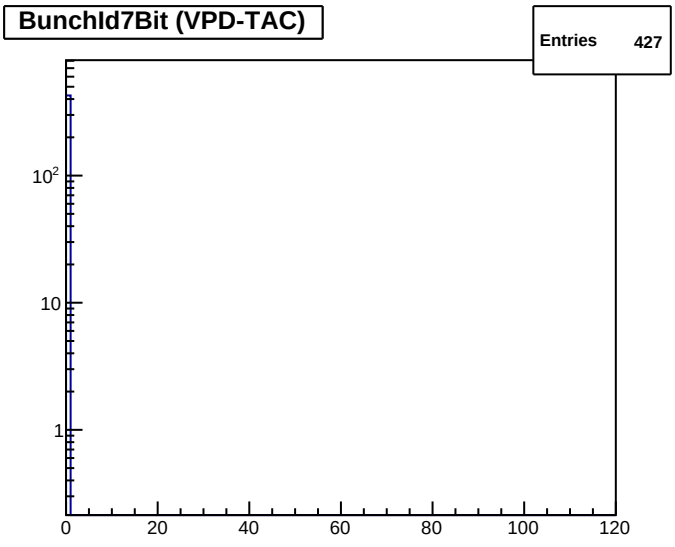
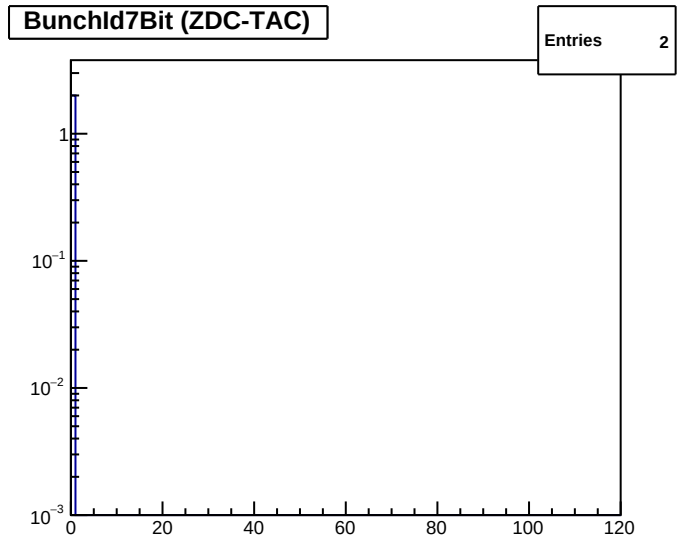
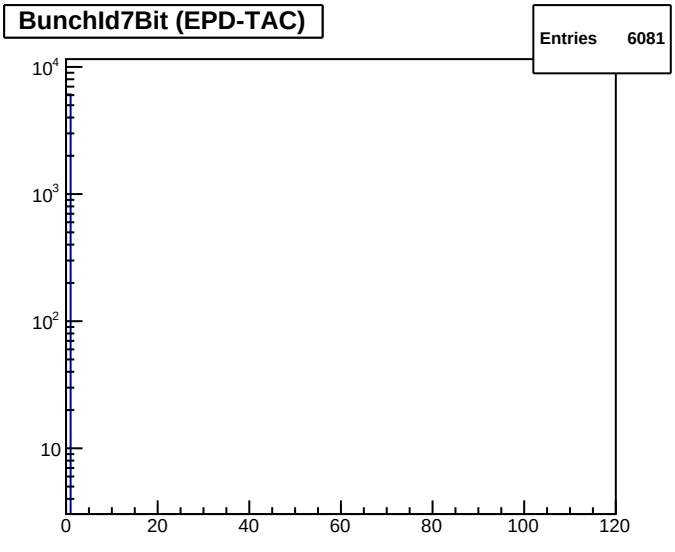
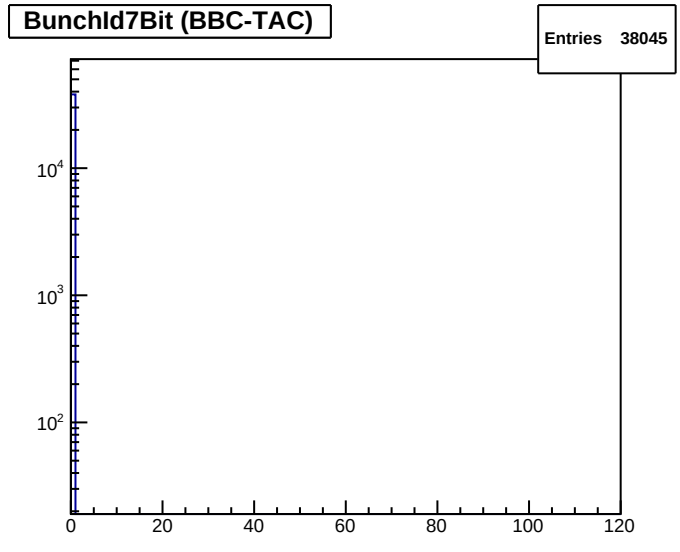
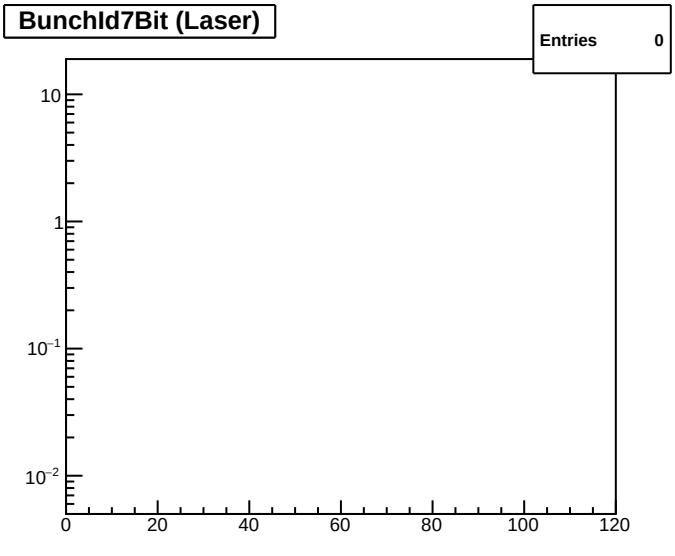
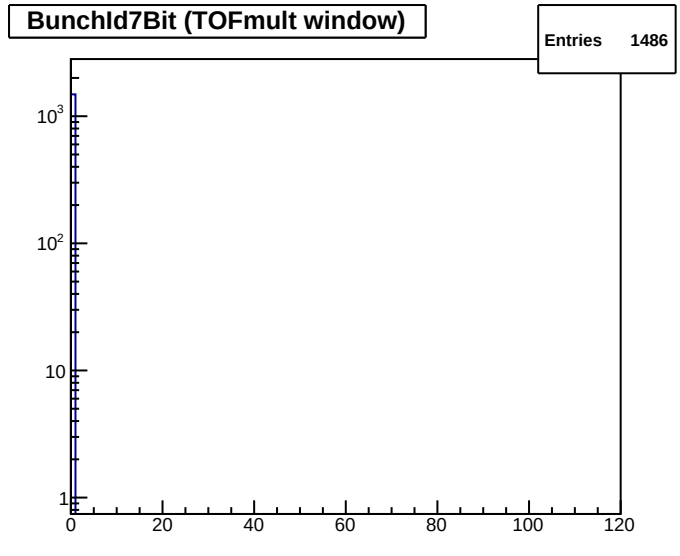

BunchId7Bit (VPD-TAC)
Entries 427

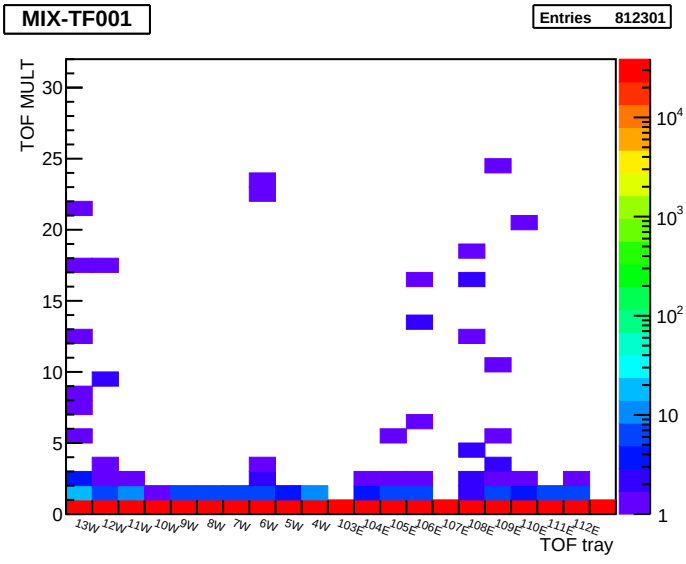

BunchId7Bit (ZDC-TAC)
Entries 2

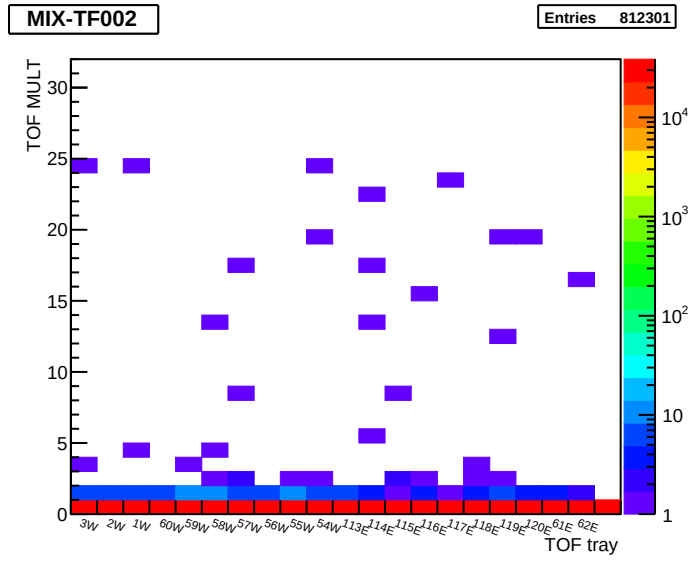

BunchId7Bit (EPD-TAC)
Entries 6081

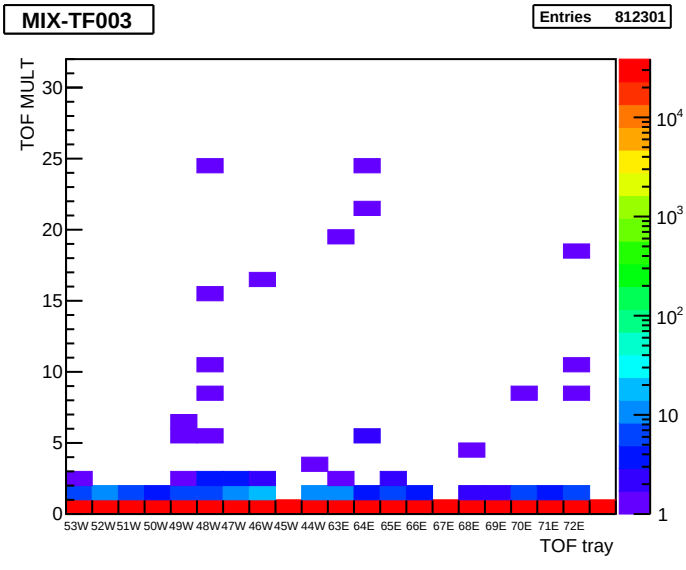

BunchId7Bit (BBC-TAC)
Entries 38045

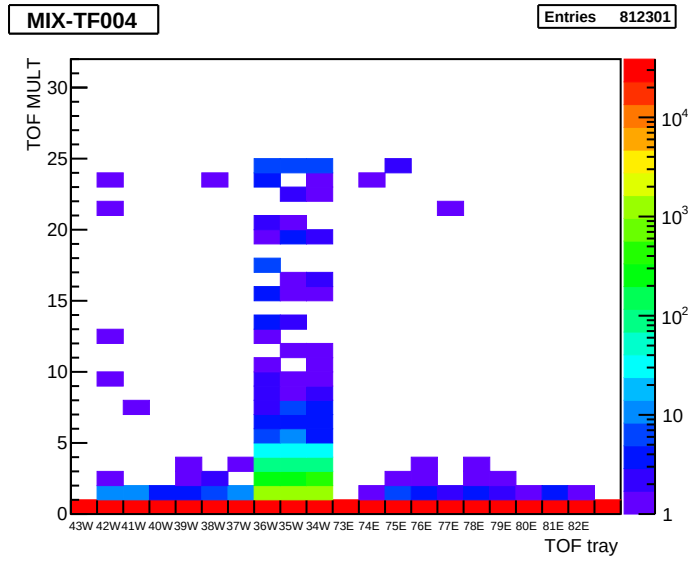

BunchId7Bit (Laser)
Entries 0

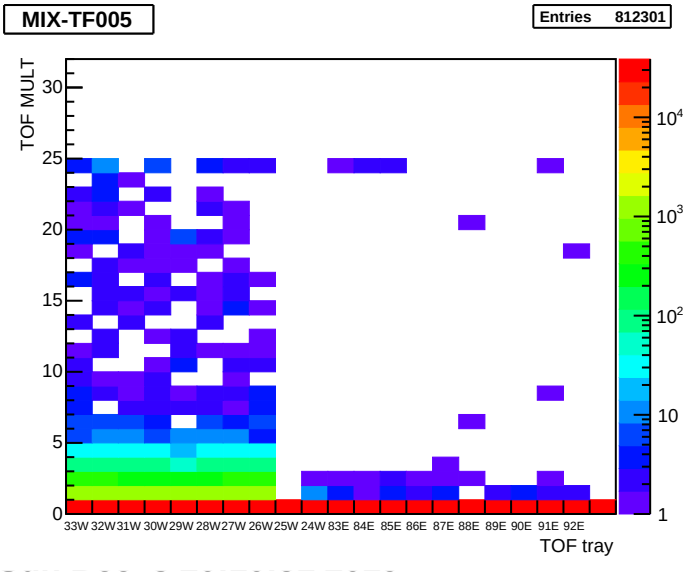

BunchId7Bit (TOFmult window)
Entries 1486

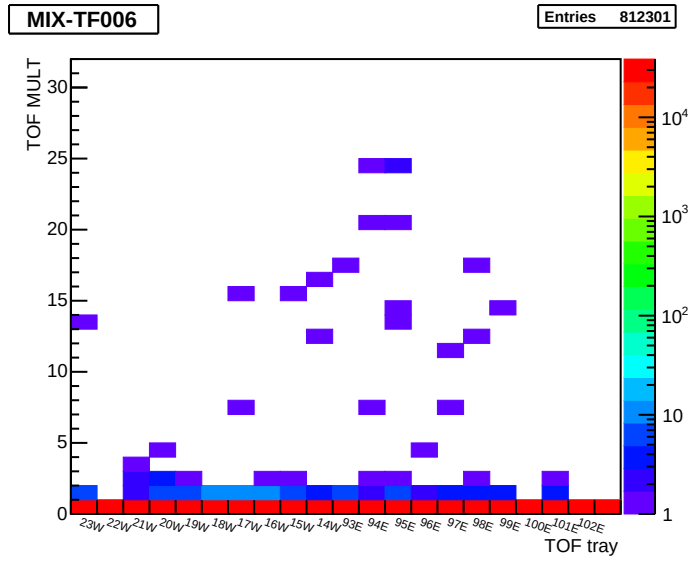

MIX-TF001
Entries 812301
TOF MULT
TOF tray

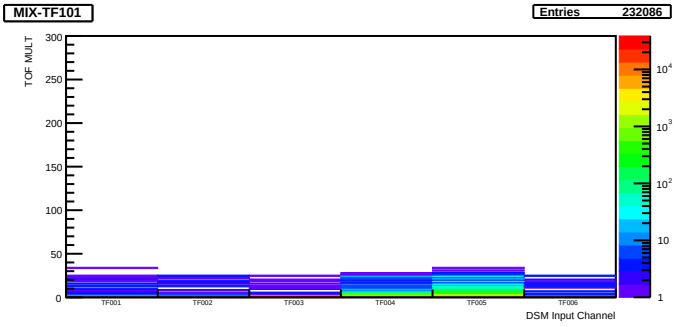

MIX-TF002
Entries 812301
TOF MULT
TOF tray

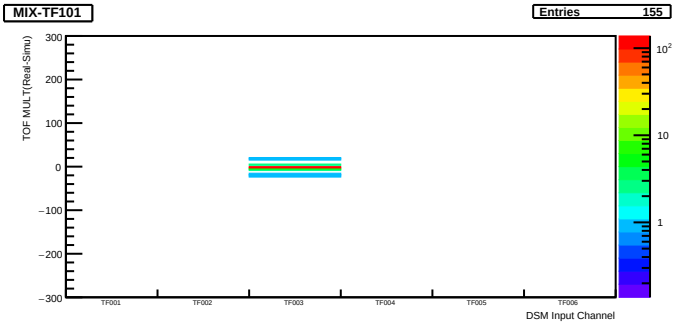

MIX-TF003
Entries 812301
TOF MULT
TOF tray

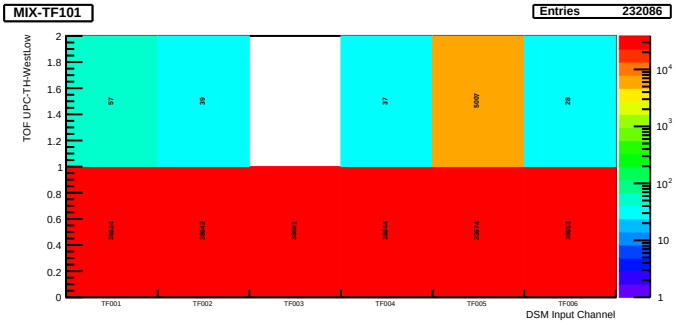

MIX-TF004
Entries 812301
TOF MULT
TOF tray

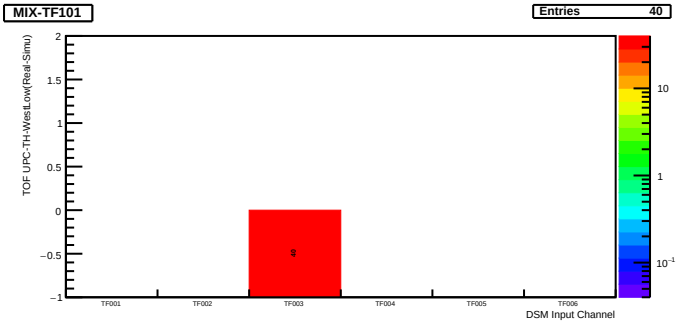

MIX-TF005
Entries 812301
TOF MULT
TOF tray

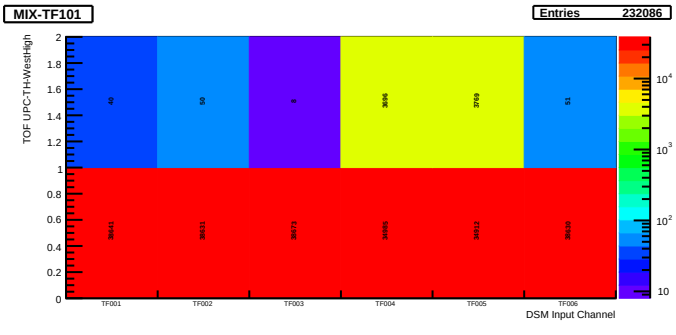

MIX-TF006
Entries 812301
TOF MULT
TOF tray

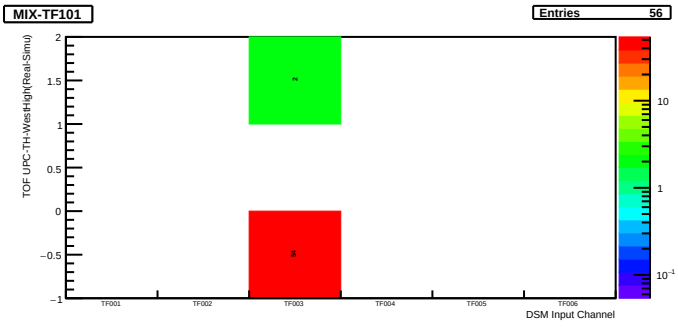

MIX-TF101
Entries 232086
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

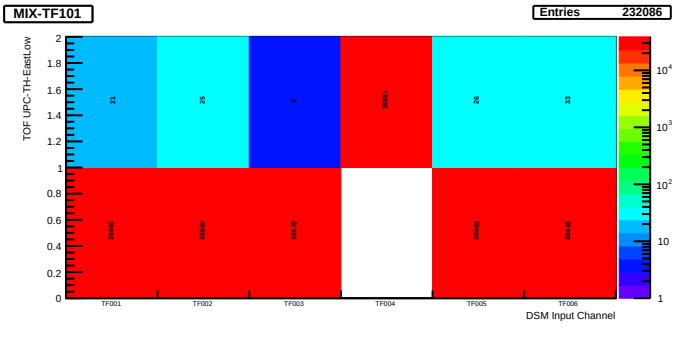

MIX-TF101
Entries 155
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

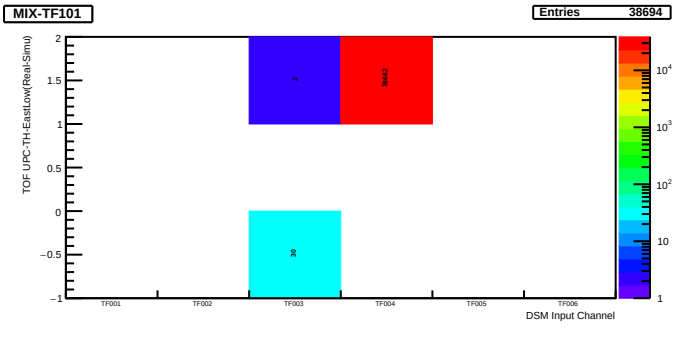

MIX-TF101
Entries 232086
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

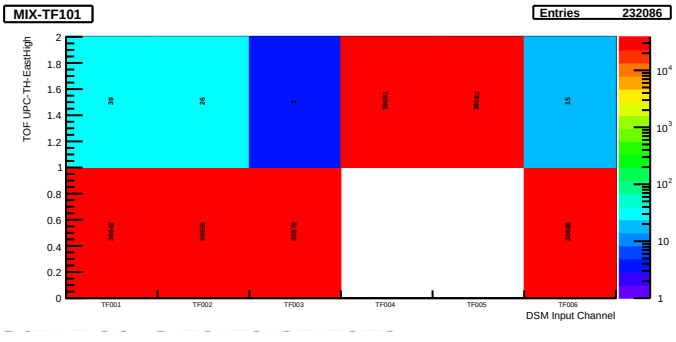

MIX-TF101
Entries 40
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

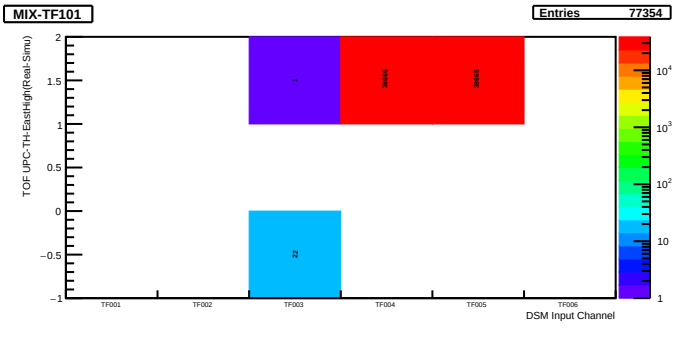

MIX-TF101
Entries 232086
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

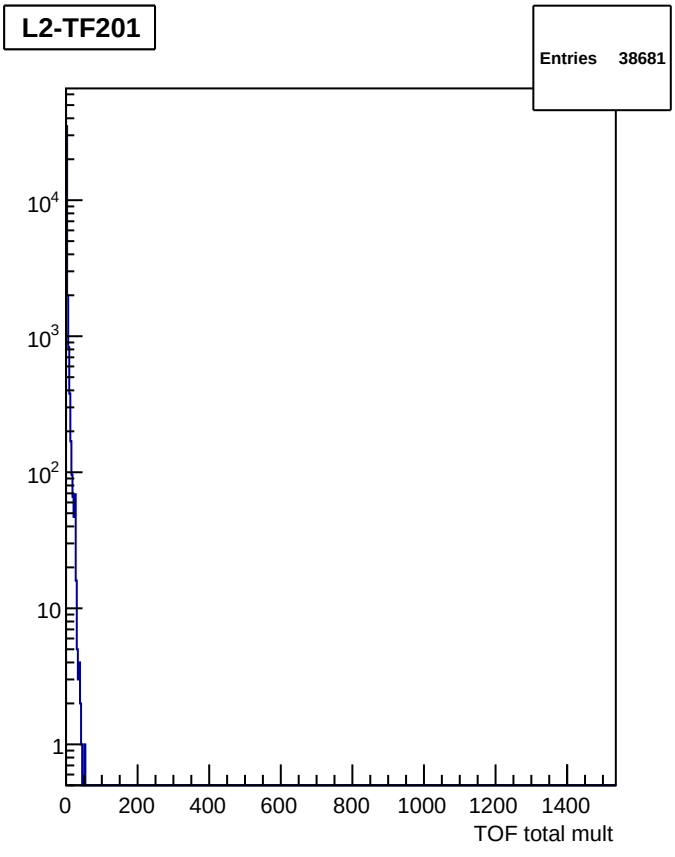

MIX-TF101
Entries 56
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

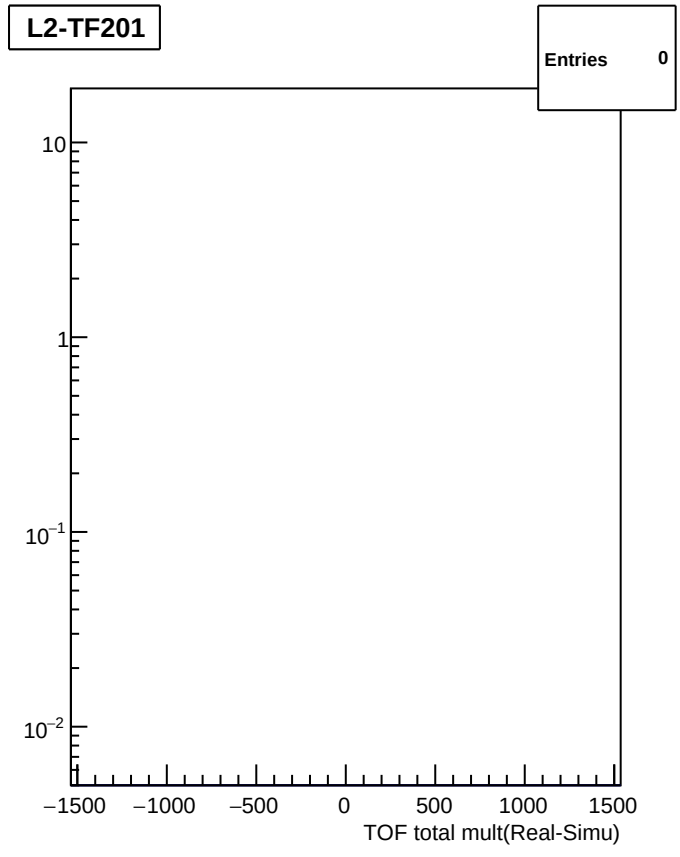

MIX-TF101
Entries 232086
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

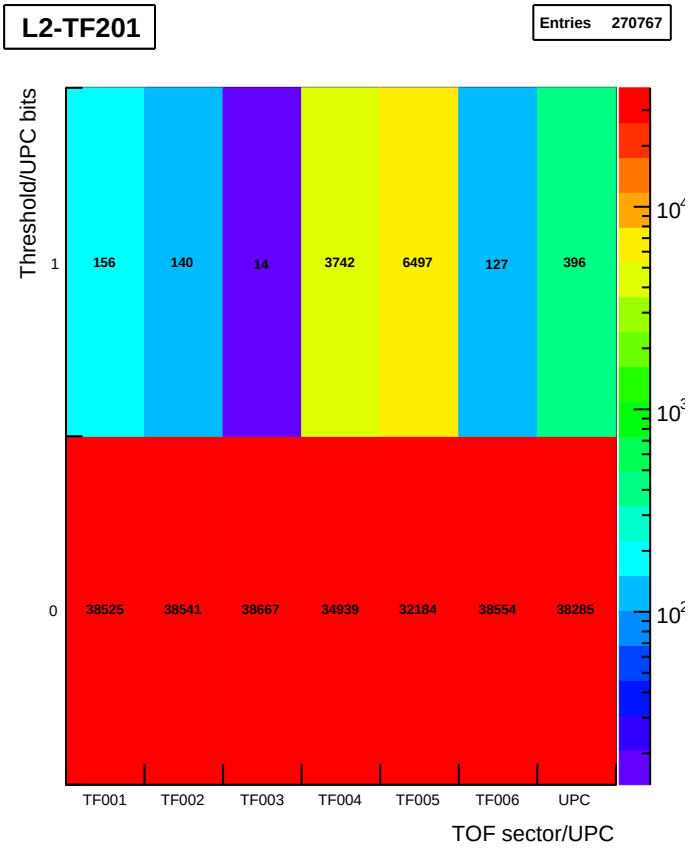

MIX-TF101
Entries 38694
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

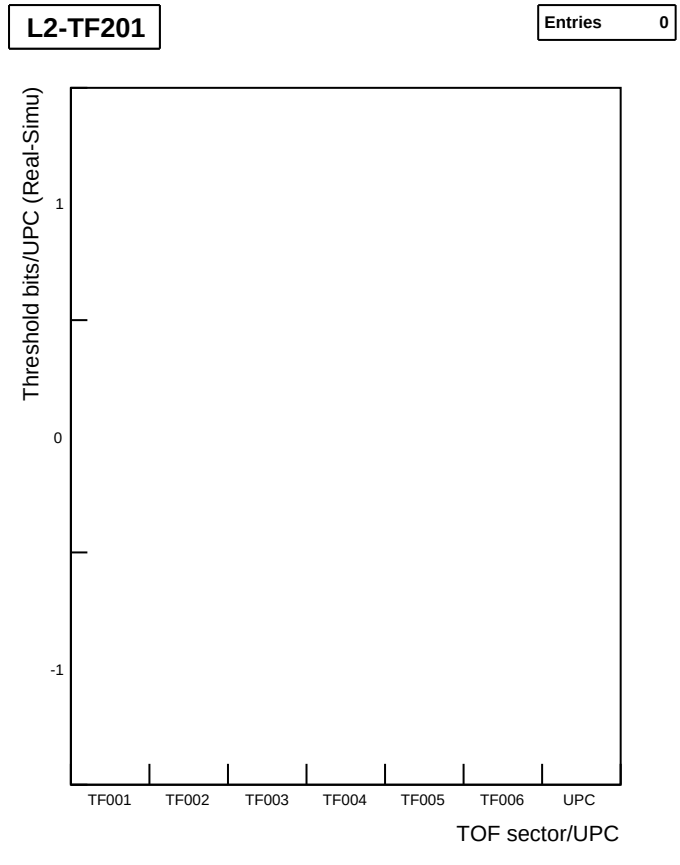

MIX-TF101
Entries 232086
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

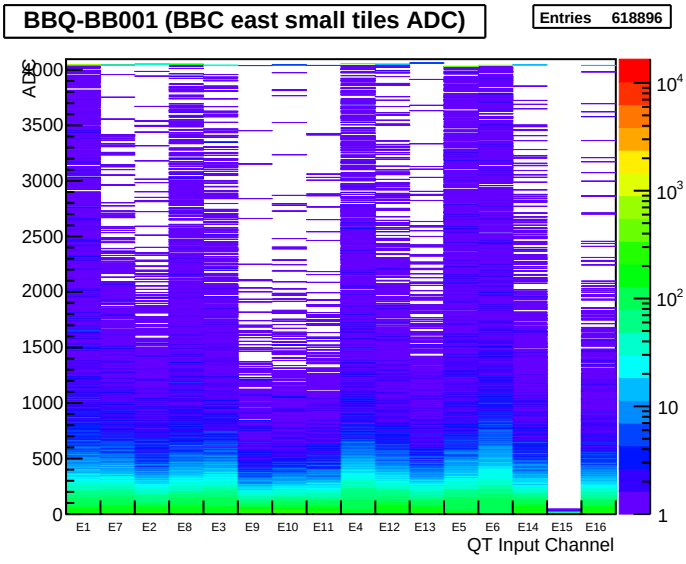

MIX-TF101
Entries 77354
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

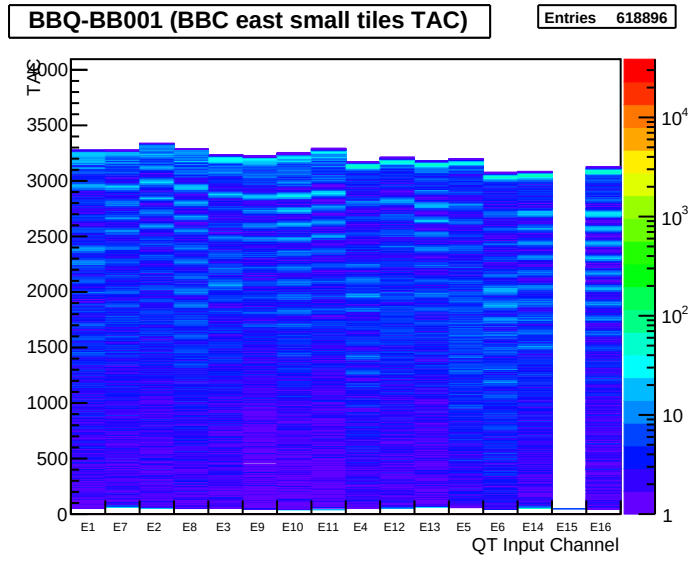

L2-TF201
Entries 38681
TOF total mult

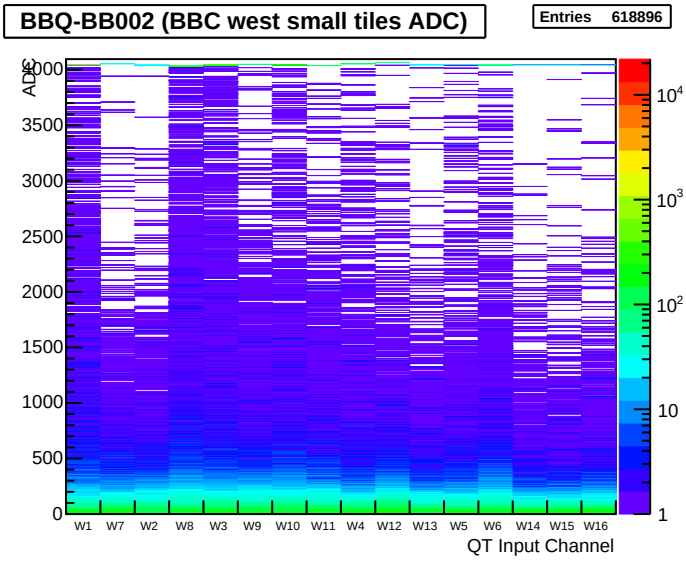

L2-TF201
Entries 0
TOF total mult(Real-Simu)

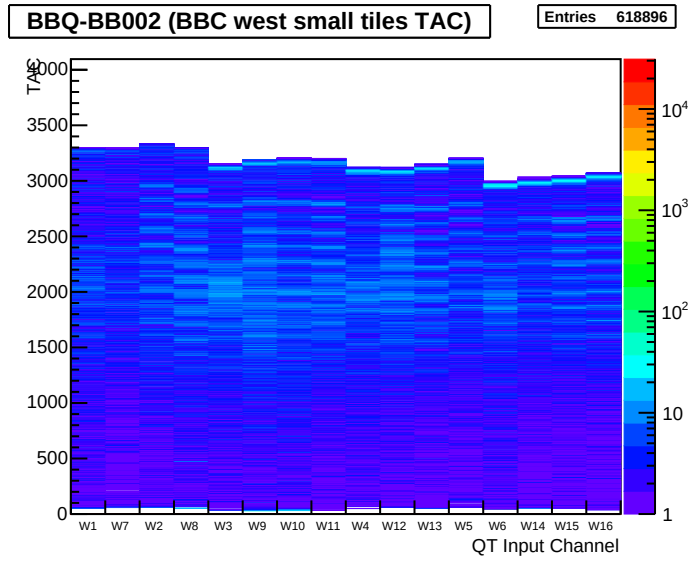

L2-TF201
Entries 270767
Threshold/UPC bits
156
140
14
3742
6497
127
396
38525
38541
38667
34939
32184
38554
38285
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

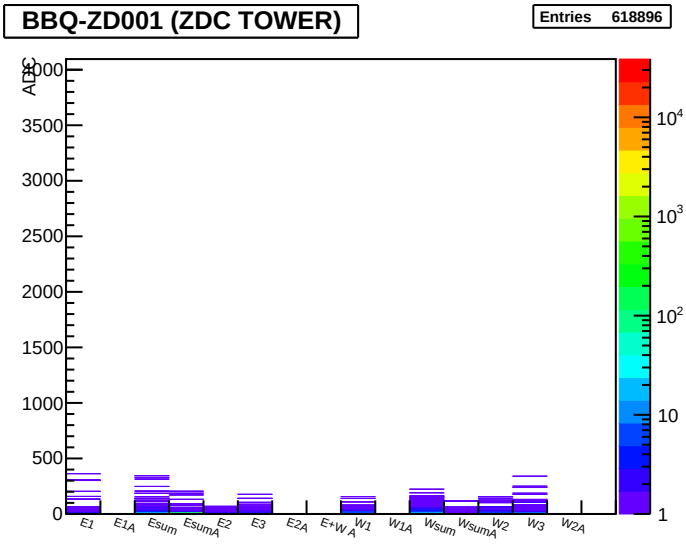

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

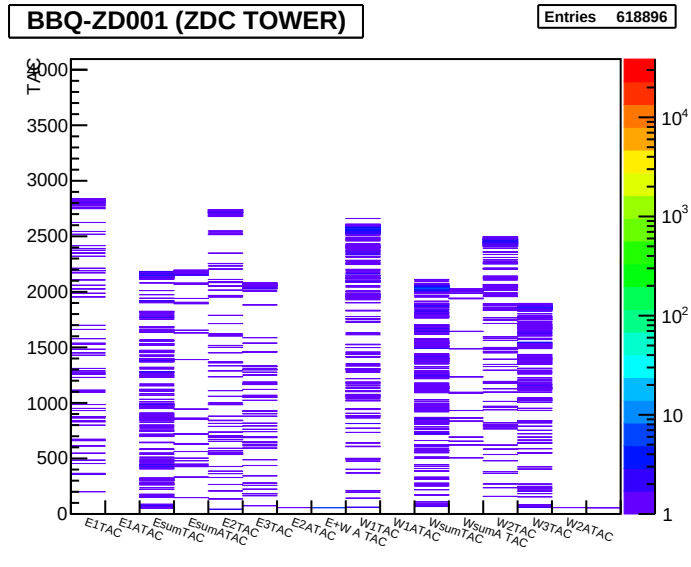

BBQ-BB001 (BBC east small tiles ADC)
Entries 618896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

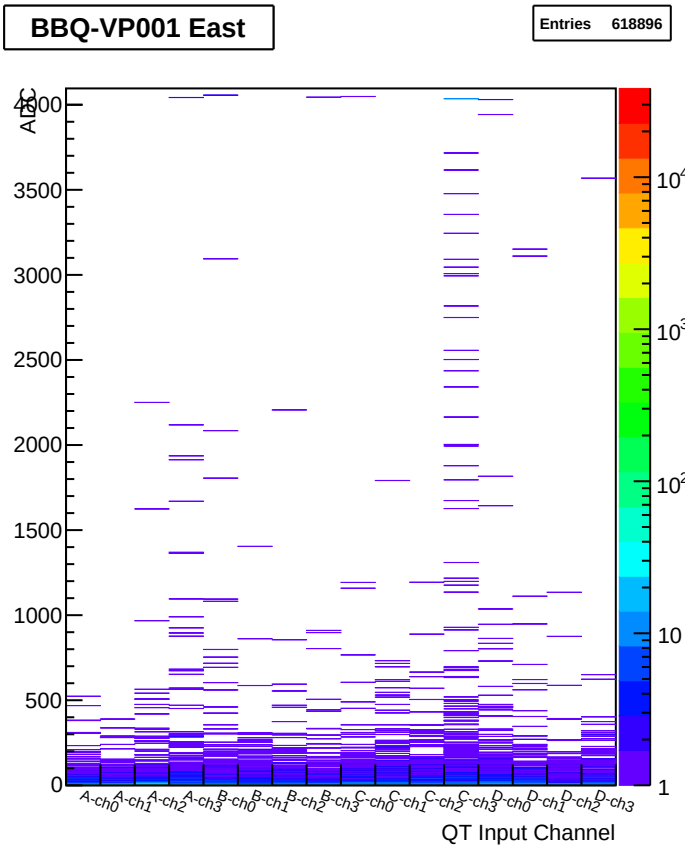

BBQ-BB001 (BBC east small tiles TAC)
Entries 618896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

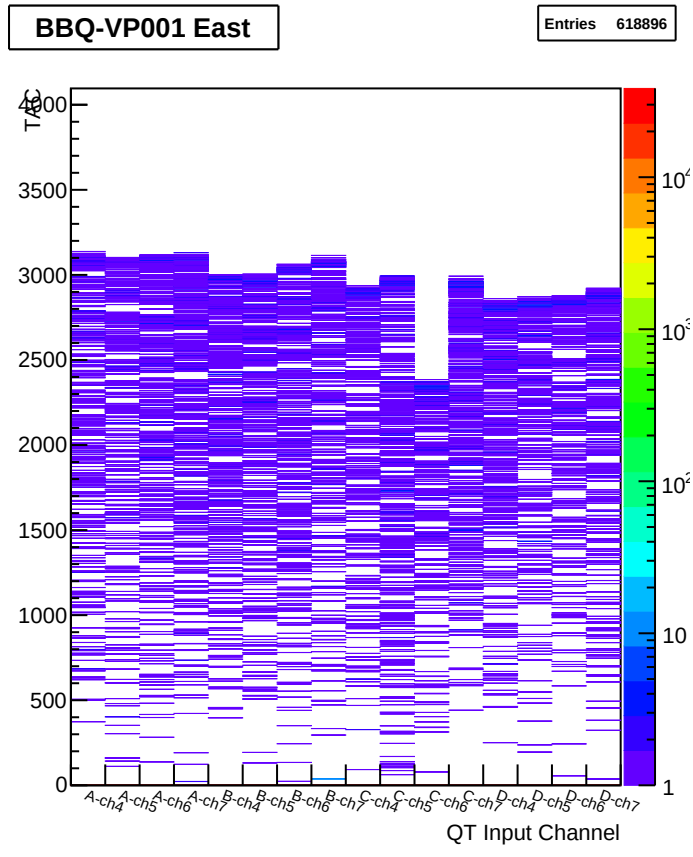

BBQ-BB002 (BBC west small tiles ADC)
Entries 618896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

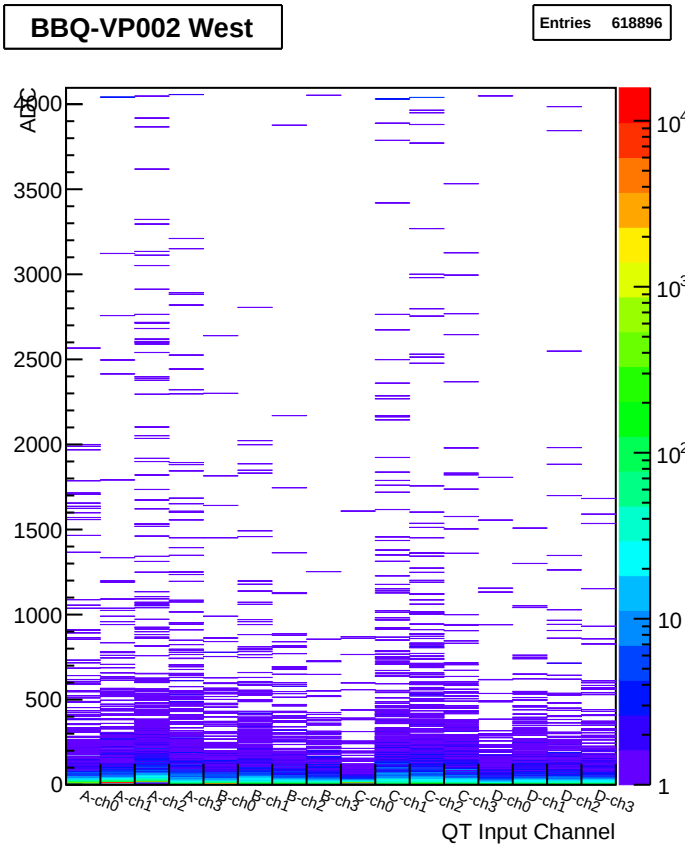

BBQ-BB002 (BBC west small tiles TAC)
Entries 618896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

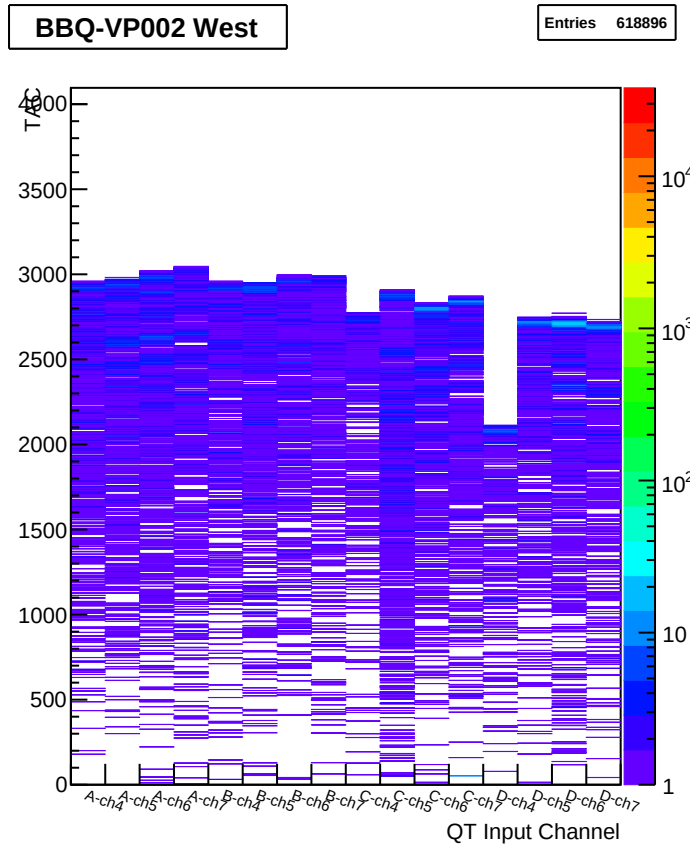

BBQ-ZD001 (ZDC TOWER)
Entries 618896
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

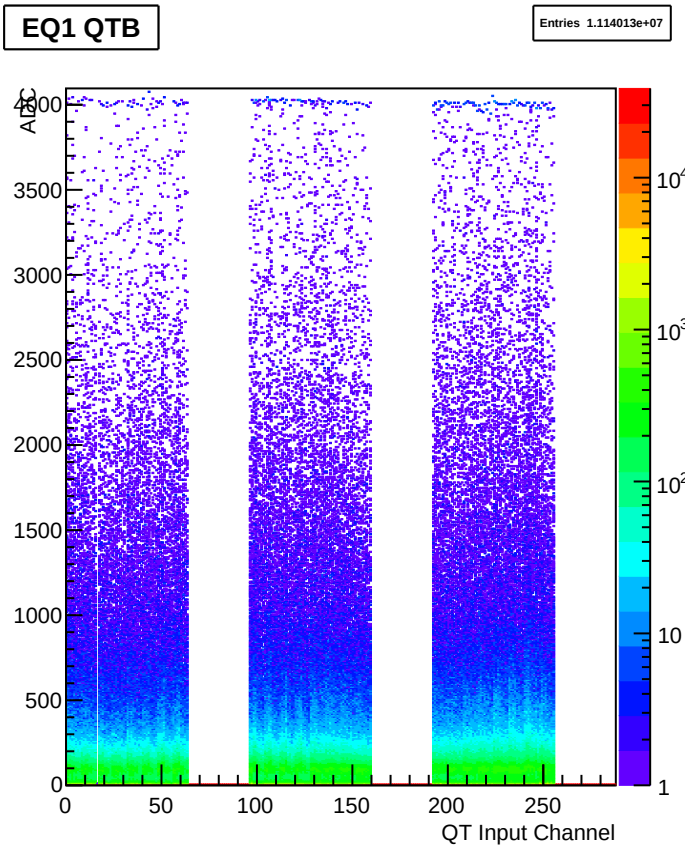

BBQ-ZD001 (ZDC TOWER)
Entries 618896
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

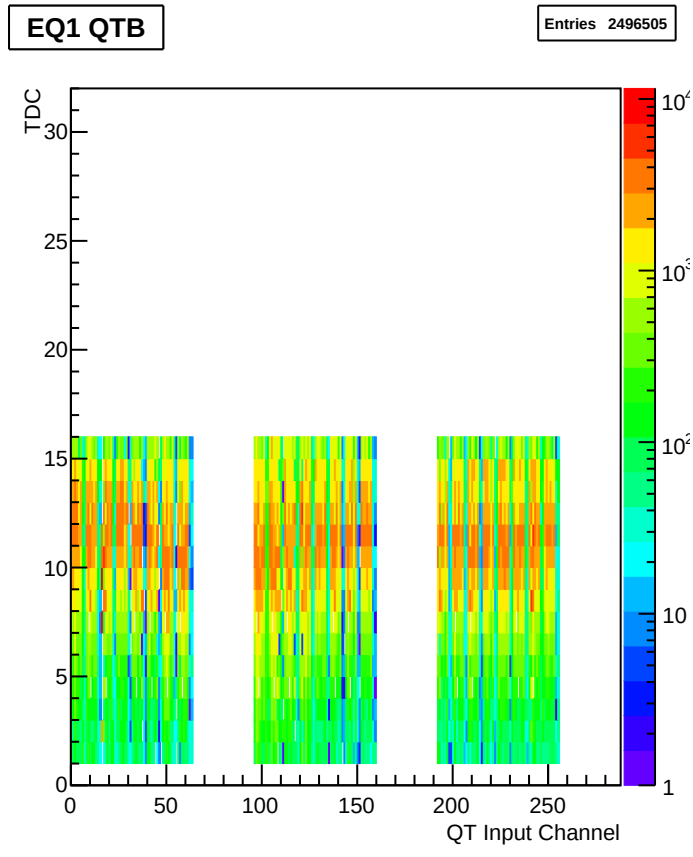

BBQ-VP001 East
Entries 618896
ADC
QT Input Channel

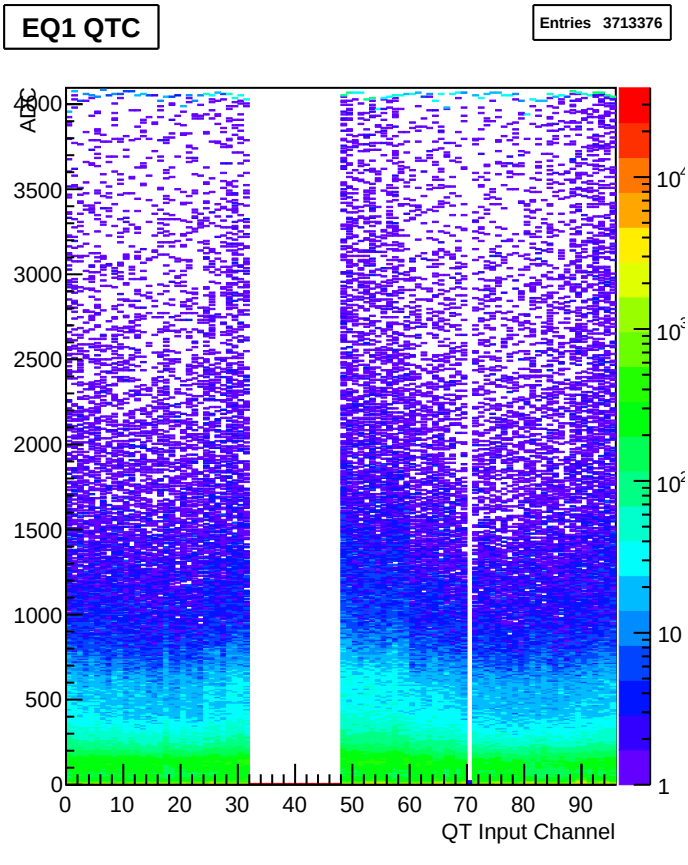

BBQ-VP001 East
Entries 618896
TADC
QT Input Channel

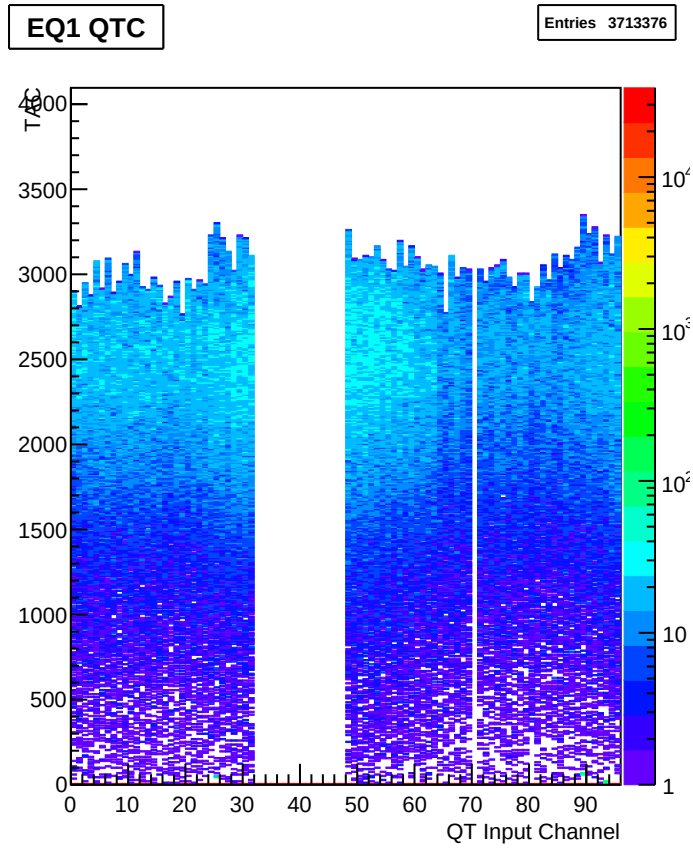

BBQ-VP002 West
Entries 618896
ADC
QT Input Channel

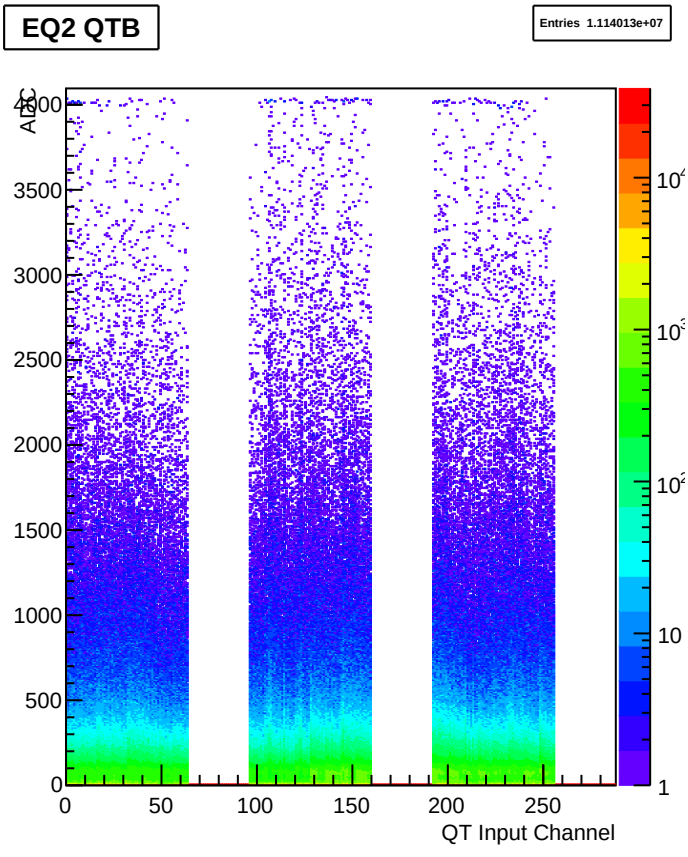

BBQ-VP002 West
Entries 618896
TADC
QT Input Channel

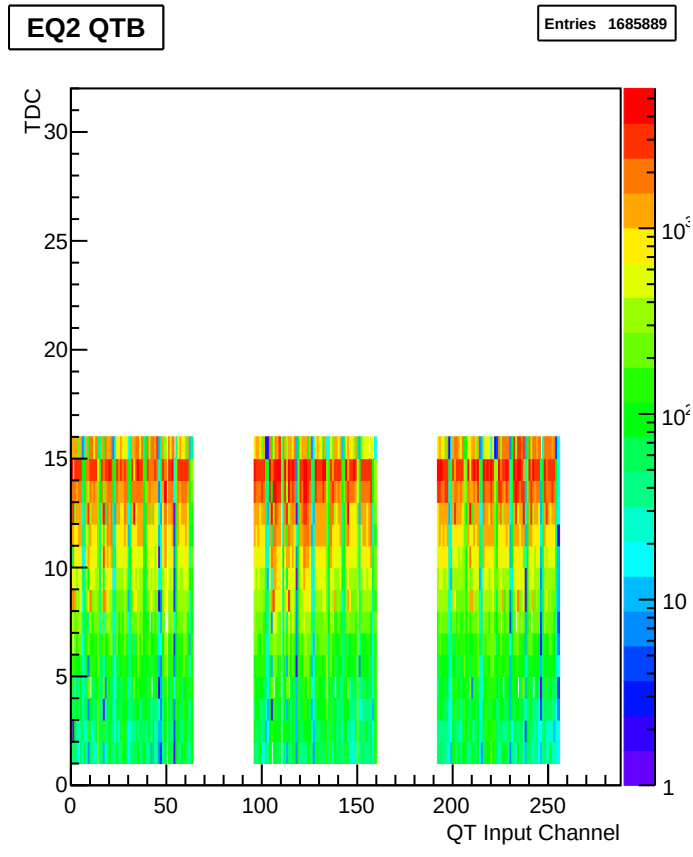

EQ1 QTB
Entries 1.114013e+07
ADC
QT Input Channel

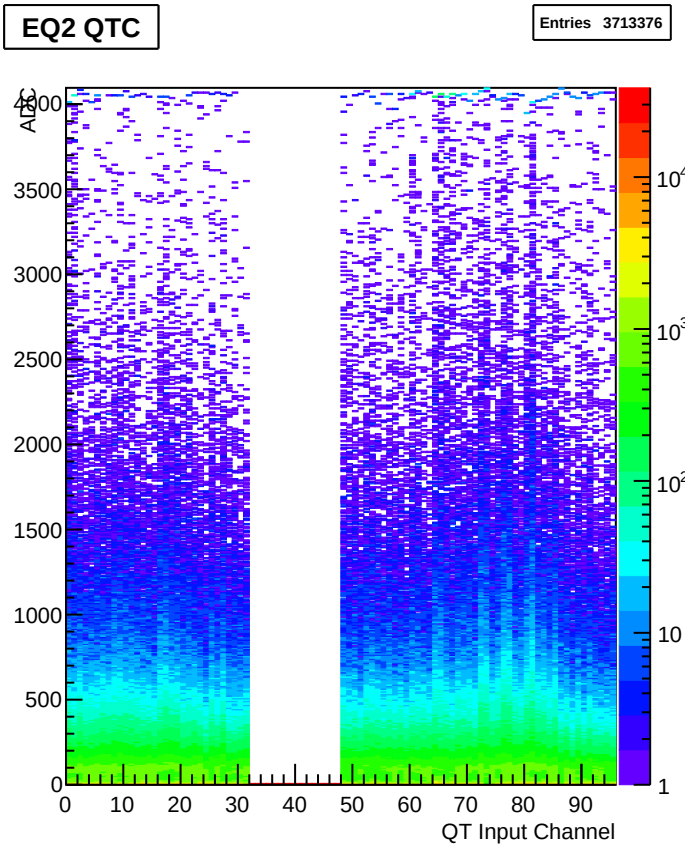

EQ1 QTB
Entries 2496505
TDC
QT Input Channel

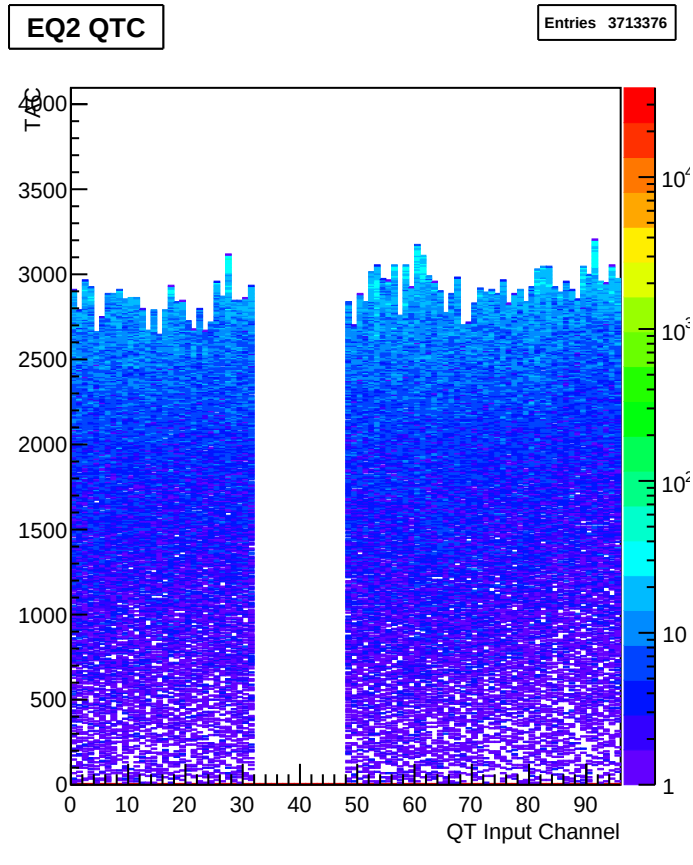

EQ1 QTC
Entries 3713376
ADC
QT Input Channel

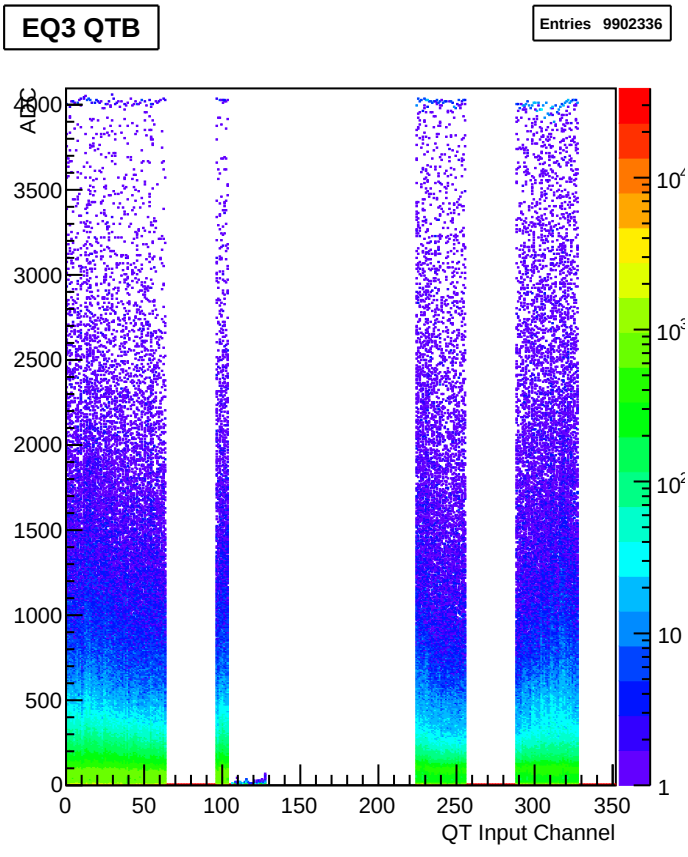

EQ1 QTC
Entries 3713376
TADC
QT Input Channel

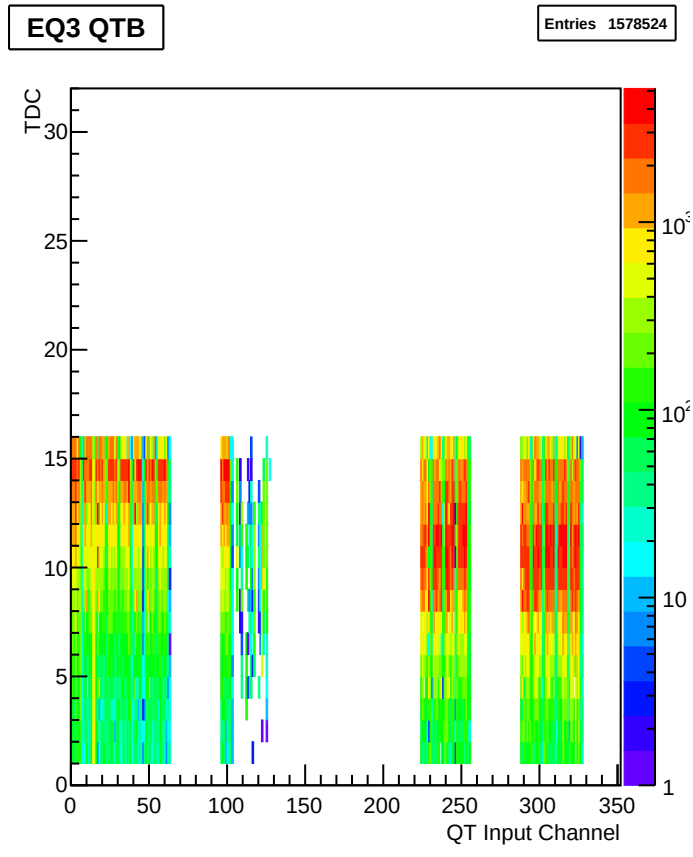

EQ2 QTB
Entries 1.114013e+07
ADC
QT Input Channel

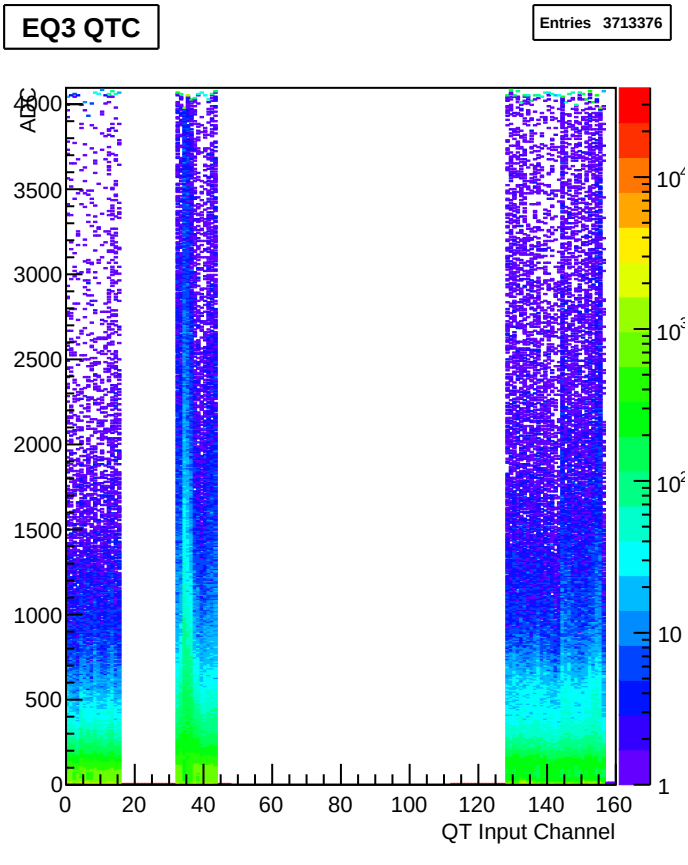

EQ2 QTB
Entries 1685889
TDC
QT Input Channel

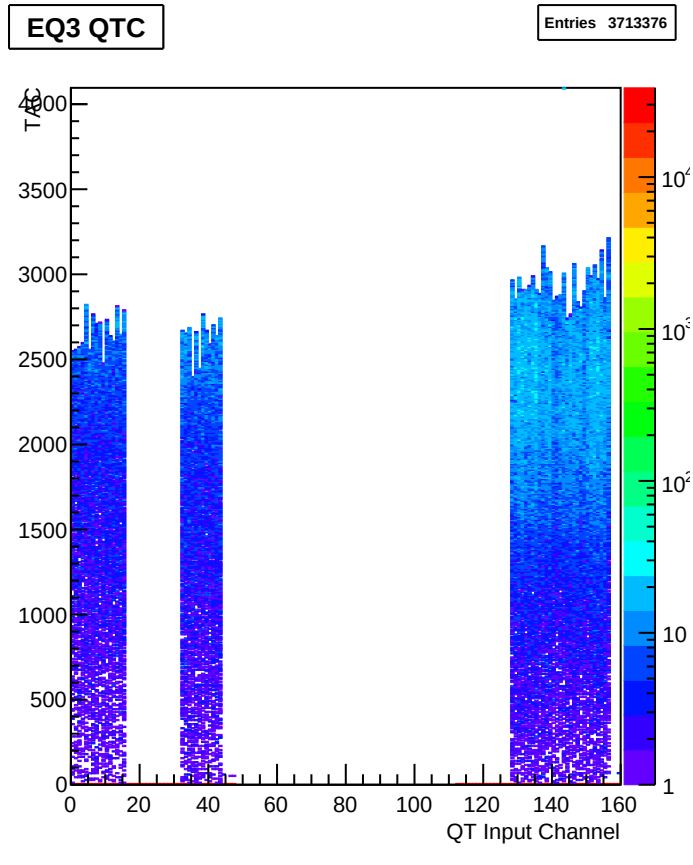

EQ2 QTC
Entries 3713376
ADC
QT Input Channel

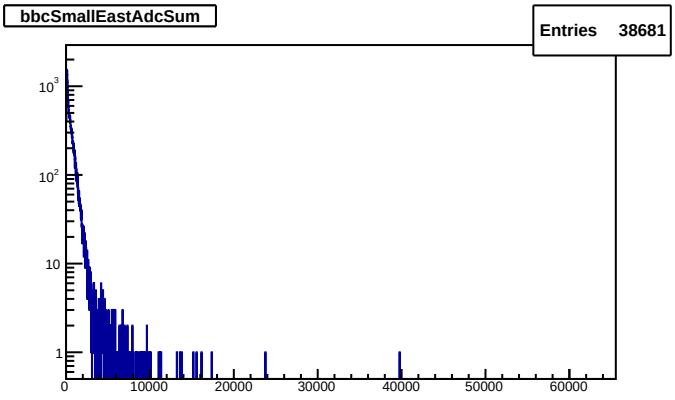

EQ2 QTC
Entries 3713376
TADC
QT Input Channel

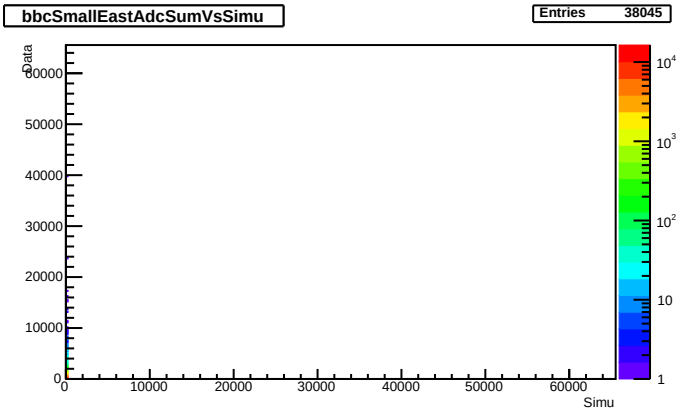

EQ3 QTB
Entries 9902336
ADC
QT Input Channel

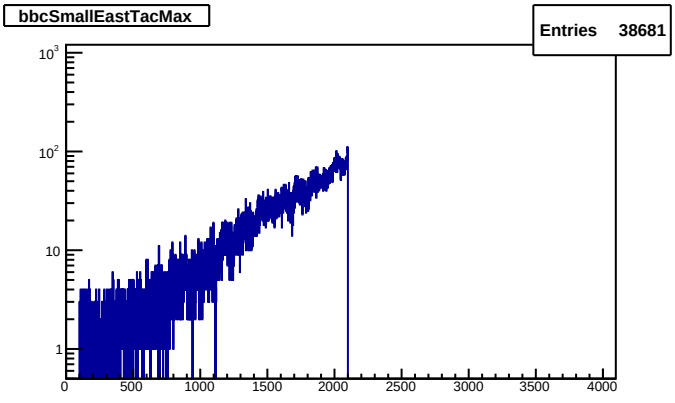

EQ3 QTB
Entries 1578524
TDC
QT Input Channel

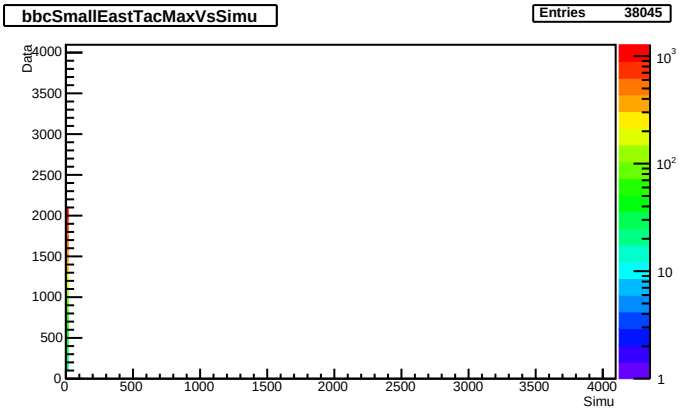

EQ3 QTC
Entries 3713376
ADC
QT Input Channel

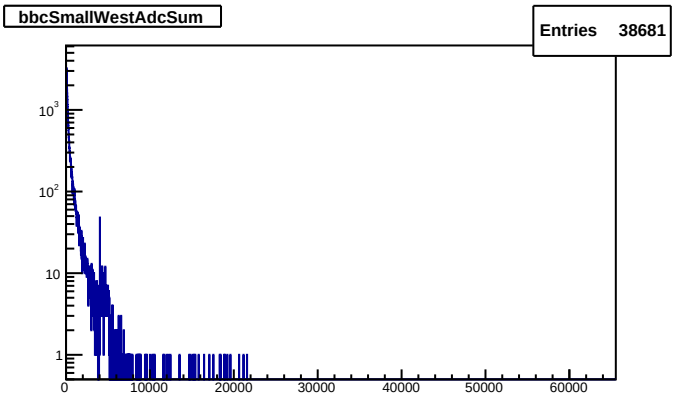

EQ3 QTC
Entries 3713376
TADC
QT Input Channel

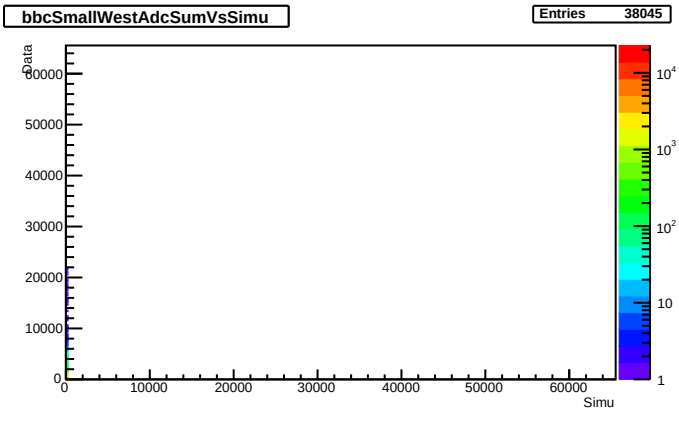

bbcSmallEastAdcSum
Entries 38681

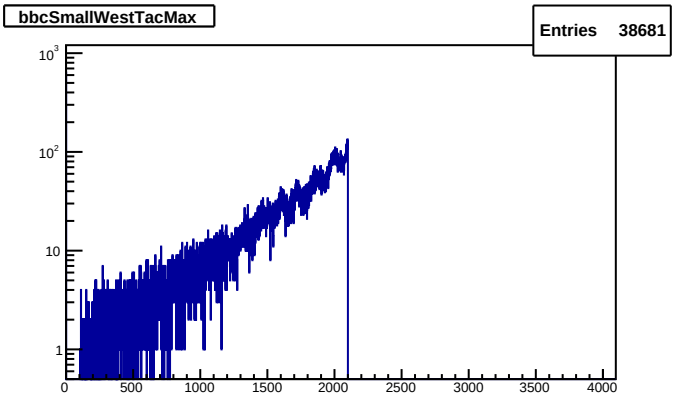

bbcSmallEastAdcSumVsSimu
Entries 38045
Data
Simu

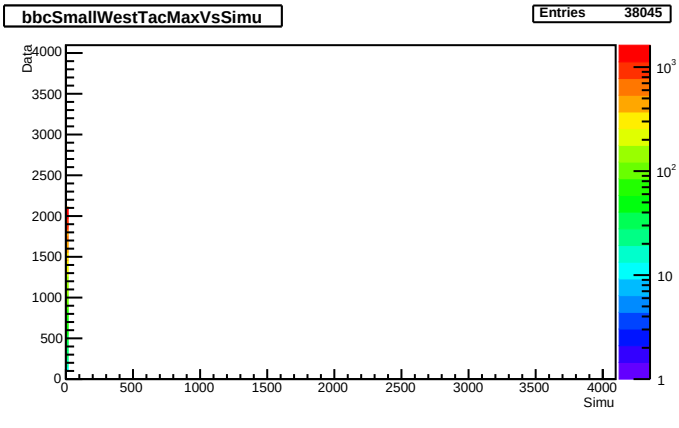

bbcSmallEastTacMax
Entries 38681

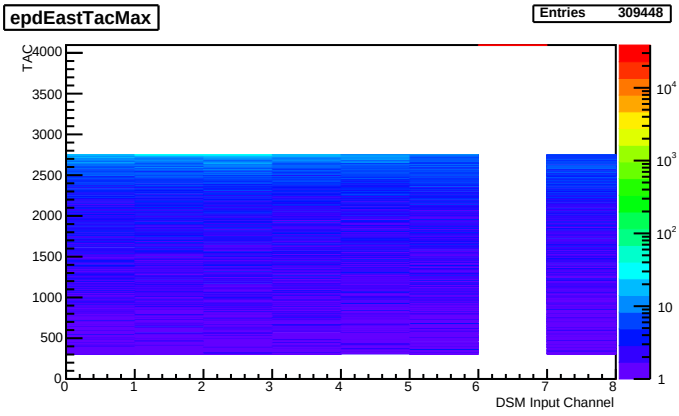

bbcSmallEastTacMaxVsSimu
Entries 38045
Data
Simu

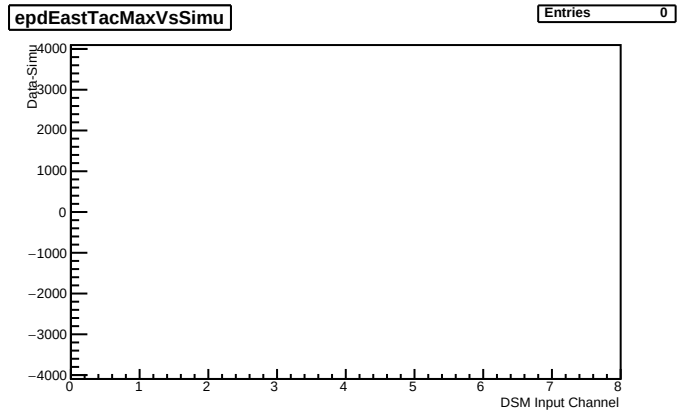

bbcSmallWestAdcSum
Entries 38681

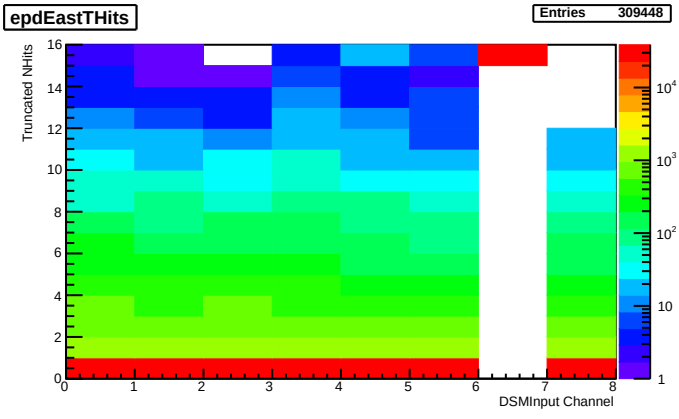

bbcSmallWestAdcSumVsSimu
Entries 38045
Data
Simu

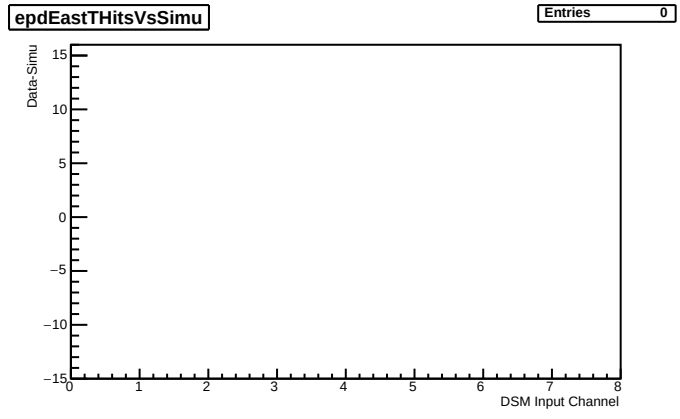

bbcSmallWestTacMax
Entries 38681

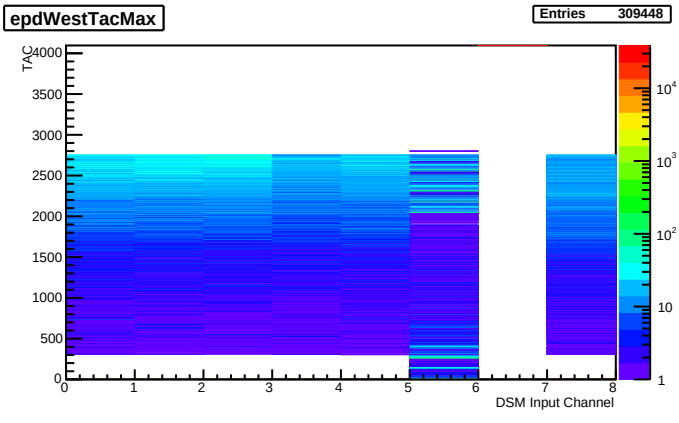

bbcSmallWestTacMaxVsSimu
Entries 38045
Data
Simu

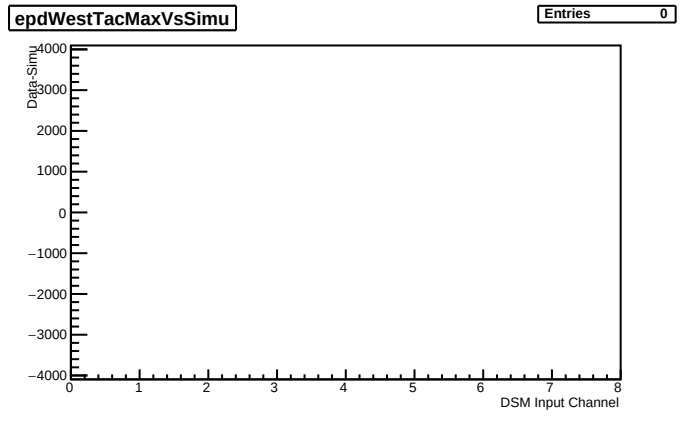

epdEastTacMax
Entries 309448
TAC
DSM Input Channel

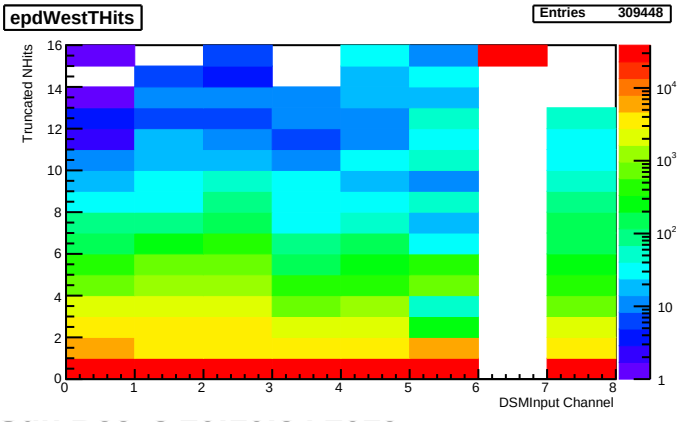

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

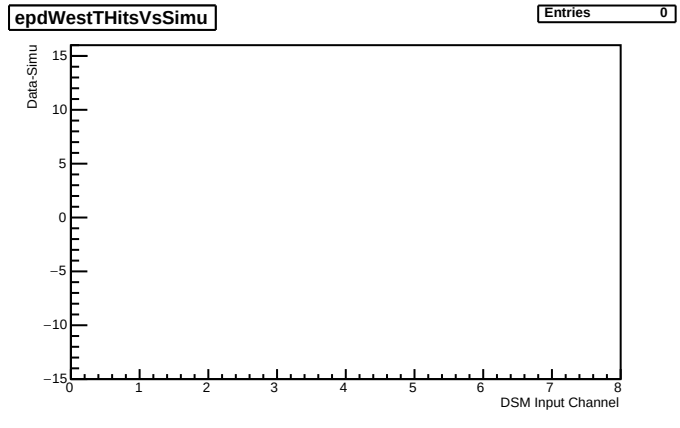

epdEastTHits
Entries 309448
Truncated NHits
DSMInput Channel

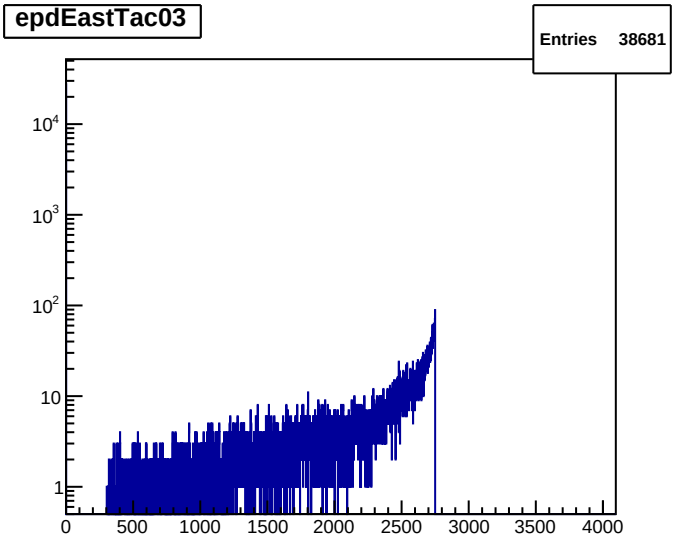

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

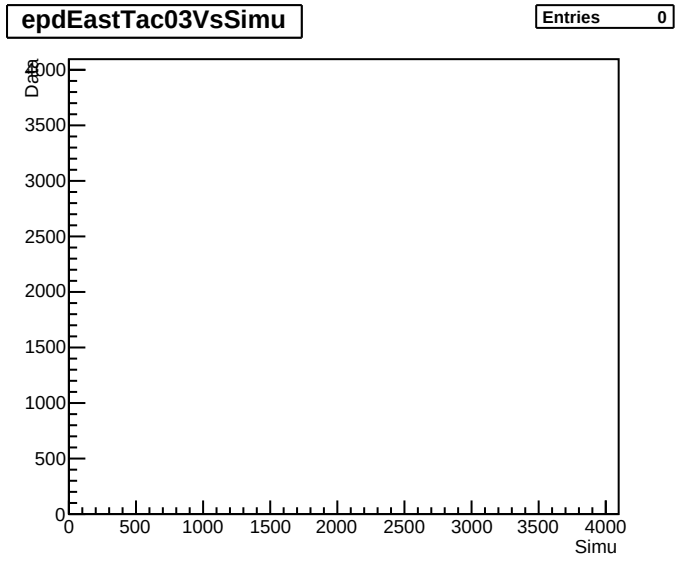

epdWestTacMax
Entries 309448
TAC
DSM Input Channel

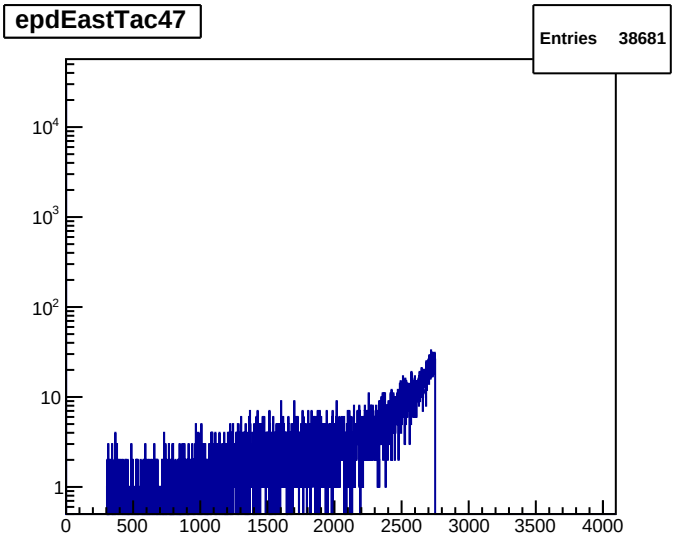

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

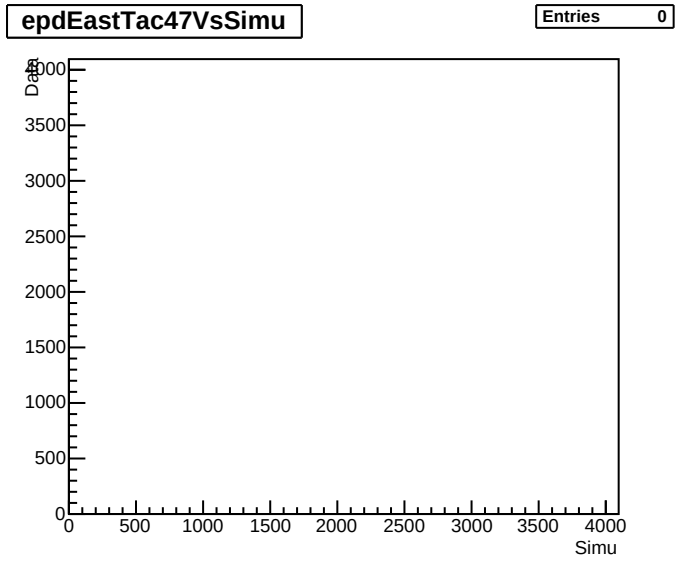

epdWestTHits
Entries 309448
Truncated NHits
DSMInput Channel

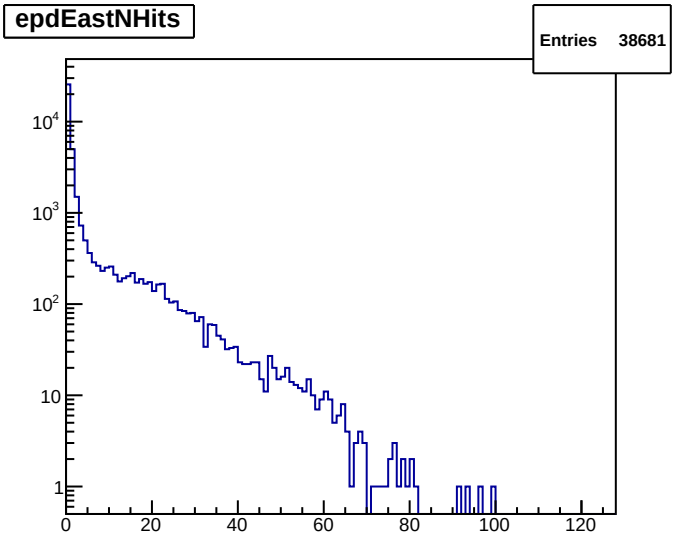

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

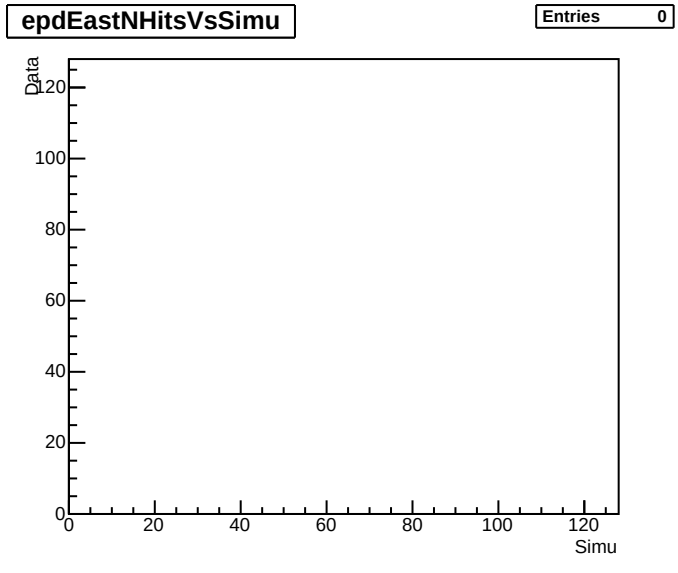

epdEastTac03
Entries 38681


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 38681


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 38681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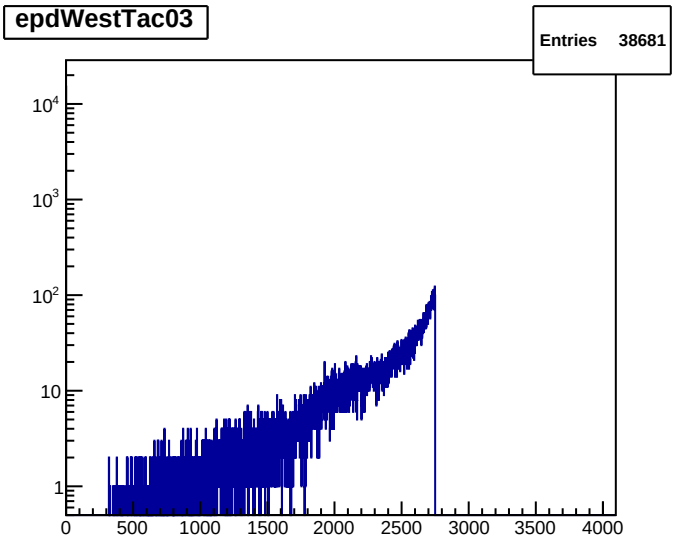
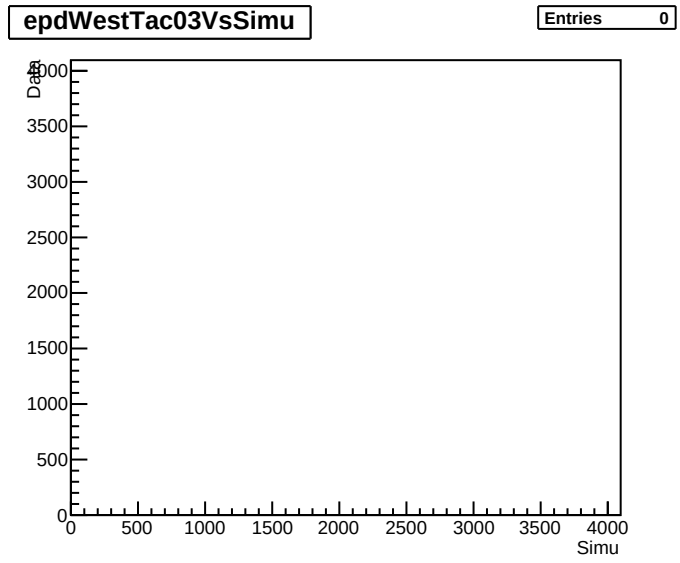
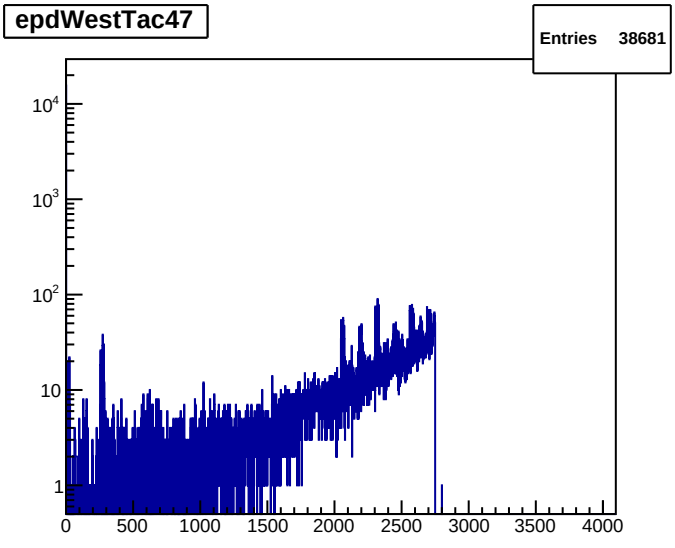
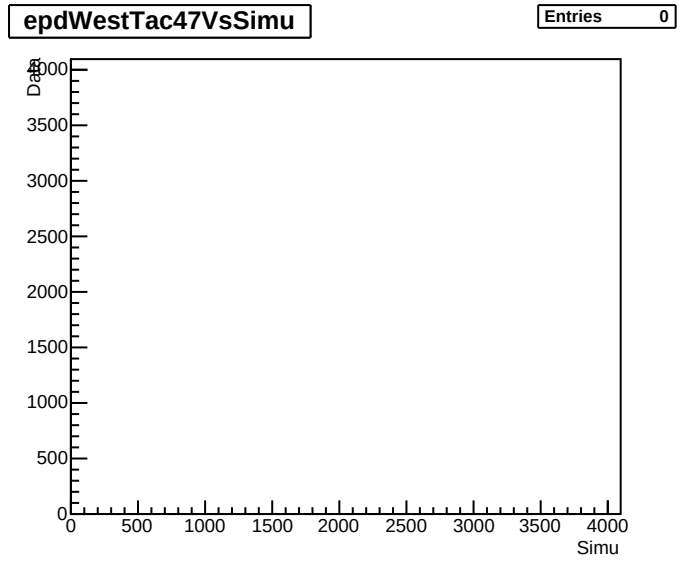
Entries 0
Data
Simu


epdWestTac03
Entries 38681


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 38681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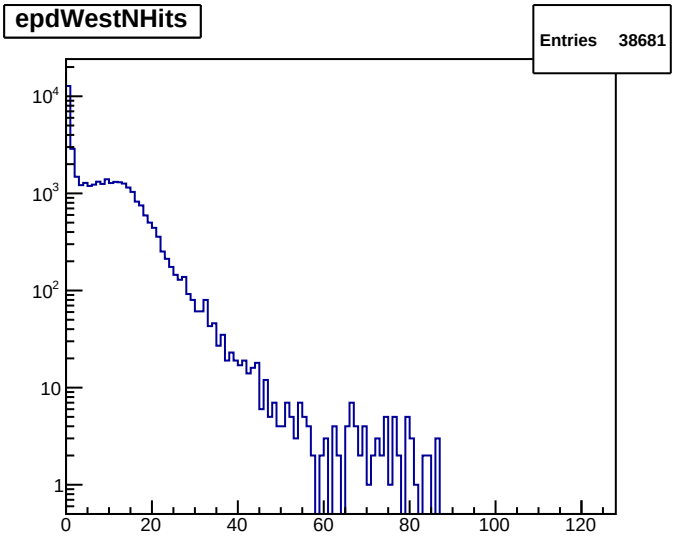
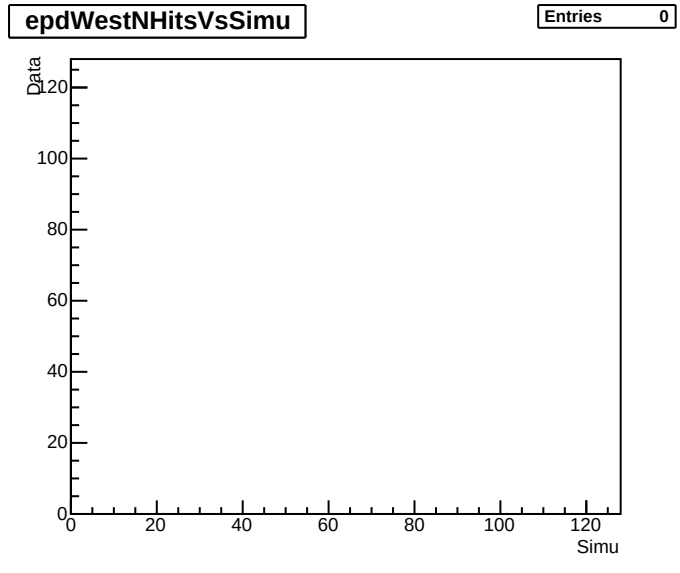
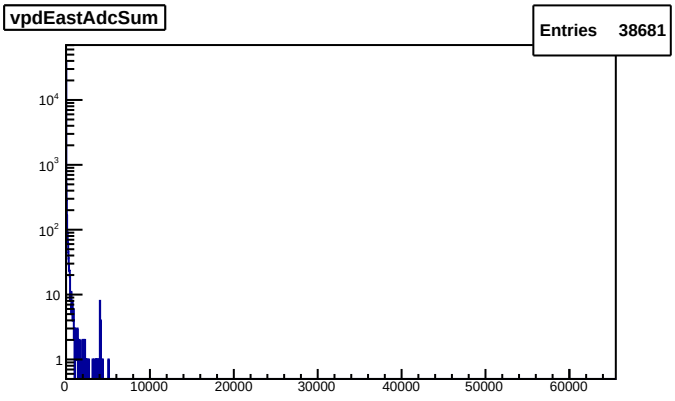
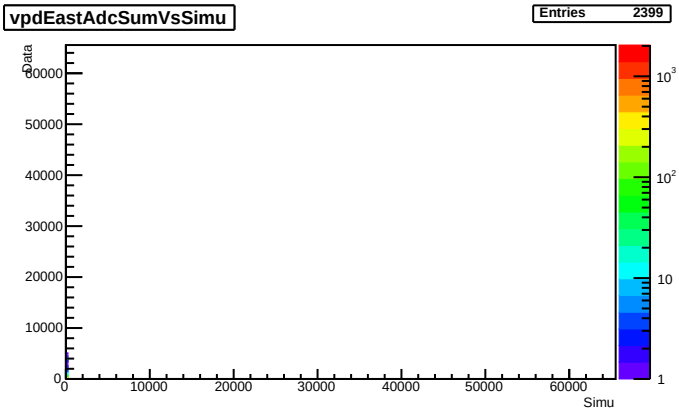
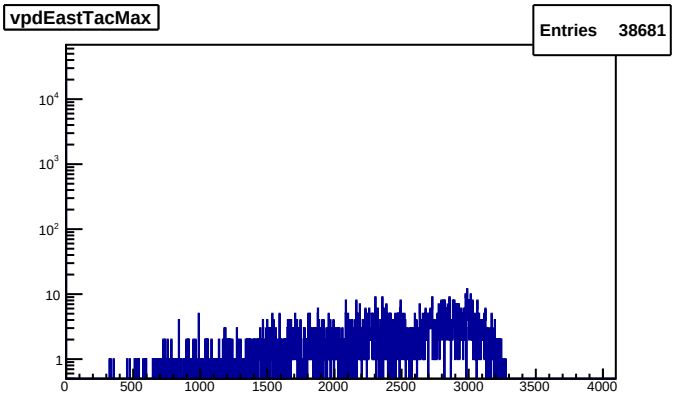
Entries 0
Data
Simu

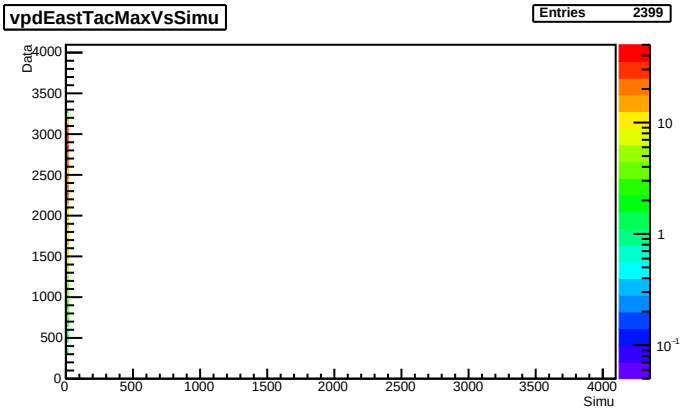

epdWestNHits
Entries 38681

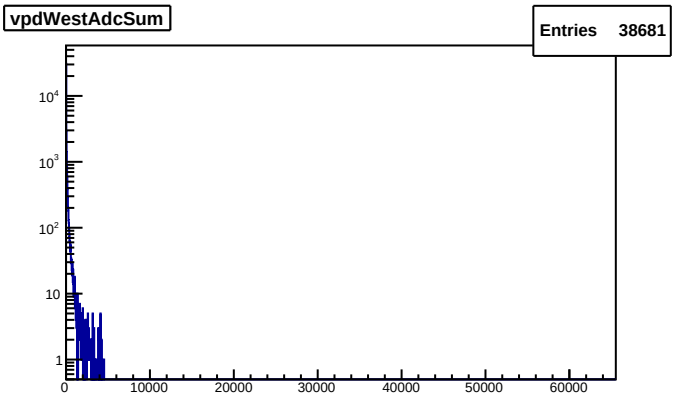

epdWestNHitsVsSimu
Entries 0
Data
Simu

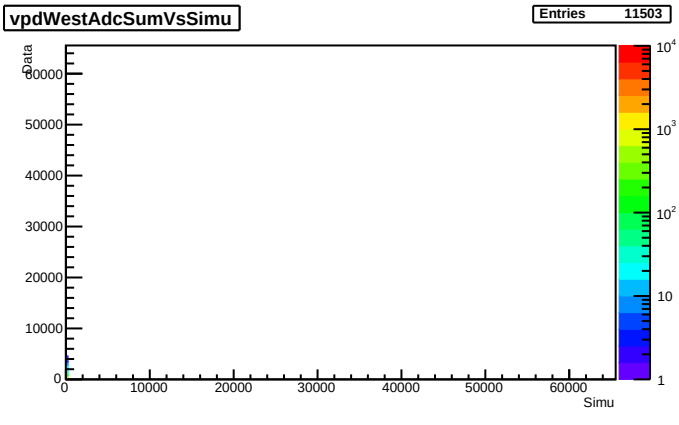

vpdEastAdcSum
Entries 38681

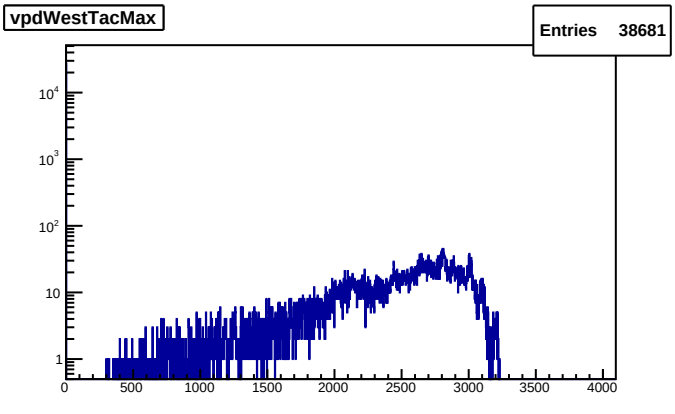

vpdEastAdcSumVsSimu
Entries 2399
Data
Simu

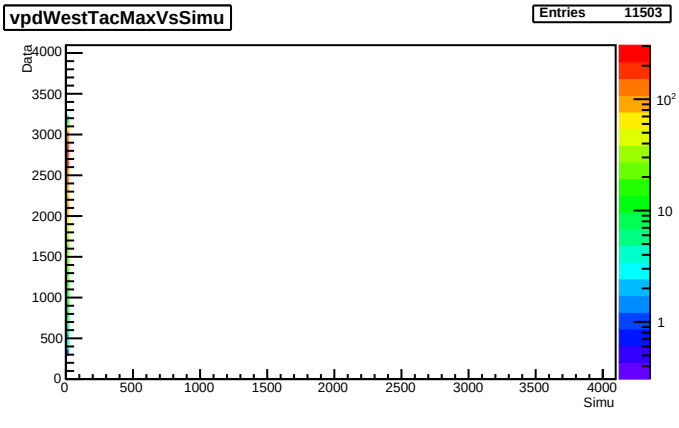

vpdEastTacMax
Entries 38681

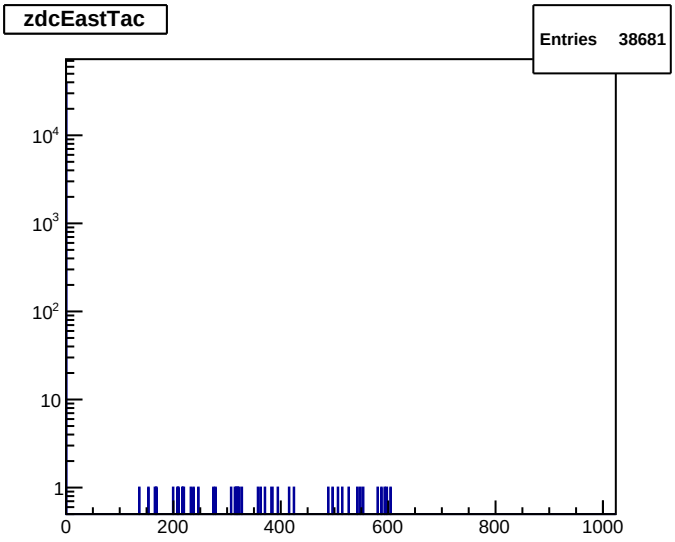

vpdEastTacMaxVsSimu
Entries 2399
Data
Simu

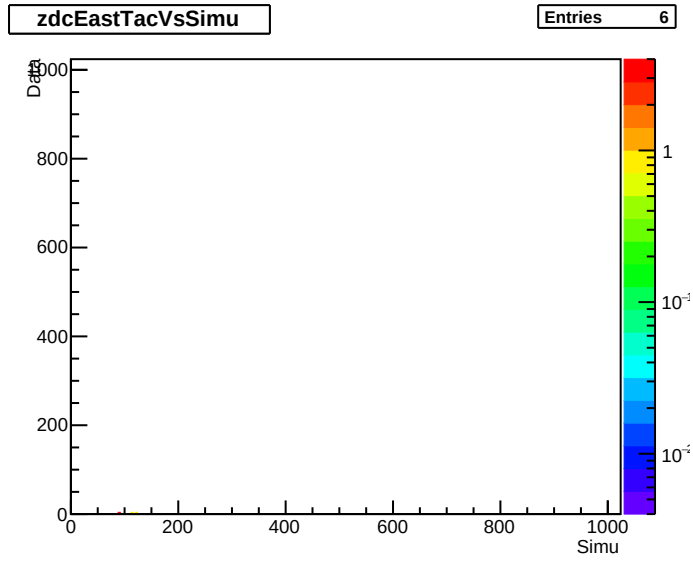

vpdWestAdcSum
Entries 38681

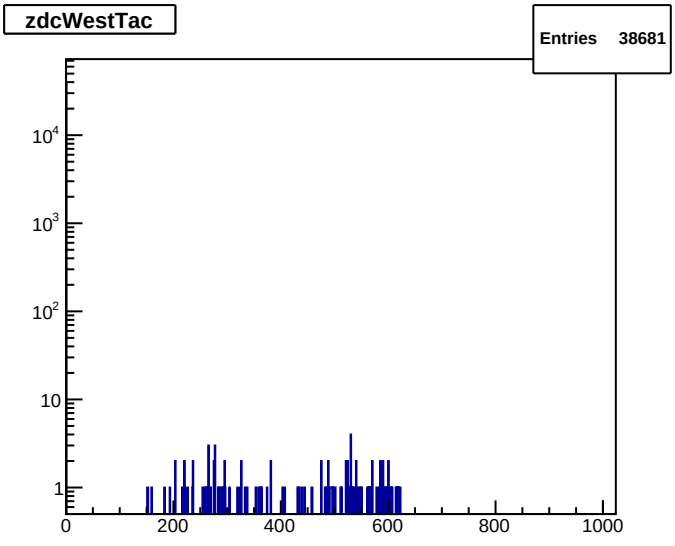

vpdWestAdcSumVsSimu
Entries 11503
Data
Simu

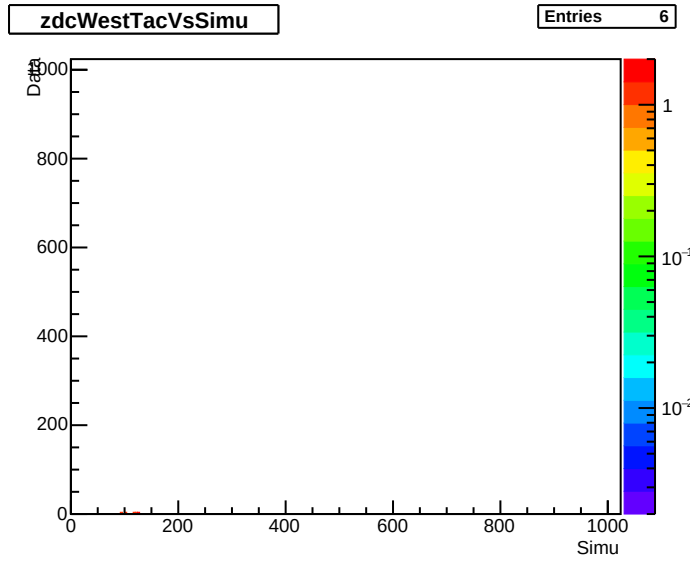

vpdWestTacMax
Entries 38681

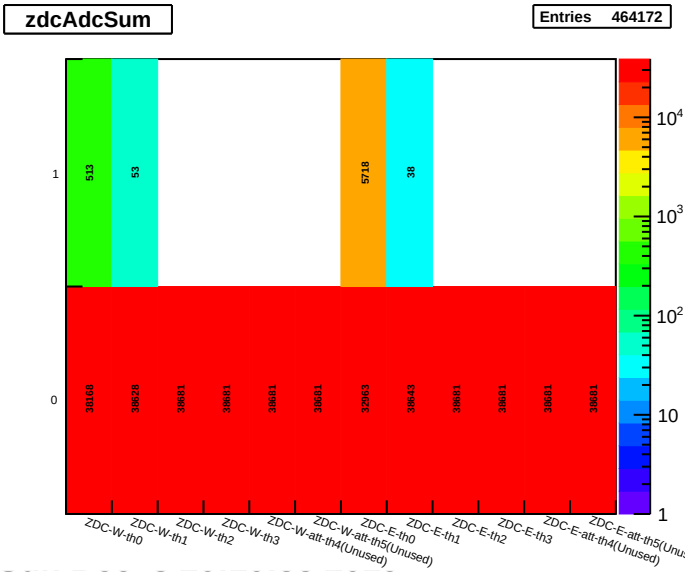

vpdWestTacMaxVsSimu
Entries 11503
Data
Simu

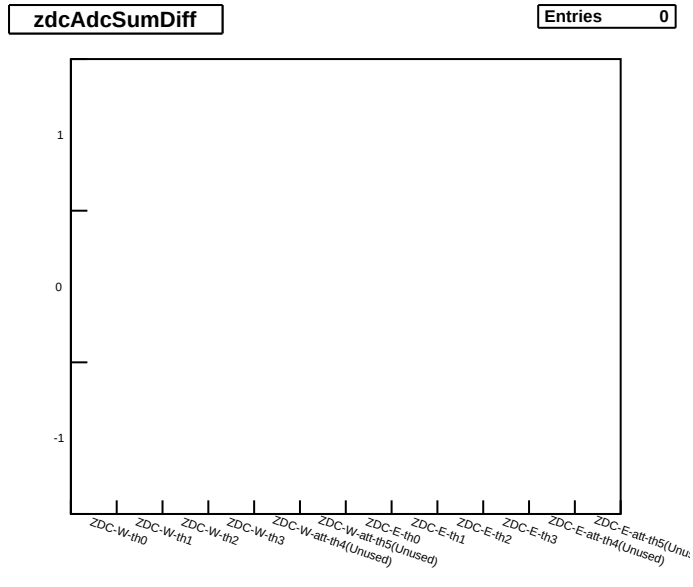

zdcEastTac
Entries 38681

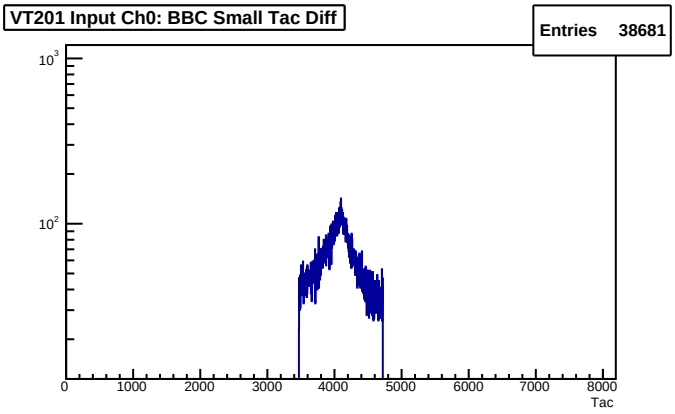

zdcEastTacVsSimu
Entries 6
Data
Simu

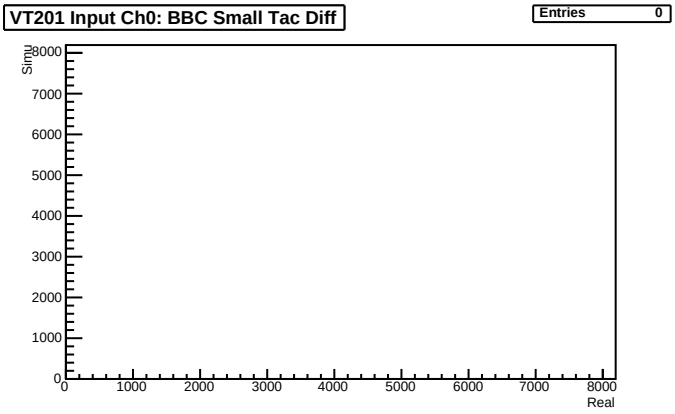

zdcWestTac
Entries 38681

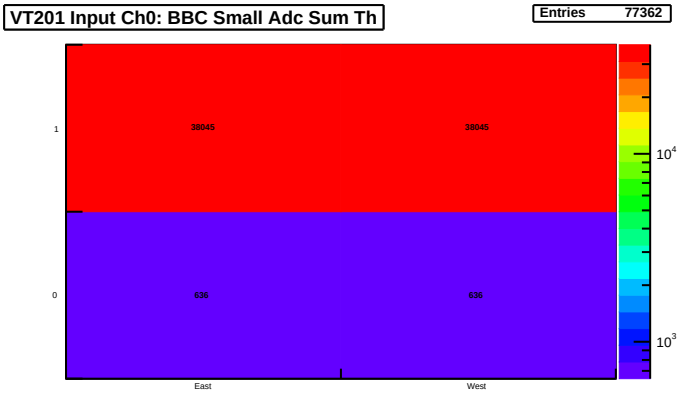

zdcWestTacVsSimu
Entries 6
Data
Simu

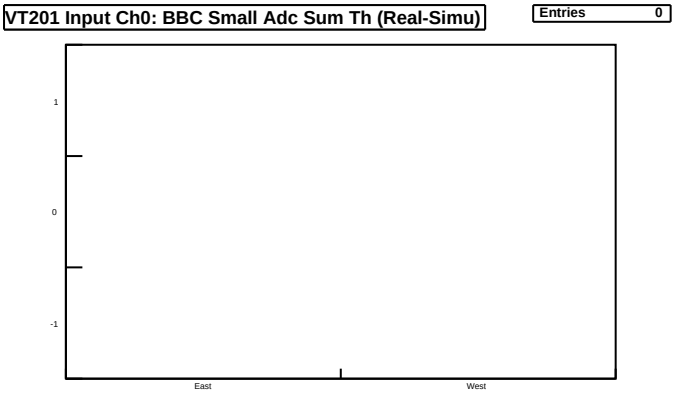

zdcAdcSum
Entries 464172
513
53
5718
38
38168
38628
38681
38681
38681
38681
32963
38643
38681
38681
38681
38681
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

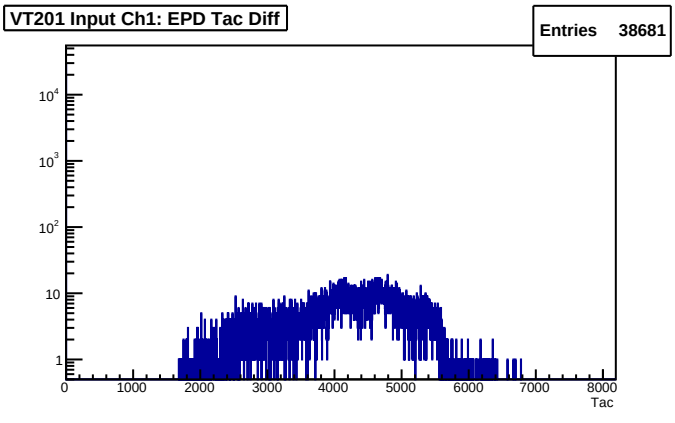

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

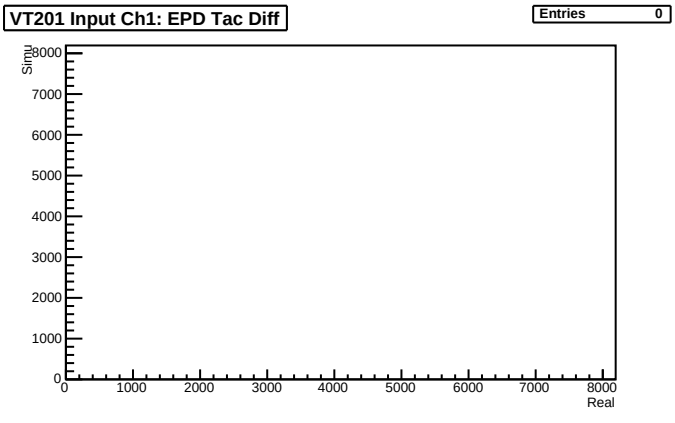

VT201 Input Ch0: BBC Small Tac Diff
Entries 38681
Tac

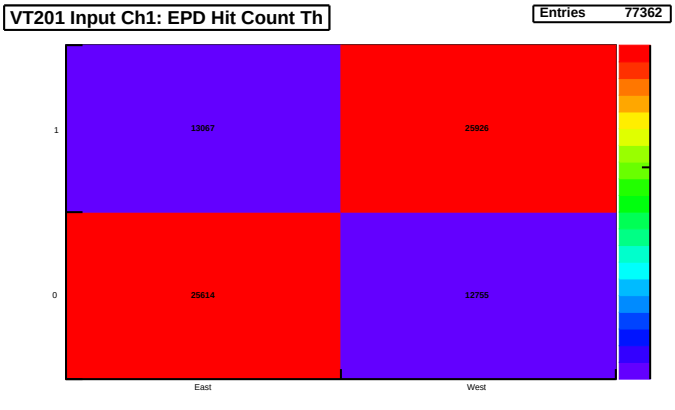

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

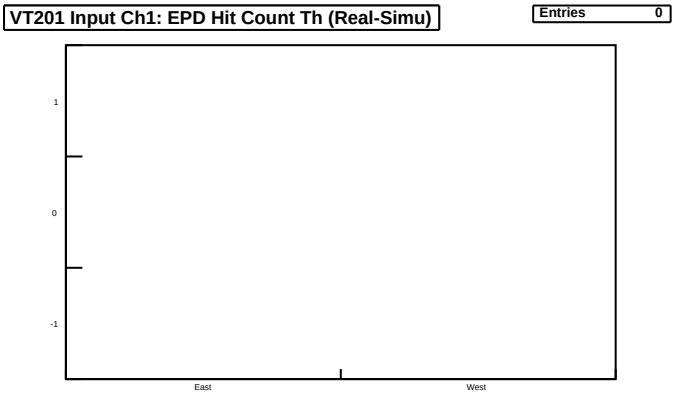

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 77362
38045
38045
636
636
East
West

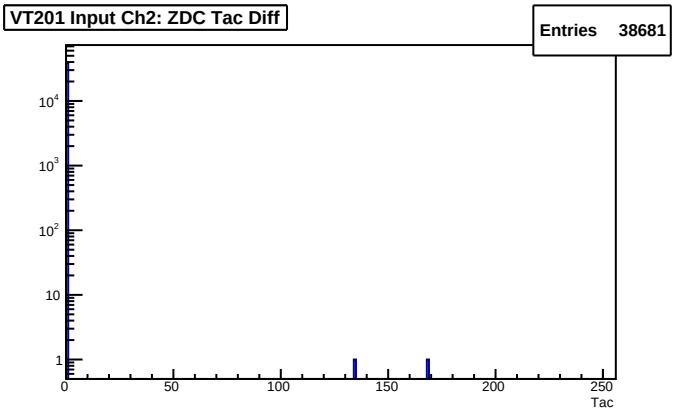

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

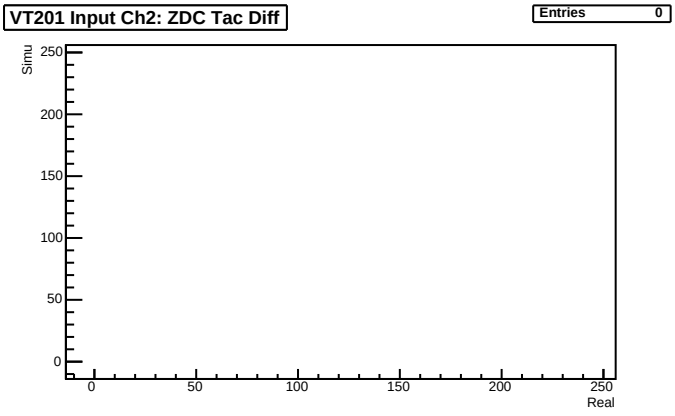

VT201 Input Ch1: EPD Tac Diff
Entries 38681
Tac

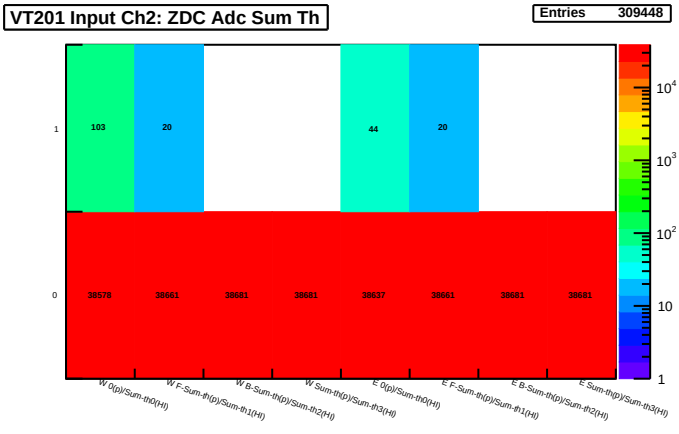

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

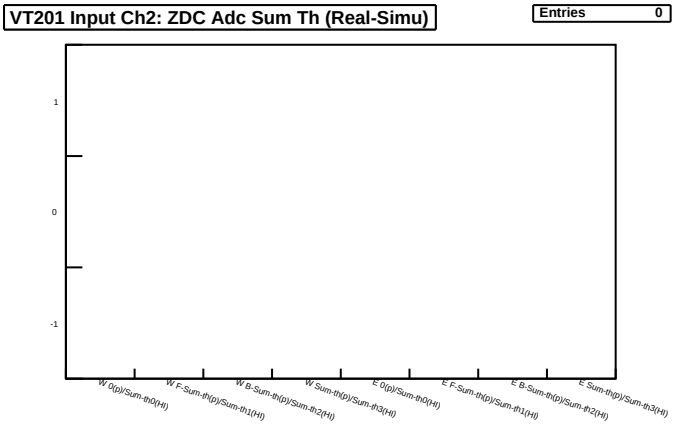

VT201 Input Ch1: EPD Hit Count Th
Entries 77362
13067
25926
25614
12755
East
West

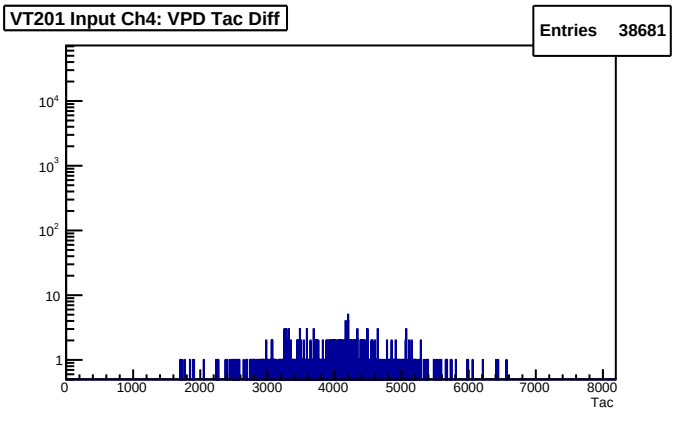

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

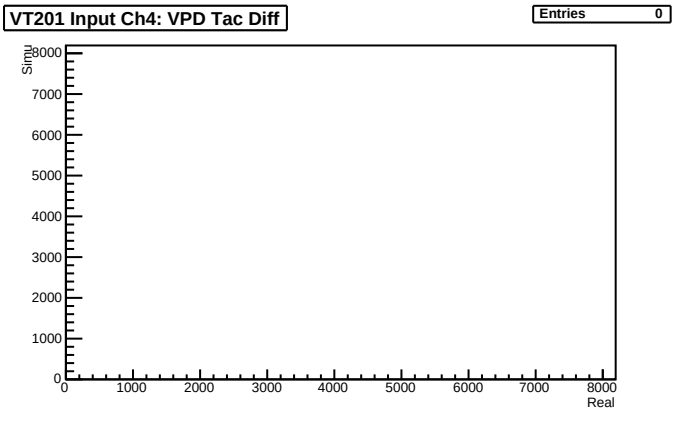

VT201 Input Ch2: ZDC Tac Diff
Entries 38681
Tac

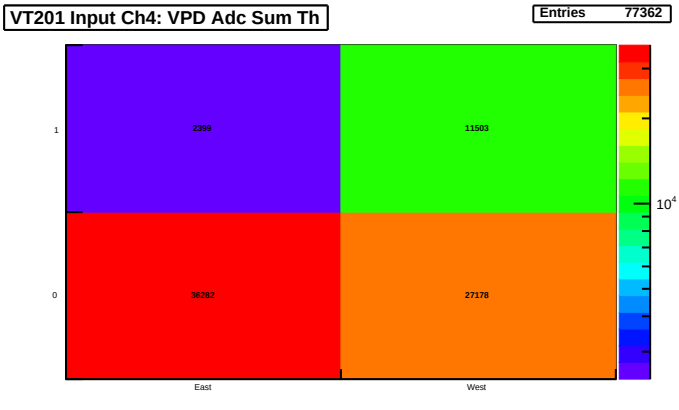

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

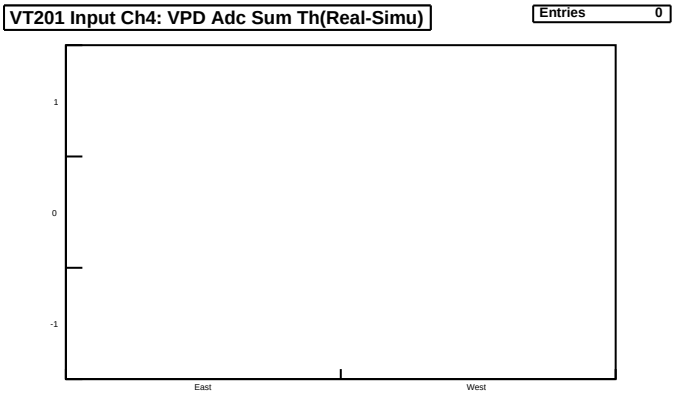

VT201 Input Ch2: ZDC Adc Sum Th
Entries 309448
103
20
44
20
38578
38661
38681
38681
38637
38661
38681
38681
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

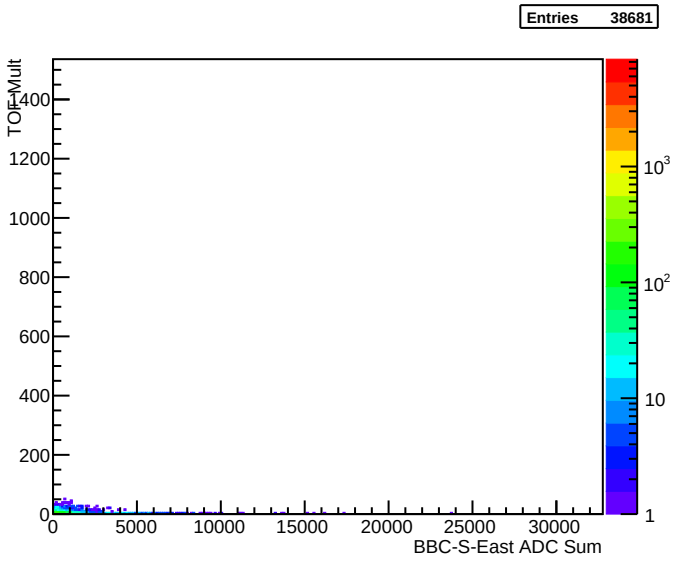

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

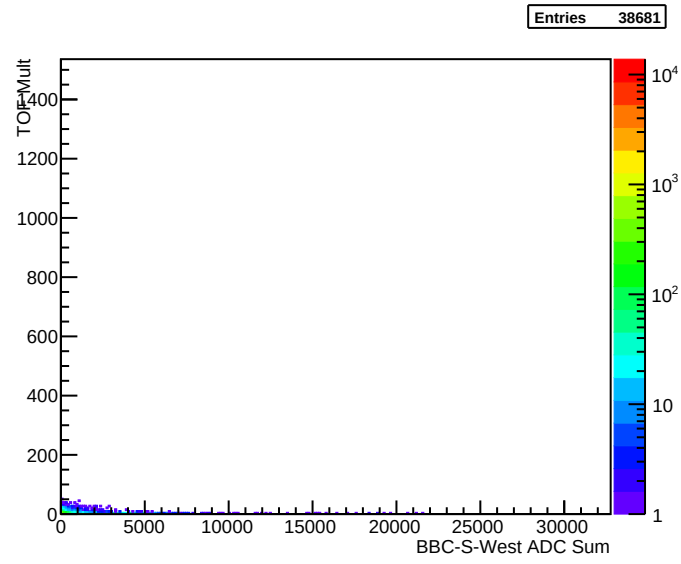

VT201 Input Ch4: VPD Tac Diff
Entries 38681
Tac

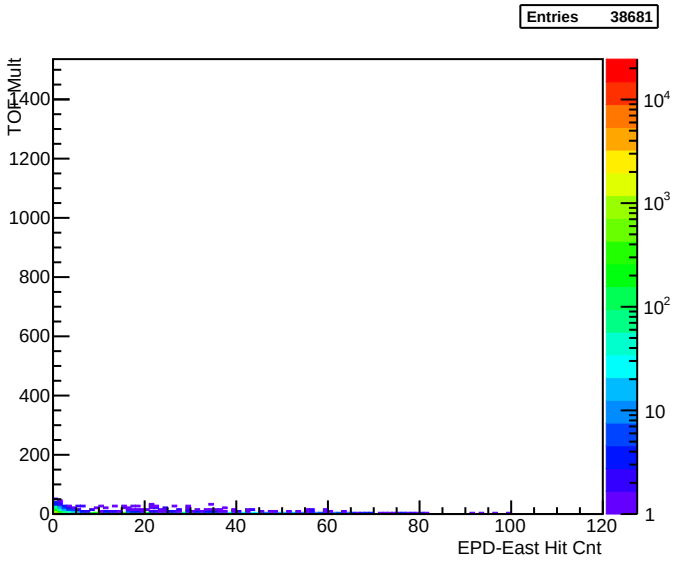

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

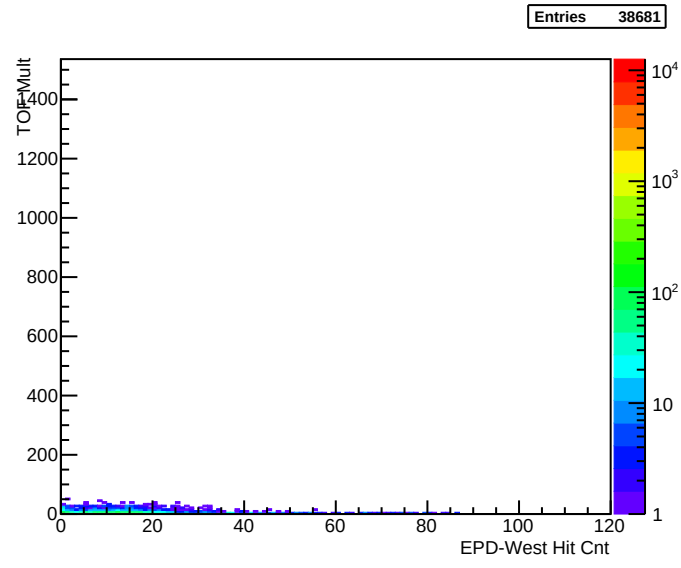

VT201 Input Ch4: VPD Adc Sum Th
Entries 77362
2399
11503
36282
27178
East
West

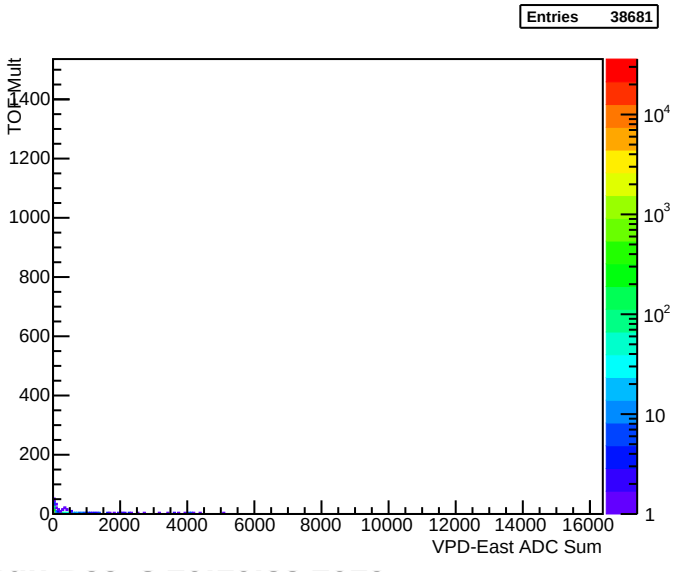

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

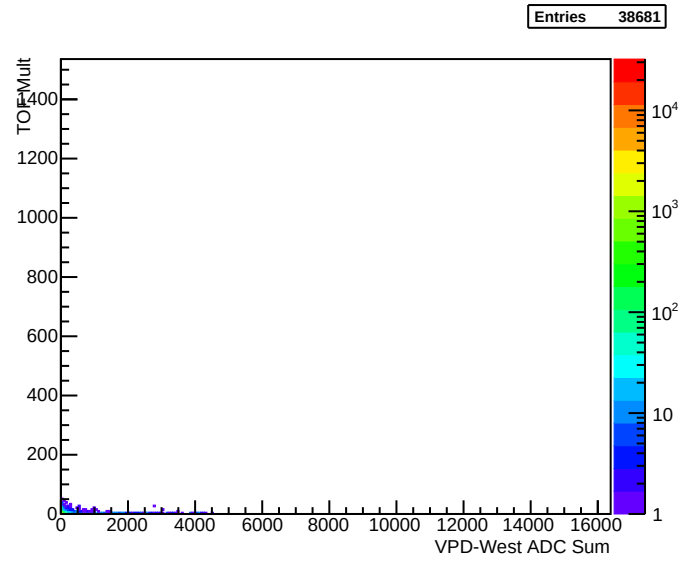

Entries 38681
TOF-Mult
BBC-S-East ADC Sum

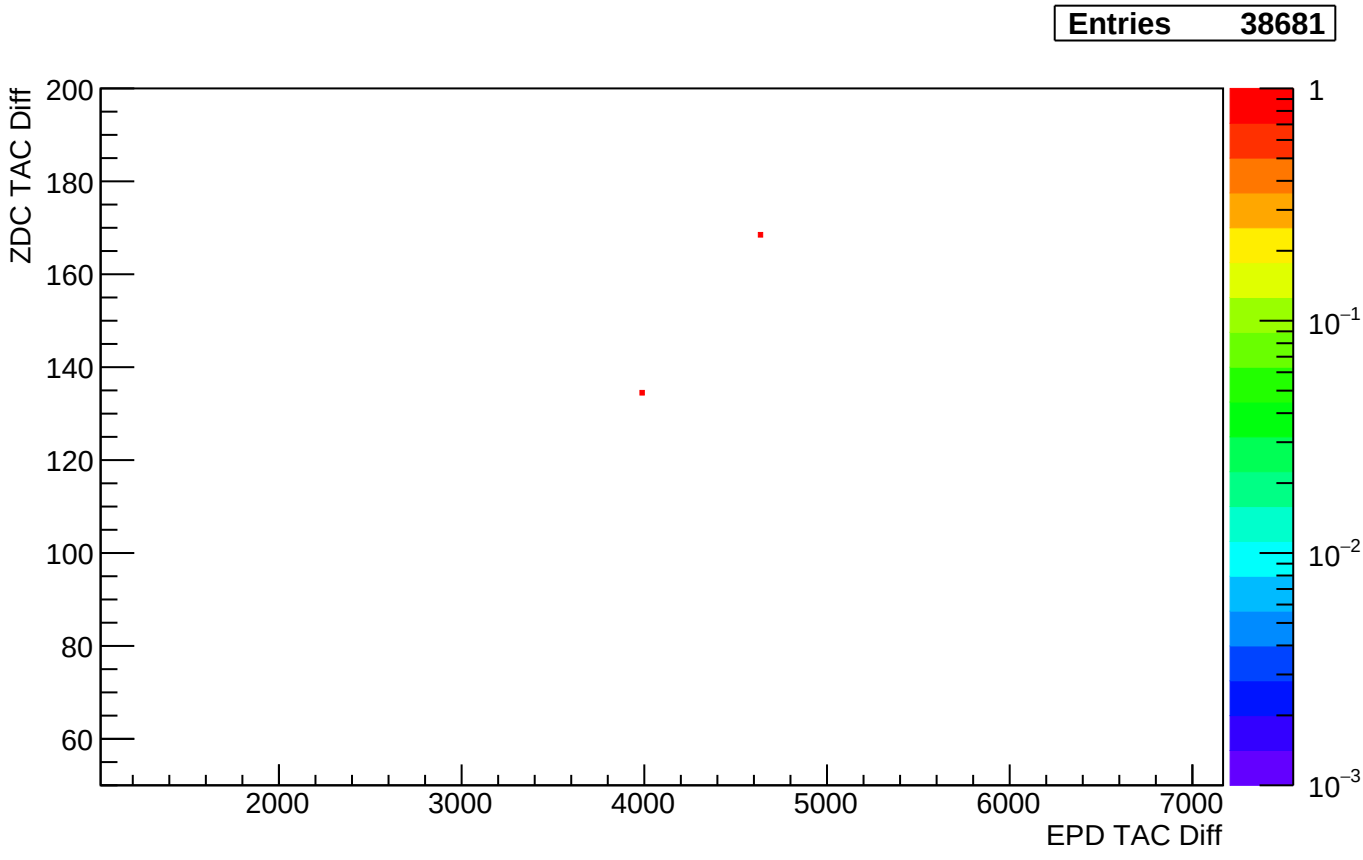

Entries 38681
TOF-Mult
BBC-S-West ADC Sum

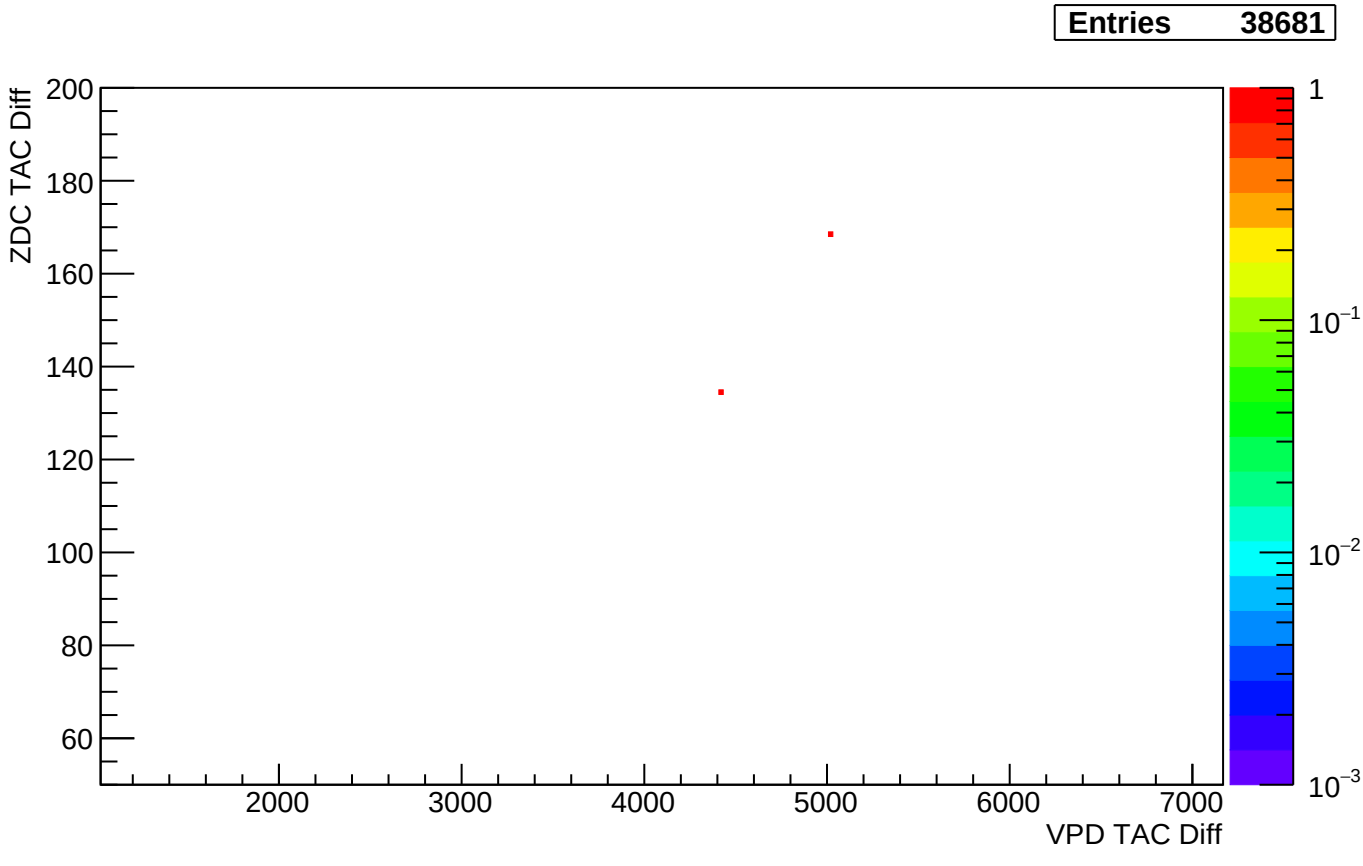

Entries 38681
TOF-Mult
EPD-East Hit Cnt

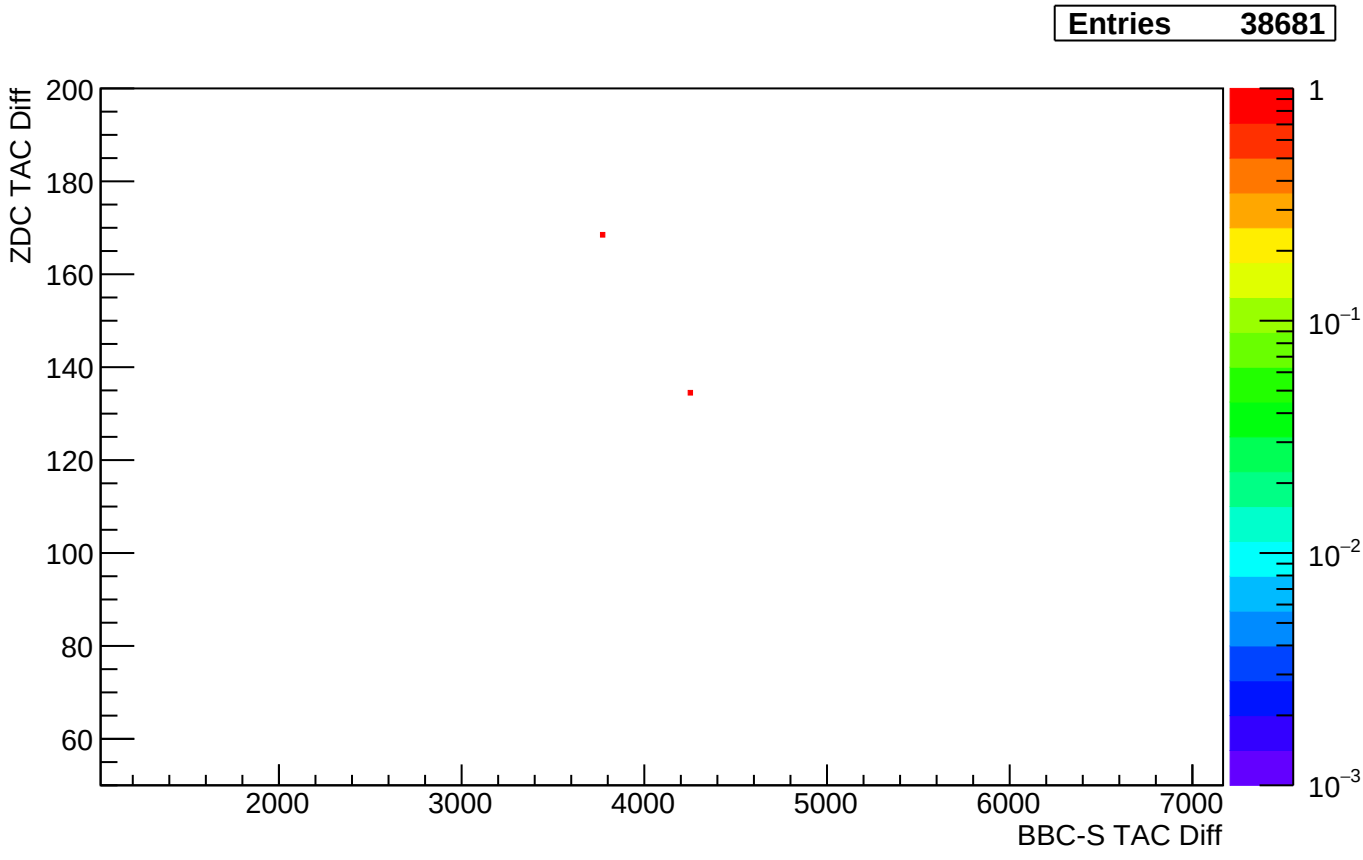

Entries 38681
TOF-Mult
EPD-West Hit Cnt

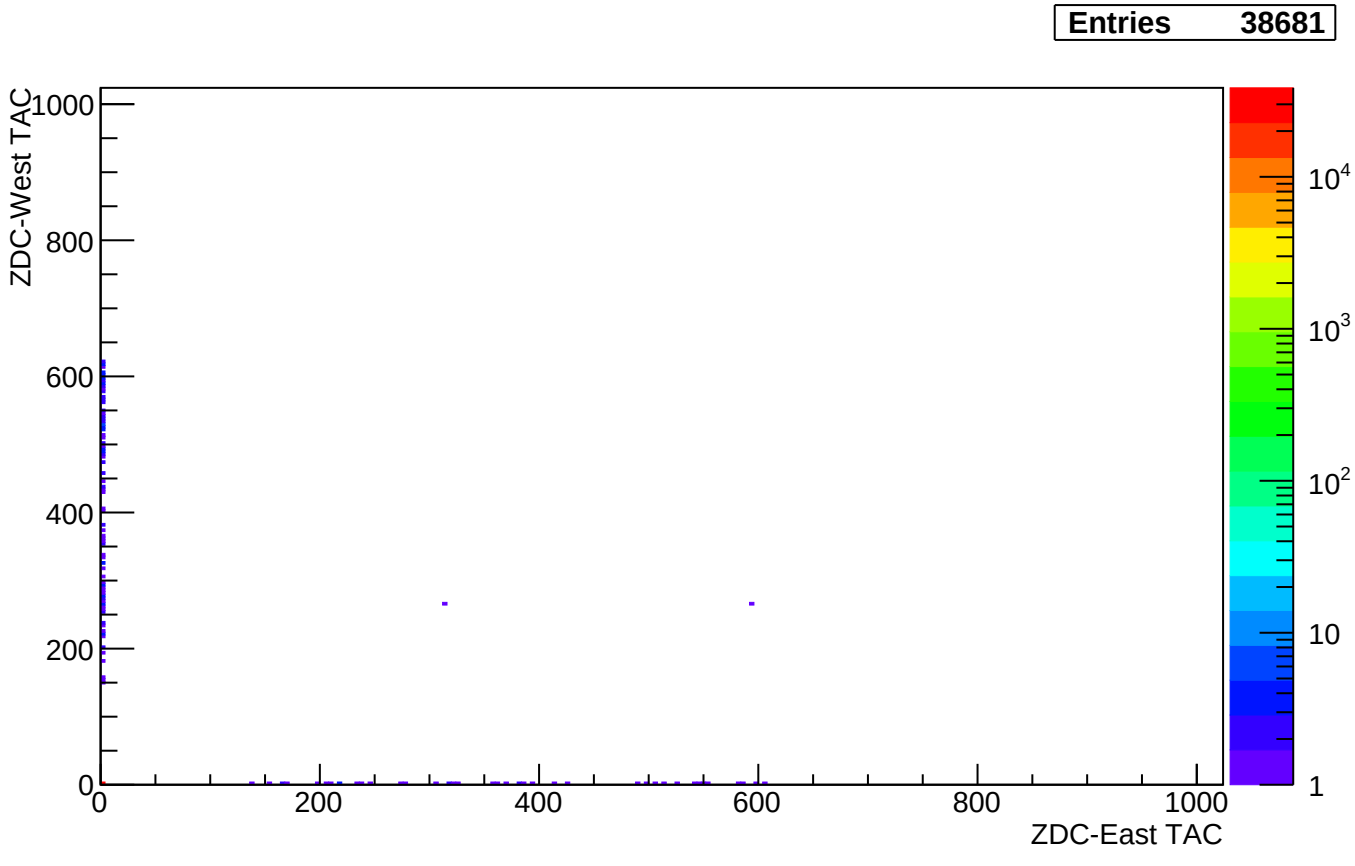

Entries 38681
TOF-Mult
VPD-East ADC Sum

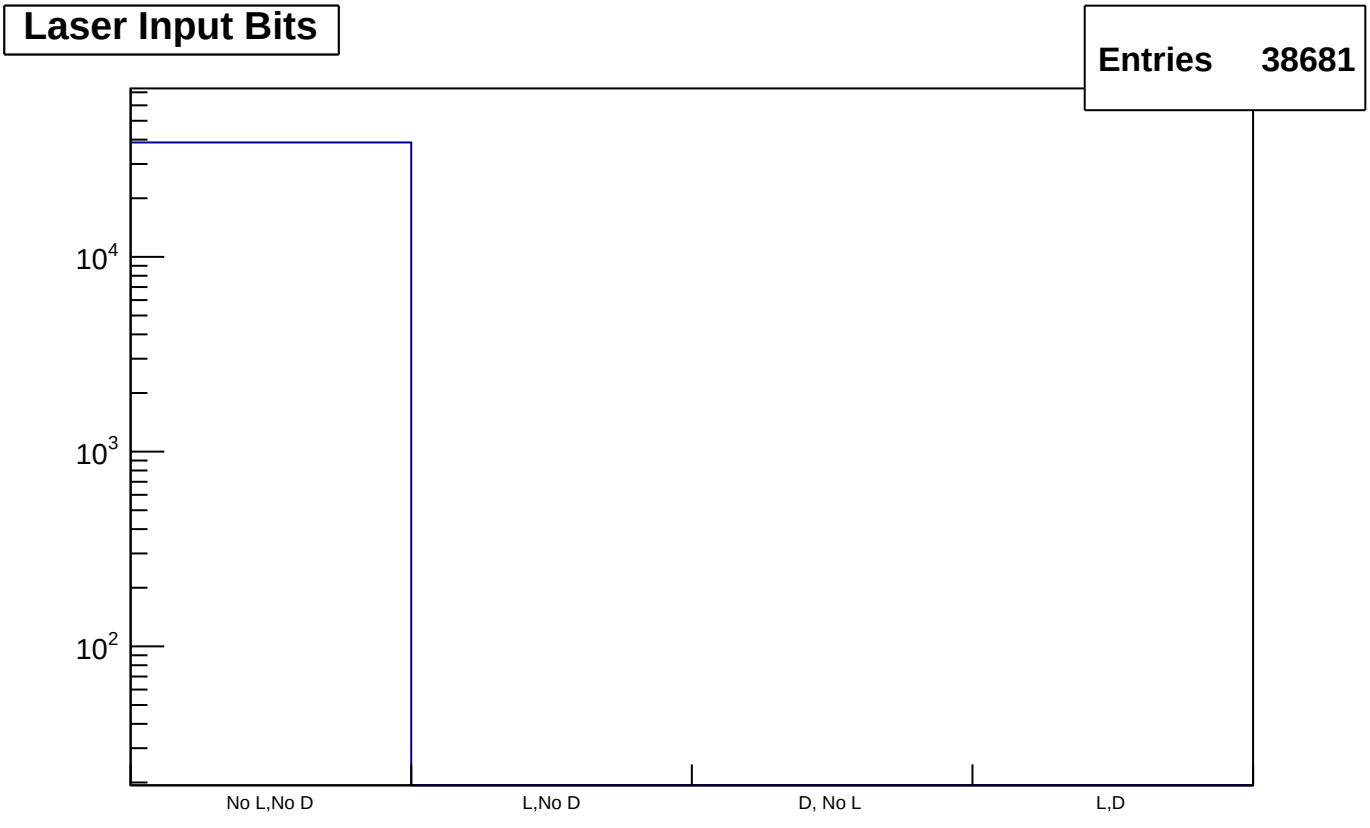

Entries 38681
TOF-Mult
VPD-West ADC Sum

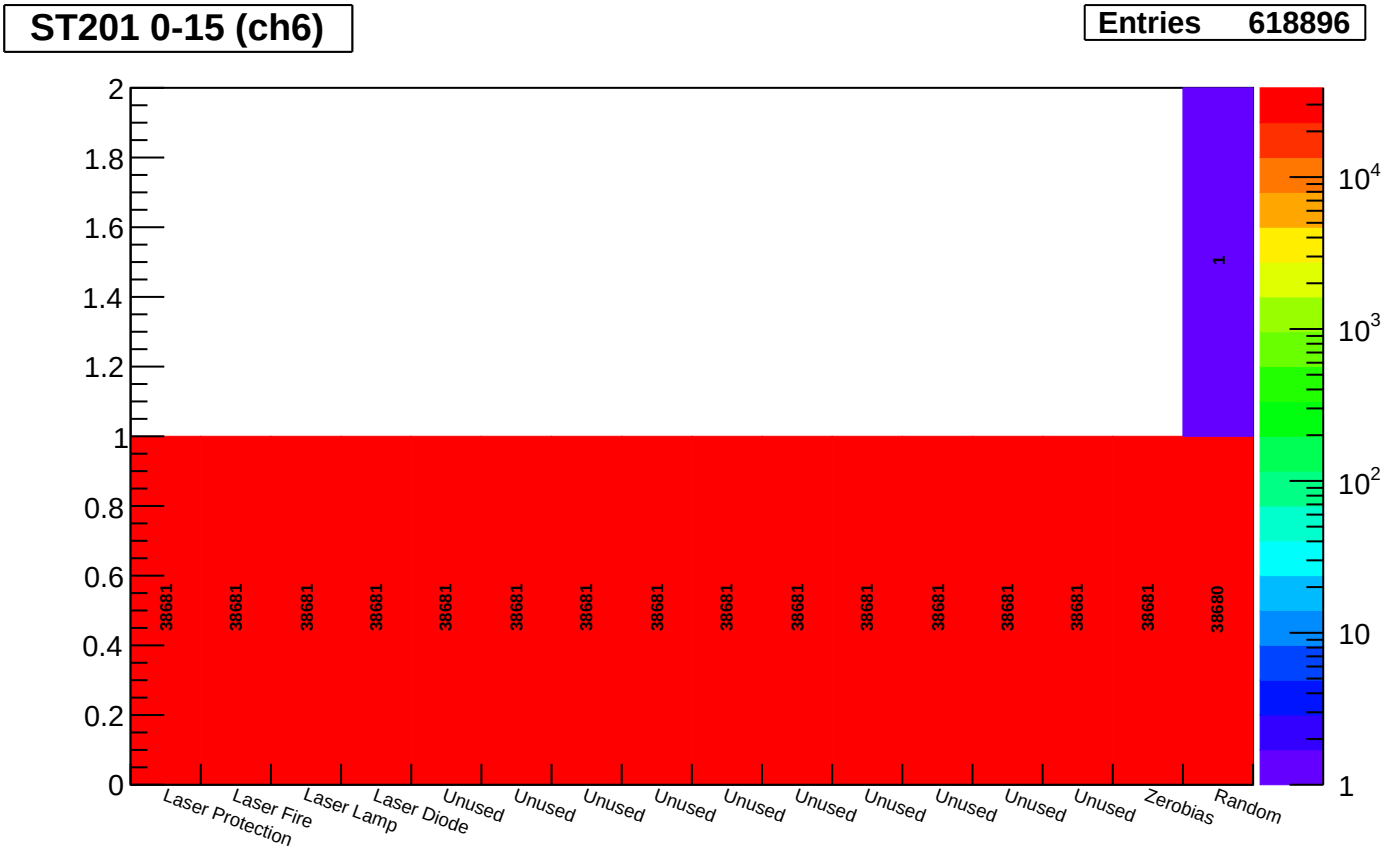

Entries 38681
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

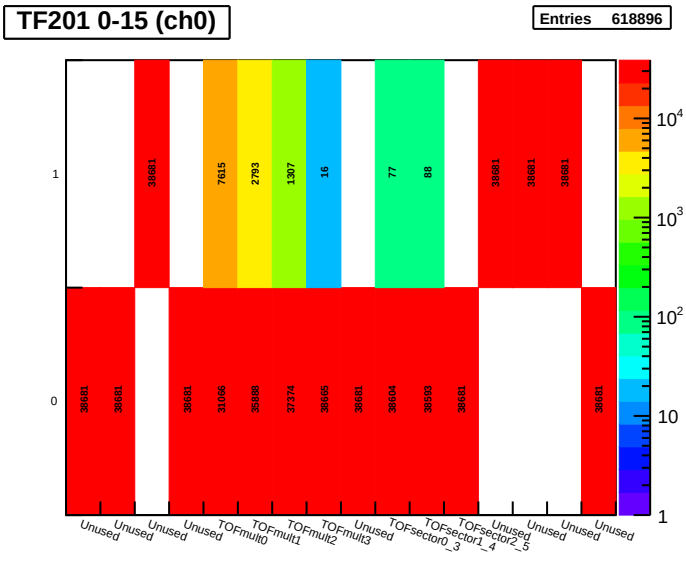

Entries 38681
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

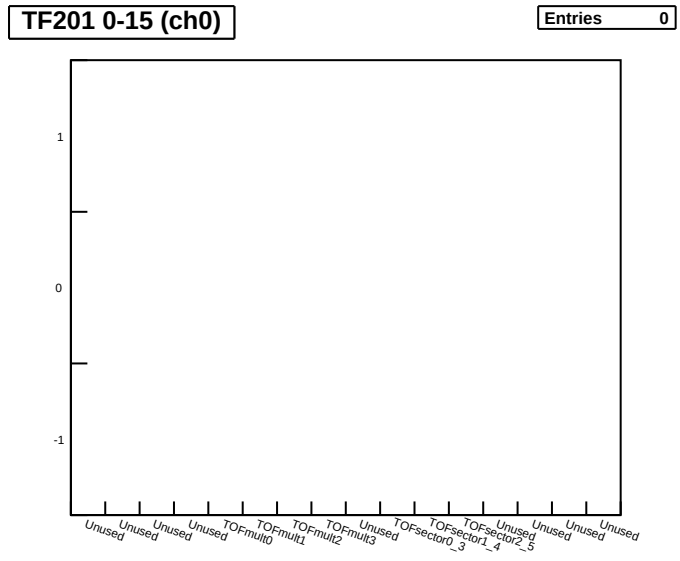

Entries 38681
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

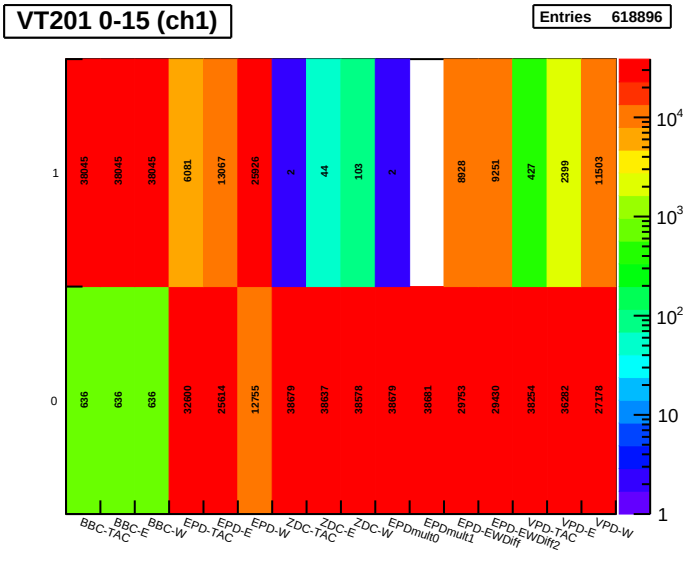

Entries 38681
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

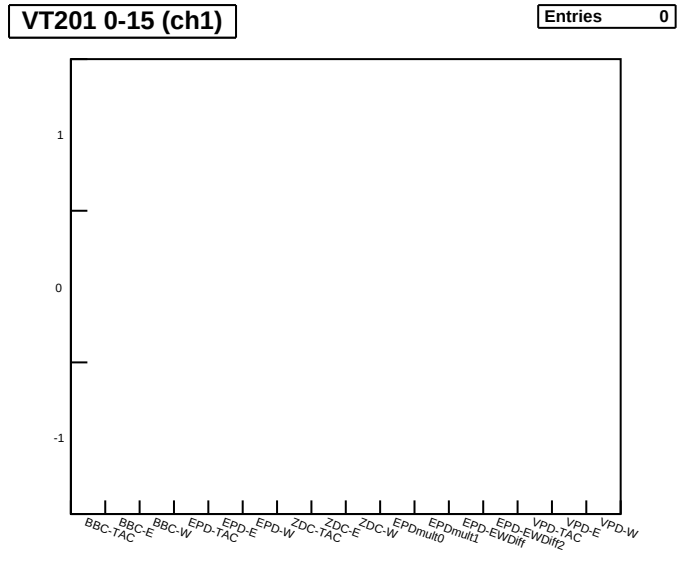

Laser Input Bits
Entries 38681
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

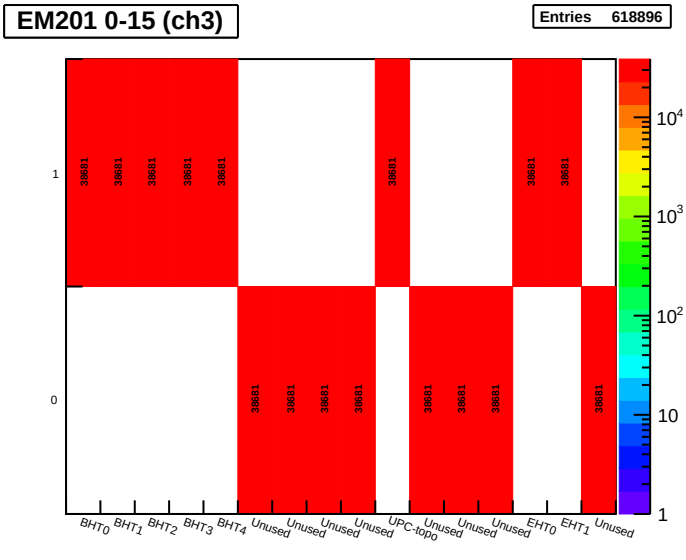

ST201 0-15 (ch6)
Entries 618896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
38681
38680
1
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

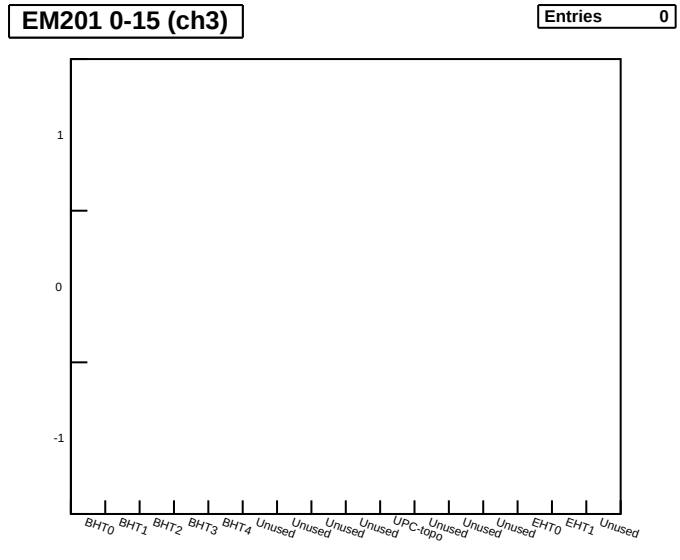

TF201 0-15 (ch0)
Entries 618896
1
0
38681 7615 2793 1307 16 77 88 38681 38681 38681
38681 38681 38681 31066 35888 37374 38665 38681 38604 38593 38681 38681
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 618896
1
0
38045 38045 38045 6081 13067 25926 2 44 103 2 8928 9251 427 2399 11503
636 636 636 32600 25614 12755 38679 38637 38578 38679 38681 29753 29430 38254 36282 27178
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
10^4 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 618896
1
0
38681 38681 38681 38681 38681 38681 38681 38681 38681
38681 38681 38681 38681 38681 38681 38681 38681
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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