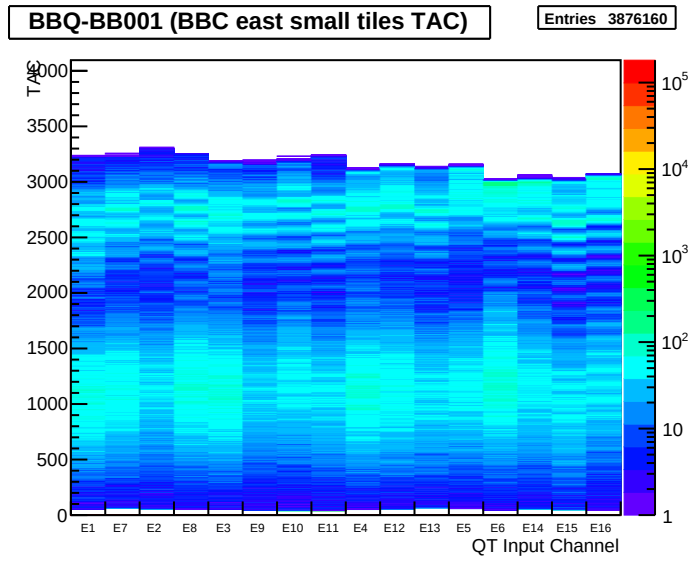

L2-TF201
Entries 242260
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

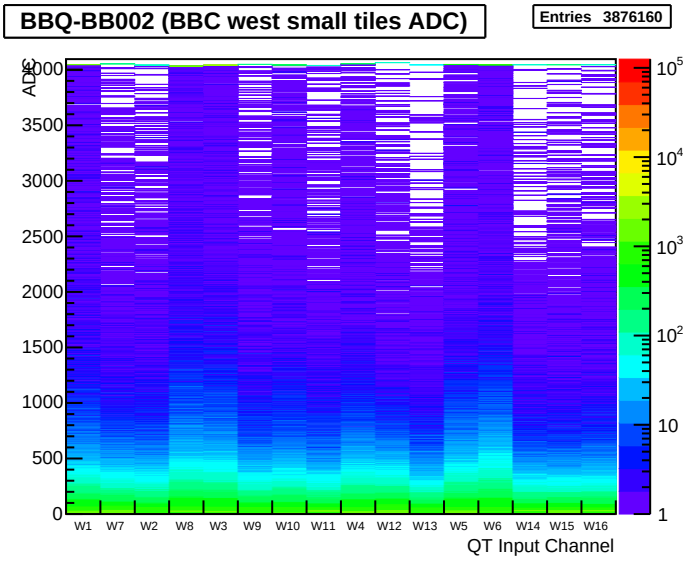

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

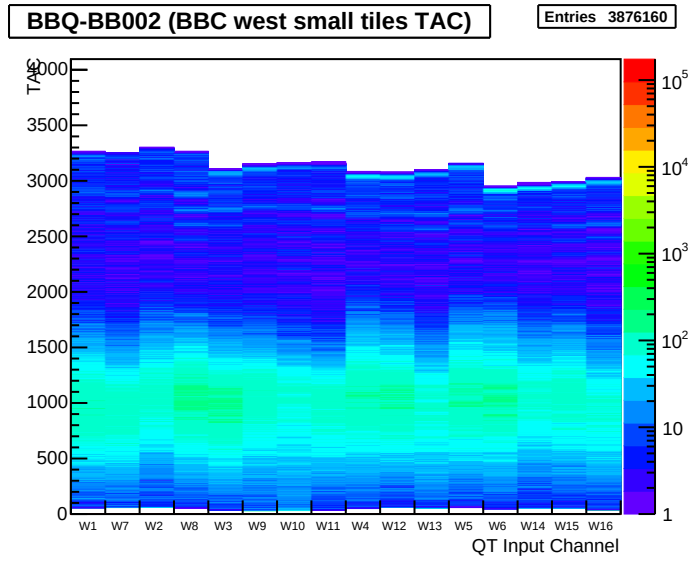

L2-TF201
Entries 1695820
Threshold/UPC bits
1
0
208437
210342
208659
209698
208852
206823
226211
33823
31918
33601
32562
33408
35437
16049
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

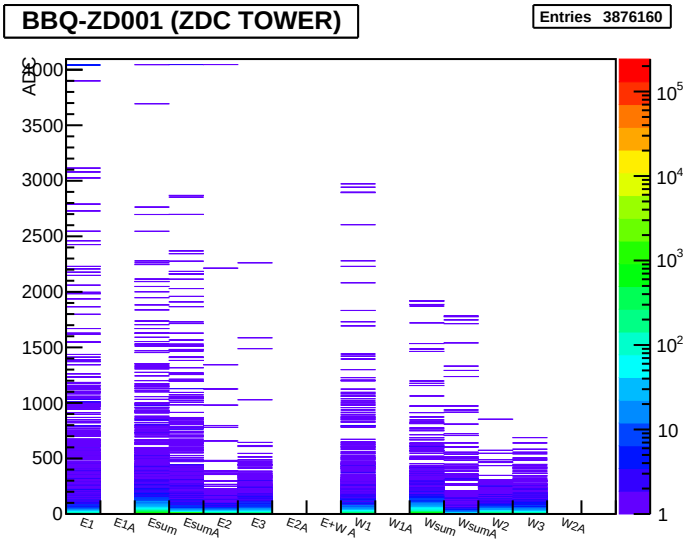

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

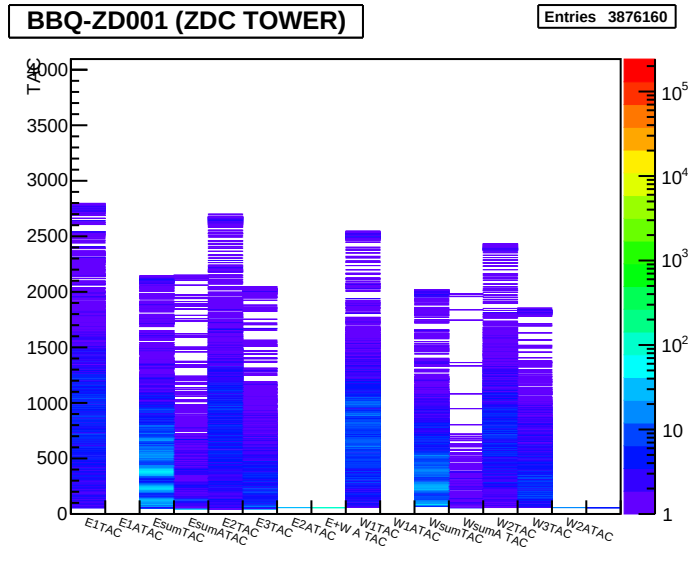

BBQ-BB001 (BBC east small tiles ADC)
Entries 3876160
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

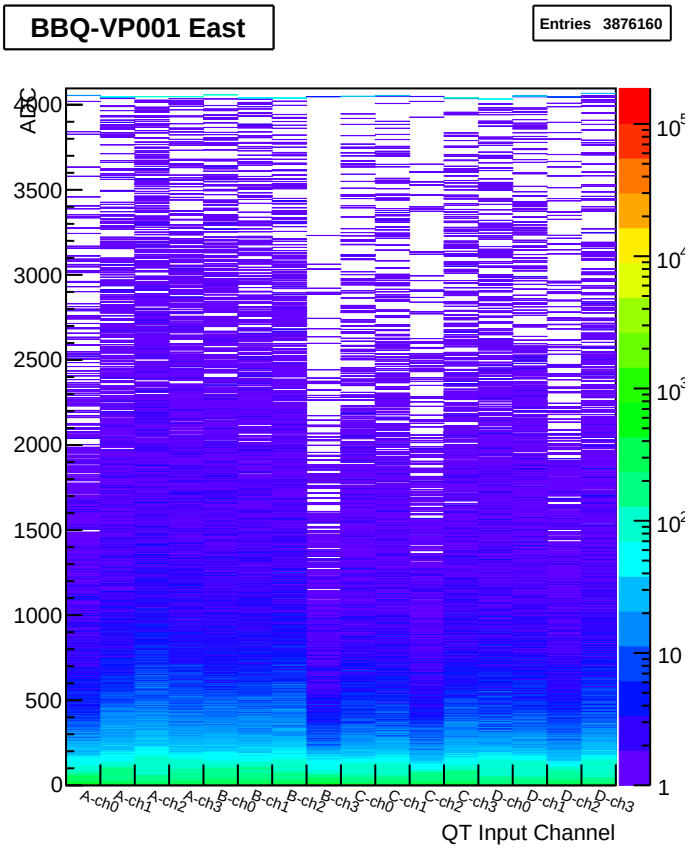

BBQ-BB001 (BBC east small tiles TAC)
Entries 3876160
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

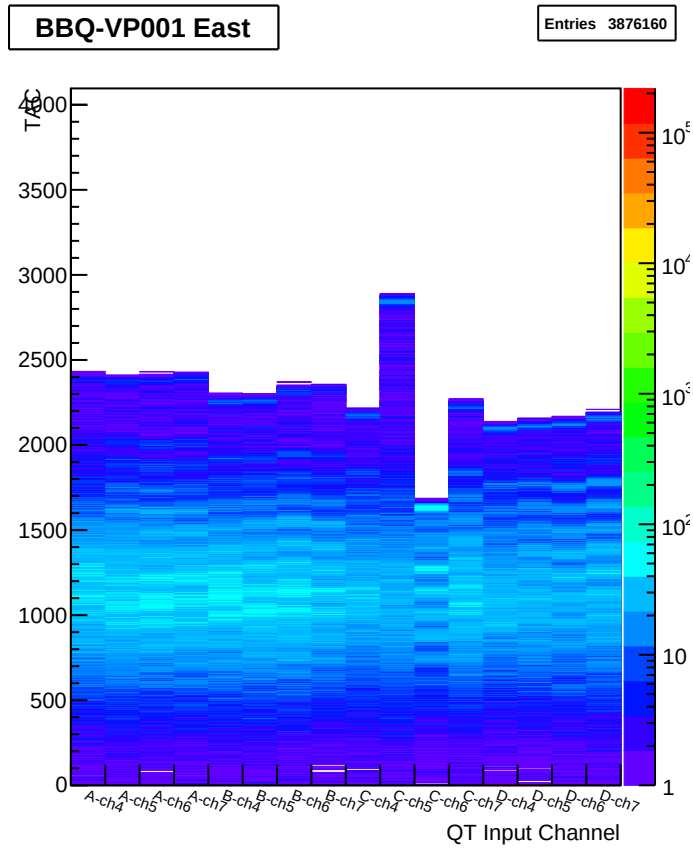

BBQ-BB002 (BBC west small tiles ADC)
Entries 3876160
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

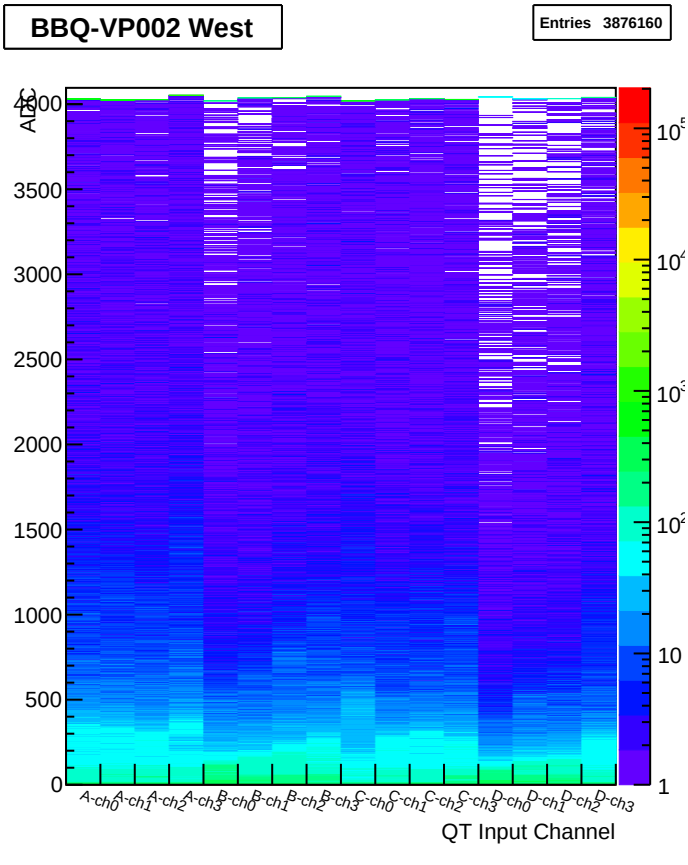

BBQ-BB002 (BBC west small tiles TAC)
Entries 3876160
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

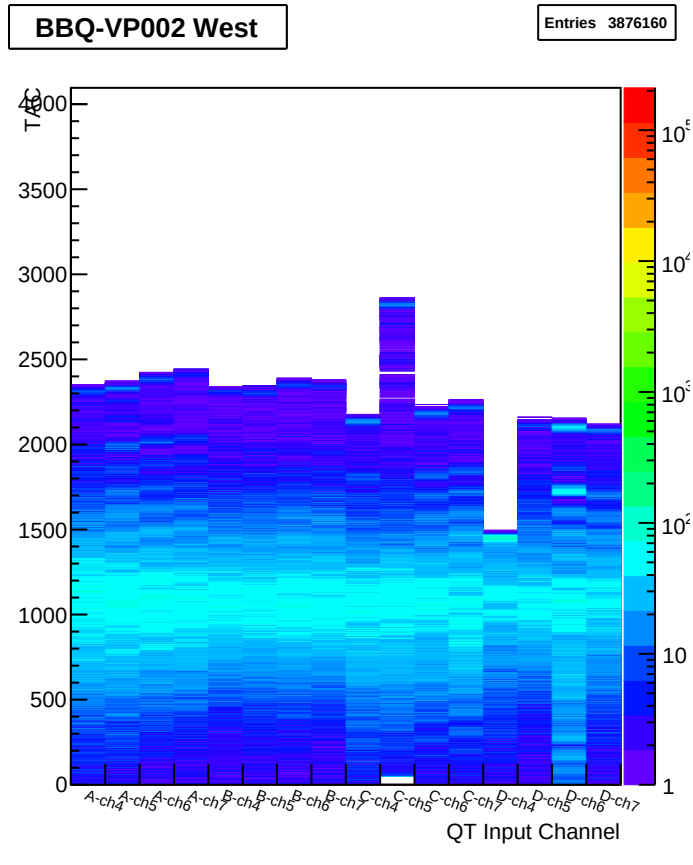

BBQ-ZD001 (ZDC TOWER)
Entries 3876160
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

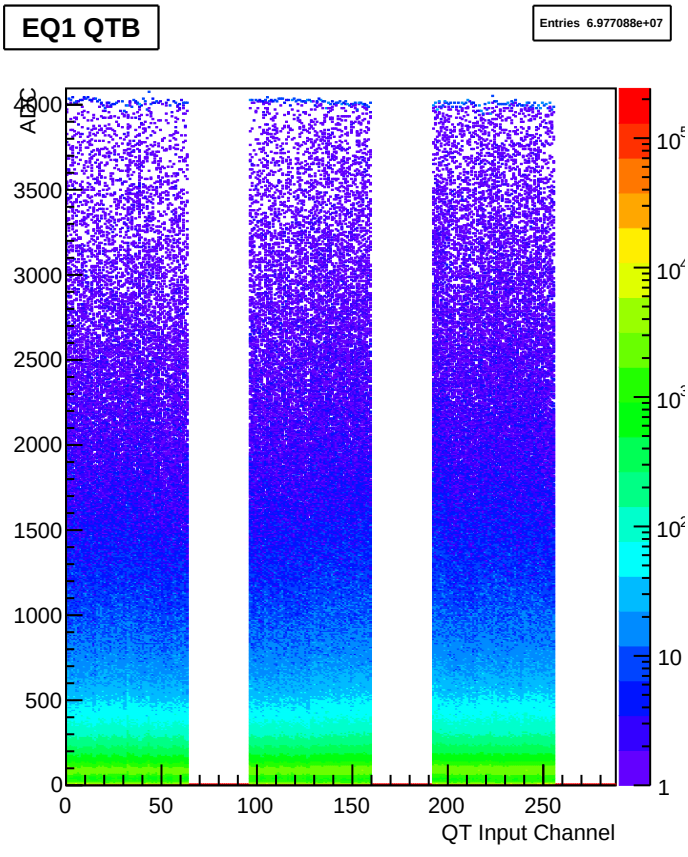

BBQ-ZD001 (ZDC TOWER)
Entries 3876160
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

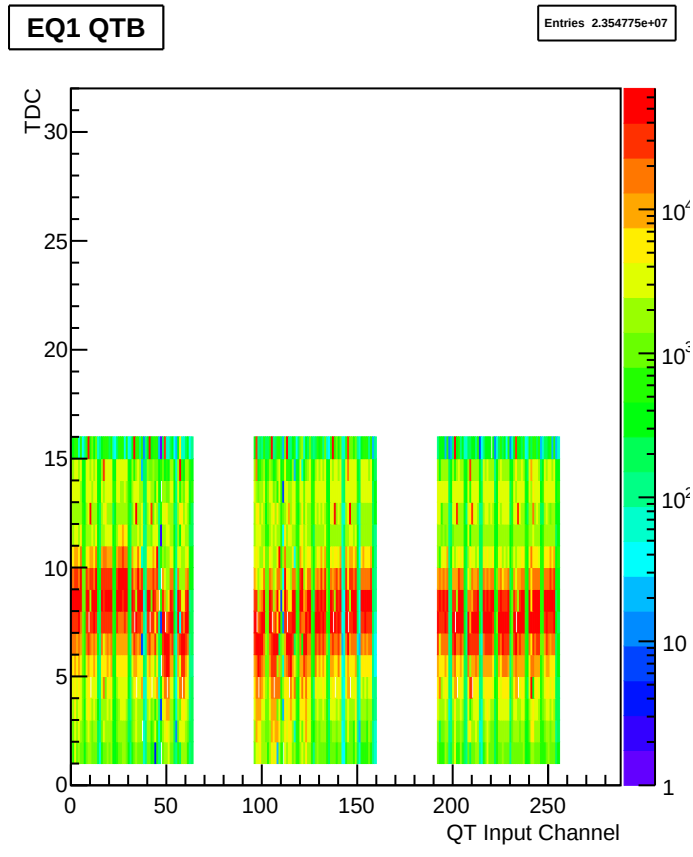

BBQ-VP001 East
Entries 3876160
ADC
QT Input Channel

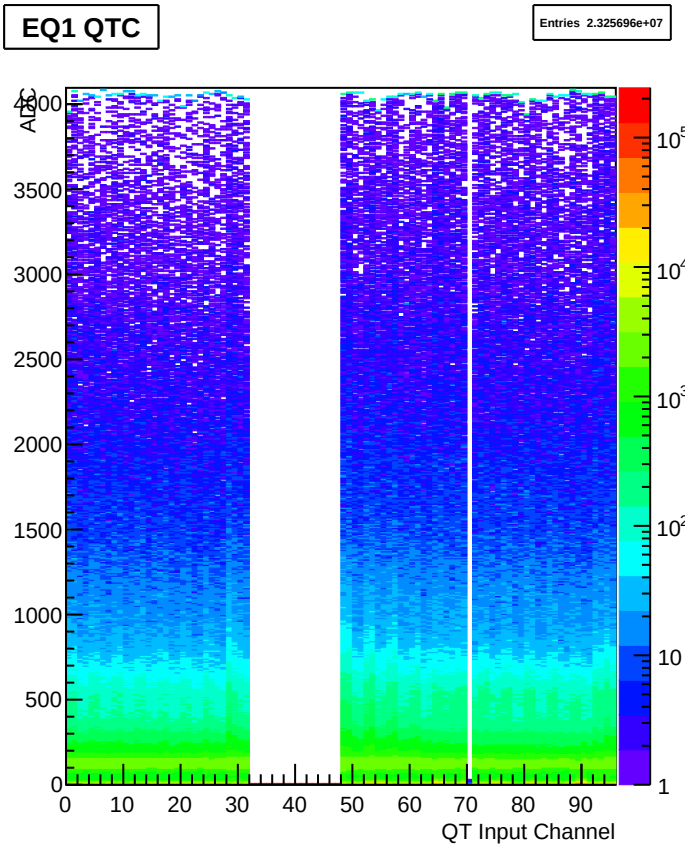

BBQ-VP001 East
Entries 3876160
TADC
QT Input Channel

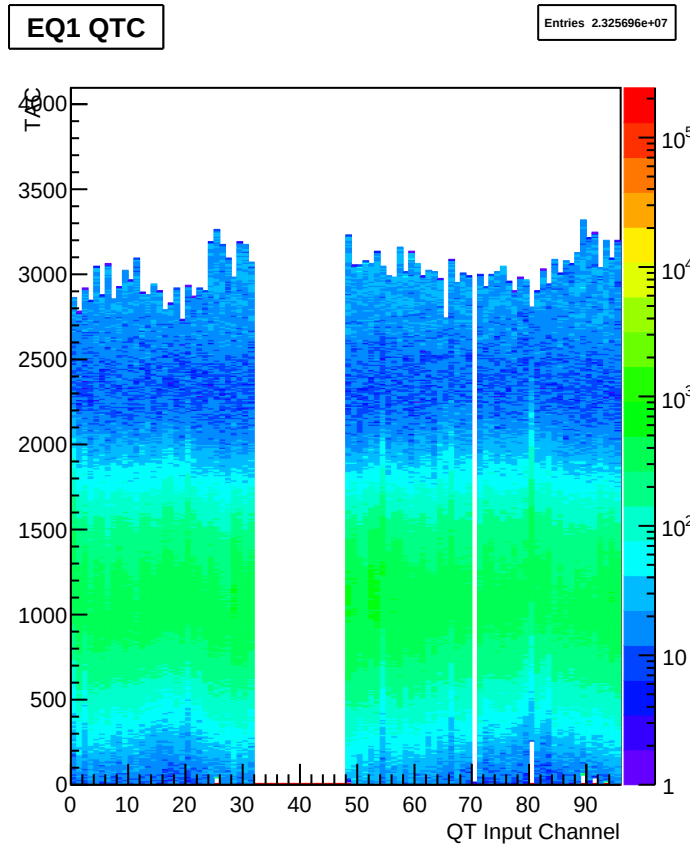

BBQ-VP002 West
Entries 3876160
ADC
QT Input Channel

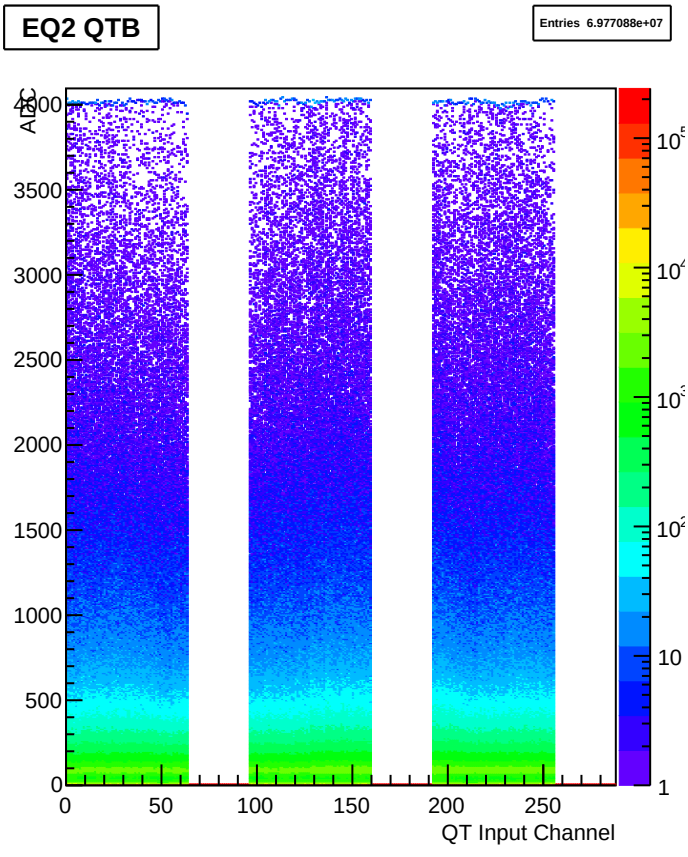

BBQ-VP002 West
Entries 3876160
TADC
QT Input Channel

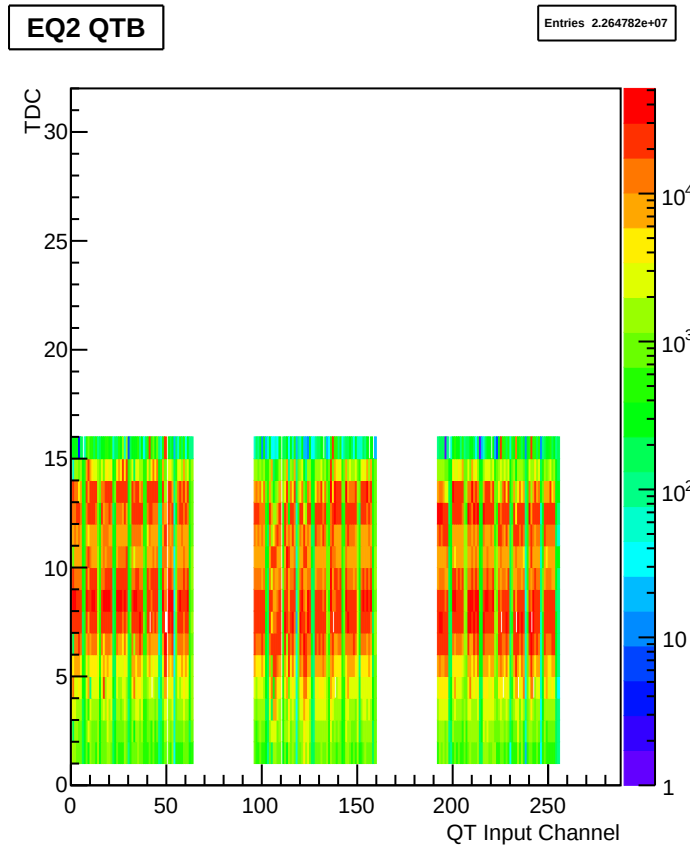

EQ1 QTB
Entries 6.977088e+07
ADC
QT Input Channel

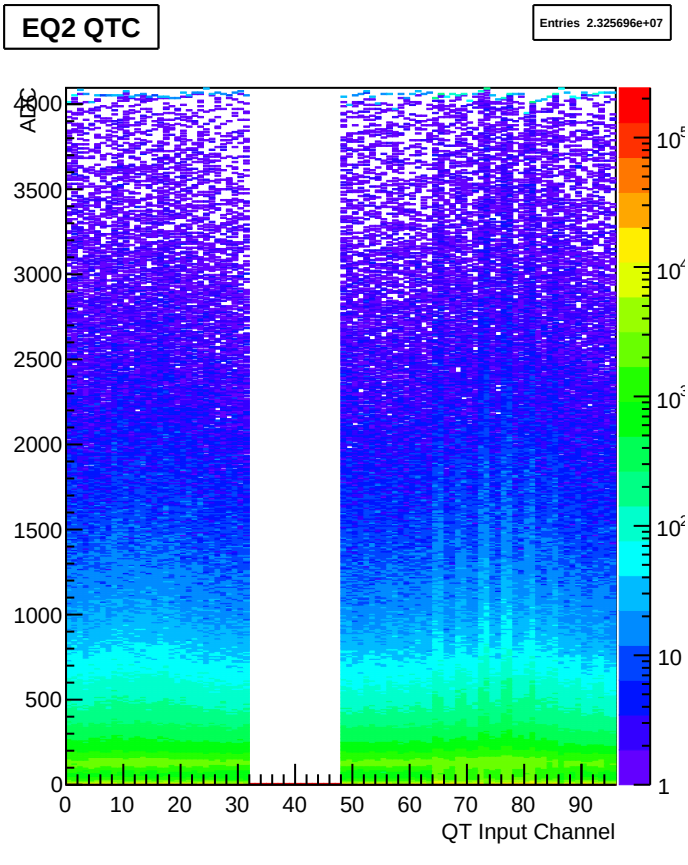

EQ1 QTB
Entries 2.354775e+07
TDC
QT Input Channel

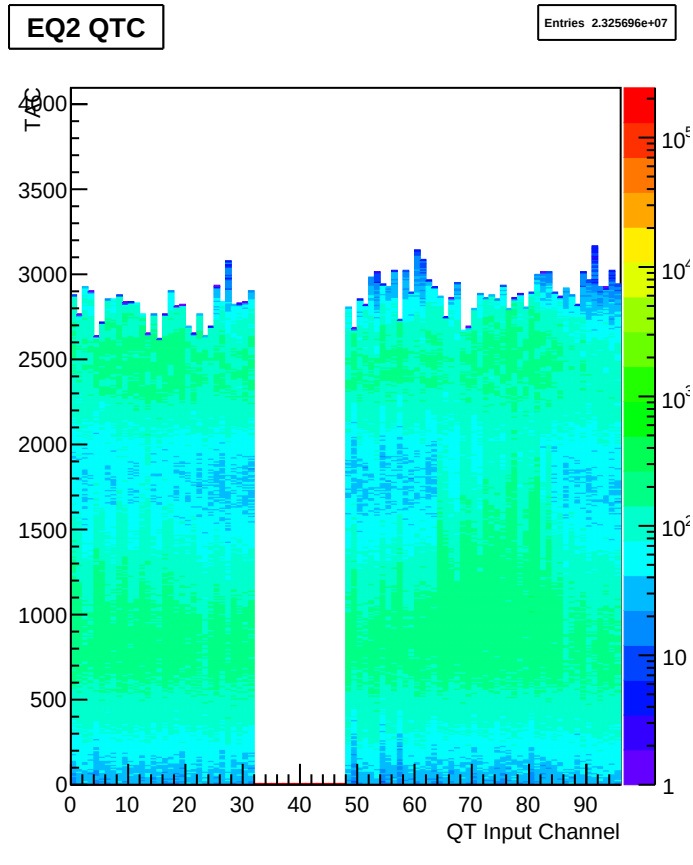

EQ1 QTC
Entries 2.325696e+07
ADC
QT Input Channel

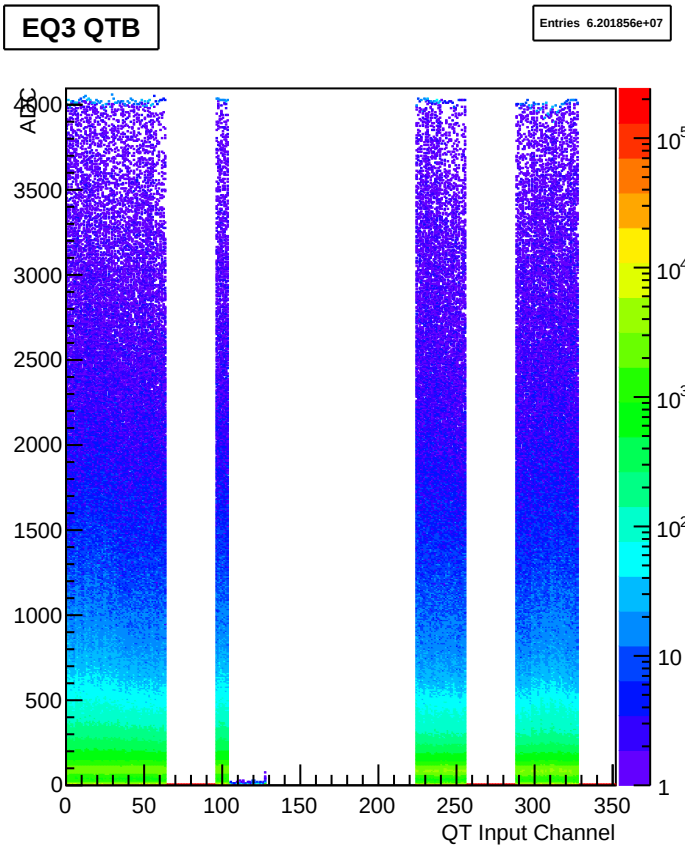

EQ1 QTC
Entries 2.325696e+07
TADC
QT Input Channel

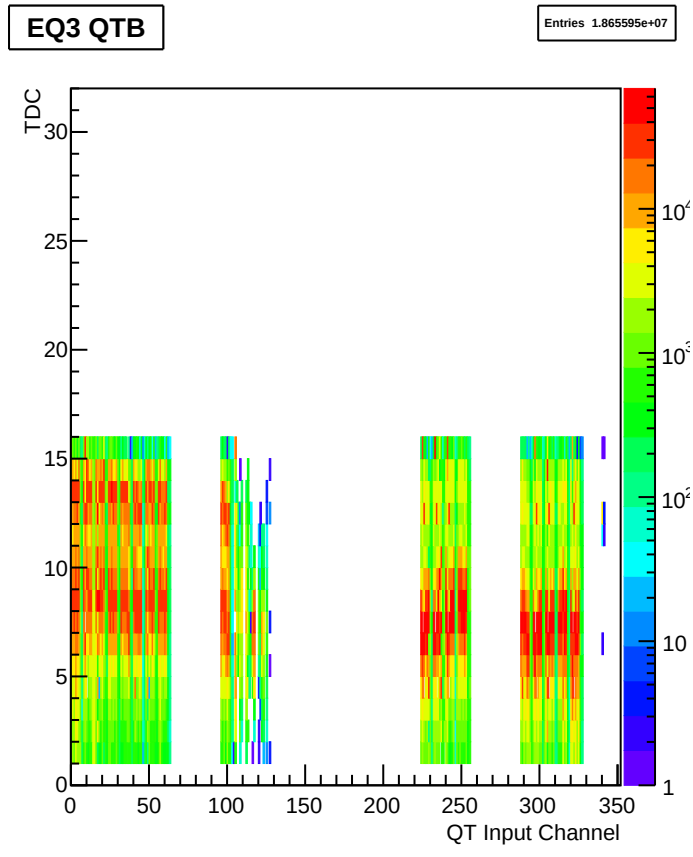

EQ2 QTB
Entries 6.977088e+07
ADC
QT Input Channel

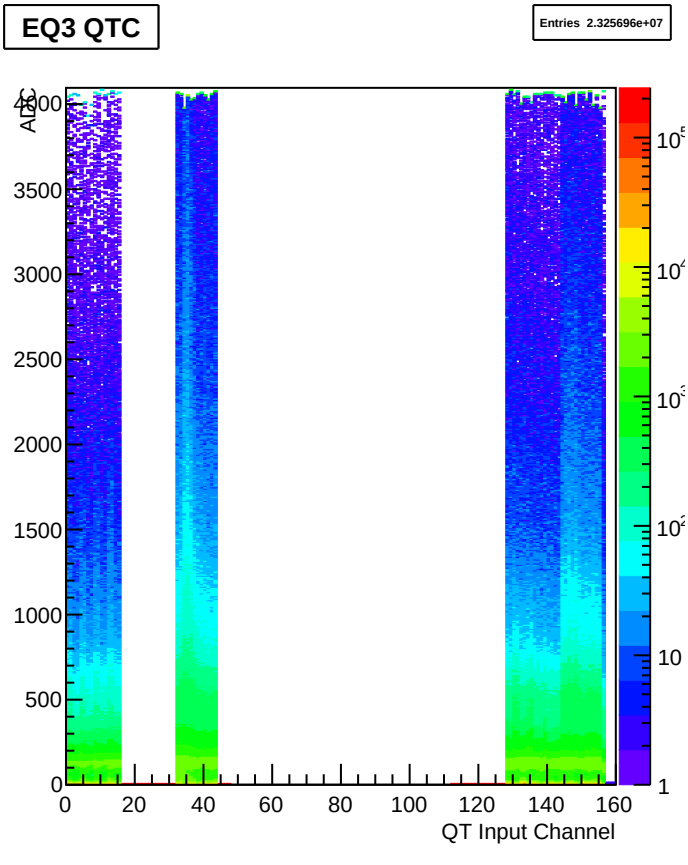

EQ2 QTB
Entries 2.264782e+07
TDC
QT Input Channel

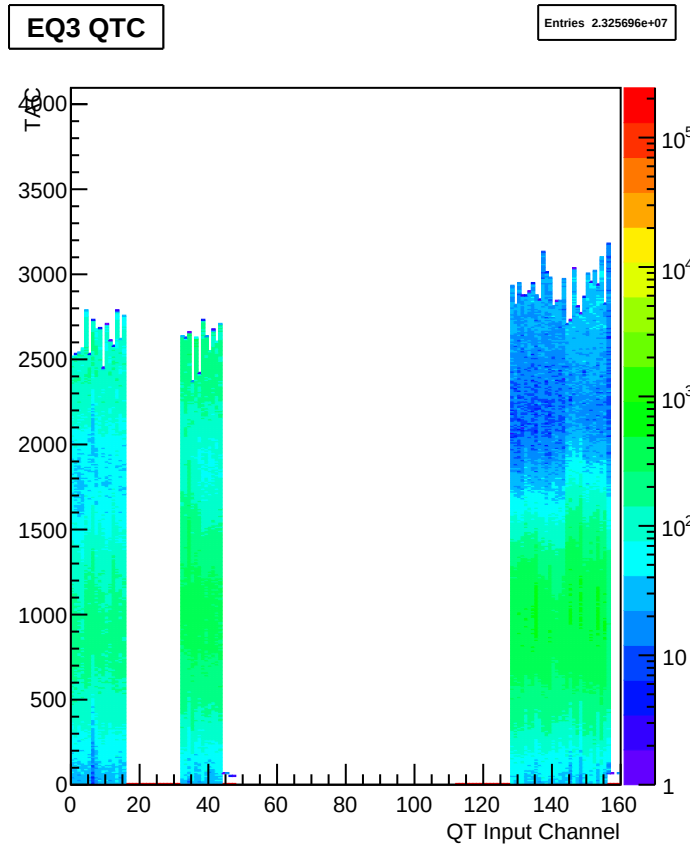

EQ2 QTC
Entries 2.325696e+07
ADC
QT Input Channel

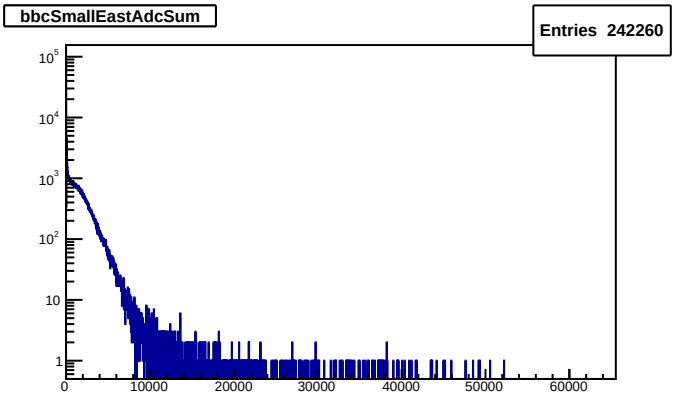

EQ2 QTC
Entries 2.325696e+07
TADC
QT Input Channel

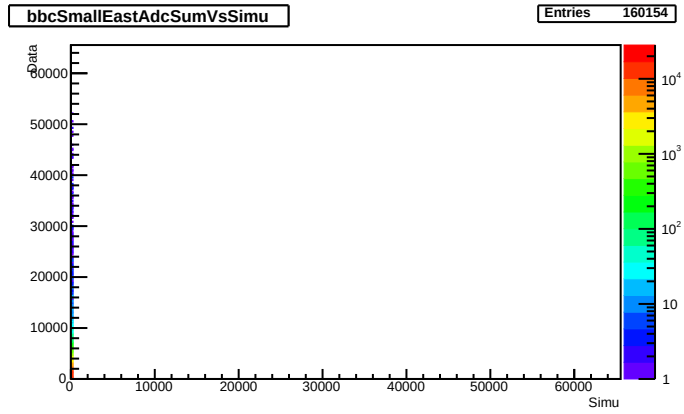

EQ3 QTB
Entries 6.201856e+07
ADC
QT Input Channel

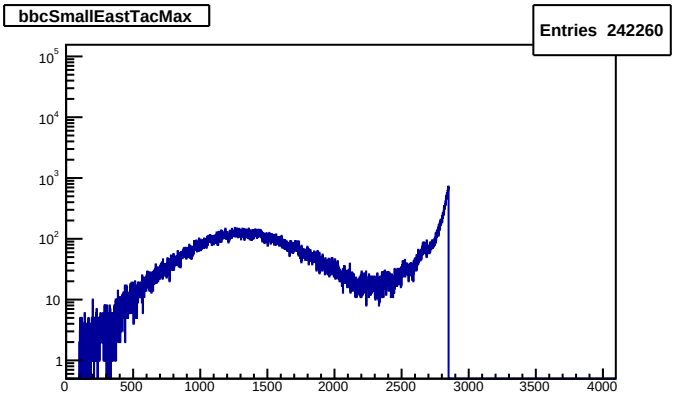

EQ3 QTB
Entries 1.865595e+07
TDC
QT Input Channel

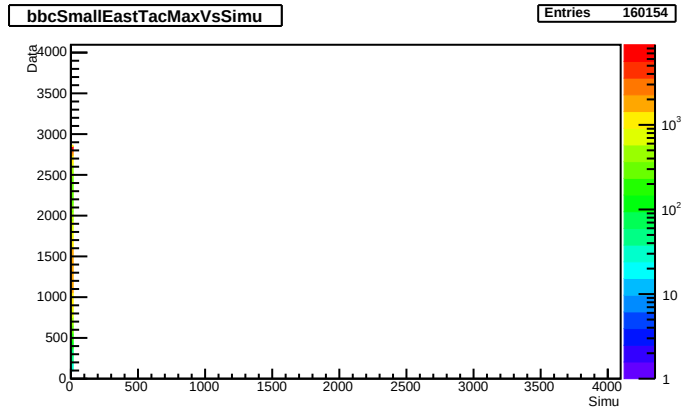

EQ3 QTC
Entries 2.325696e+07
ADC
QT Input Channel

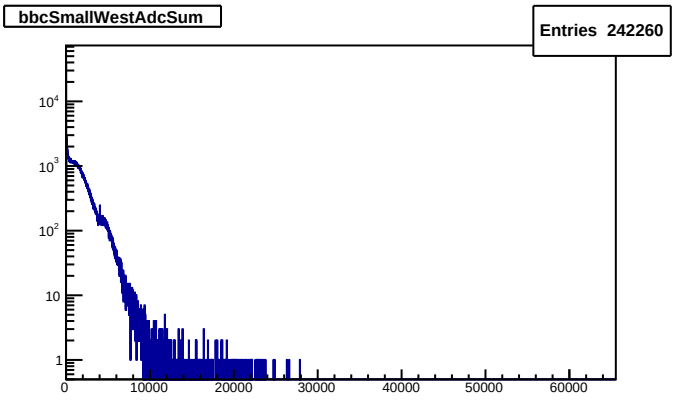

EQ3 QTC
Entries 2.325696e+07
TADC
QT Input Channel

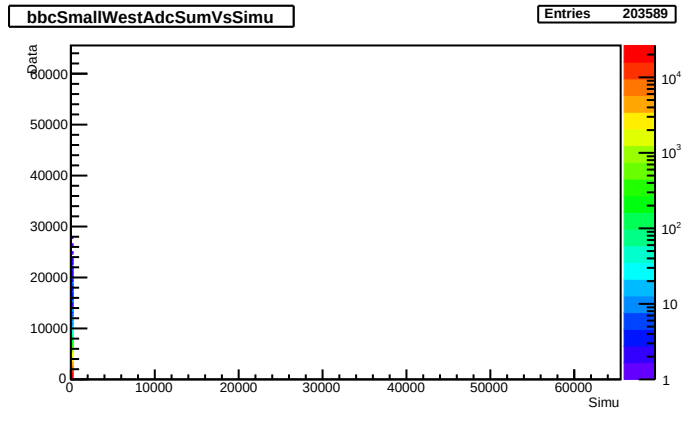

bbcSmallEastAdcSum
Entries 242260


bbcSmallEastAdcSumVsSimu
Entries 160154
Data
Simu


bbcSmallEastTacMax
Entries 242260


bbcSmallEastTacMaxVsSimu
Entries 160154
Data
Simu


bbcSmallWestAdcSum
Entries 242260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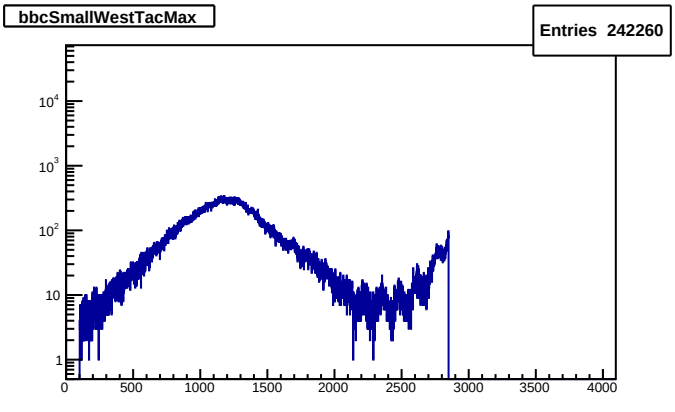
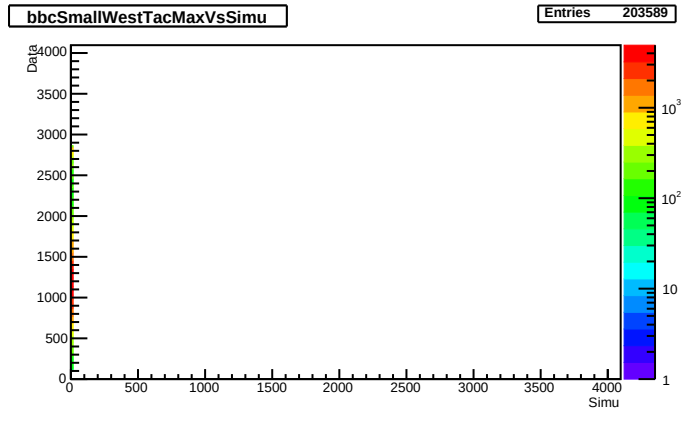
Entries 203589
Data
Simu


bbcSmallWestTacMax
Entries 242260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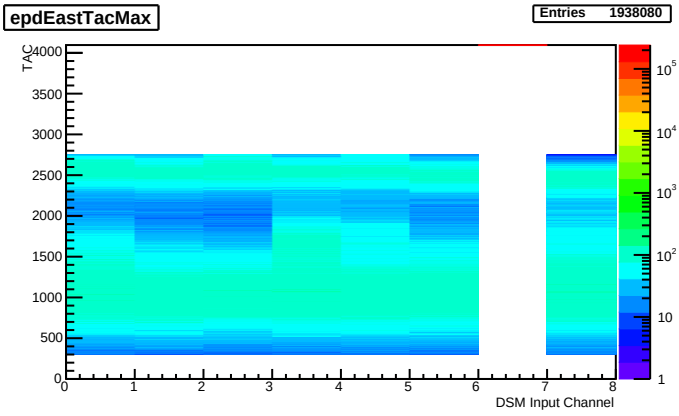
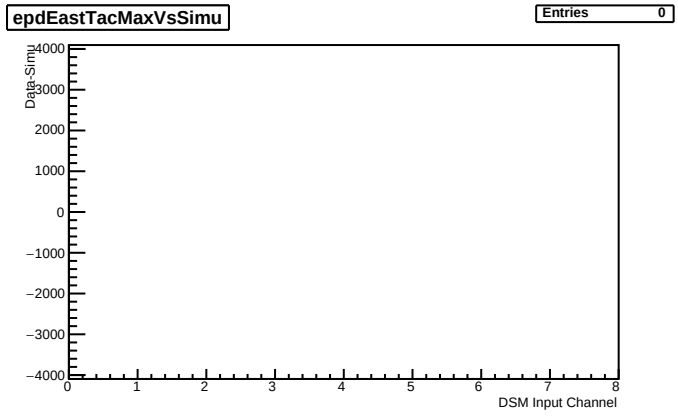
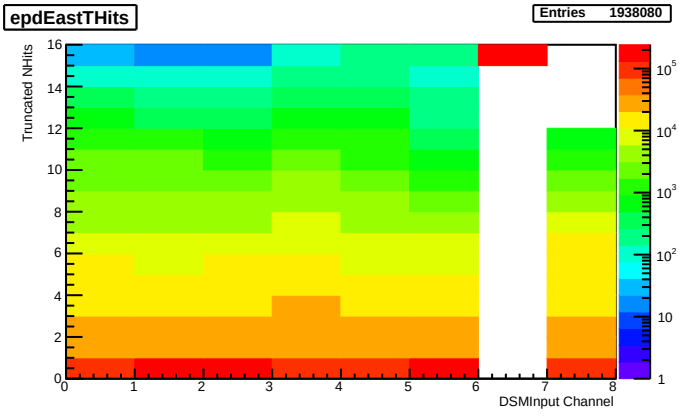
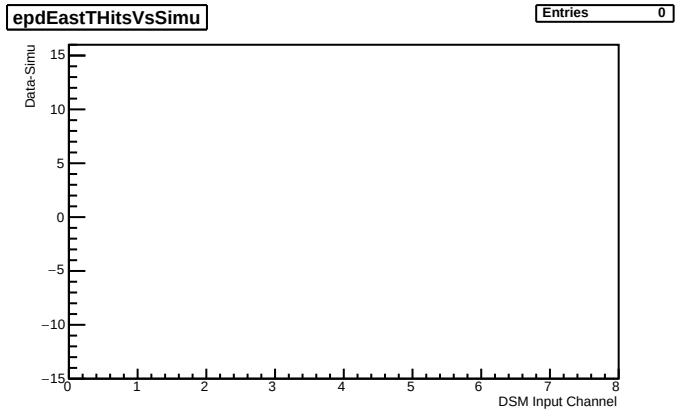
Entries 203589
Data
Simu


epdEastTacMax
Entries 1938080
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1938080
Truncated NHits
DSMInput Channel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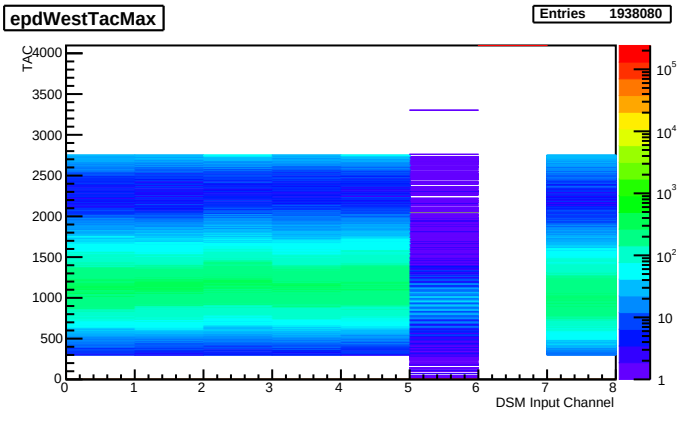
Data-Simu
DSM Input Channel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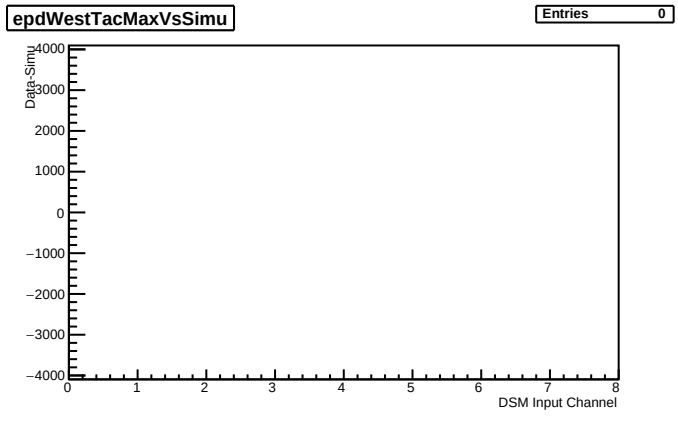
Entries 1938080
TAC
DSM Input Channel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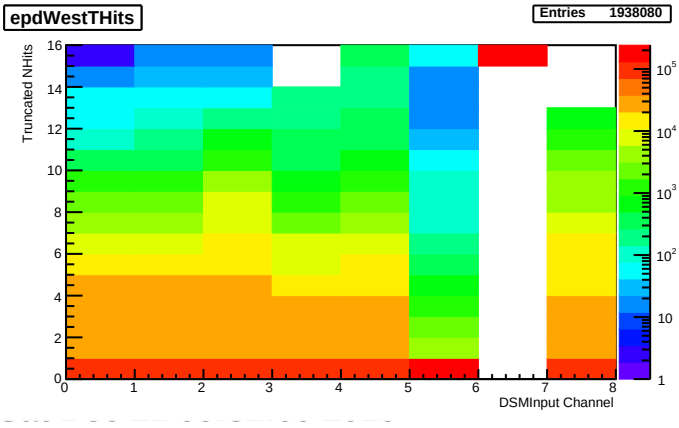
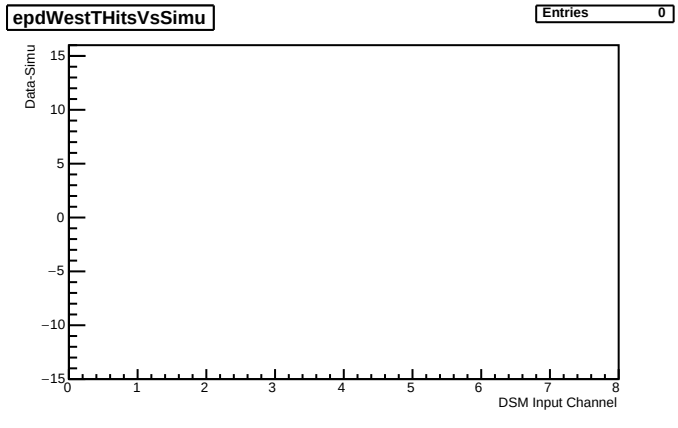
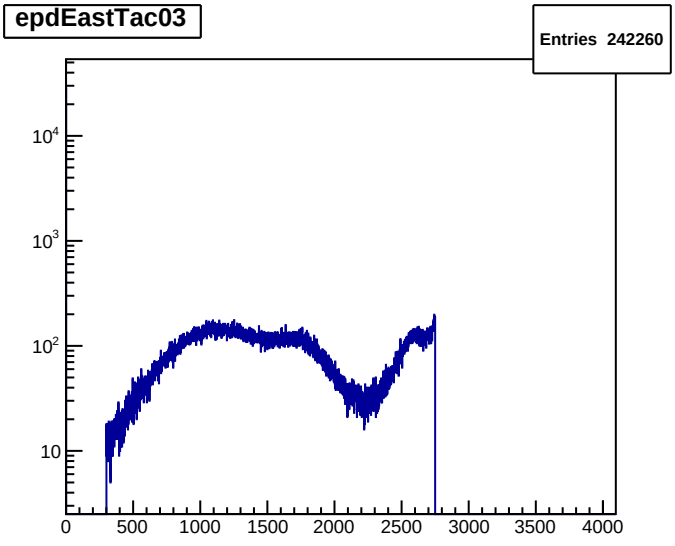
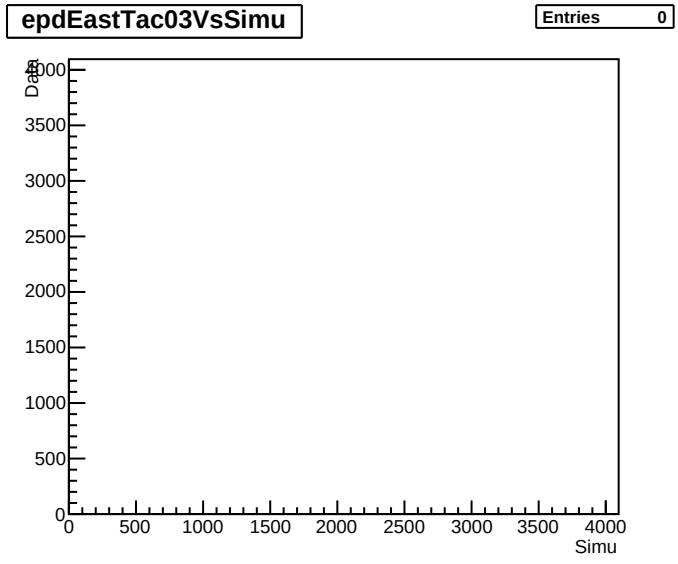
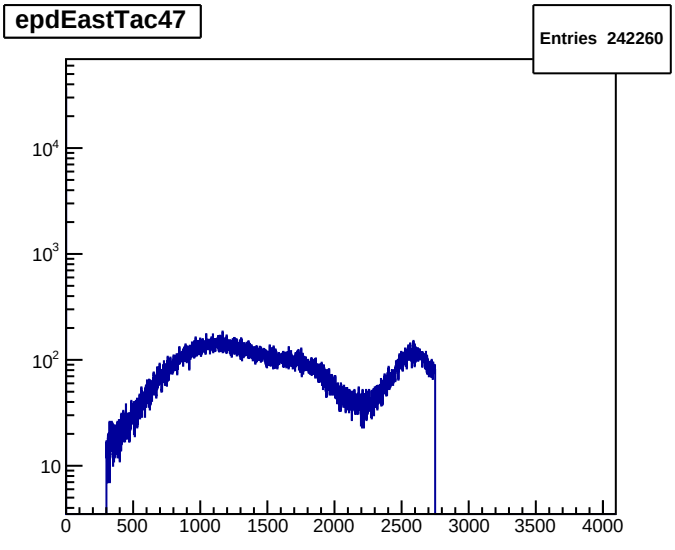
Entries 0
Data-Simu
DSM Input Channel

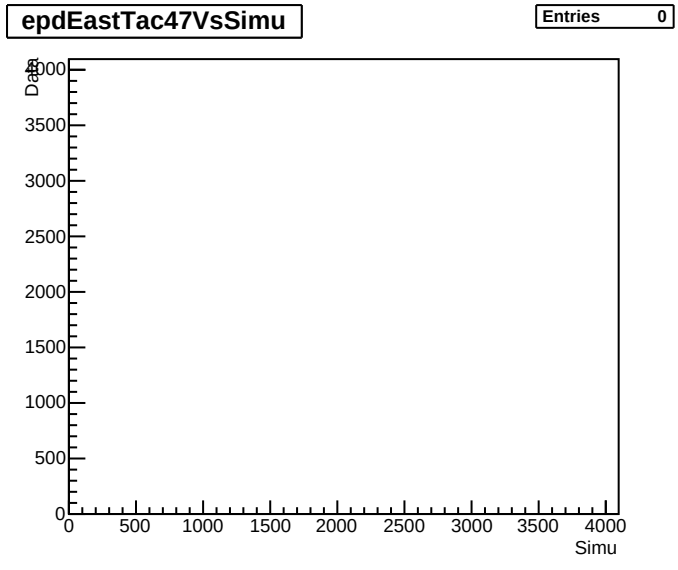

epdWestTHits
Entries 1938080
Truncated NHits
DSMInput Channel

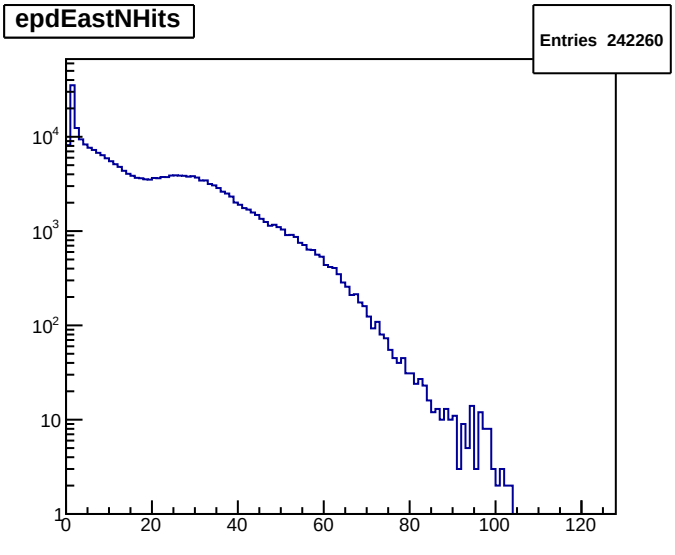

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

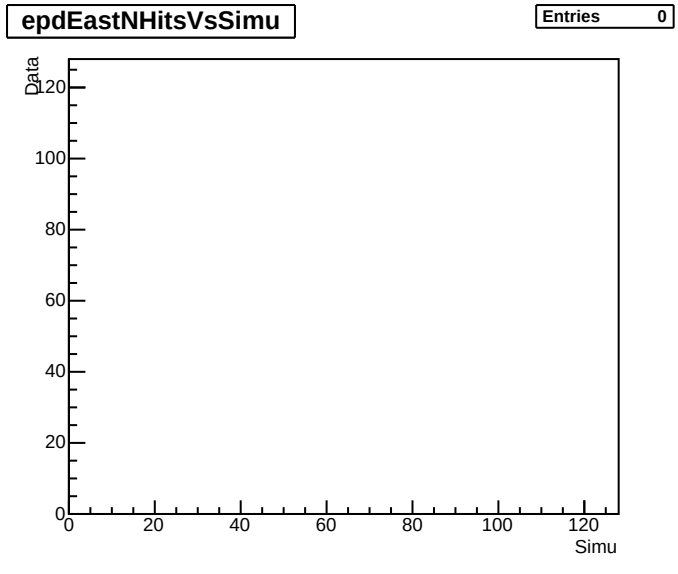

epdEastTac03
Entries 242260


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 242260


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 242260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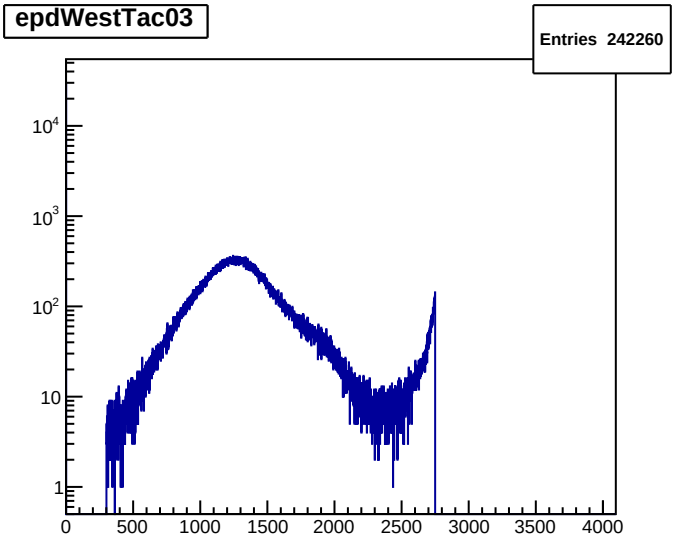
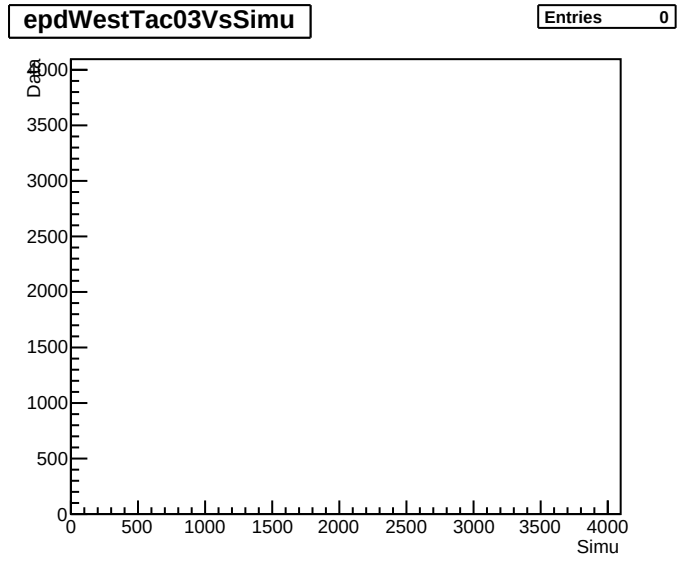
Entries 0
Data
Simu


epdWestTac03
Entries 242260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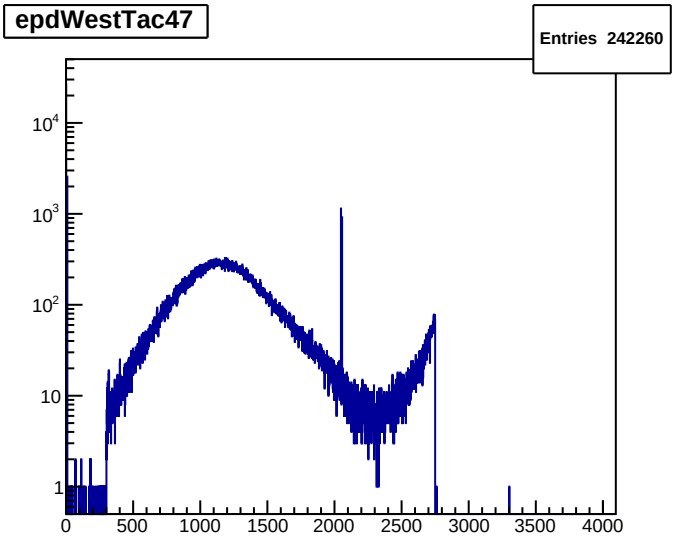
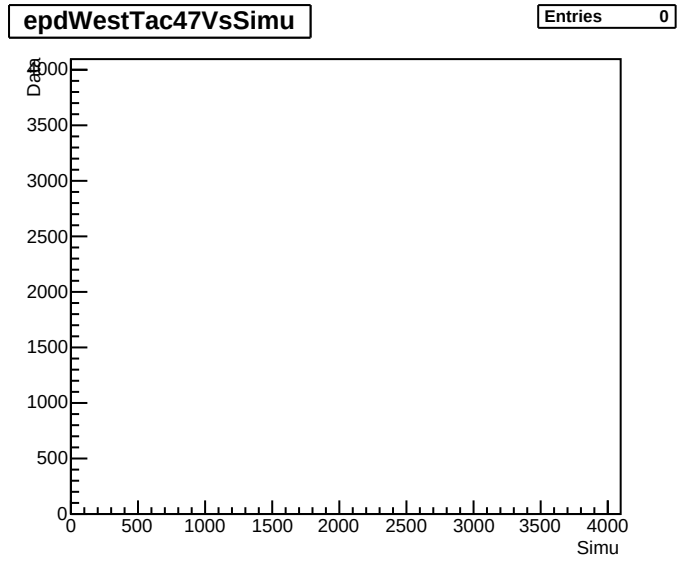
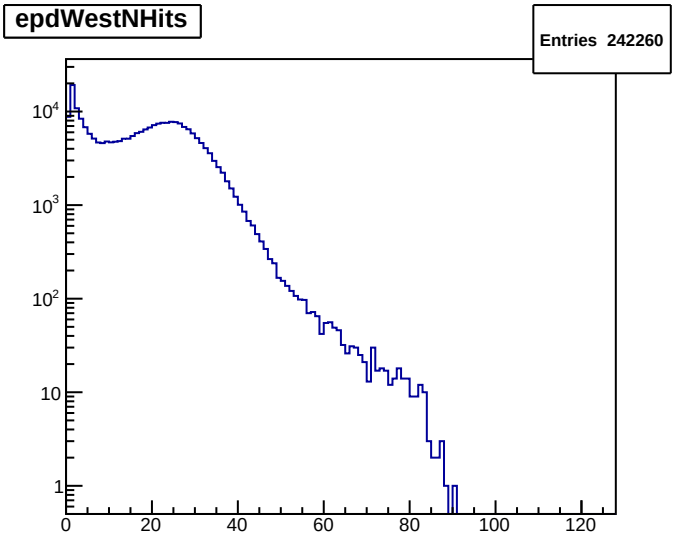
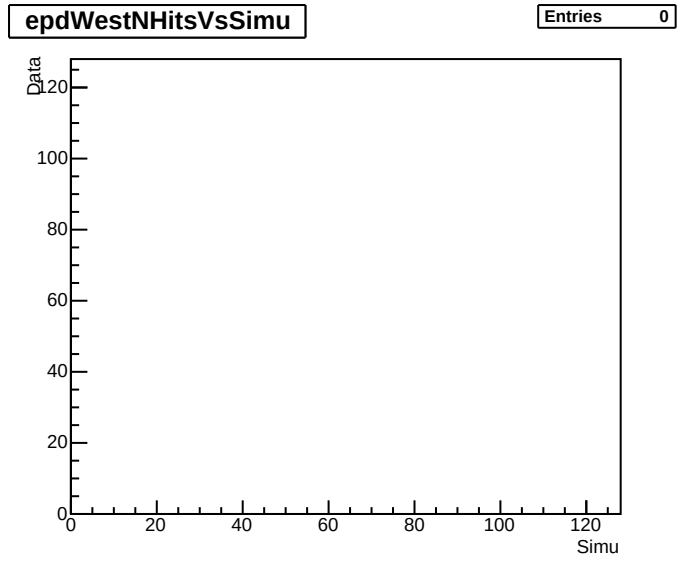
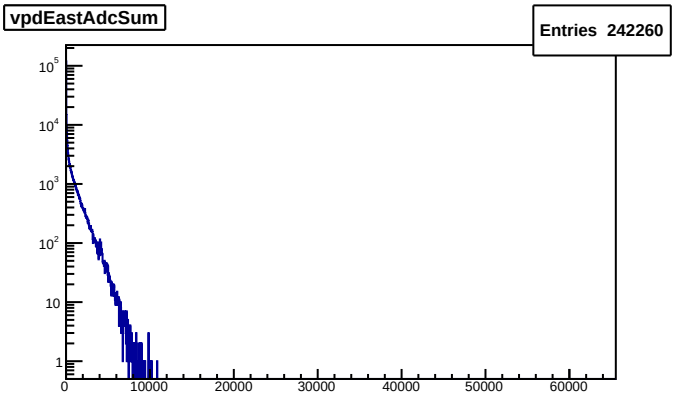
Entries 0
Data
Simu

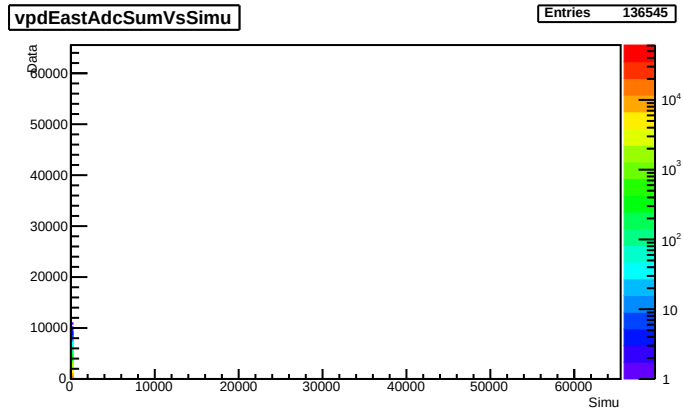

epdWestTac47
Entries 242260

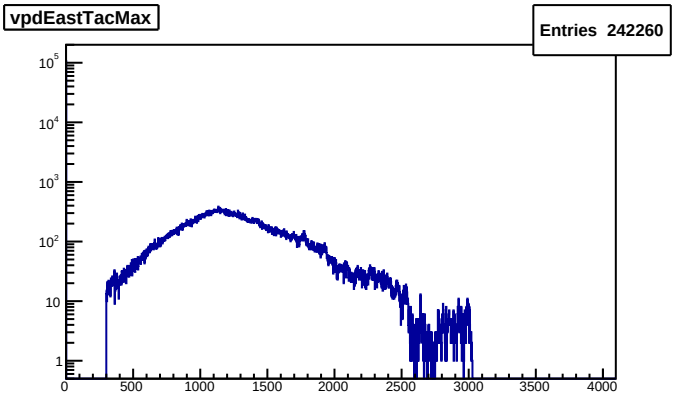

epdWestTac47VsSimu
Entries 0
Data
Simu

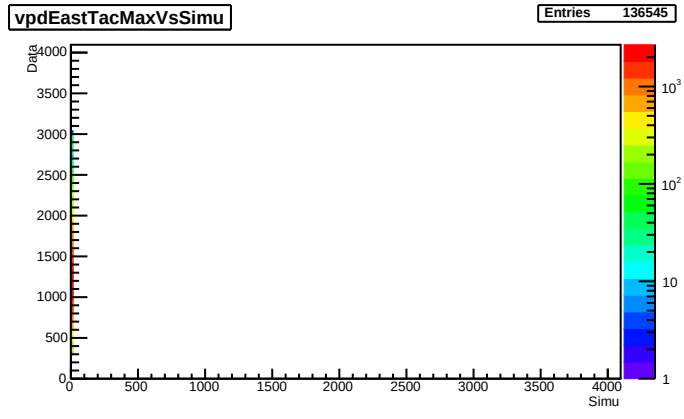

epdWestNHits
Entries 242260

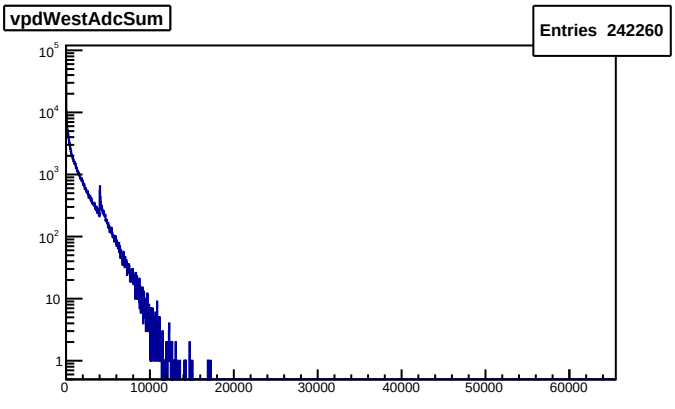

epdWestNHitsVsSimu
Entries 0
Data
Simu

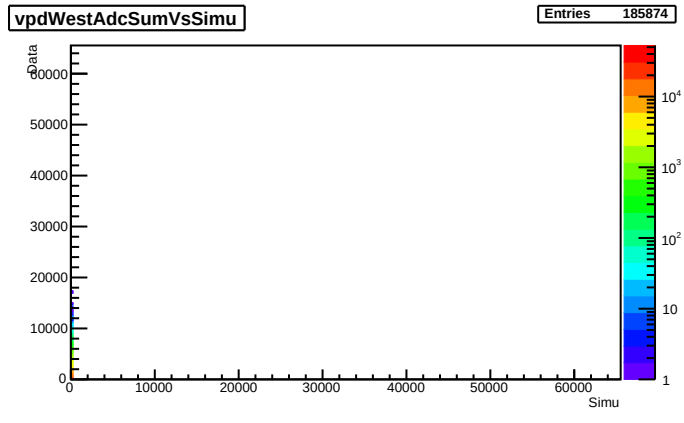

vpdEastAdcSum
Entries 242260

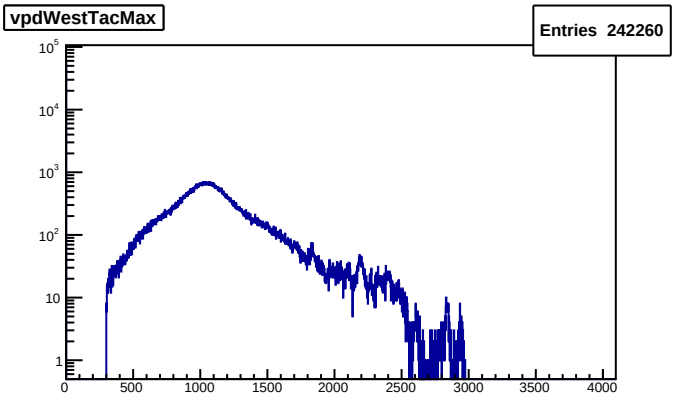

vpdEastAdcSumVsSimu
Entries 136545
Data
Simu

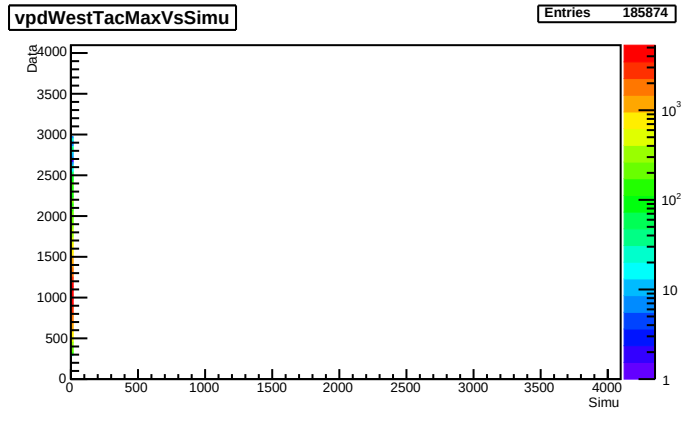

vpdEastTacMax
Entries 242260

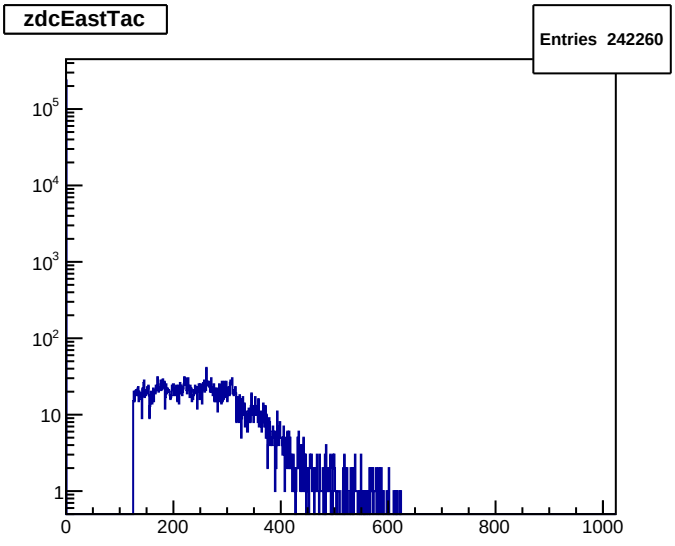

vpdEastTacMaxVsSimu
Entries 136545
Data
Simu

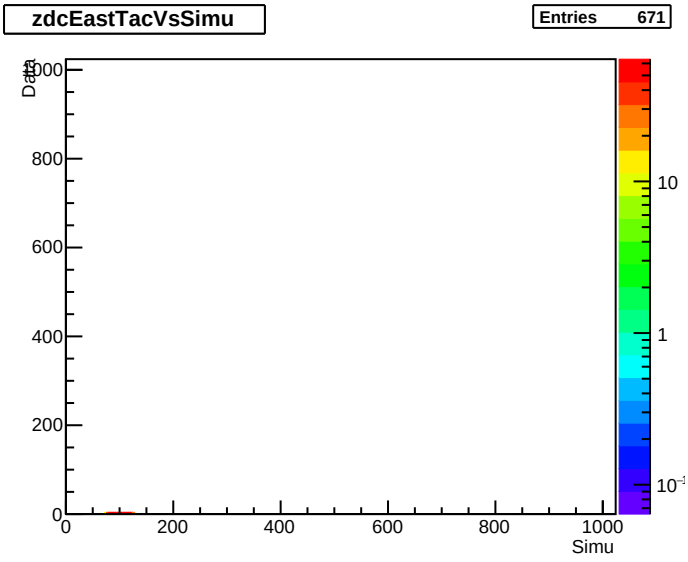

vpdWestAdcSum
Entries 242260

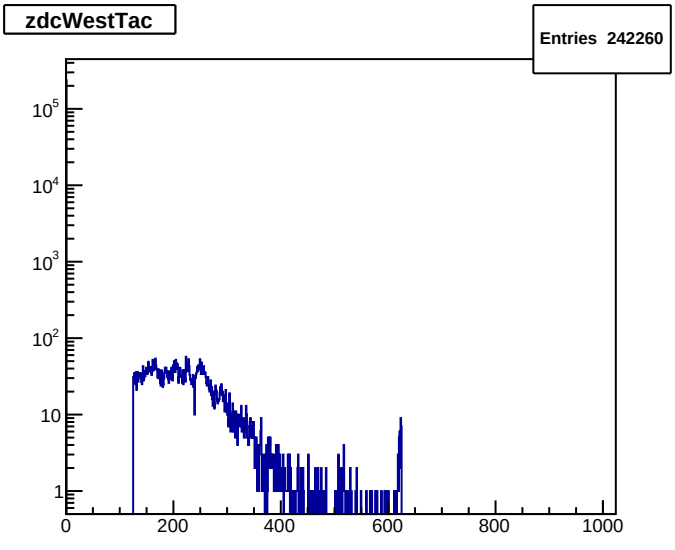

vpdWestAdcSumVsSimu
Entries 185874
Data
Simu

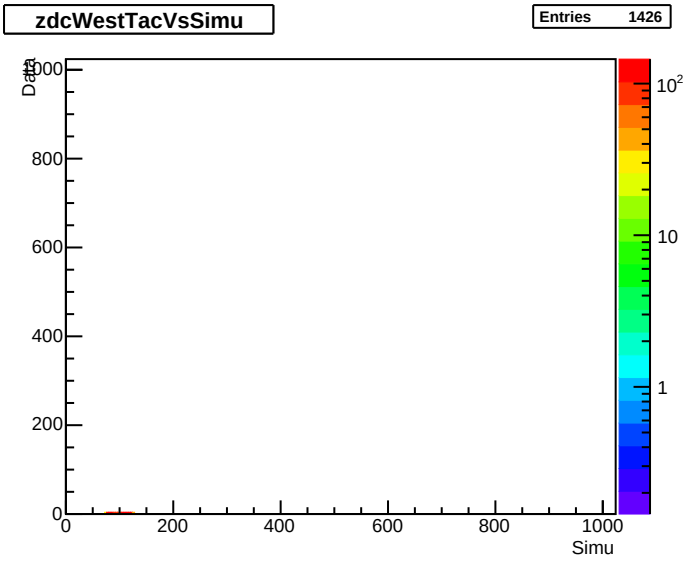

vpdWestTacMax
Entries 242260

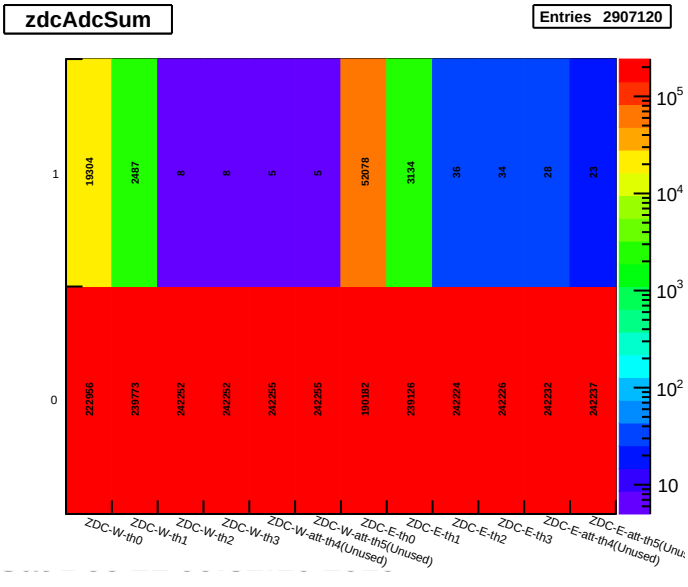

vpdWestTacMaxVsSimu
Entries 185874
Data
Simu

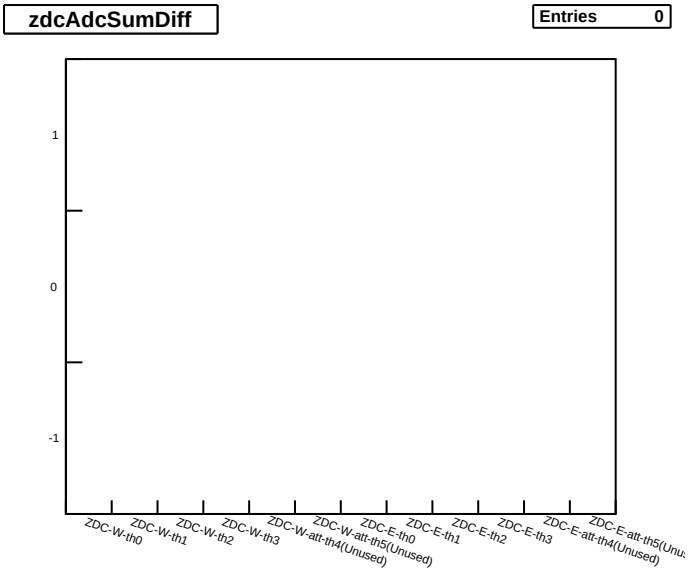

zdcEastTac
Entries 242260

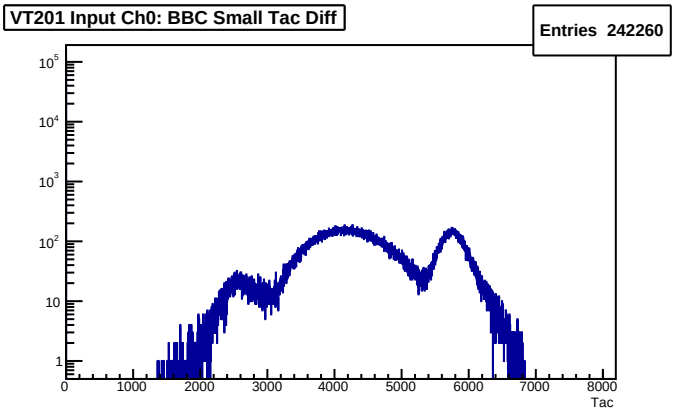

zdcEastTacVsSimu
Entries 671
Data
Simu

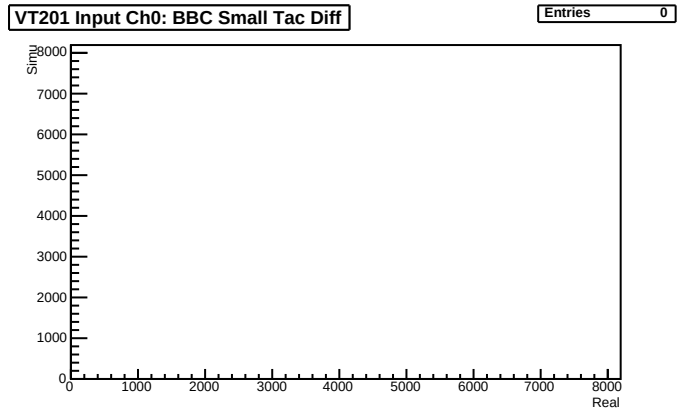

zdcWestTac
Entries 242260

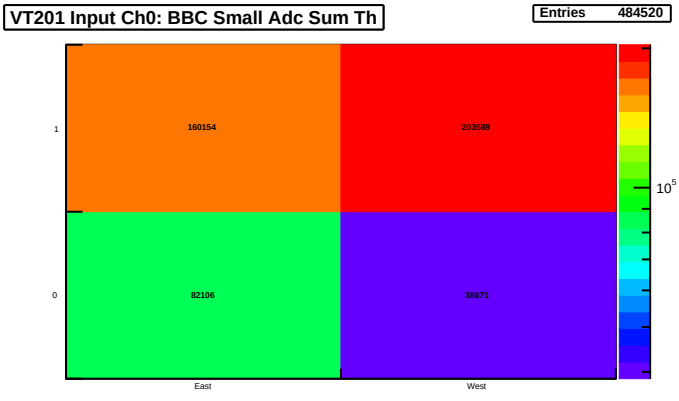

zdcWestTacVsSimu
Entries 1426
Data
Simu

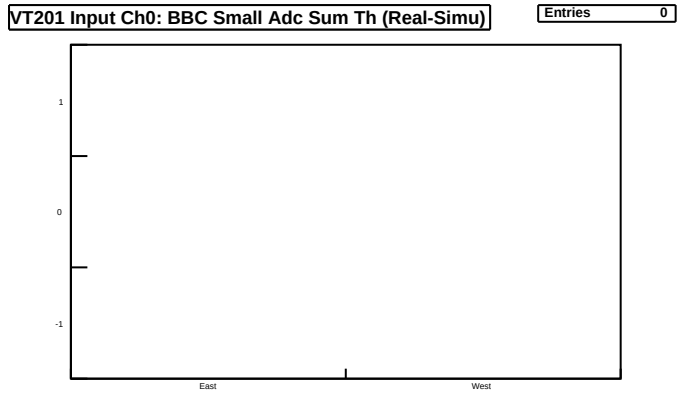

zdcAdcSum
Entries 2907120
19304
2487
8
8
5
5
52078
3134
36
34
28
23
222566
239773
242252
242252
242255
242255
190182
239126
242224
242226
242232
242237
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

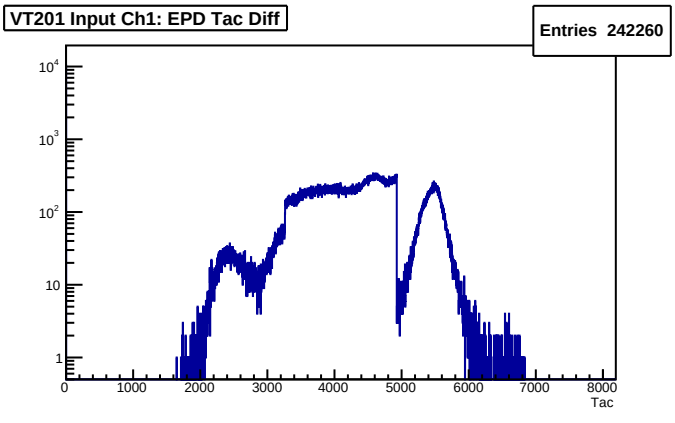

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

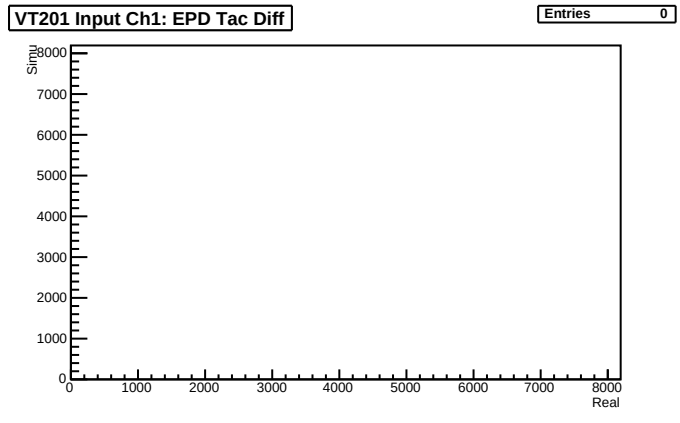

VT201 Input Ch0: BBC Small Tac Diff
Entries 242260
Tac

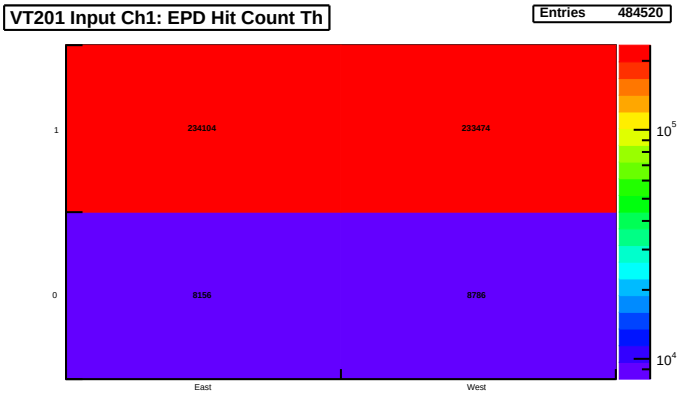

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

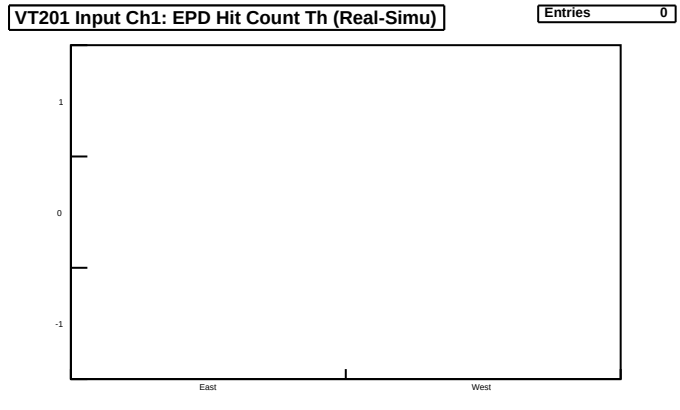

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 484520
160154
203589
82106
38671
East
West

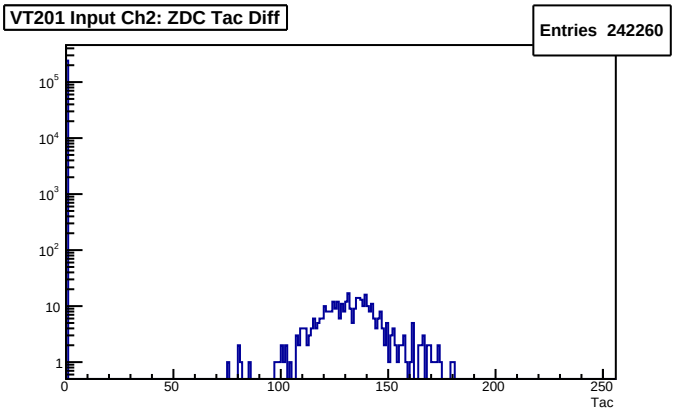

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

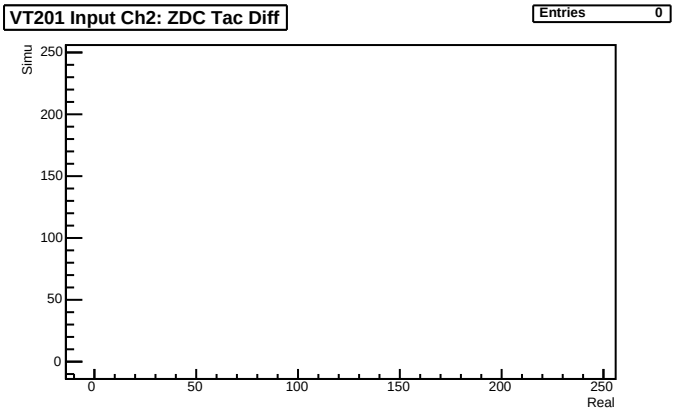

VT201 Input Ch1: EPD Tac Diff
Entries 242260
Tac

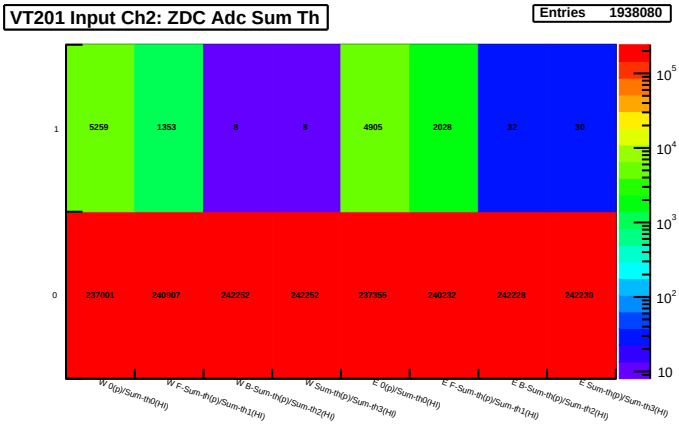

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

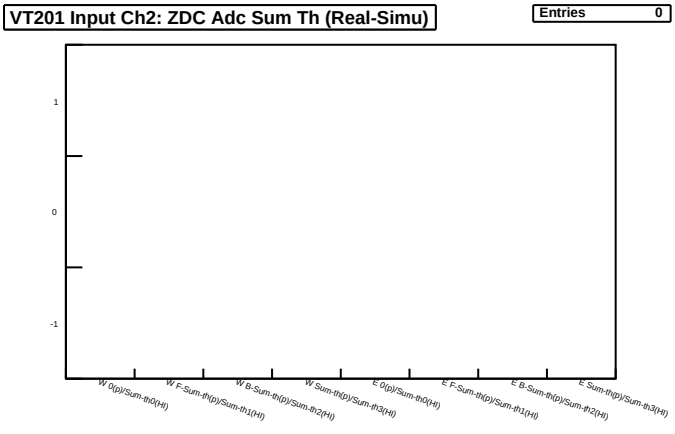

VT201 Input Ch1: EPD Hit Count Th
Entries 484520
234104
233474
8156
8786
East
West

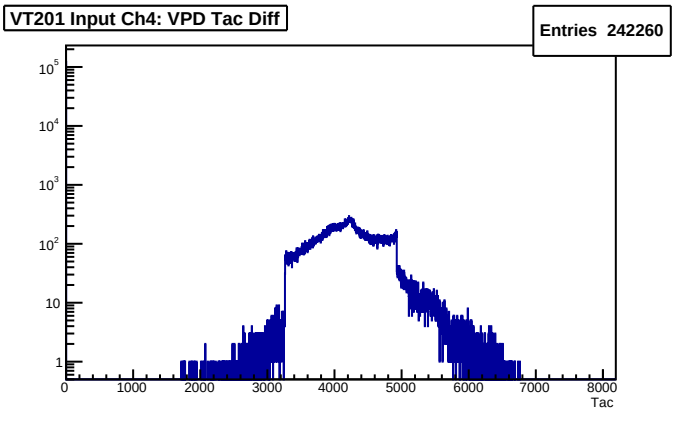

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

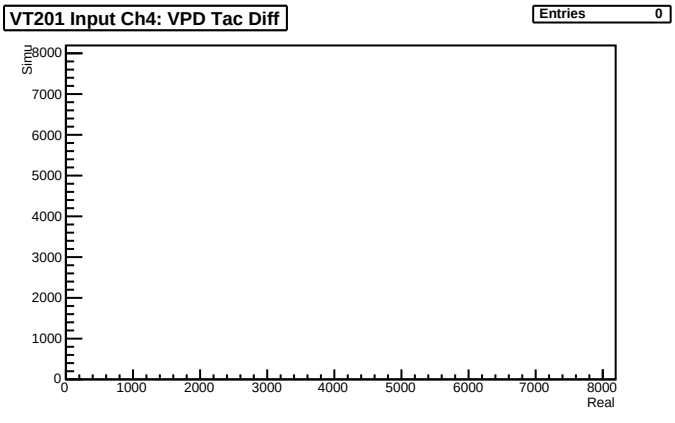

VT201 Input Ch2: ZDC Tac Diff
Entries 242260
Tac

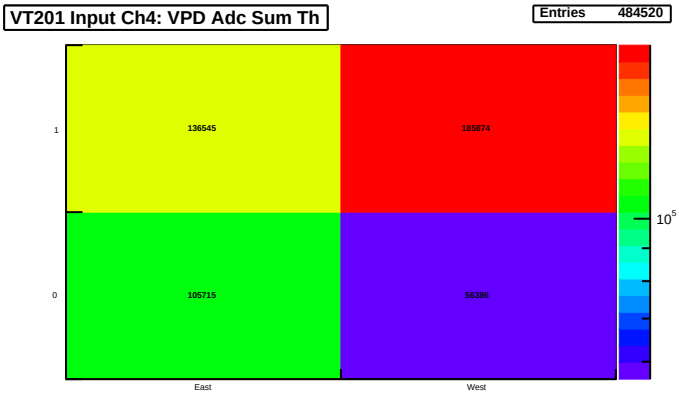

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

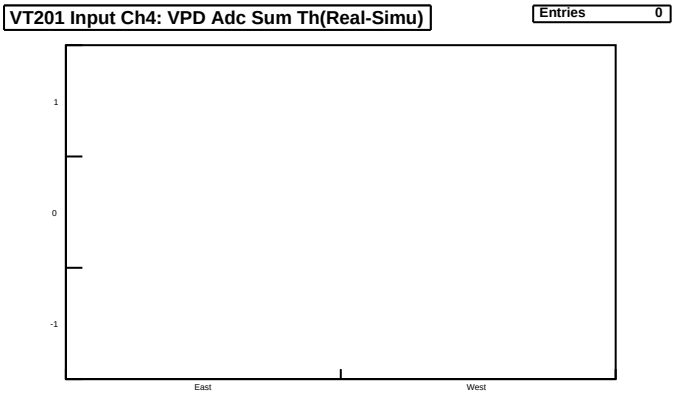

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1938080
5259
1353
8
8
4905
2028
32
30
237001
240907
242252
242252
237355
240232
242228
242230
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

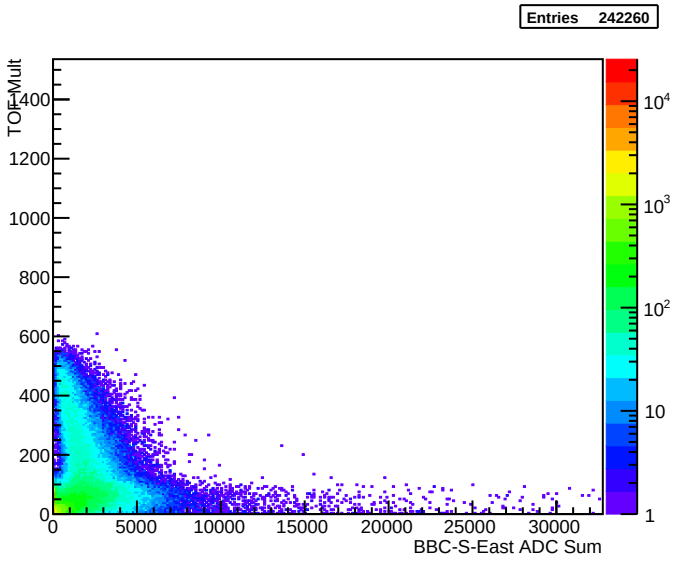

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

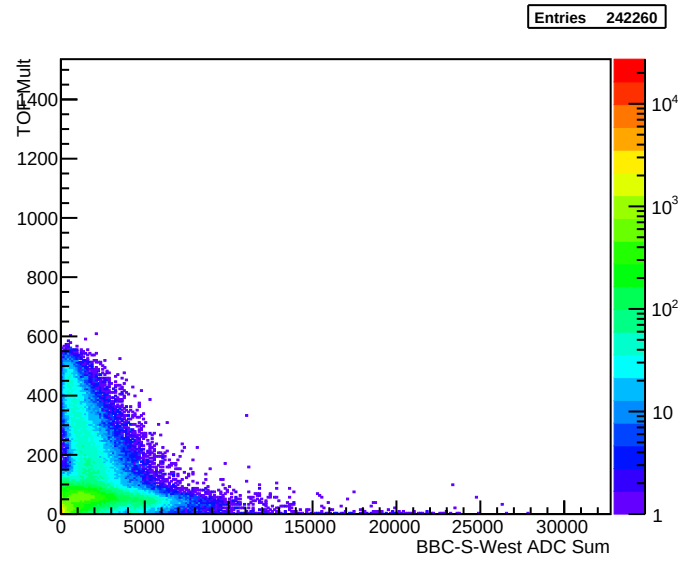

VT201 Input Ch4: VPD Tac Diff
Entries 242260
Tac

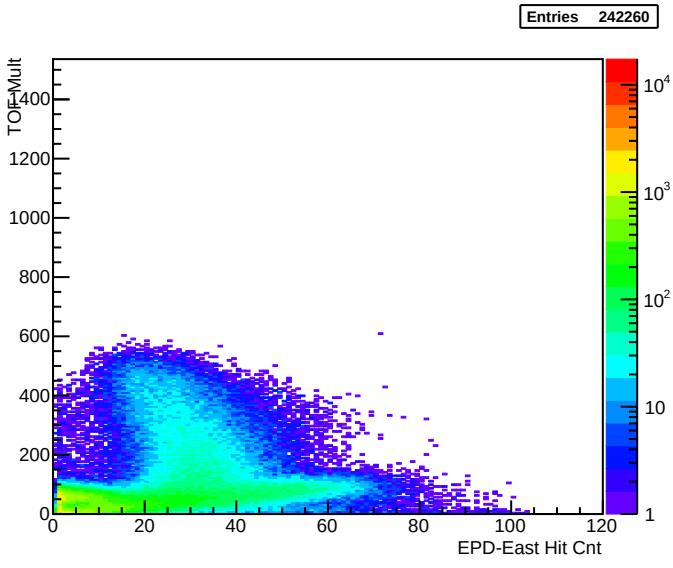

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

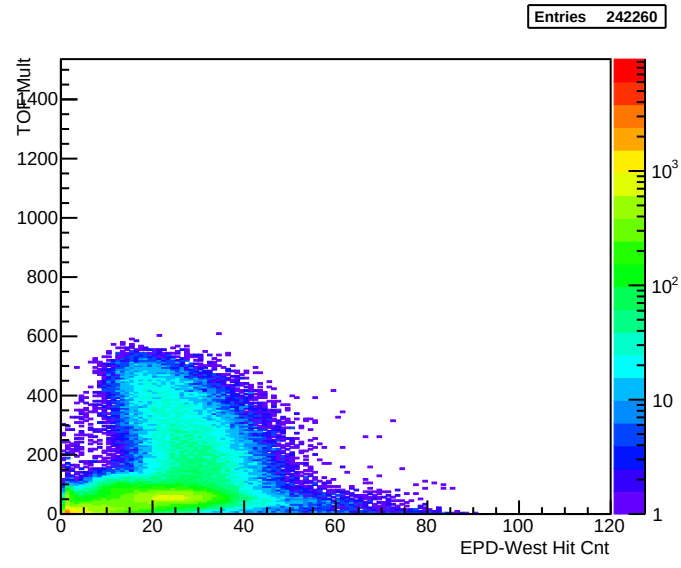

VT201 Input Ch4: VPD Adc Sum Th
Entries 484520
136545
185874
105715
56386
East
West

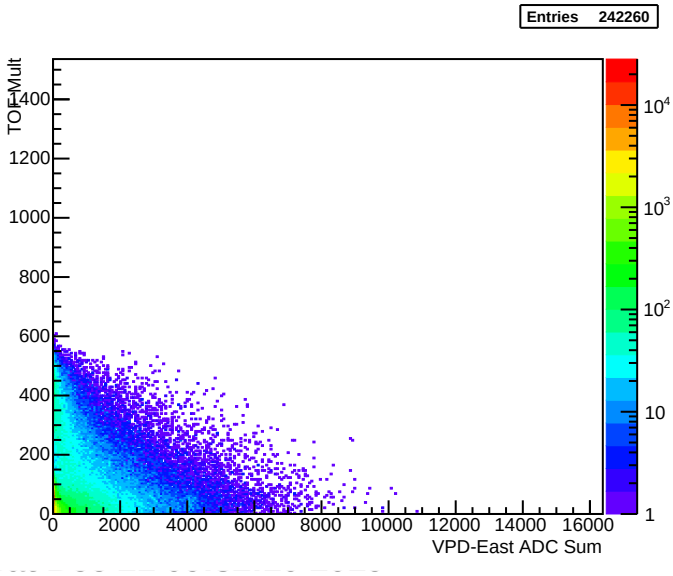

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

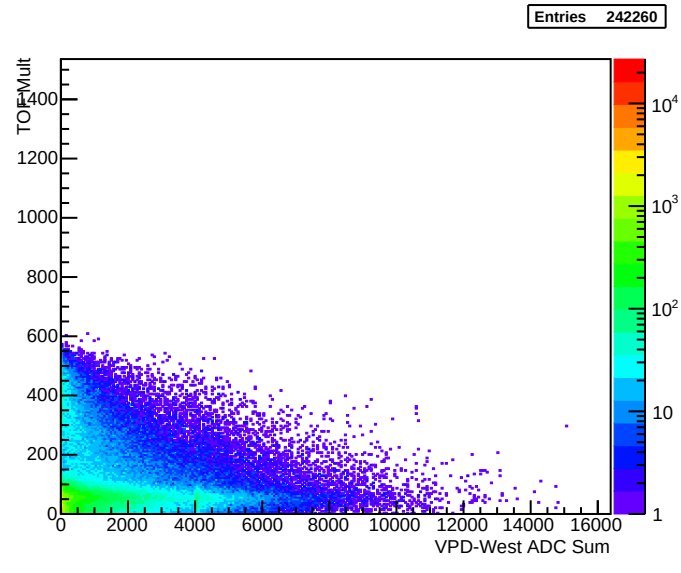

Entries 242260
TOF-Mult
BBC-S-East ADC Sum

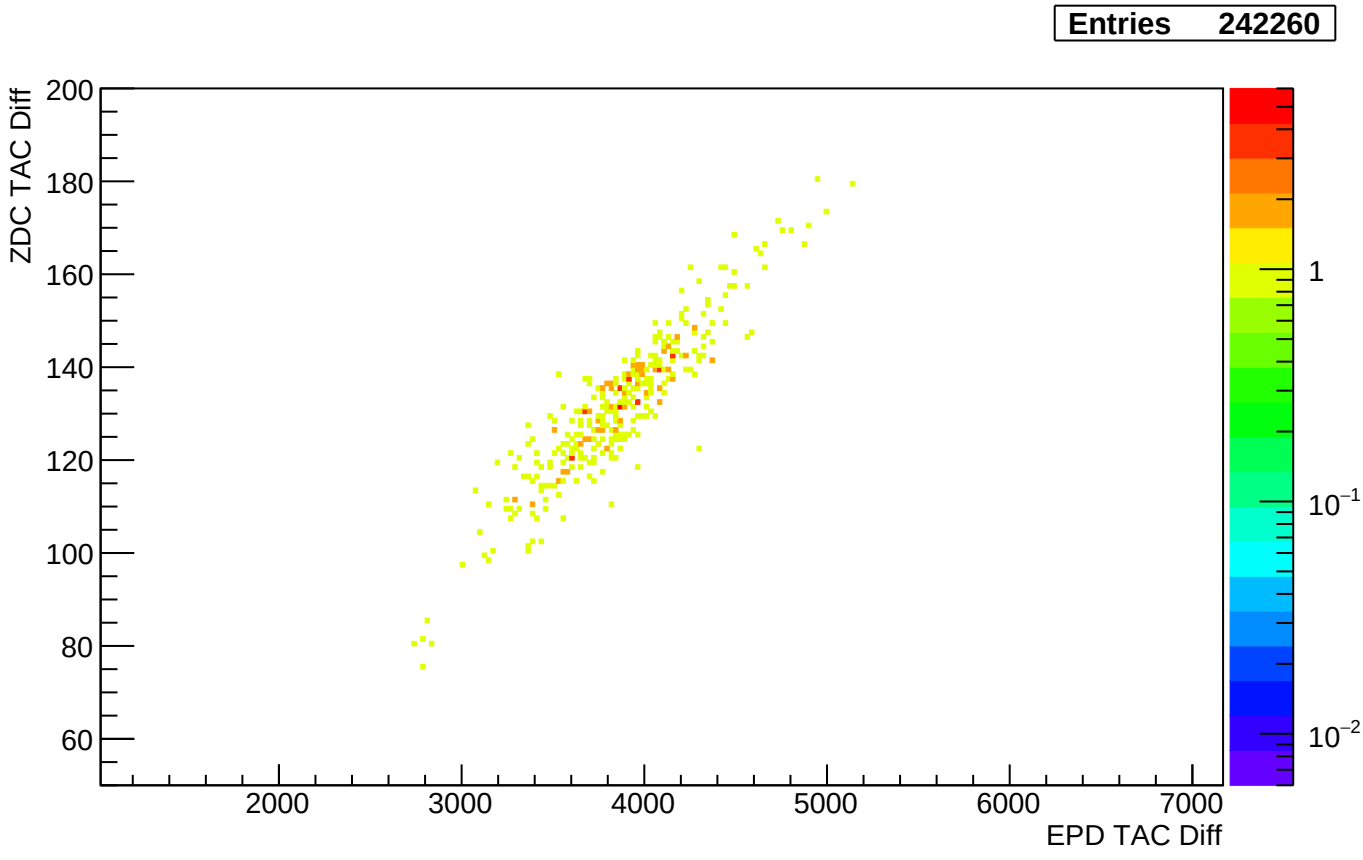

Entries 242260
TOF-Mult
BBC-S-West ADC Sum

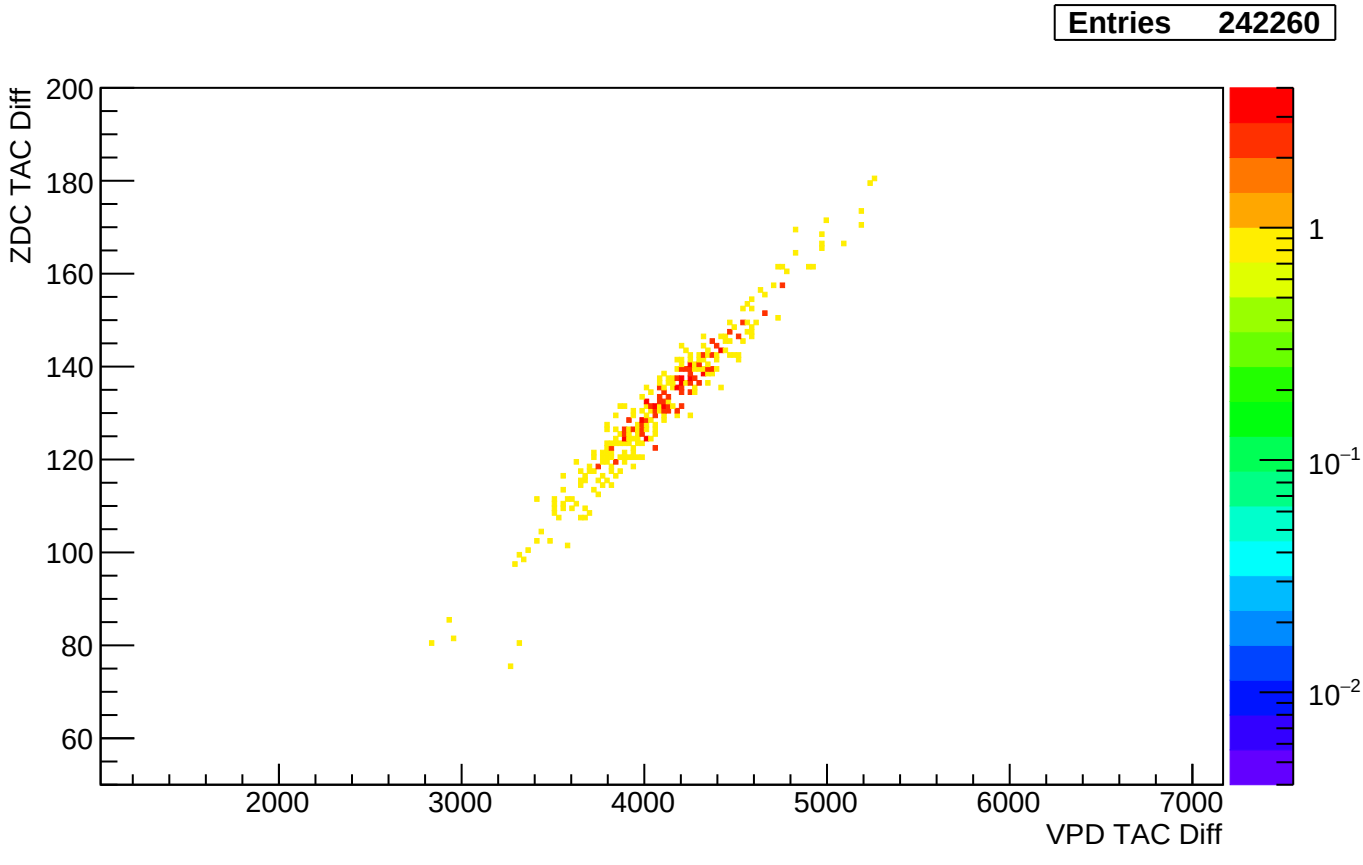

Entries 242260
TOF-Mult
EPD-East Hit Cnt

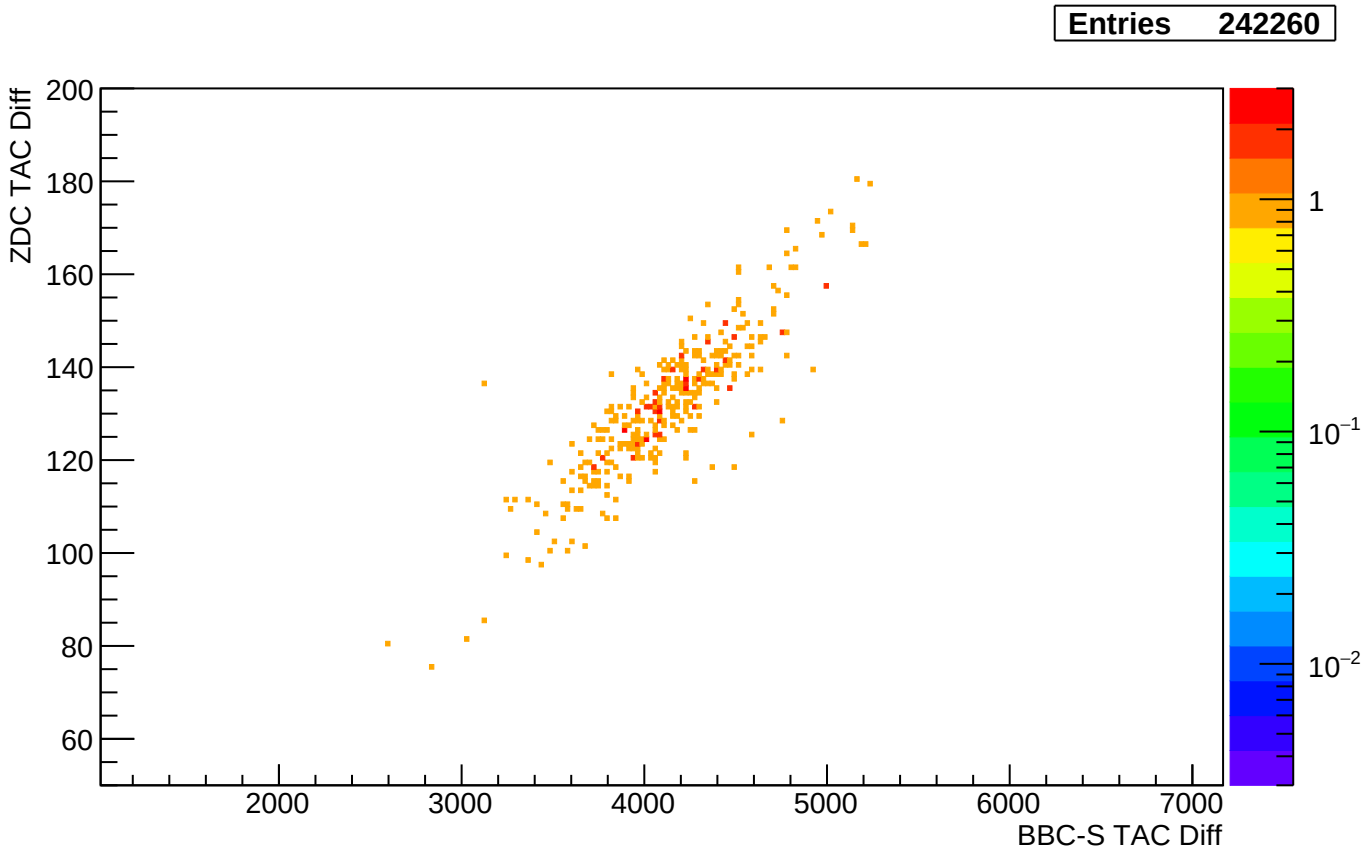

Entries 242260
TOF-Mult
EPD-West Hit Cnt

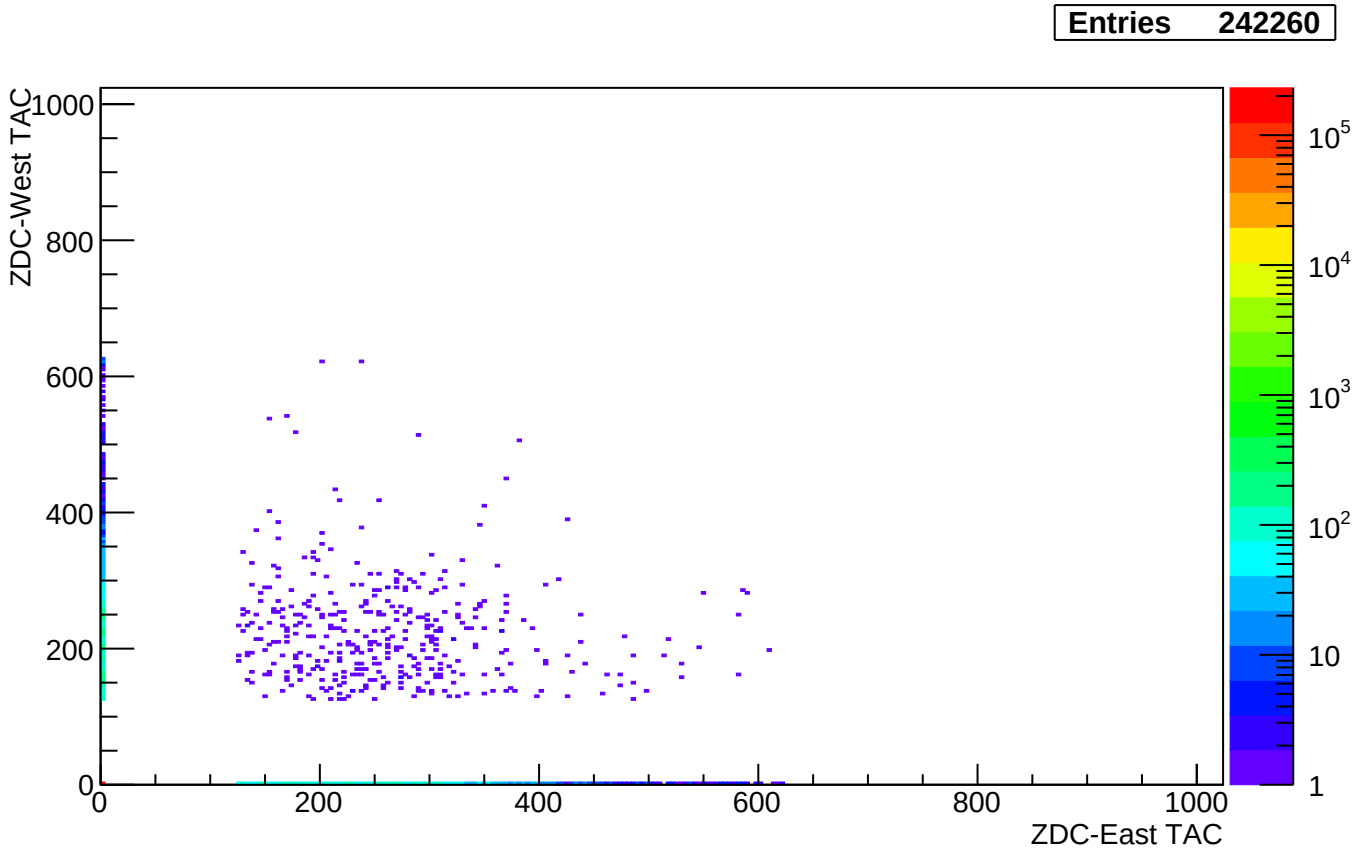

Entries 242260
TOF-Mult
VPD-East ADC Sum

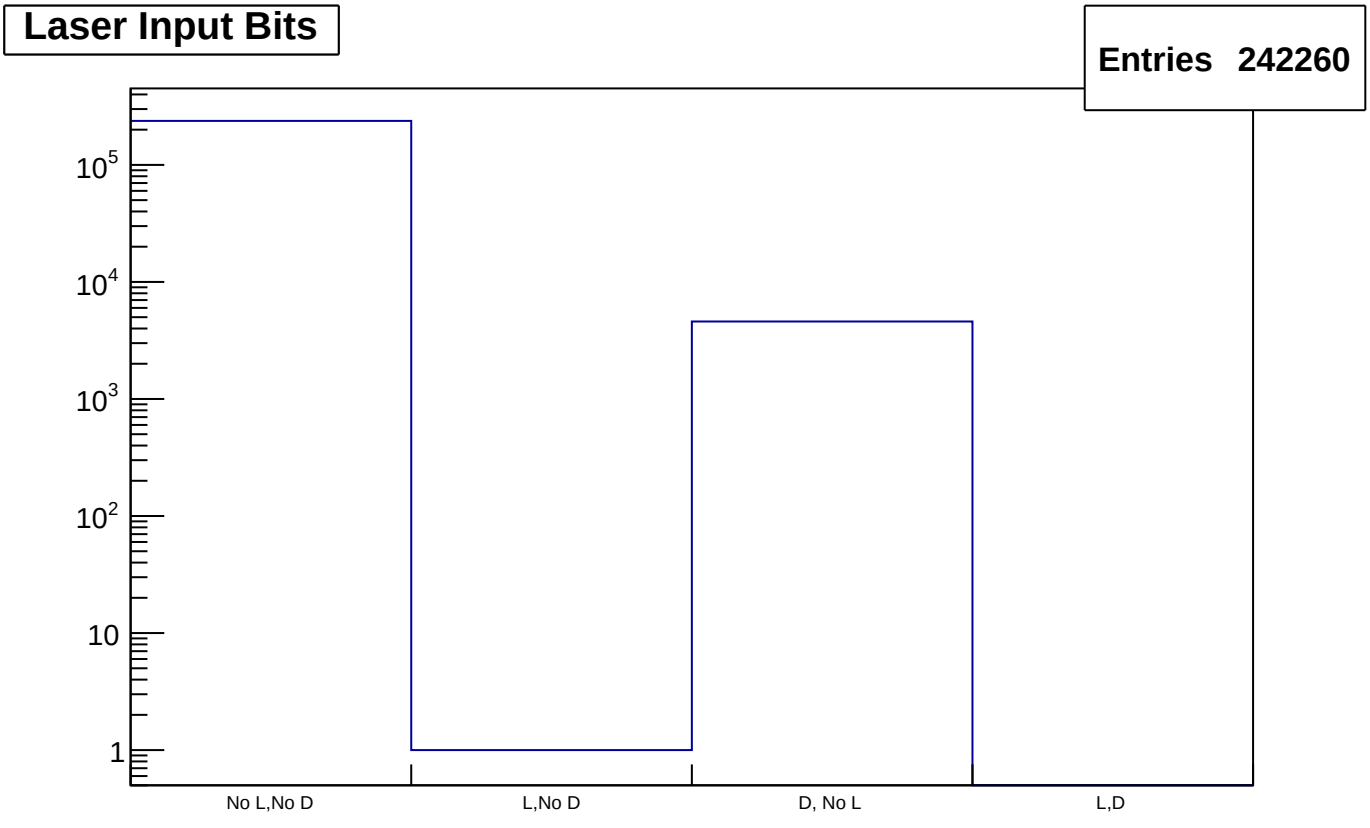

Entries 242260
TOF-Mult
VPD-West ADC Sum

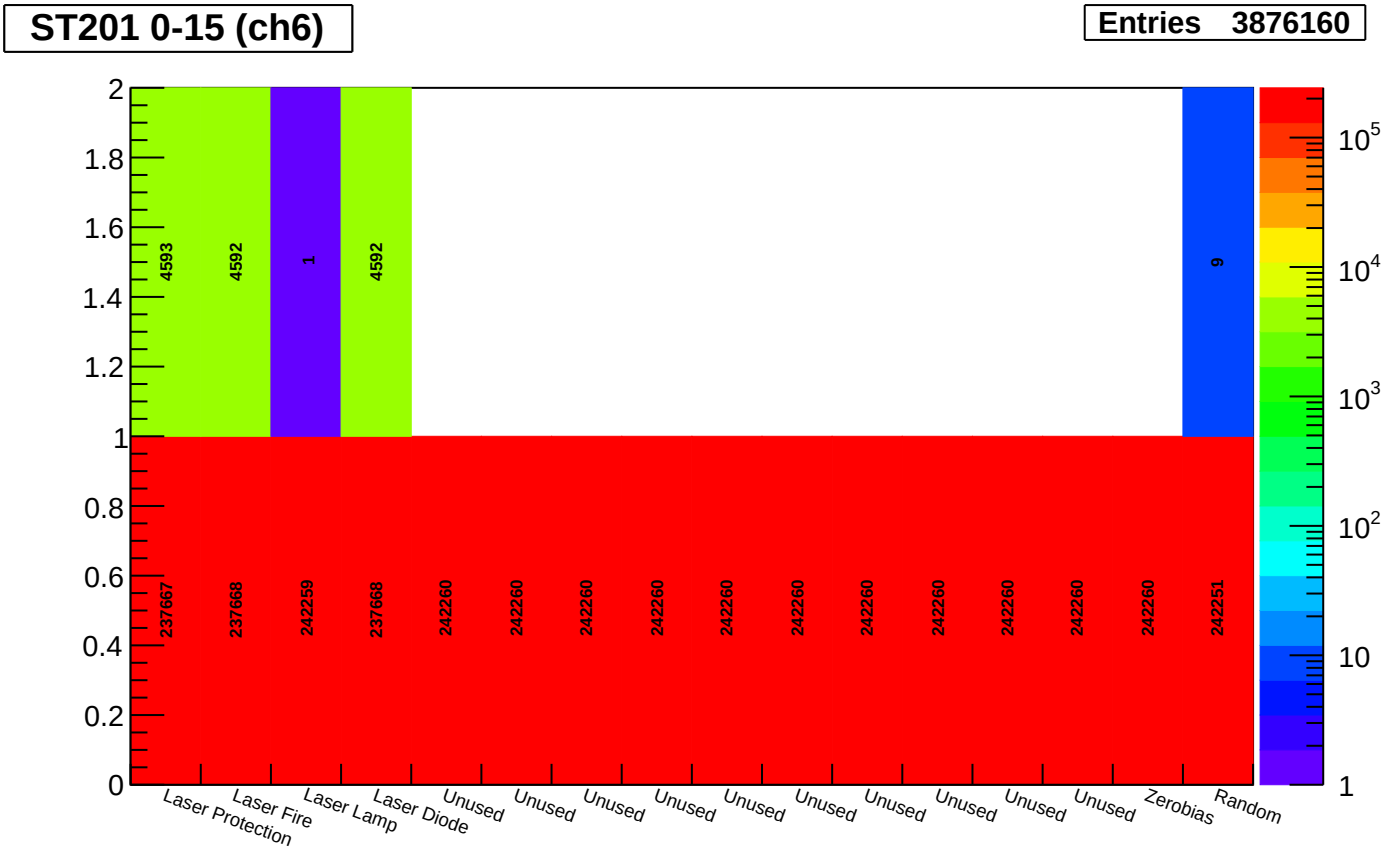

Entries 242260
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

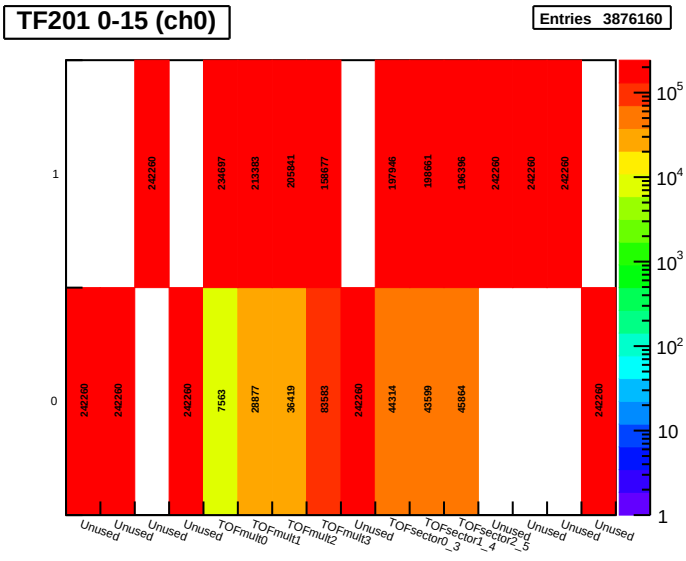

Entries 242260
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

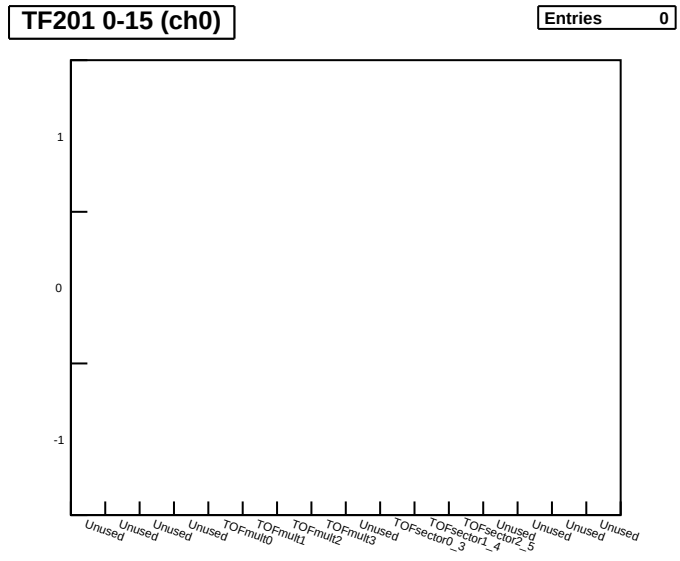

Entries 242260
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

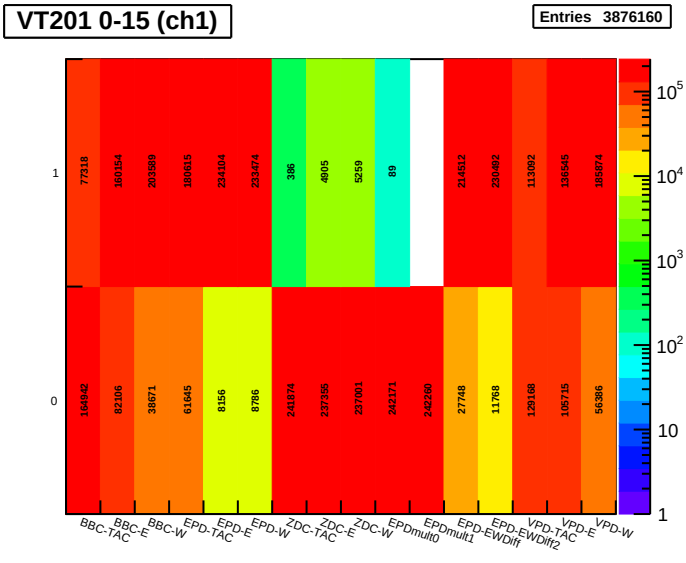

Entries 242260
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

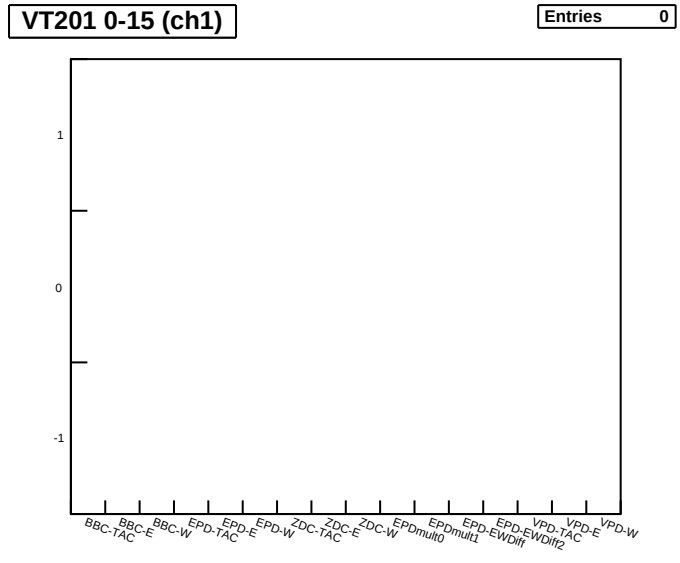

Laser Input Bits
Entries 242260
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

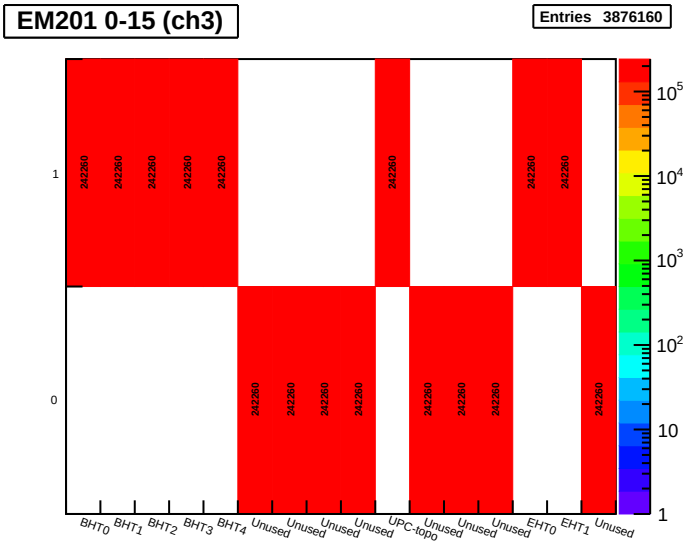

ST201 0-15 (ch6)
Entries 3876160
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4593
4592
1
4592
9
237667
237668
242259
237668
242260
242260
242260
242260
242260
242260
242260
242260
242260
242260
242260
242251
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

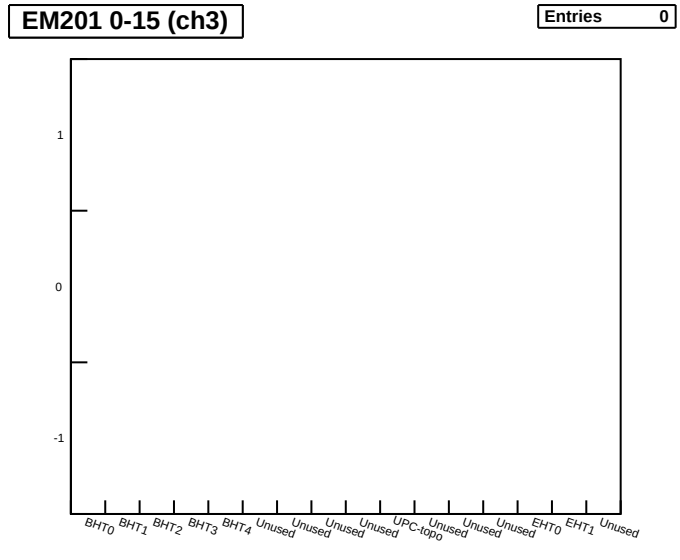

TF201 0-15 (ch0)
Entries 3876160
1
0
242260 234697 213383 205941 158677 197946 198661 196396 242260 242260 242260
242260 242260 242260 7563 28877 36419 83583 242260 44314 43599 45864 242260
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3876160
1
0
77318 160154 203589 180615 234104 233474 386 4905 5259 89 214512 230492 113092 136545 185874
164942 82106 38671 61645 8156 8786 241874 237355 237001 242171 242260 27748 11768 129168 105715 56386
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 3876160
1
0
242260 242260 242260 242260 242260 242260 242260 242260
242260 242260 242260 242260 242260 242260 242260 242260
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