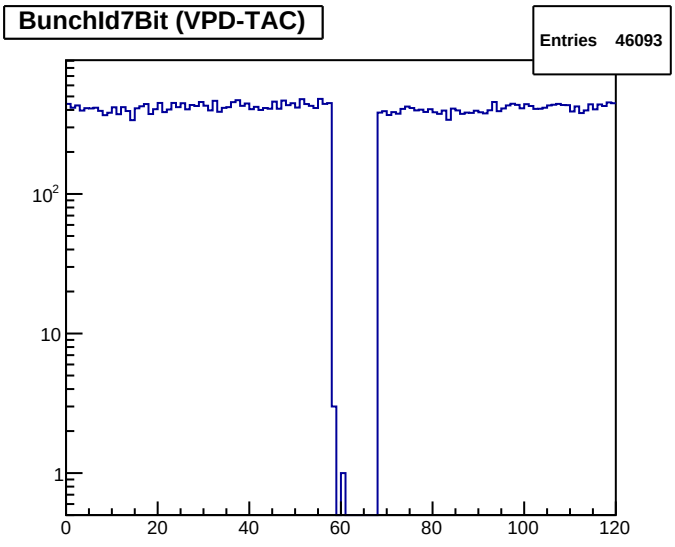
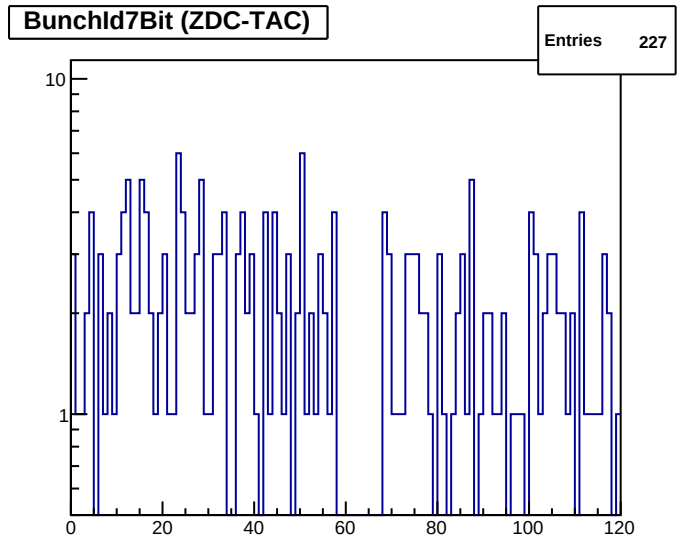
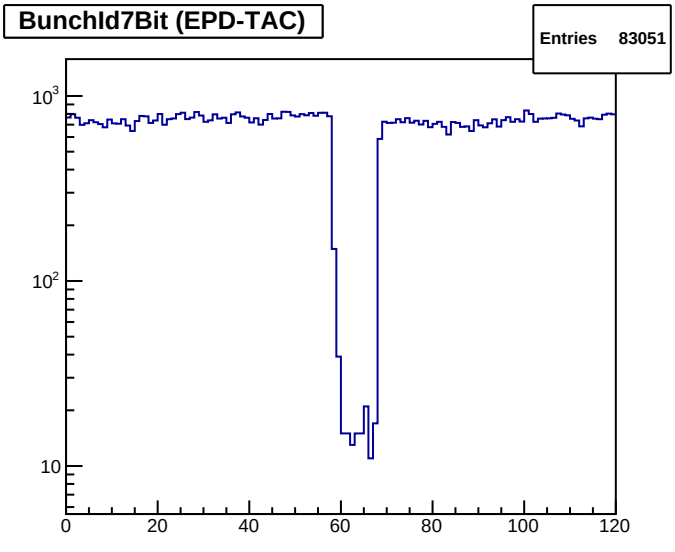
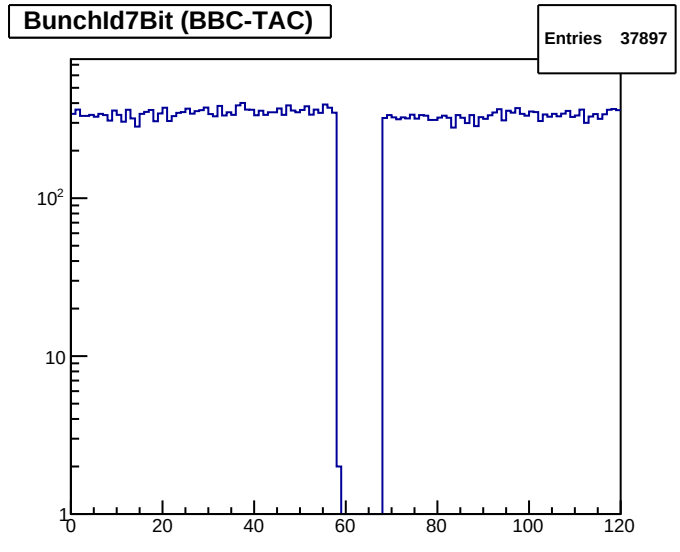
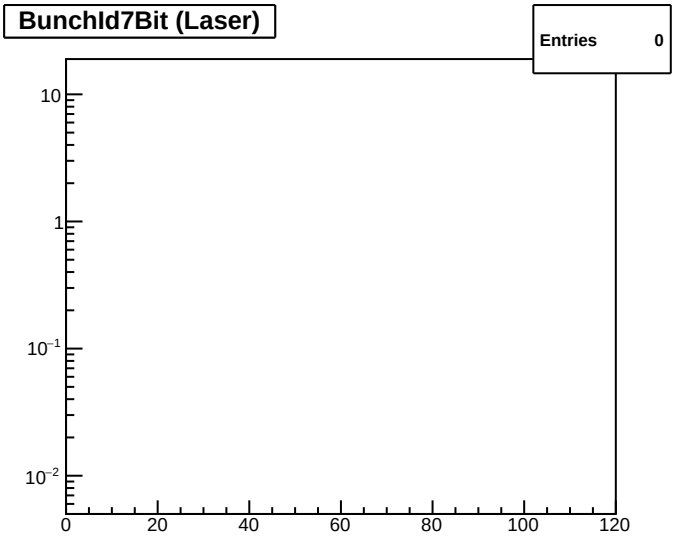
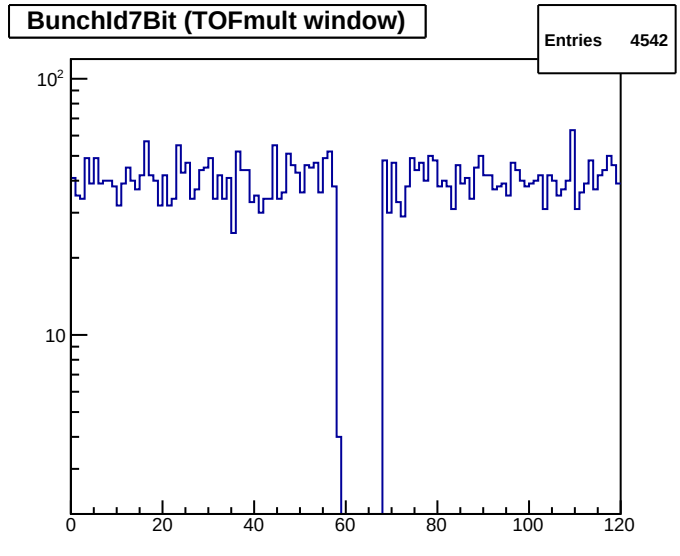

BunchId7Bit (VPD-TAC)
Entries 46093

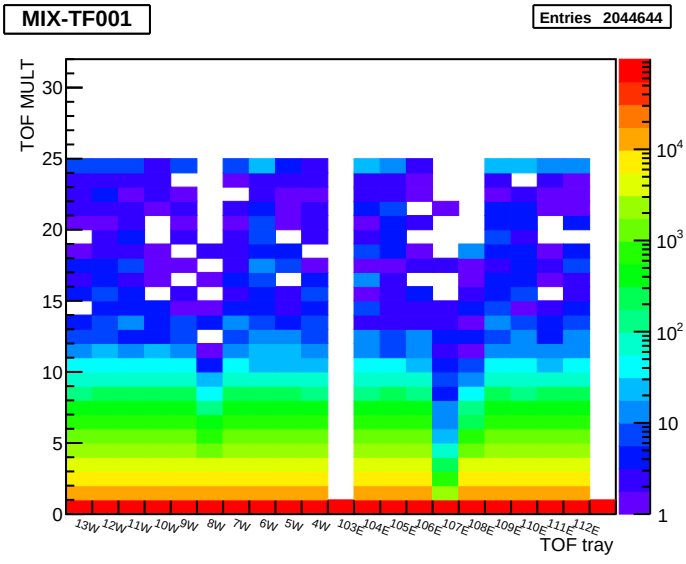

BunchId7Bit (ZDC-TAC)
Entries 227

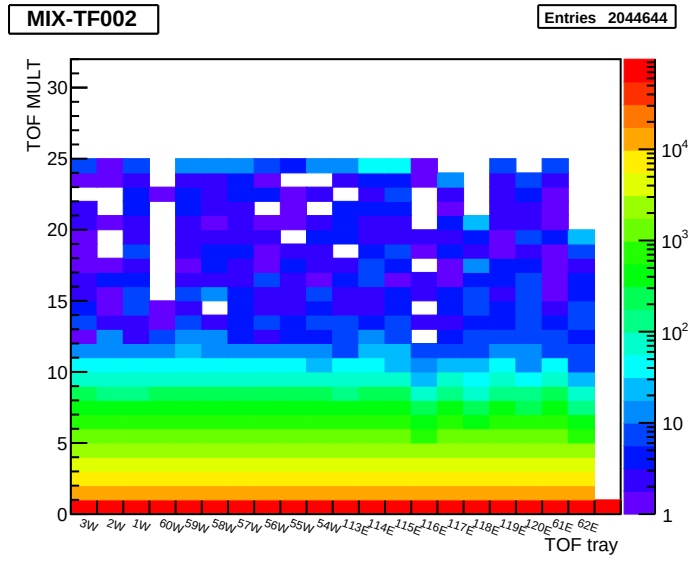

BunchId7Bit (EPD-TAC)
Entries 83051

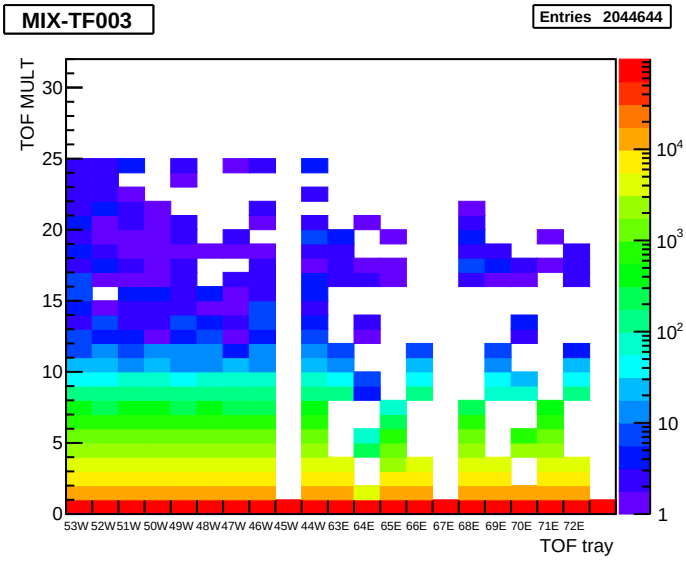

BunchId7Bit (BBC-TAC)
Entries 37897

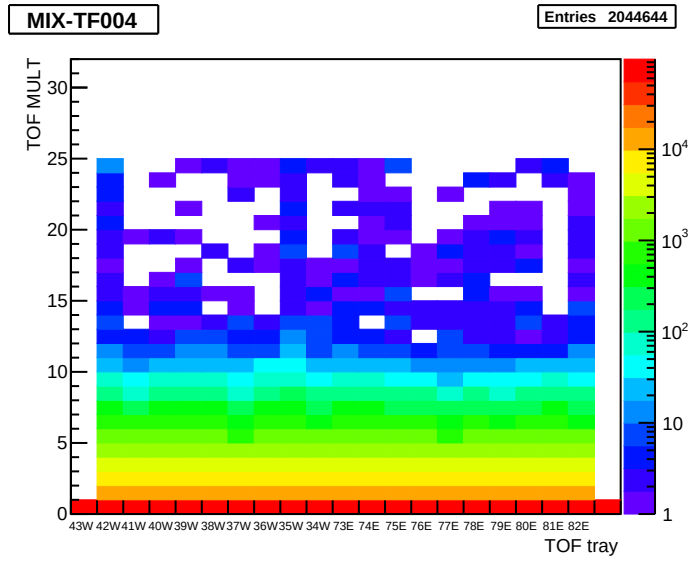

BunchId7Bit (Laser)
Entries 0

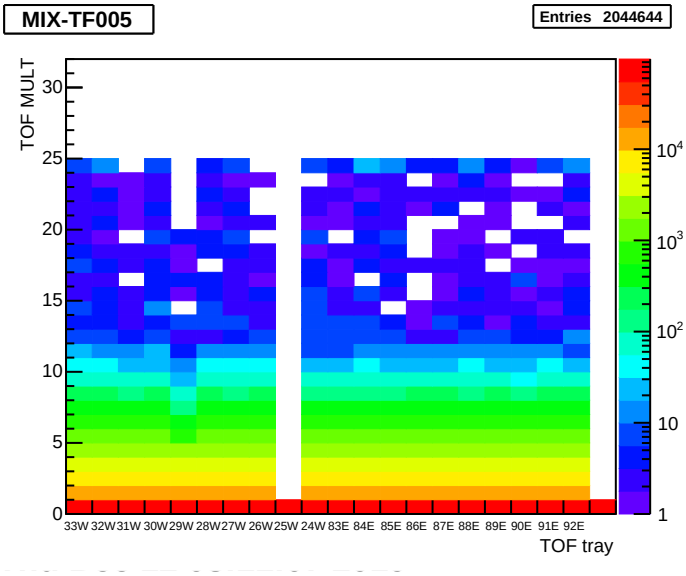

BunchId7Bit (TOFmult window)
Entries 4542

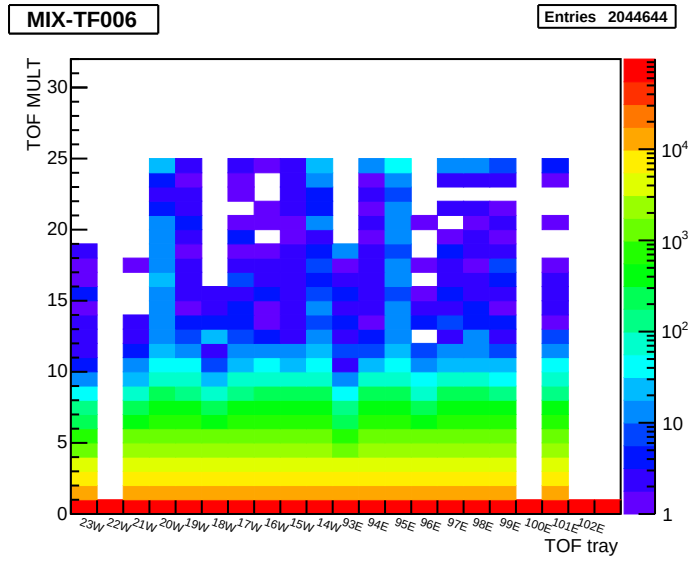

MIX-TF001
Entries 2044644
TOF MULT
TOF tray

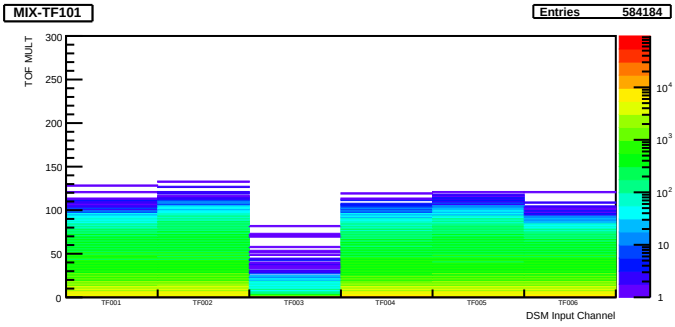

MIX-TF002
Entries 2044644
TOF MULT
TOF tray

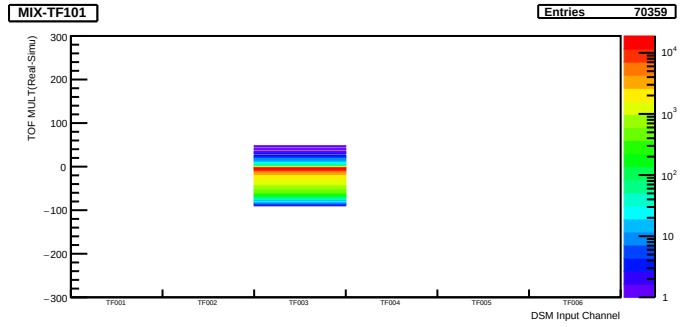

MIX-TF003
Entries 2044644
TOF MULT
TOF tray

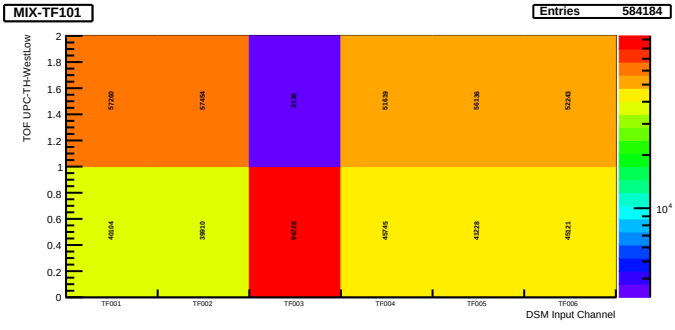

MIX-TF004
Entries 2044644
TOF MULT
TOF tray

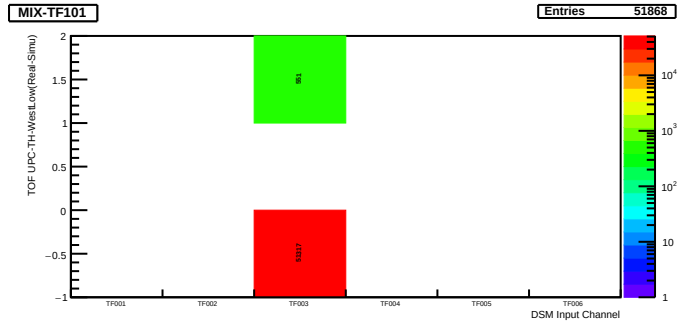

MIX-TF005
Entries 2044644
TOF MULT
TOF tray

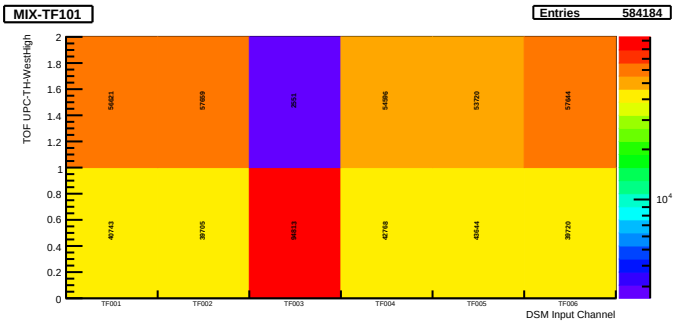

MIX-TF006
Entries 2044644
TOF MULT
TOF tray

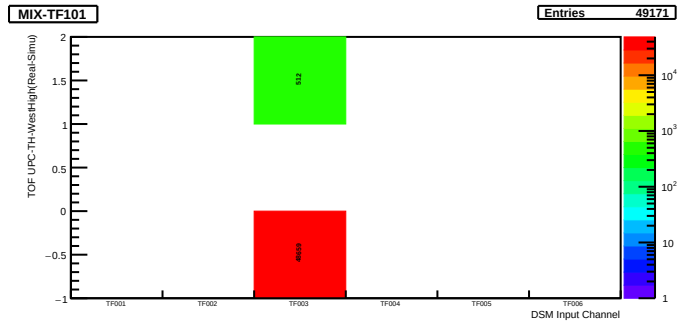

MIX-TF101
Entries 584184
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

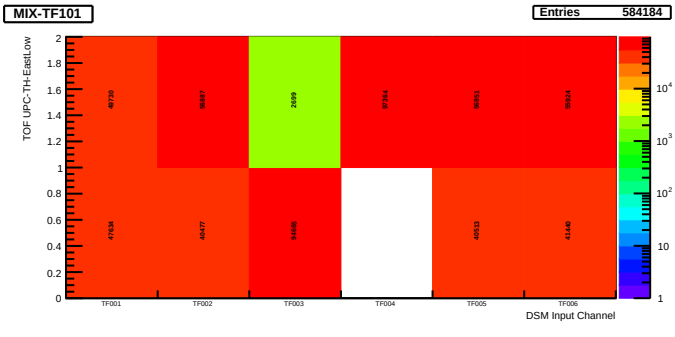

MIX-TF101
Entries 70359
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

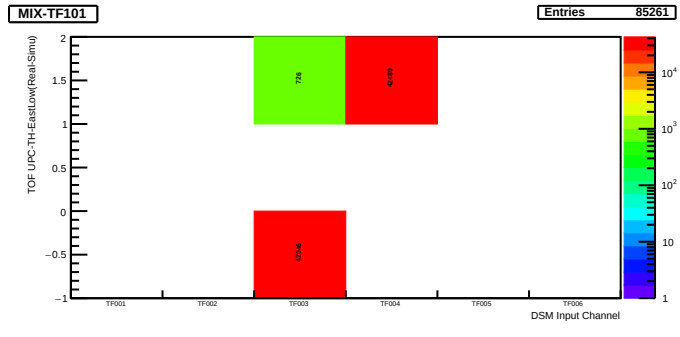

MIX-TF101
Entries 584184
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

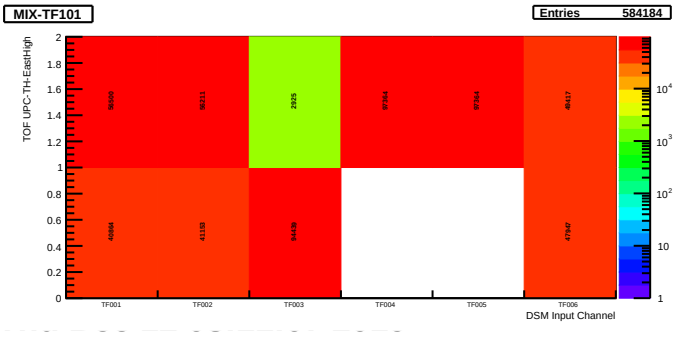

MIX-TF101
Entries 51868
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

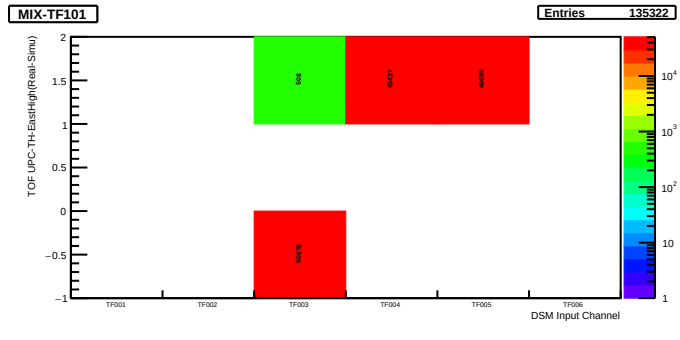

MIX-TF101
Entries 584184
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

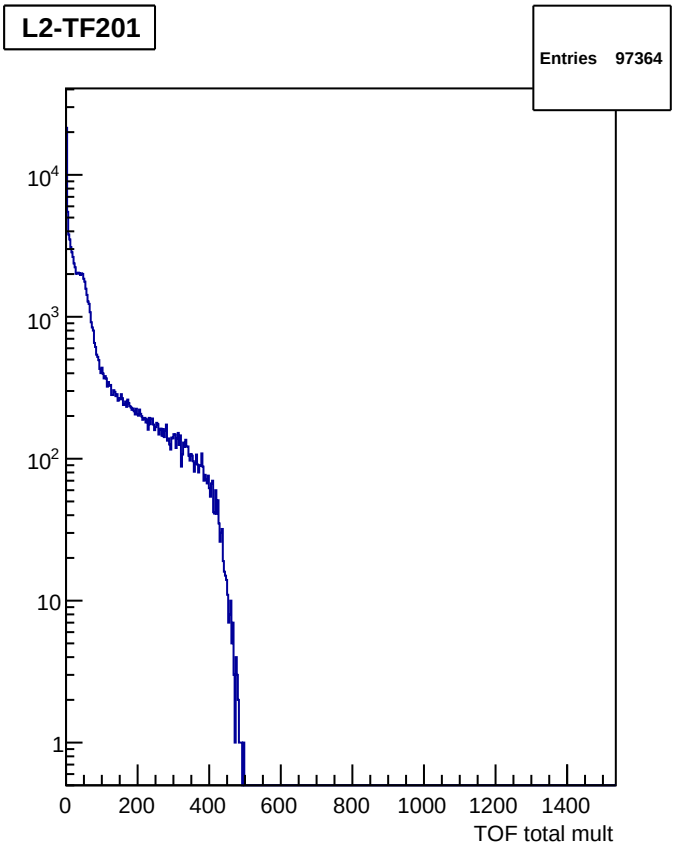

MIX-TF101
Entries 49171
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

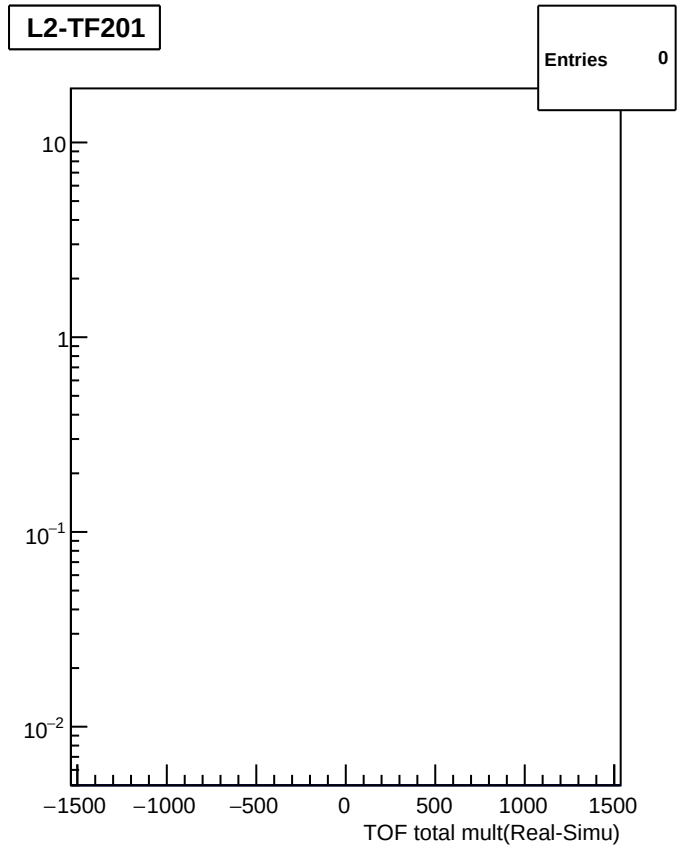

MIX-TF101
Entries 584184
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

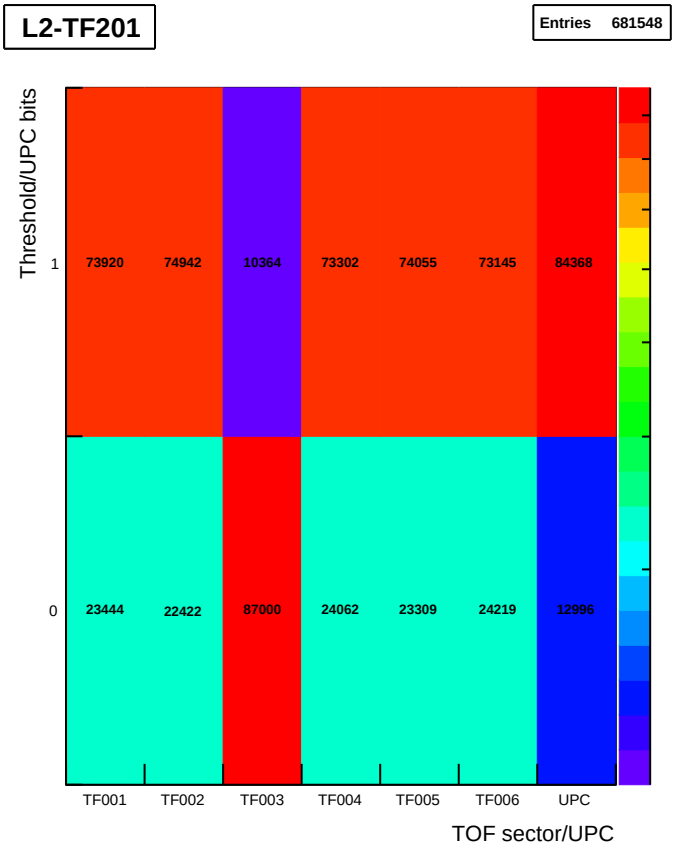

MIX-TF101
Entries 85261
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

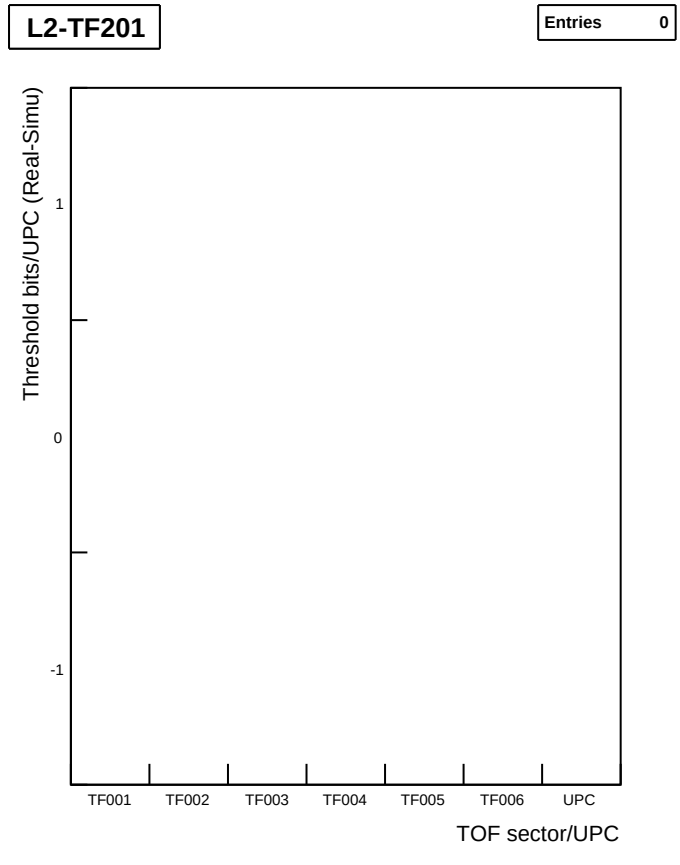

MIX-TF101
Entries 584184
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

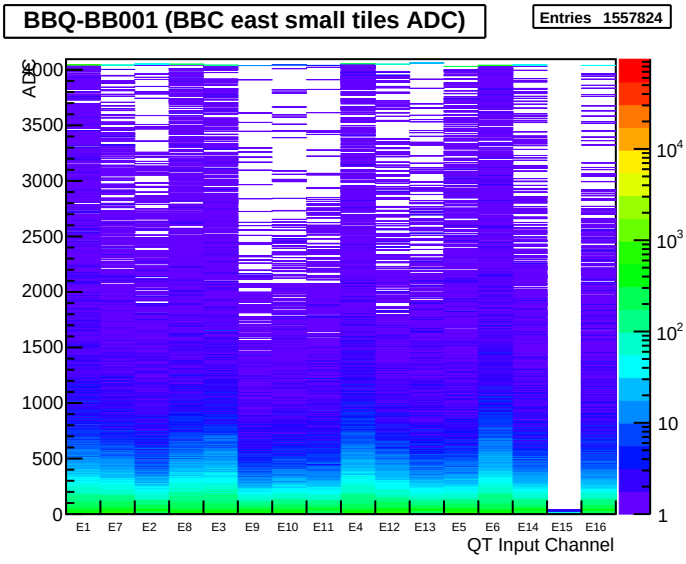

MIX-TF101
Entries 135322
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

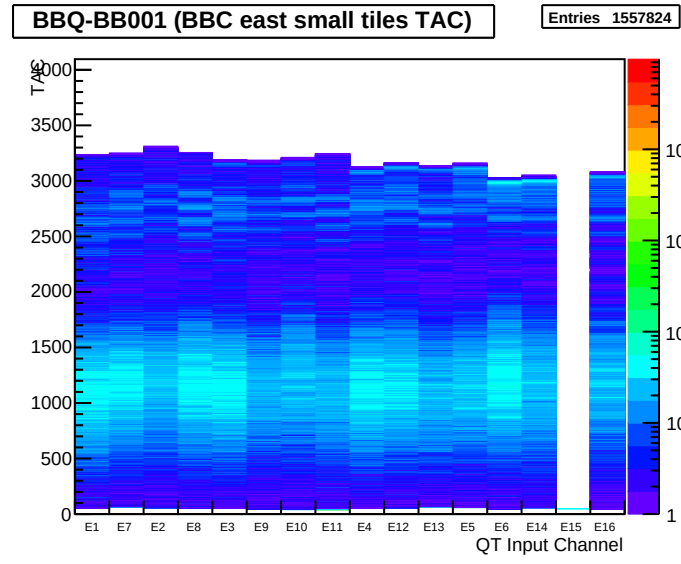

L2-TF201
Entries 97364
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

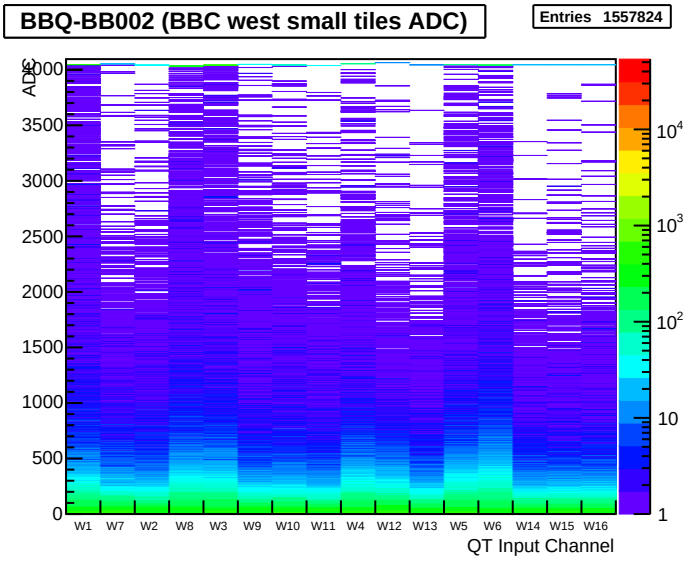

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

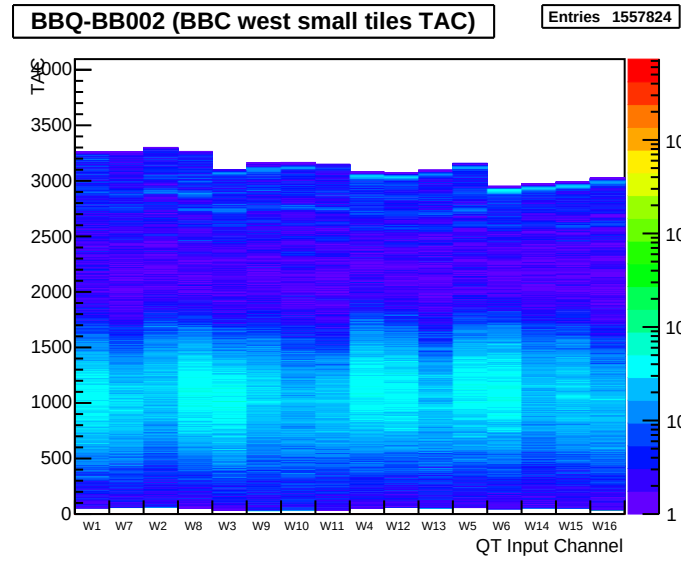

L2-TF201
Entries 681548
Threshold/UPC bits
1
0
73920
74942
10364
73302
74055
73145
84368
23444
22422
87000
24062
23309
24219
12996
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

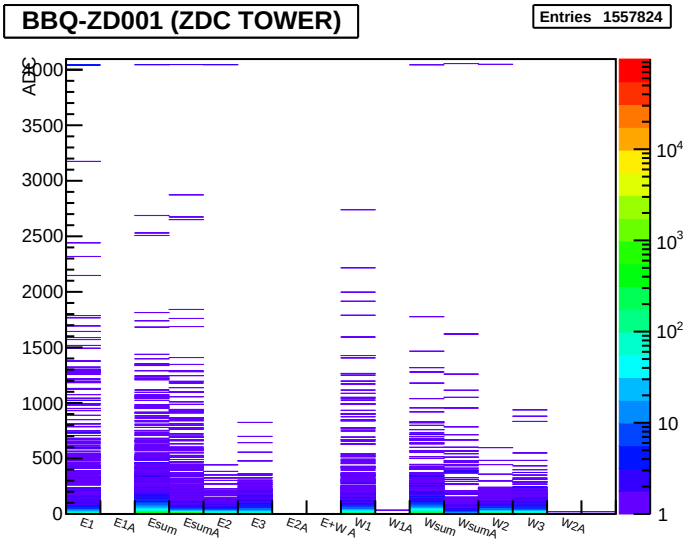

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

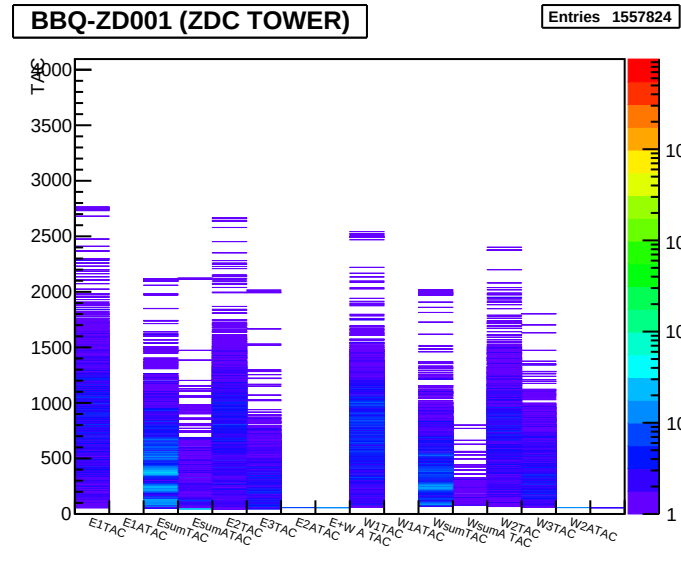

BBQ-BB001 (BBC east small tiles ADC)
Entries 1557824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

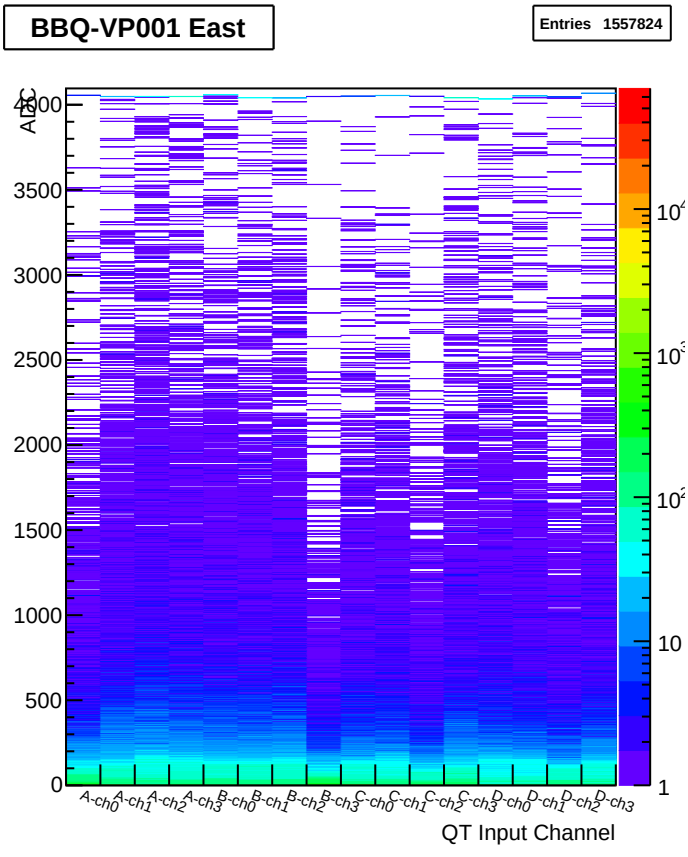

BBQ-BB001 (BBC east small tiles TAC)
Entries 1557824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

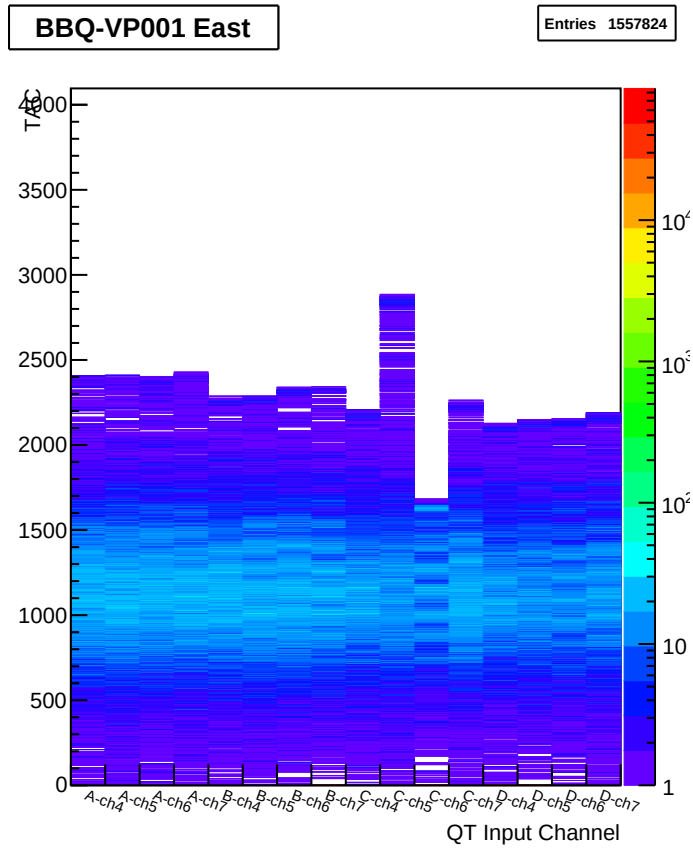

BBQ-BB002 (BBC west small tiles ADC)
Entries 1557824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

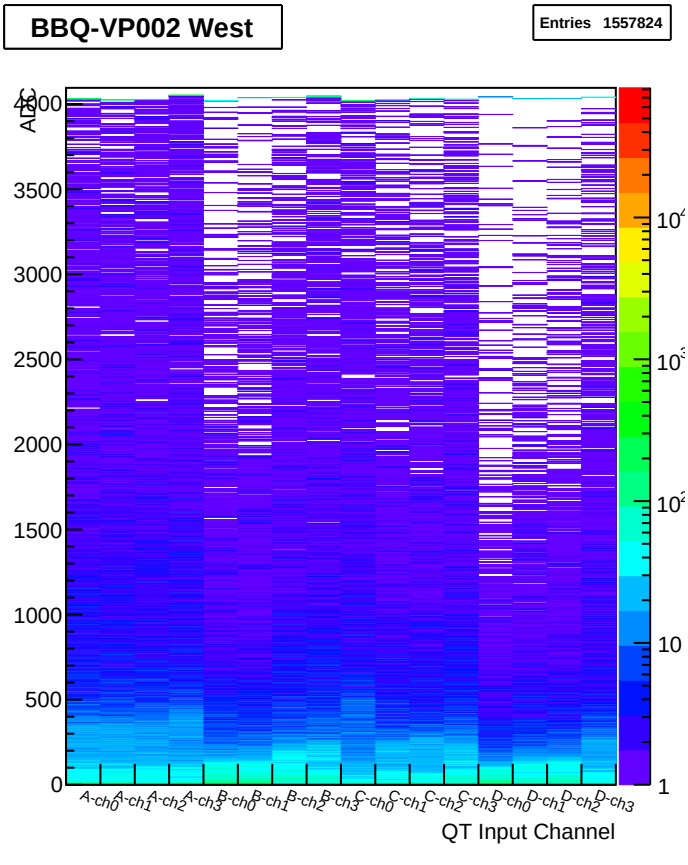

BBQ-BB002 (BBC west small tiles TAC)
Entries 1557824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

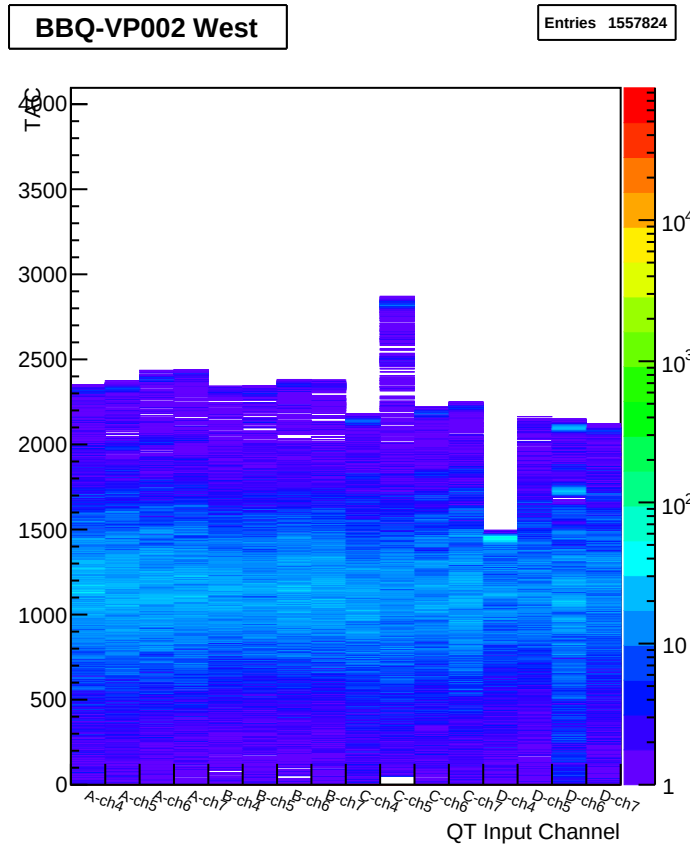

BBQ-ZD001 (ZDC TOWER)
Entries 1557824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

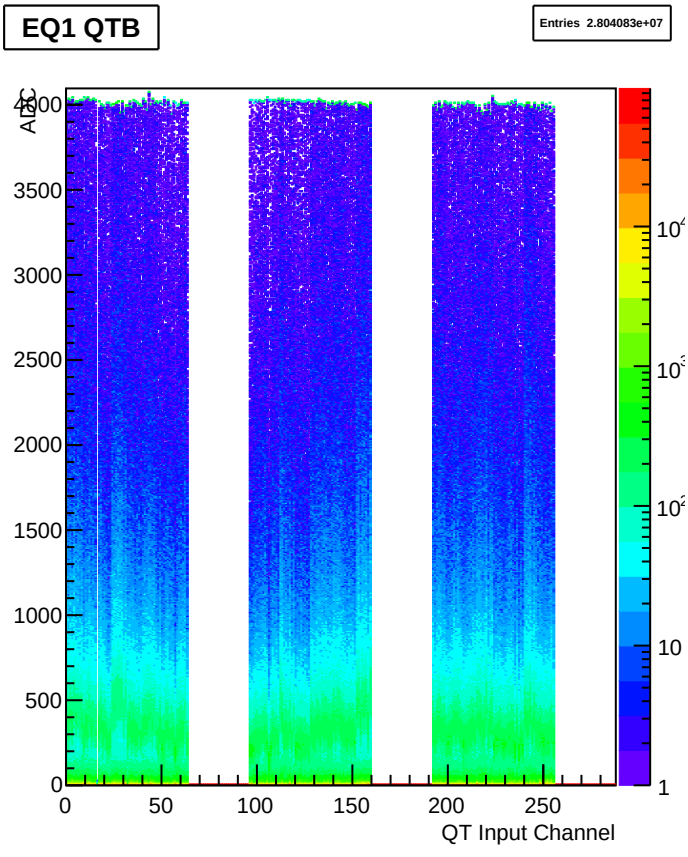

BBQ-ZD001 (ZDC TOWER)
Entries 1557824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

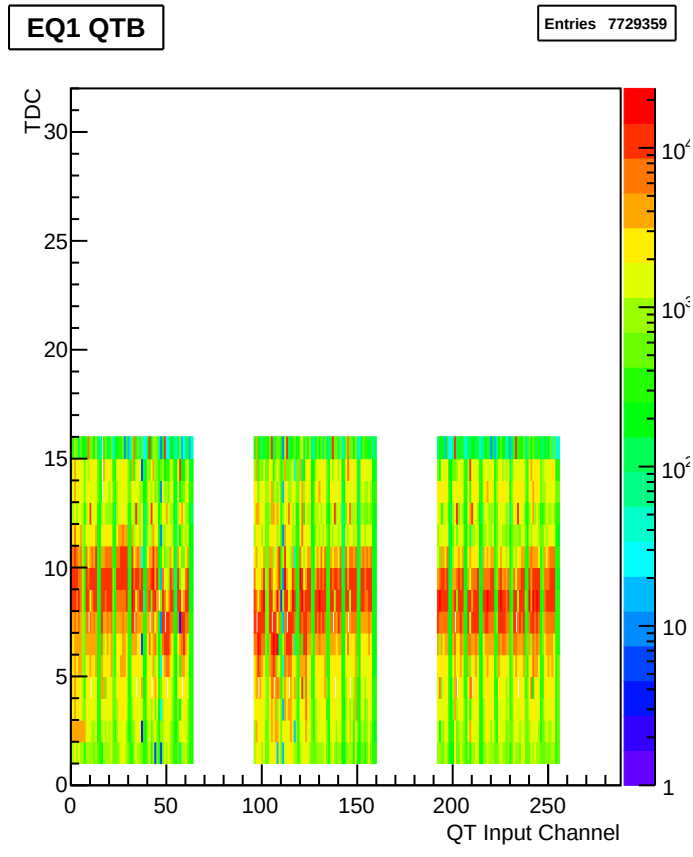

BBQ-VP001 East
Entries 1557824
ADC
QT Input Channel

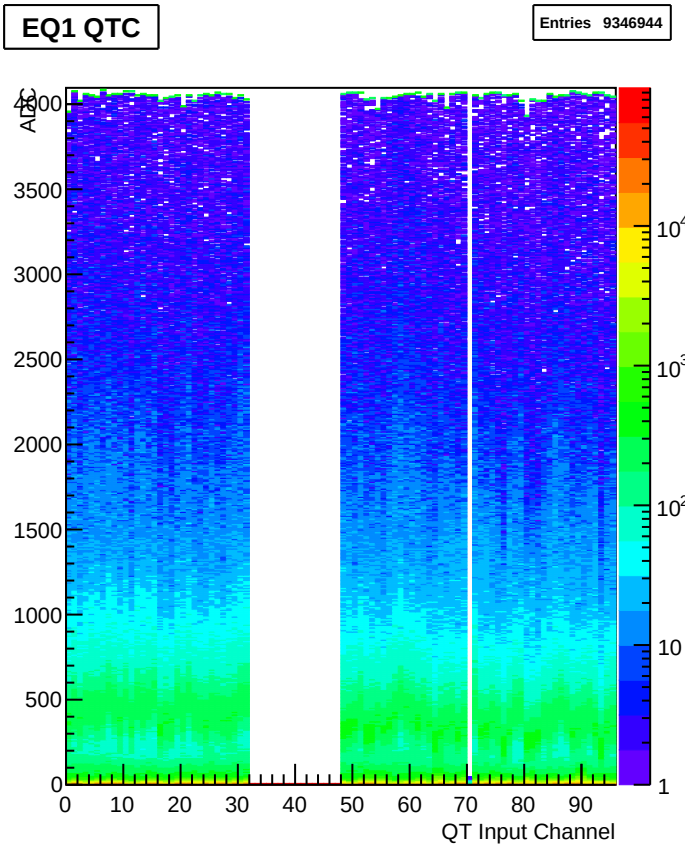

BBQ-VP001 East
Entries 1557824
TAC
QT Input Channel

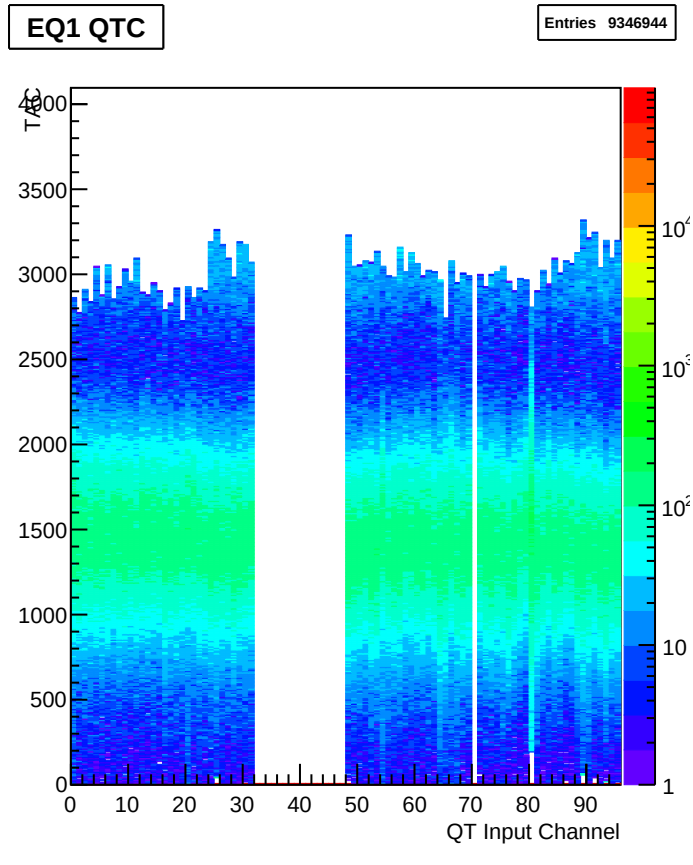

BBQ-VP002 West
Entries 1557824
ADC
QT Input Channel

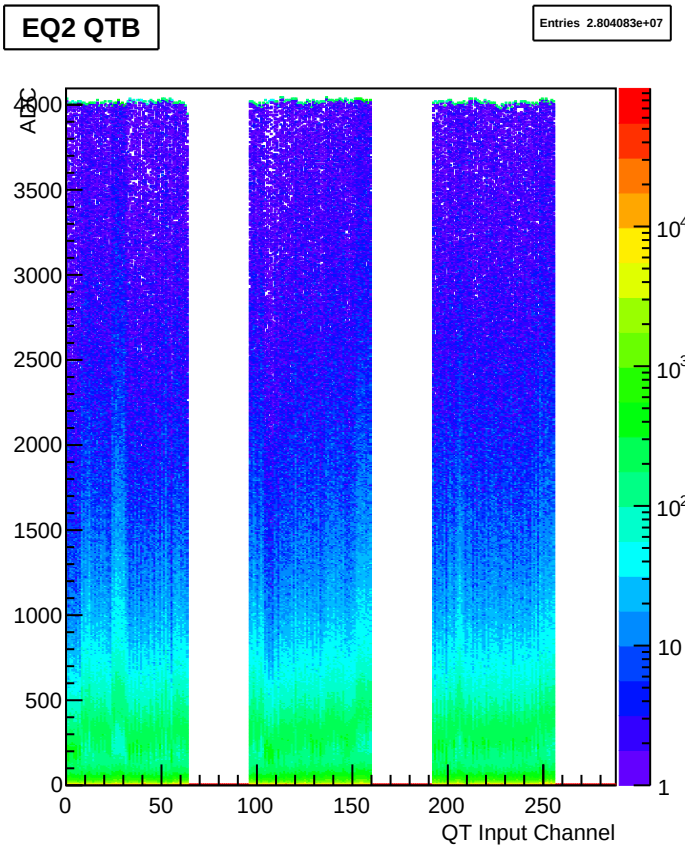

BBQ-VP002 West
Entries 1557824
TAC
QT Input Channel

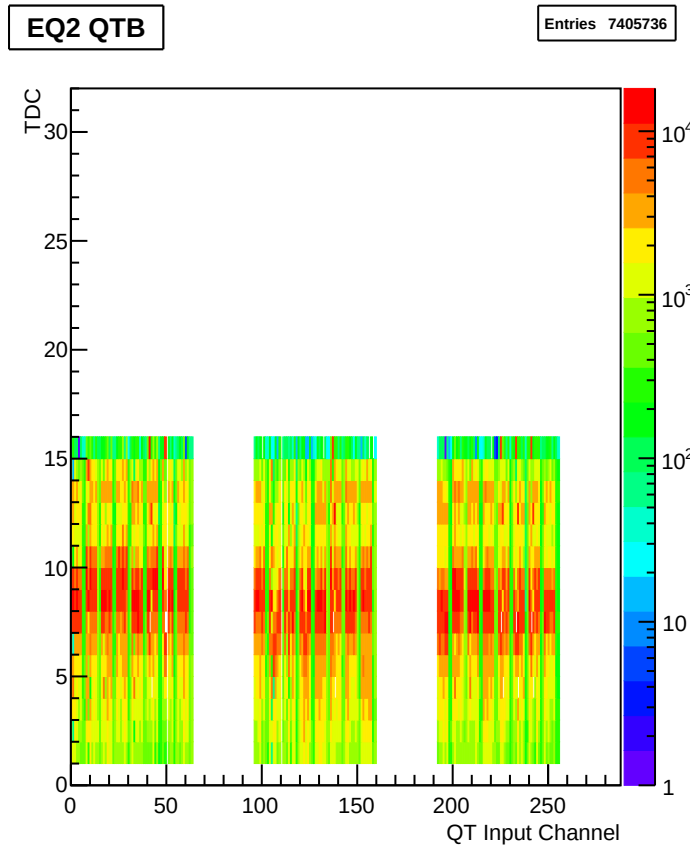

EQ1 QTB
Entries 2.804083e+07
ADC
QT Input Channel

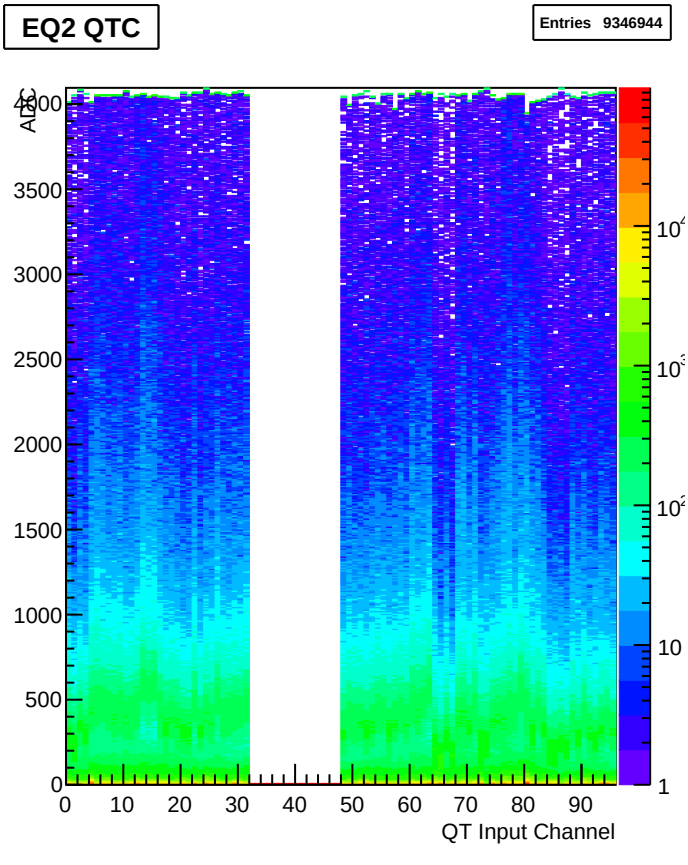

EQ1 QTB
Entries 7729359
TDC
QT Input Channel

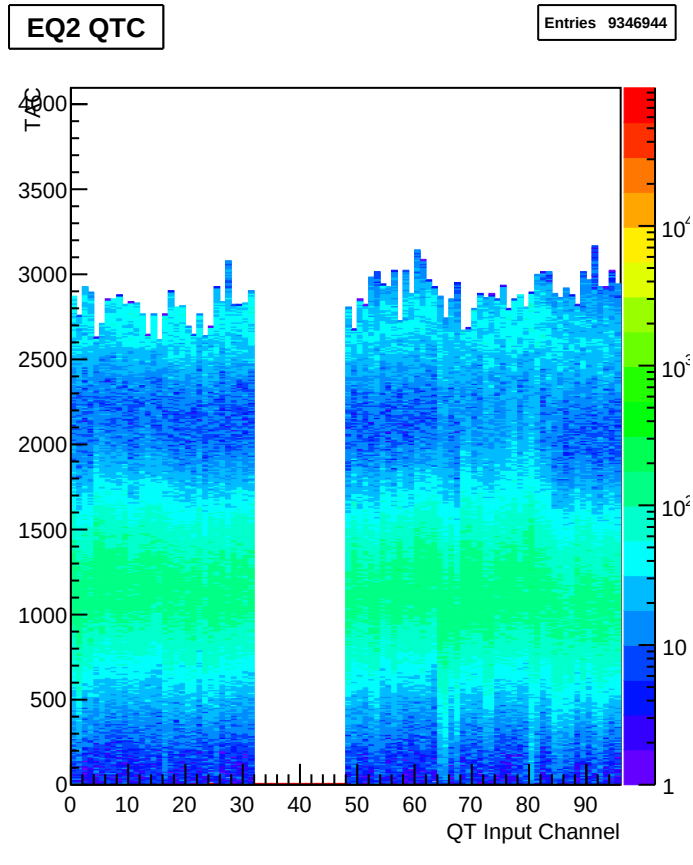

EQ1 QTC
Entries 9346944
ADC
QT Input Channel

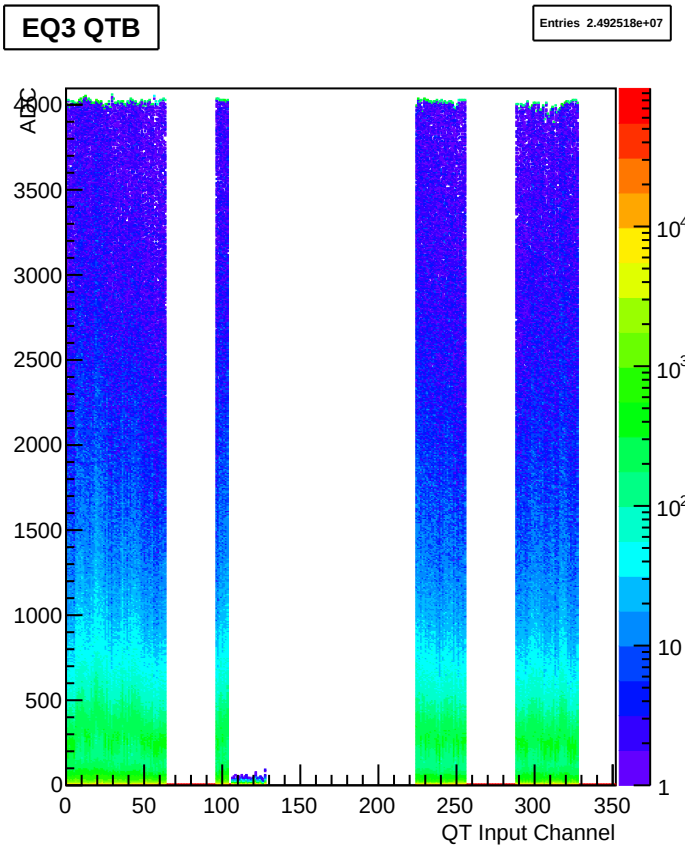

EQ1 QTC
Entries 9346944
TADC
QT Input Channel

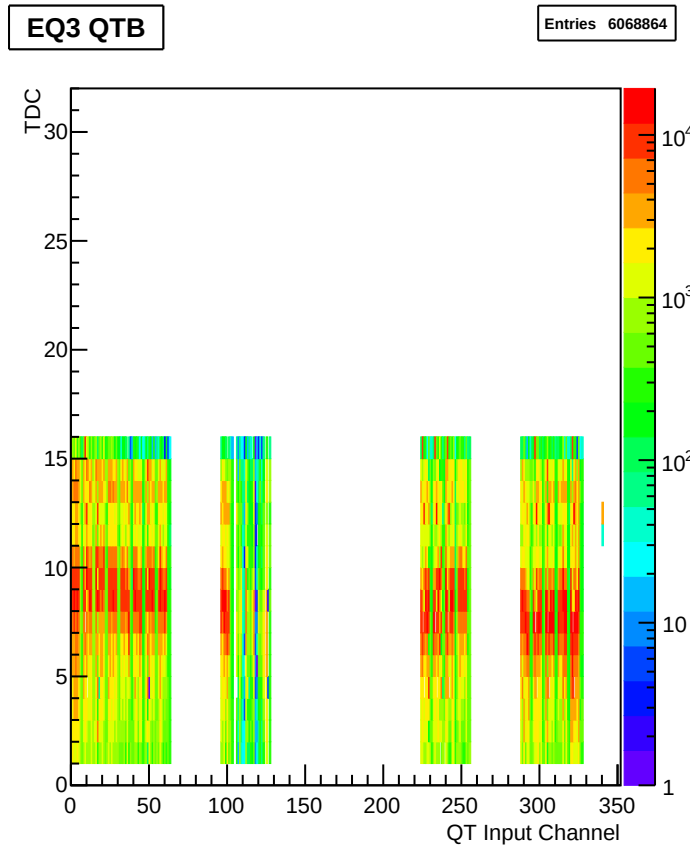

EQ2 QTB
Entries 2.804083e+07
ADC
QT Input Channel

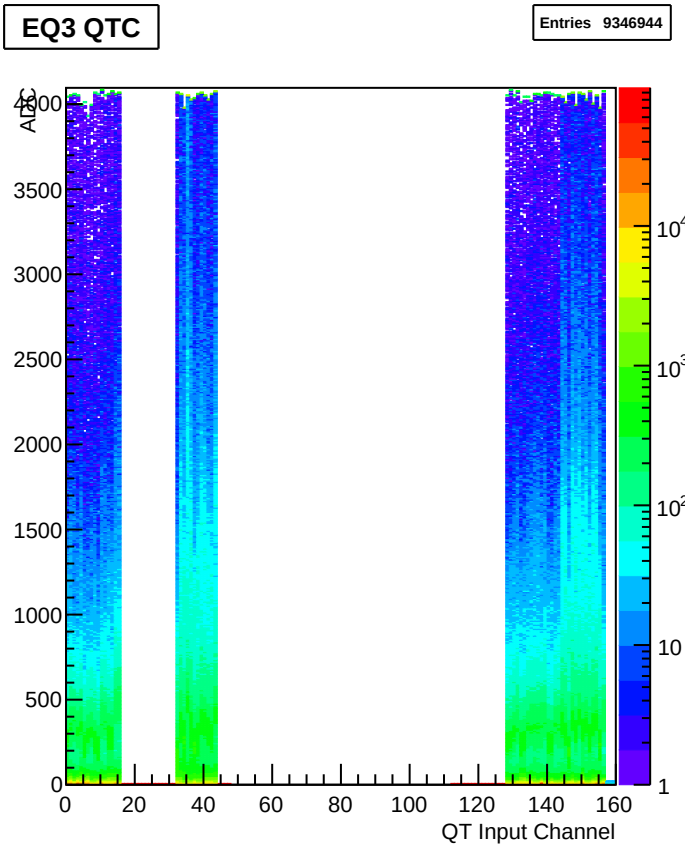

EQ2 QTB
Entries 7405736
TDC
QT Input Channel

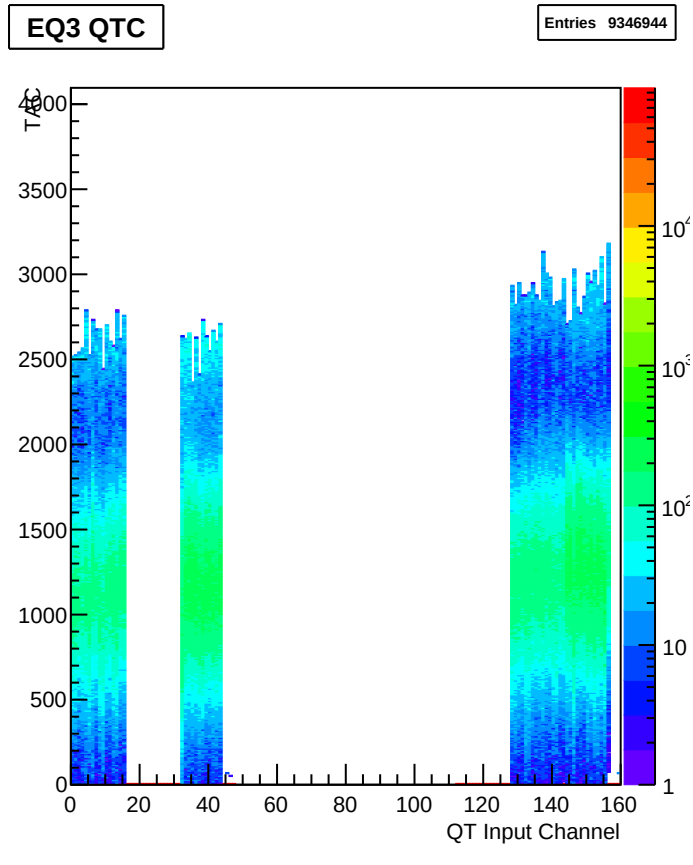

EQ2 QTC
Entries 9346944
ADC
QT Input Channel

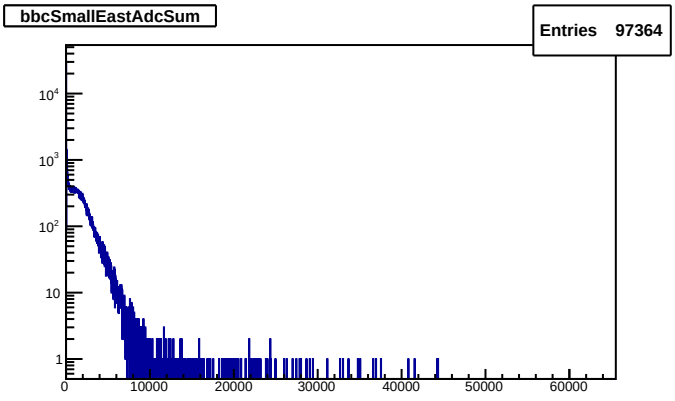

EQ2 QTC
Entries 9346944
TADC
QT Input Channel

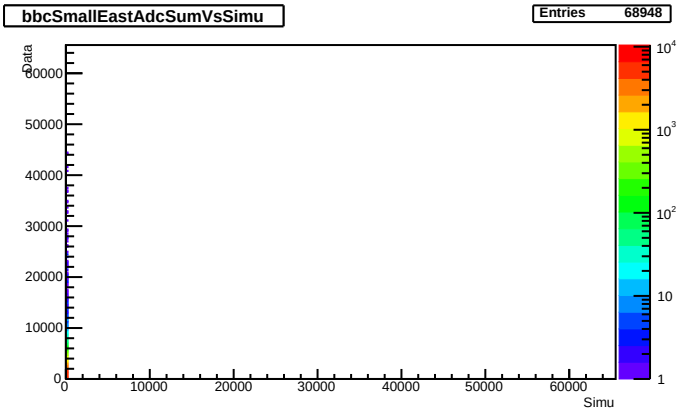

EQ3 QTB
Entries 2.492518e+07
ADC
QT Input Channel

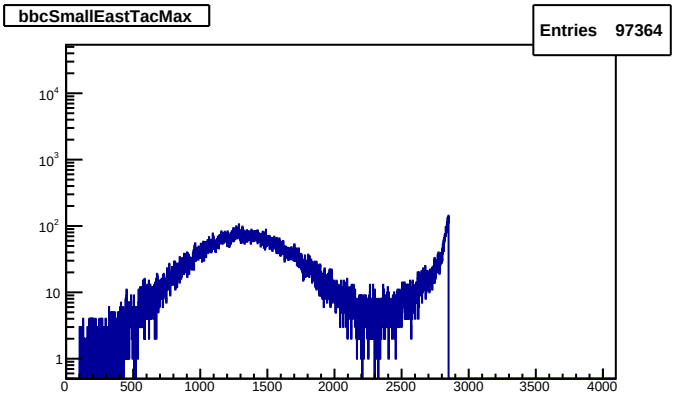

EQ3 QTB
Entries 6068864
TDC
QT Input Channel

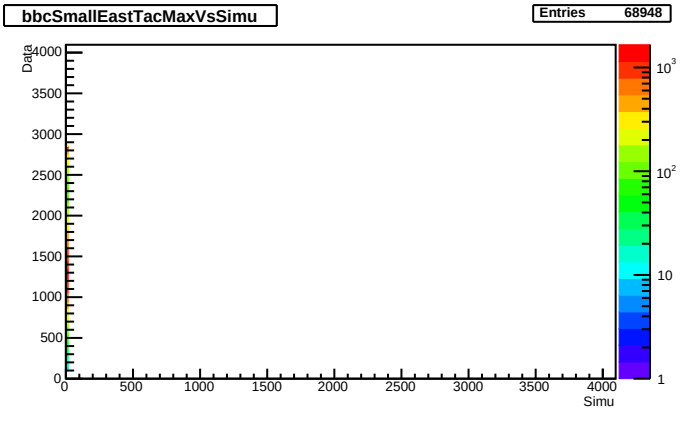

EQ3 QTC
Entries 9346944
ADC
QT Input Channel


EQ3 QTC
Entries 9346944
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 97364


bbcSmallEastAdcSumVsSimu
Entries 68948
Data
Simu


bbcSmallEastTacMax
Entries 97364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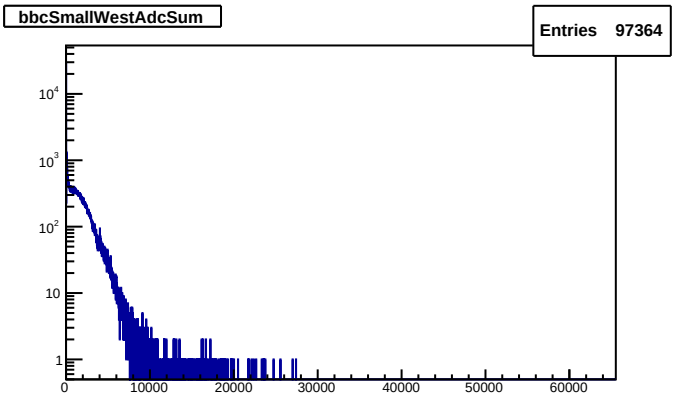
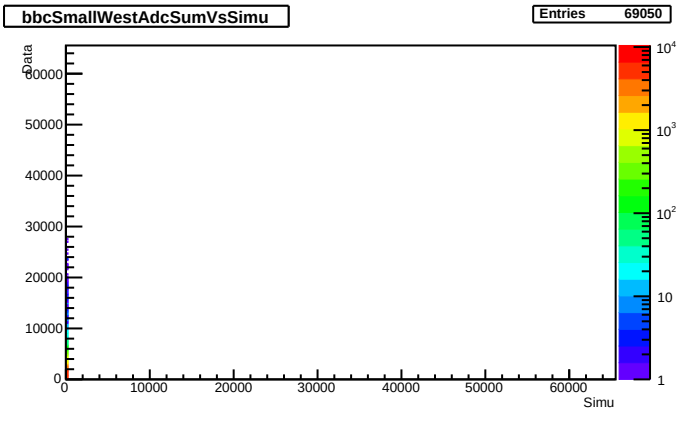
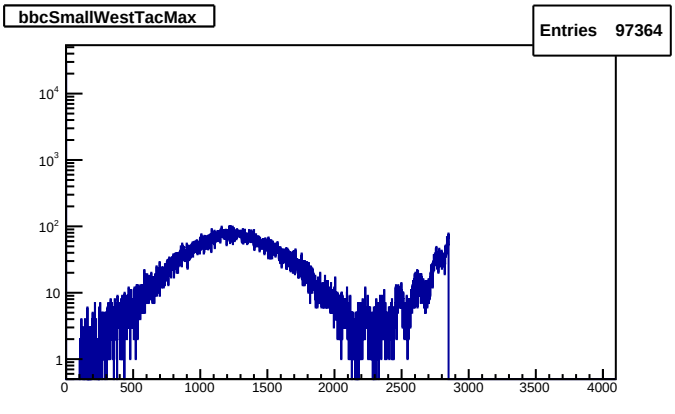
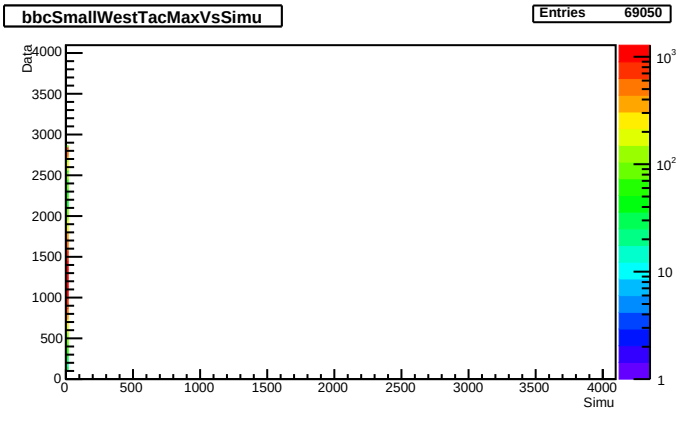
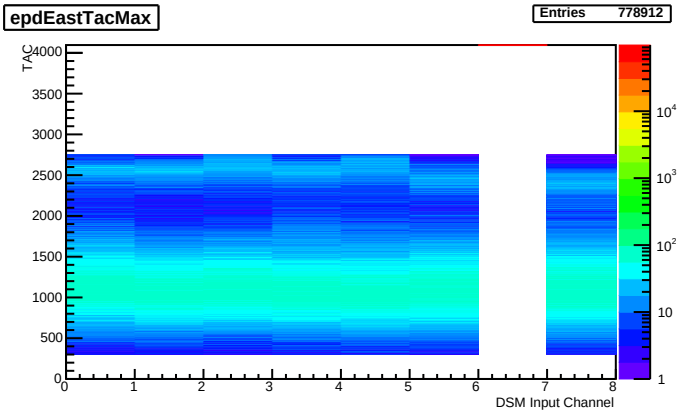
Entries 68948
Data
Simu

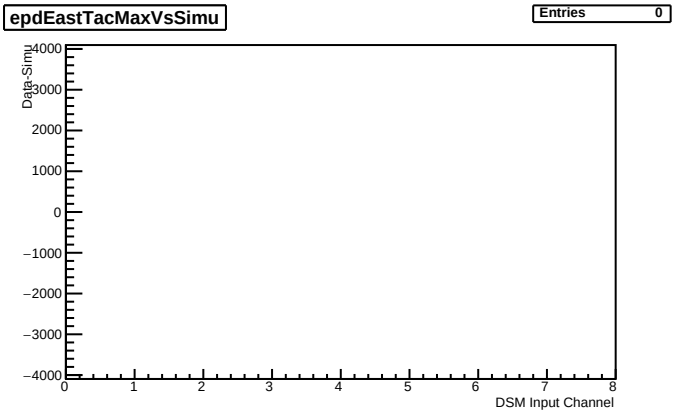

bbcSmallWestAdcSum
Entries 97364

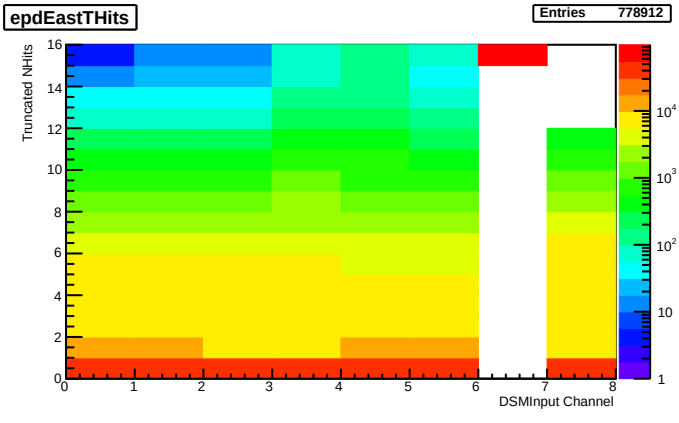

bbcSmallWestAdcSumVsSimu
Entries 69050
Data
Simu

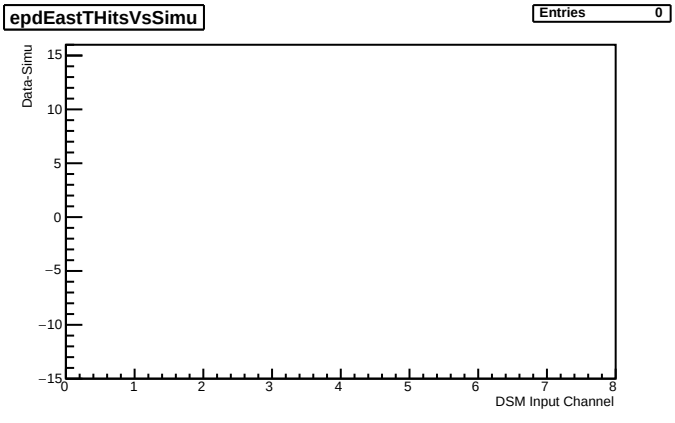

bbcSmallWestTacMax
Entries 97364

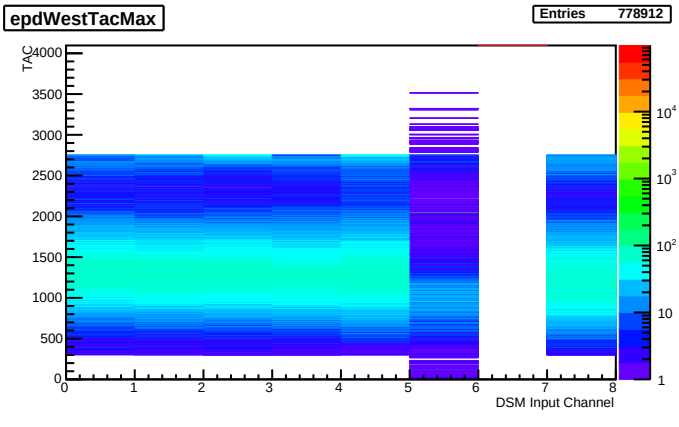

bbcSmallWestTacMaxVsSimu
Entries 69050
Data
Simu

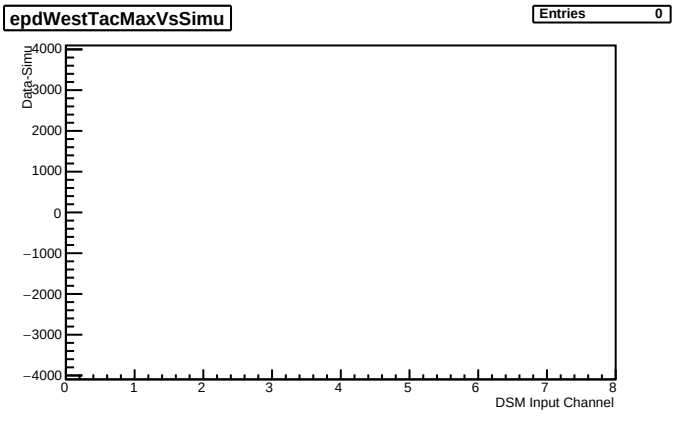

epdEastTacMax
Entries 778912
TAC
DSM Input Channel

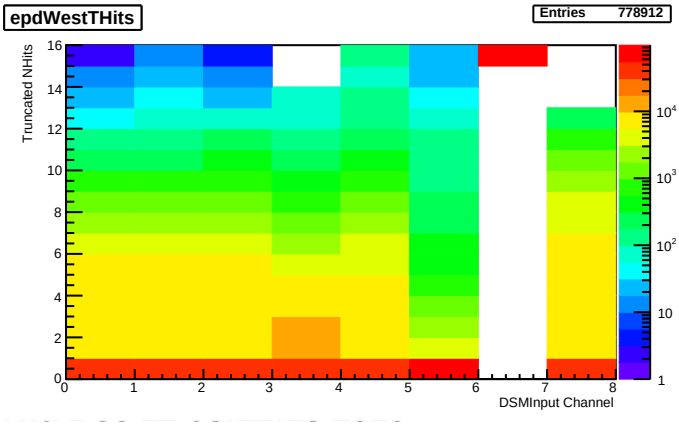

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

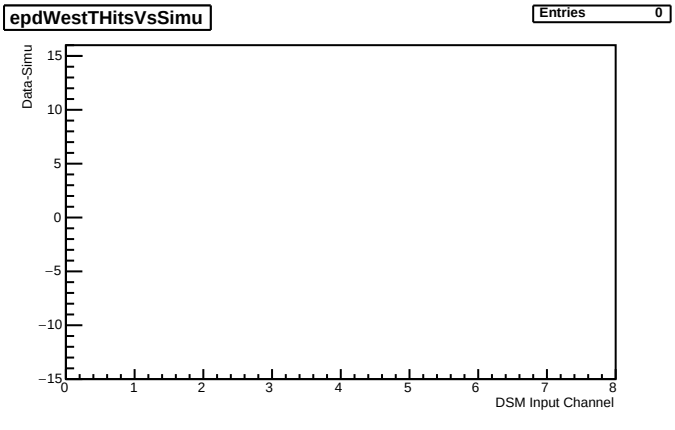

epdEastTHits
Entries 778912
Truncated NHits
DSMInput Channel

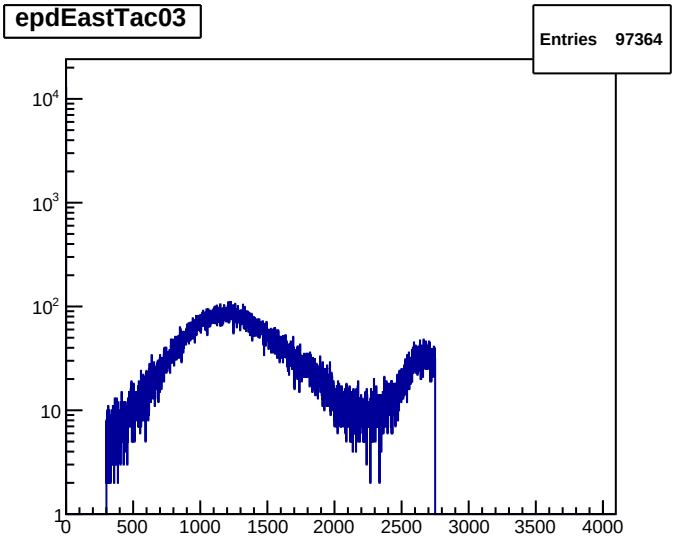

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

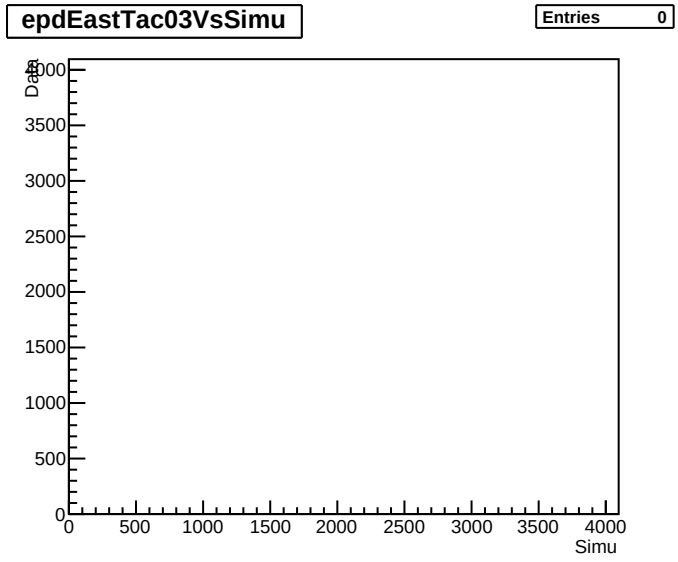

epdWestTacMax
Entries 778912
TAC
DSM Input Channel

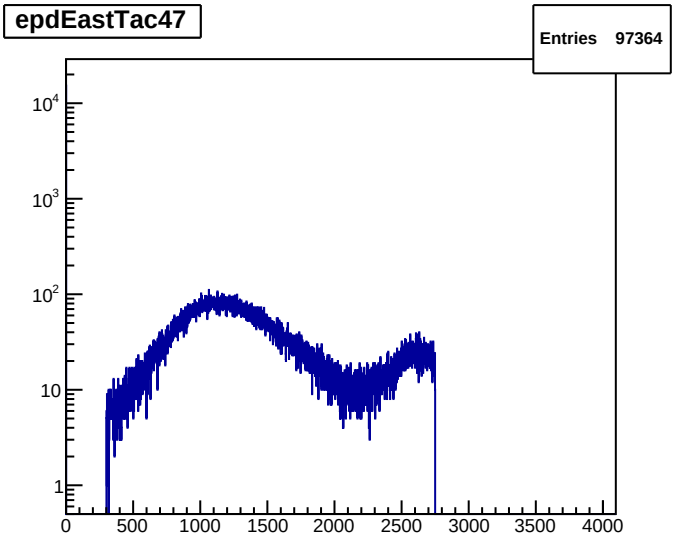

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

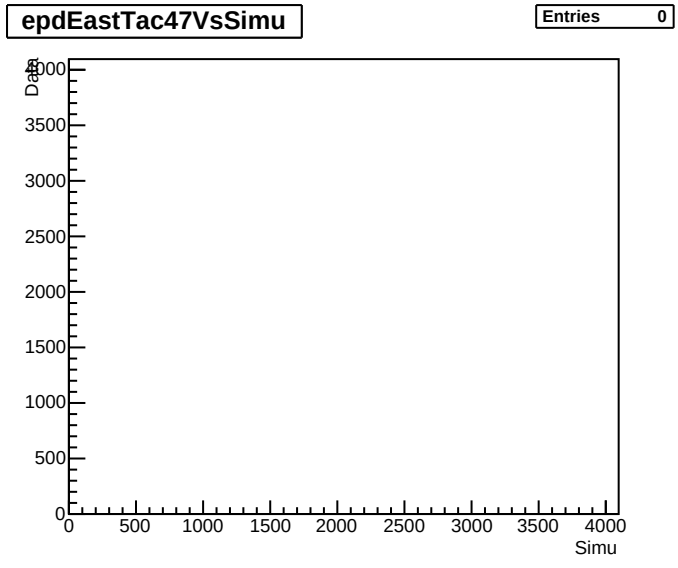

epdWestTHits
Entries 778912
Truncated NHits
DSMInput Channel

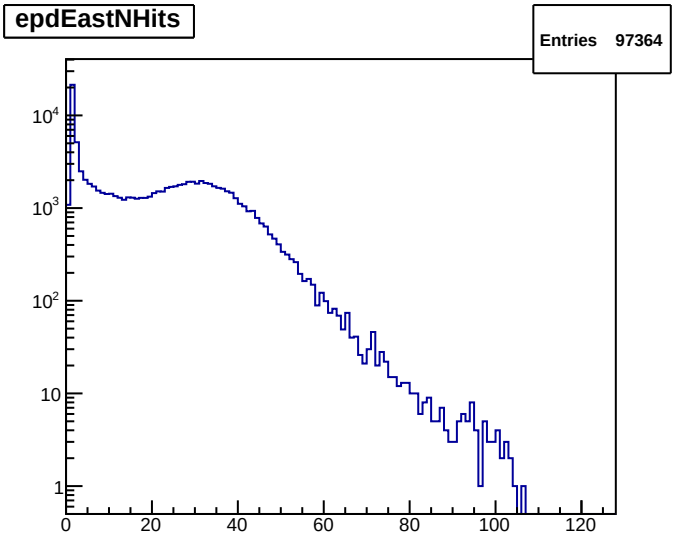

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

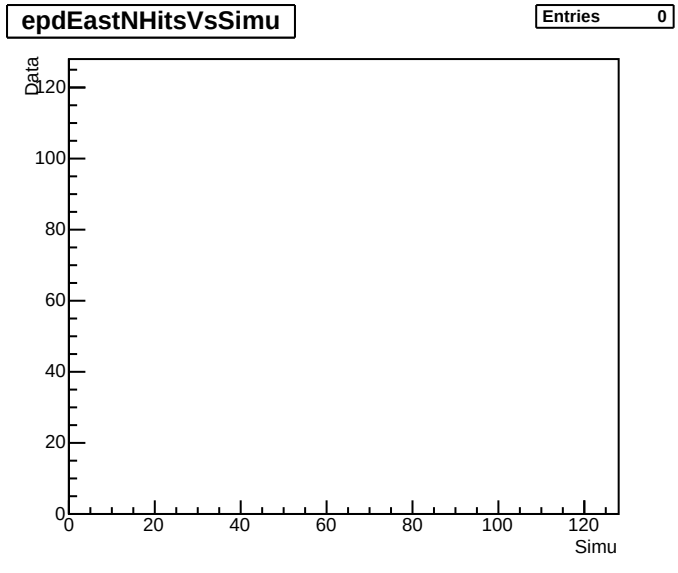

epdEastTac03
Entries 97364

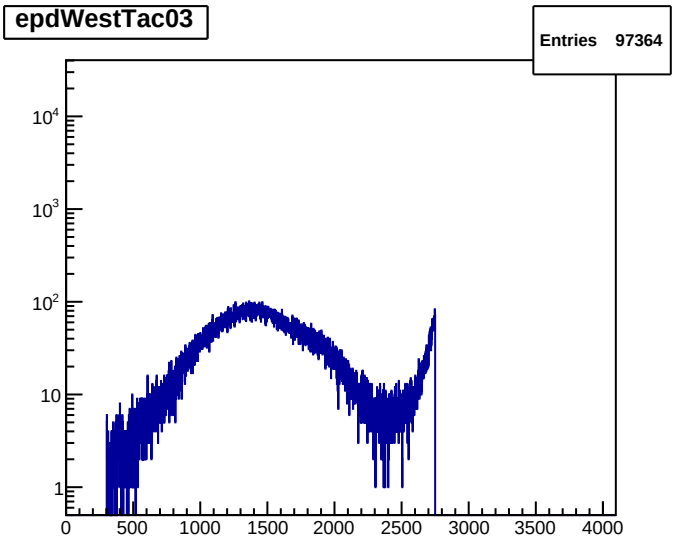

epdEastTac03VsSimu
Entries 0
Data
Simu

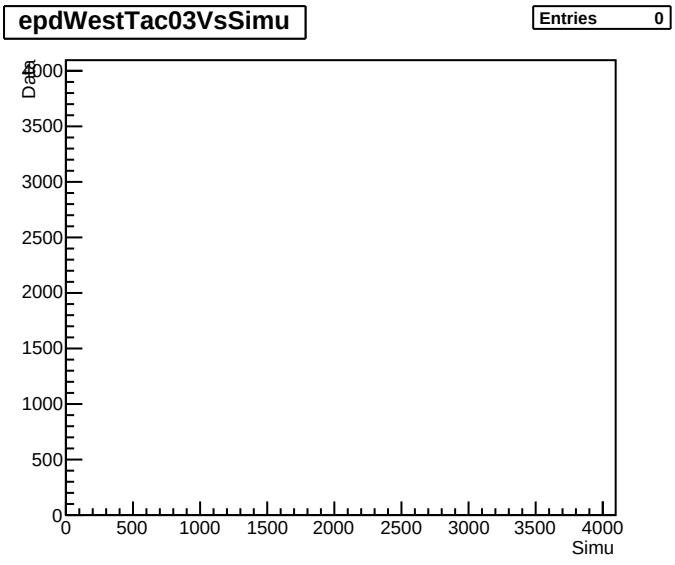

epdEastTac47
Entries 97364

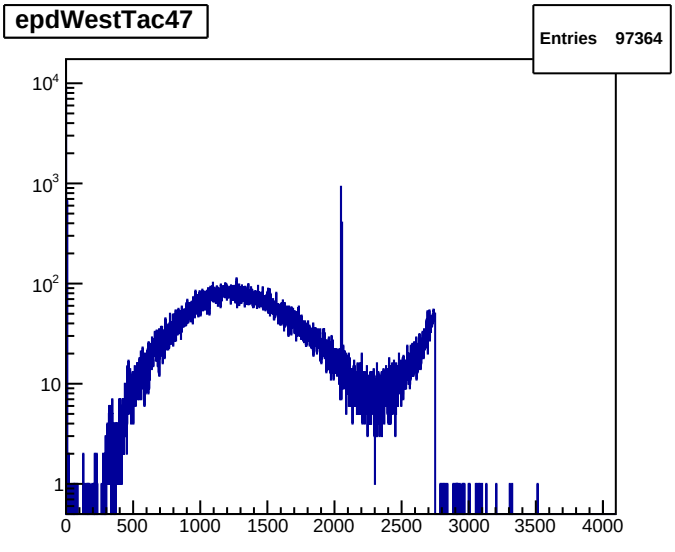

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 97364


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 97364


epdWestTac03VsSimu
Entries 0
Data
Simu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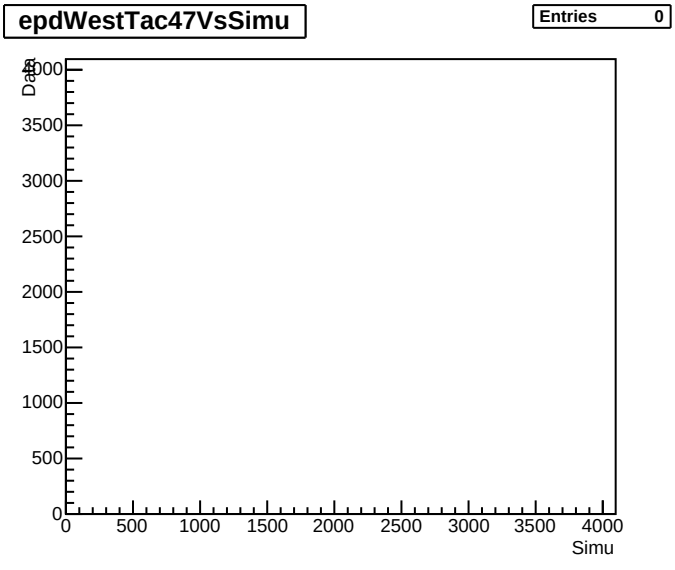
Entries 97364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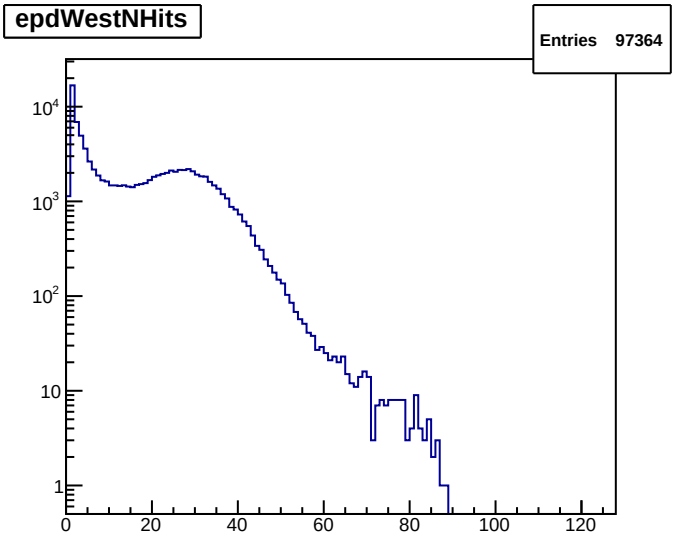
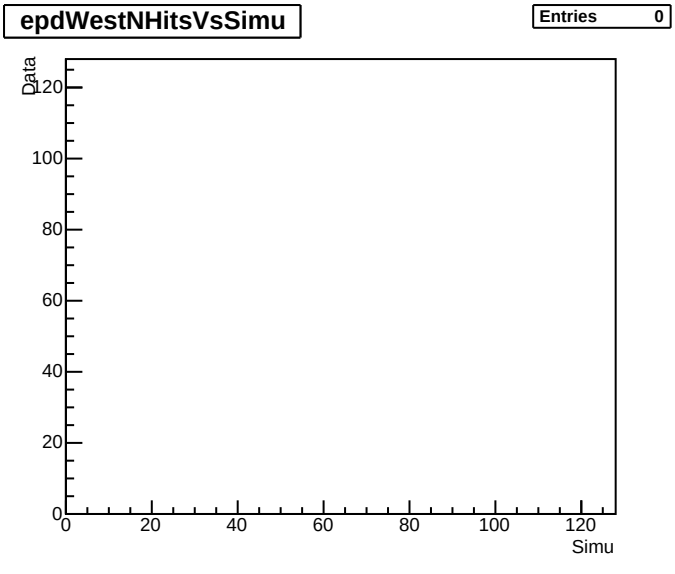
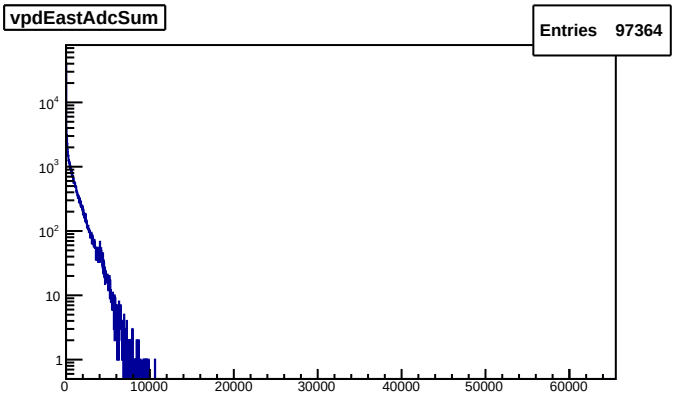
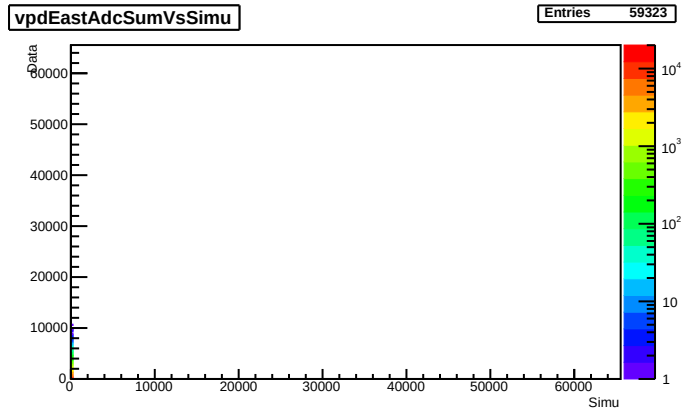
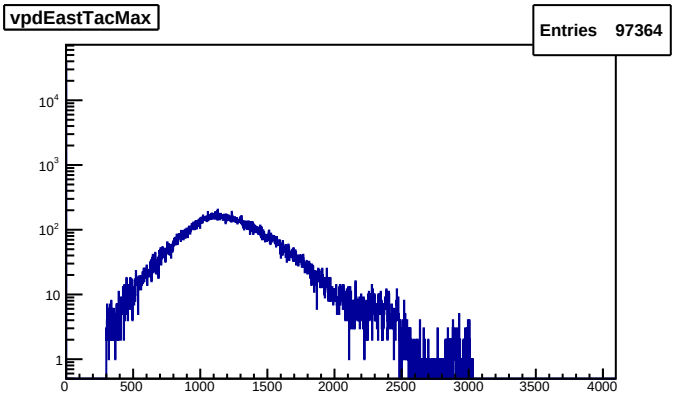
Entries 0
Data
Simu

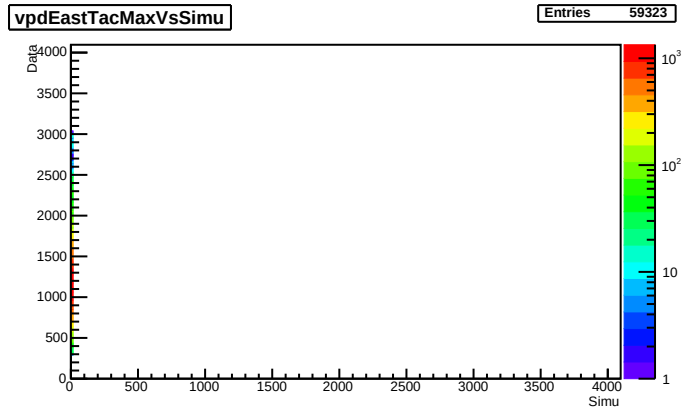

epdWestNHits
Entries 97364

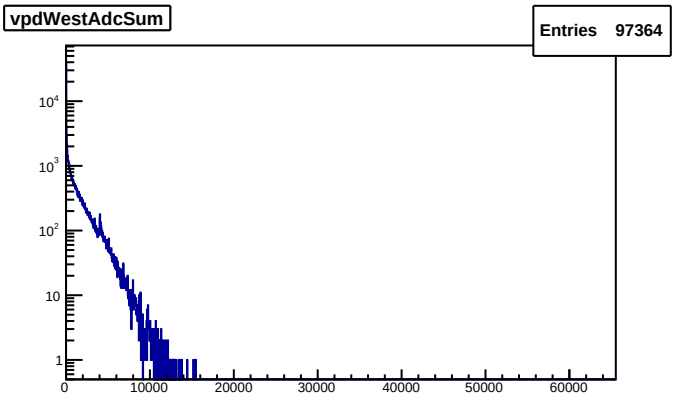

epdWestNHitsVsSimu
Entries 0
Data
Simu

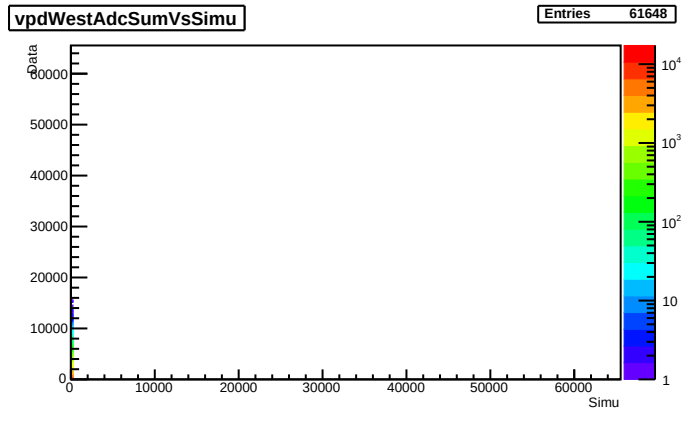

vpdEastAdcSum
Entries 97364

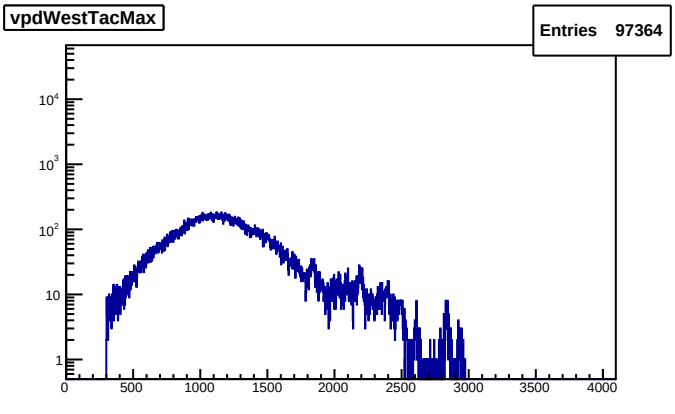

vpdEastAdcSumVsSimu
Entries 59323
Data
Simu

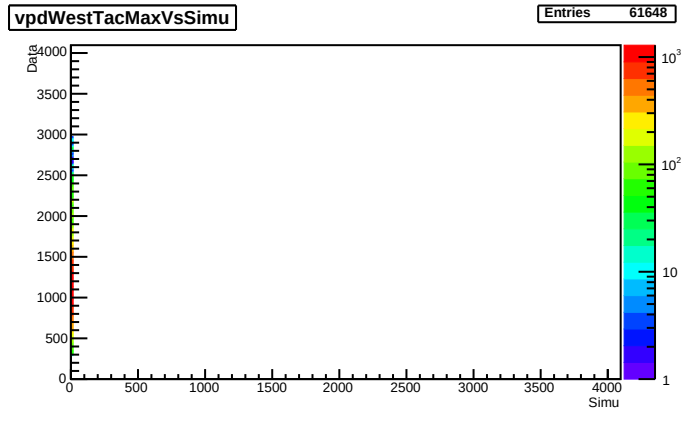

vpdEastTacMax
Entries 97364

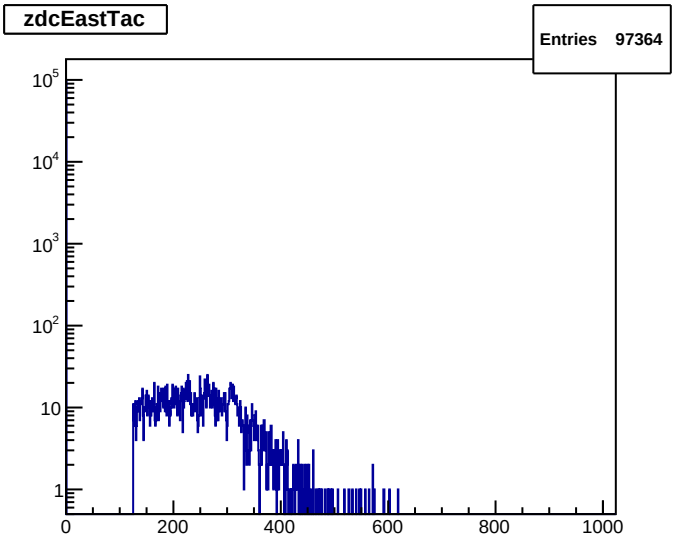

vpdEastTacMaxVsSimu
Entries 59323
Data
Simu

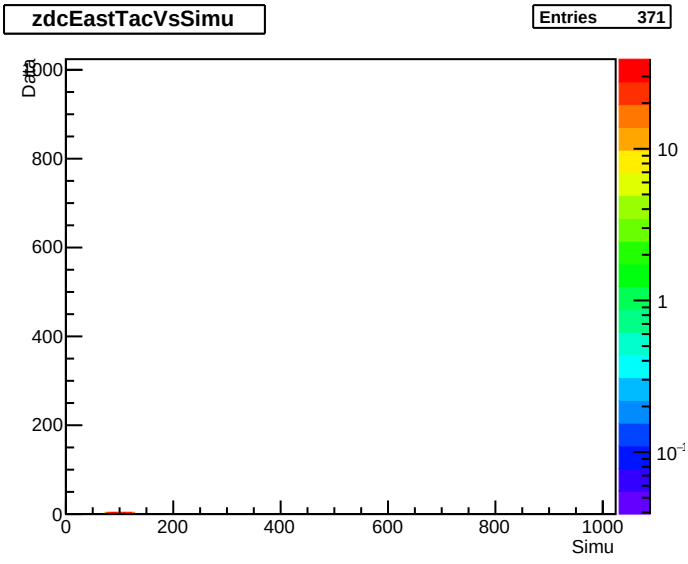

vpdWestAdcSum
Entries 97364

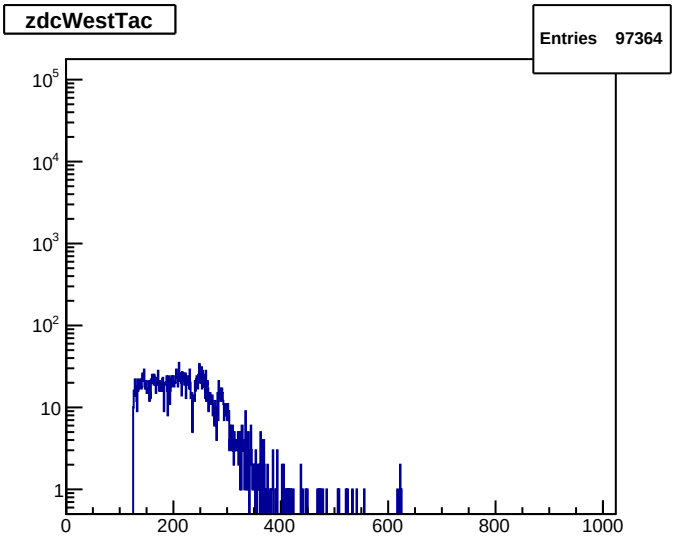

vpdWestAdcSumVsSimu
Entries 61648
Data
Simu

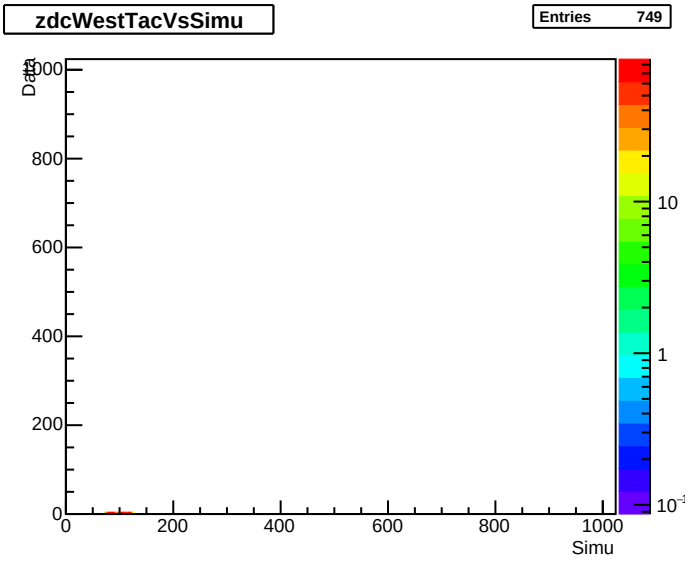

vpdWestTacMax
Entries 97364

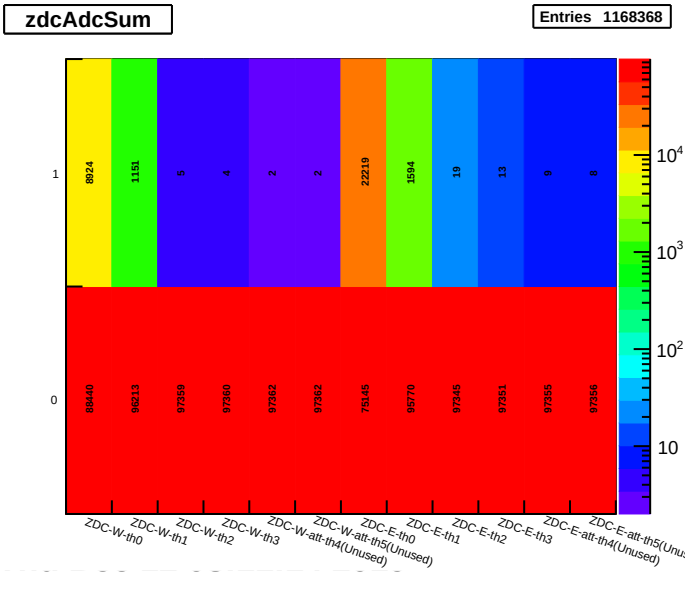

vpdWestTacMaxVsSimu
Entries 61648
Data
Simu

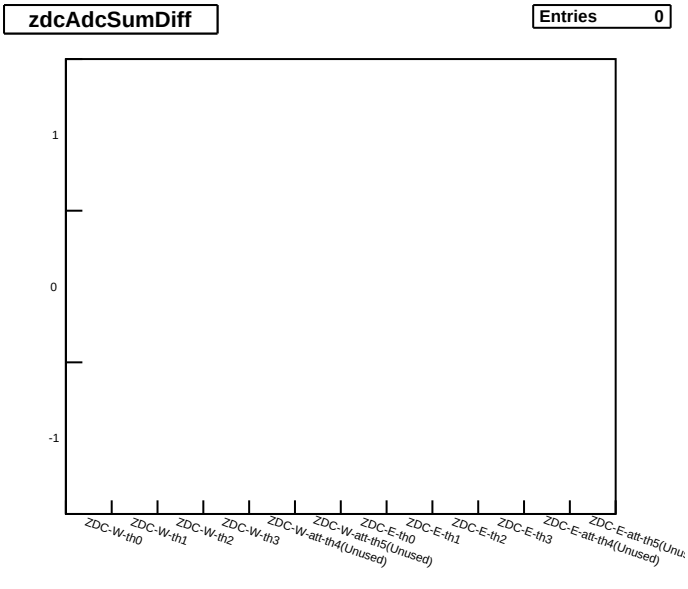

zdcEastTac
Entries 97364

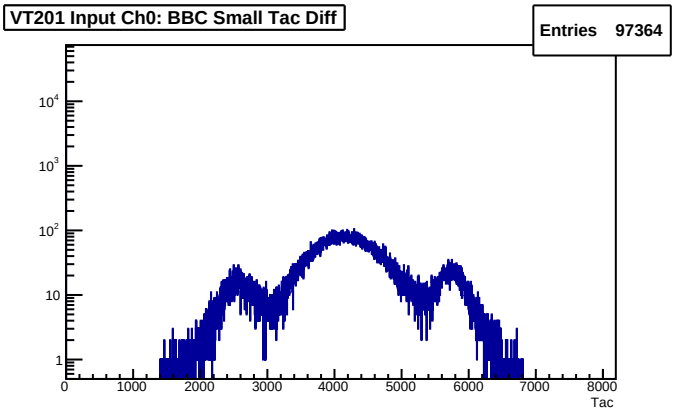

zdcEastTacVsSimu
Entries 371
Data
Simu

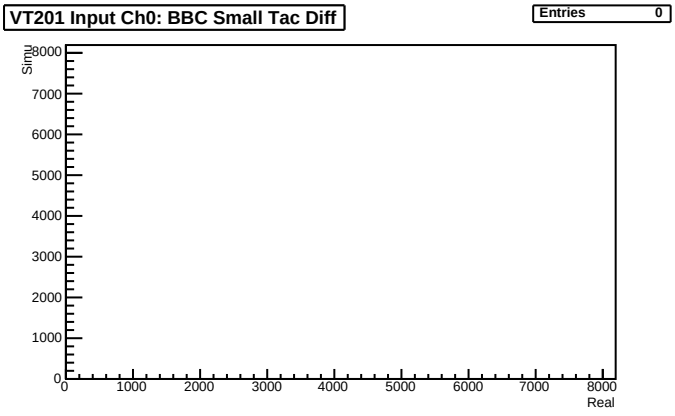

zdcWestTac
Entries 97364

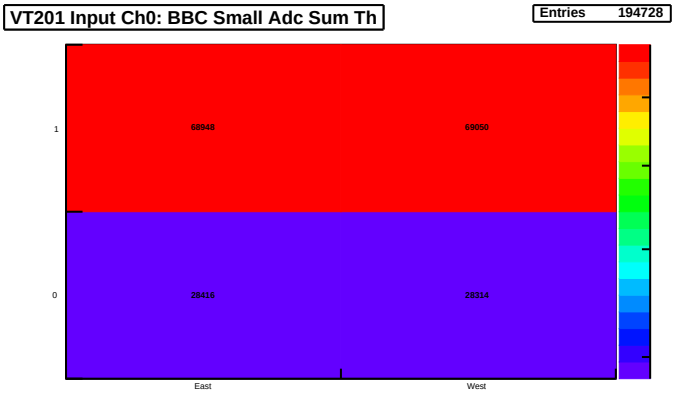

zdcWestTacVsSimu
Entries 749
Data
Simu

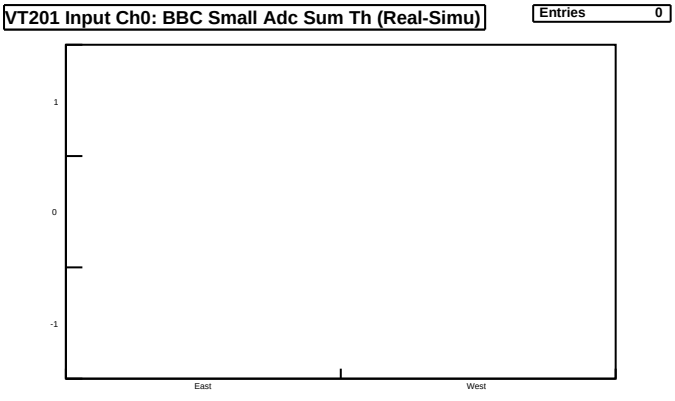

zdcAdcSum
Entries 1168368
8924
1151
5
4
2
2
22219
1594
19
13
9
8
88440
96213
97359
97360
97362
97362
75145
95770
97245
97351
97355
97356
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

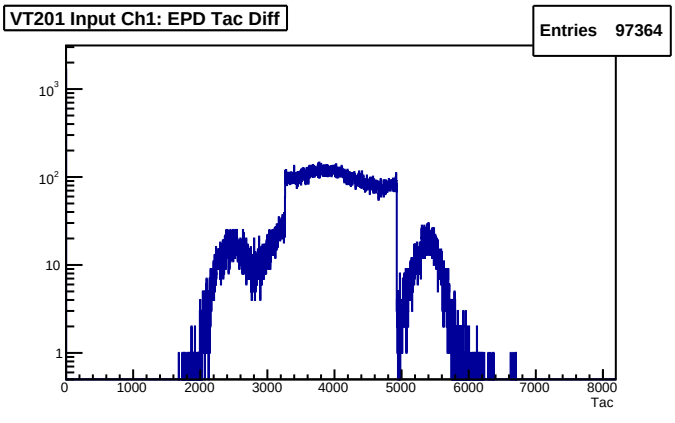

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

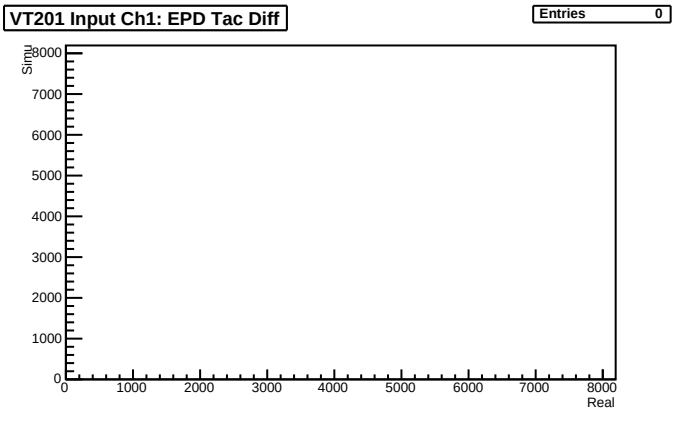

VT201 Input Ch0: BBC Small Tac Diff
Entries 97364
Tac

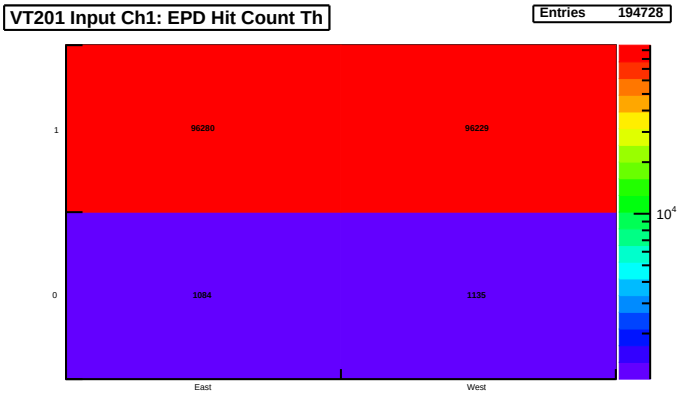

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

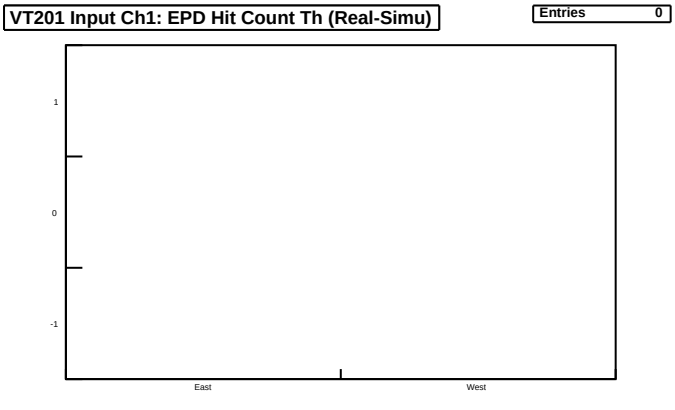

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 194728
68948
69050
28416
28314
East
West

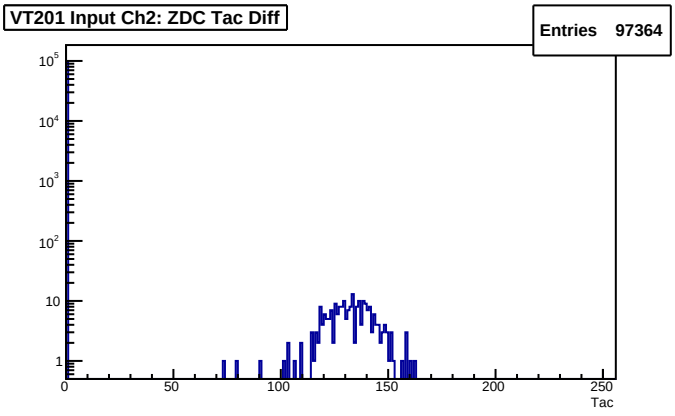

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

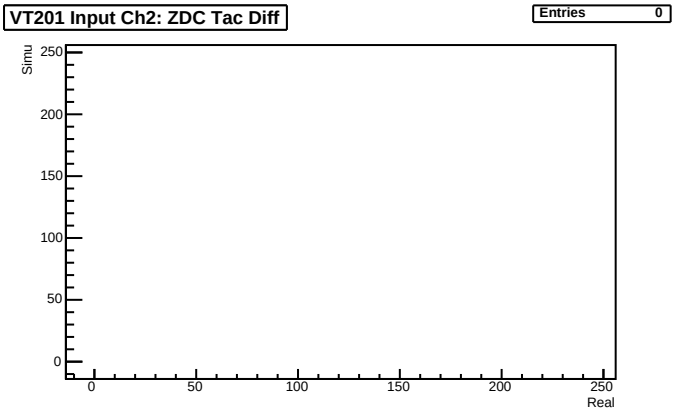

VT201 Input Ch1: EPD Tac Diff
Entries 97364
Tac

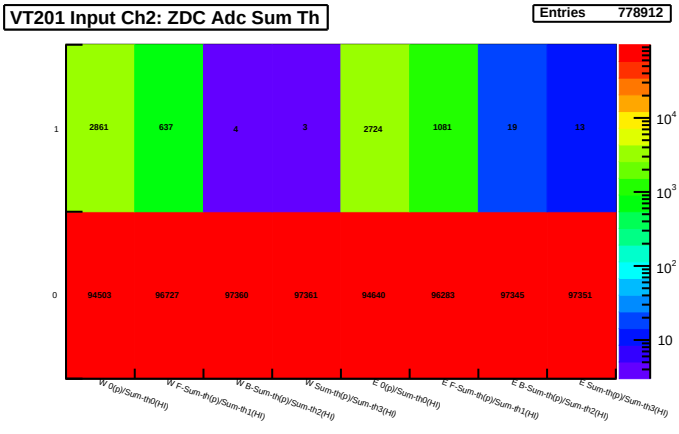

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

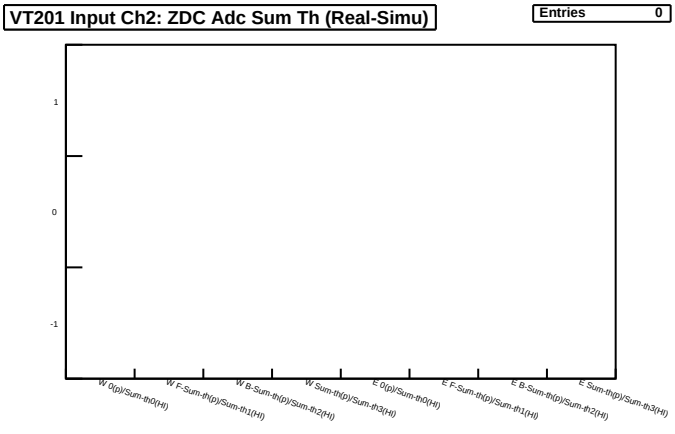

VT201 Input Ch1: EPD Hit Count Th
Entries 194728
96280
96229
1084
1135
East
West

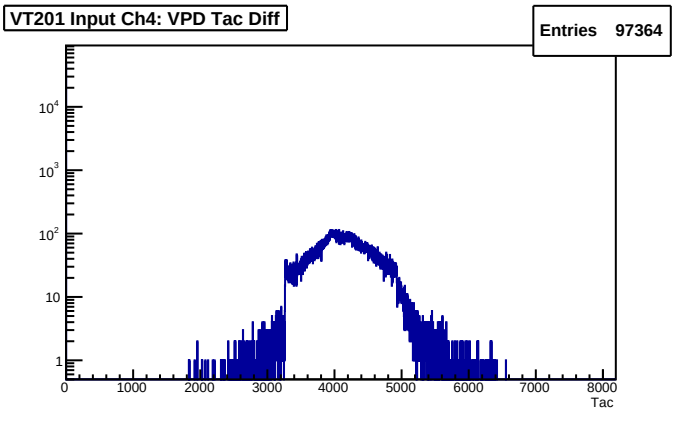

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

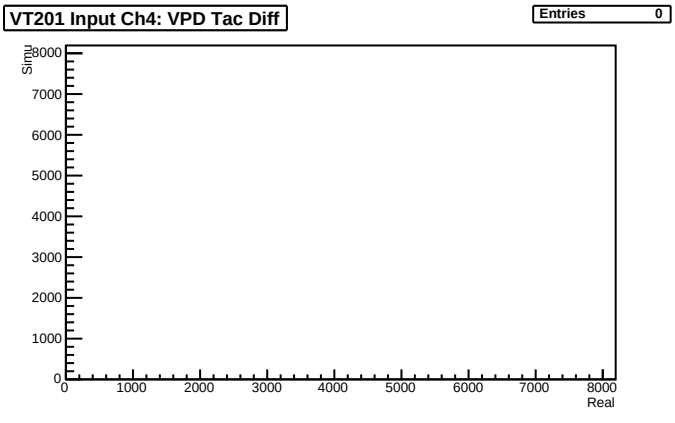

VT201 Input Ch2: ZDC Tac Diff
Entries 97364
Tac

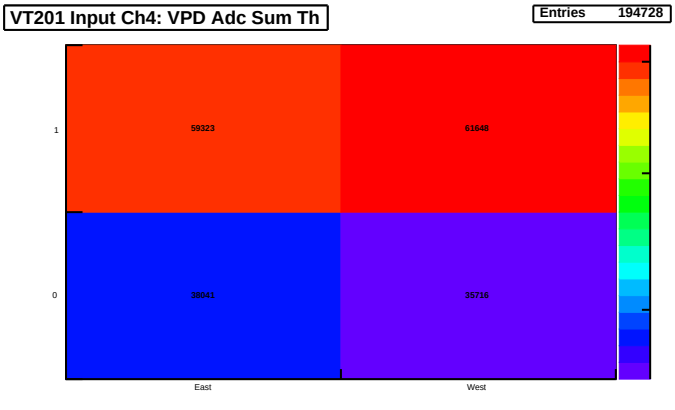

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

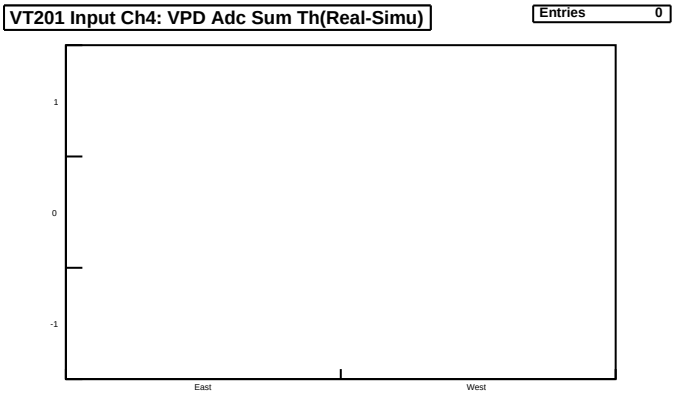

VT201 Input Ch2: ZDC Adc Sum Th
Entries 778912
2861
637
4
3
2724
1081
19
13
94503
96727
97360
97361
94640
96283
97345
97351
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

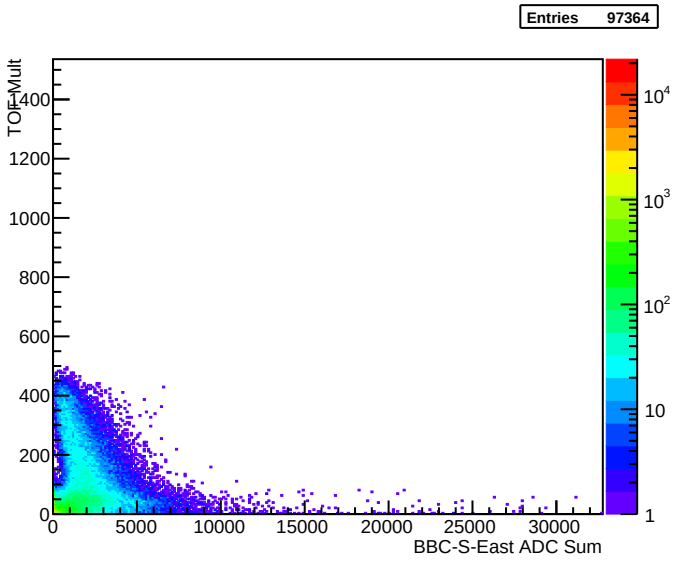

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

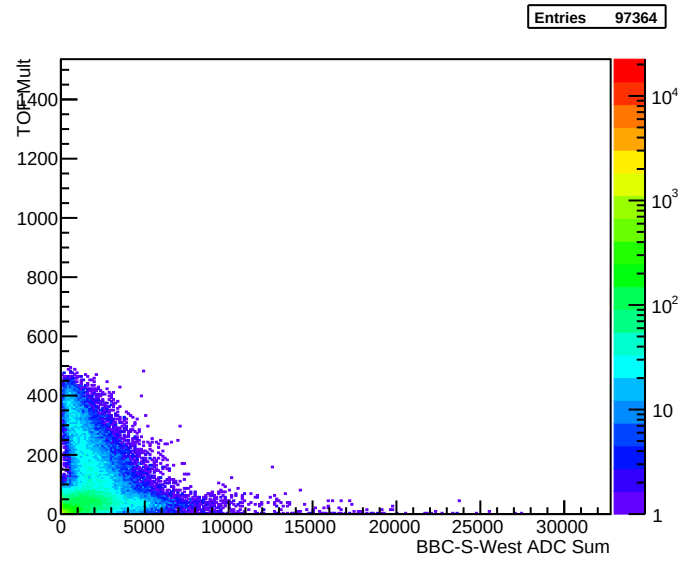

VT201 Input Ch4: VPD Tac Diff
Entries 97364
Tac

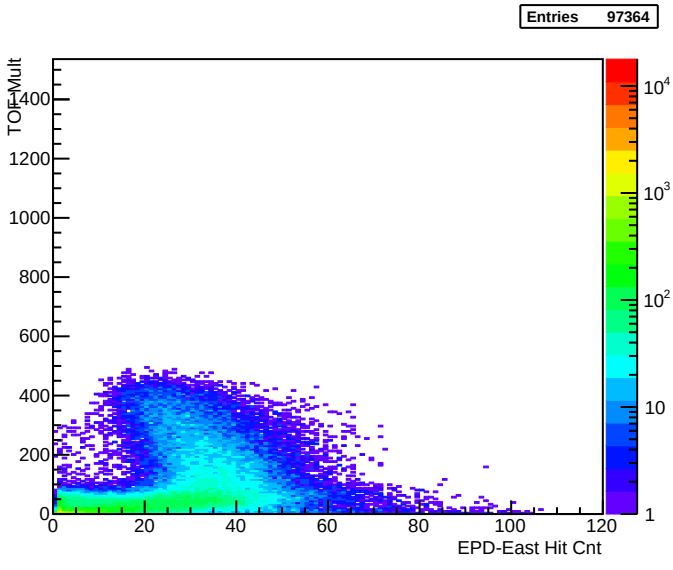

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

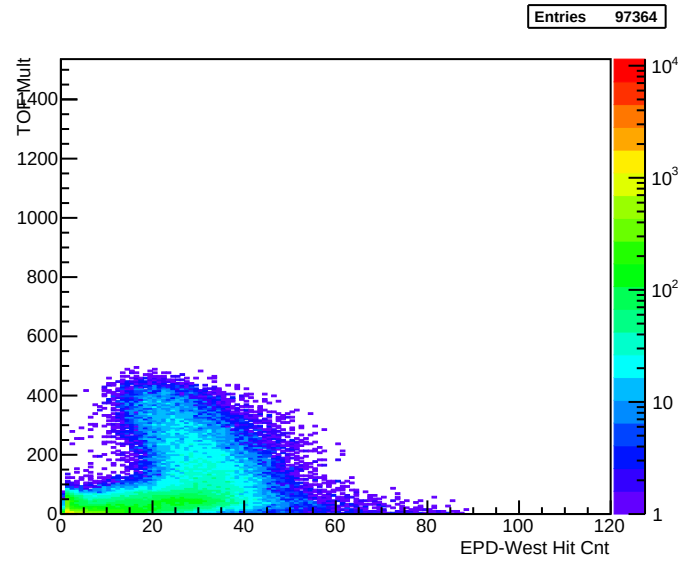

VT201 Input Ch4: VPD Adc Sum Th
Entries 194728
59323
61648
38041
35716
East
West

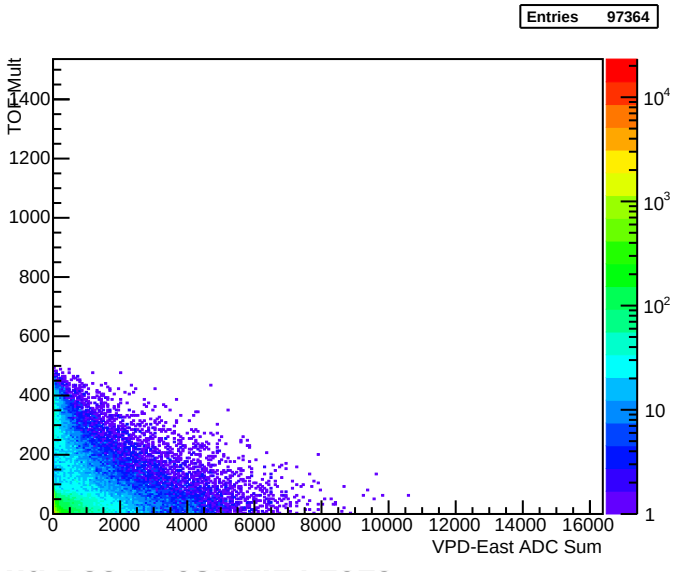

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

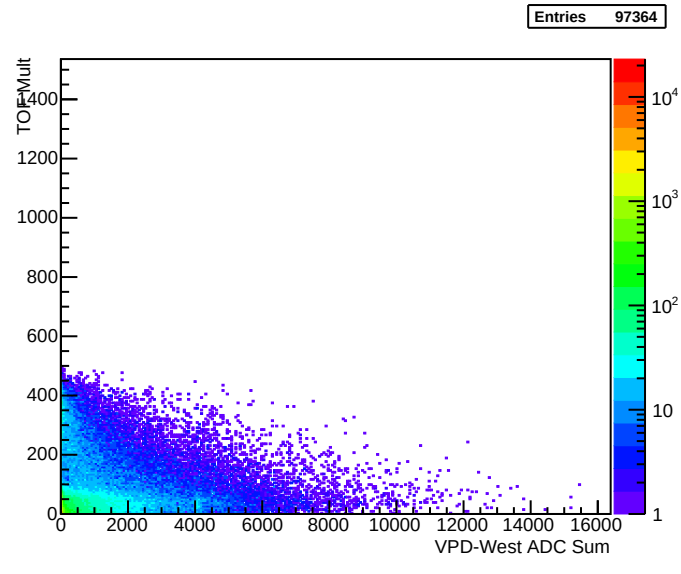

Entries 97364
TOF-Mult
BBC-S-East ADC Sum

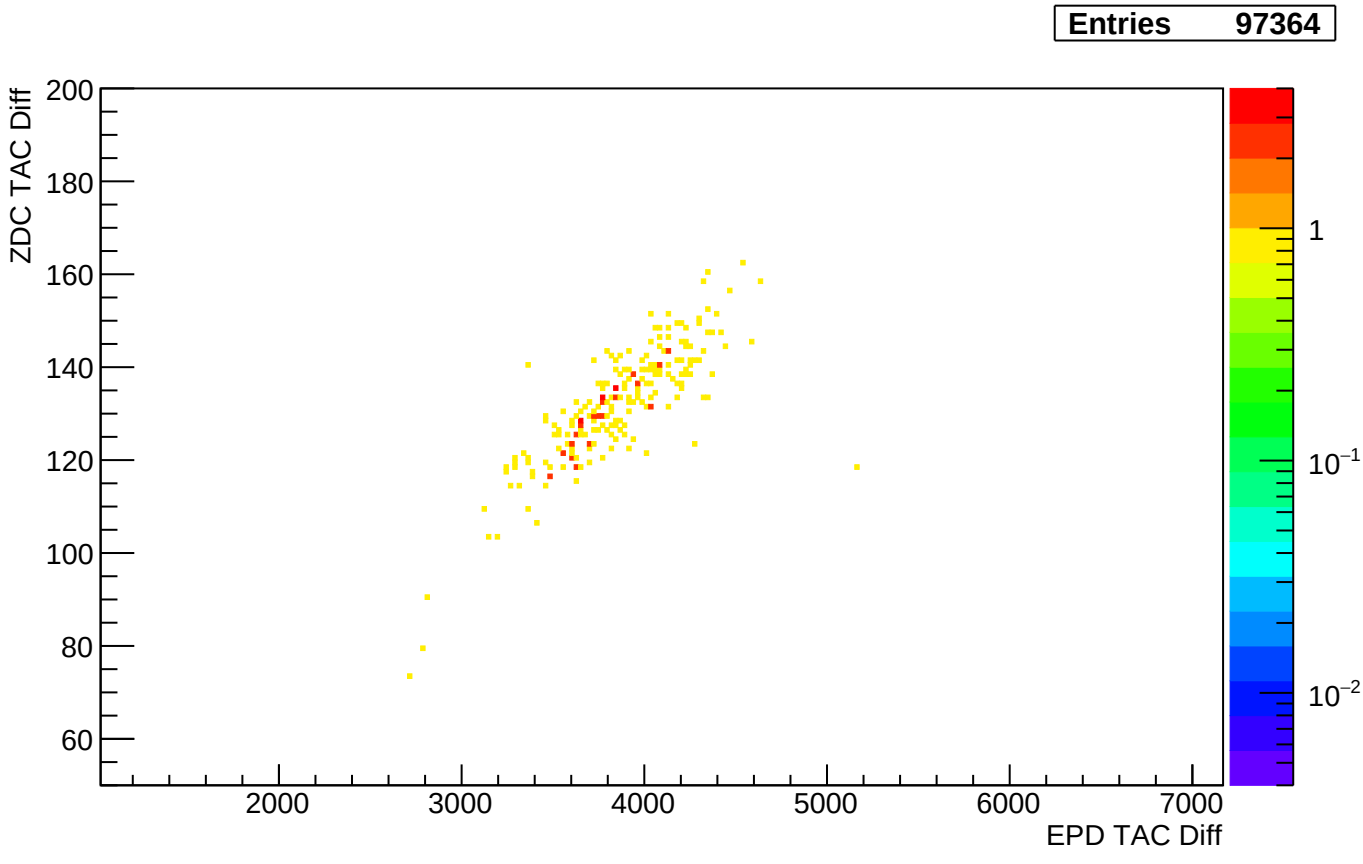

Entries 97364
TOF-Mult
BBC-S-West ADC Sum

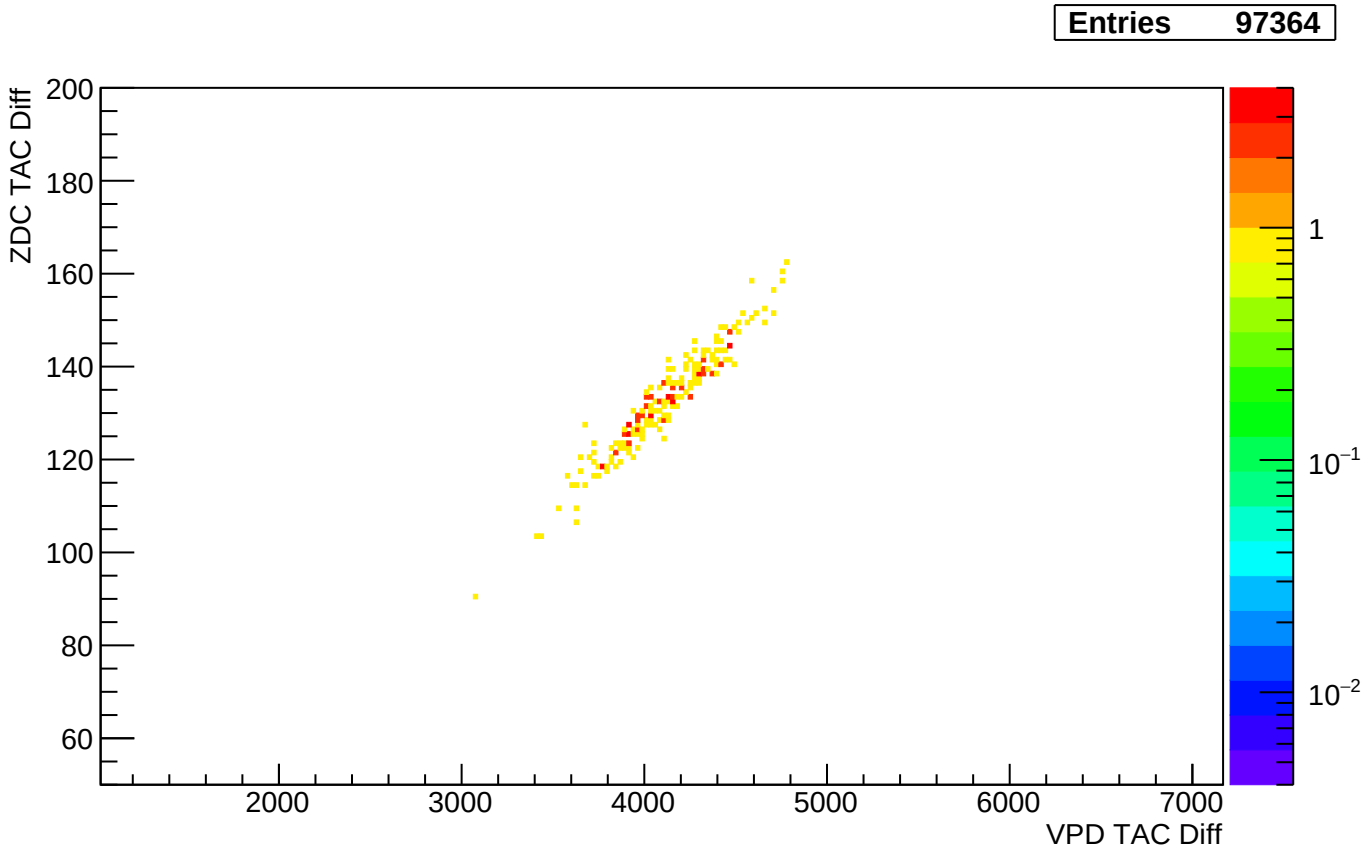

Entries 97364
TOF-Mult
EPD-East Hit Cnt

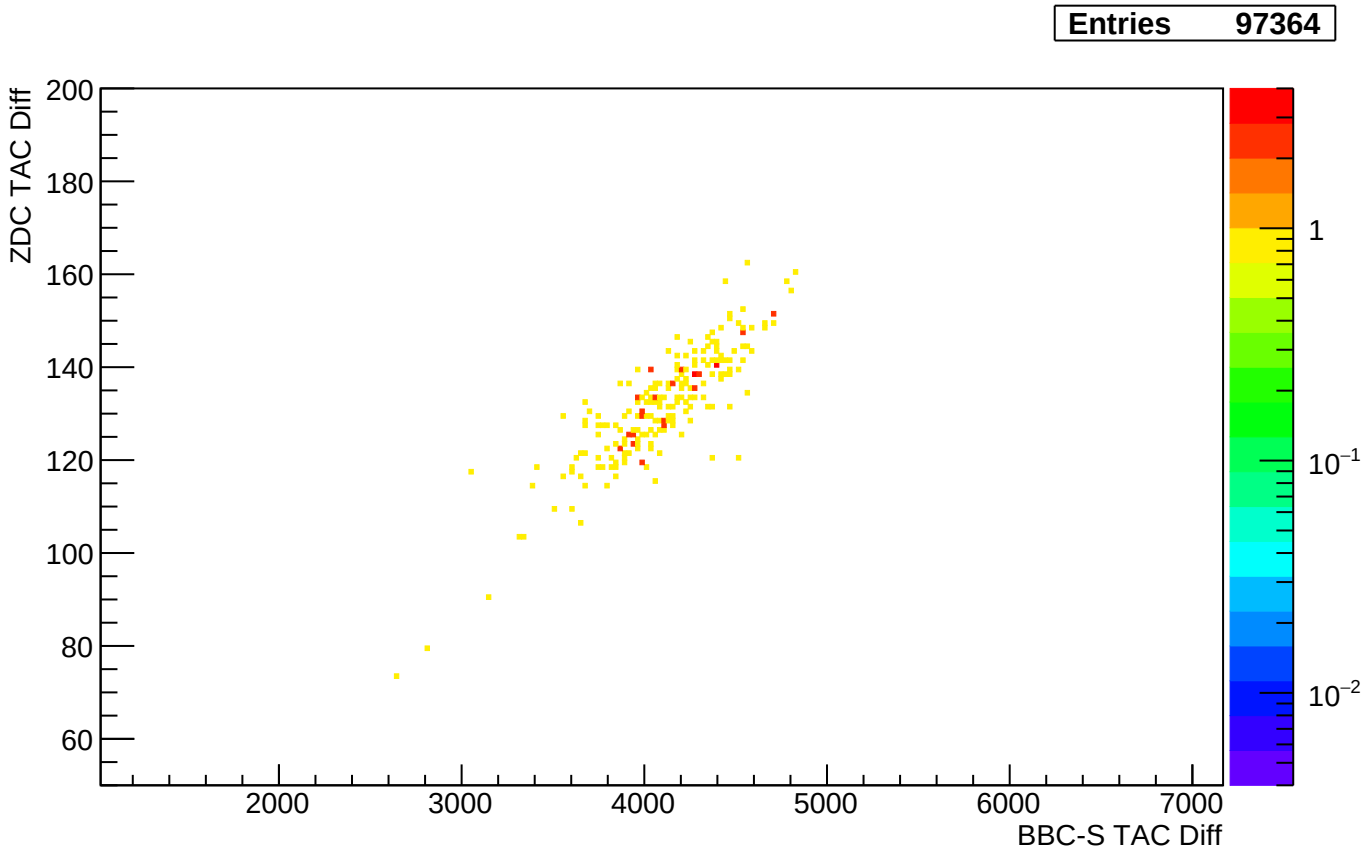

Entries 97364
TOF-Mult
EPD-West Hit Cnt

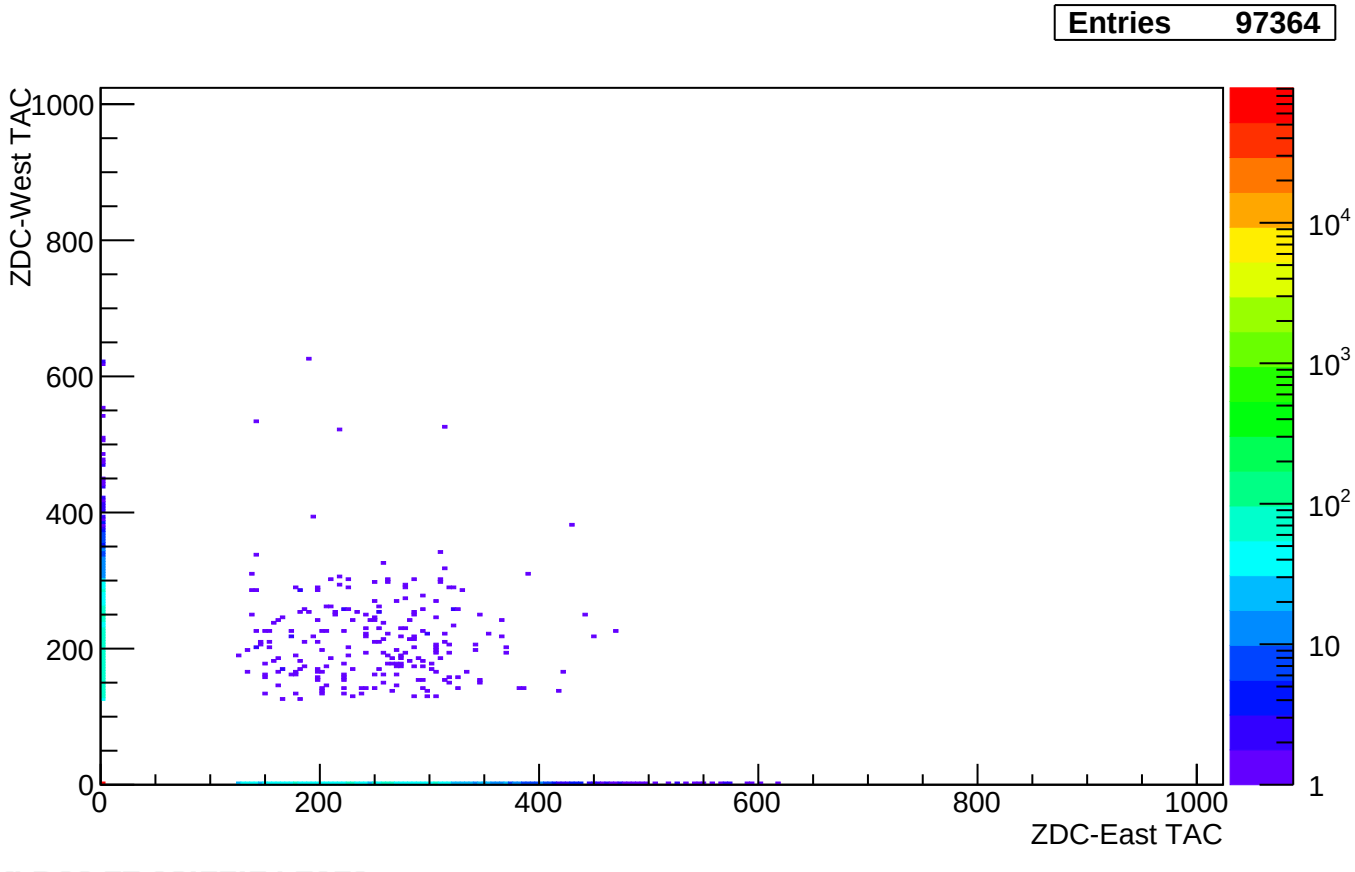

Entries 97364
TOF-Mult
VPD-East ADC Sum

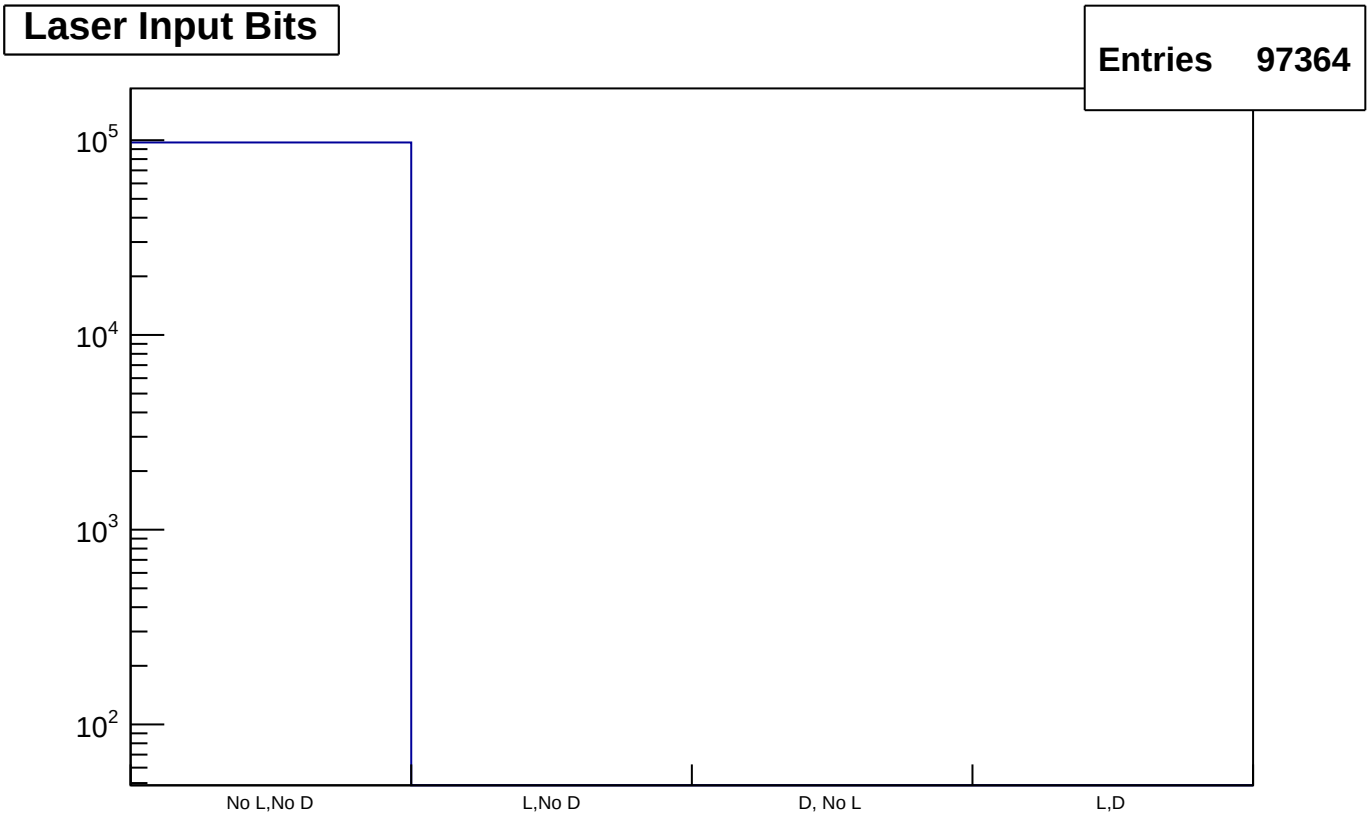

Entries 97364
TOF-Mult
VPD-West ADC Sum

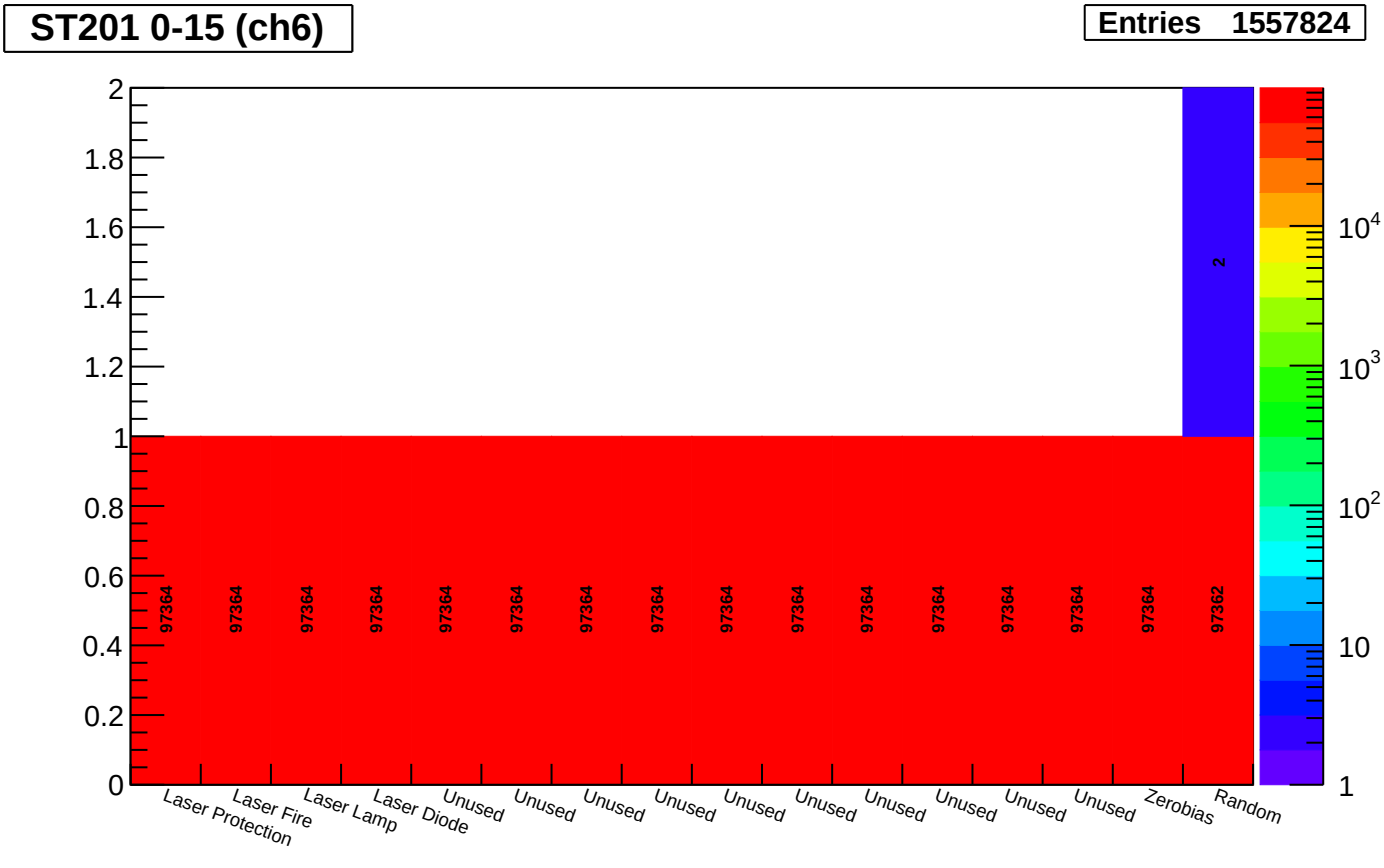

Entries 97364
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

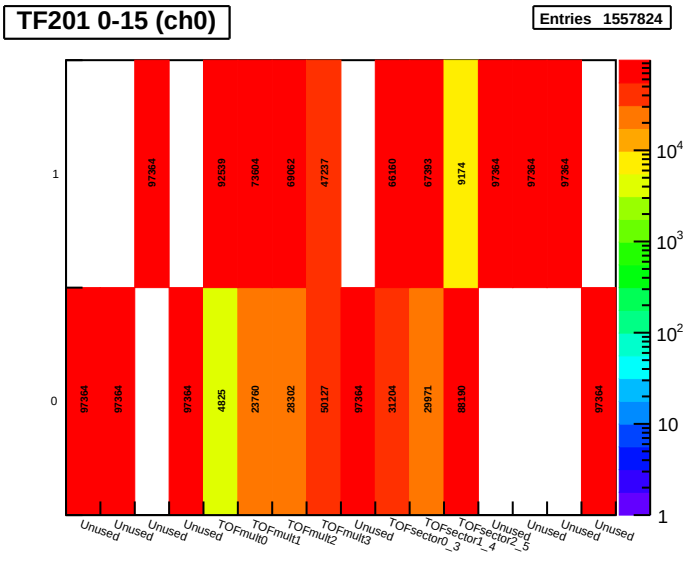

Entries 97364
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

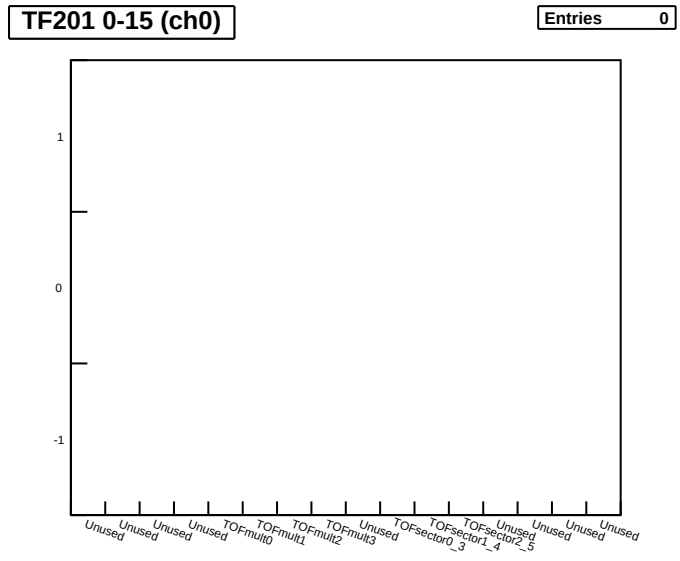

Entries 97364
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

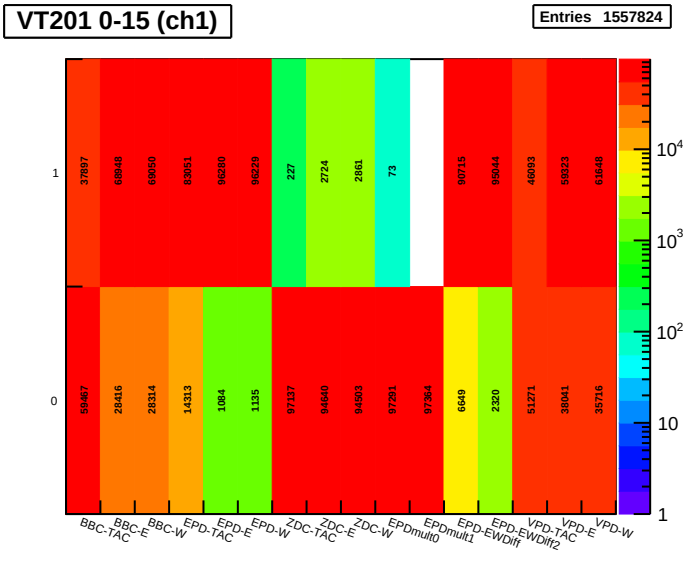

Entries 97364
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

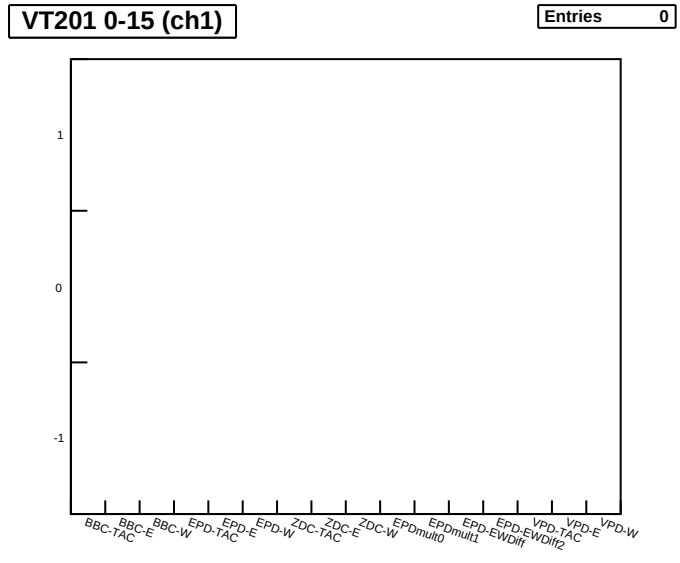

Laser Input Bits
Entries 97364
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

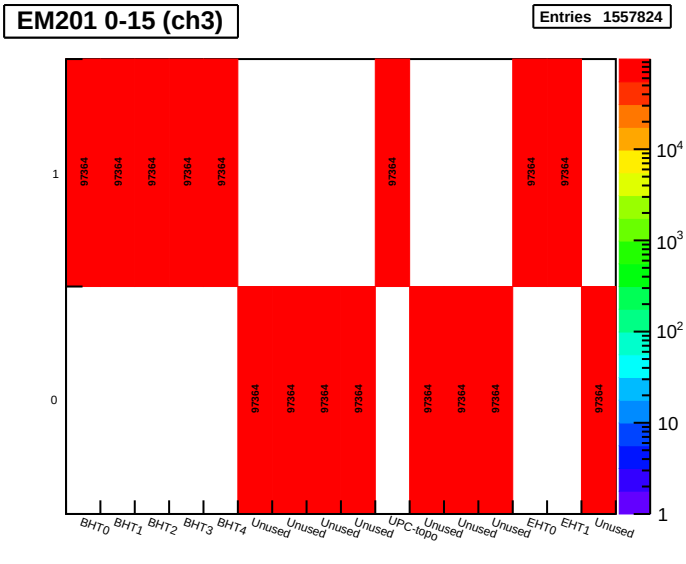

ST201 0-15 (ch6)
Entries 1557824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
97364
97362
2
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

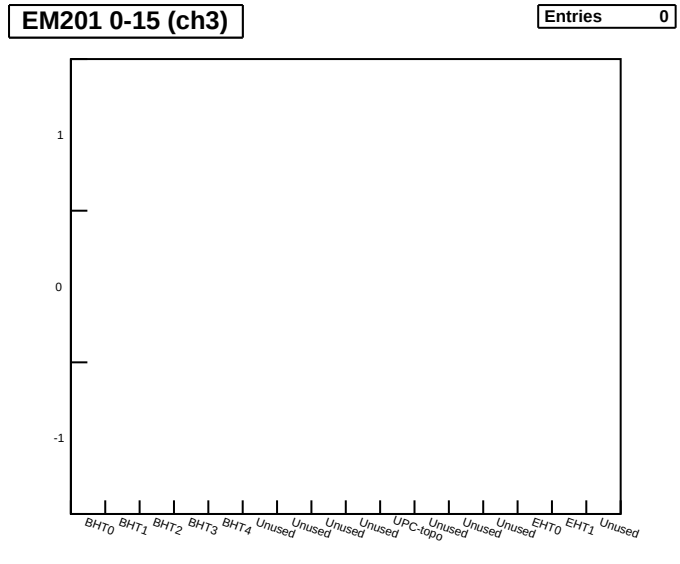

TF201 0-15 (ch0)
Entries 1557824
97364 92539 73604 69062 47237 66160 67393 9174 97364 97364 97364
97364 97364 97364 4825 23760 28302 50127 97364 31204 29971 88190 97364
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1557824
37897 68948 69050 83051 96280 96229 227 2724 2861 73 90715 95044 46093 53323 61648
59467 28416 28314 14313 1084 1135 97137 94640 94503 97291 97364 6649 2320 51271 38041 35716
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


VT201 0-15 (ch1)
Entries 0
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 1557824
97364 97364 97364 97364 97364 97364 97364
97364 97364 97364 97364 97364 97364 97364 97364
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused