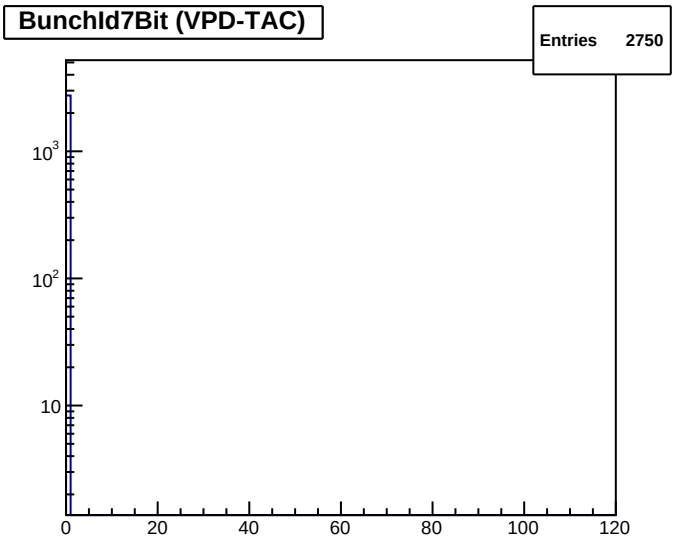
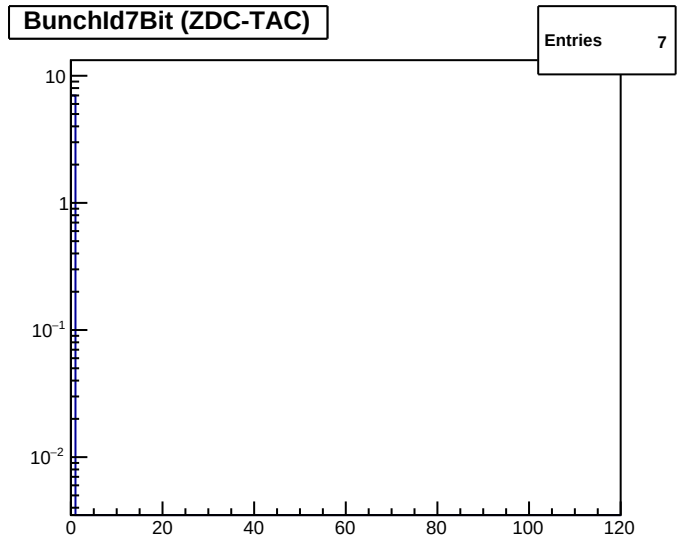
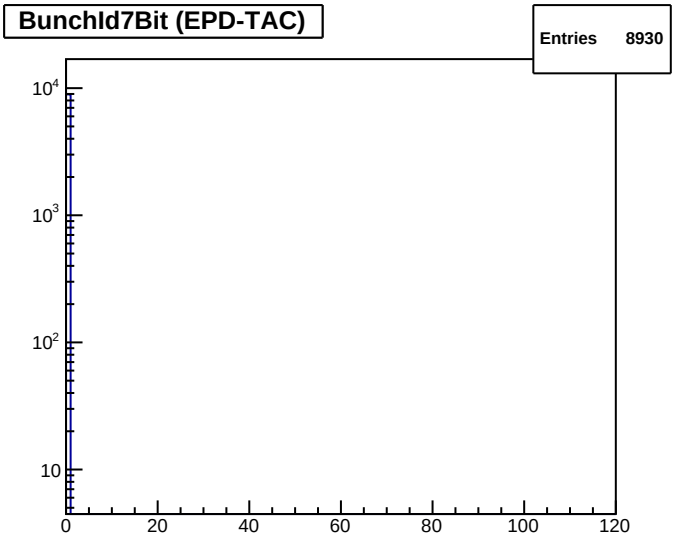
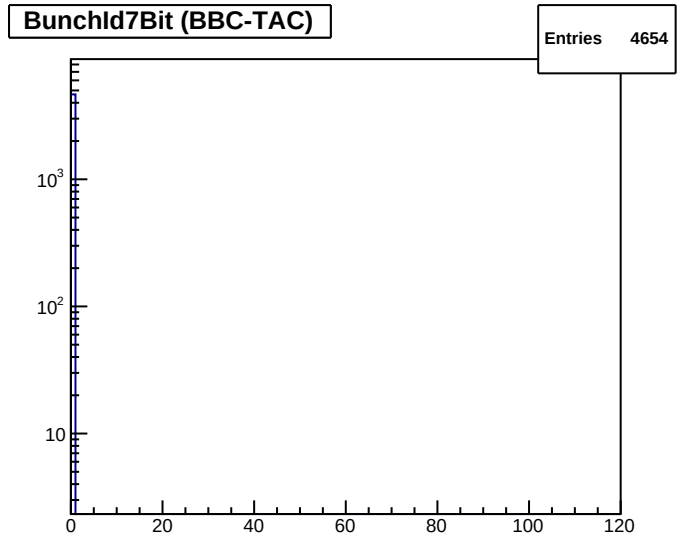
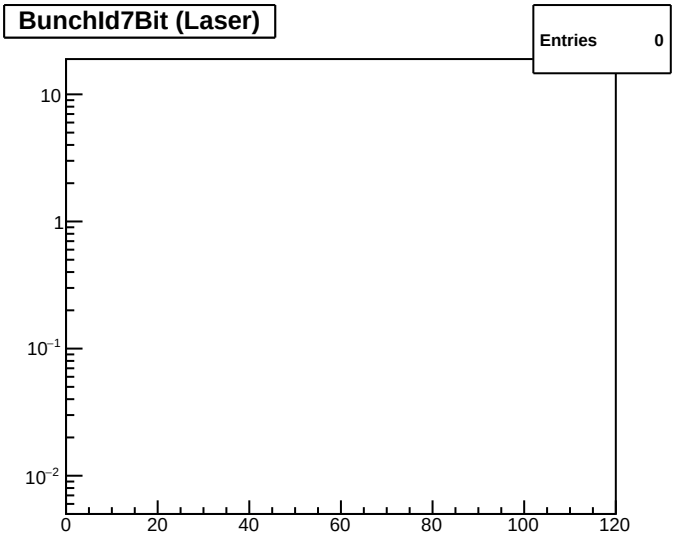
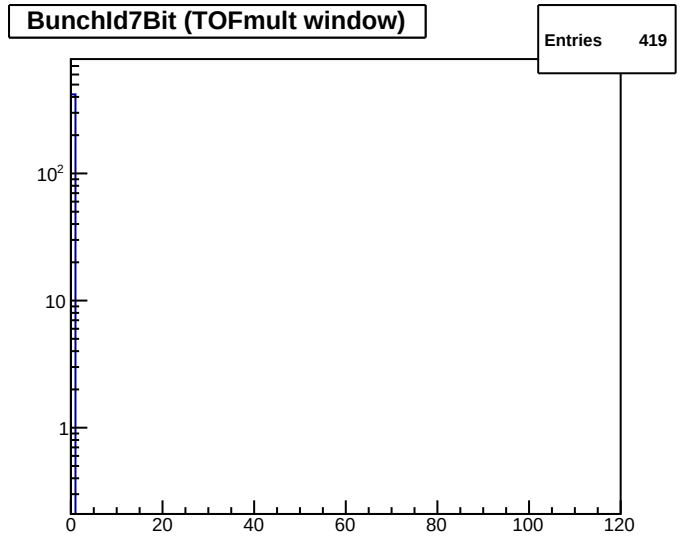

BunchId7Bit (VPD-TAC)
Entries 2750
10^3
10^2
10
0 20 40 60 80 100 120

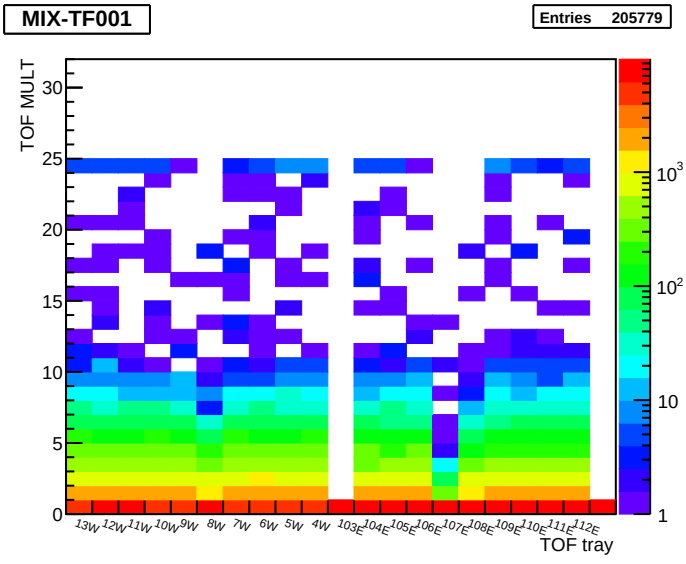

BunchId7Bit (ZDC-TAC)
Entries 7
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

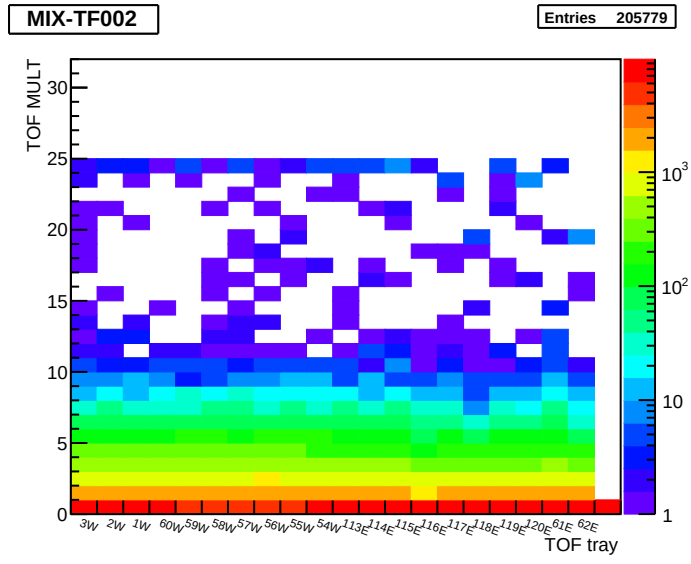

BunchId7Bit (EPD-TAC)
Entries 8930
10^4
10^3
10^2
10
0 20 40 60 80 100 120

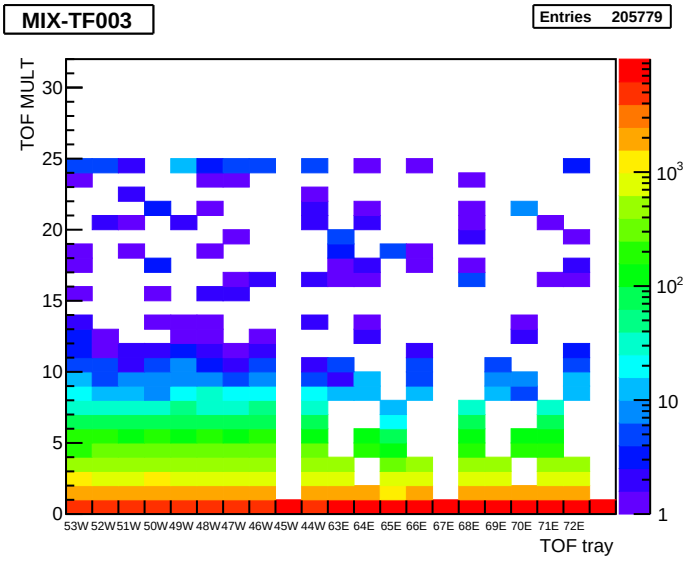

BunchId7Bit (BBC-TAC)
Entries 4654
10^3
10^2
10
0 20 40 60 80 100 120

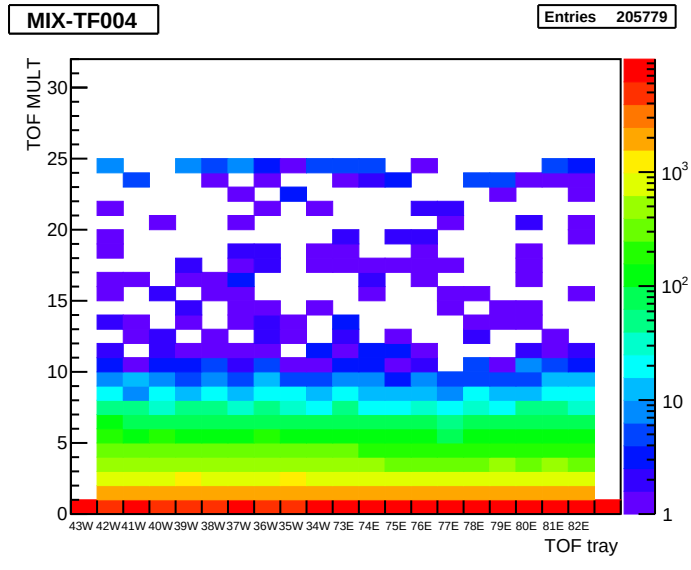

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

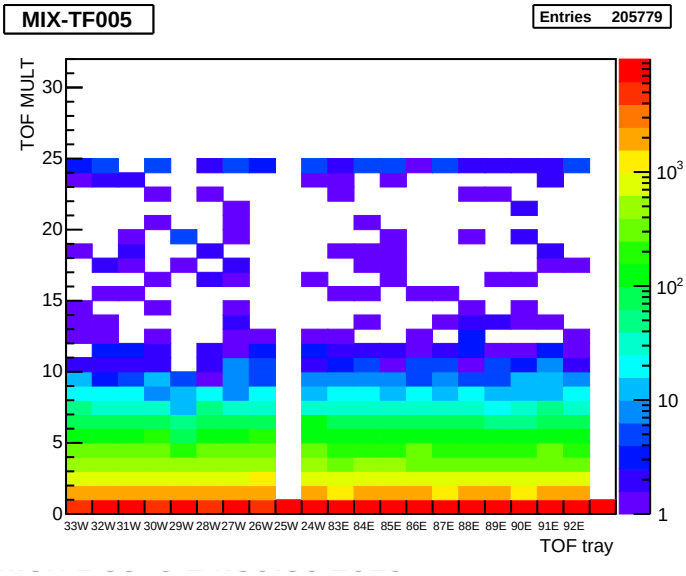

BunchId7Bit (TOFmult window)
Entries 419
10^2
10
1
0 20 40 60 80 100 120

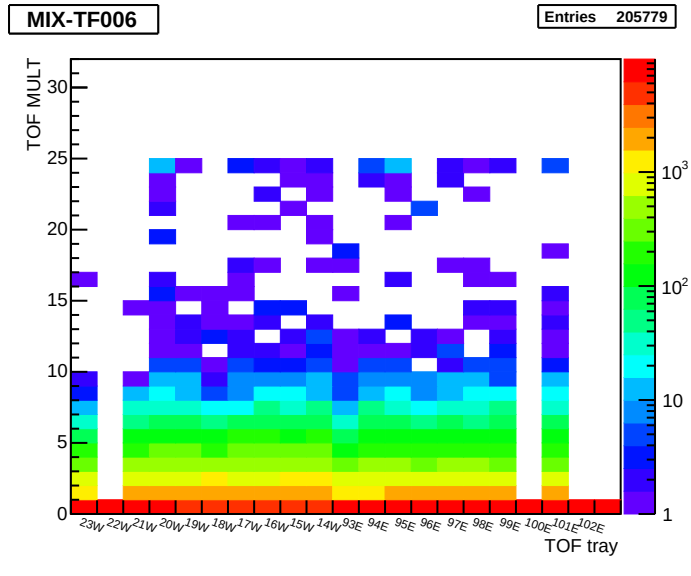

MIX-TF001
Entries 205779
TOF MULT
TOF tray

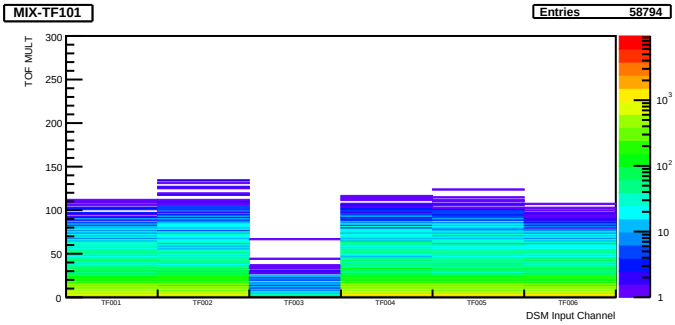

MIX-TF002
Entries 205779
TOF MULT
TOF tray

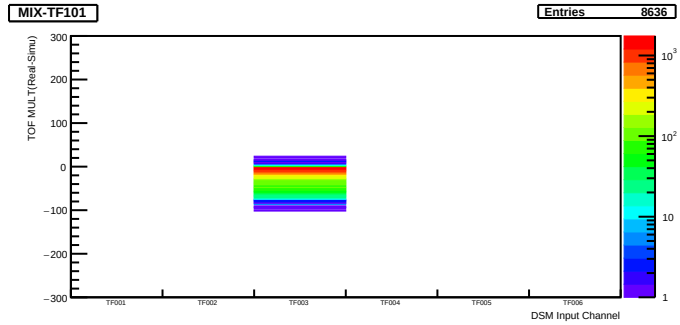

MIX-TF003
Entries 205779
TOF MULT
TOF tray

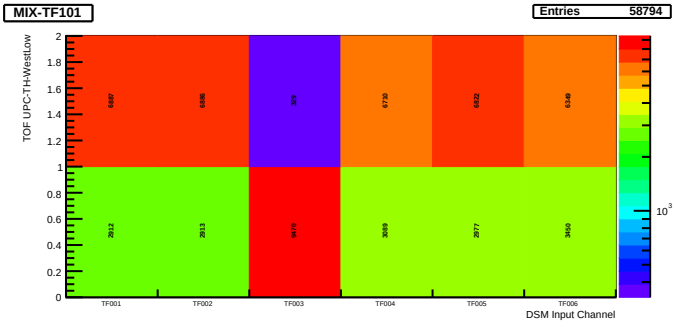

MIX-TF004
Entries 205779
TOF MULT
TOF tray

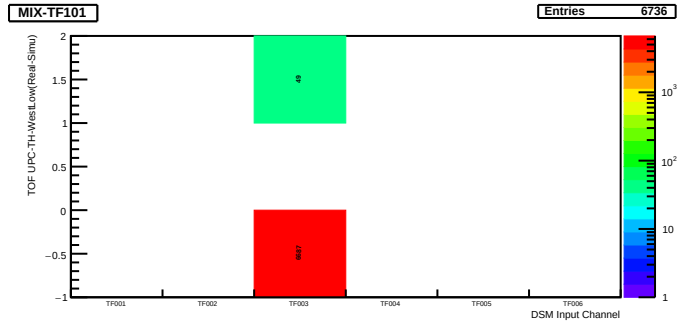

MIX-TF005
Entries 205779
TOF MULT
TOF tray

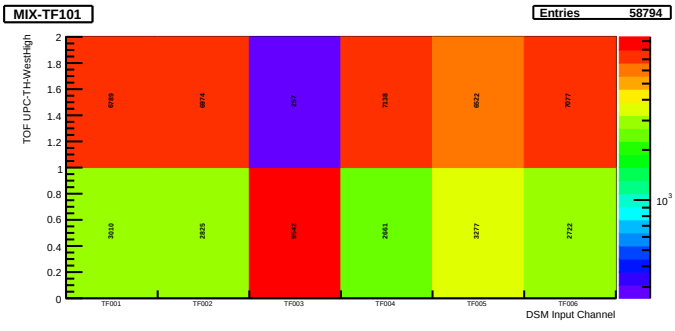

MIX-TF006
Entries 205779
TOF MULT
TOF tray

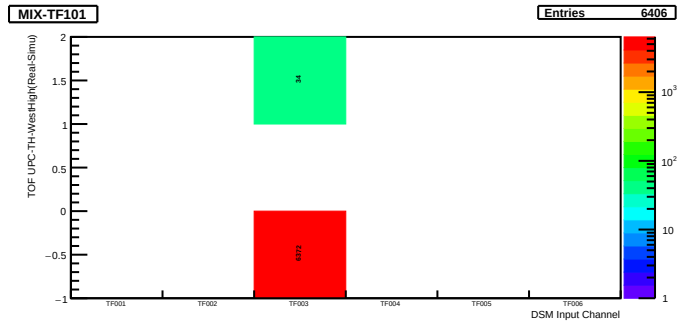

MIX-TF101
Entries 58794
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

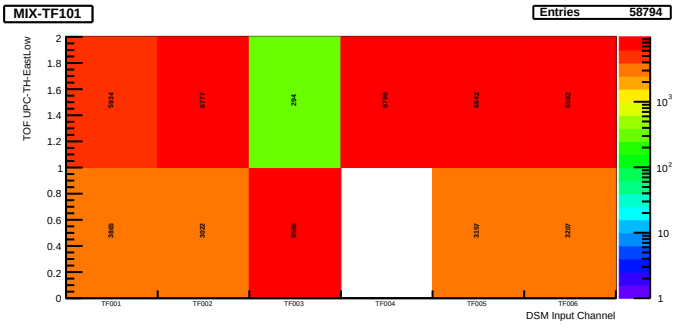

MIX-TF101
Entries 8636
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

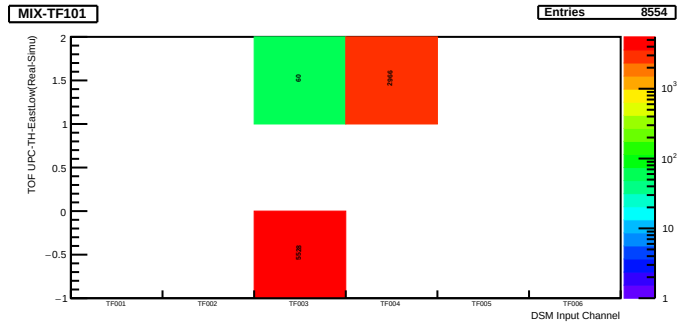

MIX-TF101
Entries 58794
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

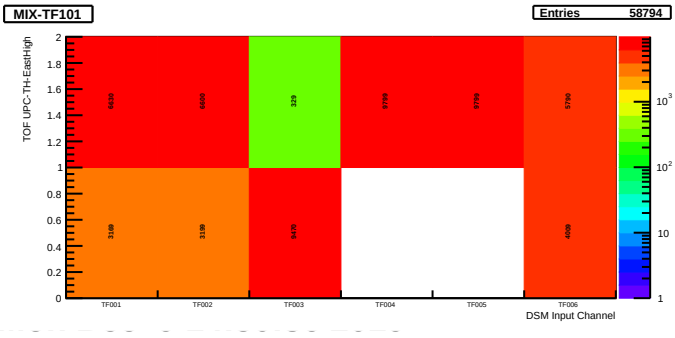

MIX-TF101
Entries 6736
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

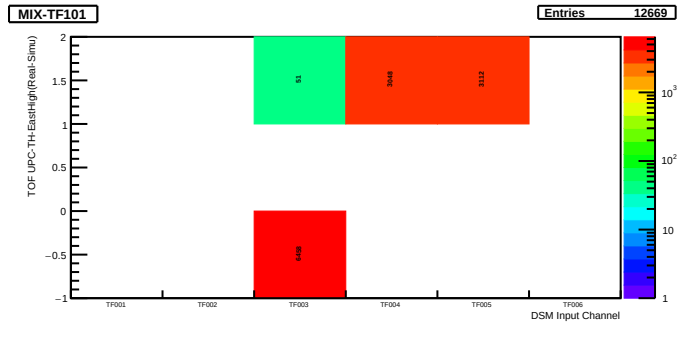

MIX-TF101
Entries 58794
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

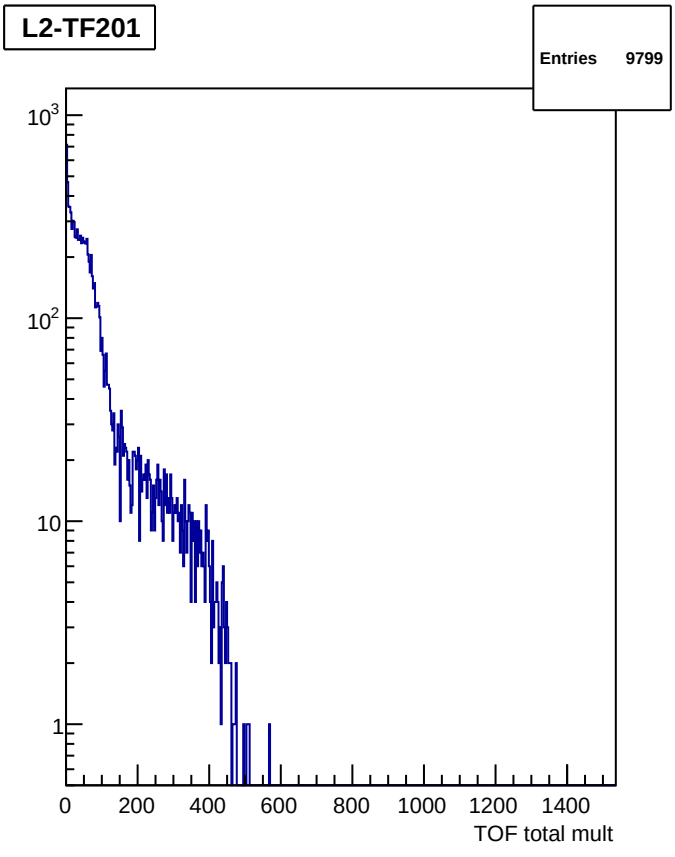

MIX-TF101
Entries 6406
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

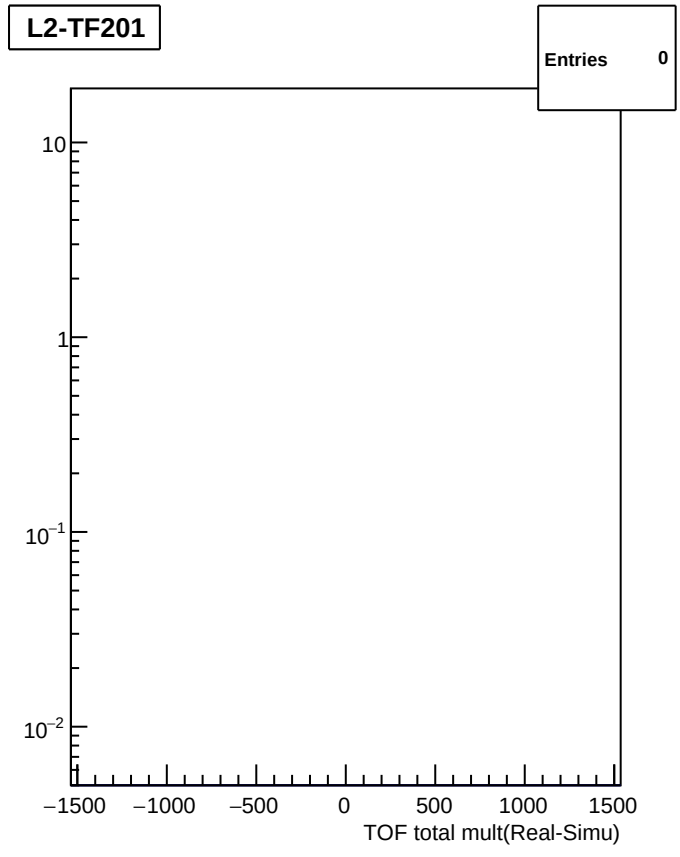

MIX-TF101
Entries 58794
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

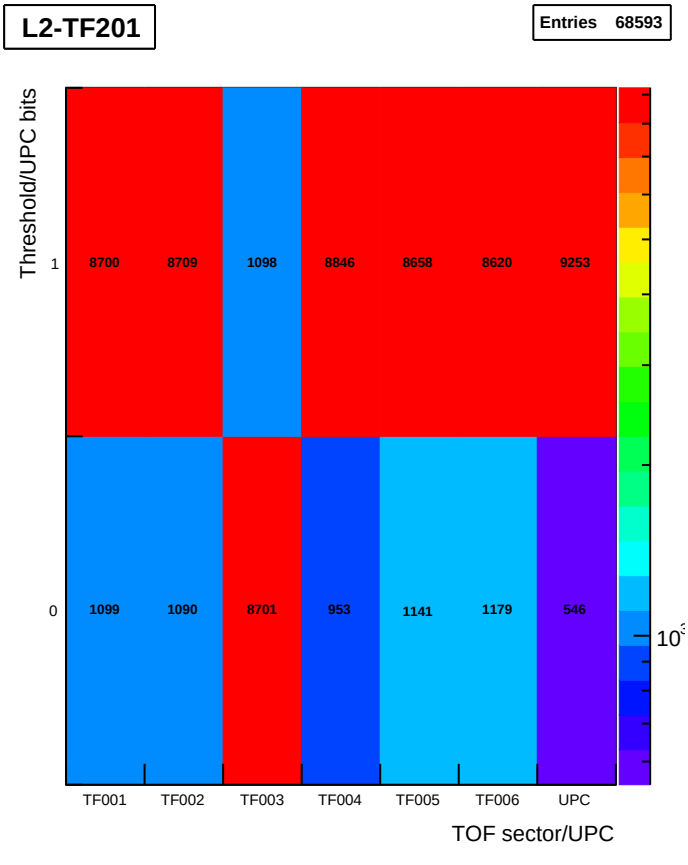

MIX-TF101
Entries 8554
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

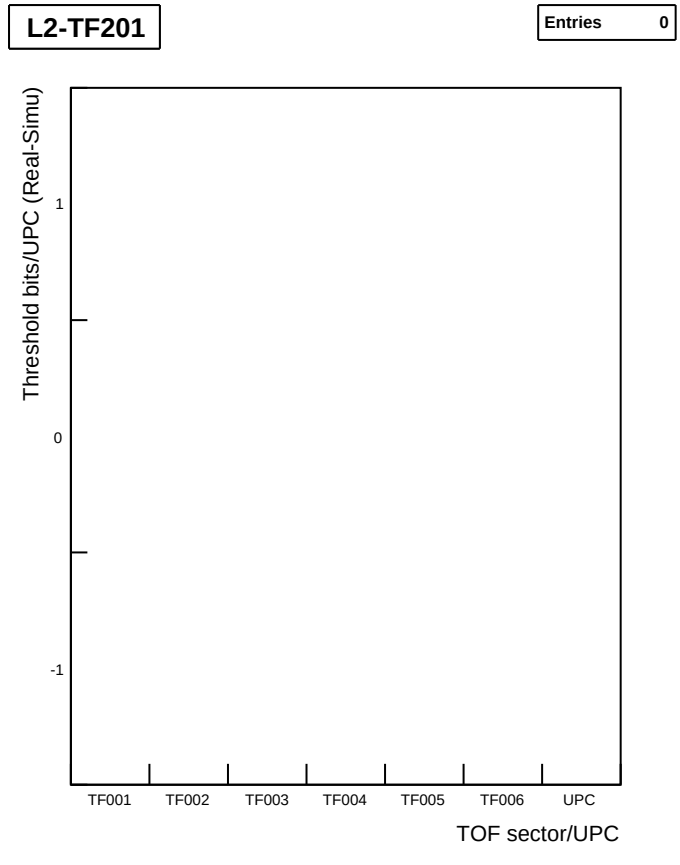

MIX-TF101
Entries 58794
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

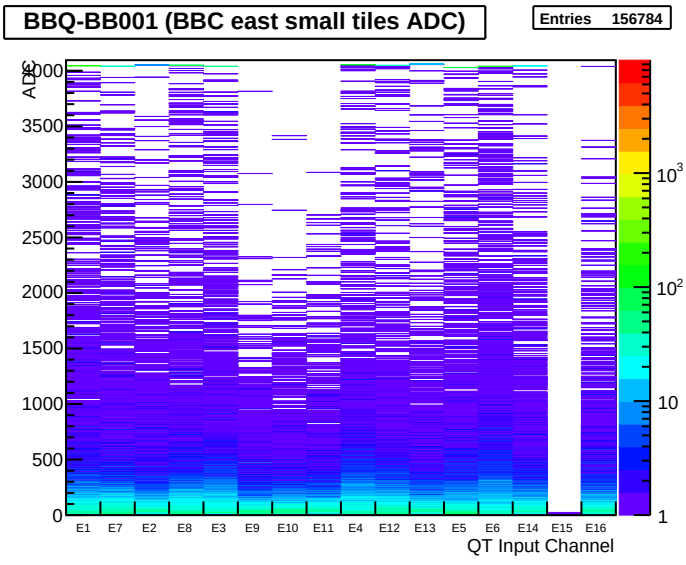

MIX-TF101
Entries 12669
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

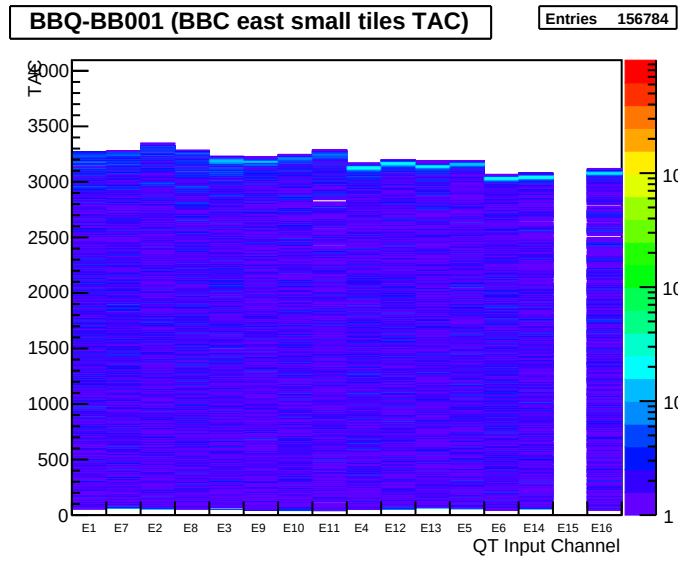

L2-TF201
Entries 9799
TOF total mult

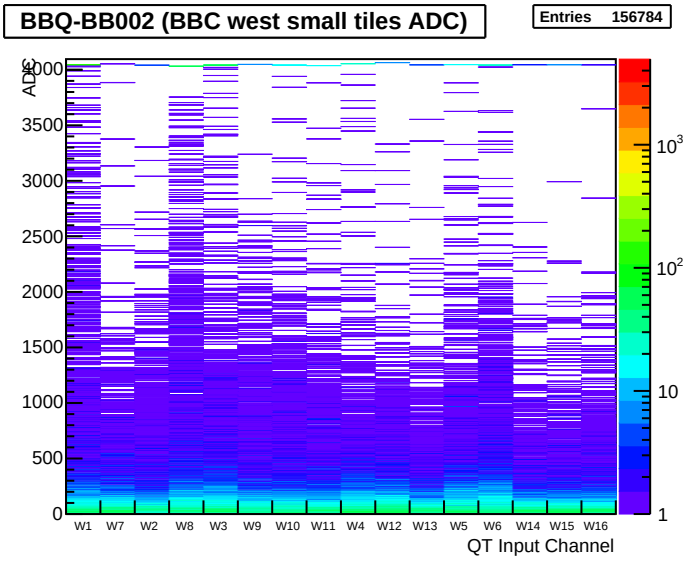

L2-TF201
Entries 0
TOF total mult(Real-Simu)

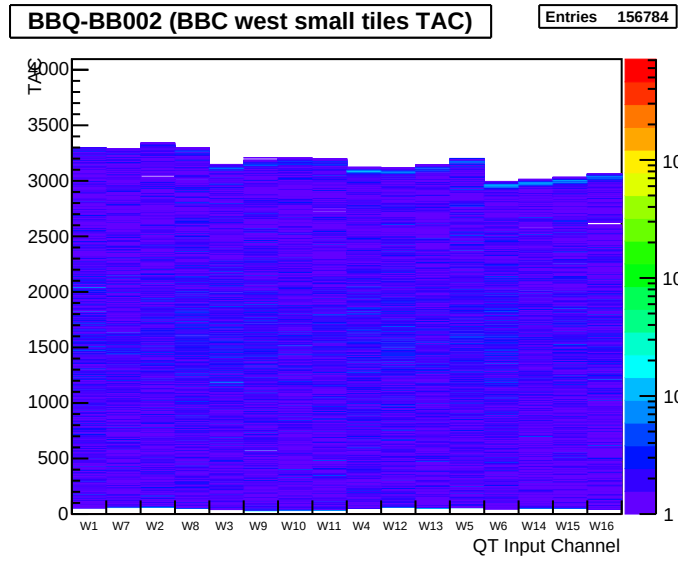

L2-TF201
Entries 68593
Threshold/UPC bits
8700 8709 1098 8846 8658 8620 9253
1099 1090 8701 953 1141 1179 546
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

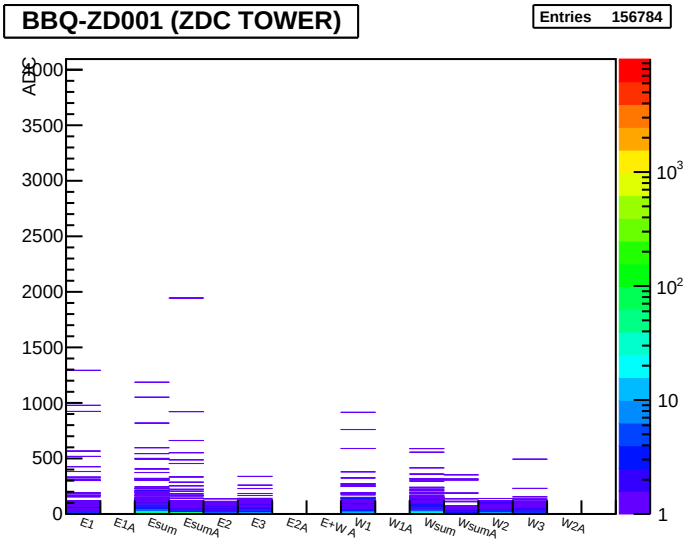

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

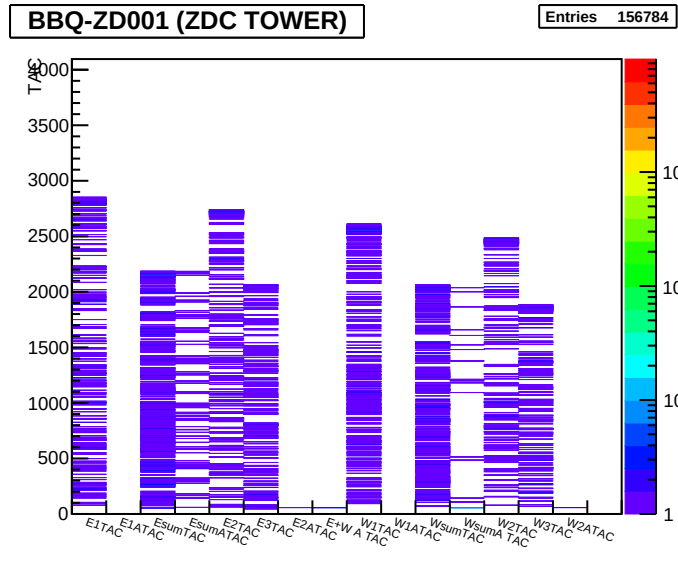

BBQ-BB001 (BBC east small tiles ADC)
Entries 156784
ADC
QT Input Channel

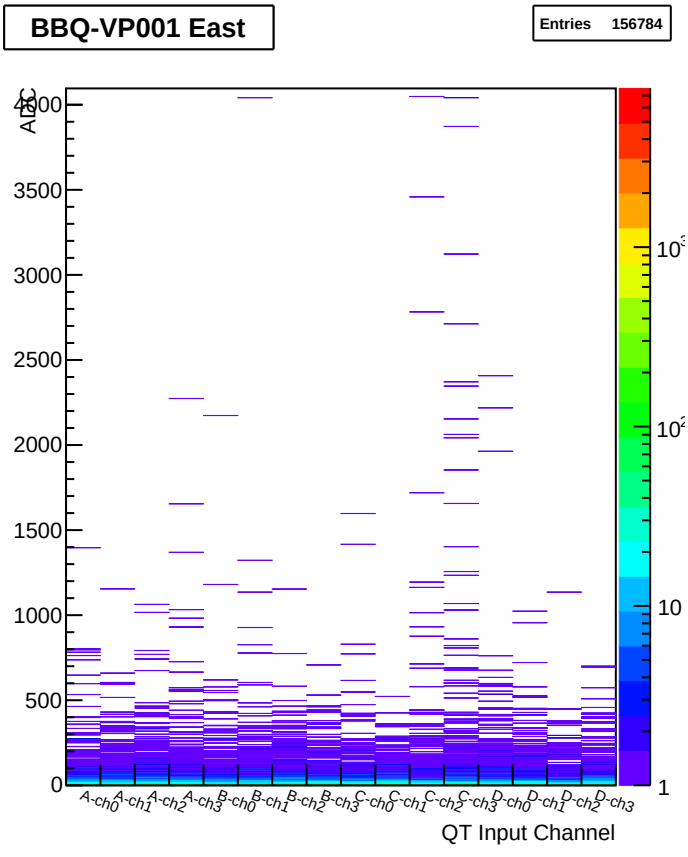

BBQ-BB001 (BBC east small tiles TAC)
Entries 156784
TAC
QT Input Channel

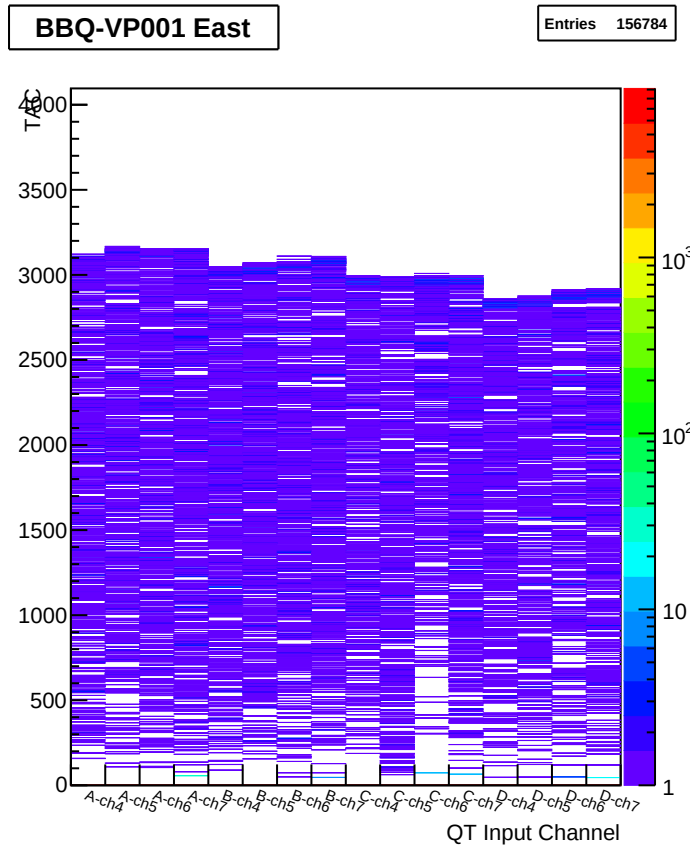

BBQ-BB002 (BBC west small tiles ADC)
Entries 156784
ADC
QT Input Channel

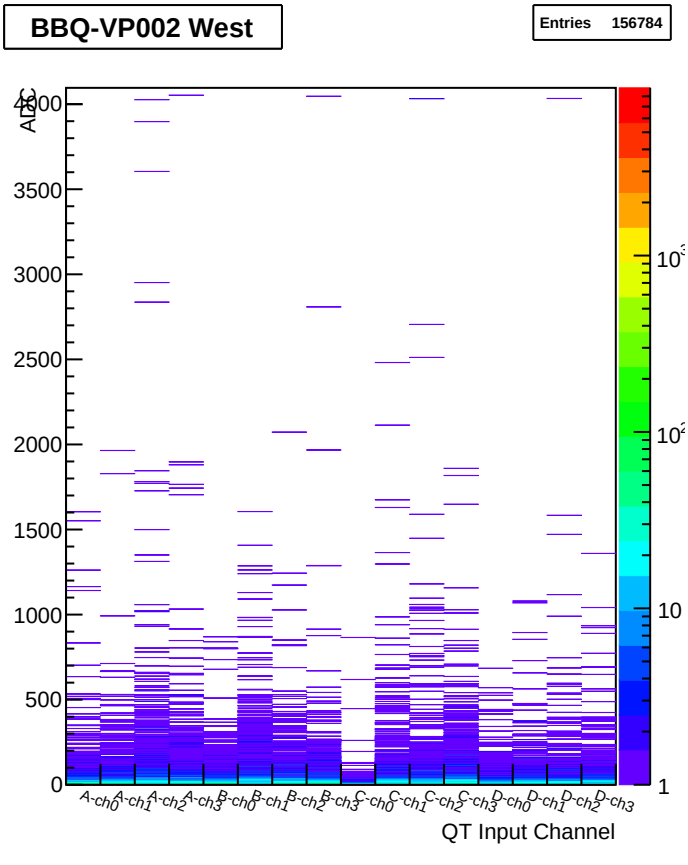

BBQ-BB002 (BBC west small tiles TAC)
Entries 156784
TAC
QT Input Channel

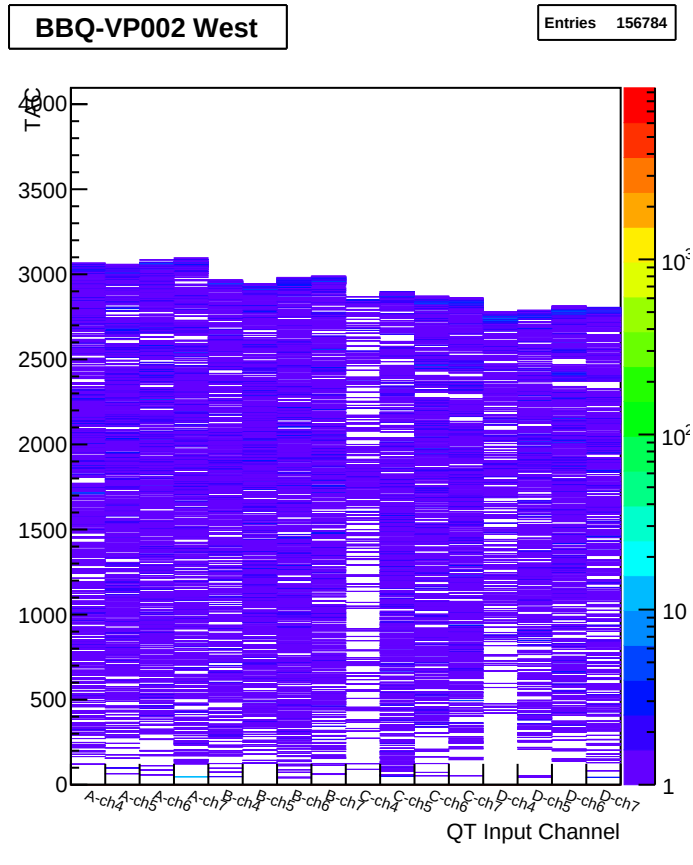

BBQ-ZD001 (ZDC TOWER)
Entries 156784
ADC

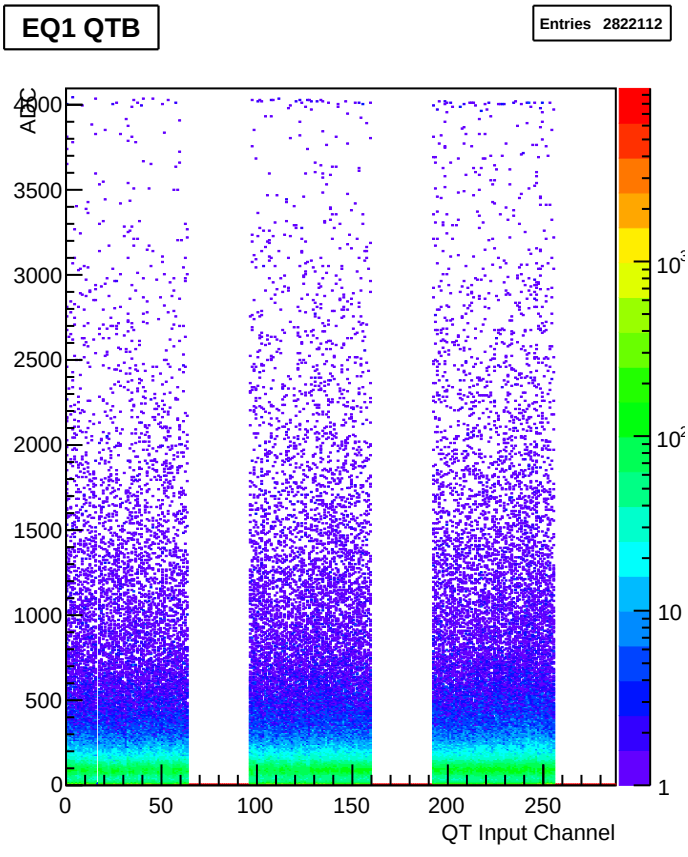

BBQ-ZD001 (ZDC TOWER)
Entries 156784
TAC

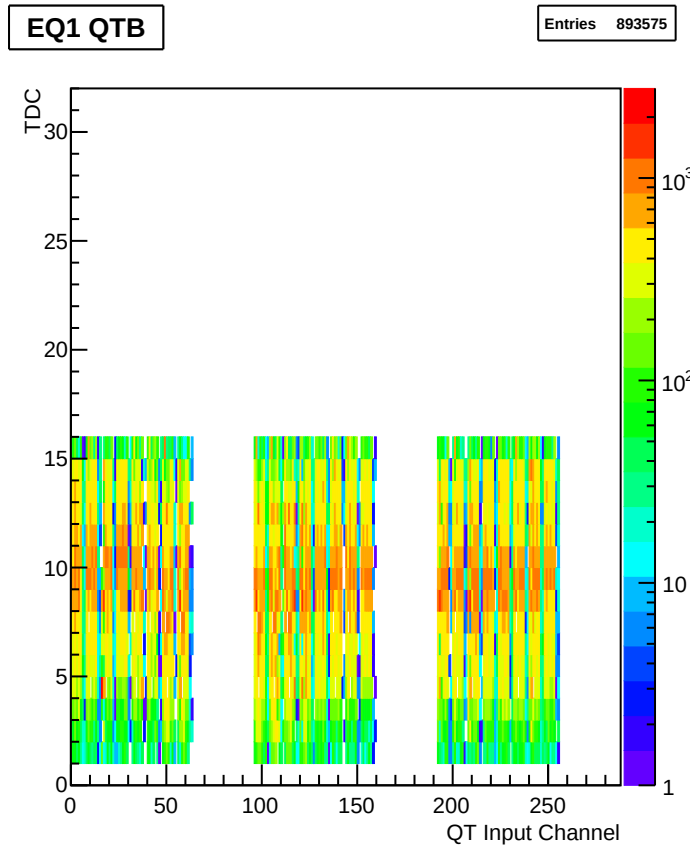

BBQ-VP001 East
Entries 156784
ADC
QT Input Channel

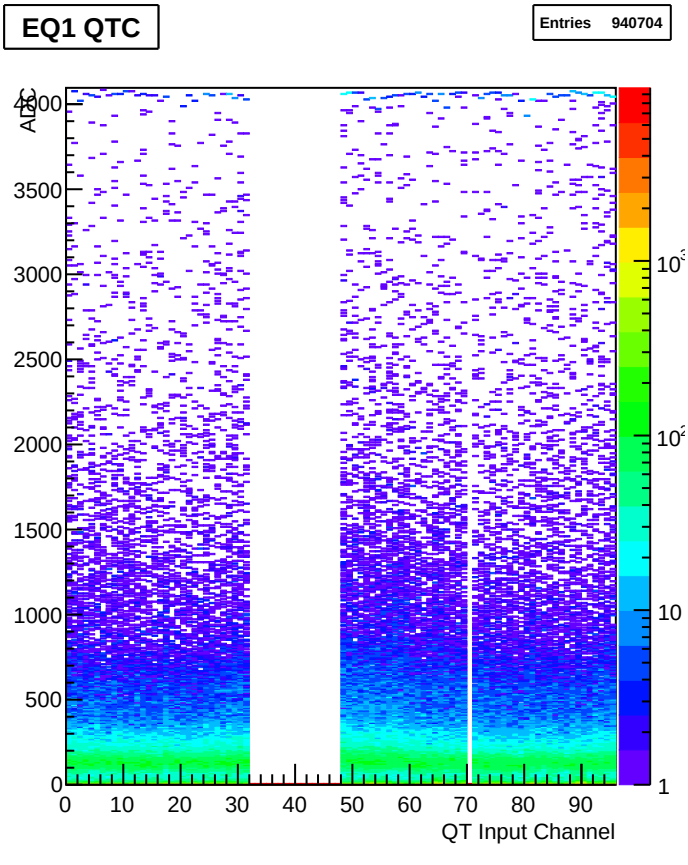

BBQ-VP001 East
Entries 156784
TAC
QT Input Channel

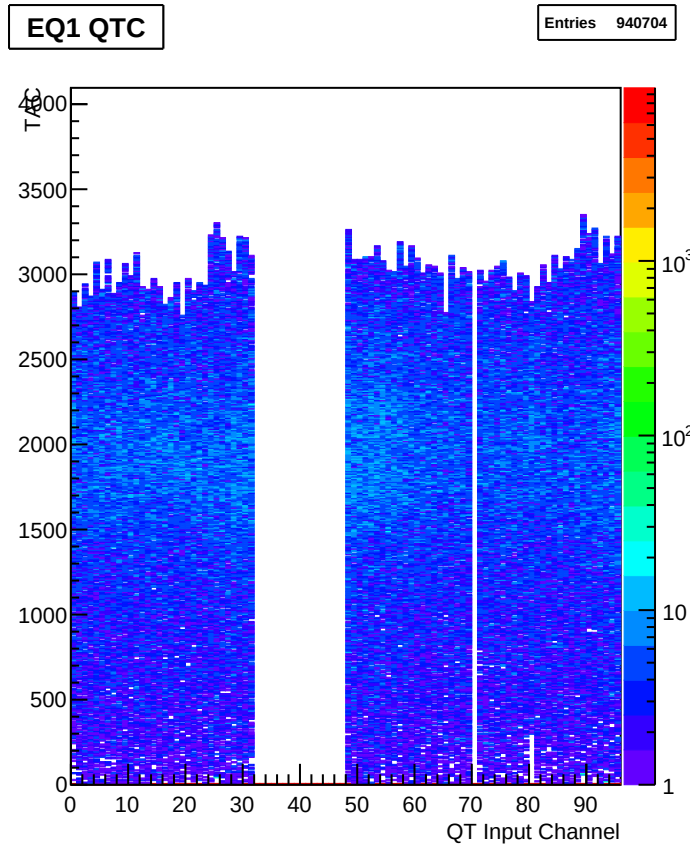

BBQ-VP002 West
Entries 156784
ADC
QT Input Channel

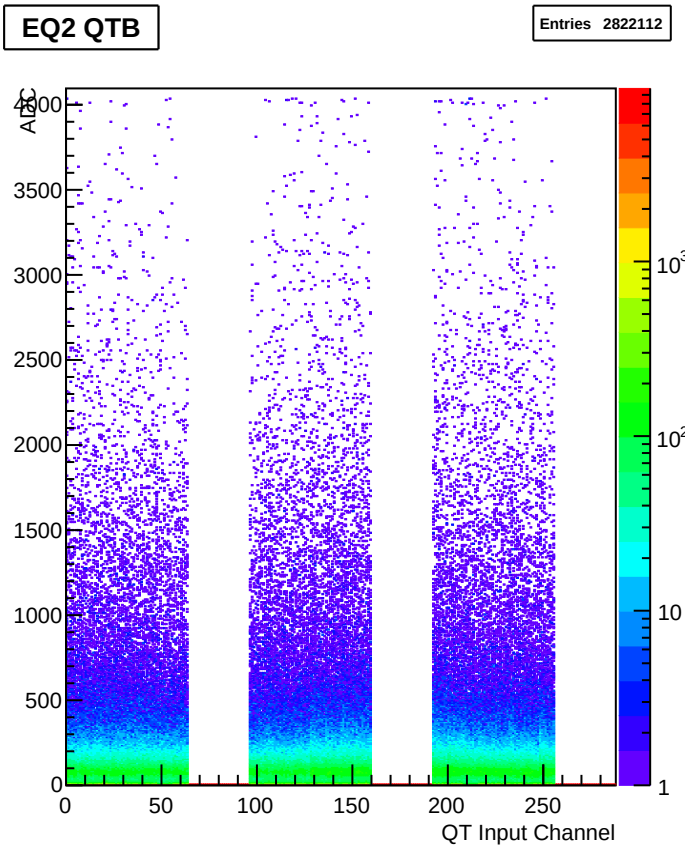

BBQ-VP002 West
Entries 156784
TAC
QT Input Channel

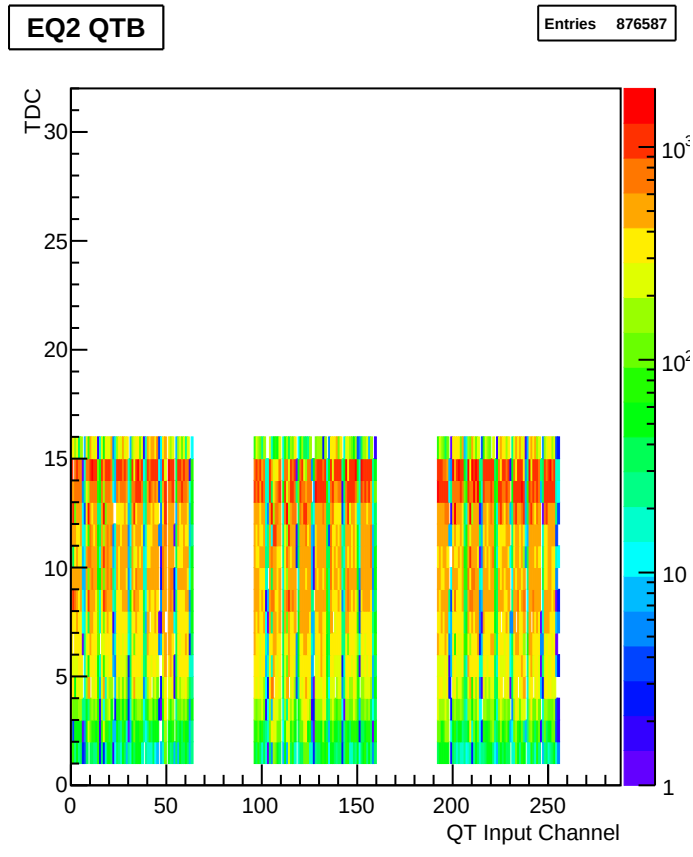

EQ1 QTB
Entries 2822112
ADC
QT Input Channel

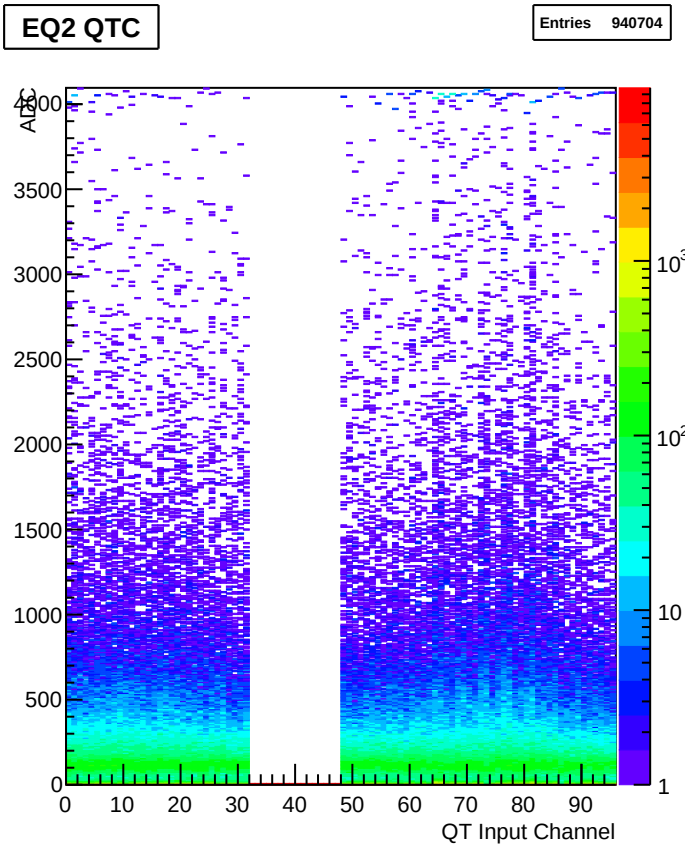

EQ1 QTB
Entries 893575
TDC
QT Input Channel

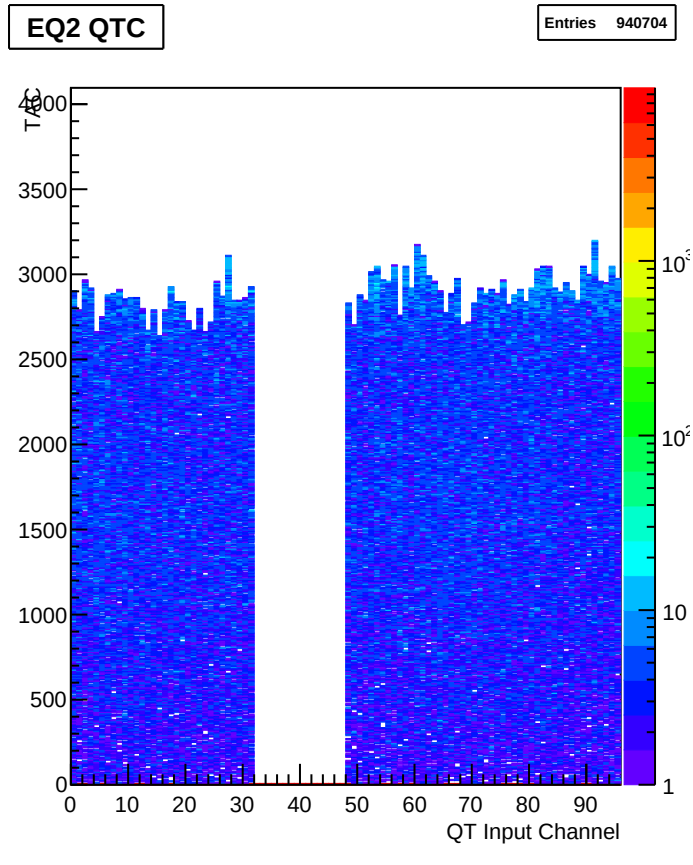

EQ1 QTC
Entries 940704
ADC
QT Input Channel

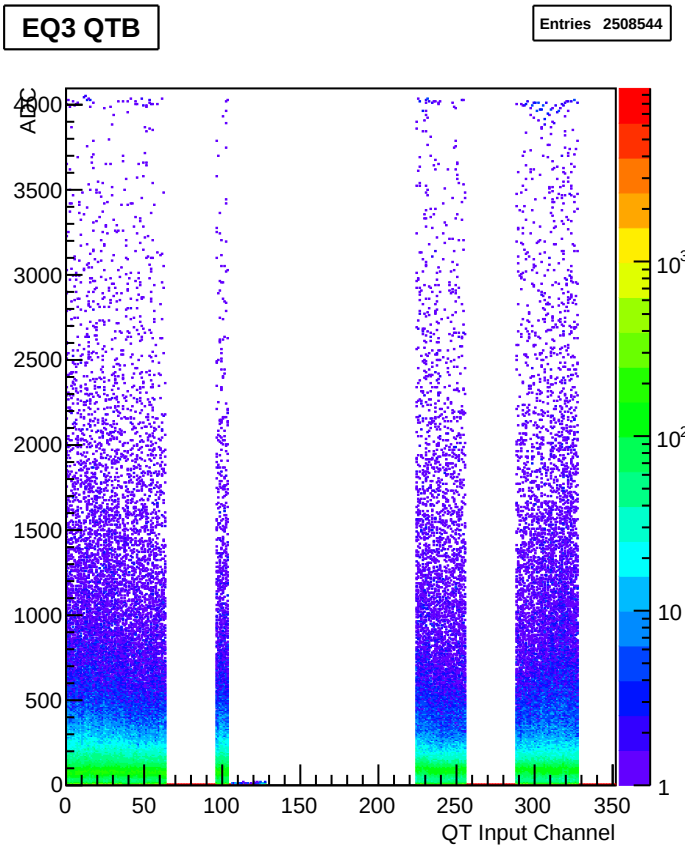

EQ1 QTC
Entries 940704
TADC
QT Input Channel

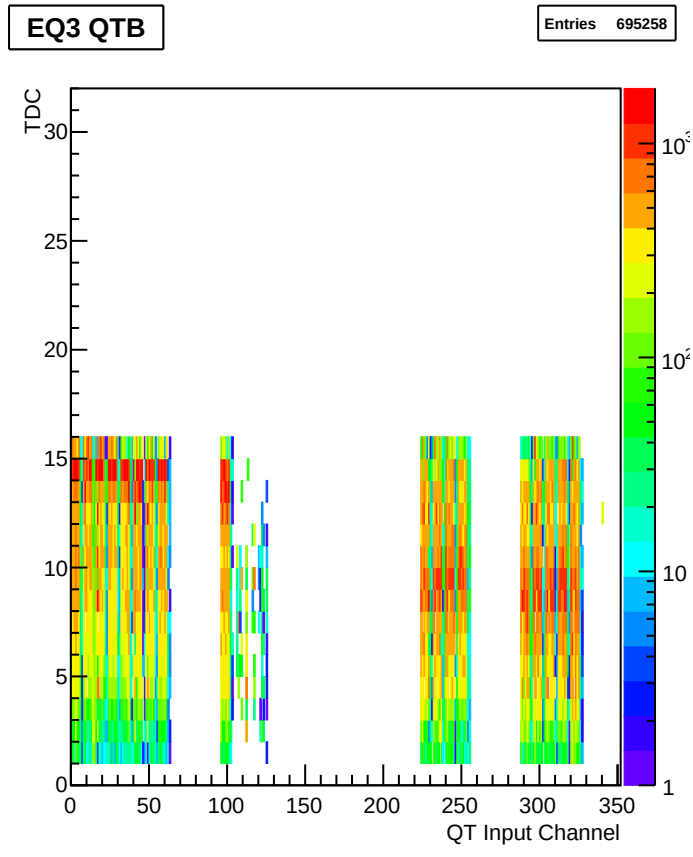

EQ2 QTB
Entries 2822112
ADC
QT Input Channel

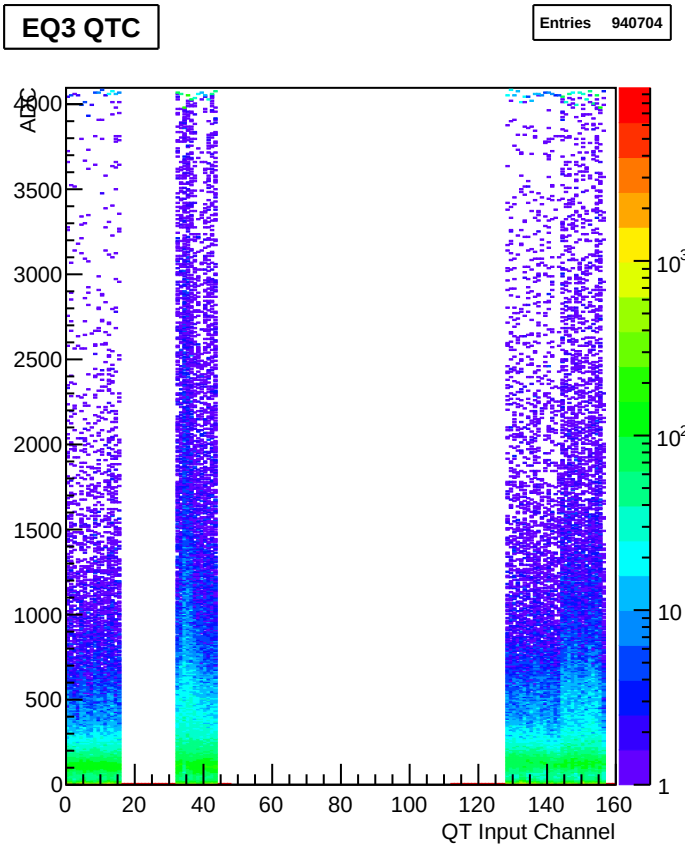

EQ2 QTB
Entries 876587
TDC
QT Input Channel

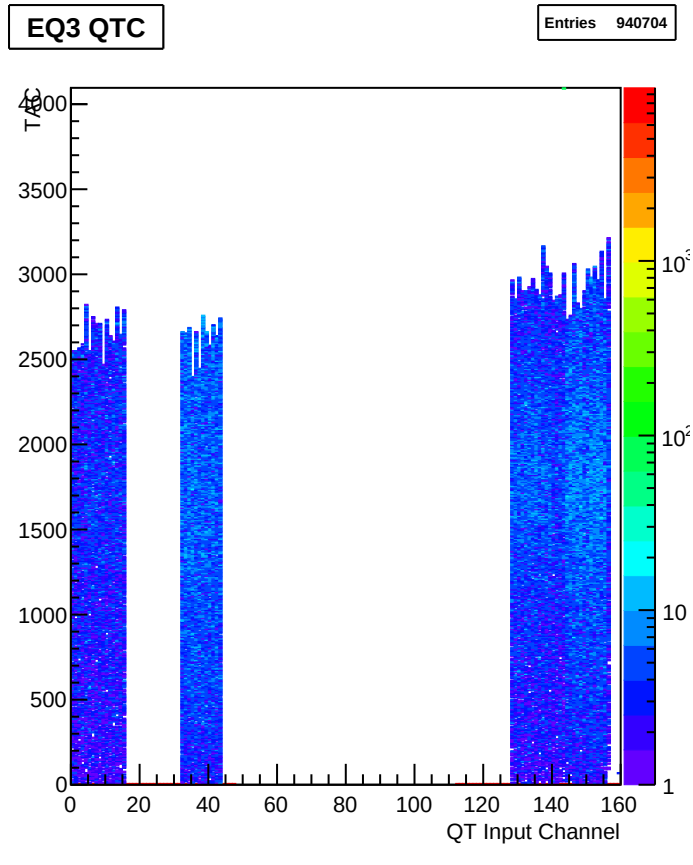

EQ2 QTC
Entries 940704
ADC
QT Input Channel

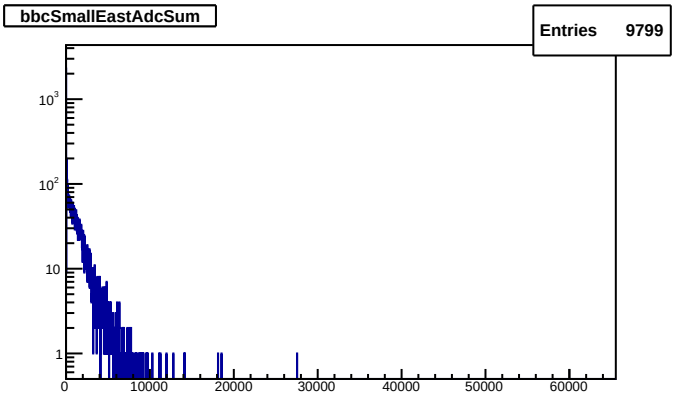

EQ2 QTC
Entries 940704
TADC
QT Input Channel

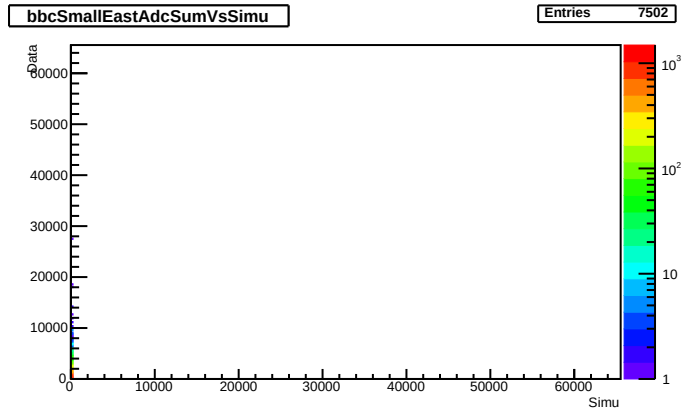

EQ3 QTB
Entries 2508544
ADC
QT Input Channel

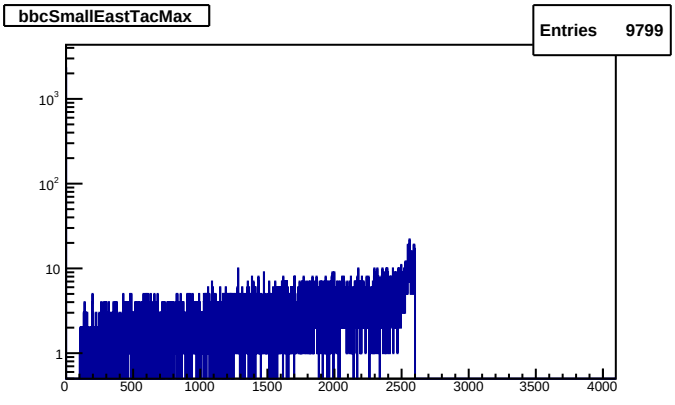

EQ3 QTB
Entries 695258
TDC
QT Input Channel

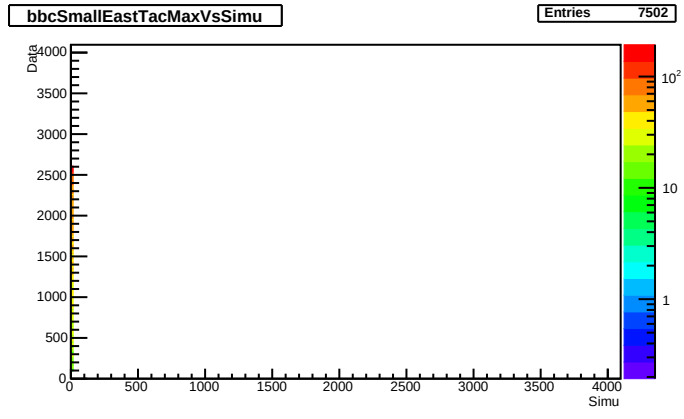

EQ3 QTC
Entries 940704
ADC
QT Input Channel

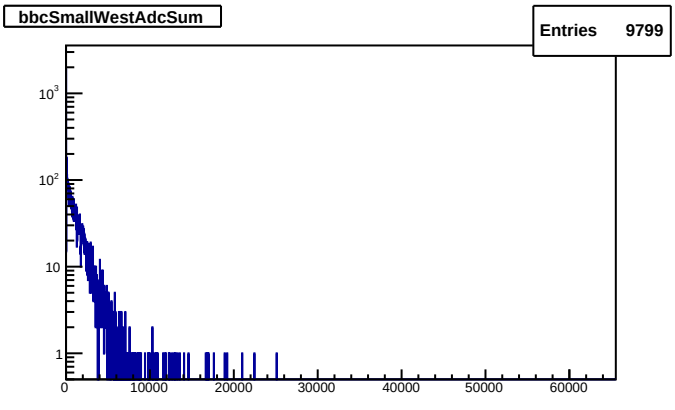

EQ3 QTC
Entries 940704
TADC
QT Input Channel

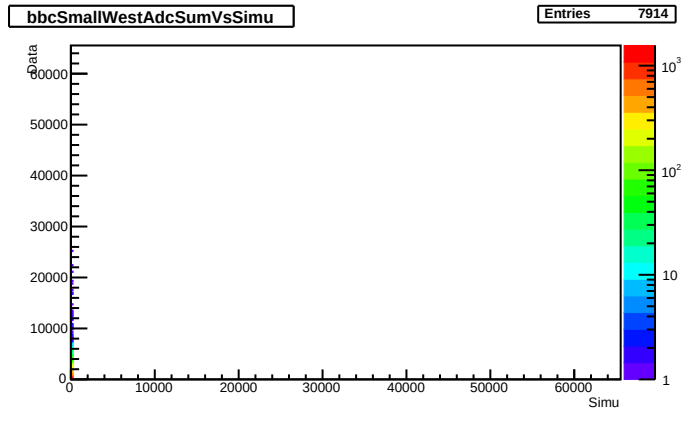

bbcSmallEastAdcSum
Entries 9799

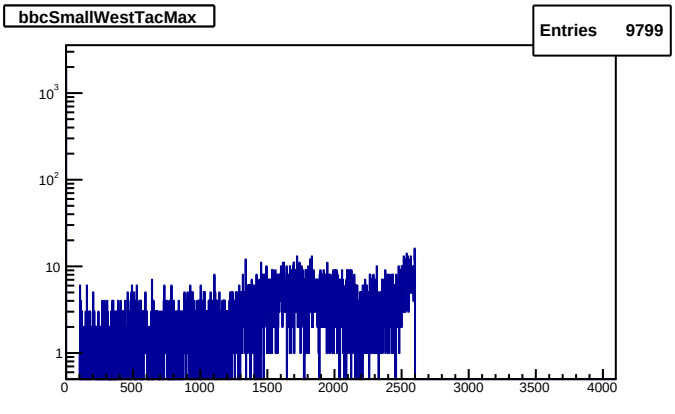

bbcSmallEastAdcSumVsSimu
Entries 7502
Data
Simu

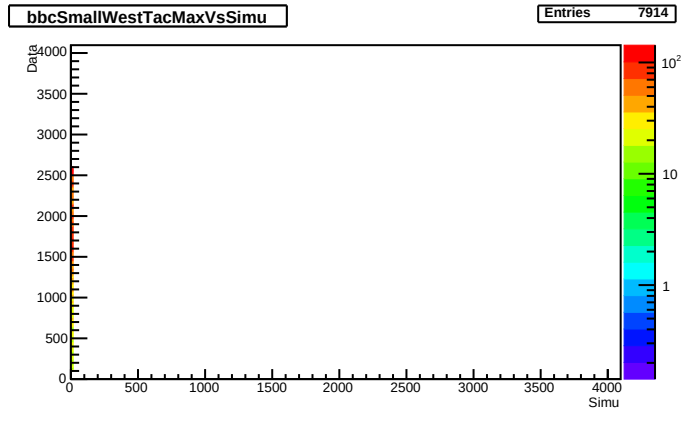

bbcSmallEastTacMax
Entries 9799

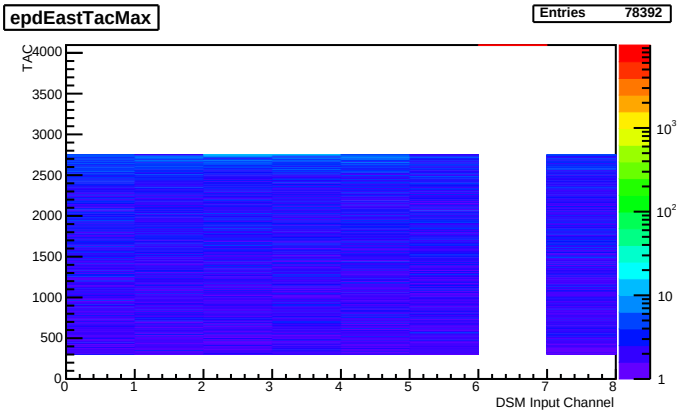

bbcSmallEastTacMaxVsSimu
Entries 7502
Data
Simu

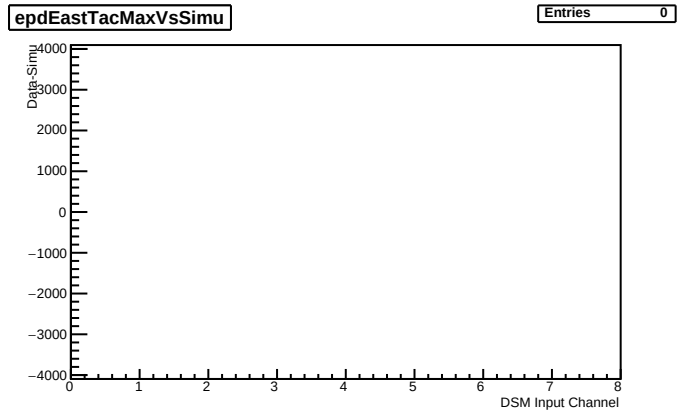

bbcSmallWestAdcSum
Entries 9799

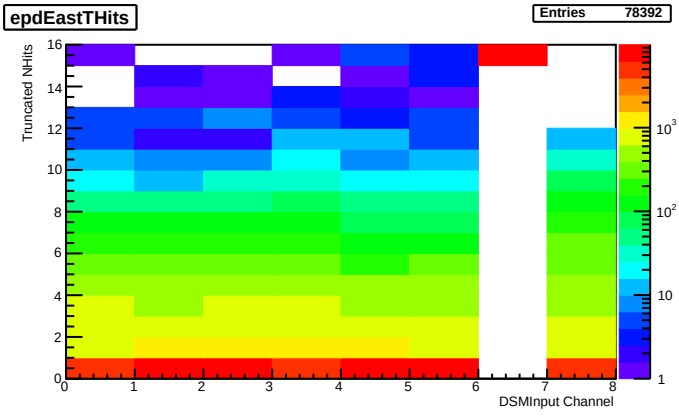

bbcSmallWestAdcSumVsSimu
Entries 7914
Data
Simu

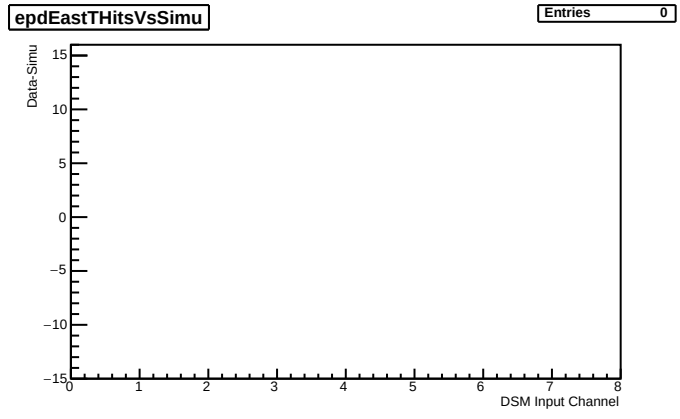

bbcSmallWestTacMax
Entries 9799

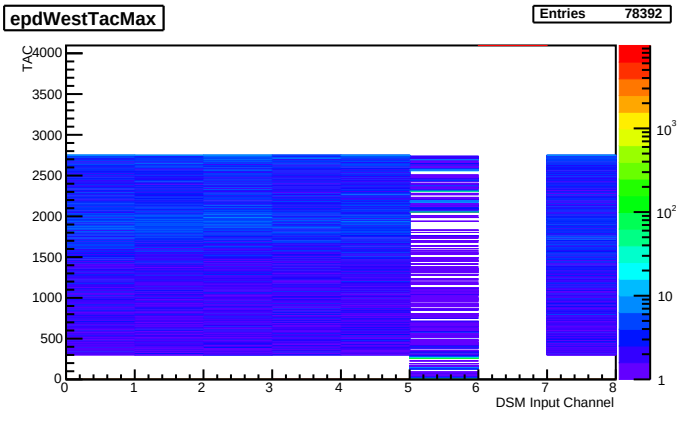

bbcSmallWestTacMaxVsSimu
Entries 7914
Data
Simu

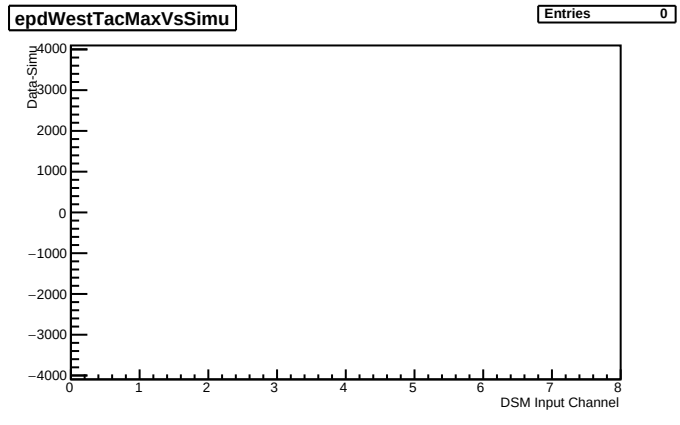

epdEastTacMax
Entries 78392
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 78392
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 78392
TAC
DSM Input Channel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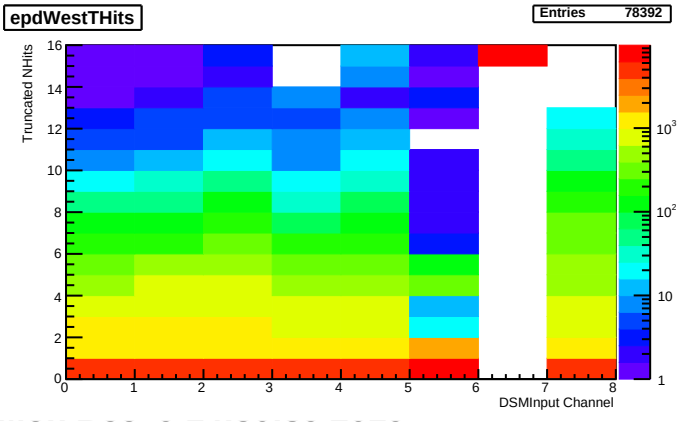
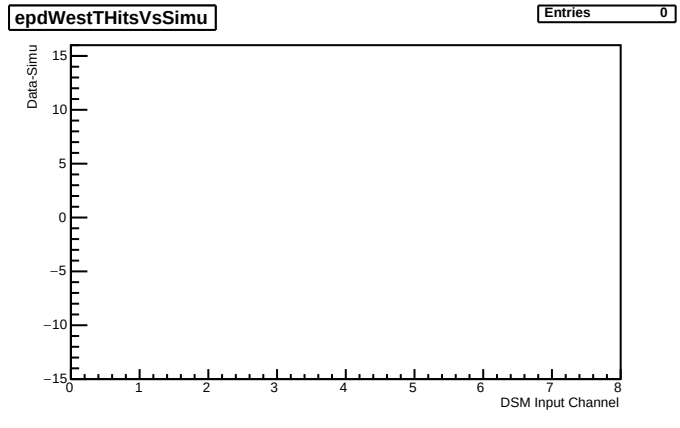
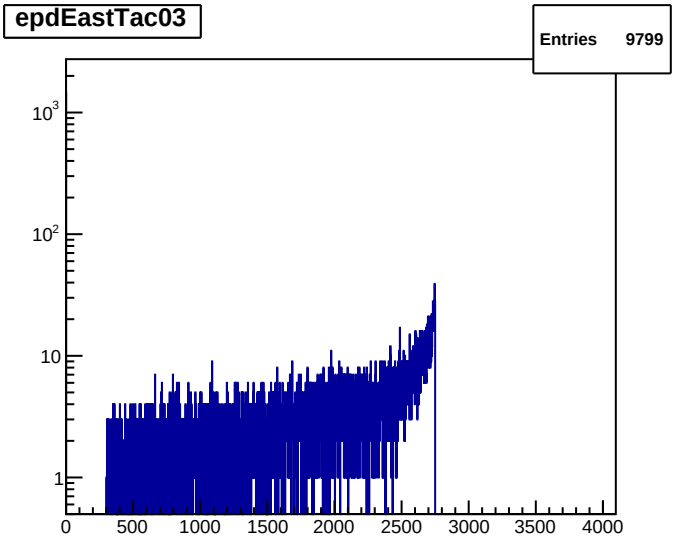
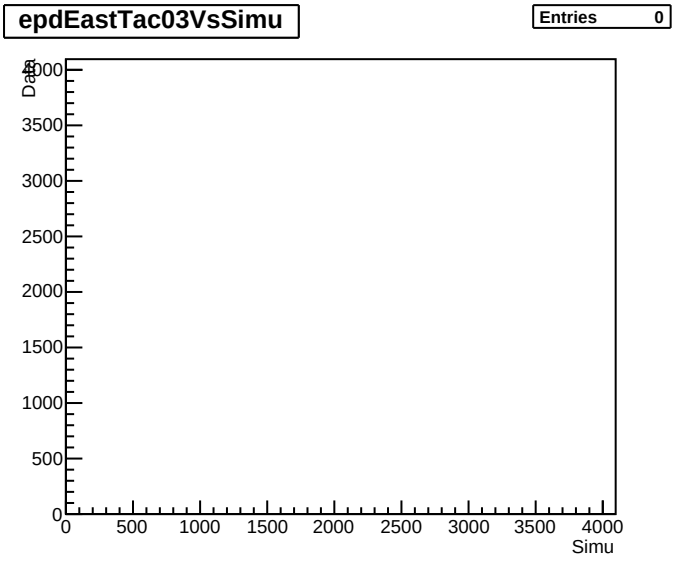
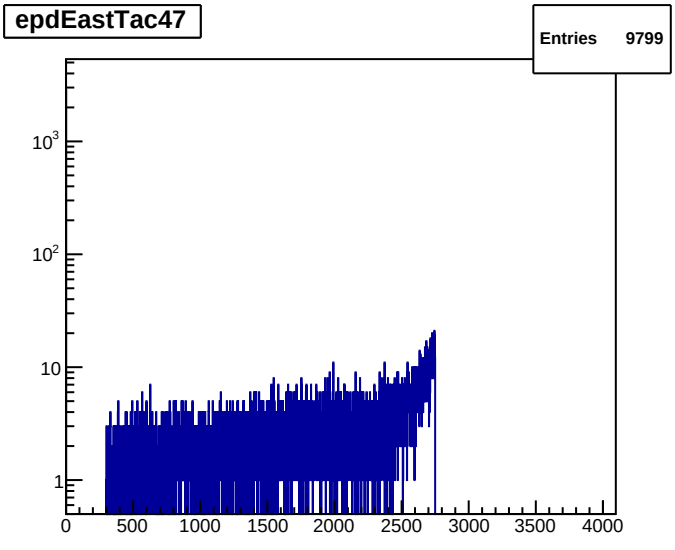
Entries 0
Data-Simu
DSM Input Channel

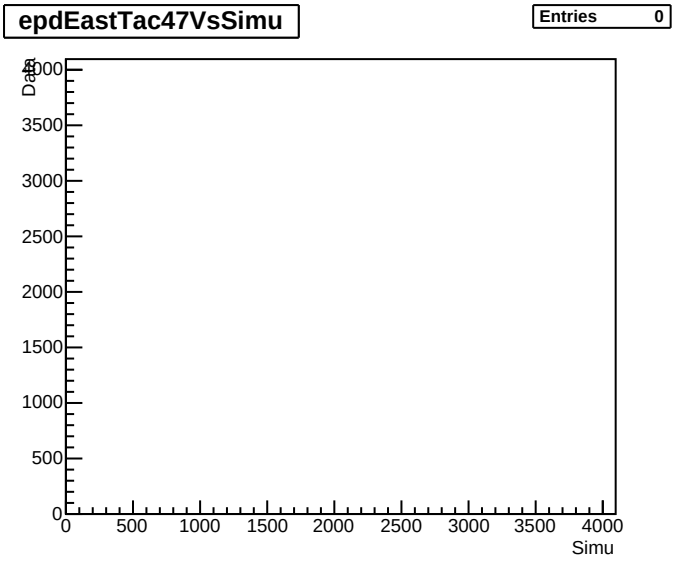

epdWestTHits
Entries 78392
Truncated NHits
DSMInput Channel

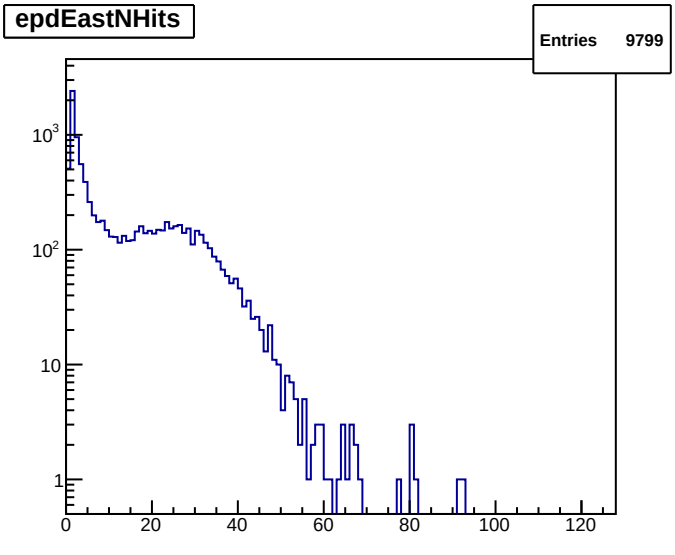

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

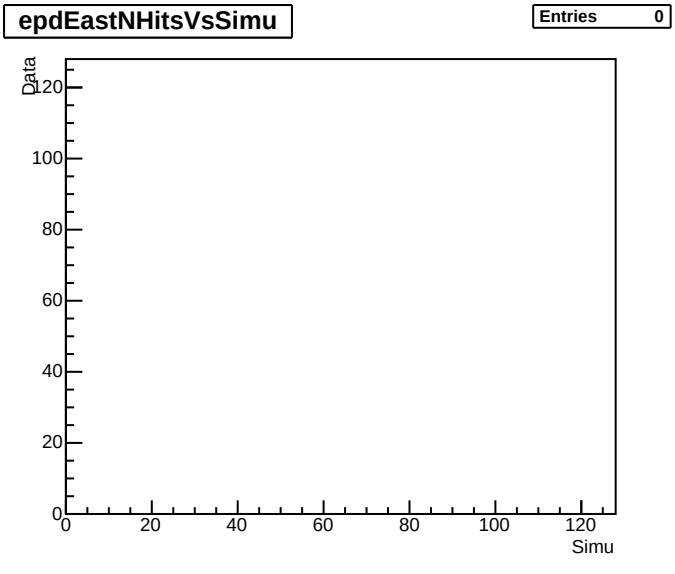

epdEastTac03
Entries 9799

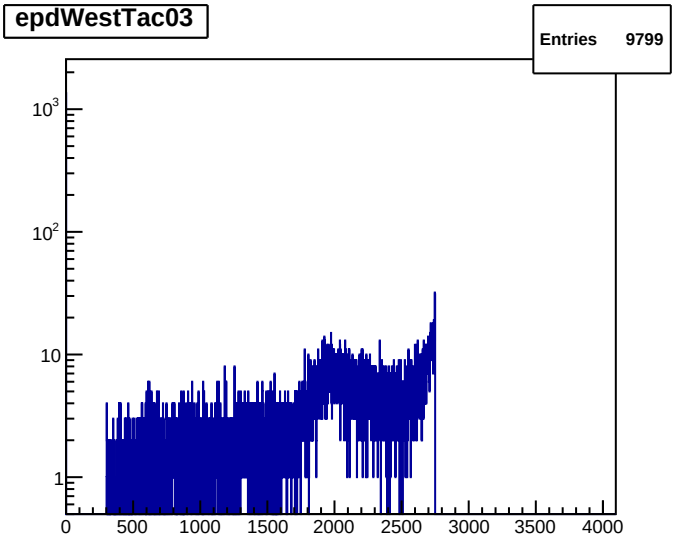

epdEastTac03VsSimu
Entries 0
Data
Simu

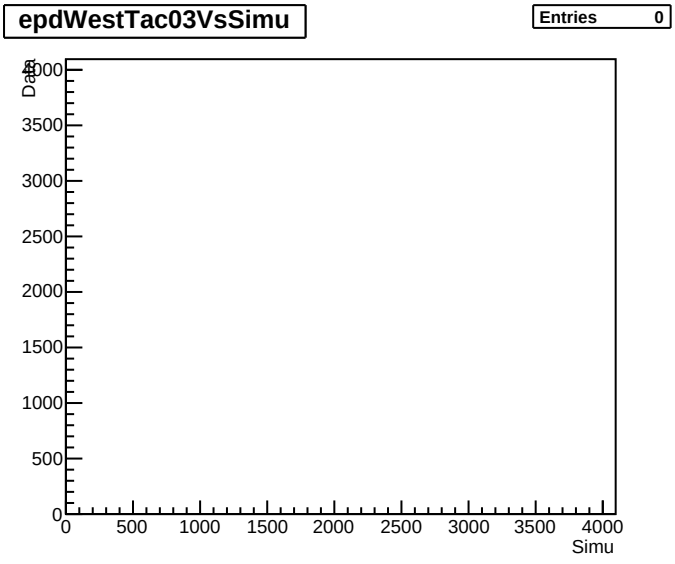

epdEastTac47
Entries 9799

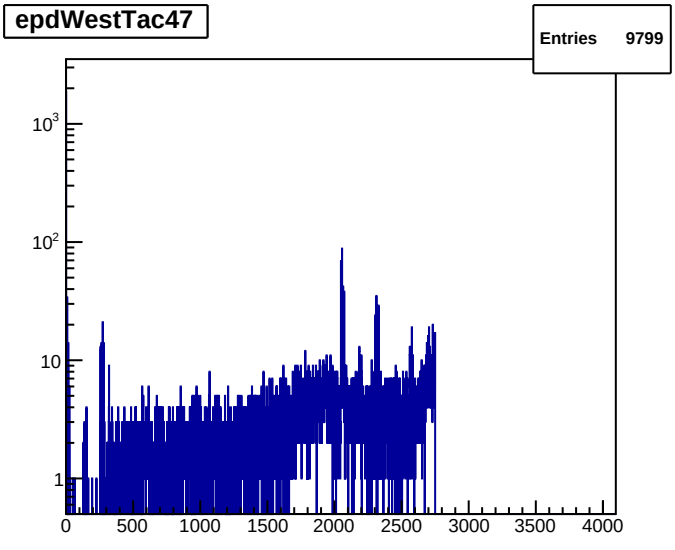

epdEastTac47VsSimu
Entries 0
Data
Simu

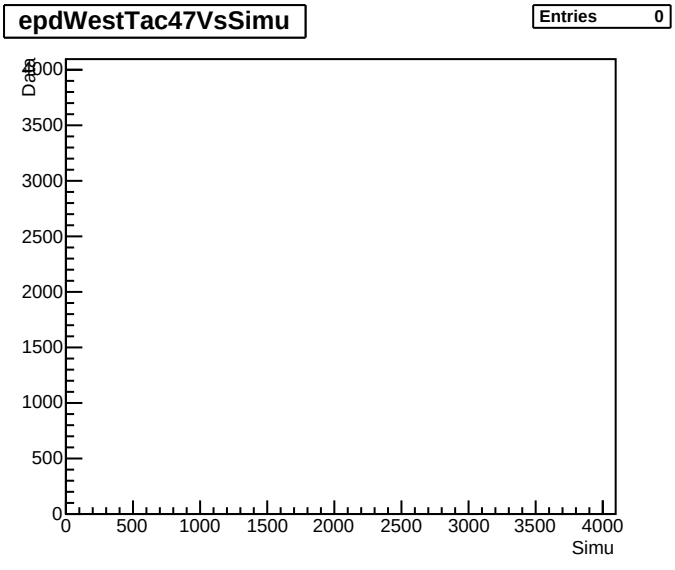

epdEastNHits
Entries 9799


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 9799


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 9799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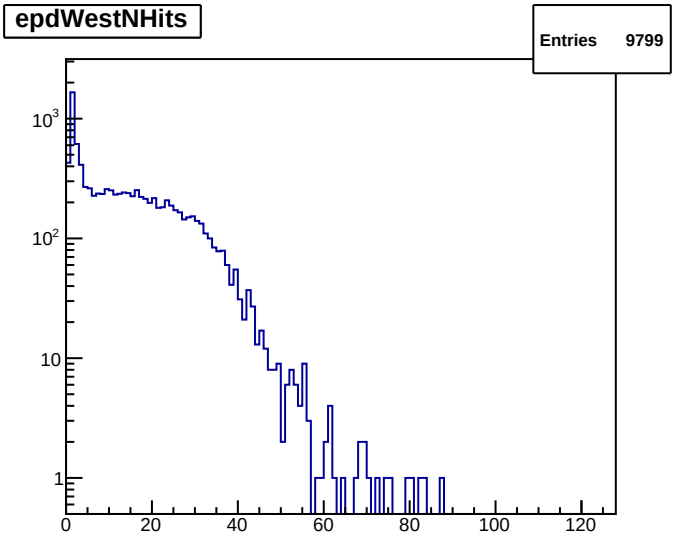
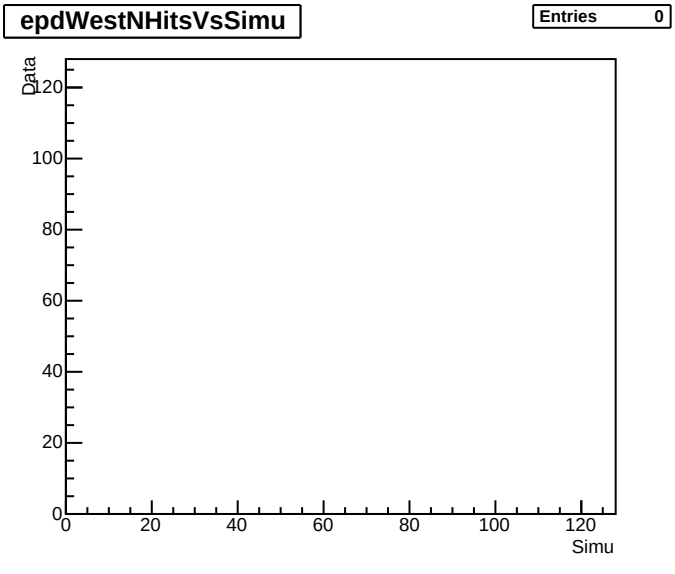
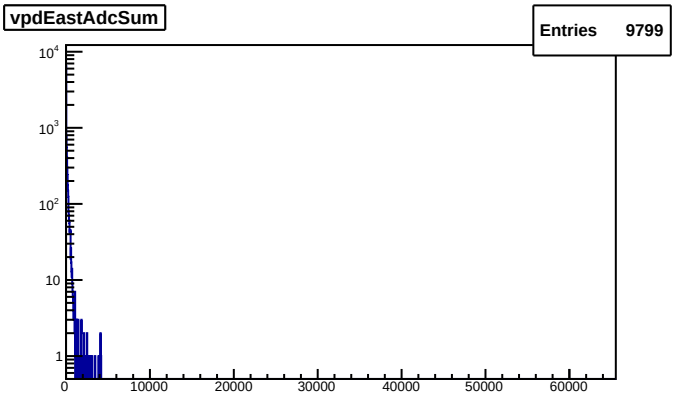
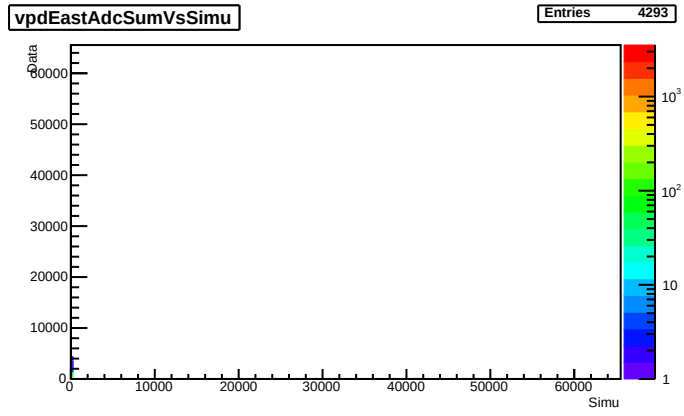
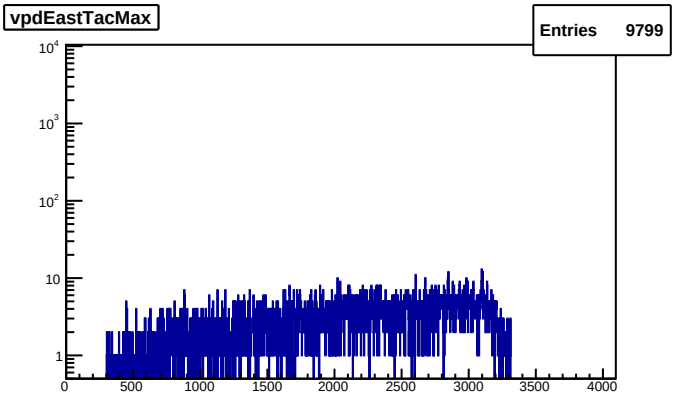
Entries 0
Data
Simu

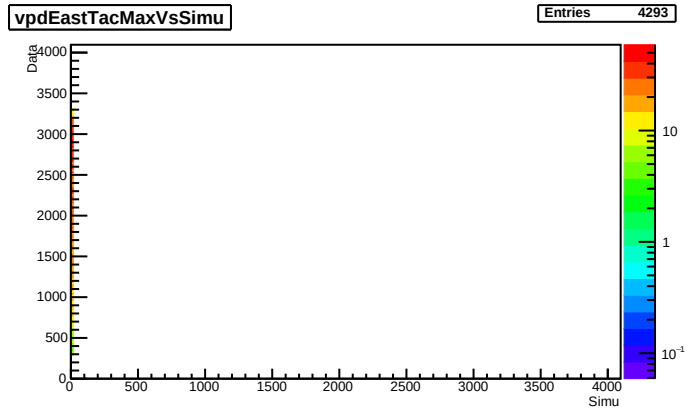

epdWestNHits
Entries 9799

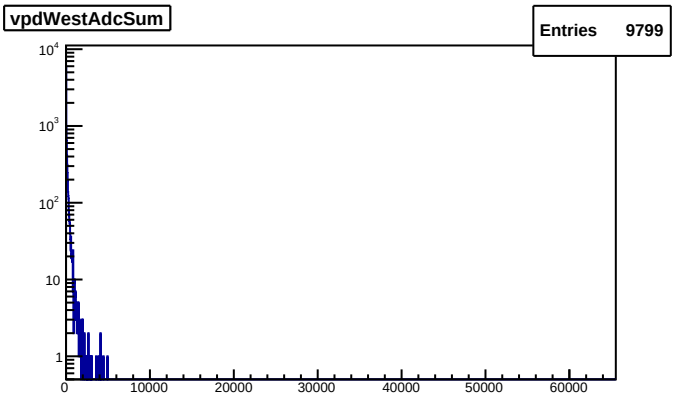

epdWestNHitsVsSimu
Entries 0
Data
Simu

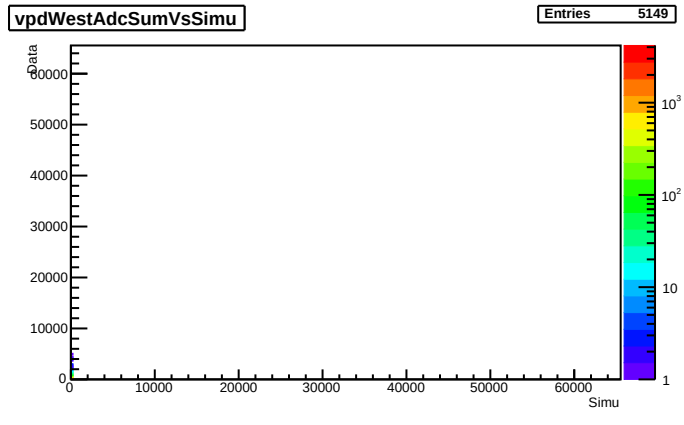

vpdEastAdcSum
Entries 9799

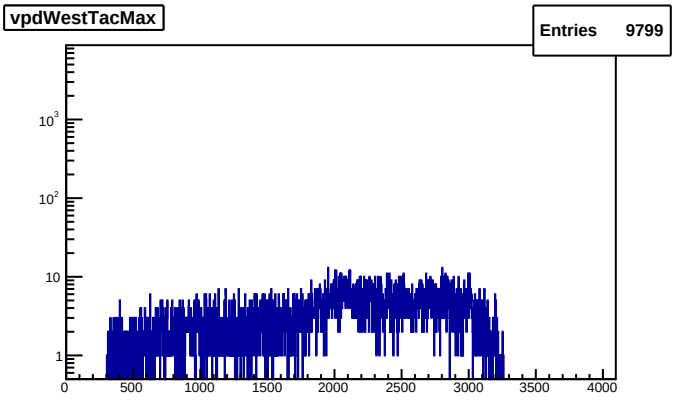

vpdEastAdcSumVsSimu
Entries 4293
Data
Simu

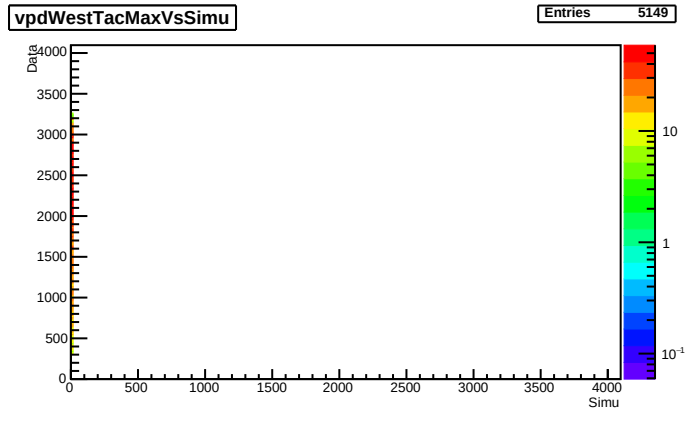

vpdEastTacMax
Entries 9799

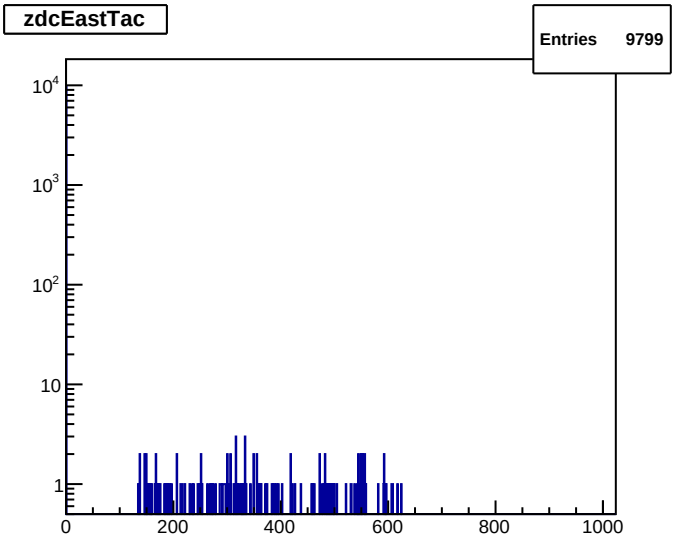

vpdEastTacMaxVsSimu
Entries 4293
Data
Simu

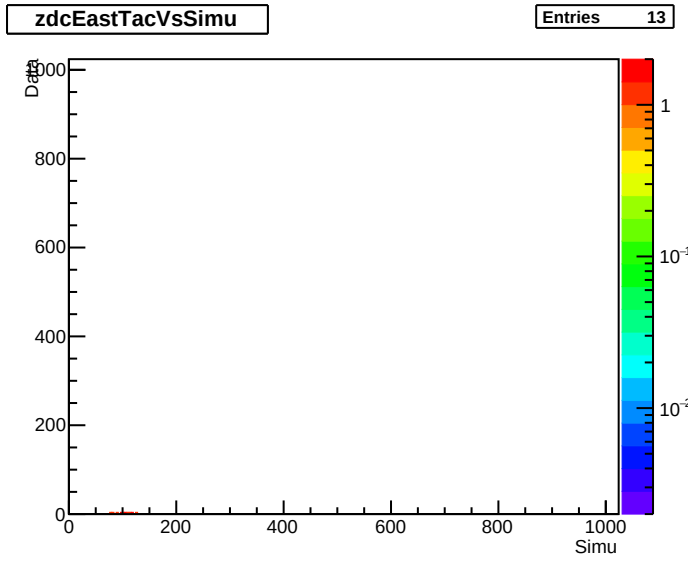

vpdWestAdcSum
Entries 9799

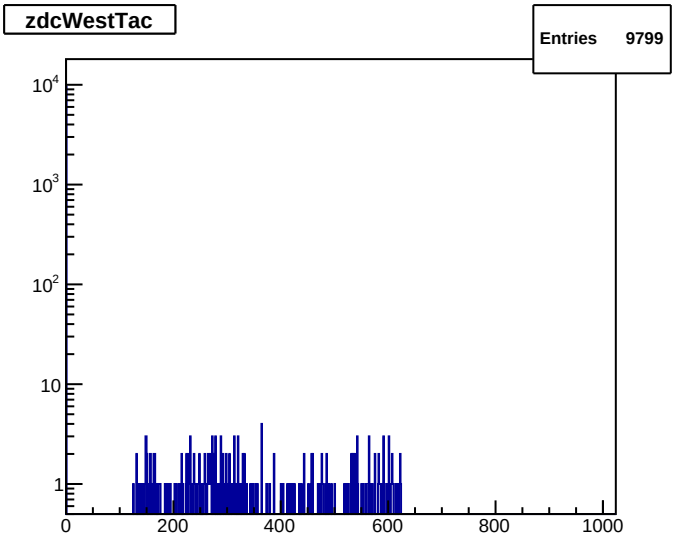

vpdWestAdcSumVsSimu
Entries 5149
Data
Simu

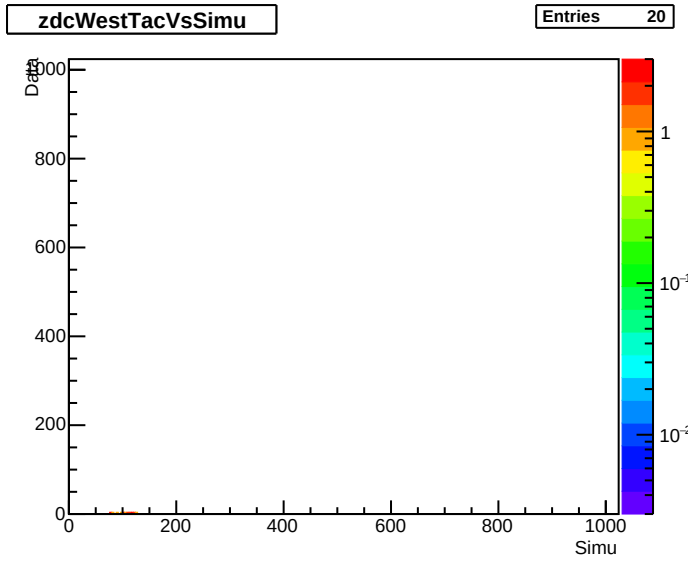

vpdWestTacMax
Entries 9799

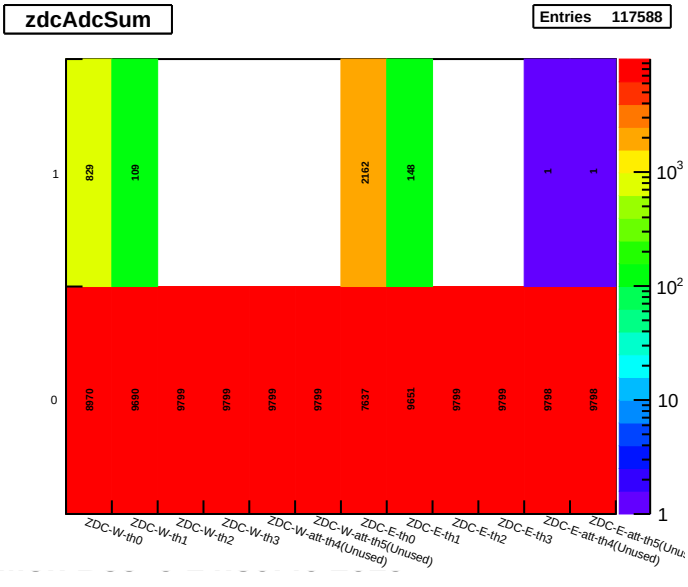

vpdWestTacMaxVsSimu
Entries 5149
Data
Simu

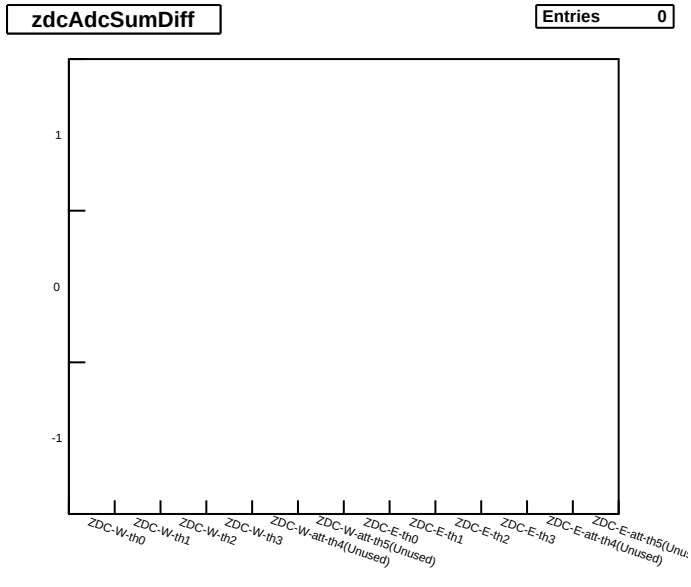

zdcEastTac
Entries 9799

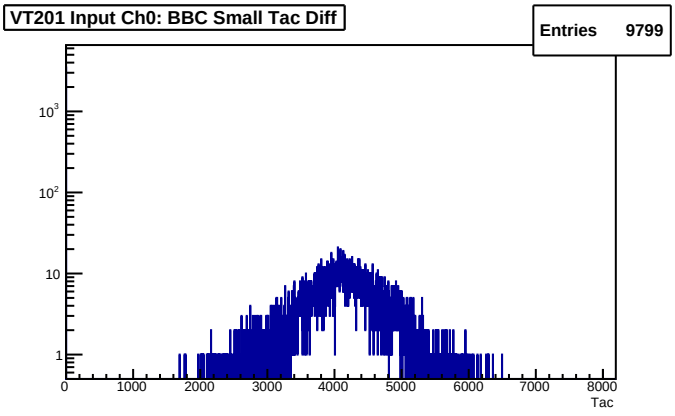

zdcEastTacVsSimu
Entries 13
Data
Simu

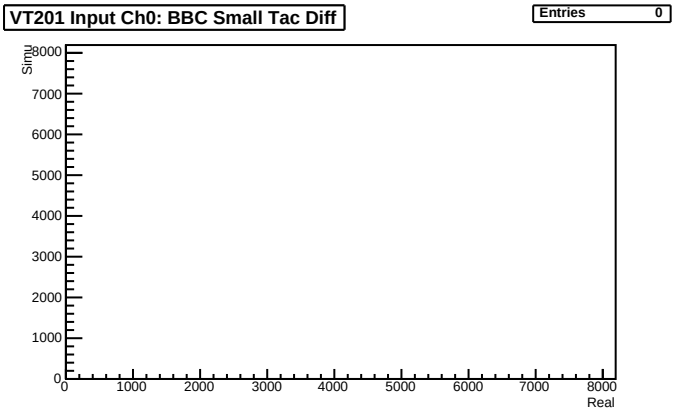

zdcWestTac
Entries 9799

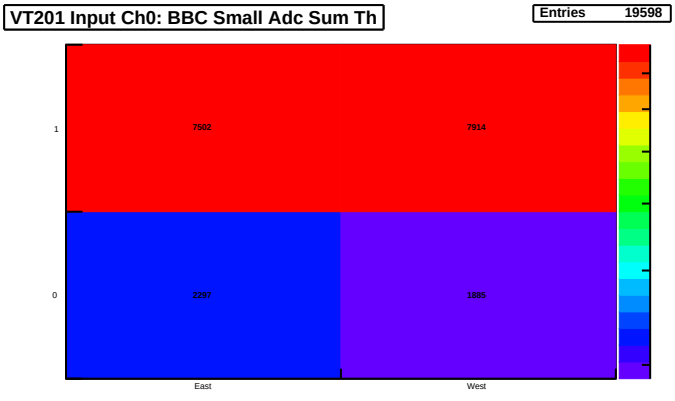

zdcWestTacVsSimu
Entries 20
Data
Simu

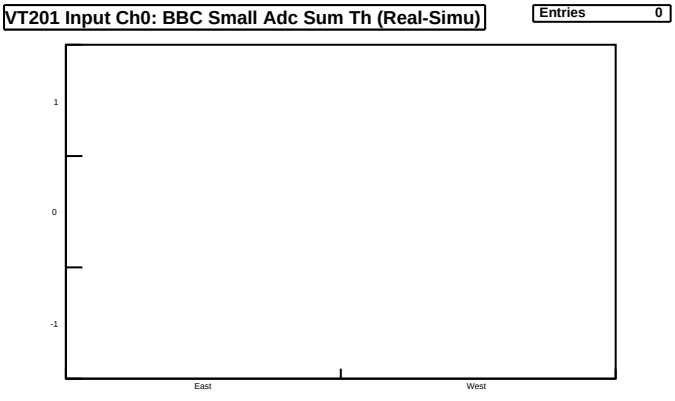

zdcAdcSum
Entries 117588
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

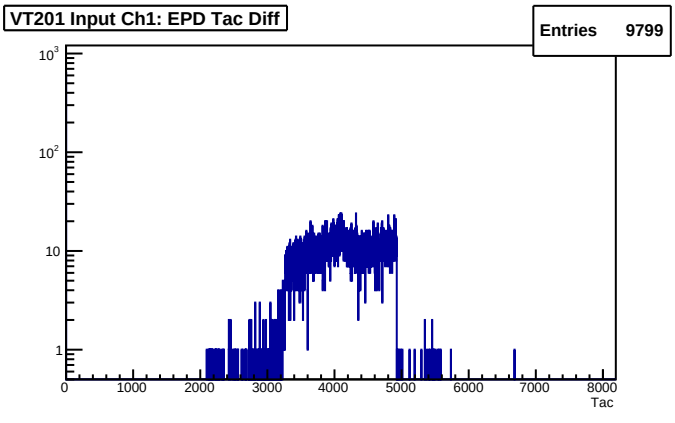

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

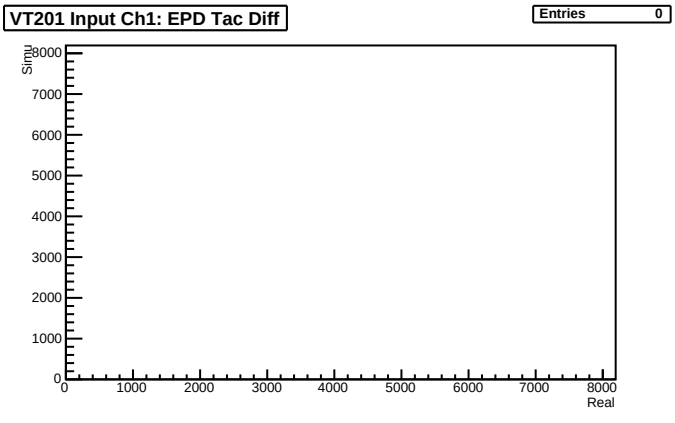

VT201 Input Ch0: BBC Small Tac Diff
Entries 9799
Tac

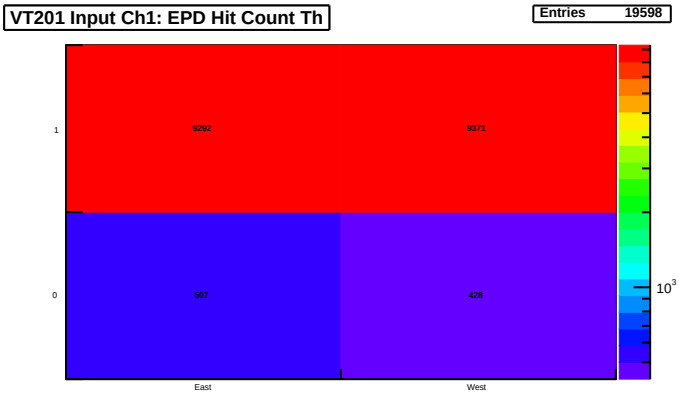

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

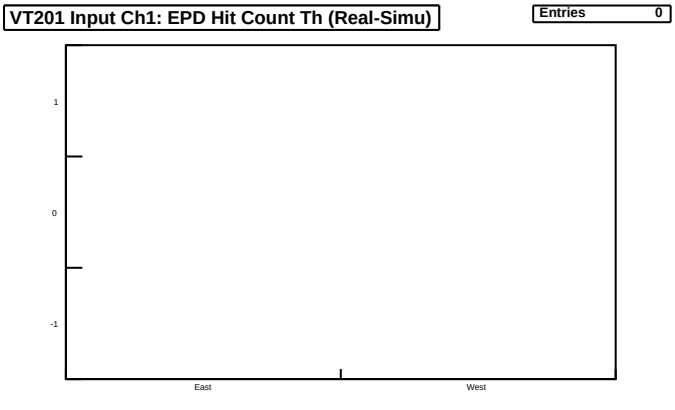

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 19598
7502
7914
2297
1885
East
West

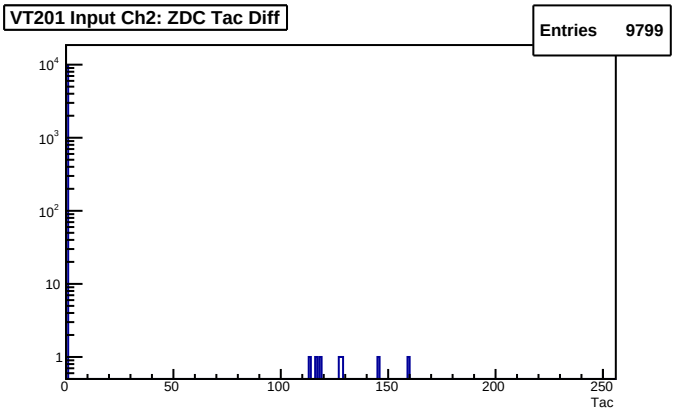

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

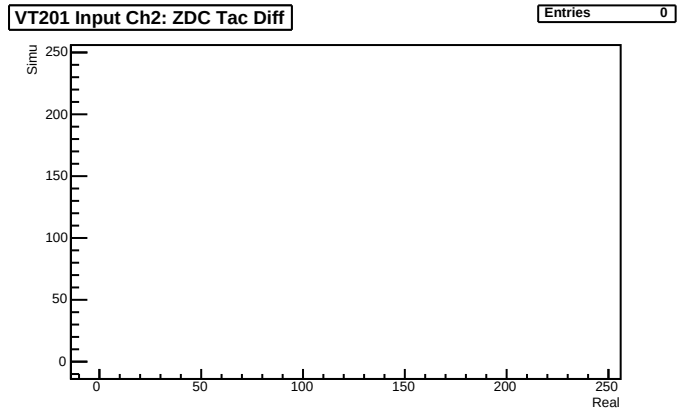

VT201 Input Ch1: EPD Tac Diff
Entries 9799
Tac

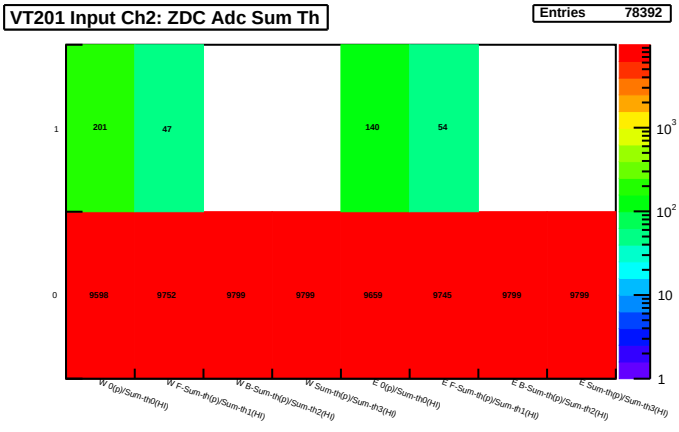

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

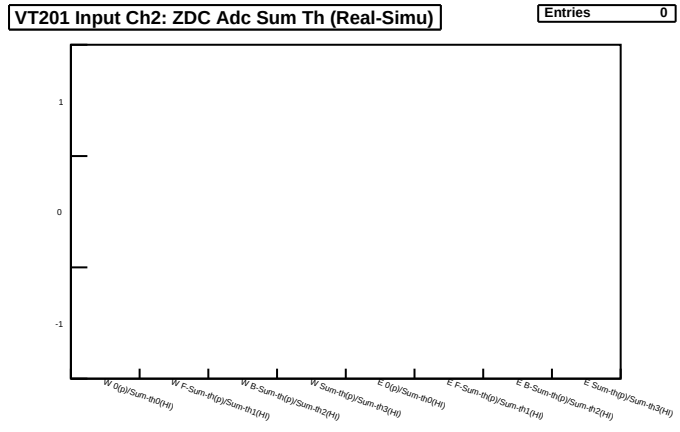

VT201 Input Ch1: EPD Hit Count Th
Entries 19598
9292
9371
507
428
East
West

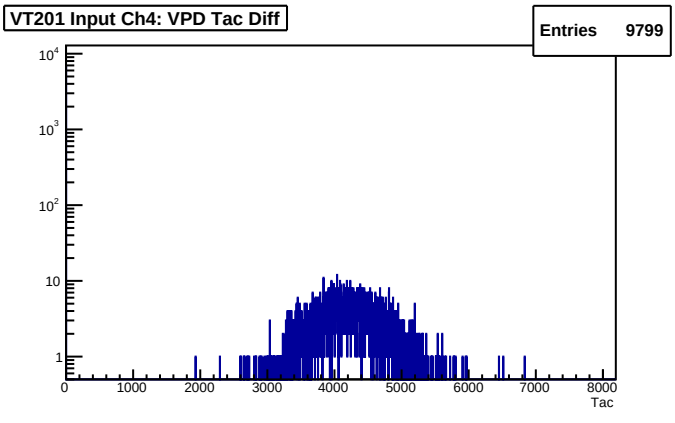

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

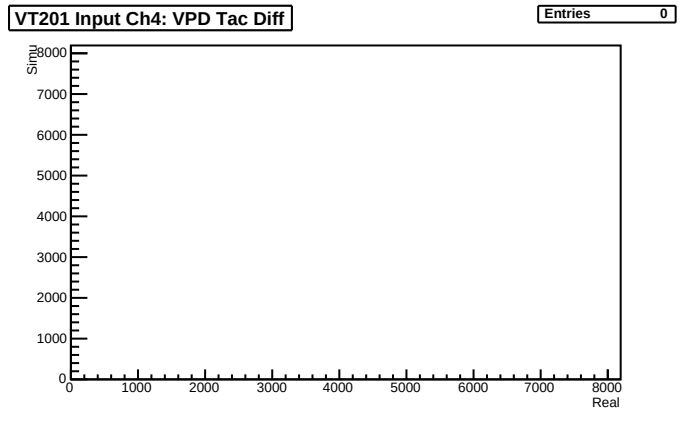

VT201 Input Ch2: ZDC Tac Diff
Entries 9799
Tac

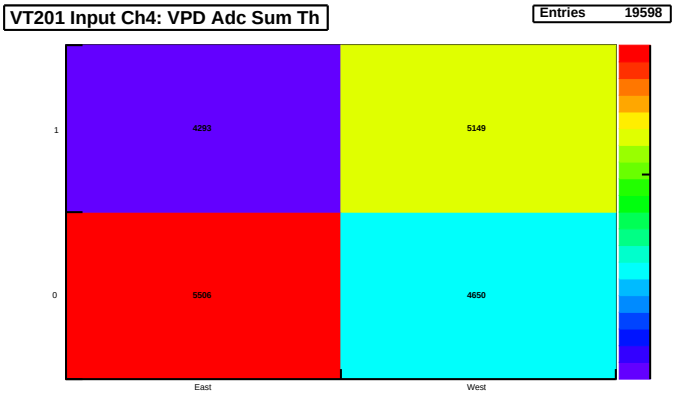

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

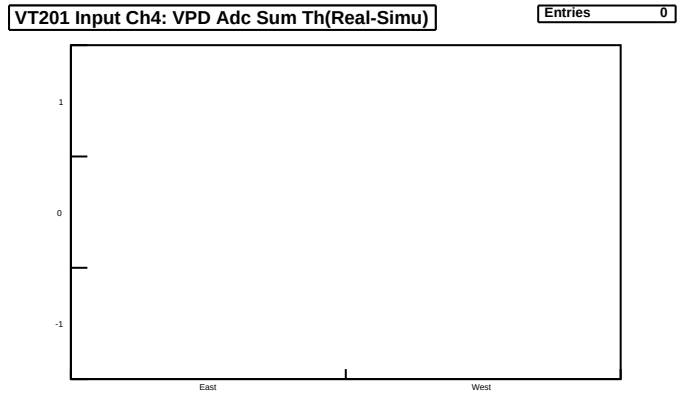

VT201 Input Ch2: ZDC Adc Sum Th
Entries 78392
201
47
140
54
9598
9752
9799
9799
9659
9745
9799
9799
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

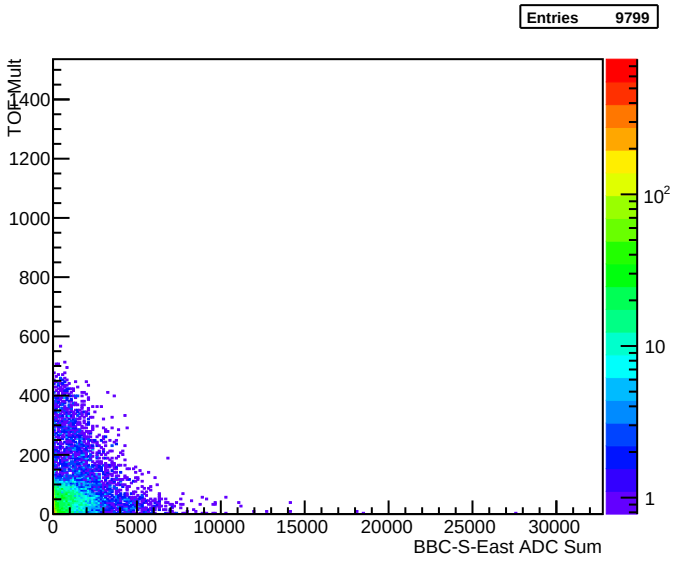

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

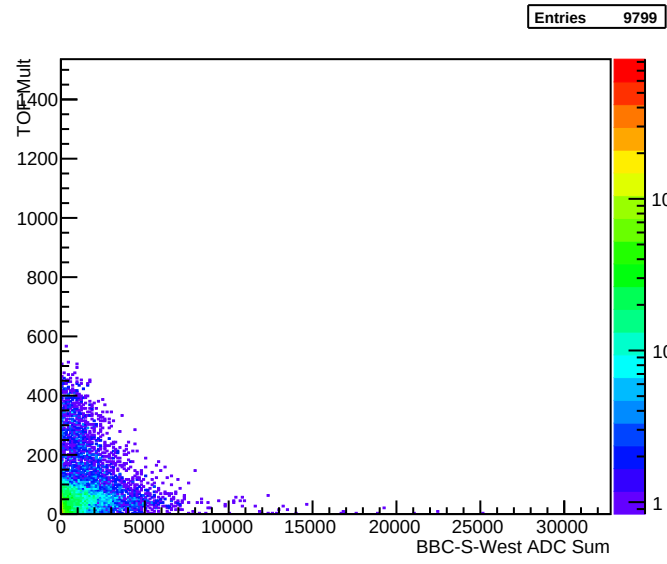

VT201 Input Ch4: VPD Tac Diff
Entries 9799
Tac

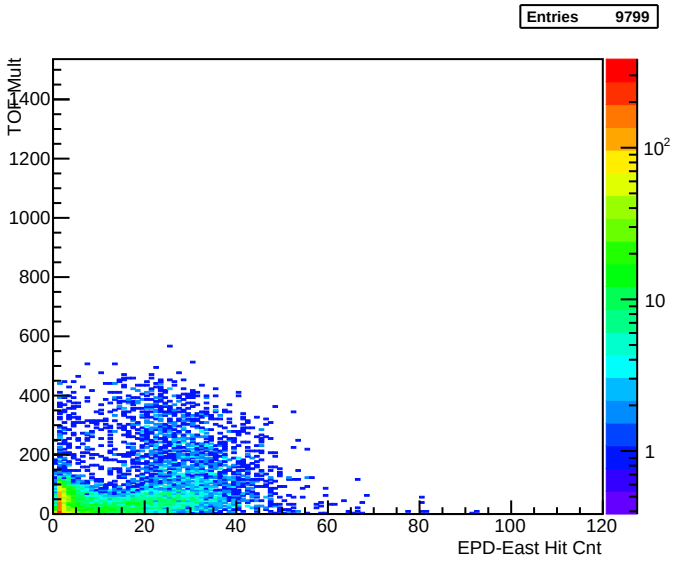

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

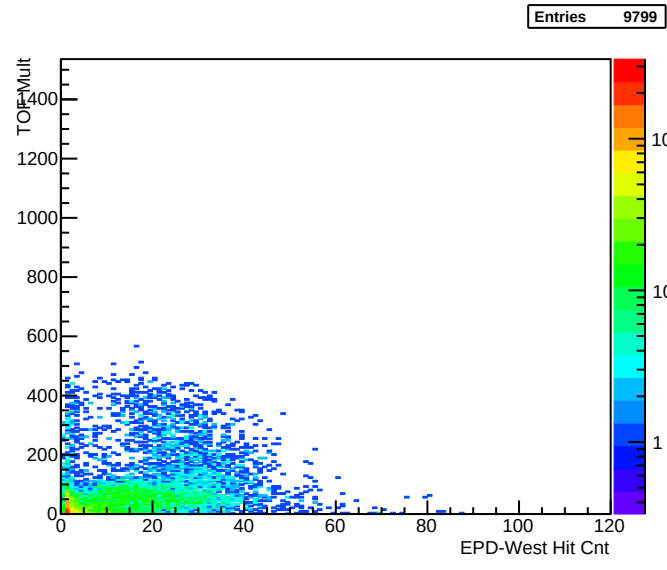

VT201 Input Ch4: VPD Adc Sum Th
Entries 19598
4293
5149
5506
4650
East
West

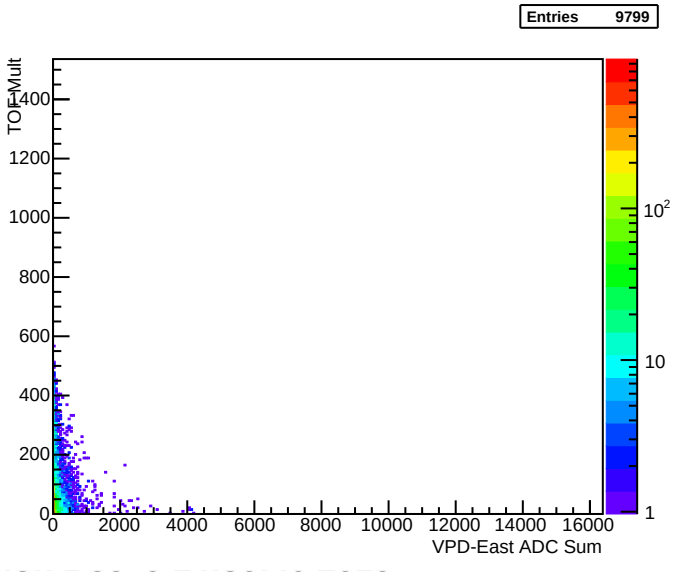

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

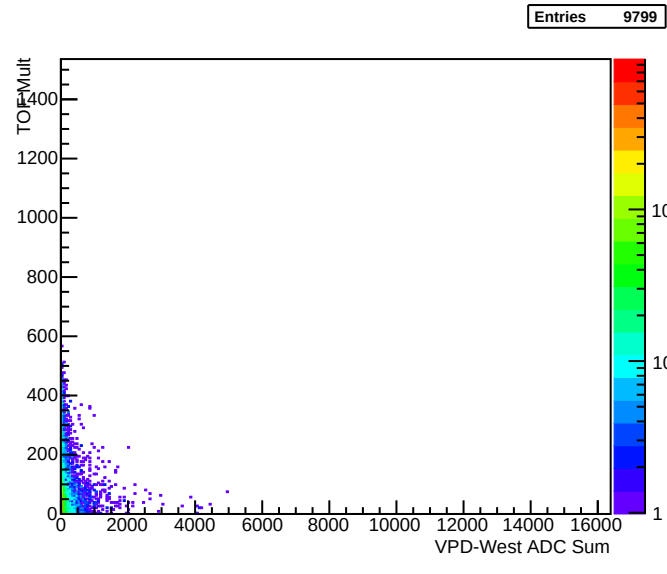

Entries 9799
TOF-Mult
BBC-S-East ADC Sum

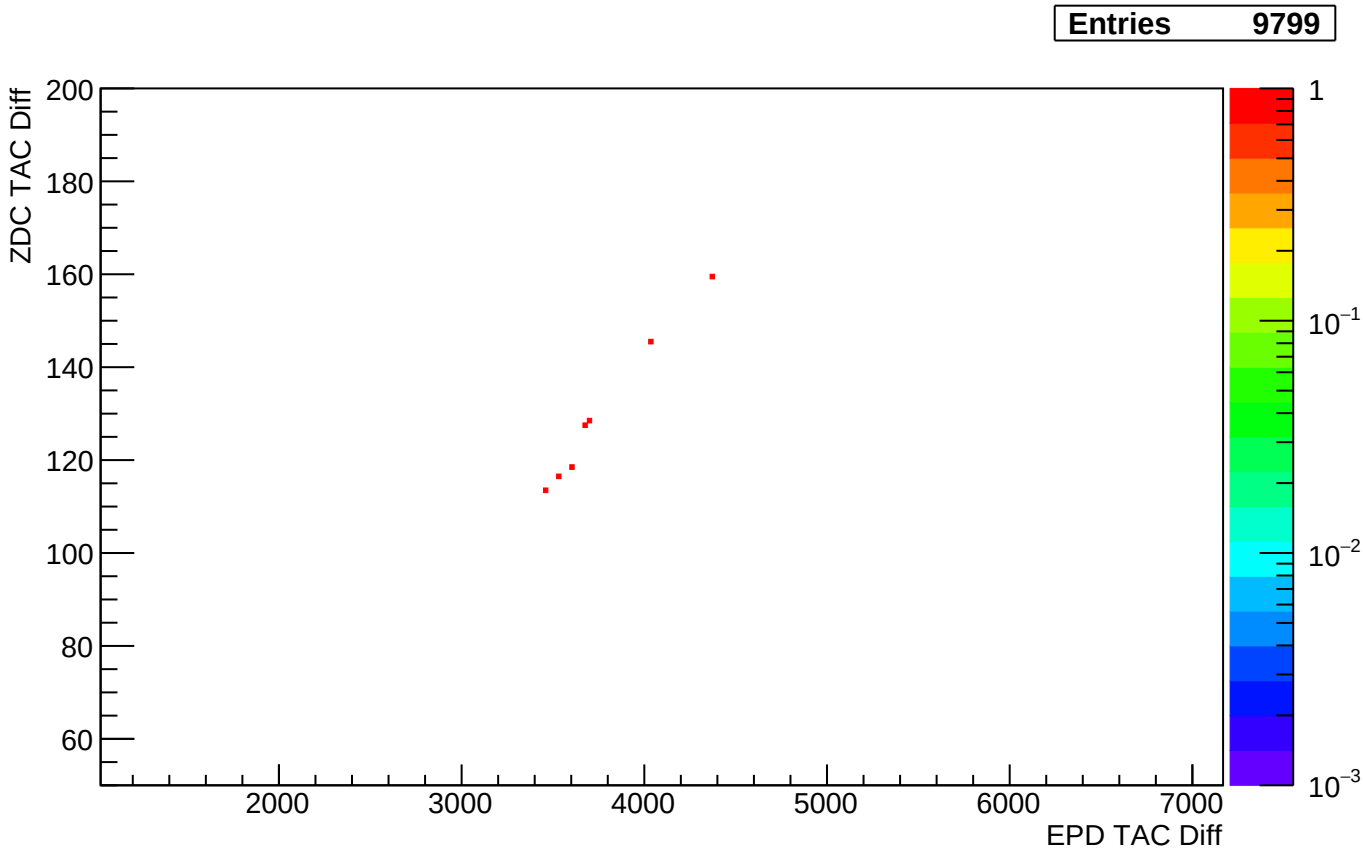

Entries 9799
TOF-Mult
BBC-S-West ADC Sum

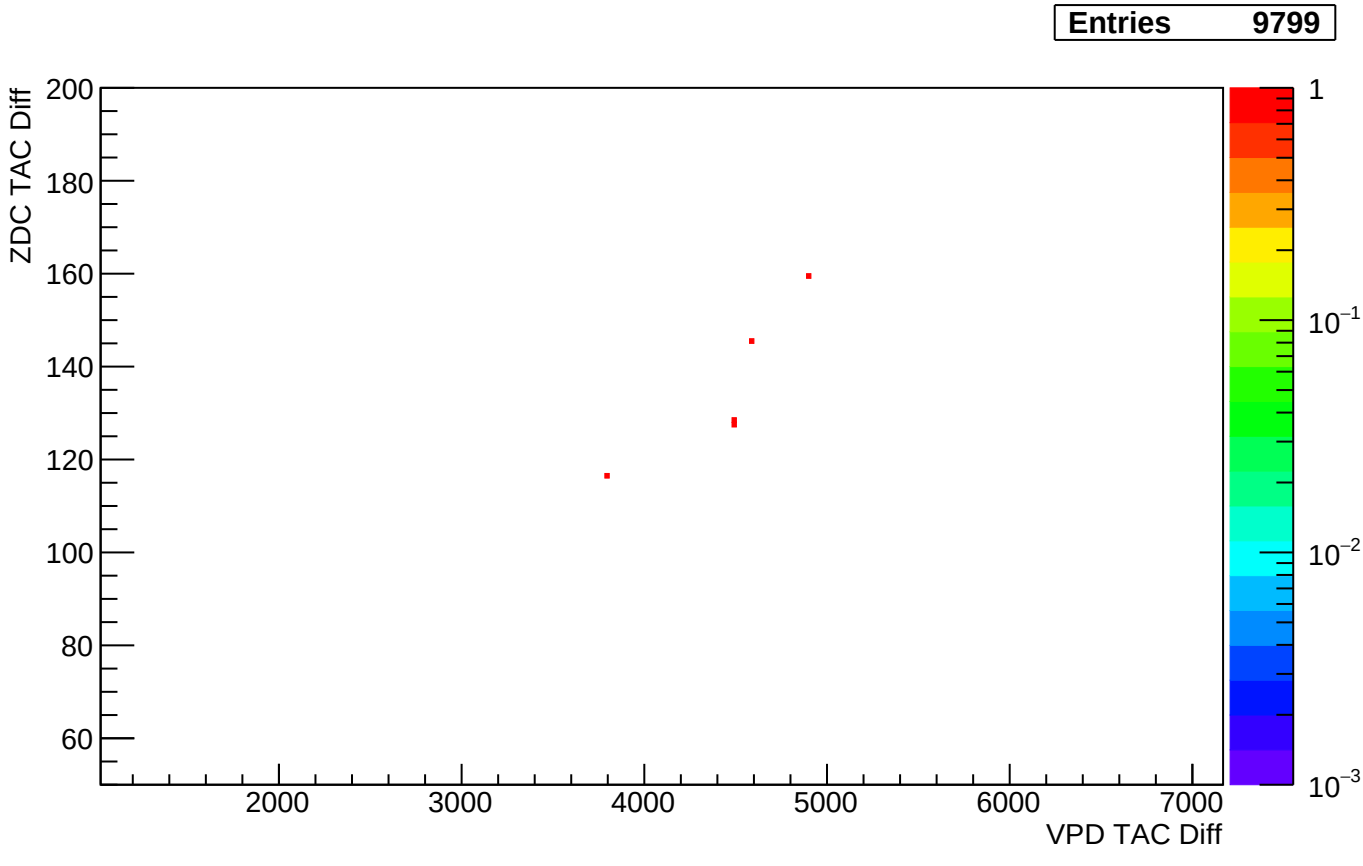

Entries 9799
TOF-Mult
EPD-East Hit Cnt

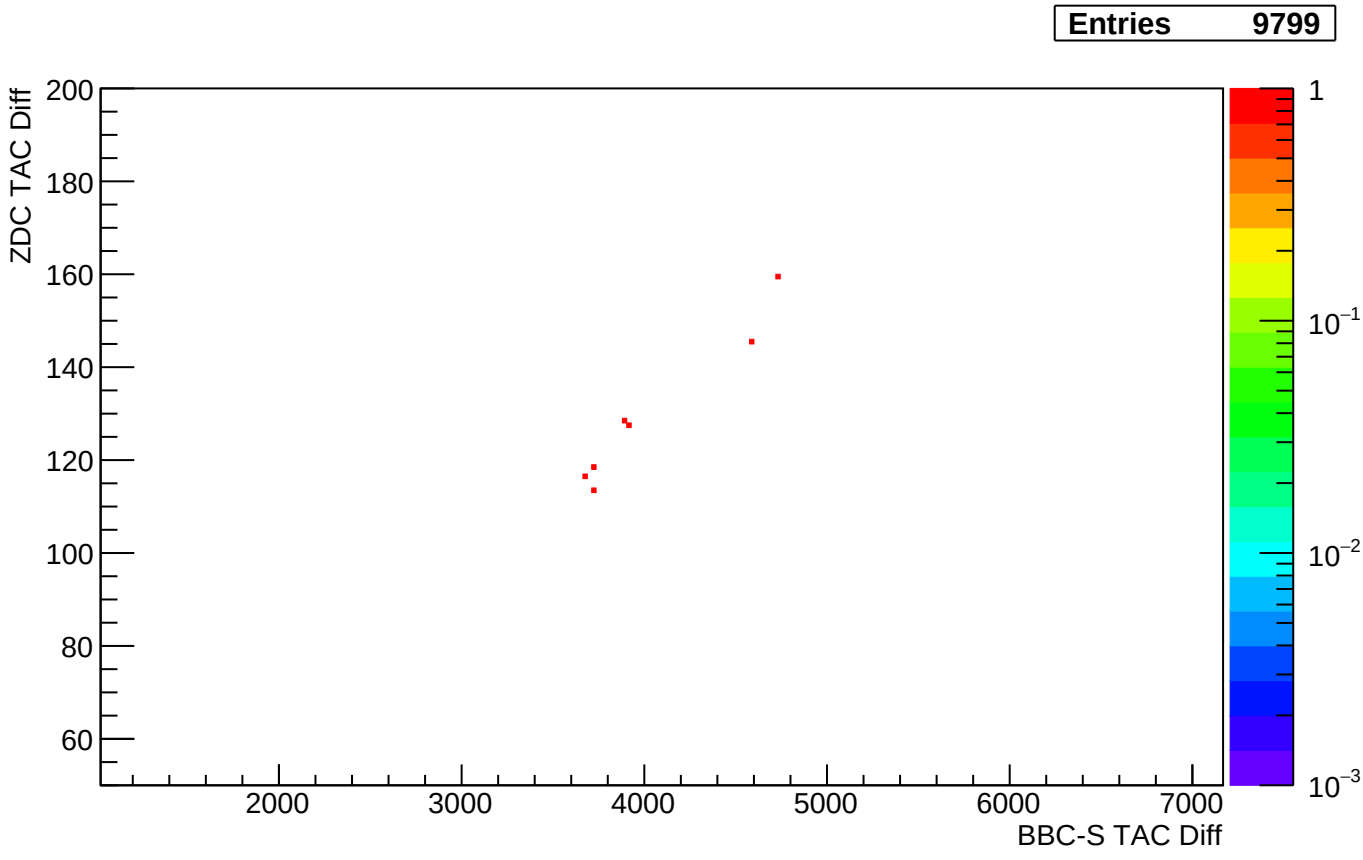

Entries 9799
TOF-Mult
EPD-West Hit Cnt

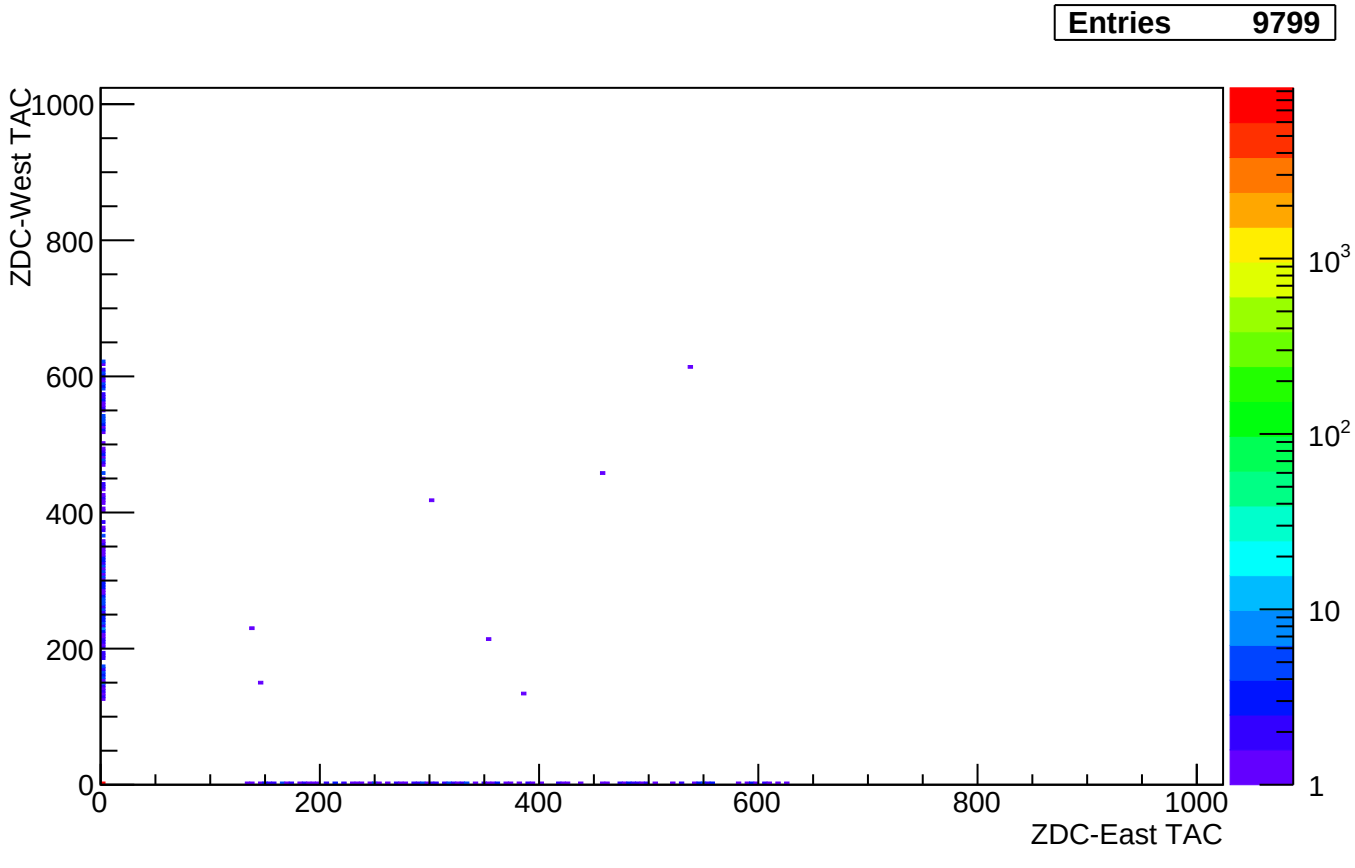

Entries 9799
TOF-Mult
VPD-East ADC Sum

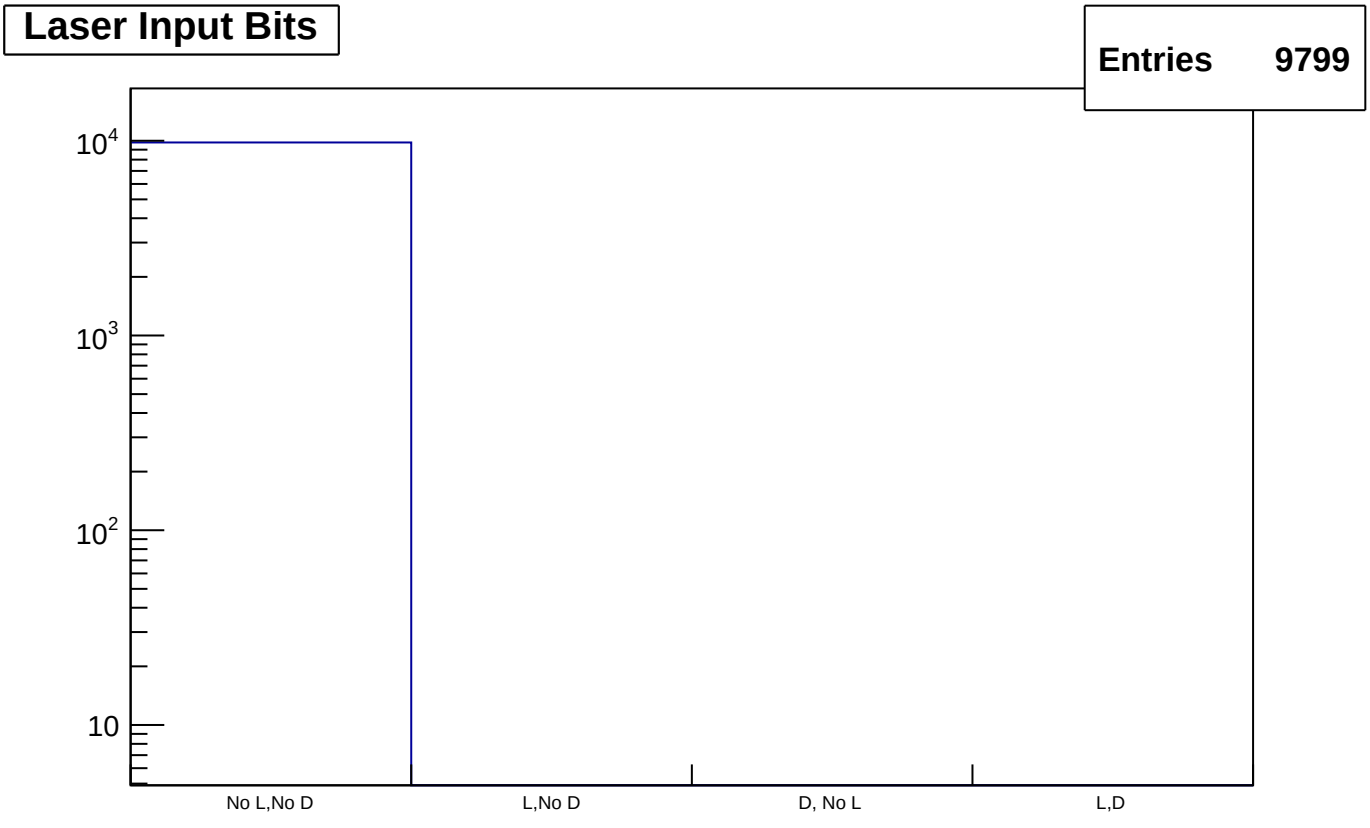

Entries 9799
TOF-Mult
VPD-West ADC Sum

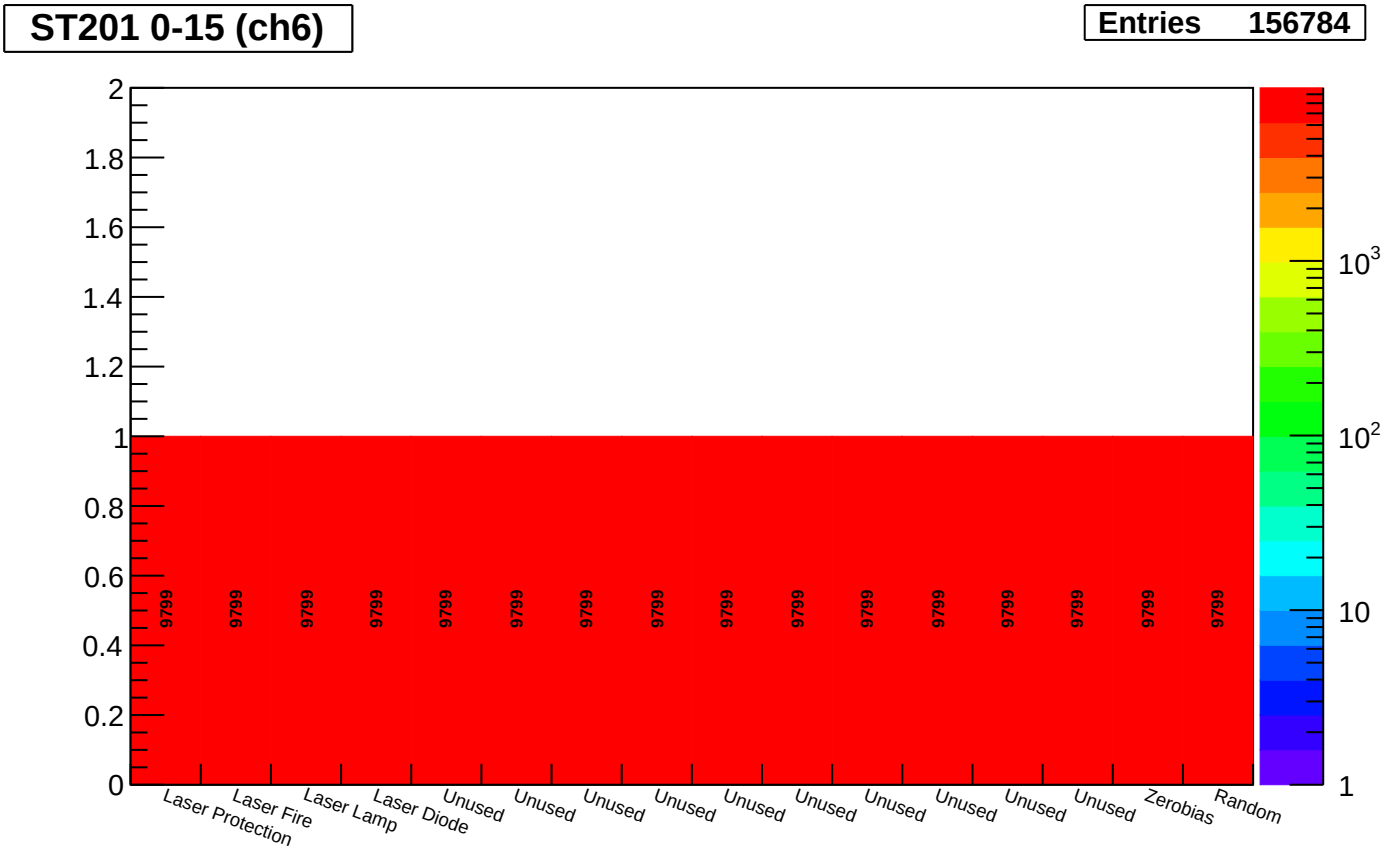

Entries 9799
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

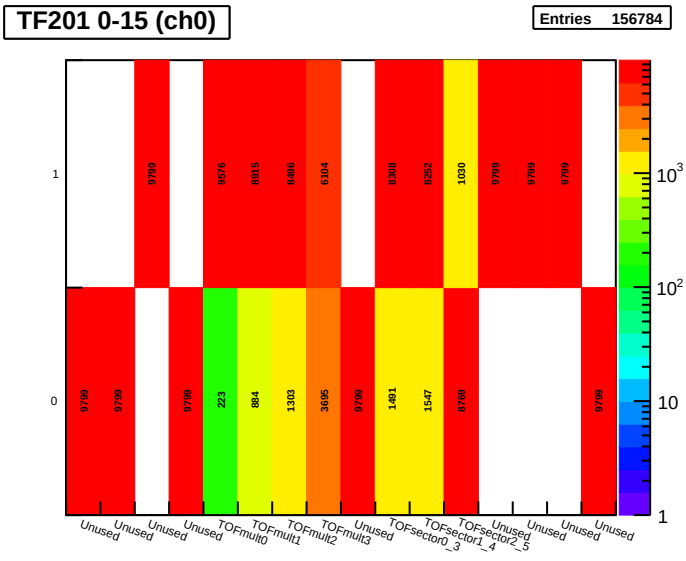

Entries 9799
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

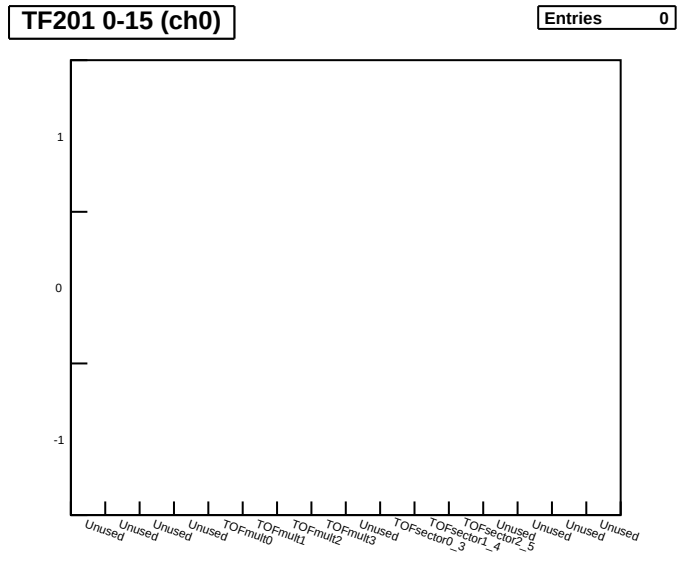

Entries 9799
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

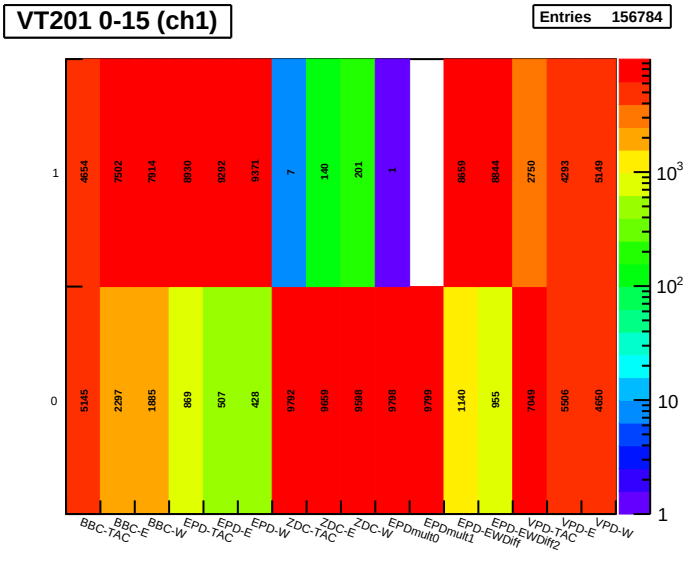

Entries 9799
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^3
10^2
10
1

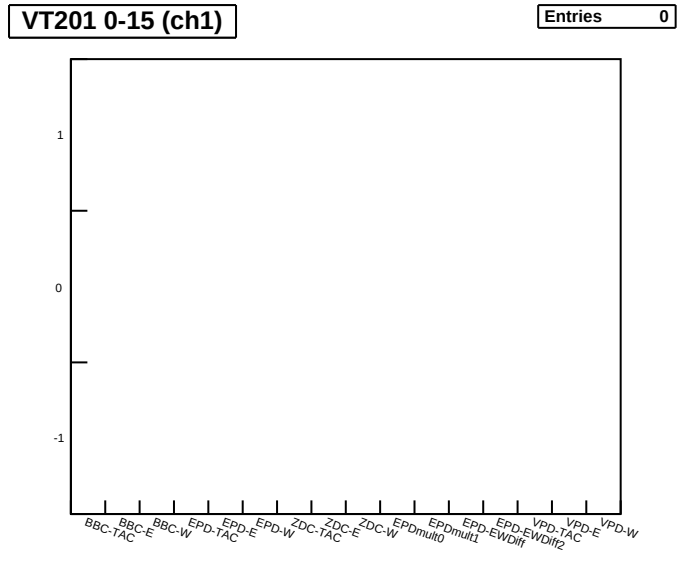

Laser Input Bits
Entries 9799
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

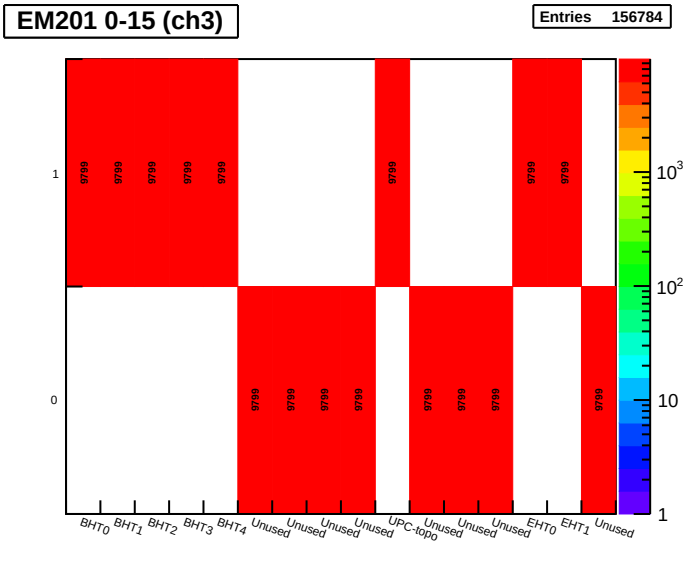

ST201 0-15 (ch6)
Entries 156784
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
9799
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

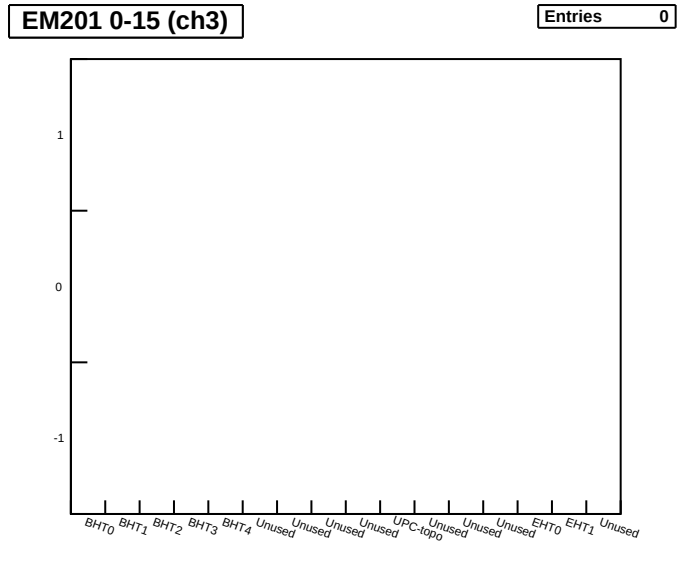

TF201 0-15 (ch0)
Entries 156784
1
0
9799 9576 8915 8496 6104 8308 8252 1030 9799 9799 9799
9799 9799 9799 223 884 1303 3695 9799 1491 1547 8769 9799
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^3
10^2
10
1


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 156784
1
0
4654 7502 7914 8930 9292 9371 7 140 201 1 8659 8844 2750 4293 5149
5145 2297 1885 869 507 428 9732 9659 9588 9798 9739 1140 955 7049 5506 4650
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
10^3
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 156784
1
0
9799 9799 9799 9799 9799 9799 9799 9799 9799
9799 9799 9799 9799 9799 9799 9799 9799
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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