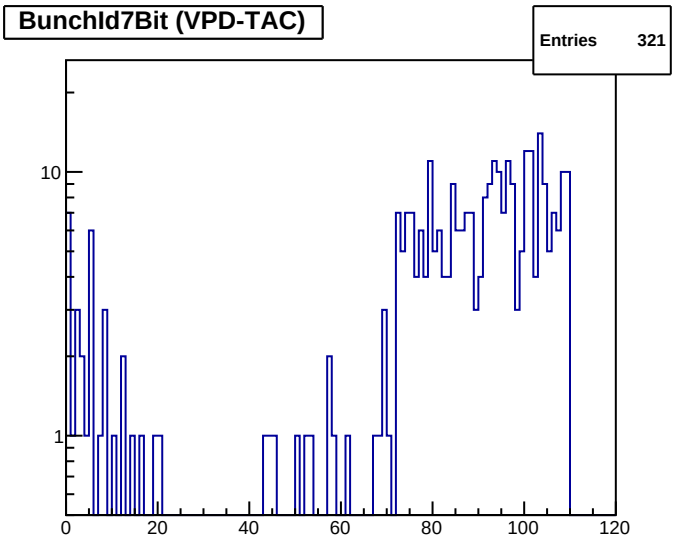
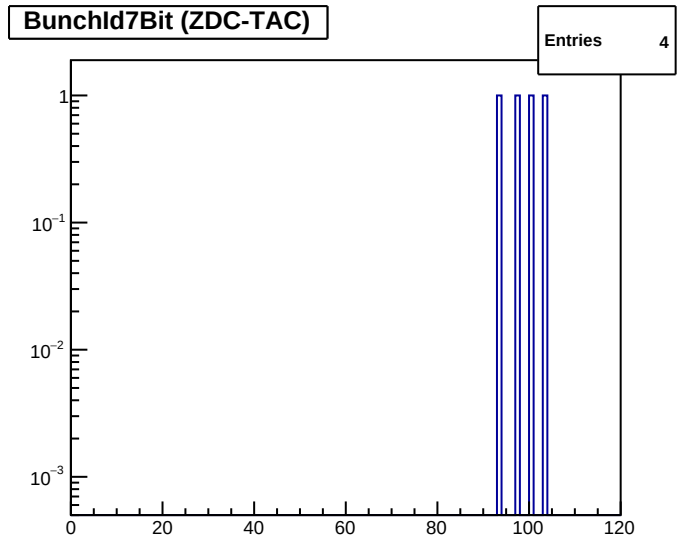
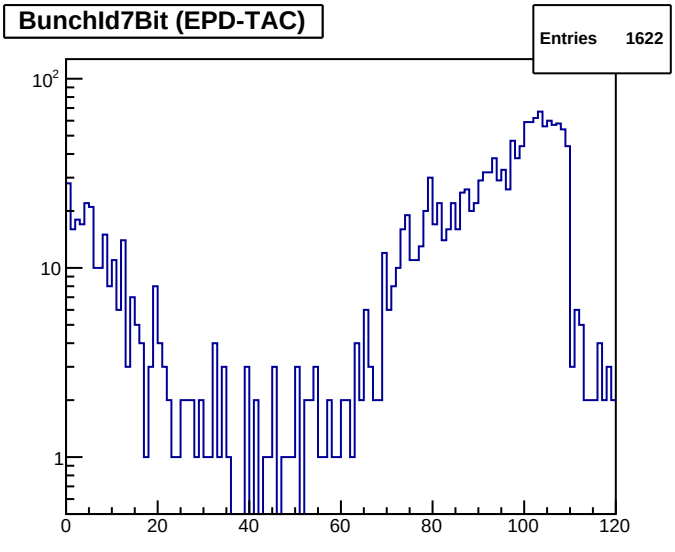
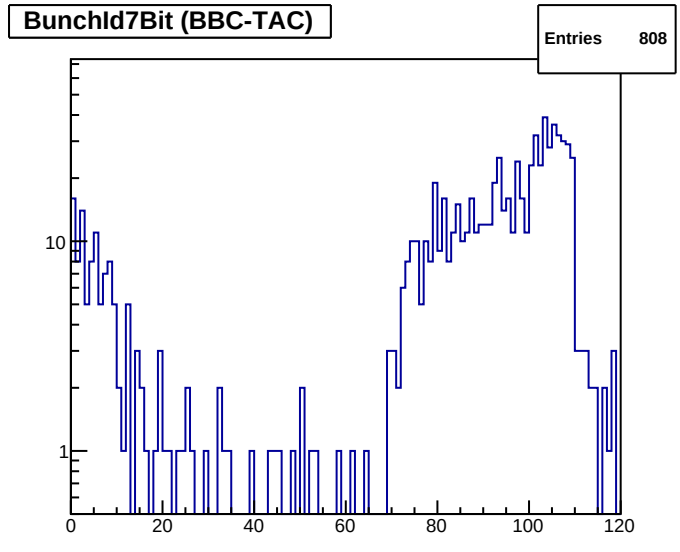
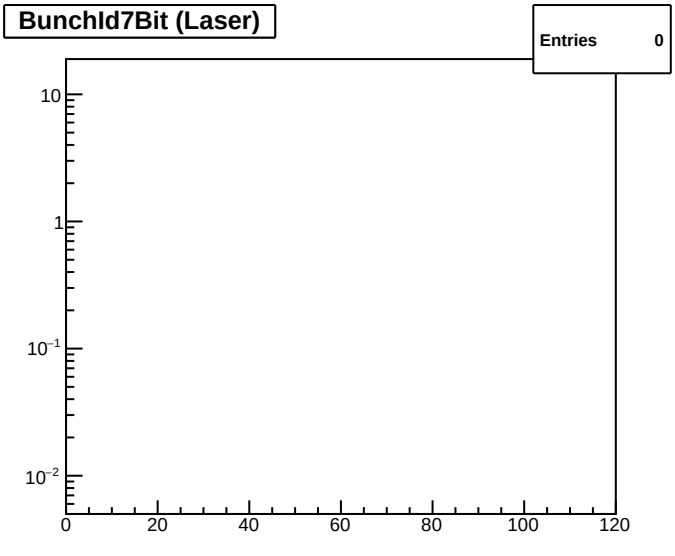
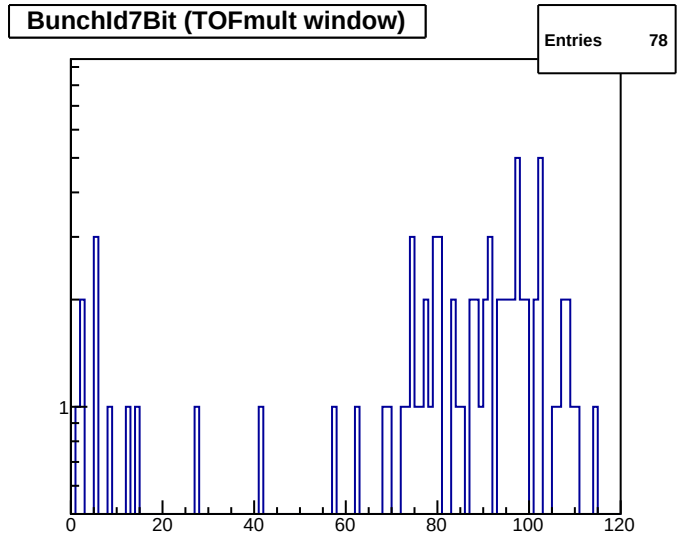

BunchId7Bit (VPD-TAC)
Entries 321

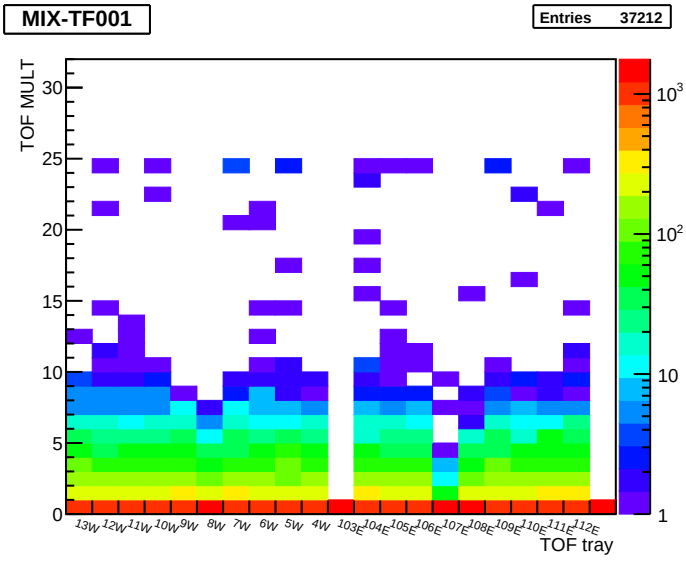

BunchId7Bit (ZDC-TAC)
Entries 4

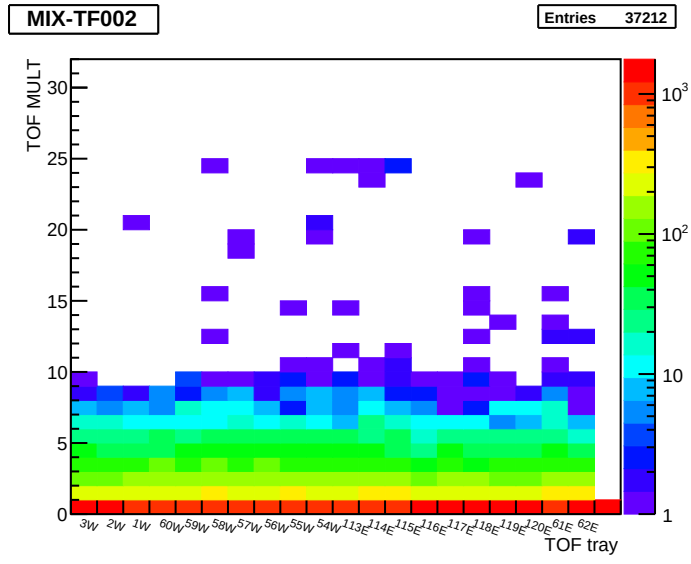

BunchId7Bit (EPD-TAC)
Entries 1622

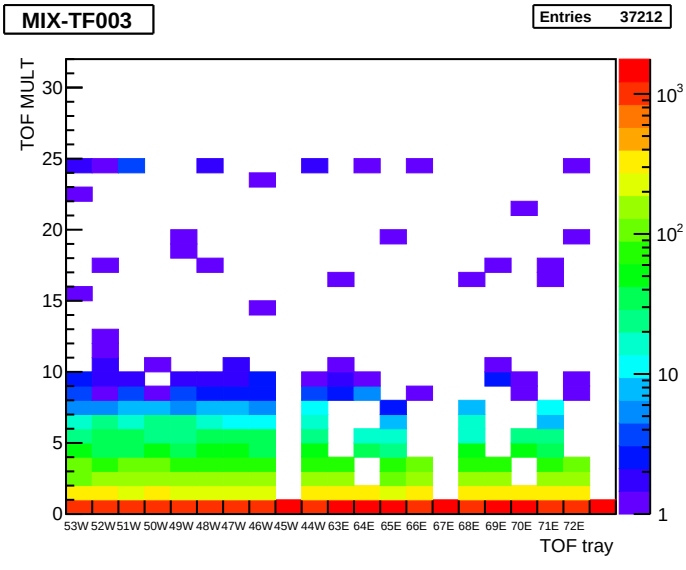

BunchId7Bit (BBC-TAC)
Entries 808

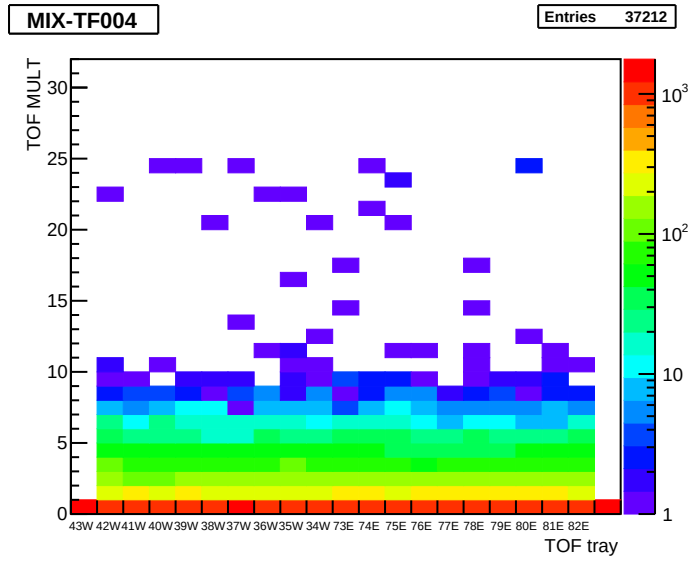

BunchId7Bit (Laser)
Entries 0

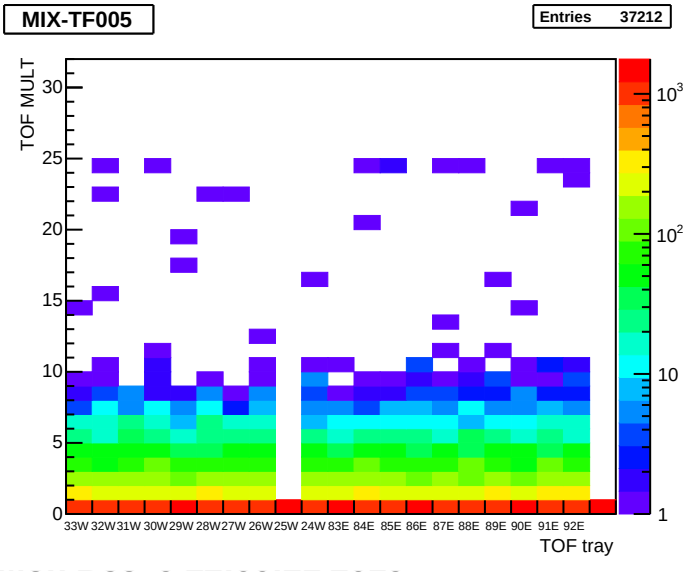

BunchId7Bit (TOFmult window)
Entries 78

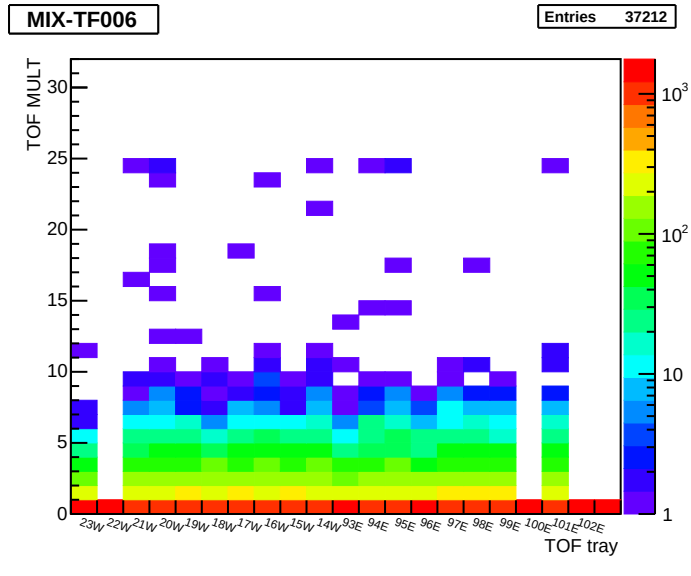

MIX-TF001
Entries 37212
TOF MULT
TOF tray

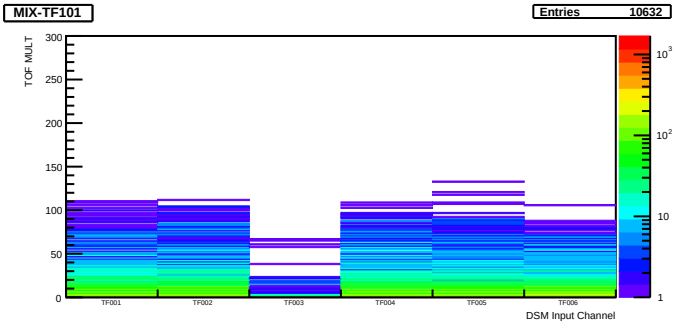

MIX-TF002
Entries 37212
TOF MULT
TOF tray

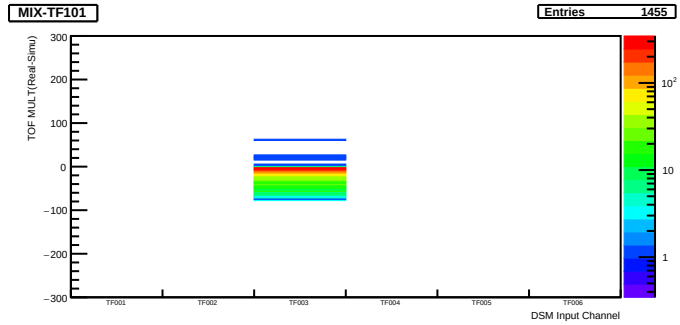

MIX-TF003
Entries 37212
TOF MULT
TOF tray

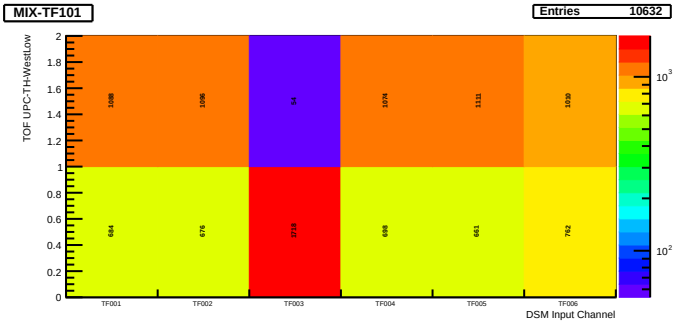

MIX-TF004
Entries 37212
TOF MULT
TOF tray

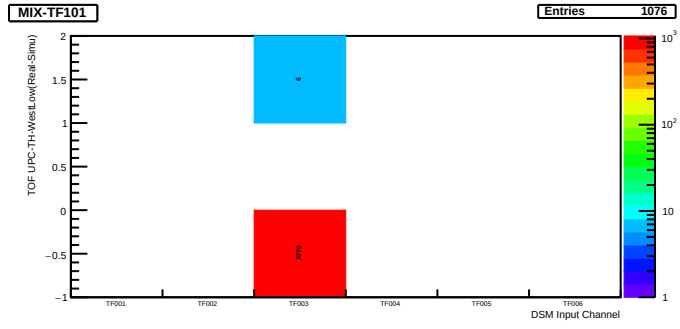

MIX-TF005
Entries 37212
TOF MULT
TOF tray

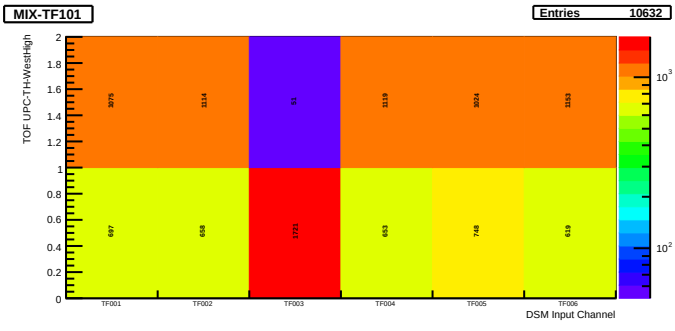

MIX-TF006
Entries 37212
TOF MULT
TOF tray

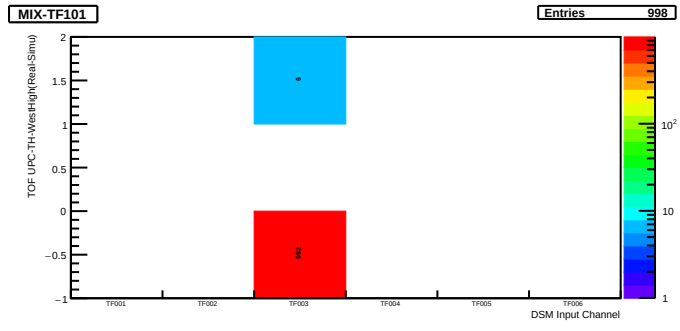

MIX-TF101
Entries 10632
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

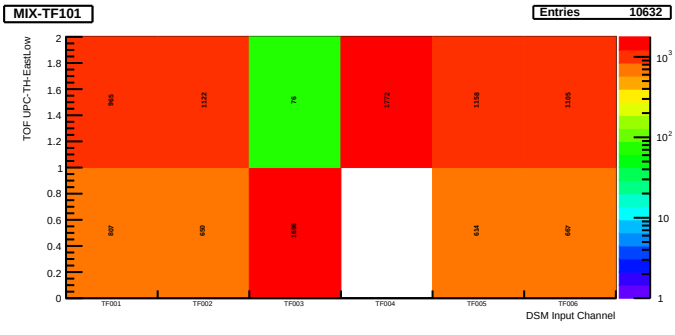

MIX-TF101
Entries 1455
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

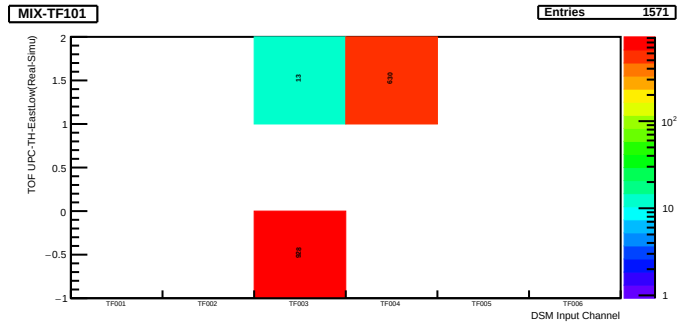

MIX-TF101
Entries 10632
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

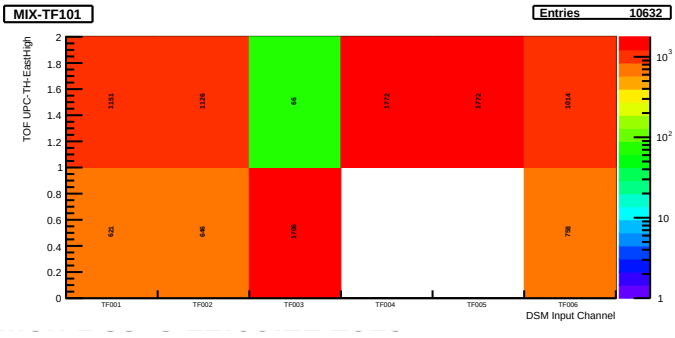

MIX-TF101
Entries 1076
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

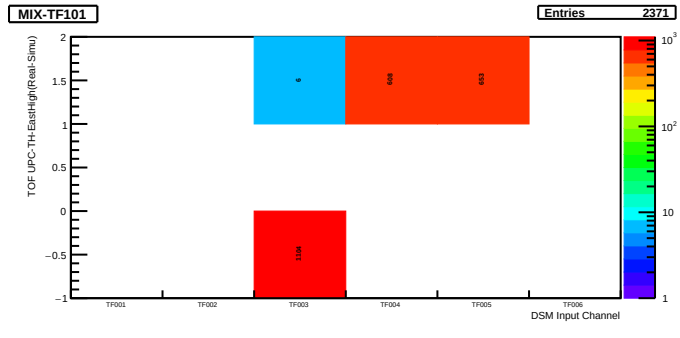

MIX-TF101
Entries 10632
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

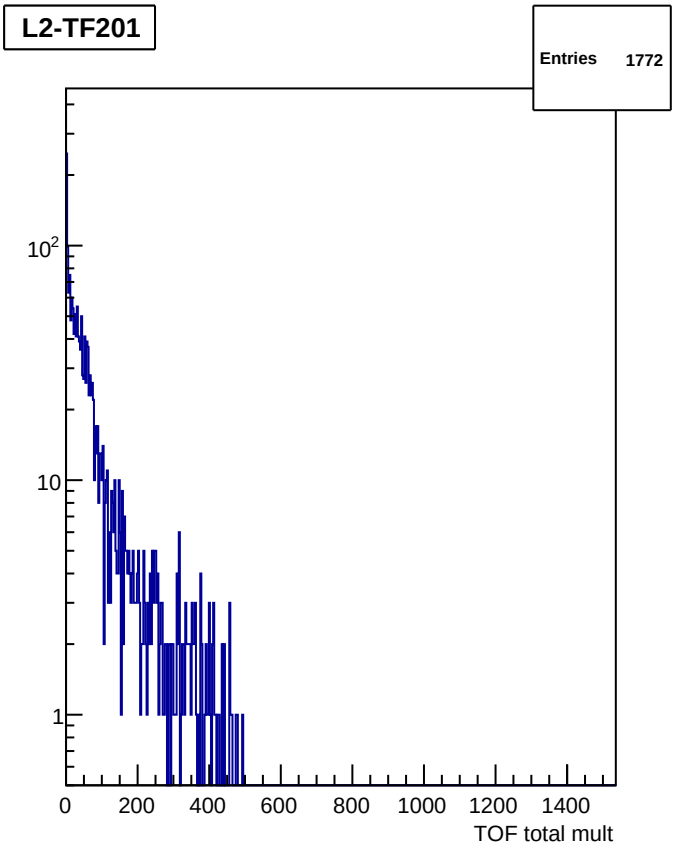

MIX-TF101
Entries 998
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

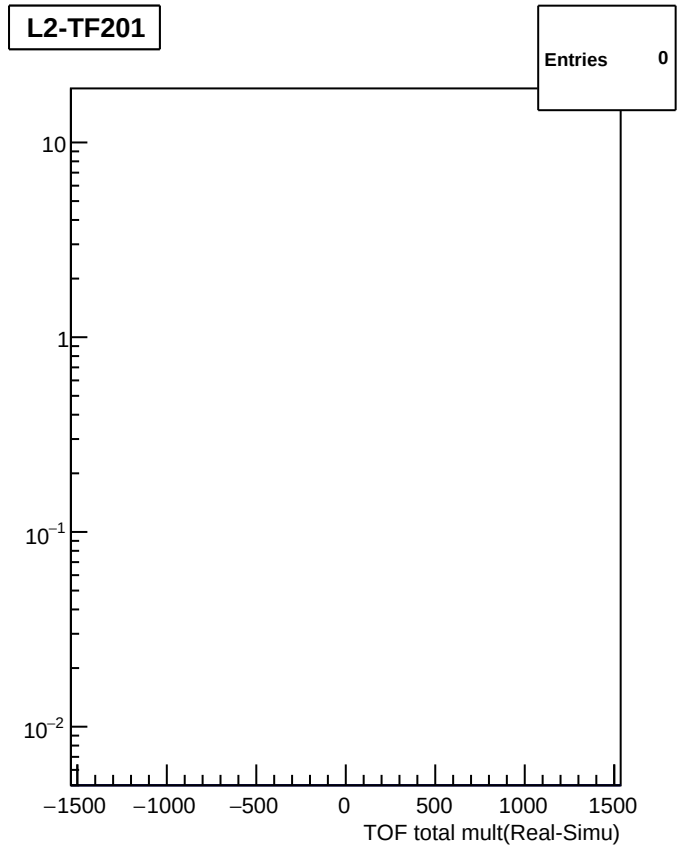

MIX-TF101
Entries 10632
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

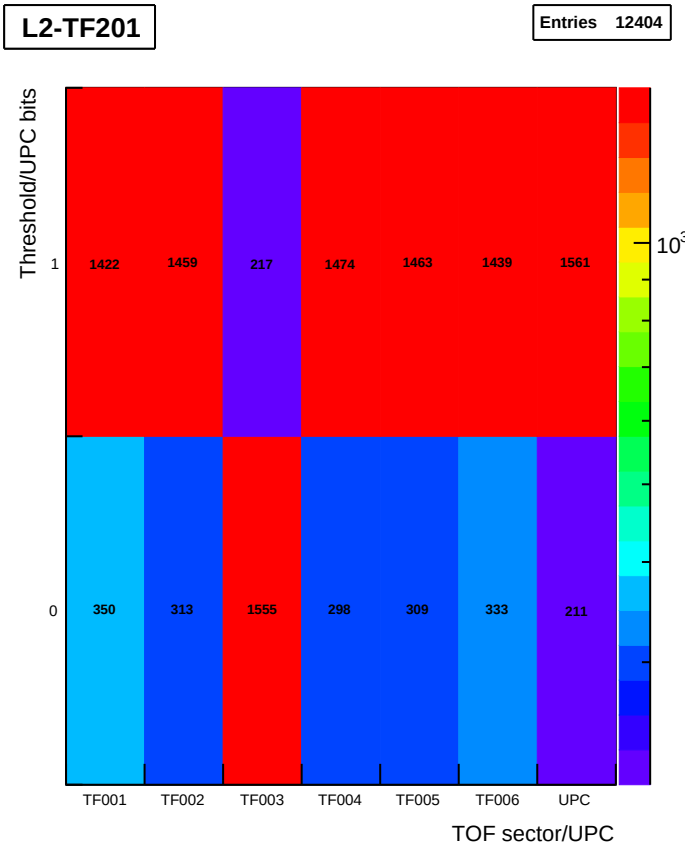

MIX-TF101
Entries 1571
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

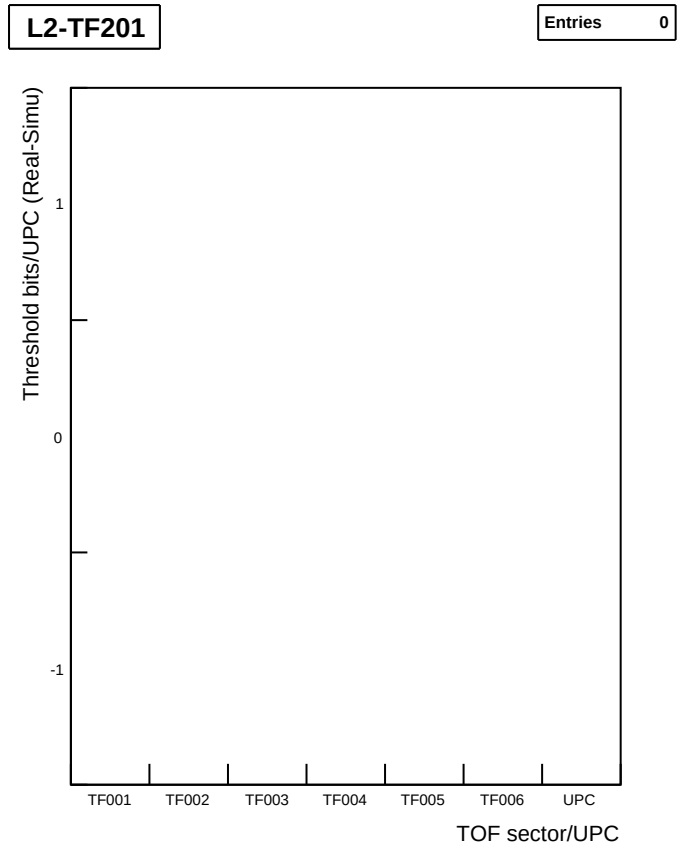

MIX-TF101
Entries 10632
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

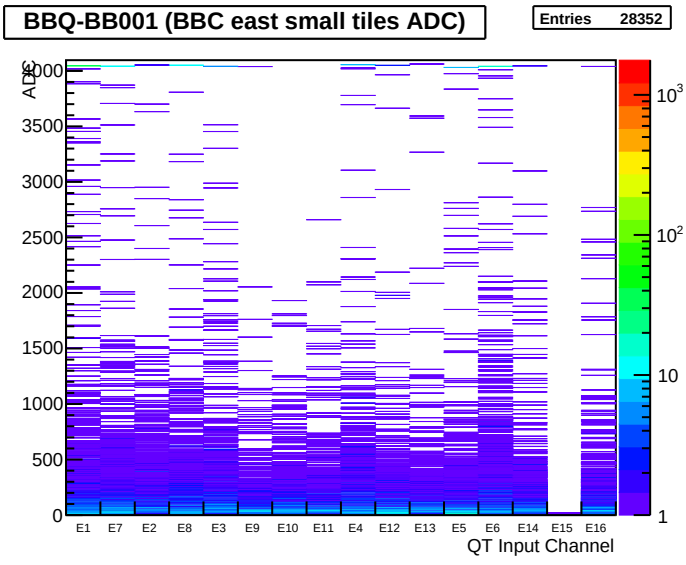

MIX-TF101
Entries 2371
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

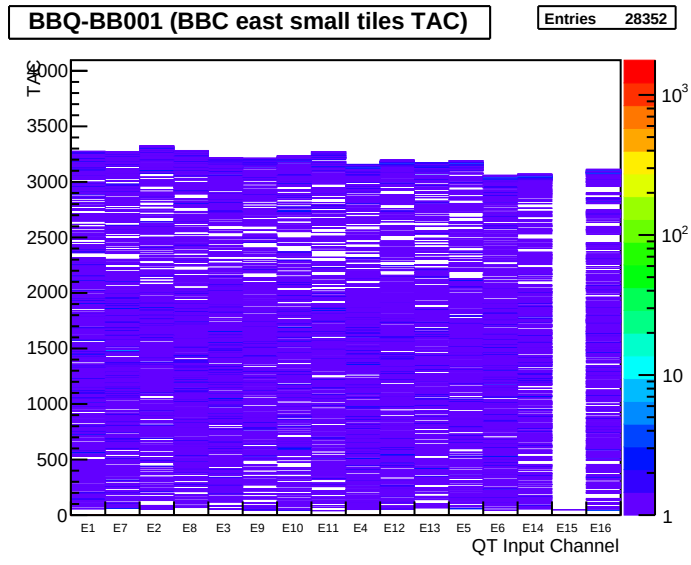

L2-TF201
Entries 1772
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

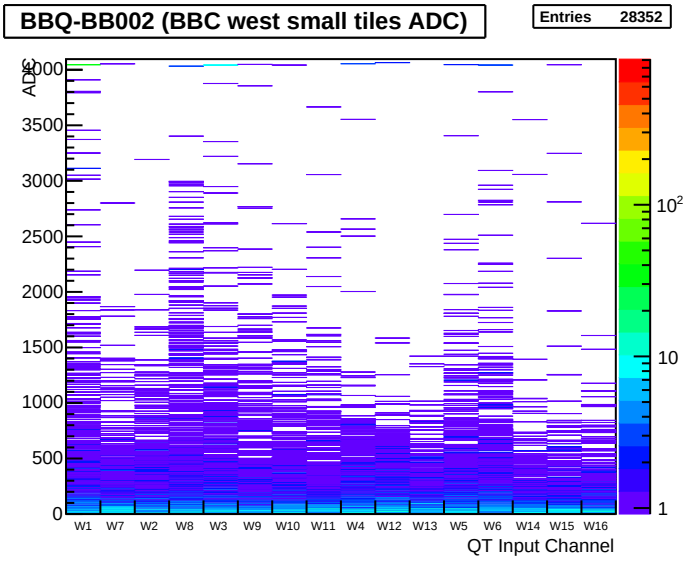

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

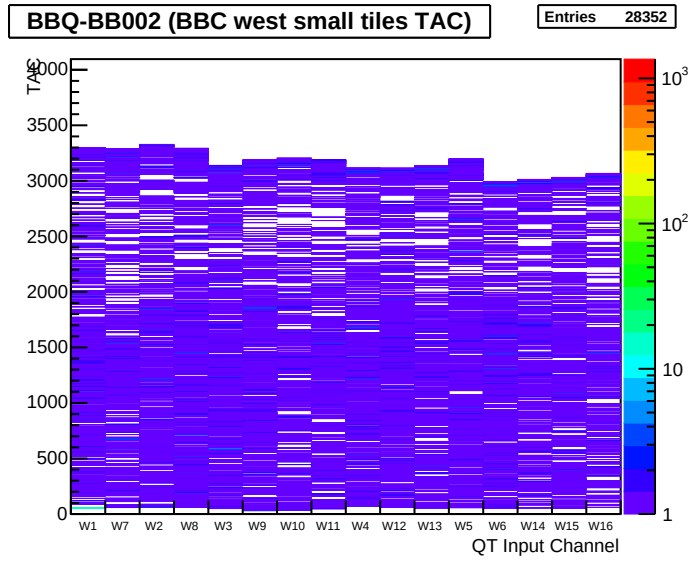

L2-TF201
Entries 12404
Threshold/UPC bits
1
0
1422
1459
217
1474
1463
1439
1561
350
313
1555
298
309
333
211
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

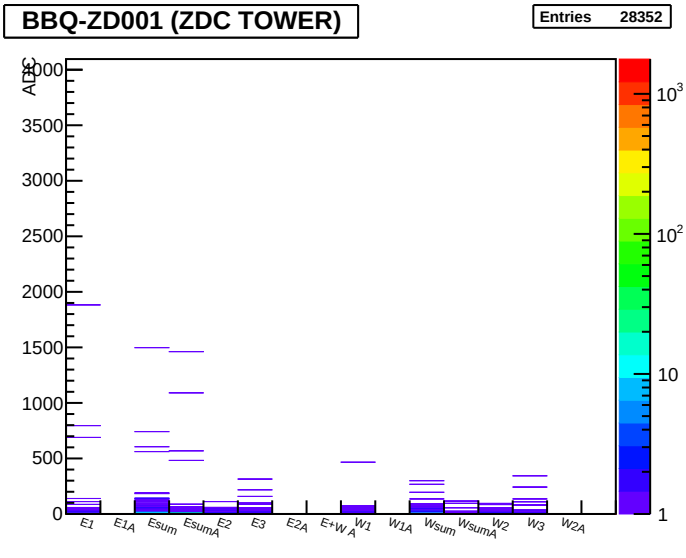

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

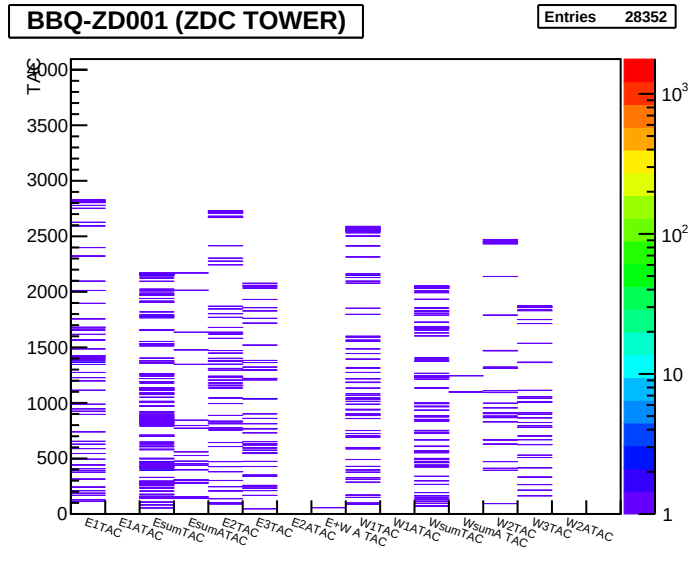

BBQ-BB001 (BBC east small tiles ADC)
Entries 28352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

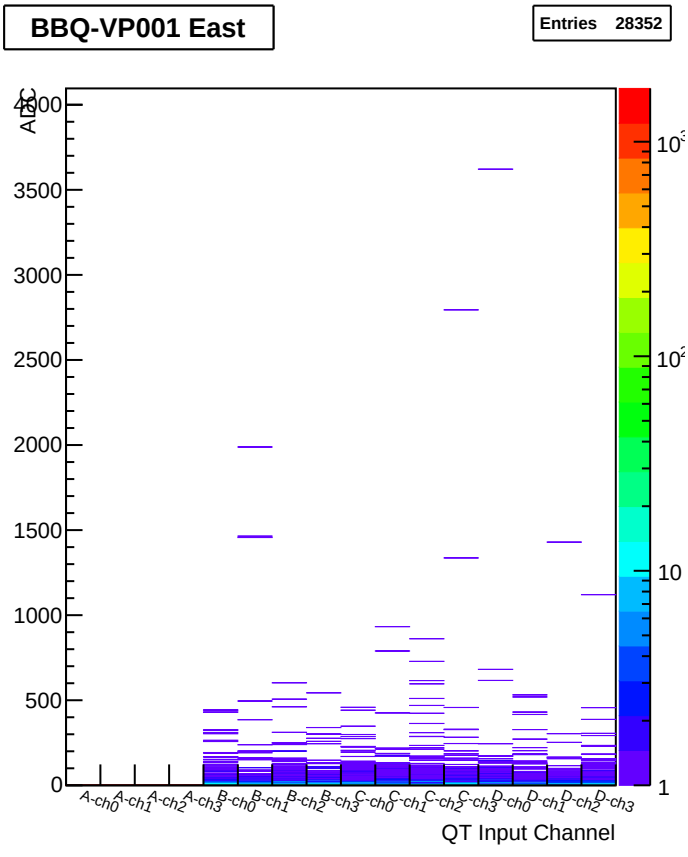

BBQ-BB001 (BBC east small tiles TAC)
Entries 28352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

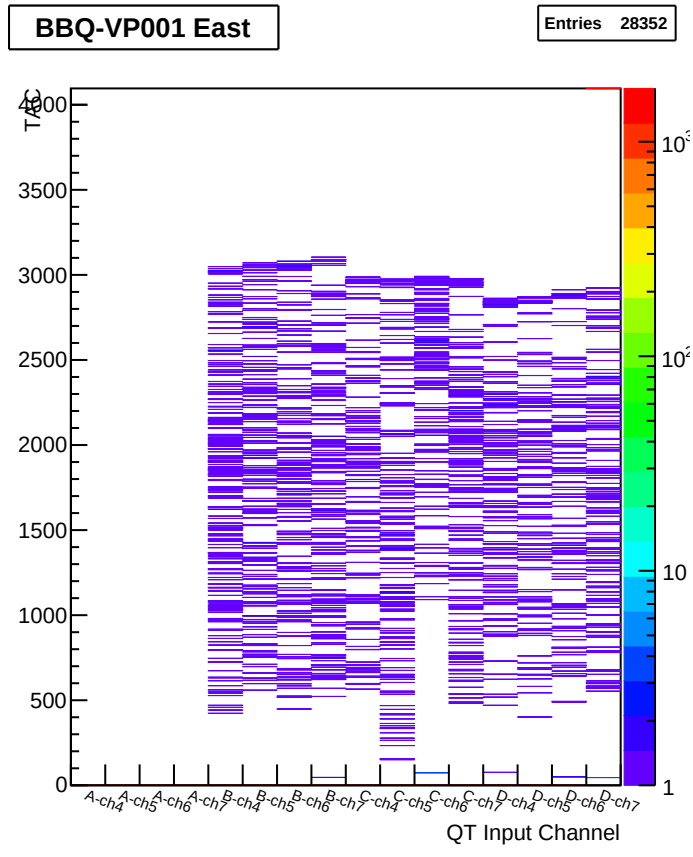

BBQ-BB002 (BBC west small tiles ADC)
Entries 28352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

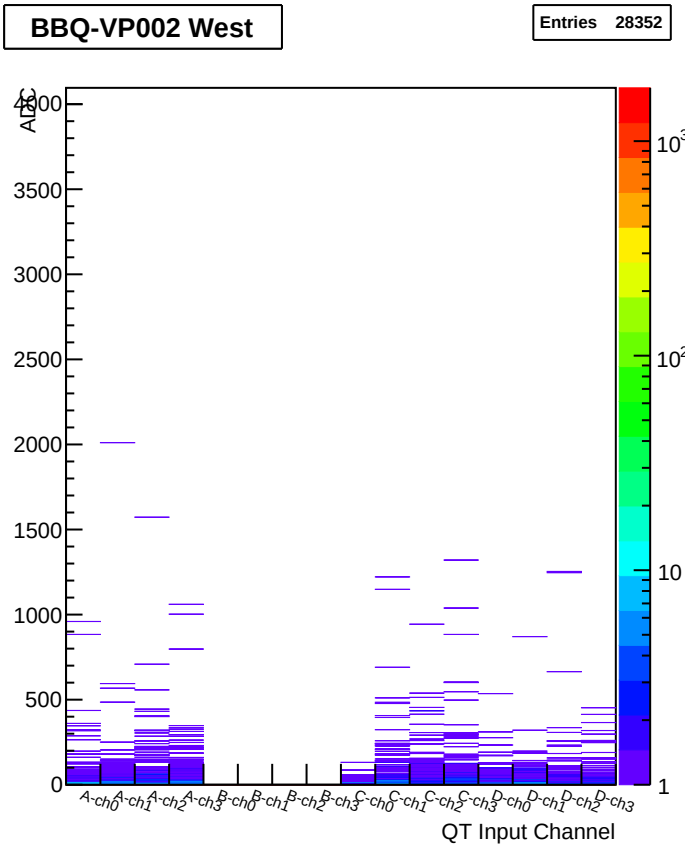

BBQ-BB002 (BBC west small tiles TAC)
Entries 28352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

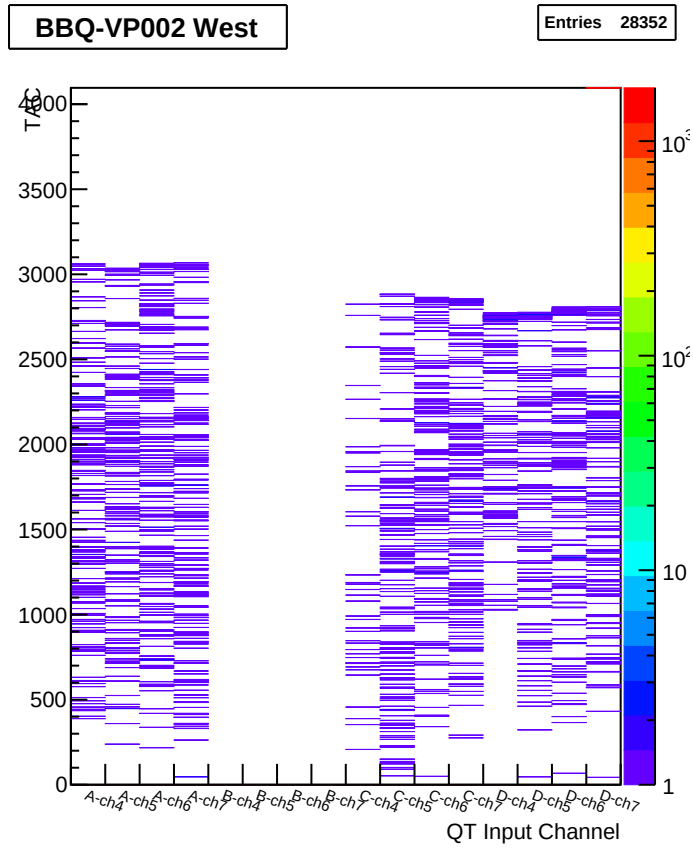

BBQ-ZD001 (ZDC TOWER)
Entries 28352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

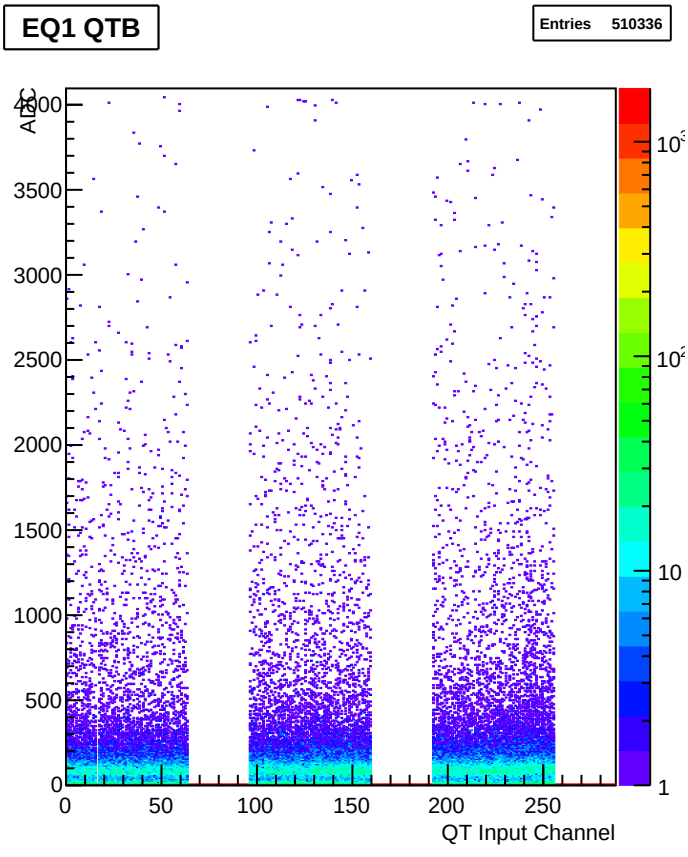

BBQ-ZD001 (ZDC TOWER)
Entries 28352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

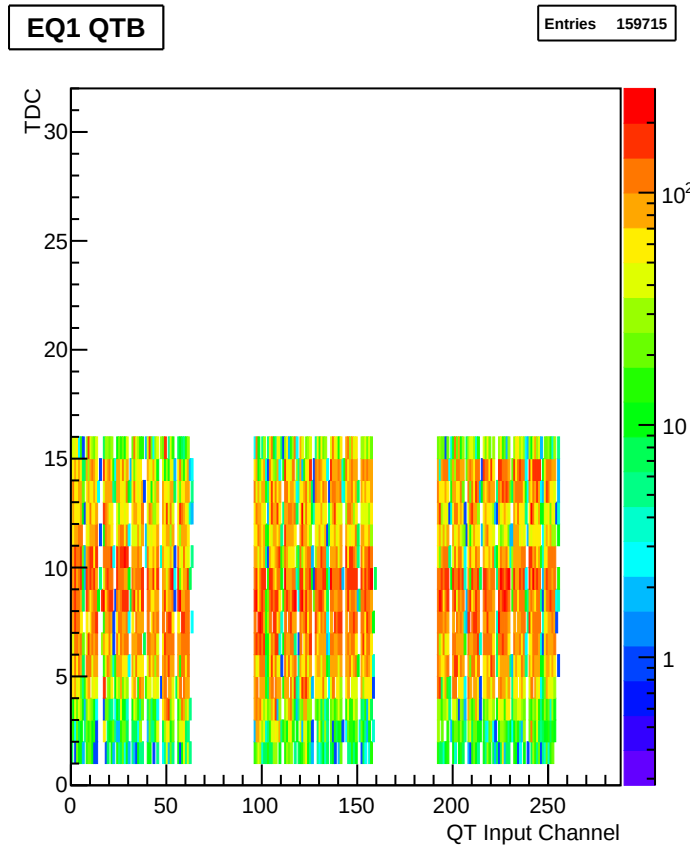

BBQ-VP001 East
Entries 28352
ADC
QT Input Channel

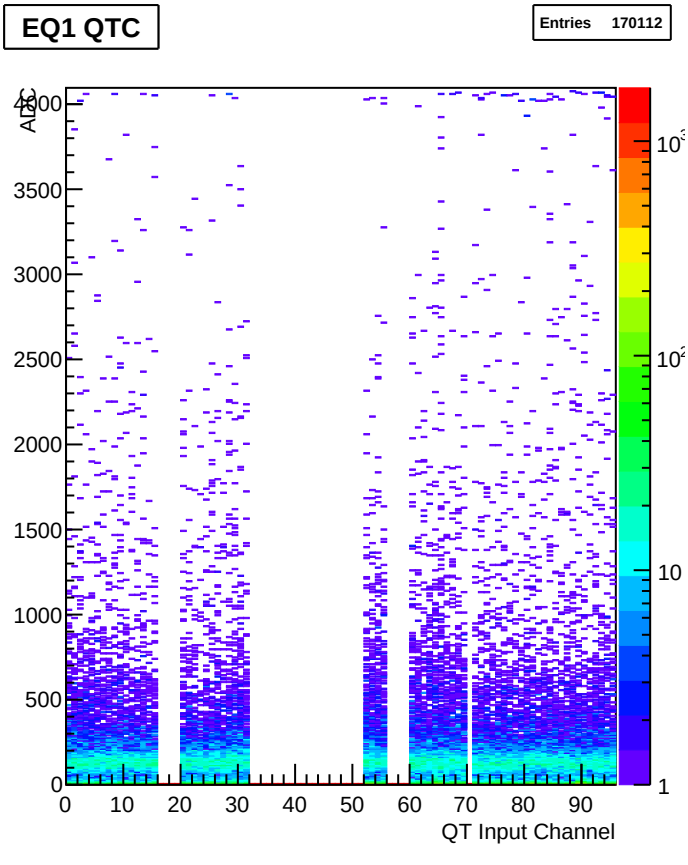

BBQ-VP001 East
Entries 28352
TADC
QT Input Channel

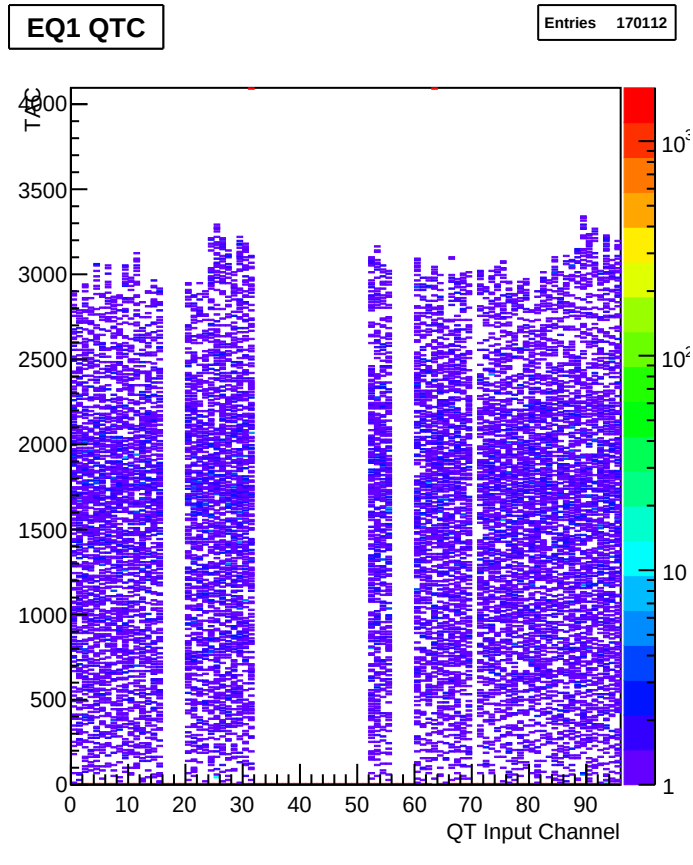

BBQ-VP002 West
Entries 28352
ADC
QT Input Channel

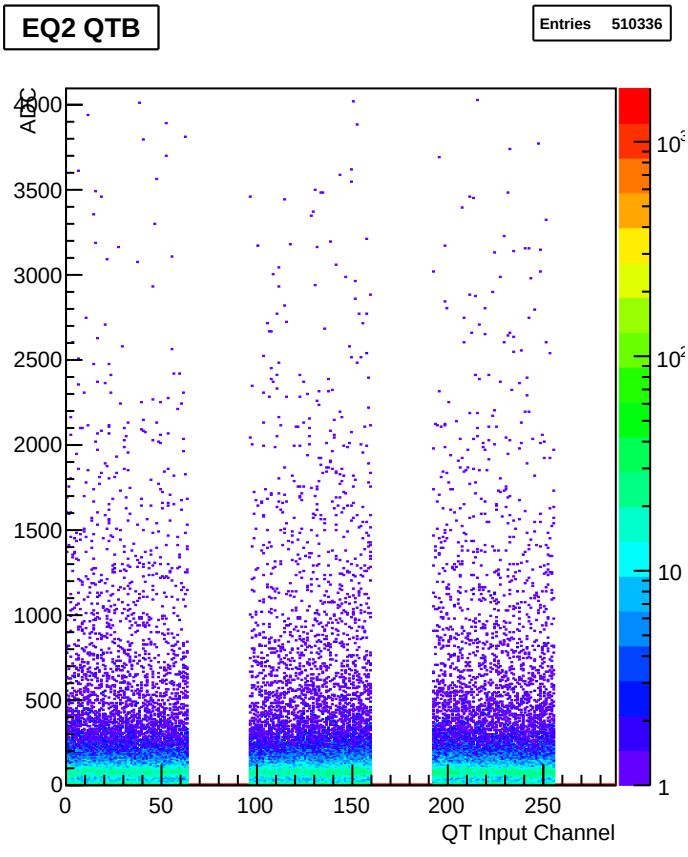

BBQ-VP002 West
Entries 28352
TADC
QT Input Channel

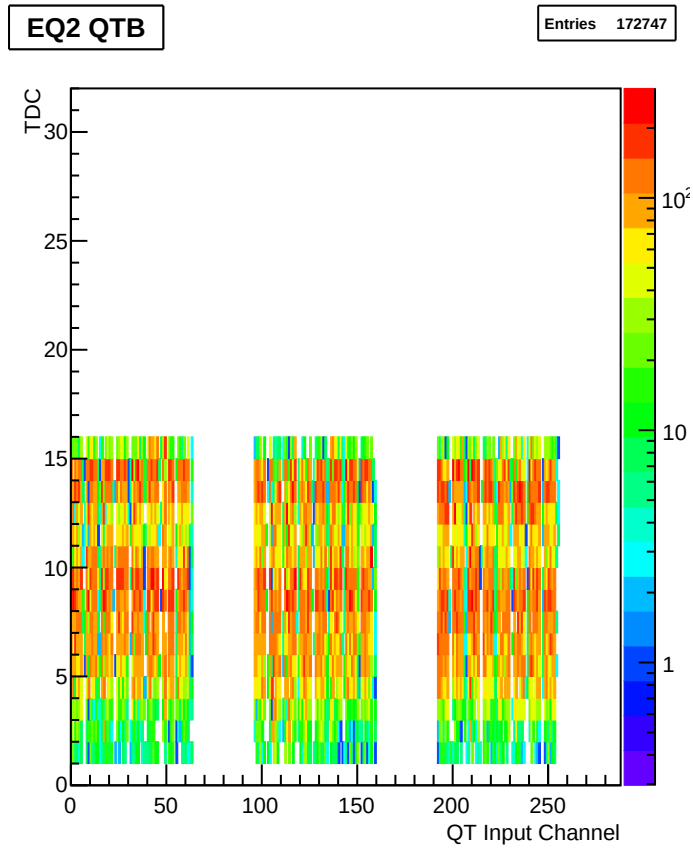

EQ1 QTB
Entries 510336
ADC
QT Input Channel

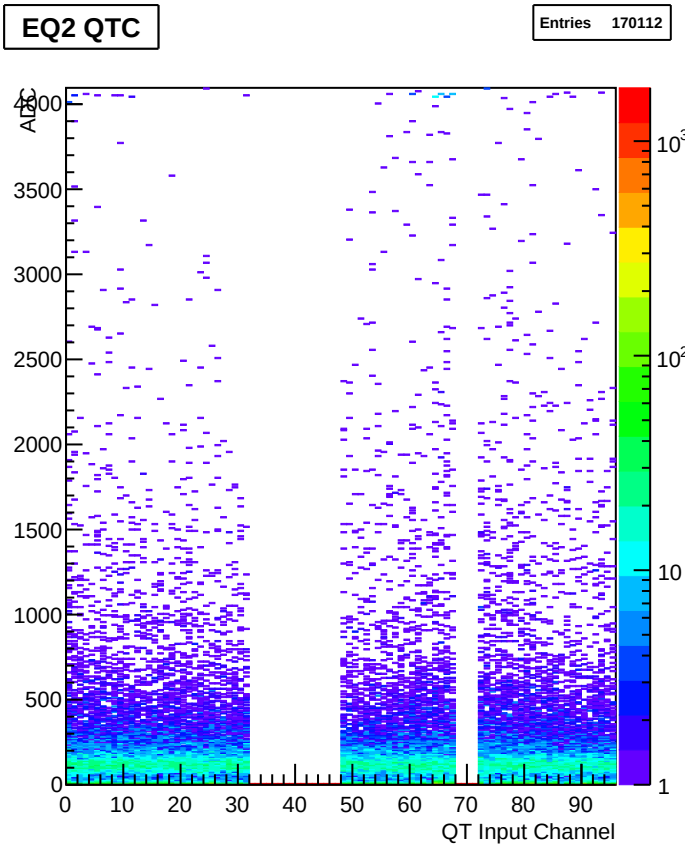

EQ1 QTB
Entries 159715
TDC
QT Input Channel

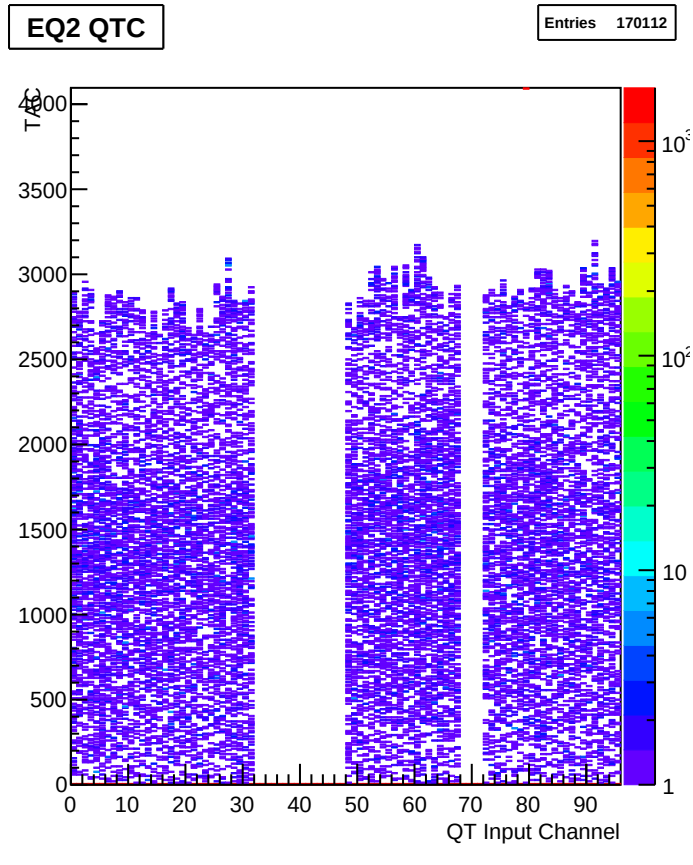

EQ1 QTC
Entries 170112
ADC
QT Input Channel

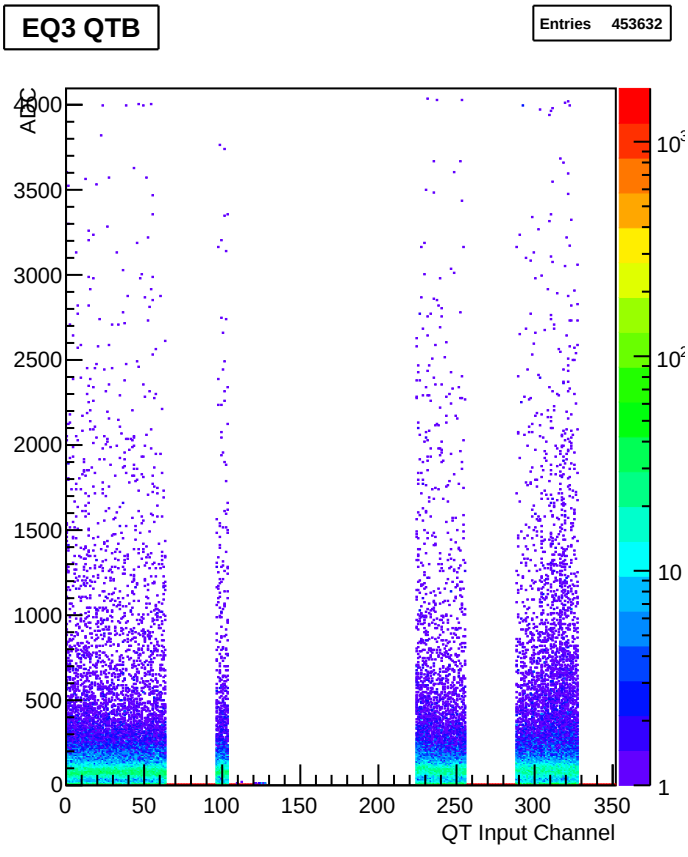

EQ1 QTC
Entries 170112
TADC
QT Input Channel

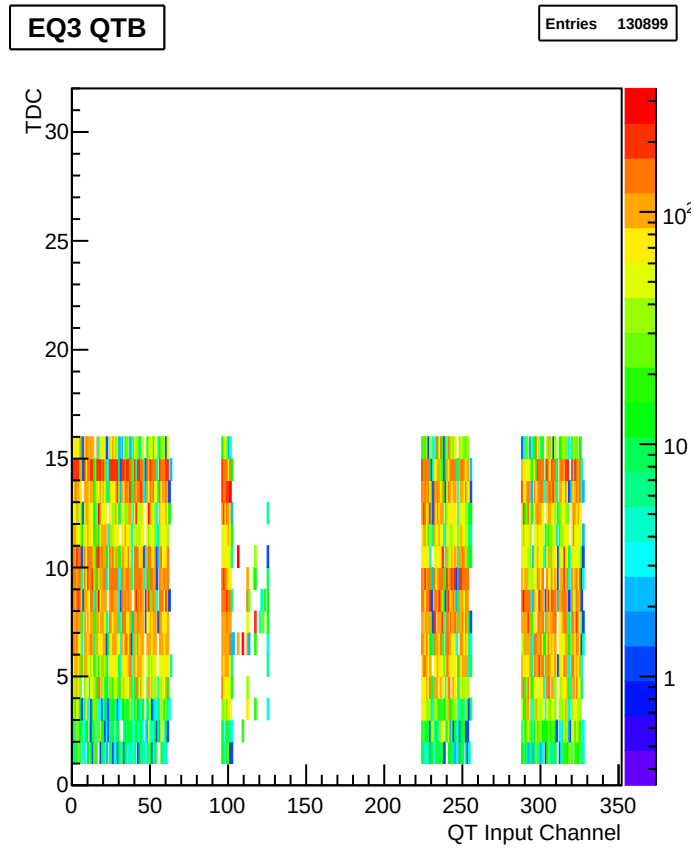

EQ2 QTB
Entries 510336
ADC
QT Input Channel

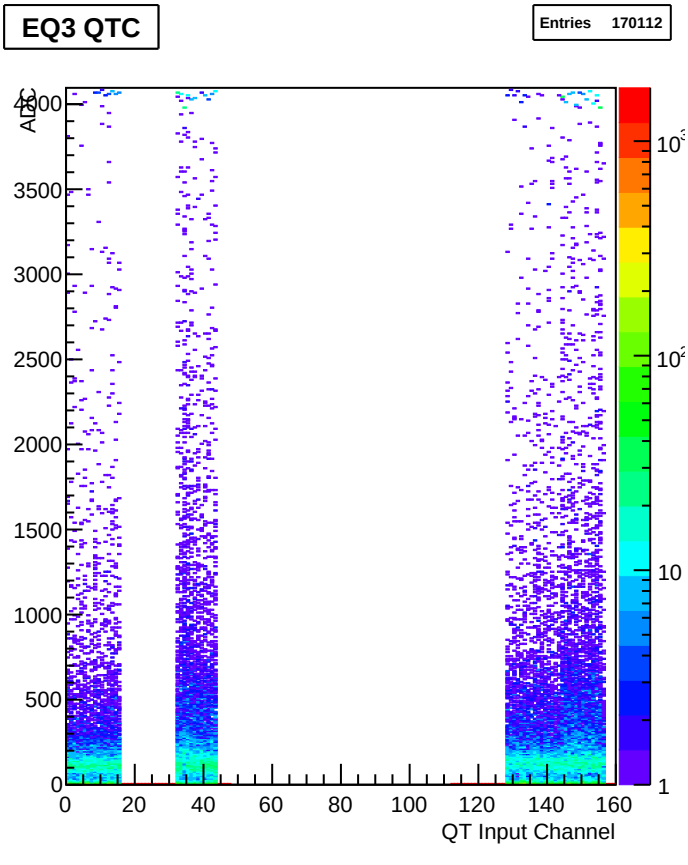

EQ2 QTB
Entries 172747
TDC
QT Input Channel

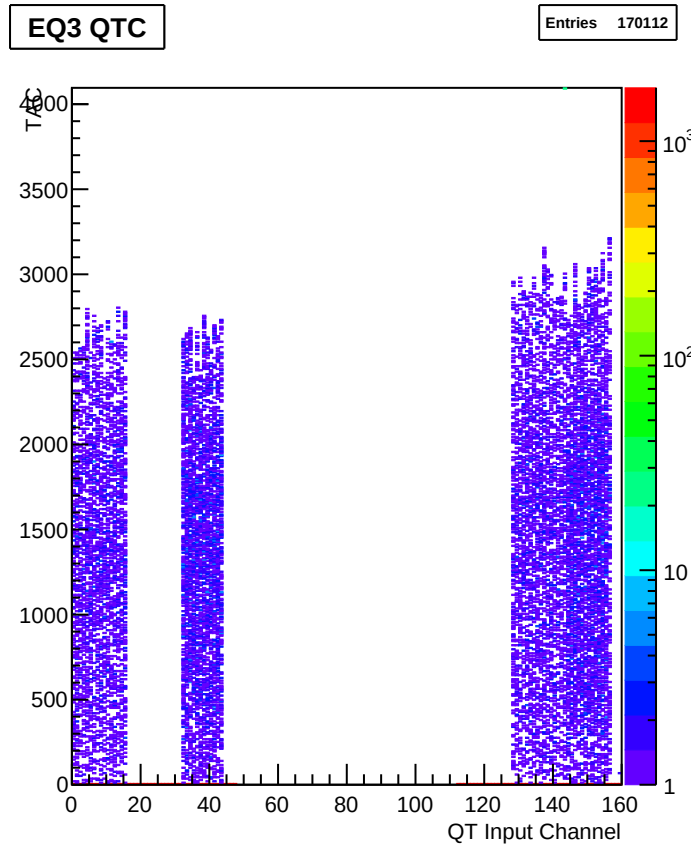

EQ2 QTC
Entries 170112
ADC
QT Input Channel

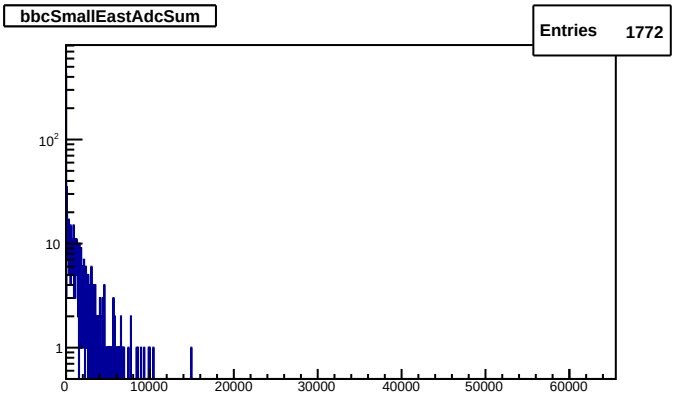

EQ2 QTC
Entries 170112
TADC
QT Input Channel

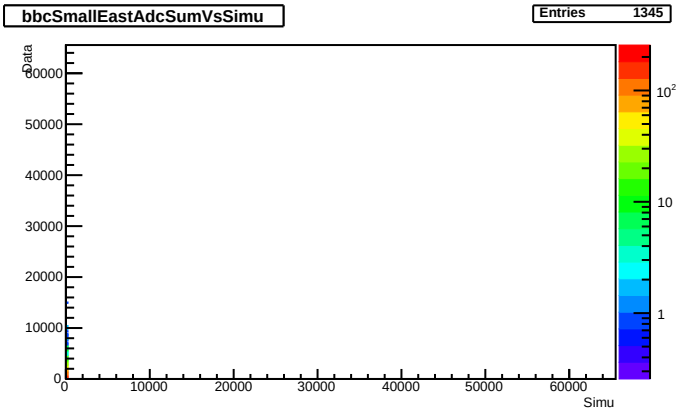

EQ3 QTB
Entries 453632
ADC
QT Input Channel

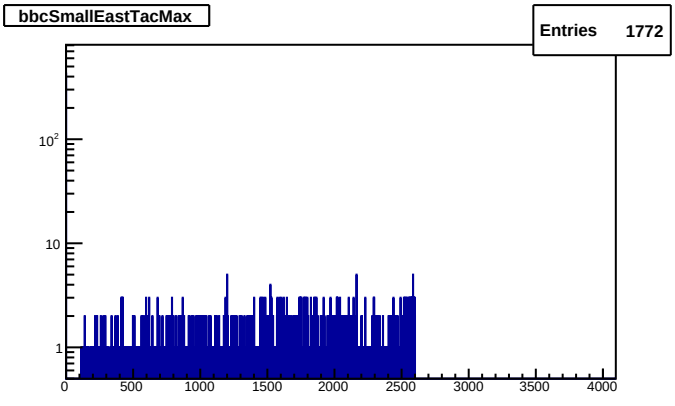

EQ3 QTB
Entries 130899
TDC
QT Input Channel

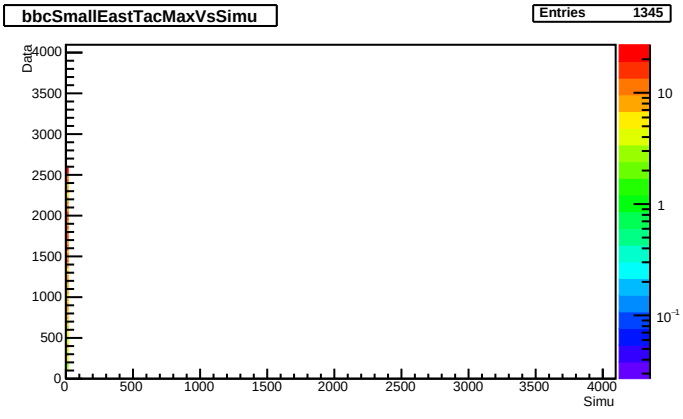

EQ3 QTC
Entries 170112
ADC
QT Input Channel

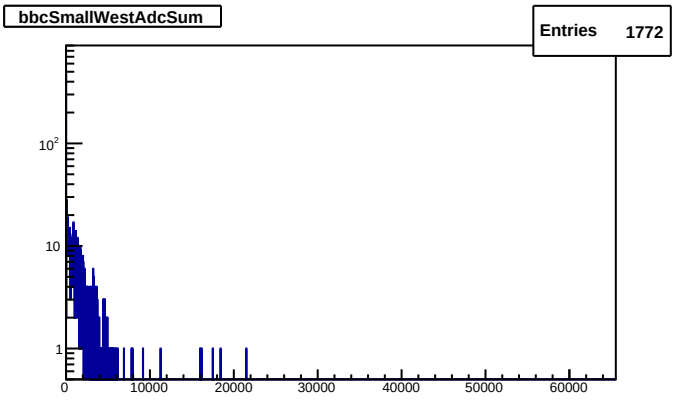

EQ3 QTC
Entries 170112
TADC
QT Input Channel

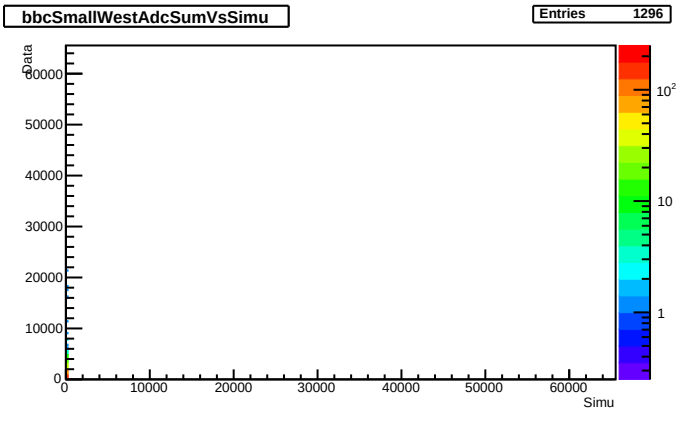

bbcSmallEastAdcSum
Entries 1772

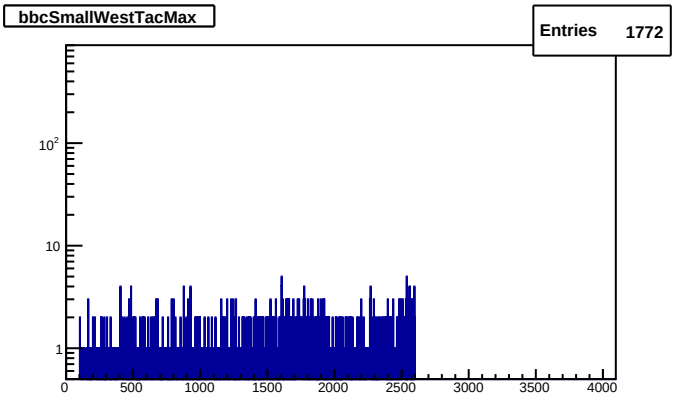

bbcSmallEastAdcSumVsSimu
Entries 1345
Data
Simu

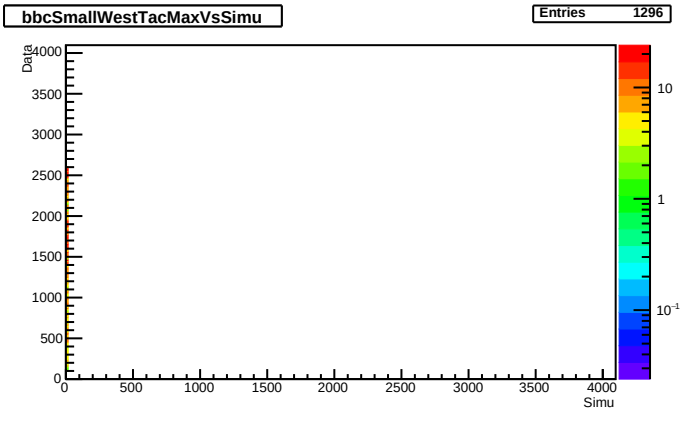

bbcSmallEastTacMax
Entries 1772

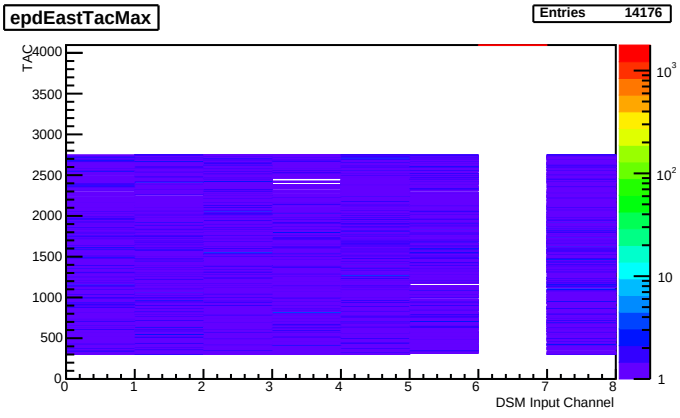

bbcSmallEastTacMaxVsSimu
Entries 1345
Data
Simu

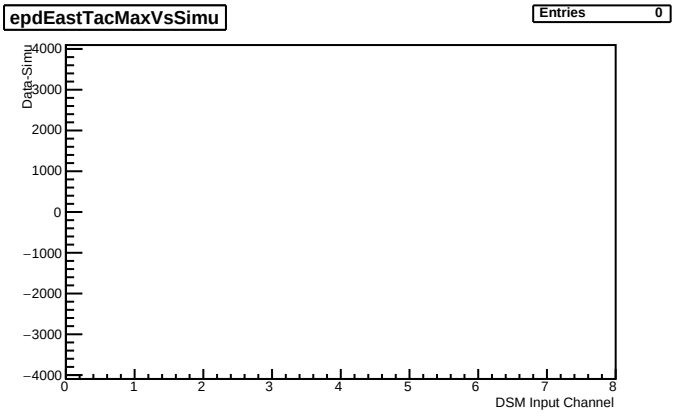

bbcSmallWestAdcSum
Entries 1772

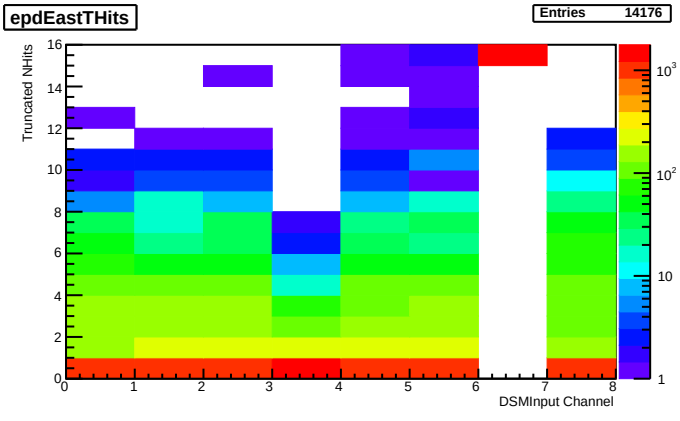

bbcSmallWestAdcSumVsSimu
Entries 1296
Data
Simu

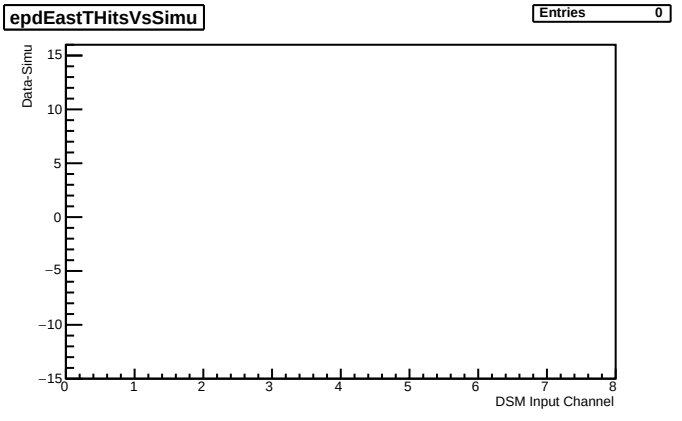

bbcSmallWestTacMax
Entries 1772

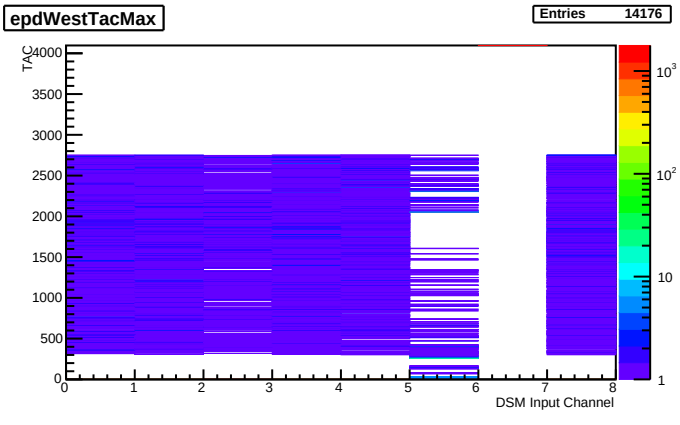

bbcSmallWestTacMaxVsSimu
Entries 1296
Data
Simu

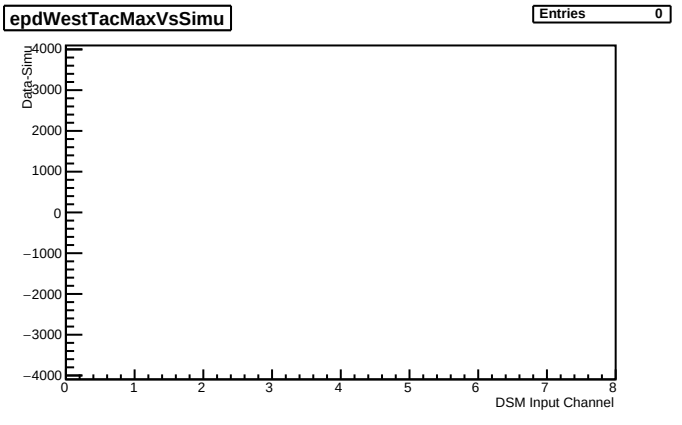

epdEastTacMax
Entries 14176
TAC
DSM Input Channel

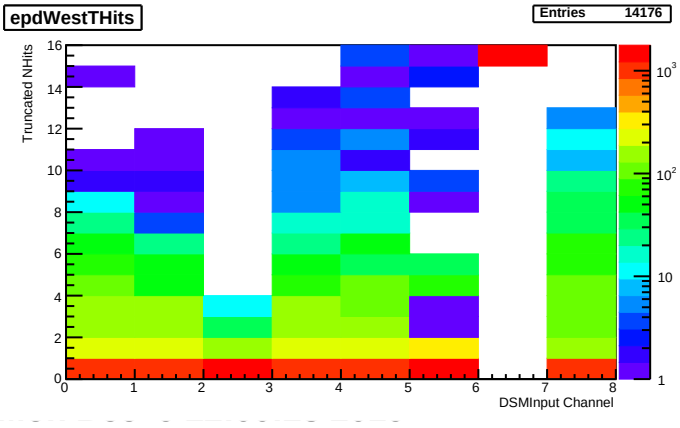

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

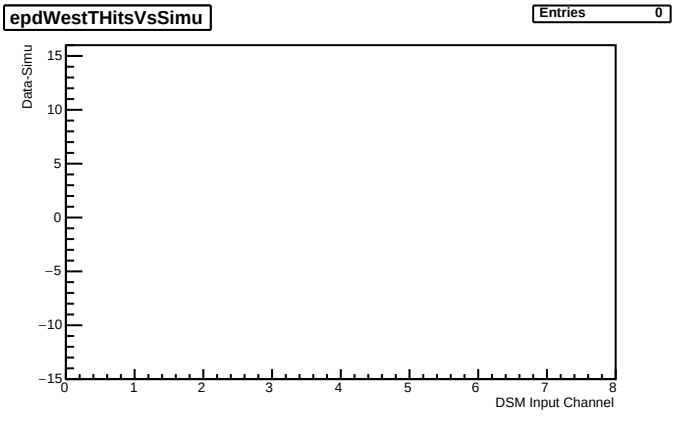

epdEastTHits
Entries 14176
Truncated NHits
DSMInput Channel

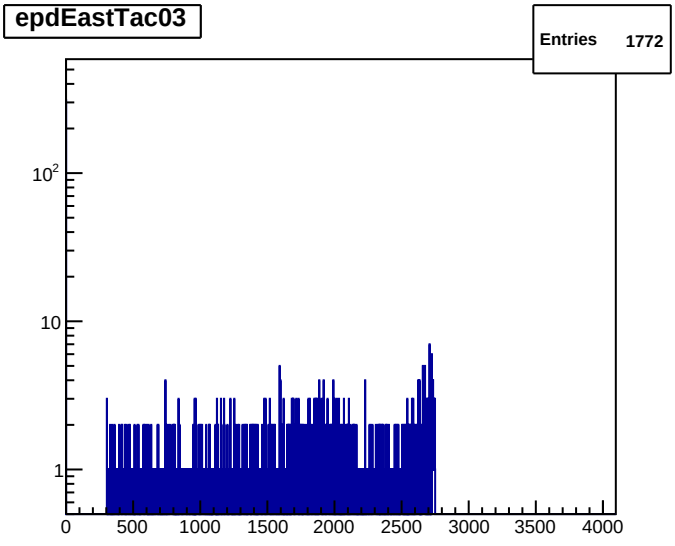

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

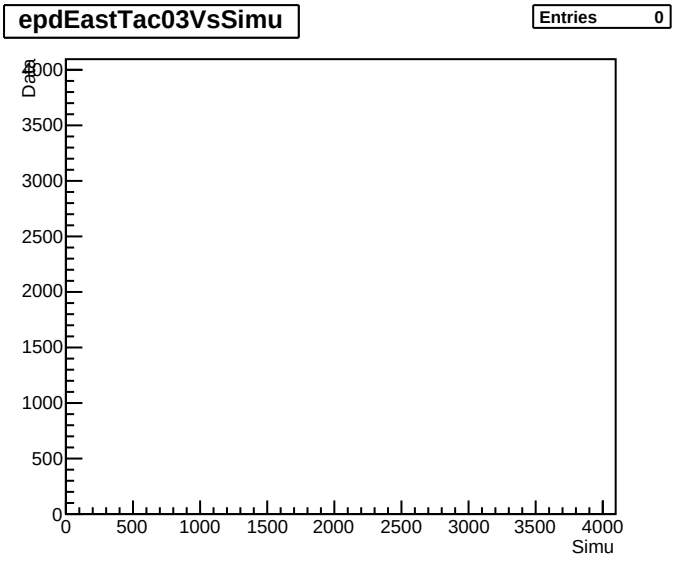

epdWestTacMax
Entries 14176
TAC
DSM Input Channel

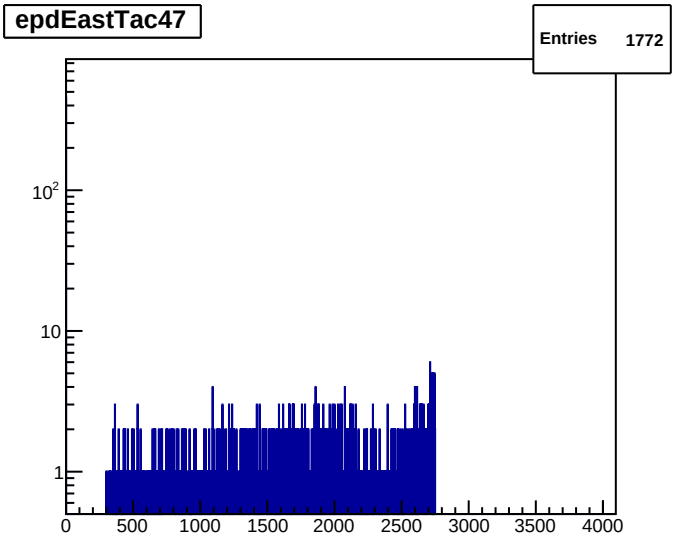

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

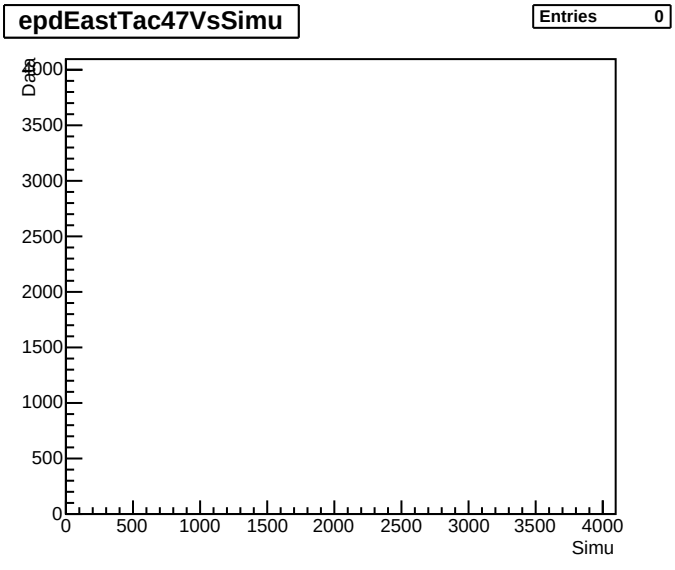

epdWestTHits
Entries 14176
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 1772
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 1772
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
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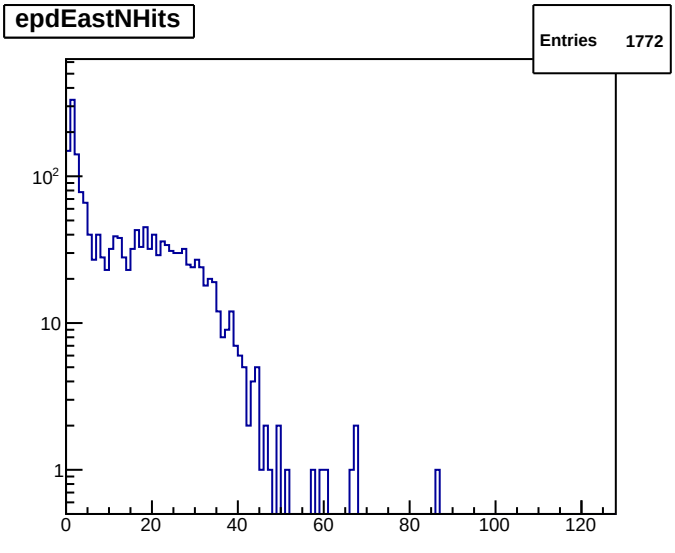
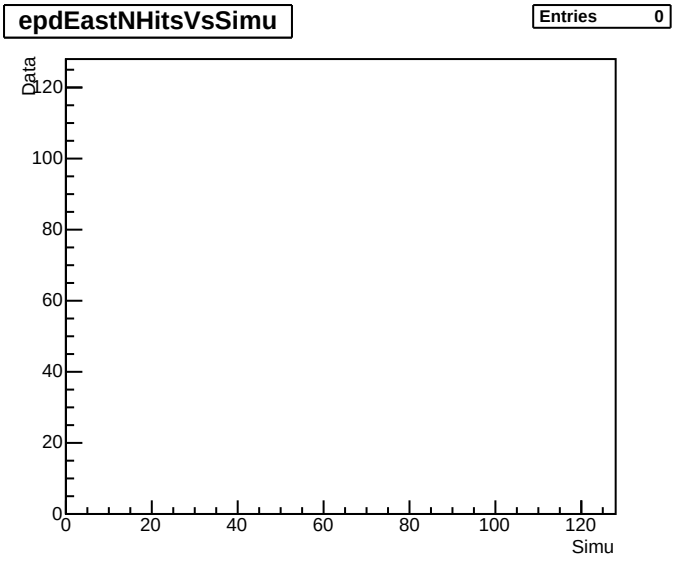
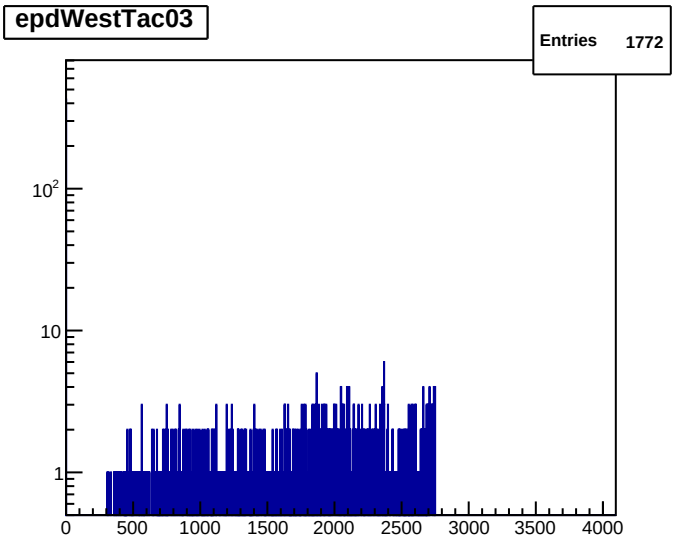
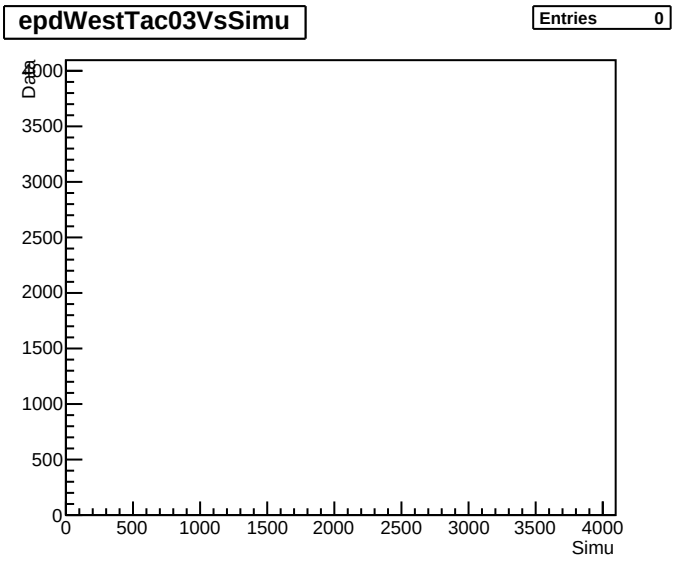
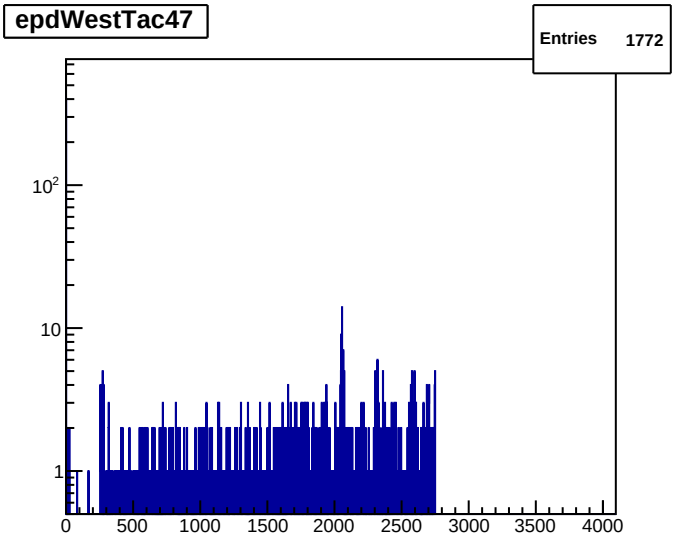
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

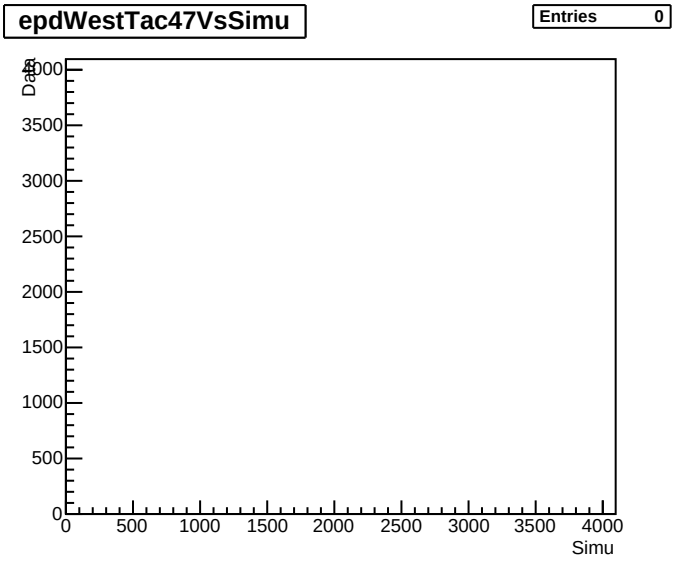

epdEastNHits
Entries 1772
10^2
10
1
0 20 40 60 80 100 120

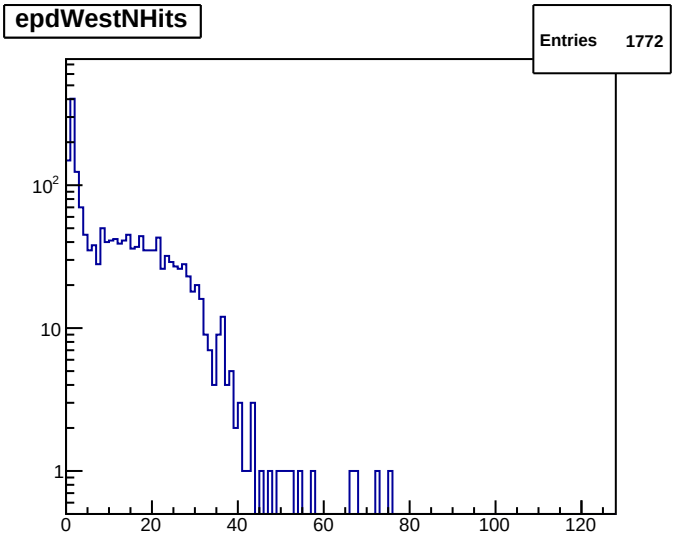

epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

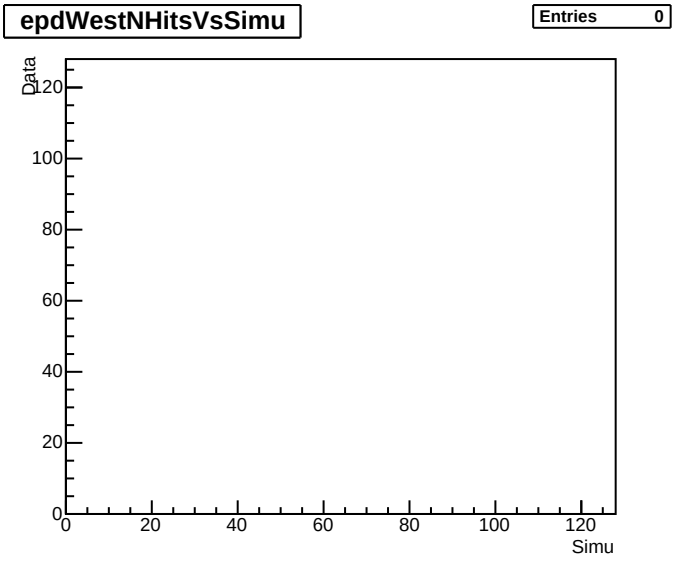

epdWestTac03
Entries 1772
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

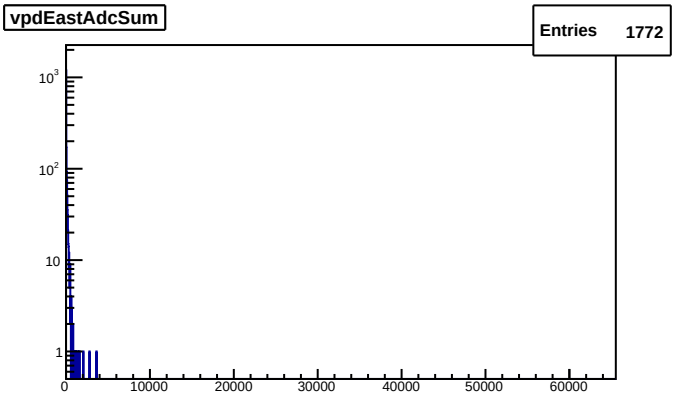

epdWestTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

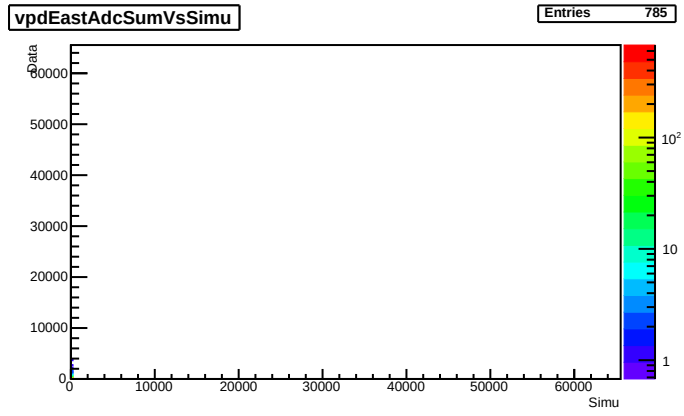

epdWestTac47
Entries 1772
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

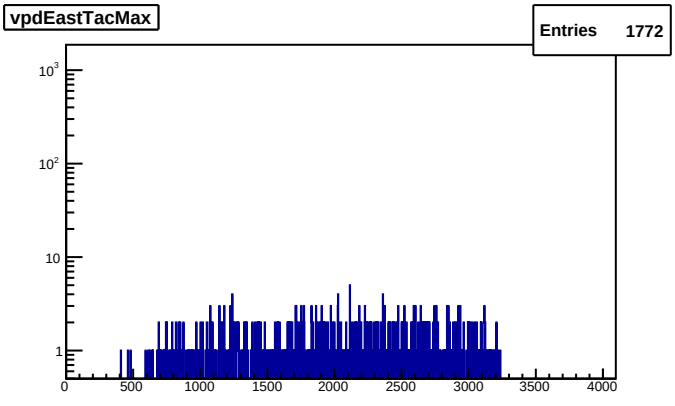

epdWestTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

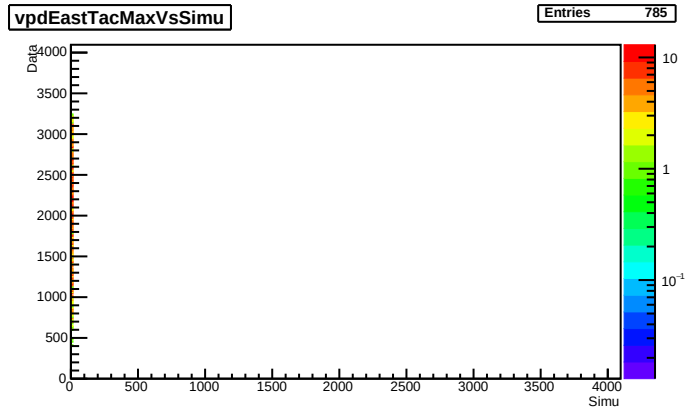

epdWestNHits
Entries 1772
10^2
10
1
0 20 40 60 80 100 120

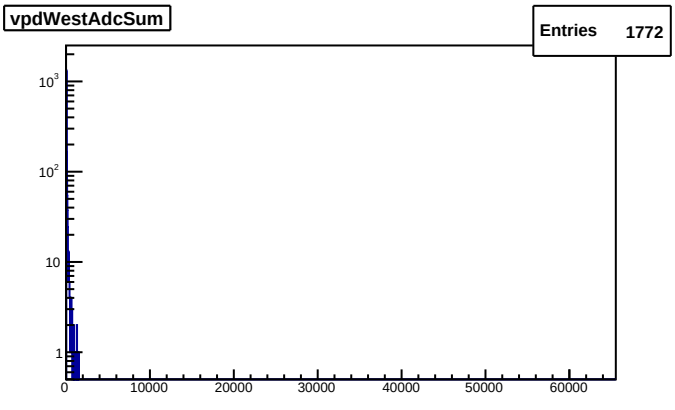

epdWestNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

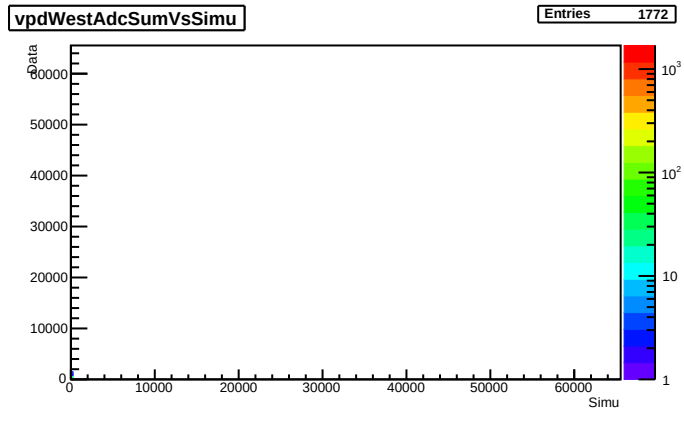

vpdEastAdcSum
Entries 1772

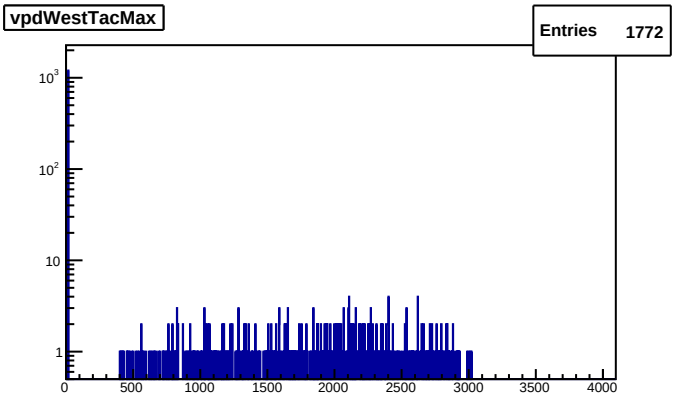

vpdEastAdcSumVsSimu
Entries 785
Data
Simu

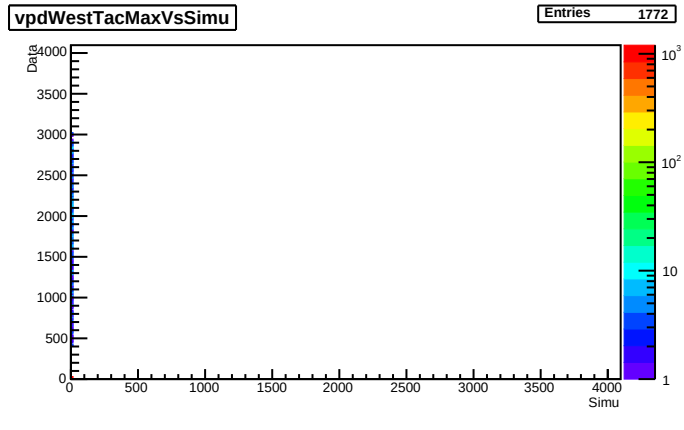

vpdEastTacMax
Entries 1772

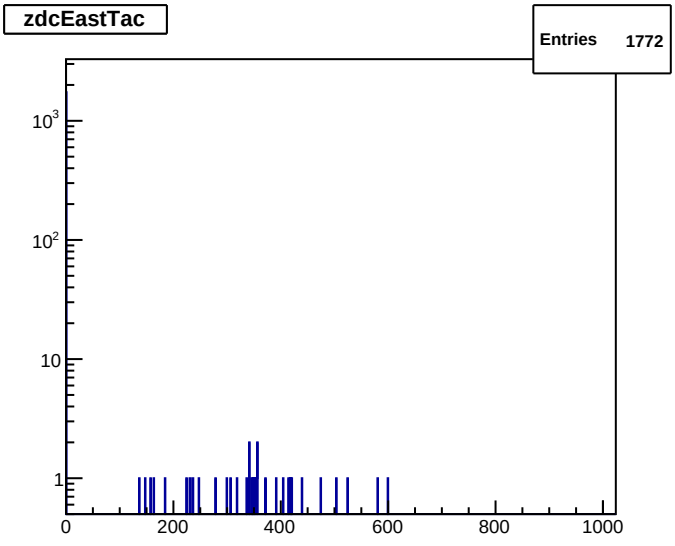

vpdEastTacMaxVsSimu
Entries 785
Data
Simu

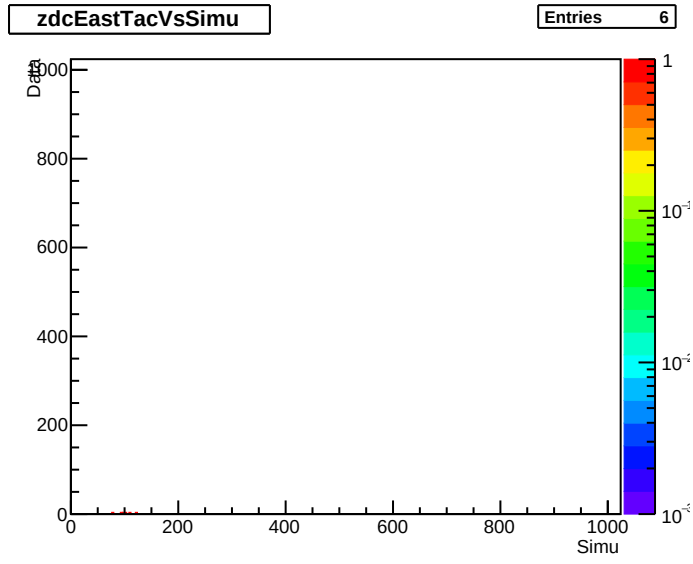

vpdWestAdcSum
Entries 1772

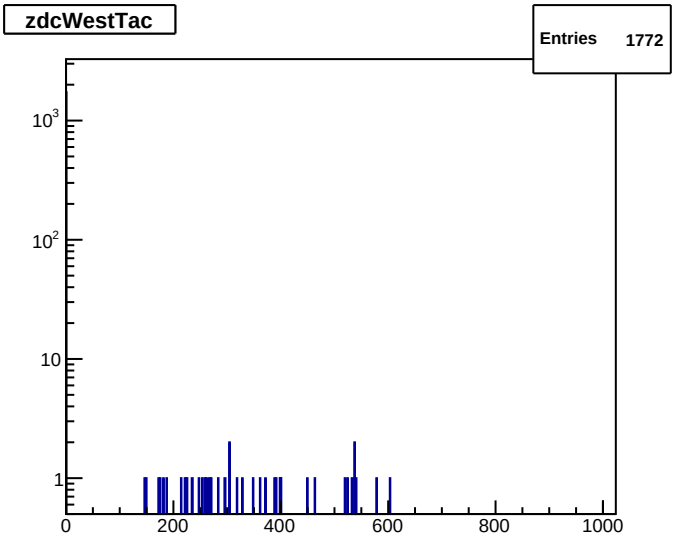

vpdWestAdcSumVsSimu
Entries 1772
Data
Simu

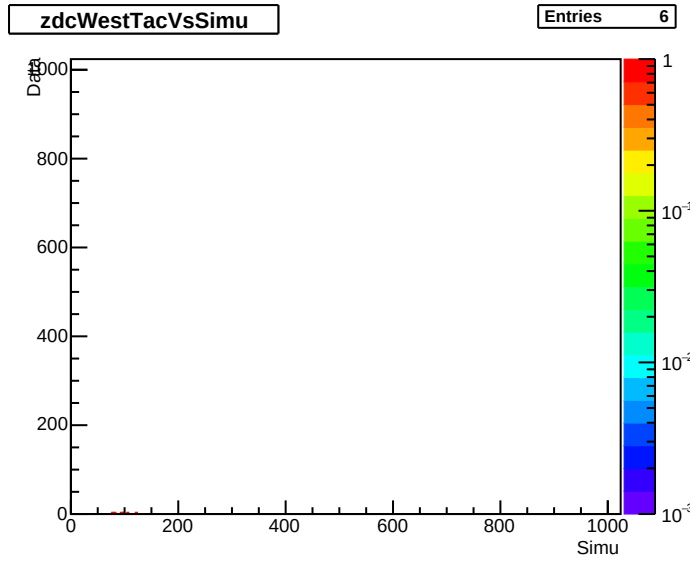

vpdWestTacMax
Entries 1772

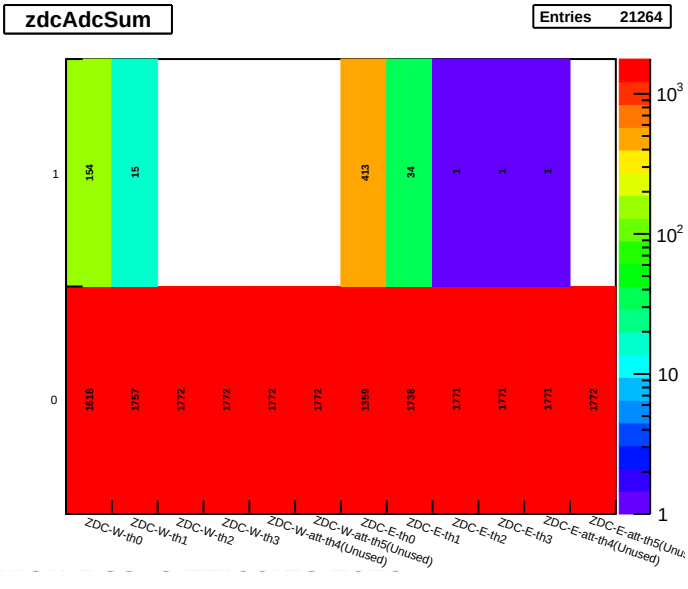

vpdWestTacMaxVsSimu
Entries 1772
Data
Simu

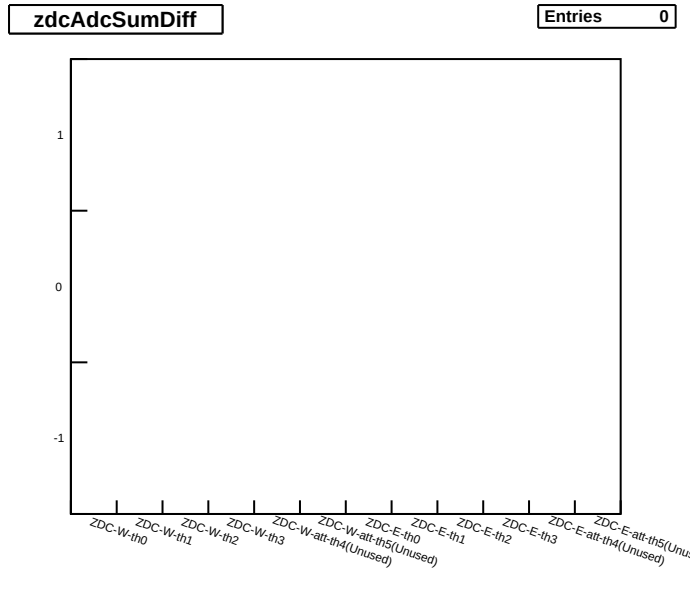

zdcEastTac
Entries 1772

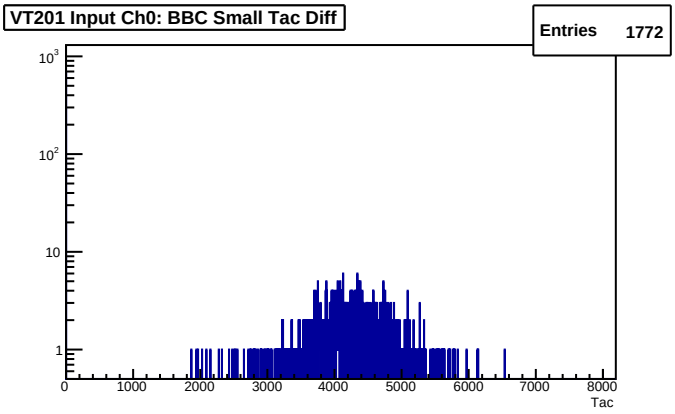

zdcEastTacVsSimu
Entries 6
Data
Simu

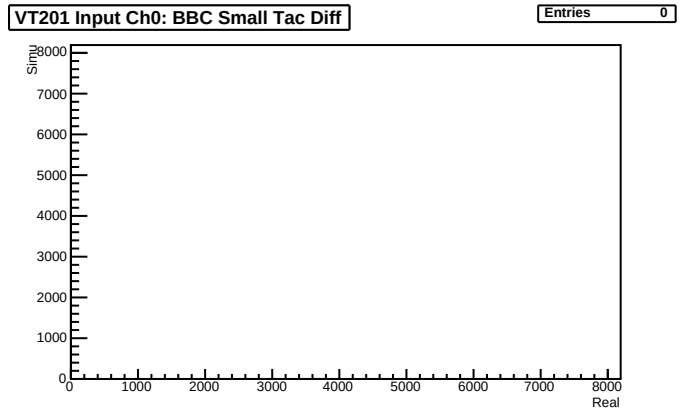

zdcWestTac
Entries 1772

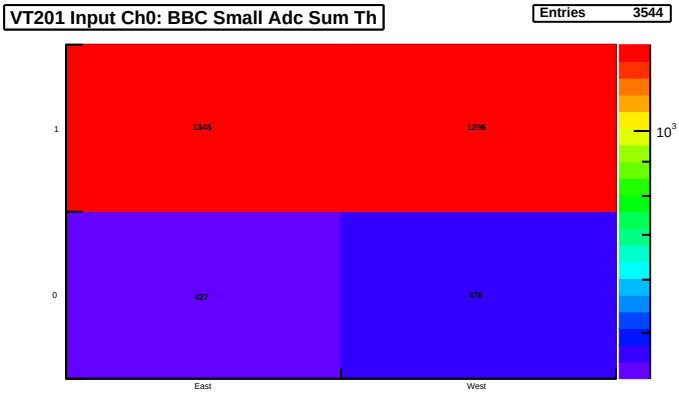

zdcWestTacVsSimu
Entries 6
Data
Simu

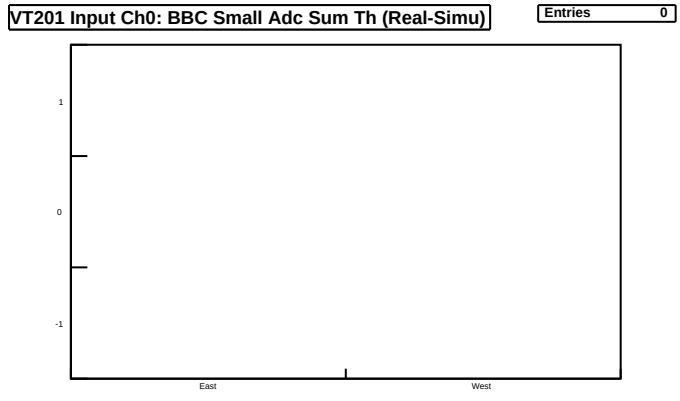

zdcAdcSum
Entries 21264
154
15
413
34
1
1
1
1618
1757
1772
1772
1772
1772
1359
1738
1771
1771
1771
1772
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

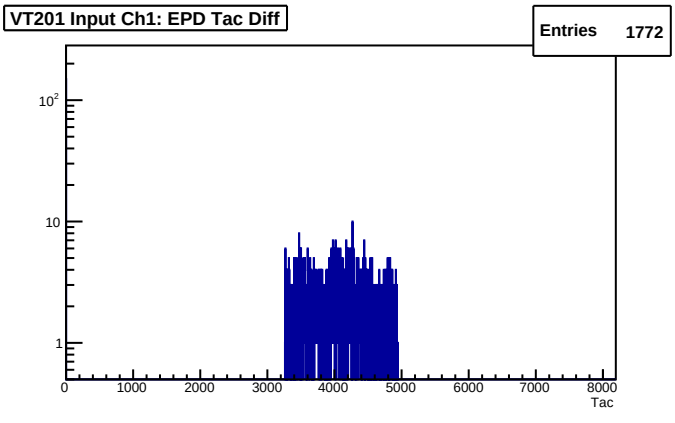

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

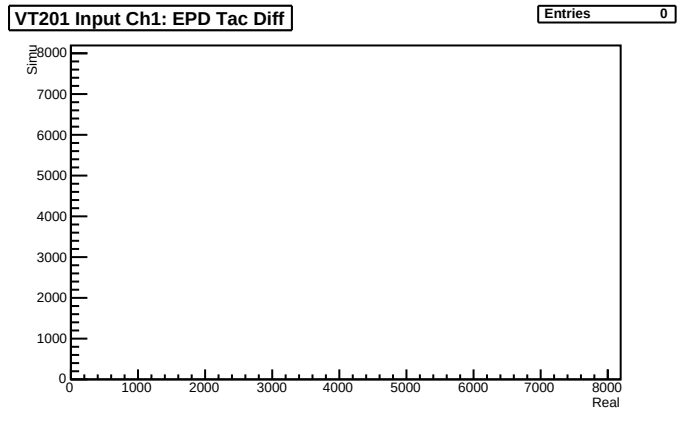

VT201 Input Ch0: BBC Small Tac Diff
Entries 1772
Tac

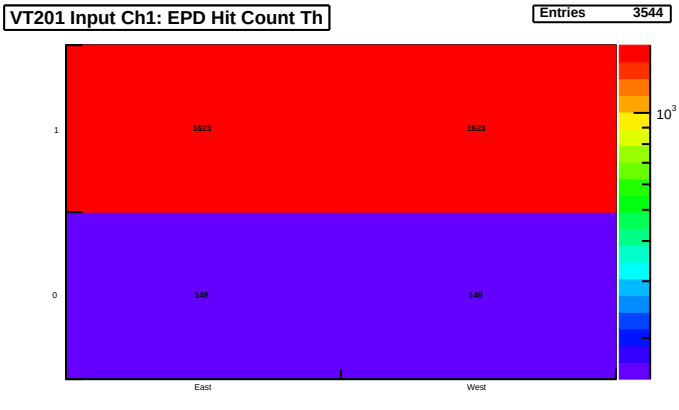

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

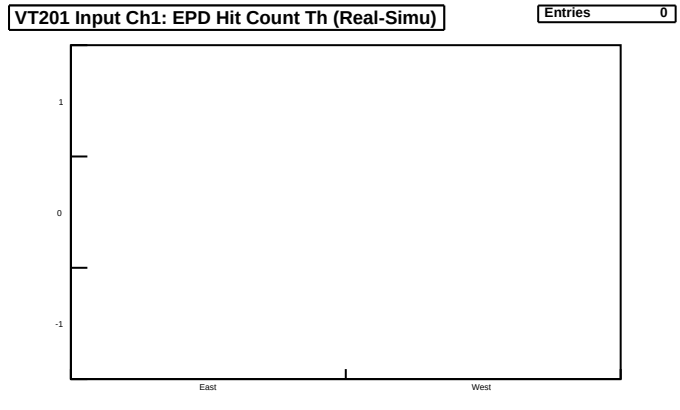

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3544
1345
1296
427
476
East
West

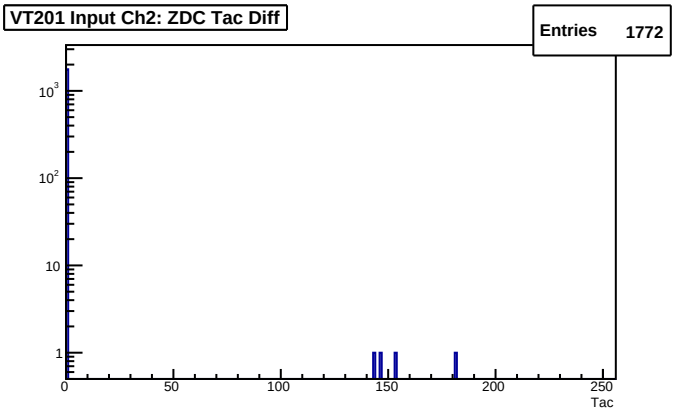

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

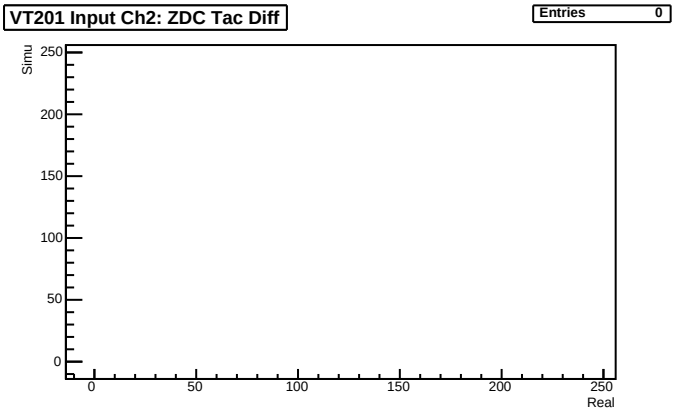

VT201 Input Ch1: EPD Tac Diff
Entries 1772
Tac

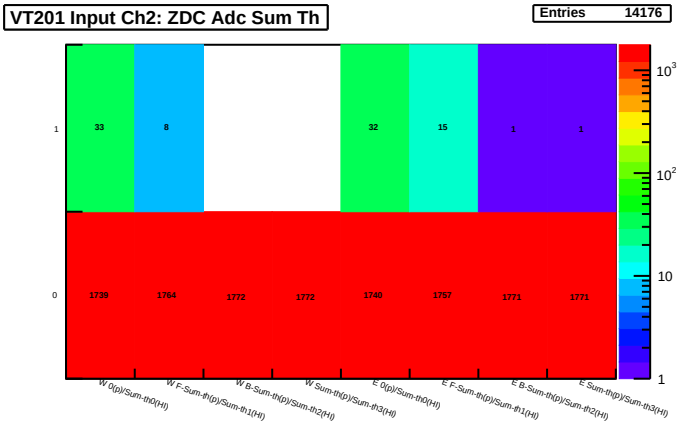

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

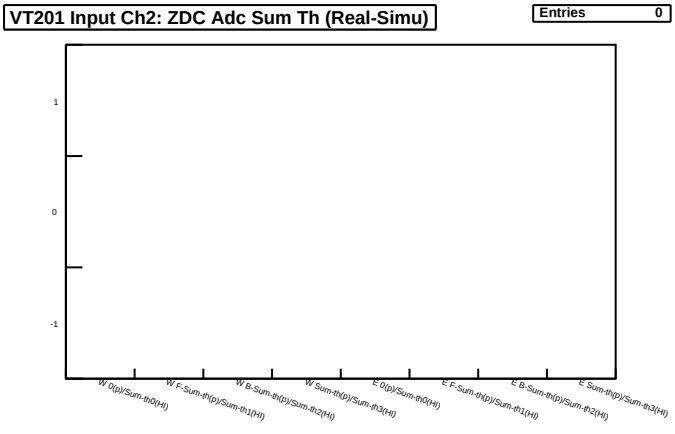

VT201 Input Ch1: EPD Hit Count Th
Entries 3544
1623
1623
149
149
East
West

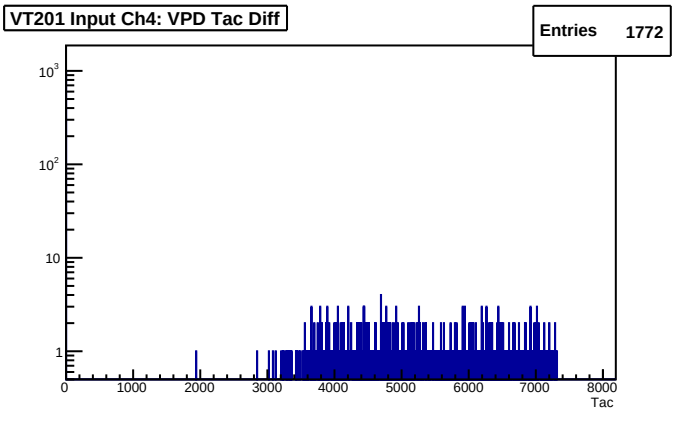

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

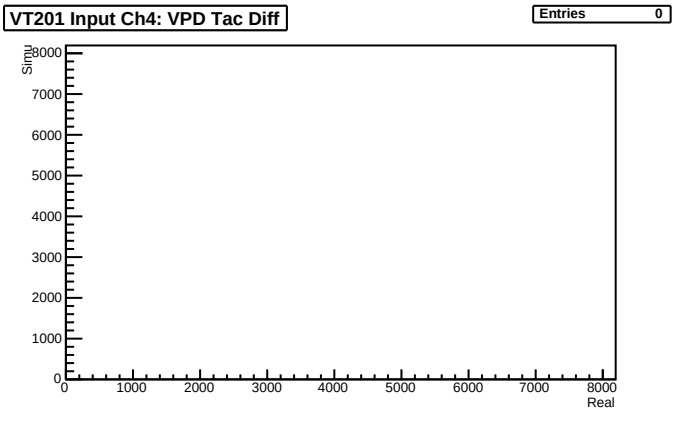

VT201 Input Ch2: ZDC Tac Diff
Entries 1772
Tac

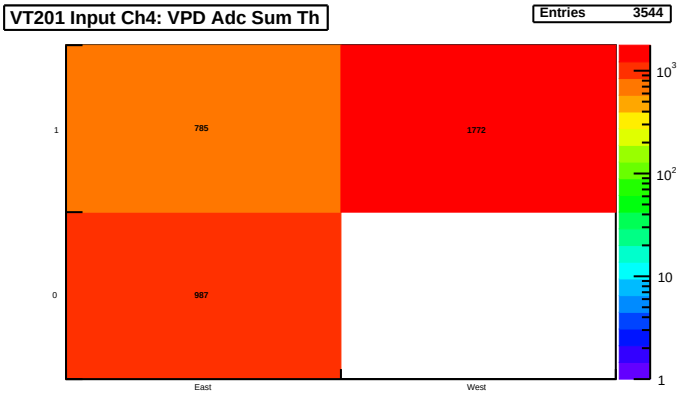

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

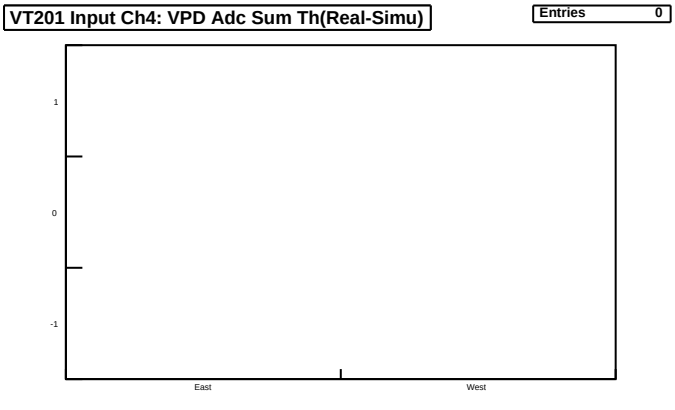

VT201 Input Ch2: ZDC Adc Sum Th
Entries 14176
33
8
32
15
1
1
1739
1764
1772
1772
1740
1757
1771
1771
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

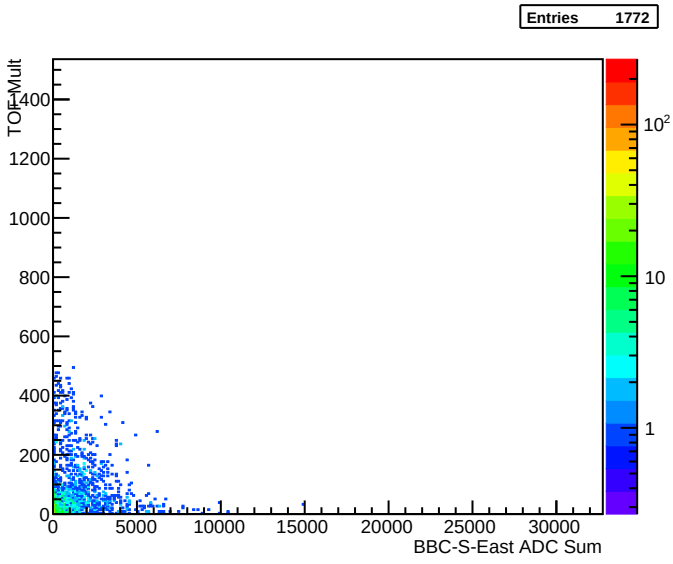

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

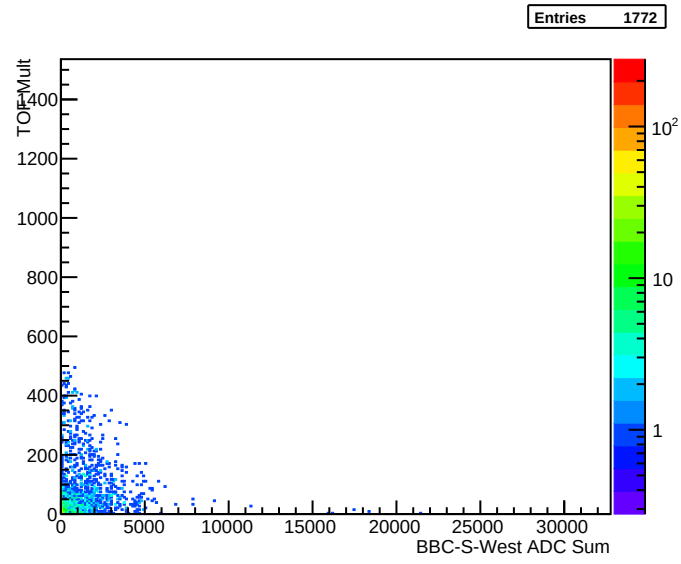

VT201 Input Ch4: VPD Tac Diff
Entries 1772
Tac

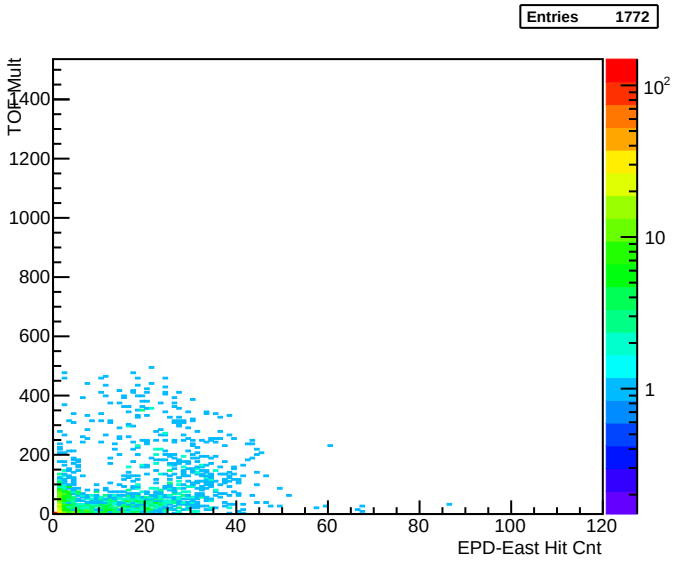

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

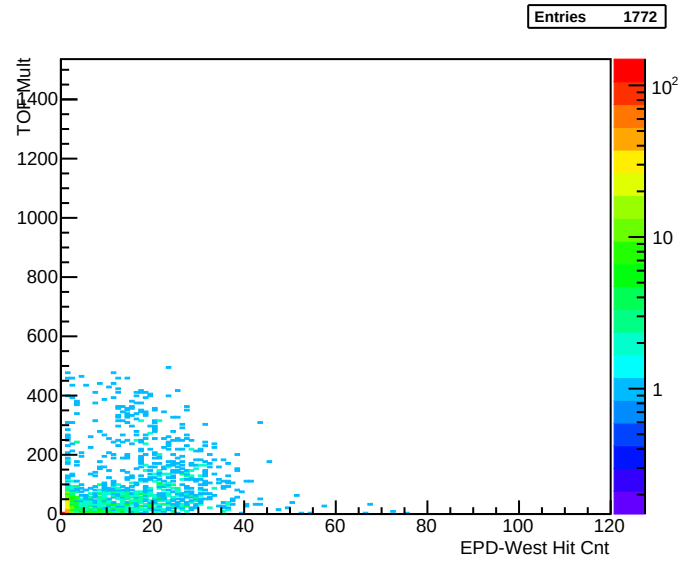

VT201 Input Ch4: VPD Adc Sum Th
Entries 3544
785
1772
987
East
West

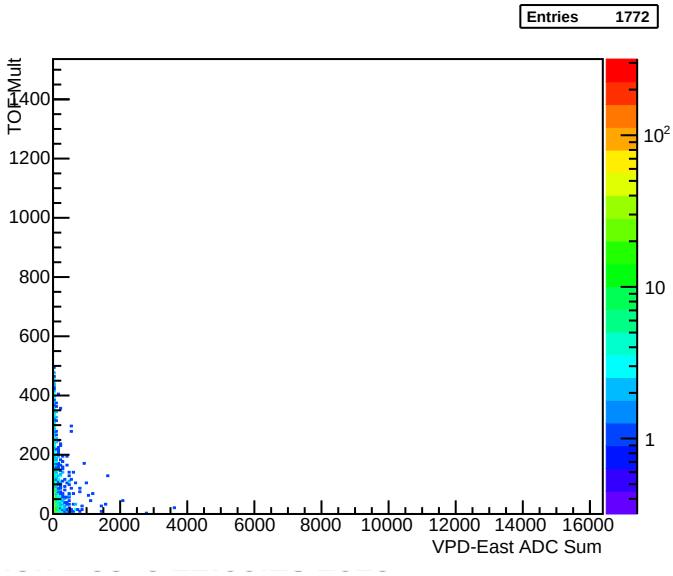

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

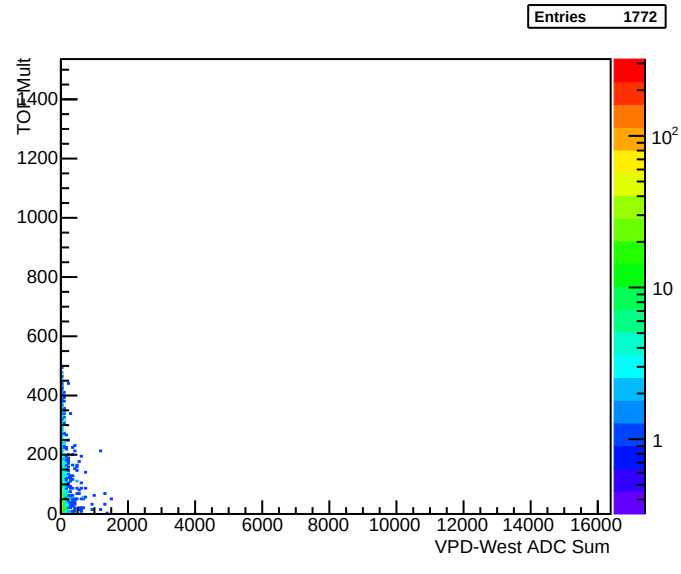

Entries 1772
TOF-Mult
BBC-S-East ADC Sum

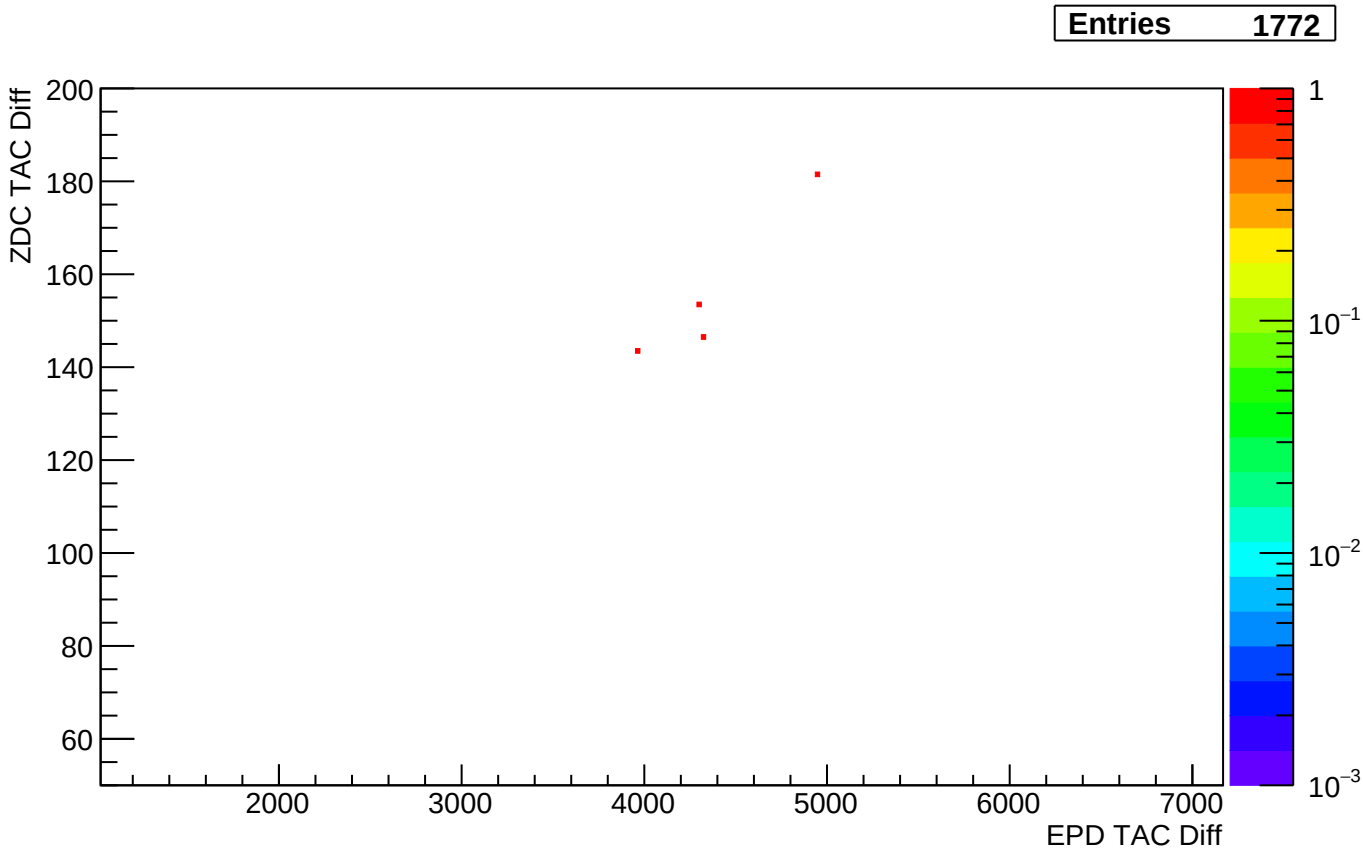

Entries 1772
TOF-Mult
BBC-S-West ADC Sum

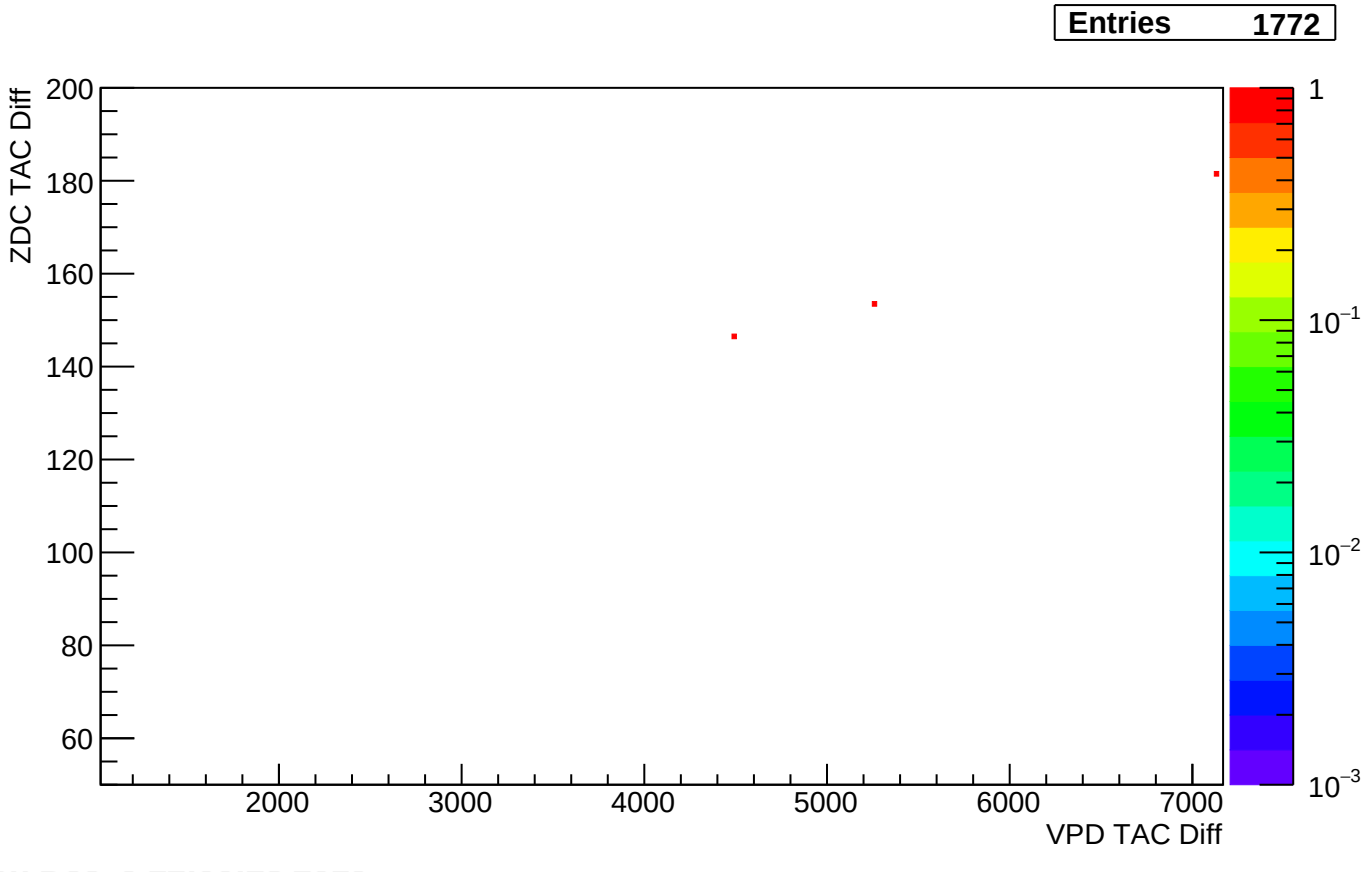

Entries 1772
TOF-Mult
EPD-East Hit Cnt

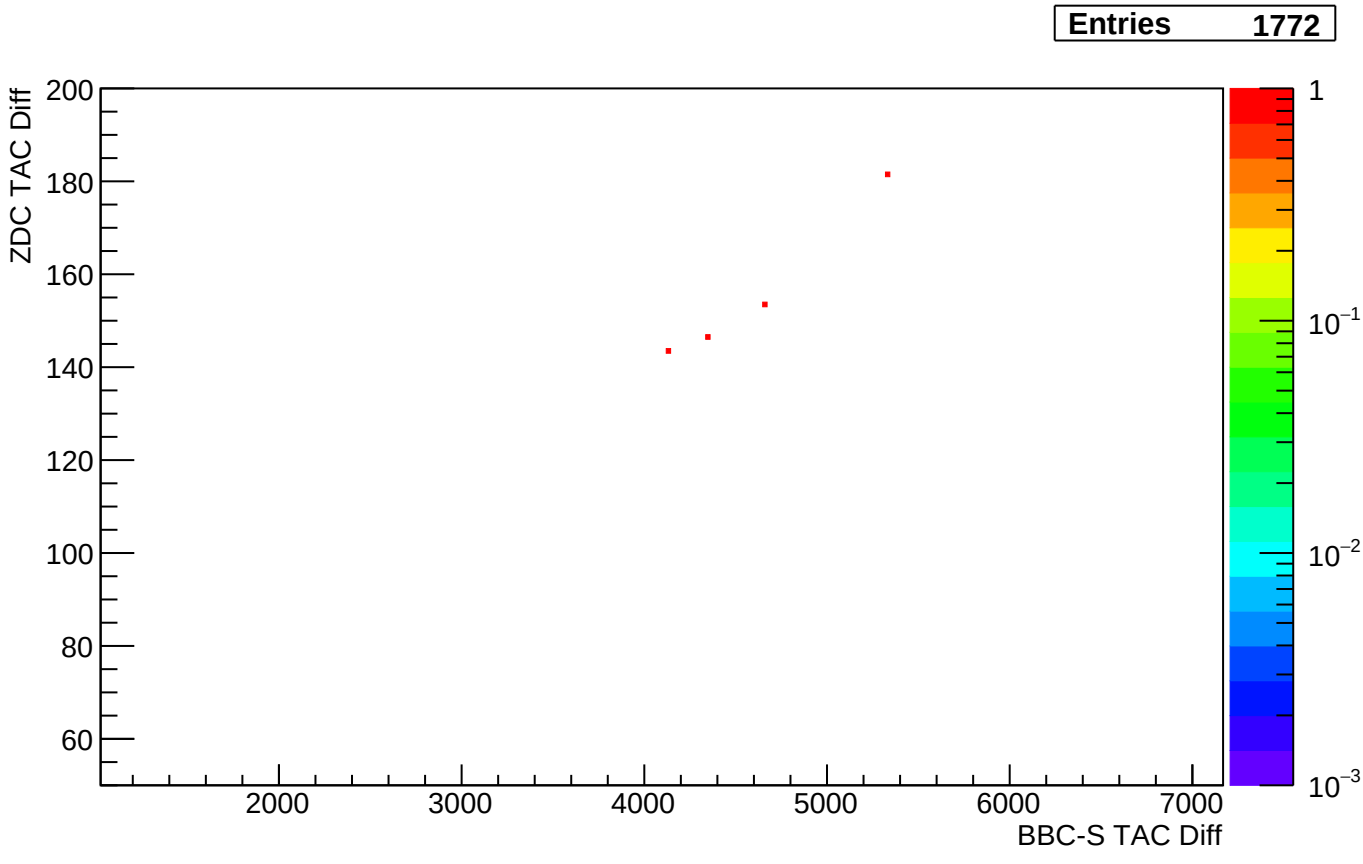

Entries 1772
TOF-Mult
EPD-West Hit Cnt

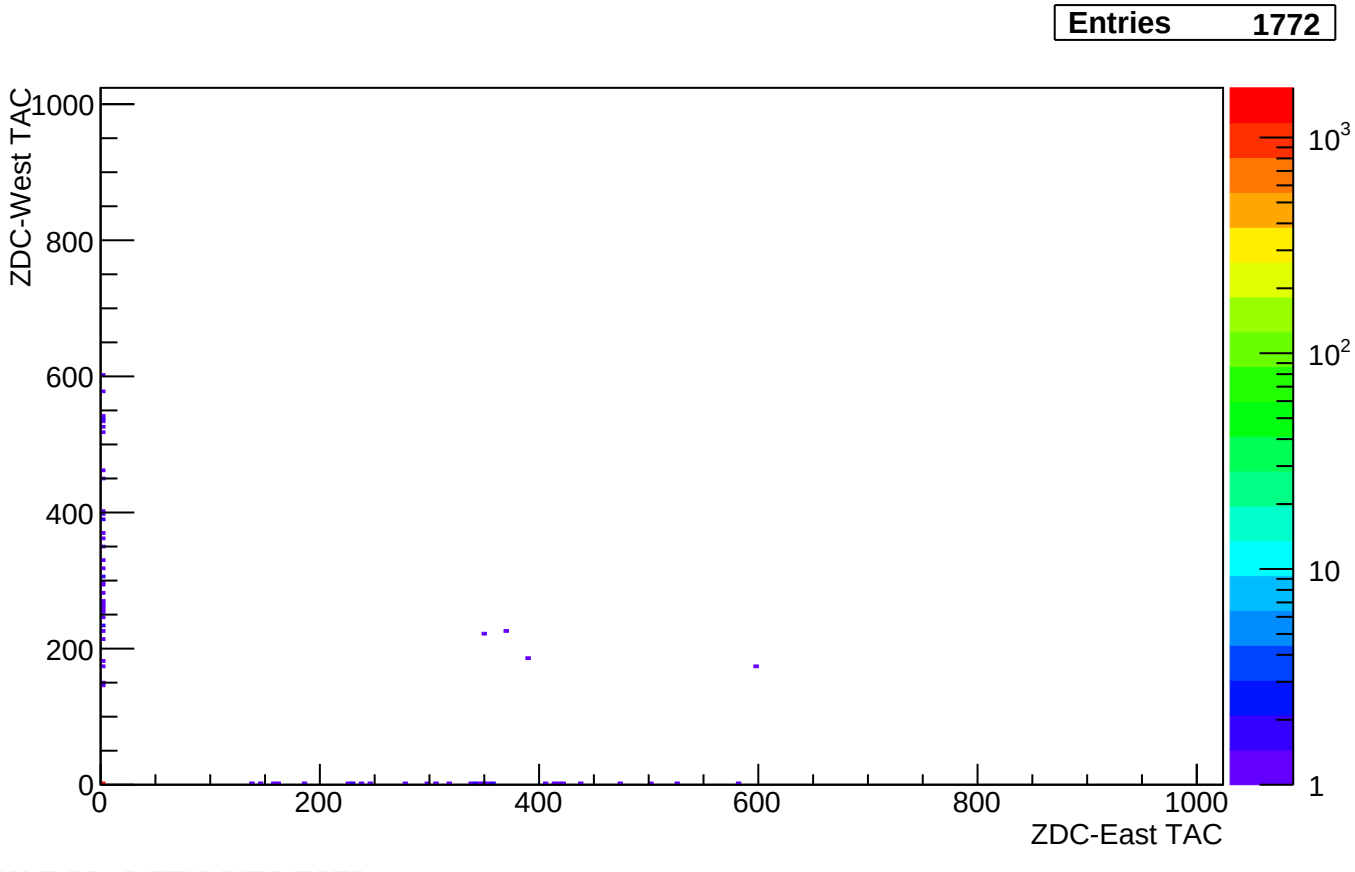

Entries 1772
TOF-Mult
VPD-East ADC Sum

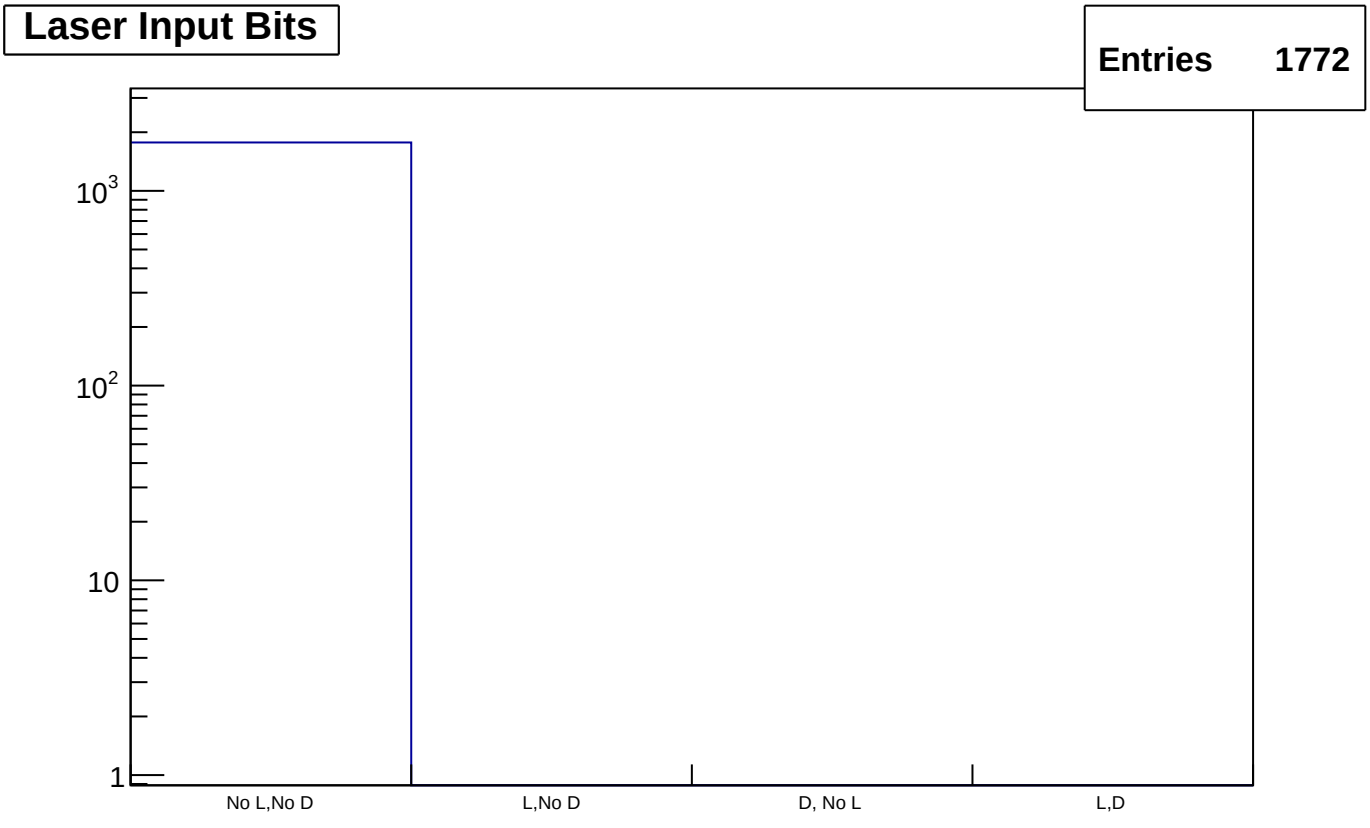

Entries 1772
TOF-Mult
VPD-West ADC Sum

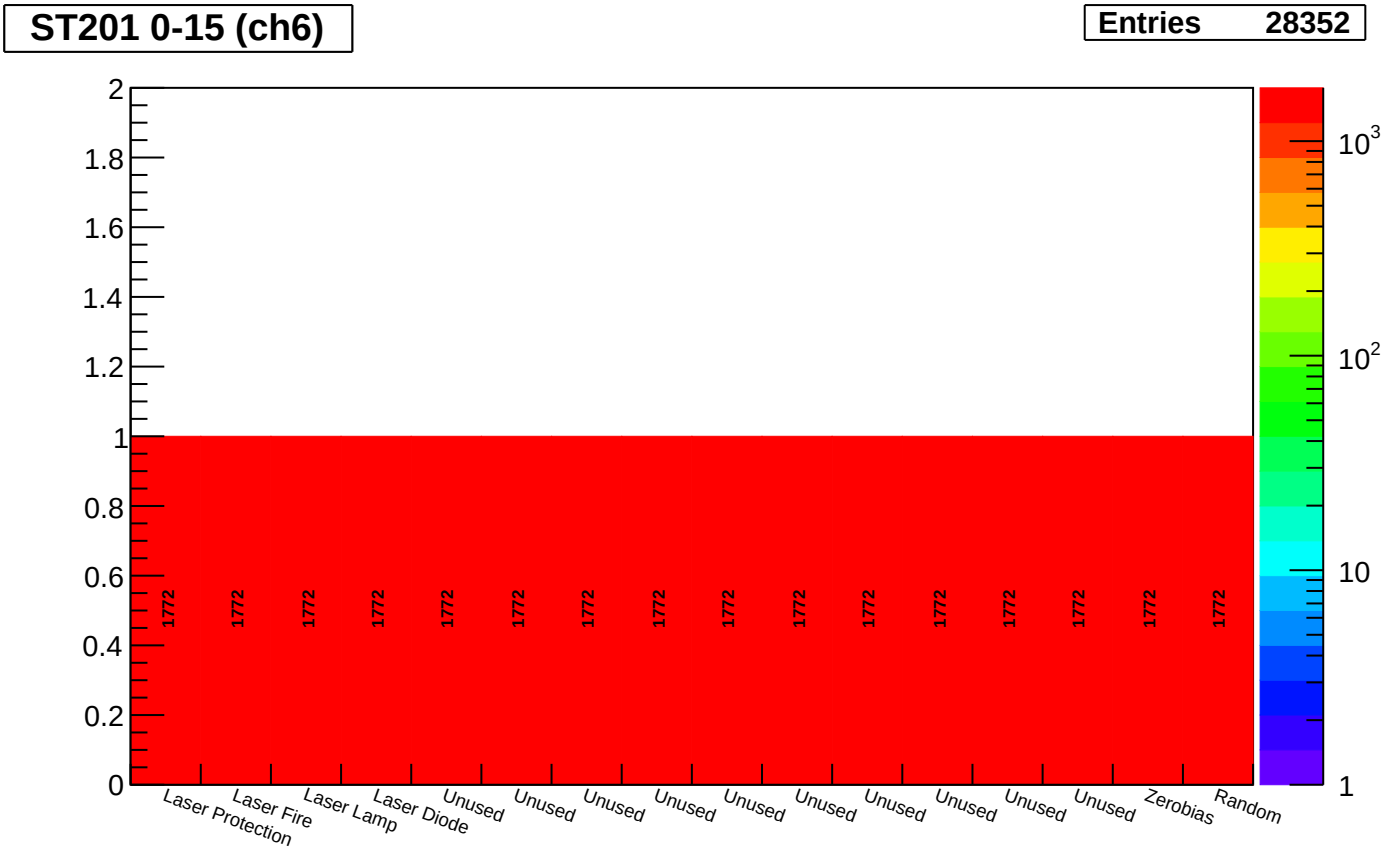

Entries 1772
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

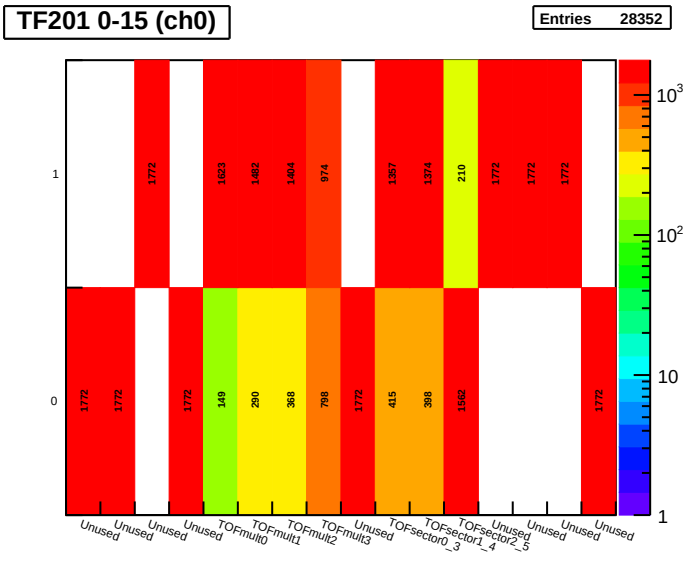

Entries 1772
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

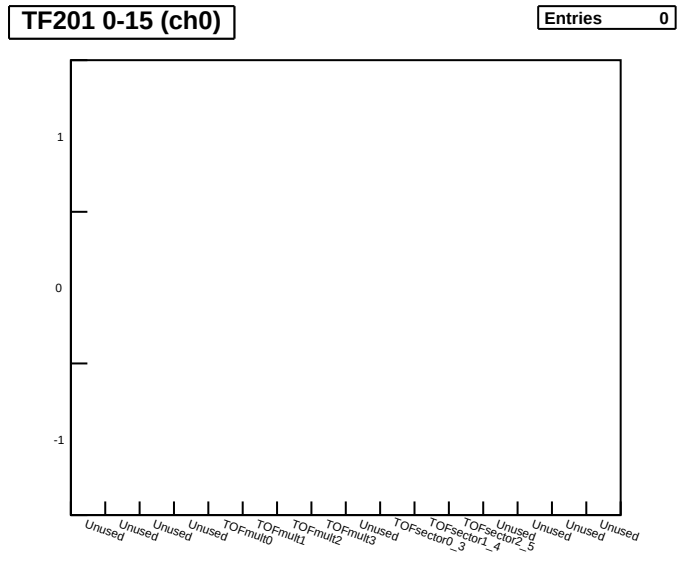

Entries 1772
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

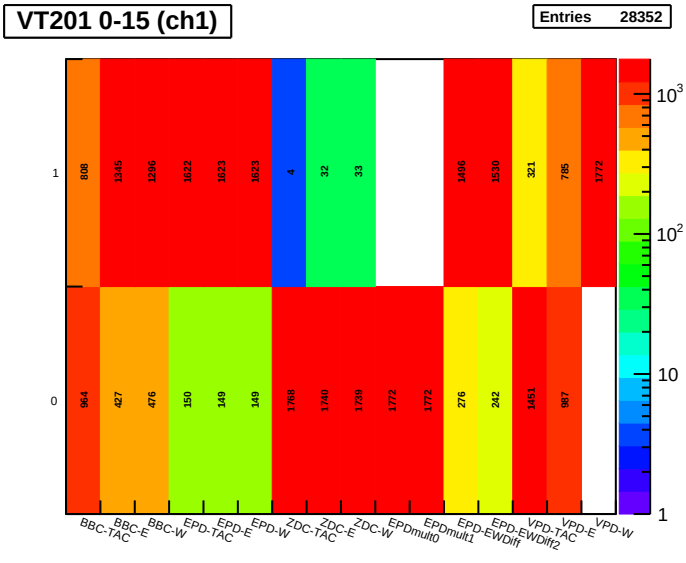

Entries 1772
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^{3}
10^{2}
10
1

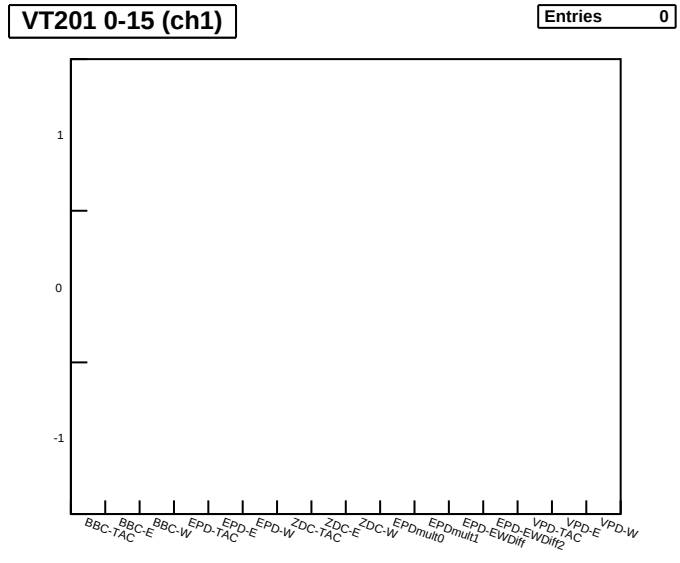

Laser Input Bits
Entries 1772
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

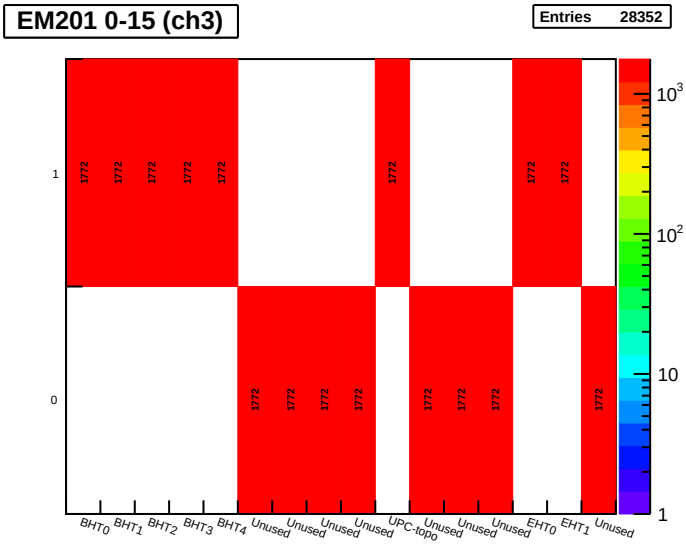

ST201 0-15 (ch6)
Entries 28352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1772
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1

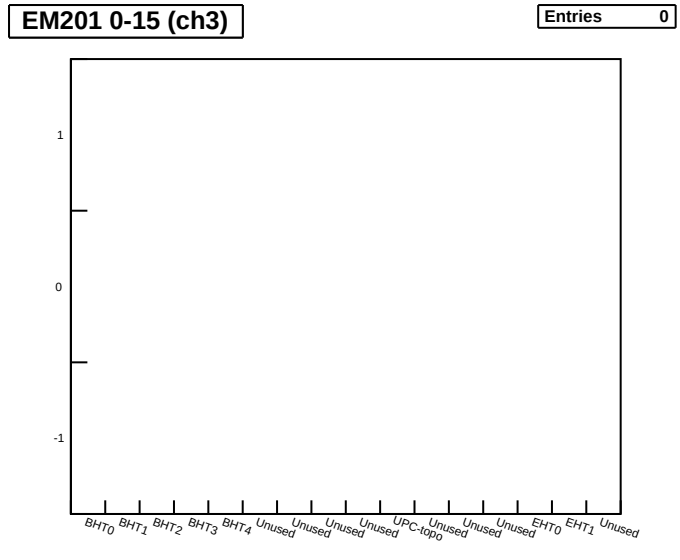

TF201 0-15 (ch0)
Entries 28352
1
0
1772 1623 1482 1404 974 1357 1374 210 1772 1772 1772
1772 1772 1772 149 290 368 798 1772 415 388 1562 1772
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^3
10^2
10
1


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 28352
1
0
808 1345 1296 1622 1623 1623 4 32 33 1496 1530 321 785 1772
964 427 476 150 149 149 1768 1740 1739 1772 1772 276 242 1451 987
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 28352
1
0
1772 1772 1772 1772 1772 1772 1772 1772
1772 1772 1772 1772 1772 1772 1772 1772
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