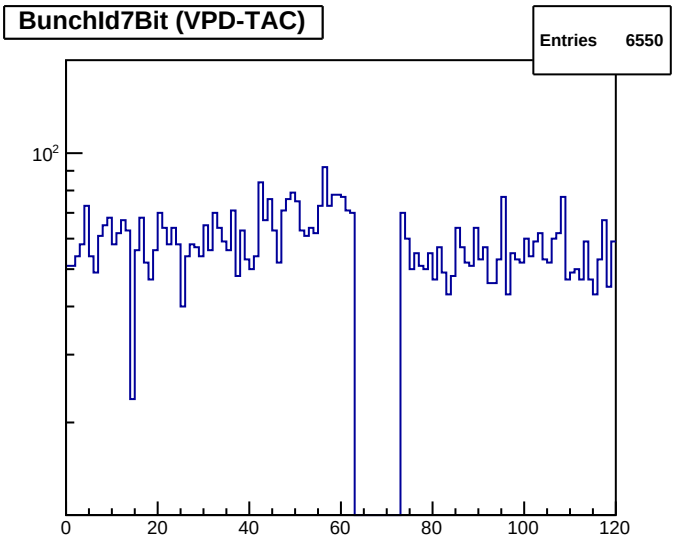
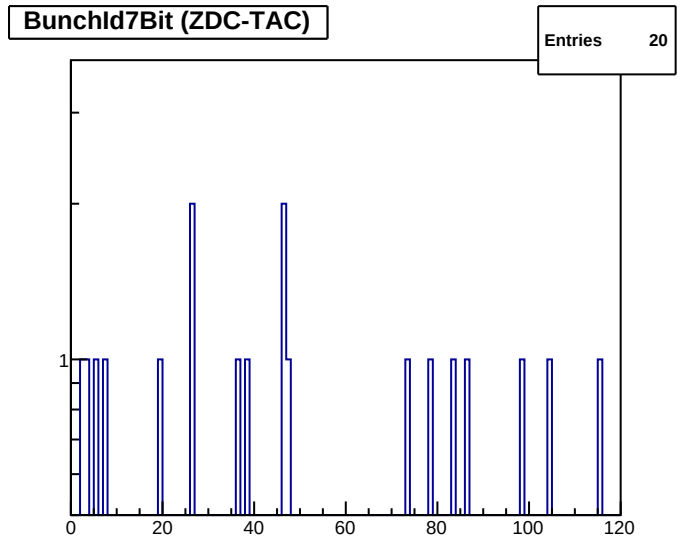
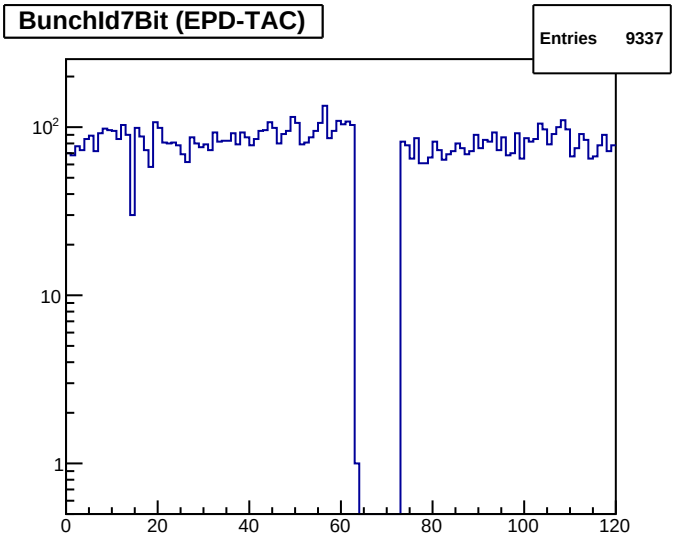
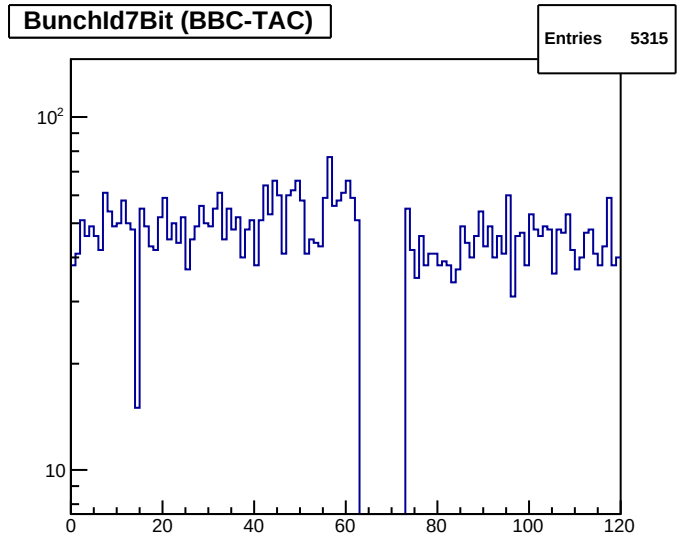
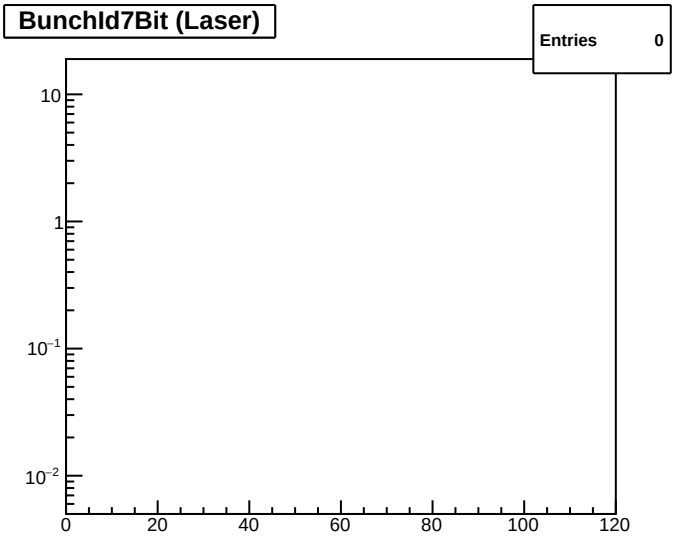
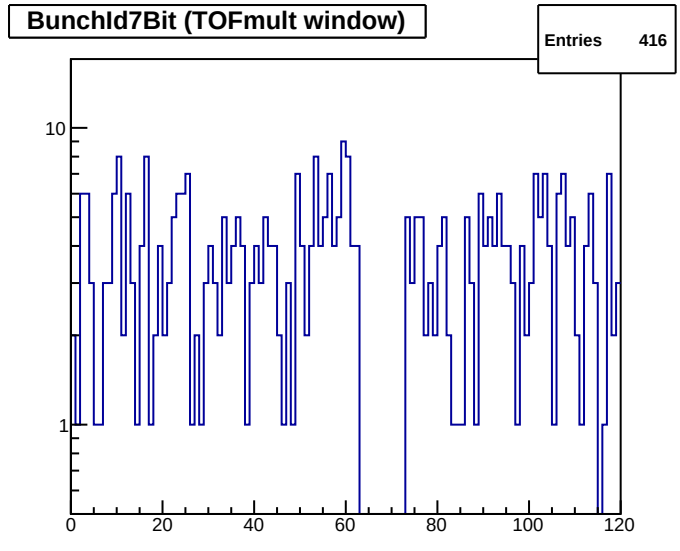

BunchId7Bit (VPD-TAC)
Entries 6550
10^2
0 20 40 60 80 100 120

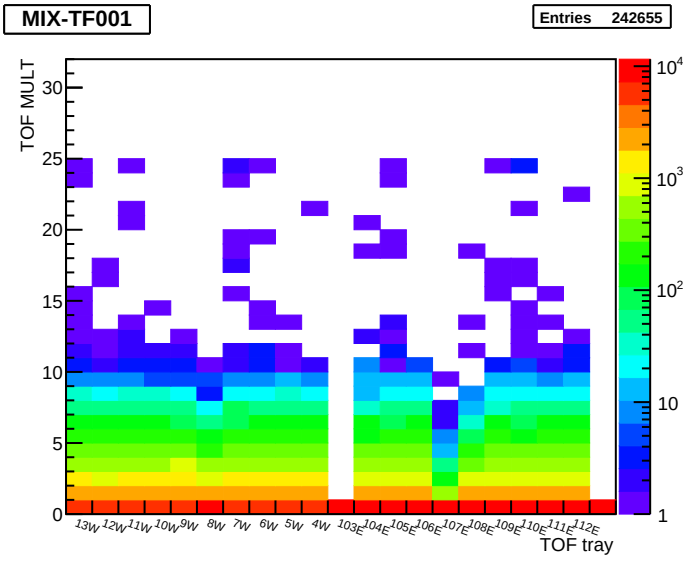

BunchId7Bit (ZDC-TAC)
Entries 20
1
0 20 40 60 80 100 120

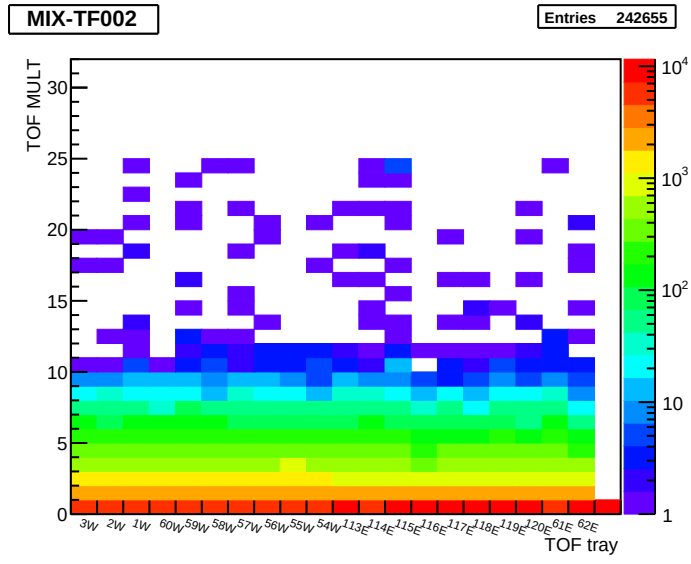

BunchId7Bit (EPD-TAC)
Entries 9337
10^2
10
1
0 20 40 60 80 100 120

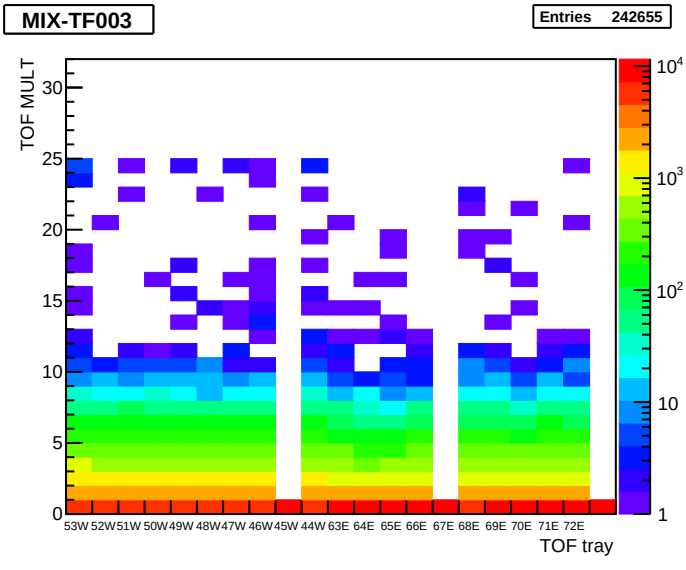

BunchId7Bit (BBC-TAC)
Entries 5315
10^2
10
0 20 40 60 80 100 120

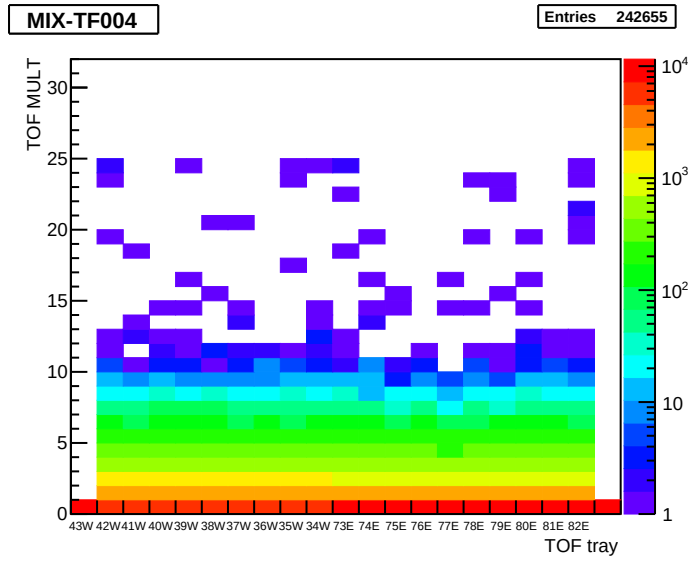

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

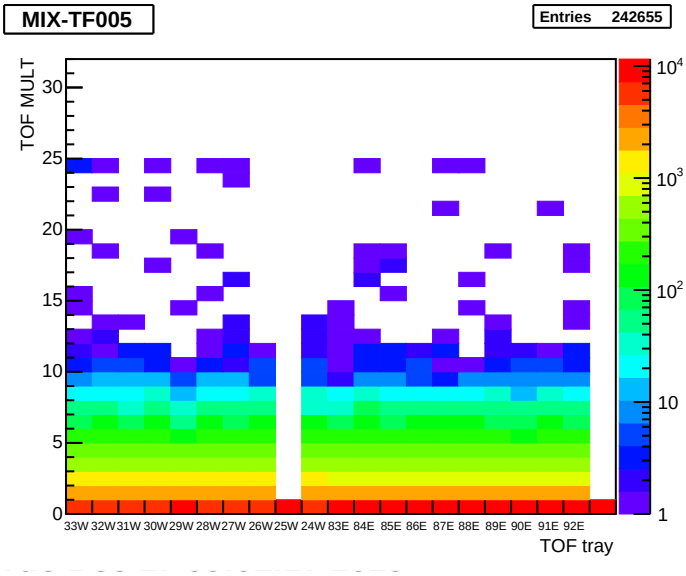

BunchId7Bit (TOFmult window)
Entries 416
10
1
0 20 40 60 80 100 120

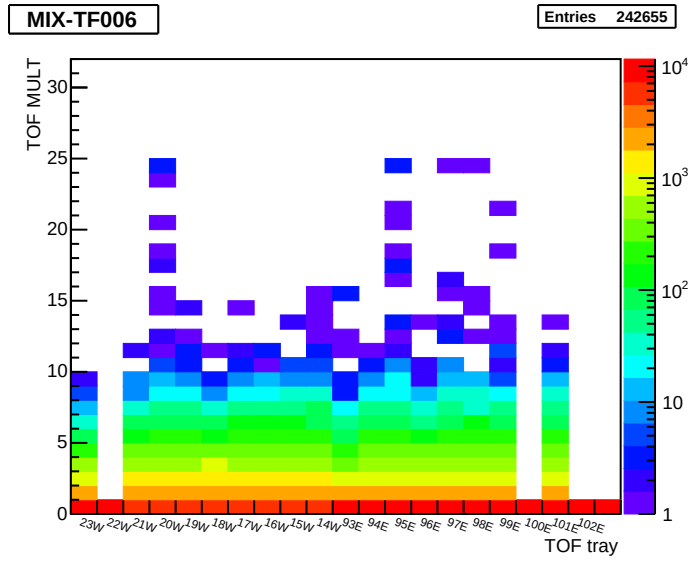

MIX-TF001
Entries 242655
TOF MULT
TOF tray

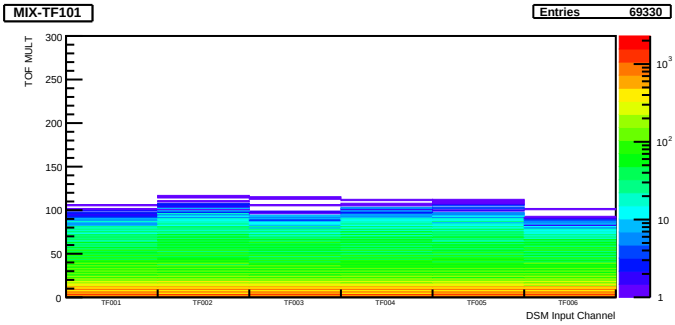

MIX-TF002
Entries 242655
TOF MULT
TOF tray

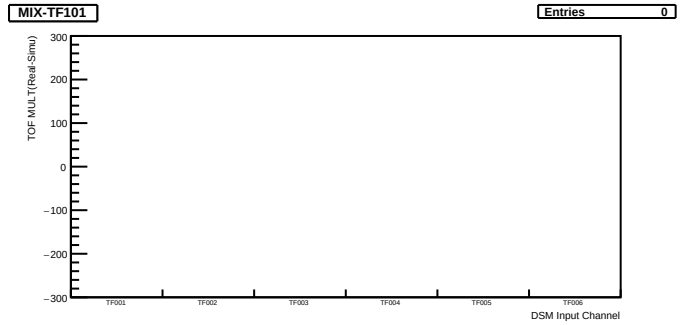

MIX-TF003
Entries 242655
TOF MULT
TOF tray

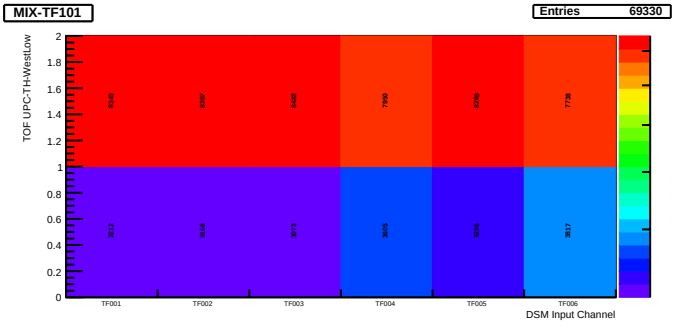

MIX-TF004
Entries 242655
TOF MULT
TOF tray

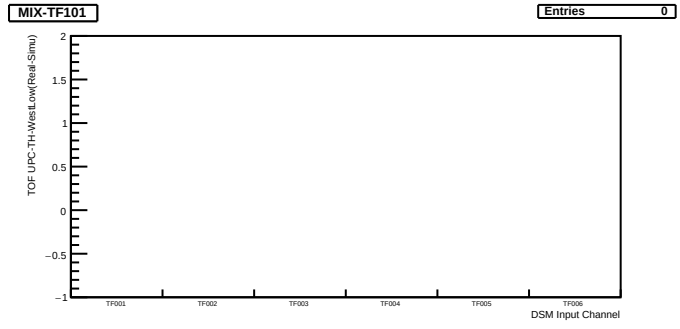

MIX-TF005
Entries 242655
TOF MULT
TOF tray

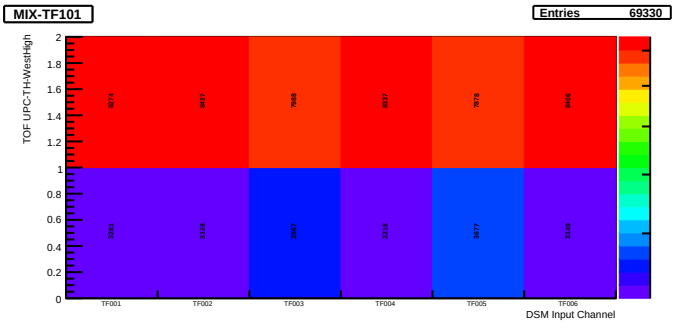

MIX-TF006
Entries 242655
TOF MULT
TOF tray

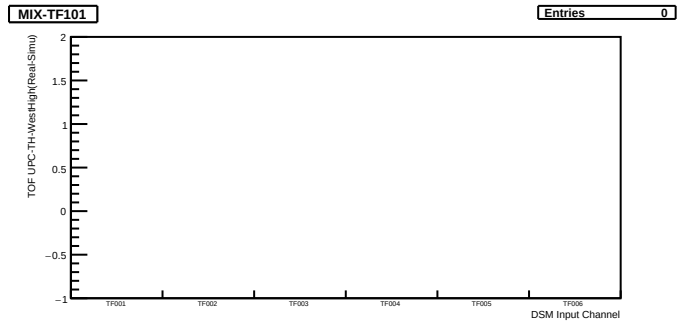

MIX-TF101
Entries 69330
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

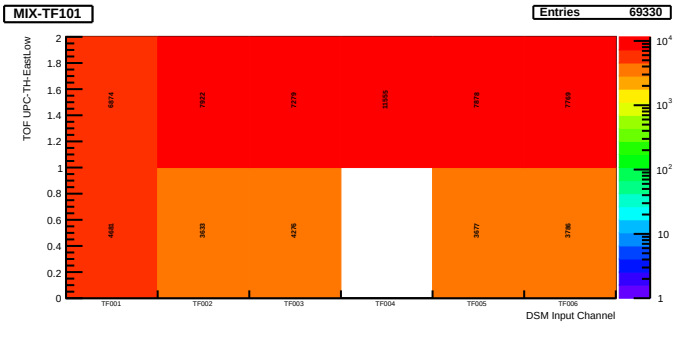

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

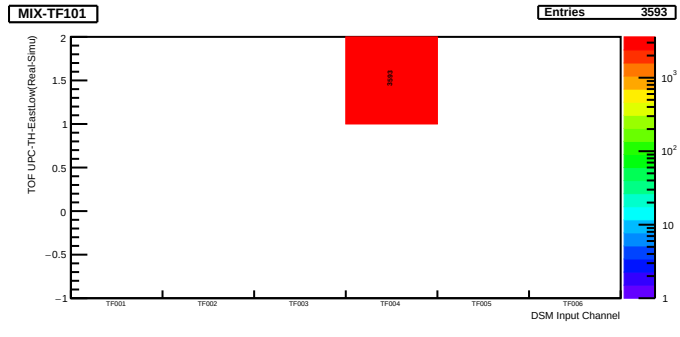

MIX-TF101
Entries 69330
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

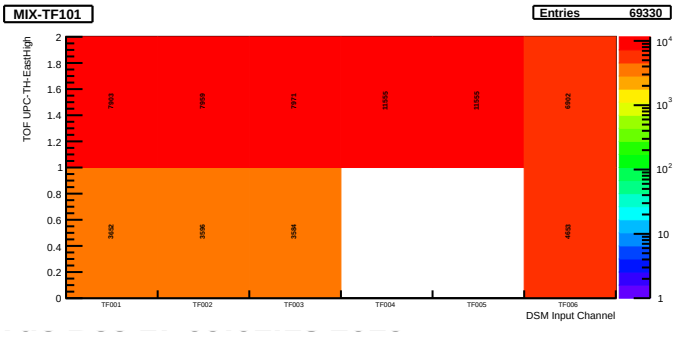

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

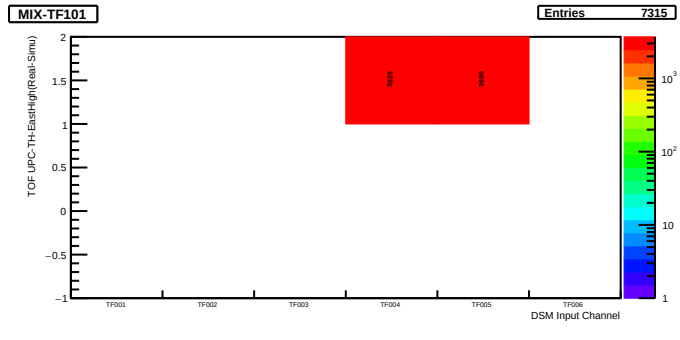

MIX-TF101
Entries 69330
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

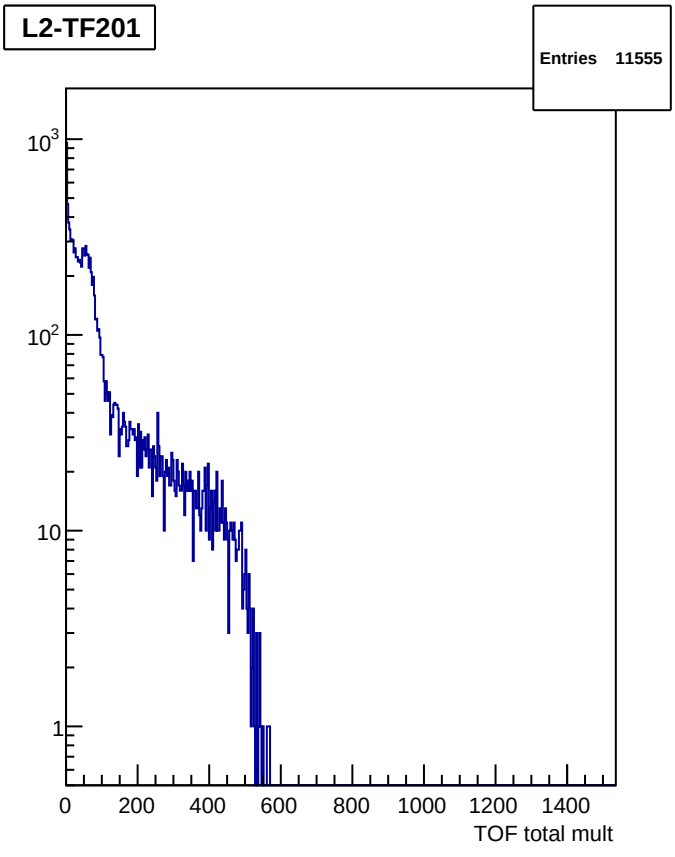

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

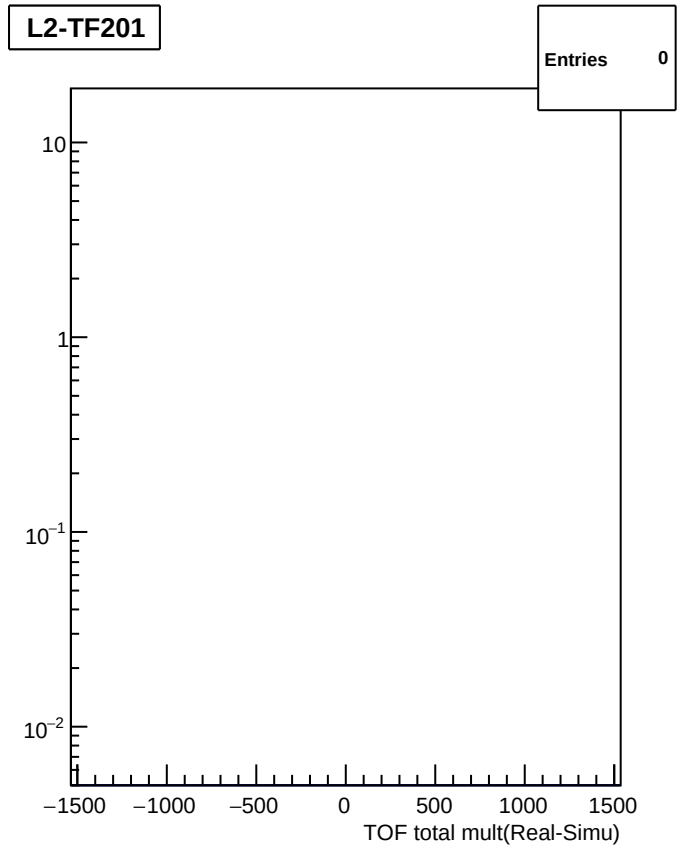

MIX-TF101
Entries 69330
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

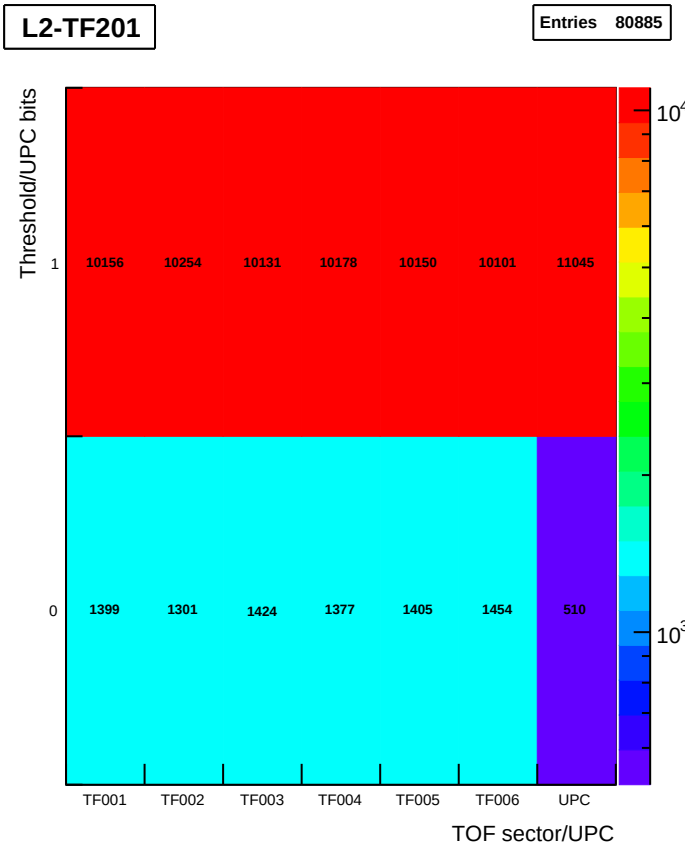

MIX-TF101
Entries 3593
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

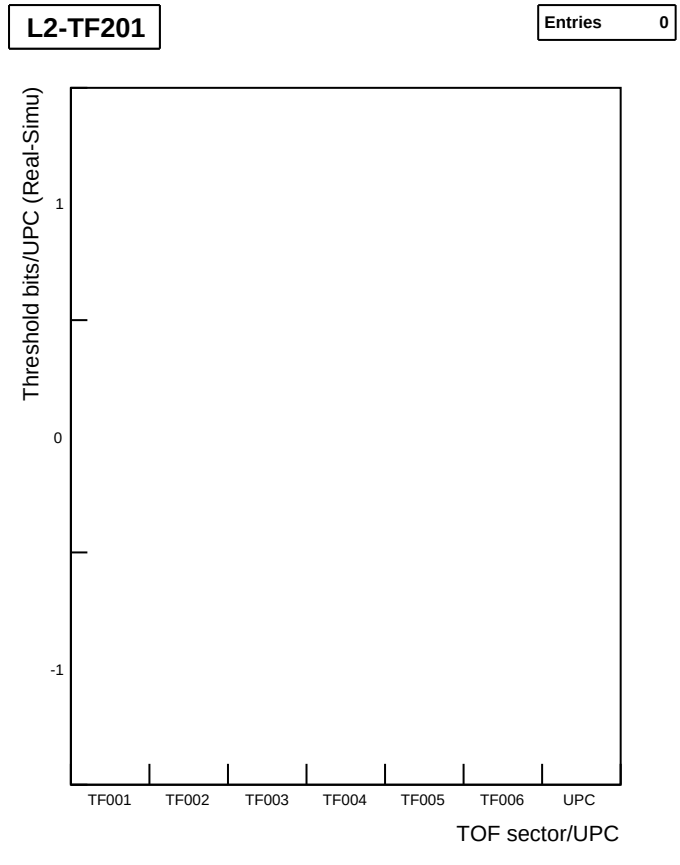

MIX-TF101
Entries 69330
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

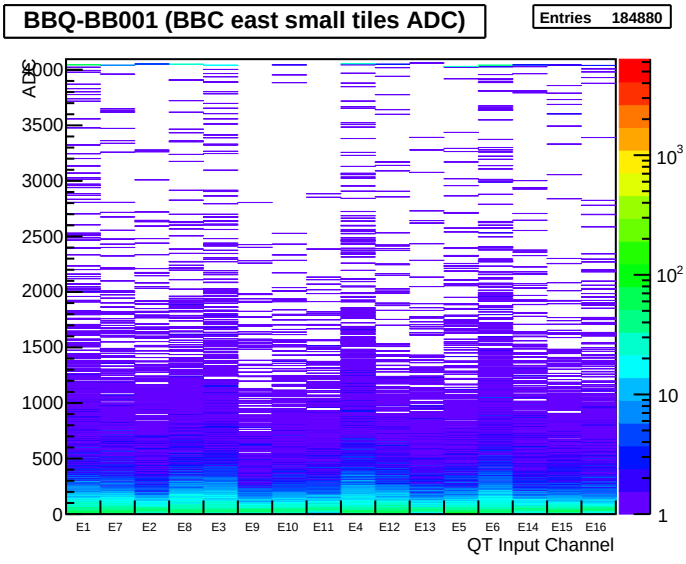

MIX-TF101
Entries 7315
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

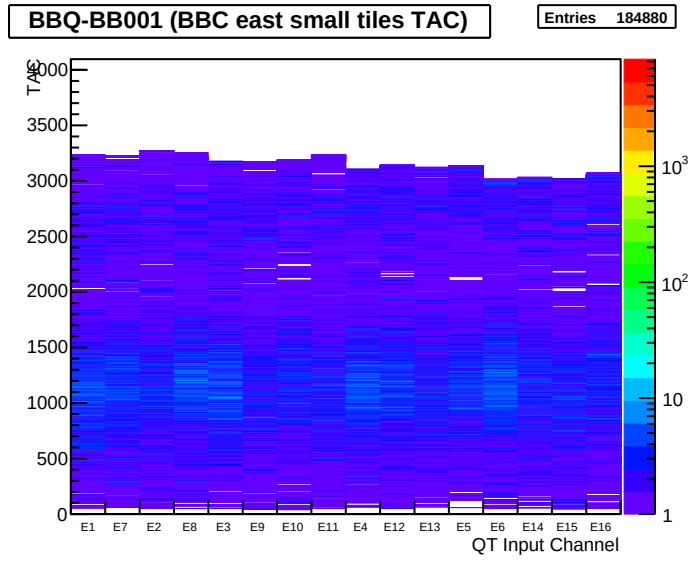

L2-TF201
Entries 11555
TOF total mult

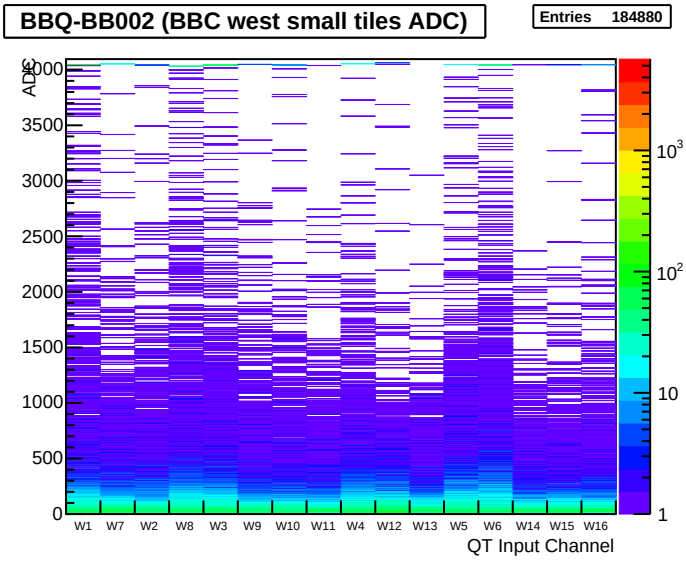

L2-TF201
Entries 0
TOF total mult(Real-Simu)

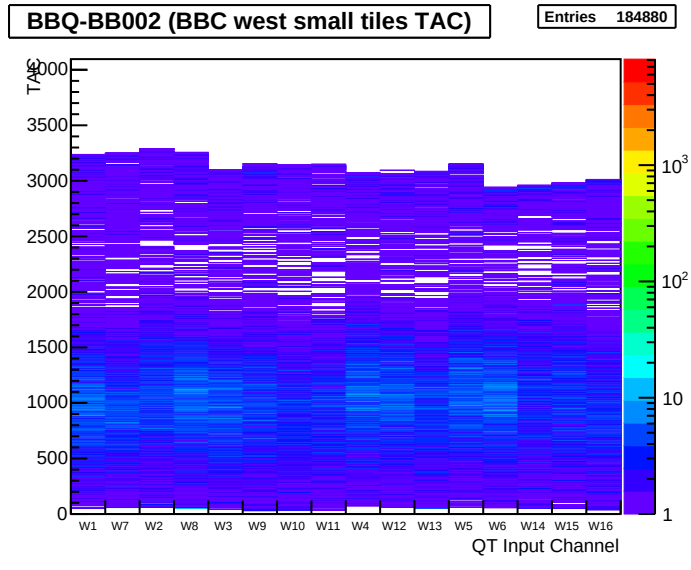

L2-TF201
Entries 80885
Threshold/UPC bits
10156
10254
10131
10178
10150
10101
11045
1399
1301
1424
1377
1405
1454
510
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

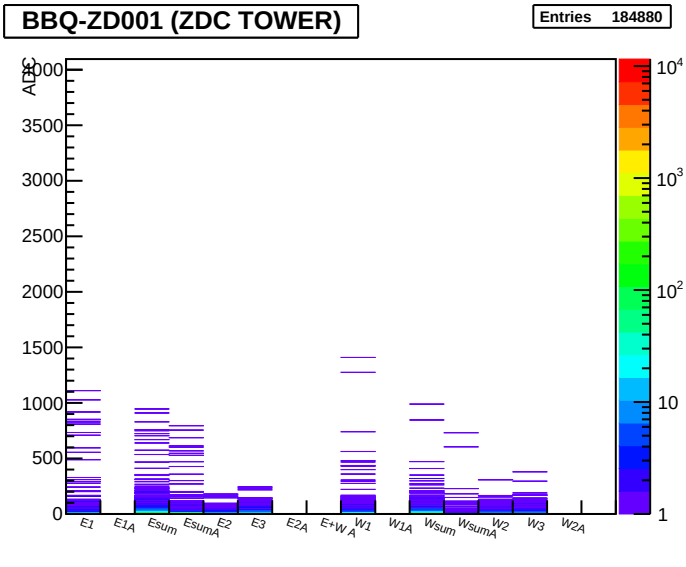

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

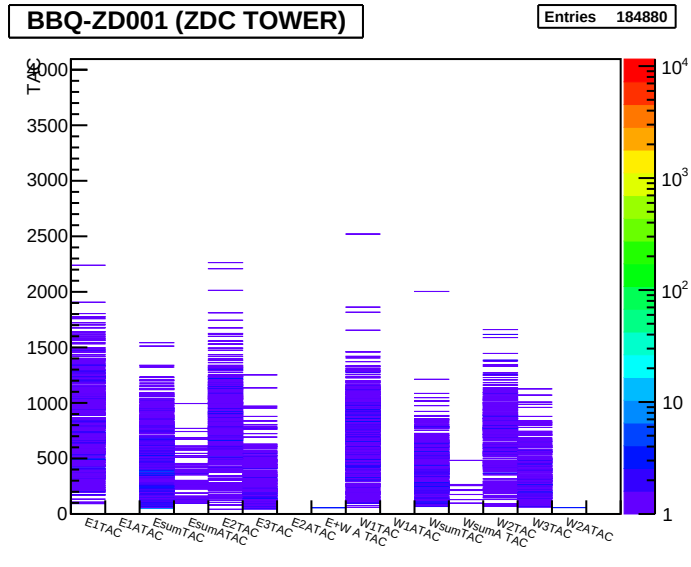

BBQ-BB001 (BBC east small tiles ADC)
Entries 184880
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

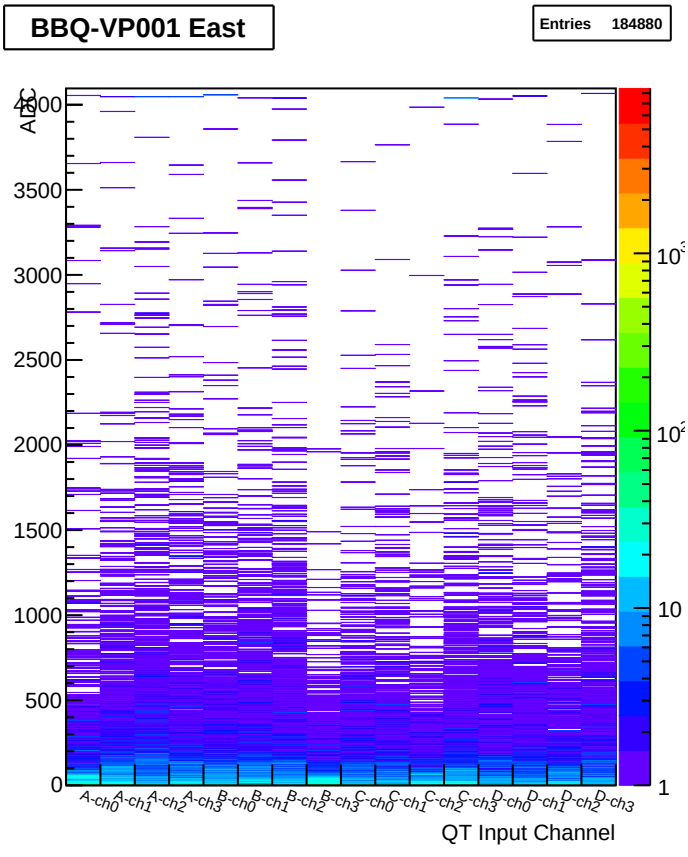

BBQ-BB001 (BBC east small tiles TAC)
Entries 184880
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

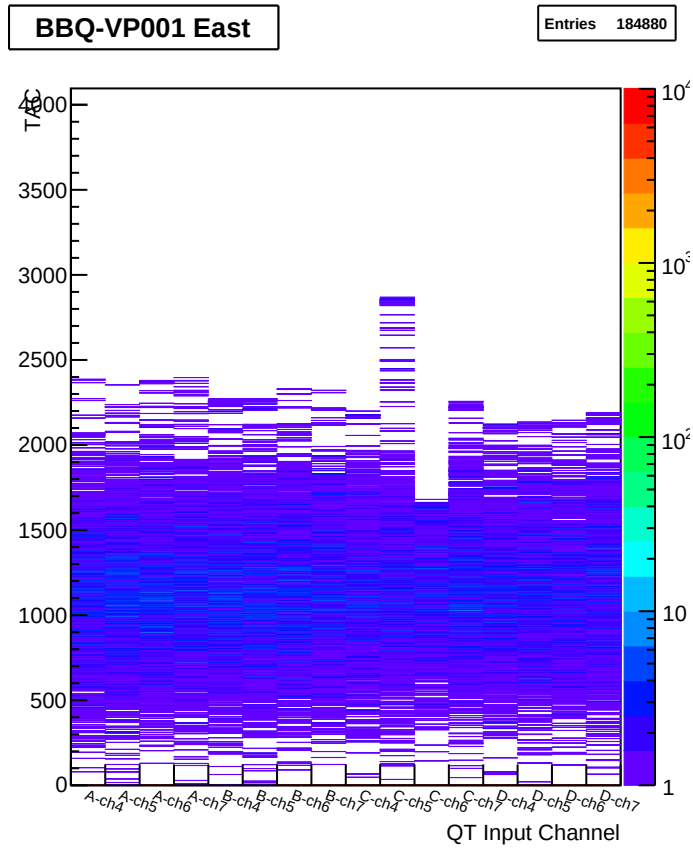

BBQ-BB002 (BBC west small tiles ADC)
Entries 184880
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

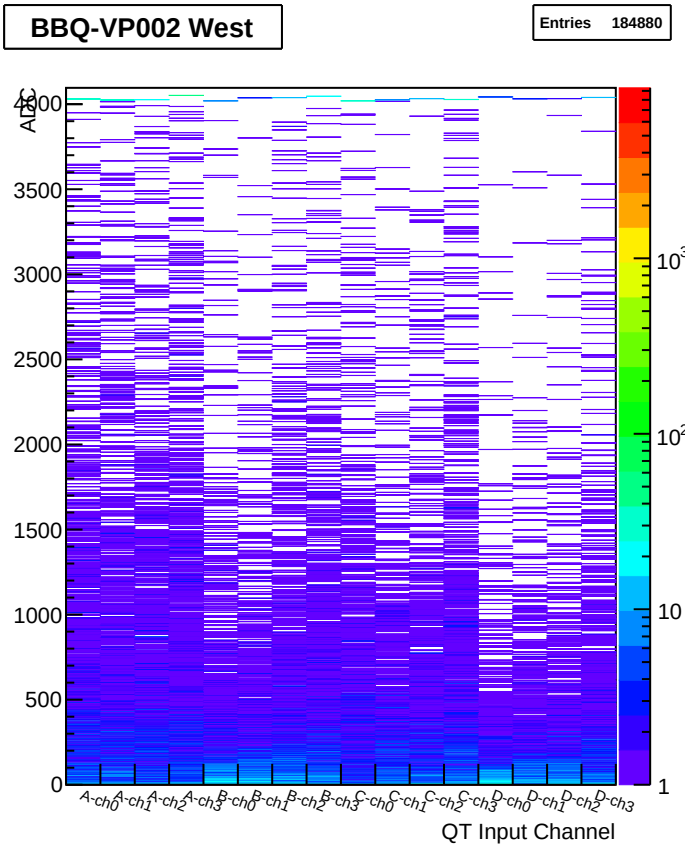

BBQ-BB002 (BBC west small tiles TAC)
Entries 184880
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

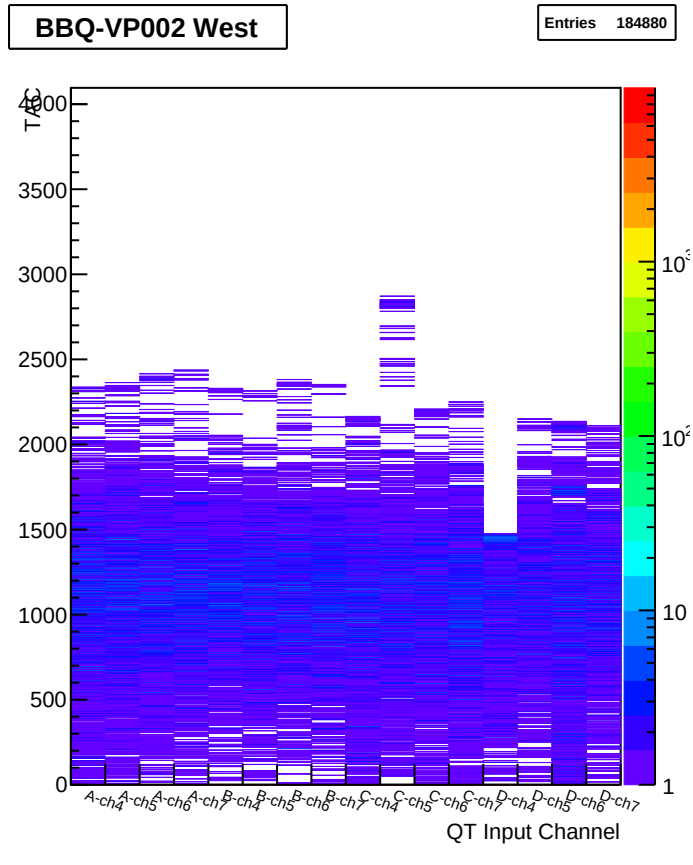

BBQ-ZD001 (ZDC TOWER)
Entries 184880
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

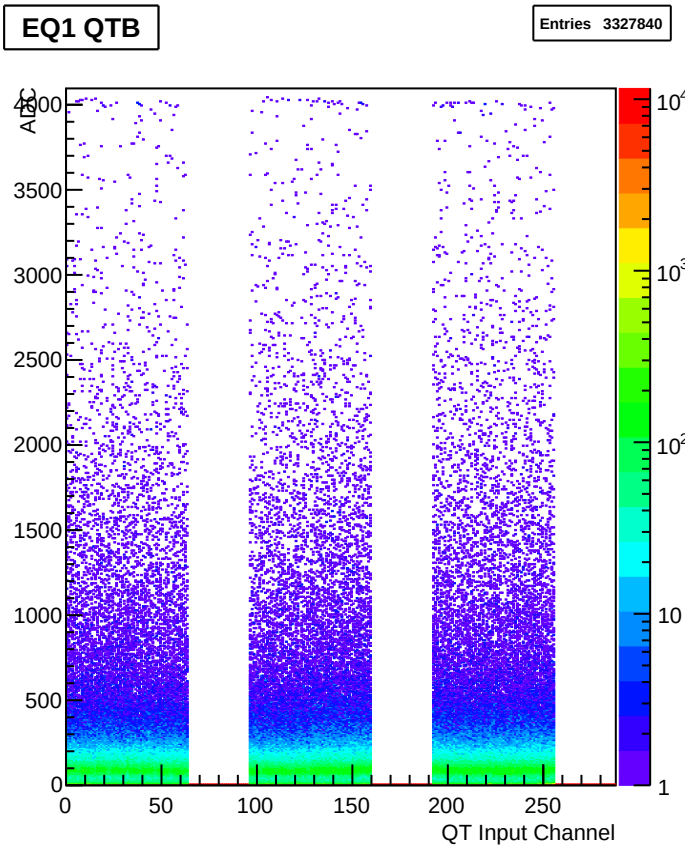

BBQ-ZD001 (ZDC TOWER)
Entries 184880
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

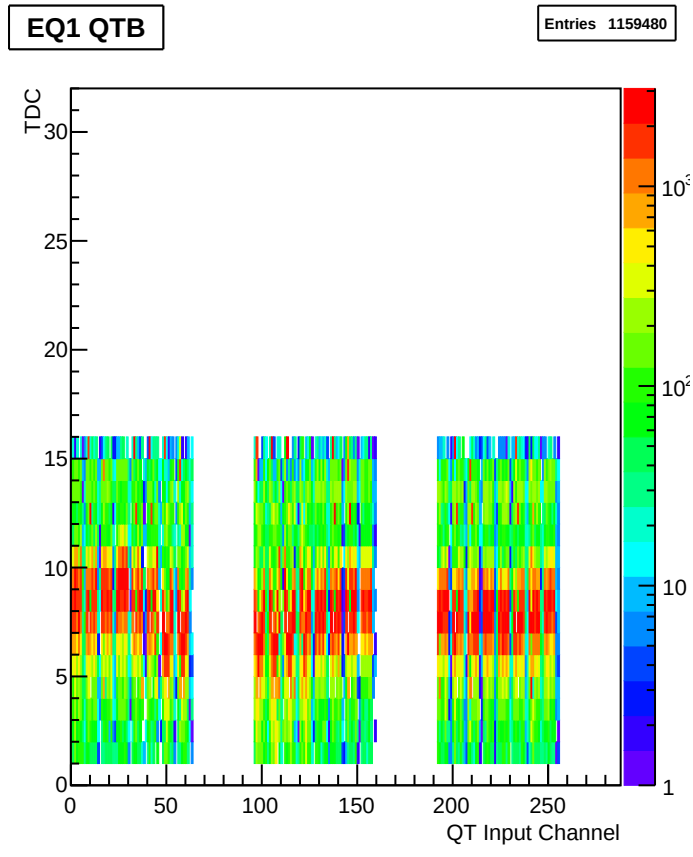

BBQ-VP001 East
Entries 184880
ADC
QT Input Channel

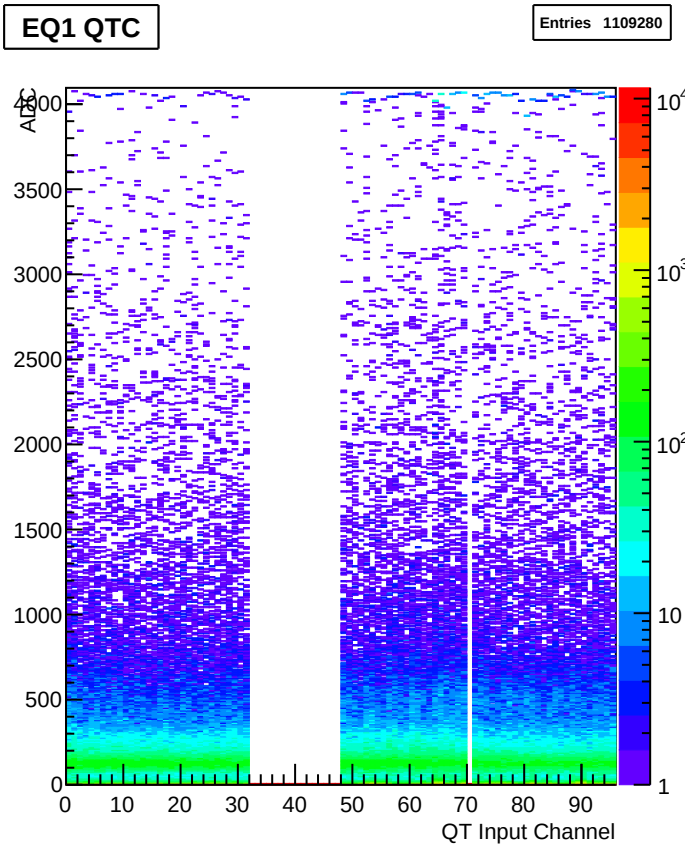

BBQ-VP001 East
Entries 184880
TADC
QT Input Channel

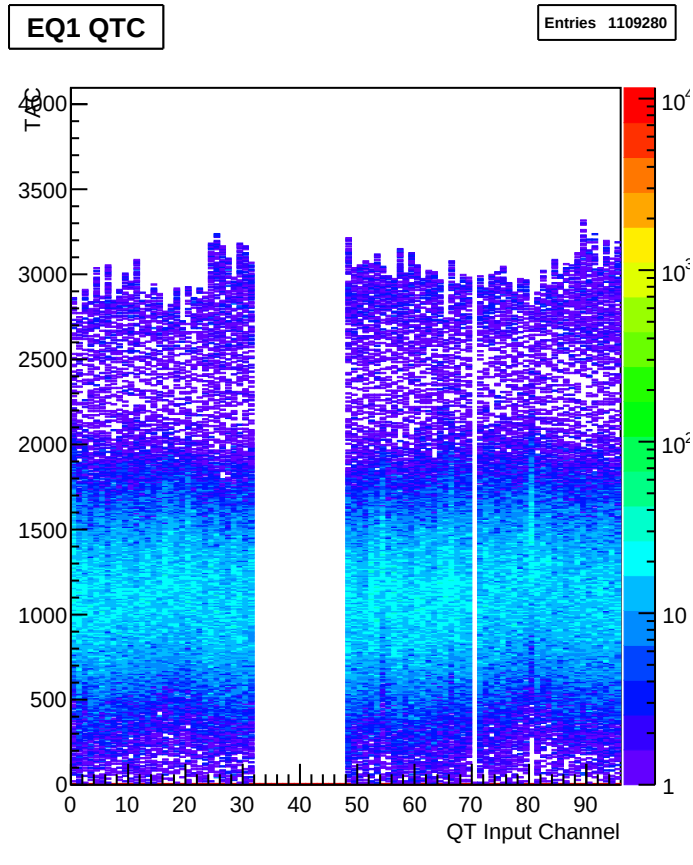

BBQ-VP002 West
Entries 184880
ADC
QT Input Channel

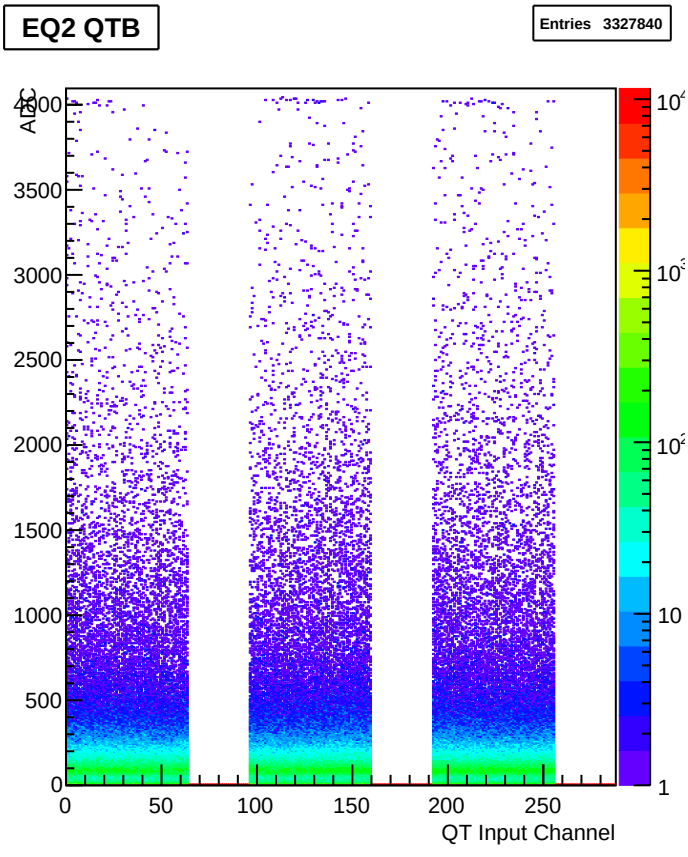

BBQ-VP002 West
Entries 184880
TADC
QT Input Channel

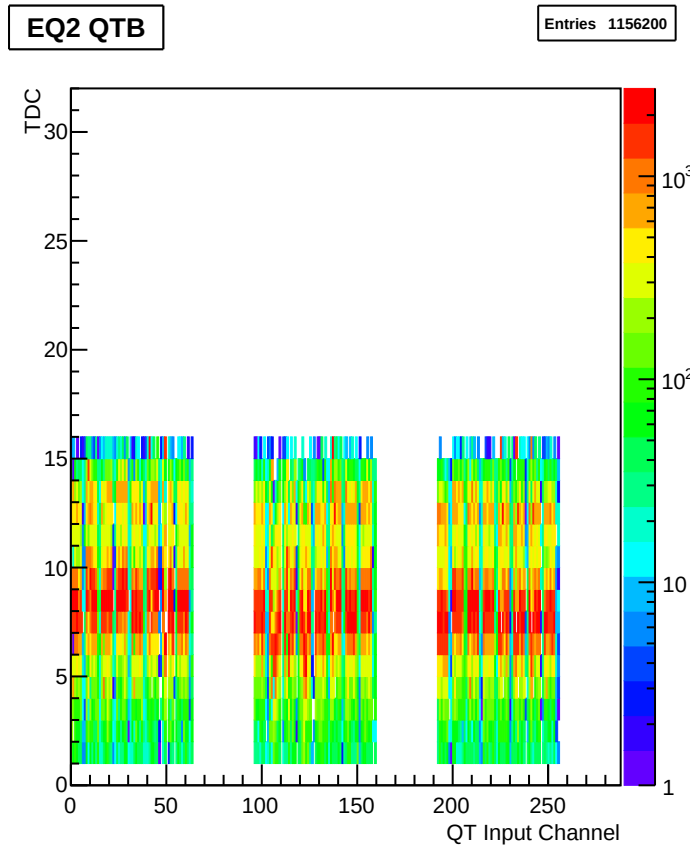

EQ1 QTB
Entries 3327840
ADC
QT Input Channel

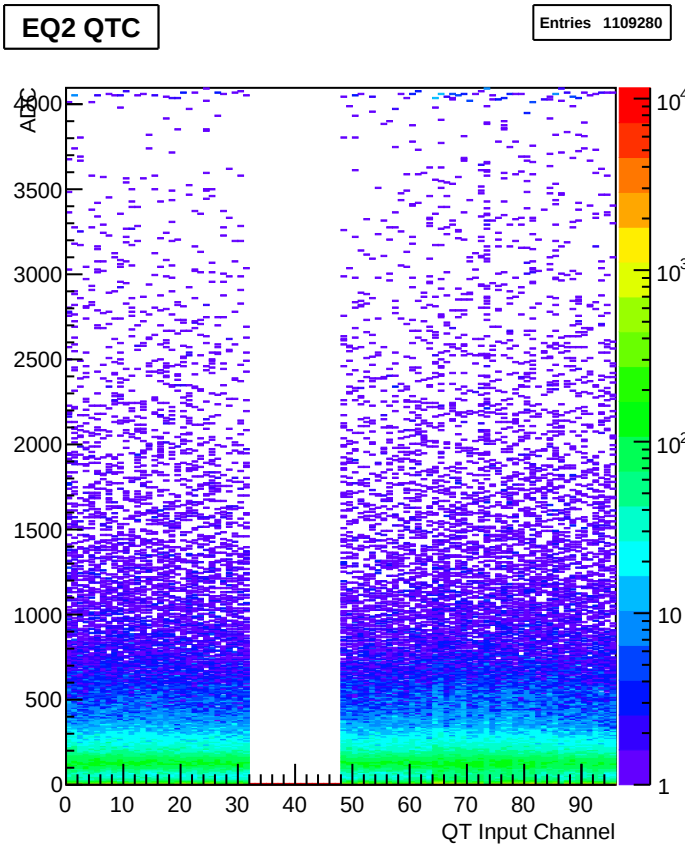

EQ1 QTB
Entries 1159480
TDC
QT Input Channel

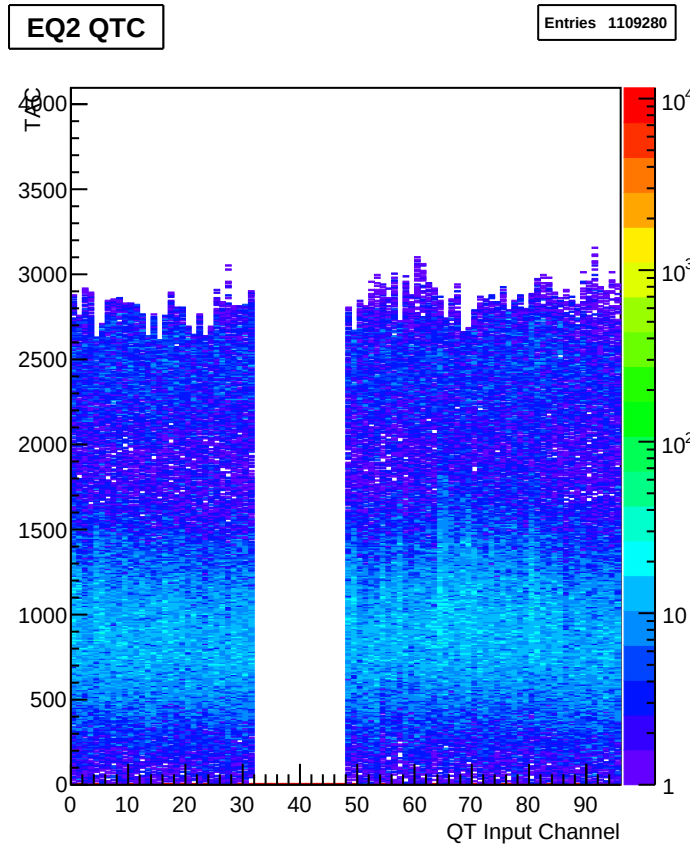

EQ1 QTC
Entries 1109280
ADC
QT Input Channel

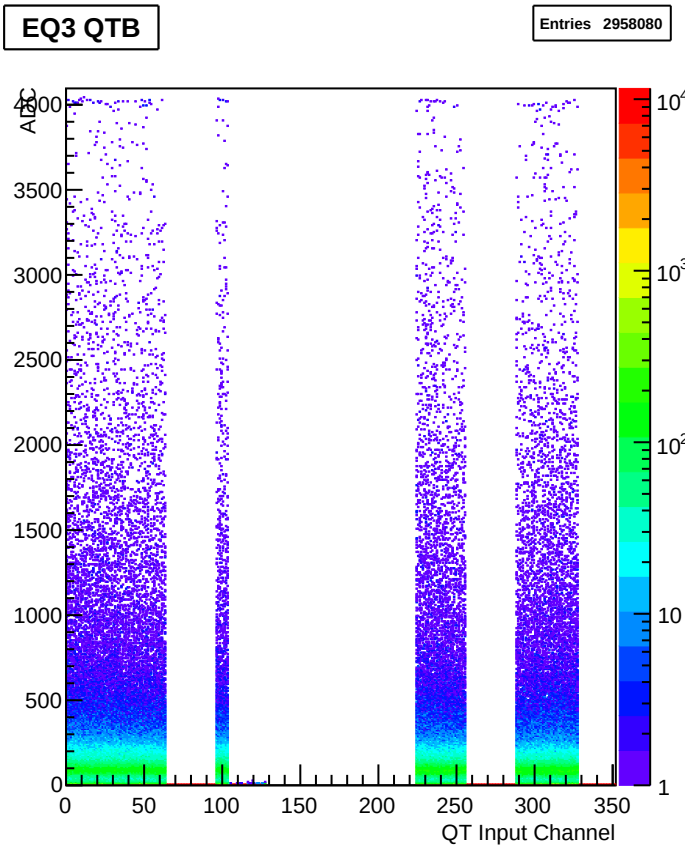

EQ1 QTC
Entries 1109280
TADC
QT Input Channel

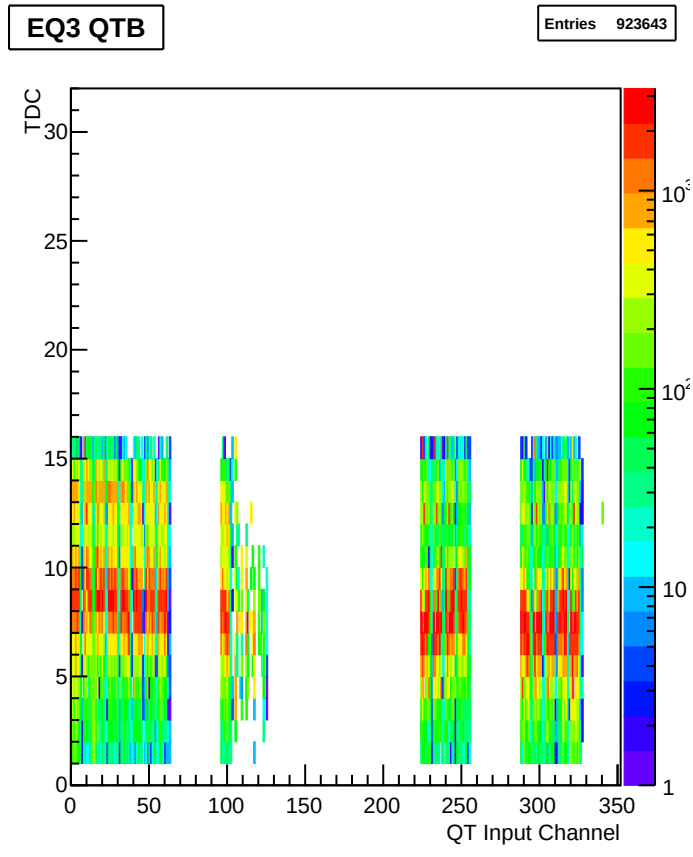

EQ2 QTB
Entries 3327840
ADC
QT Input Channel

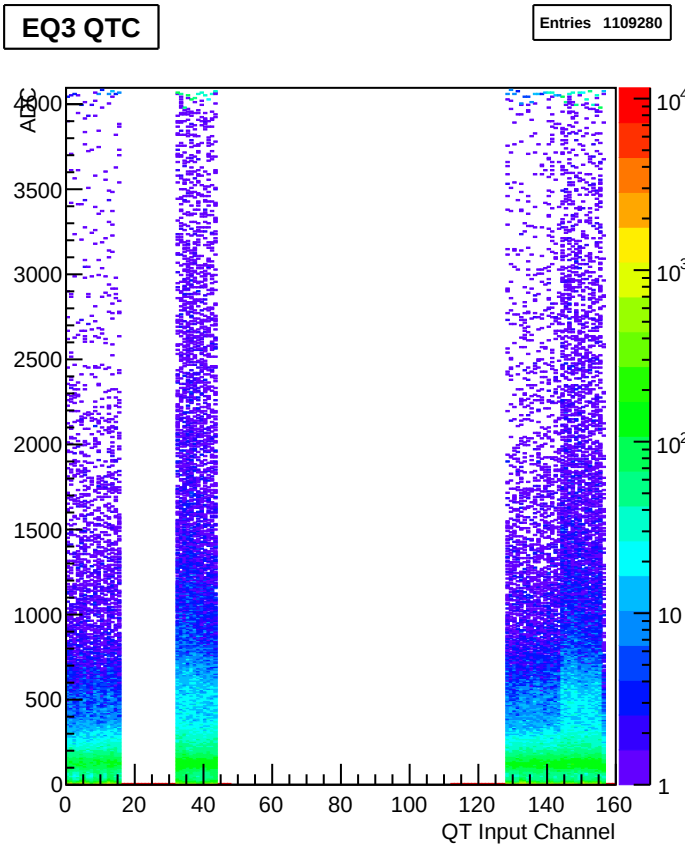

EQ2 QTB
Entries 1156200
TDC
QT Input Channel

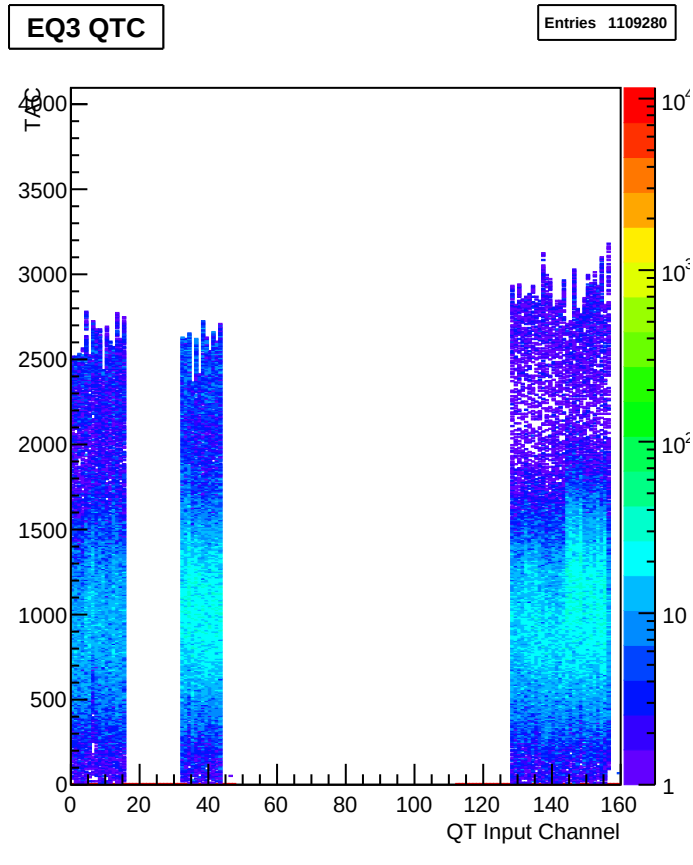

EQ2 QTC
Entries 1109280
ADC
QT Input Channel

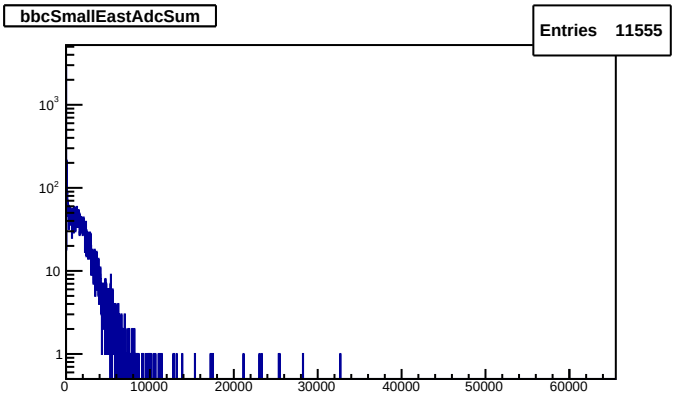

EQ2 QTC
Entries 1109280
TADC
QT Input Channel

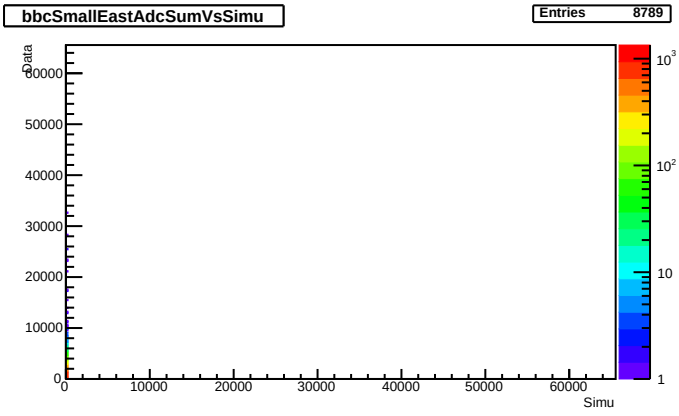

EQ3 QTB
Entries 2958080
ADC
QT Input Channel

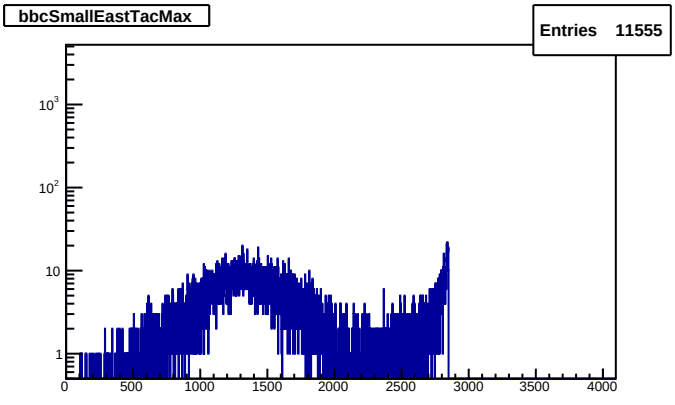

EQ3 QTB
Entries 923643
TDC
QT Input Channel

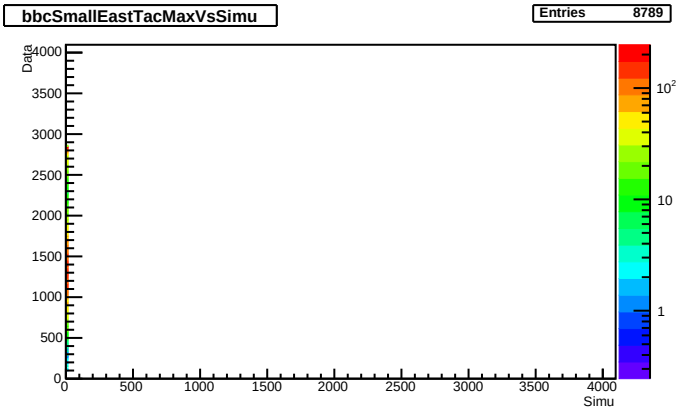

EQ3 QTC
Entries 1109280
ADC
QT Input Channel

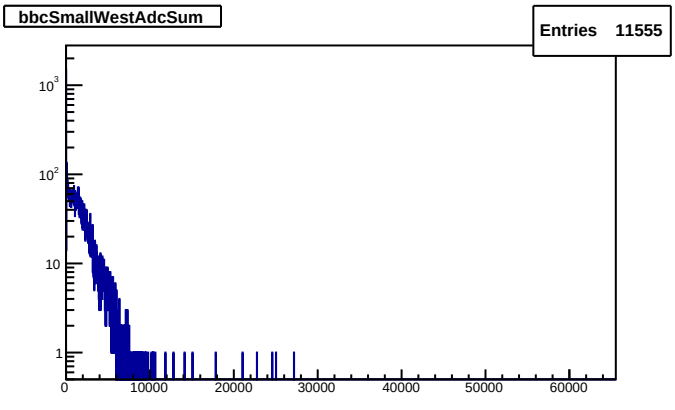

EQ3 QTC
Entries 1109280
TADC
QT Input Channel

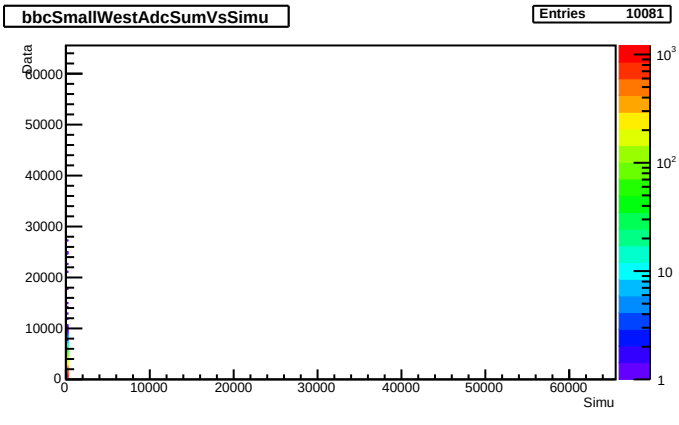

bbcSmallEastAdcSum
Entries 11555

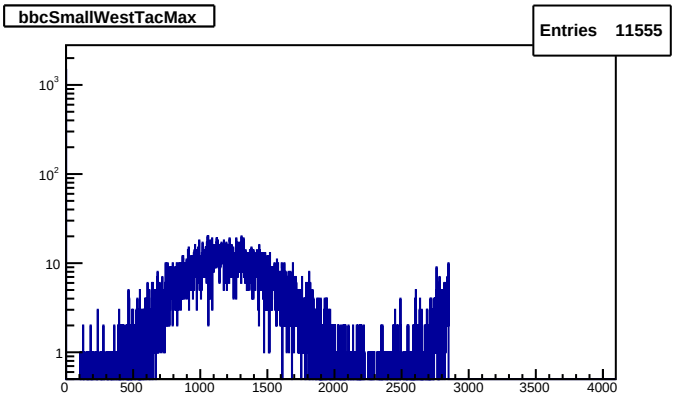

bbcSmallEastAdcSumVsSimu
Entries 8789
Data
Simu

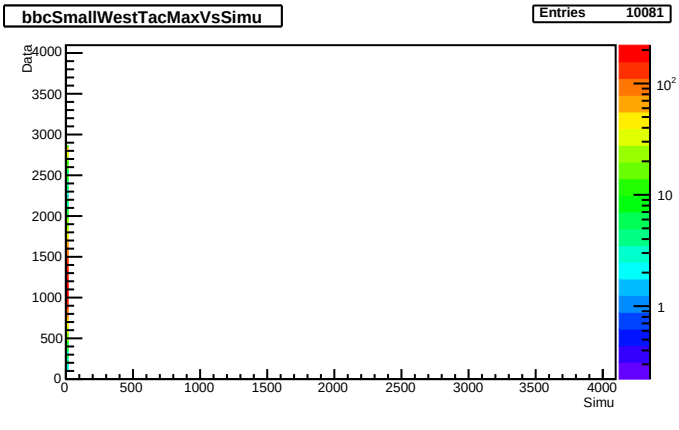

bbcSmallEastTacMax
Entries 11555

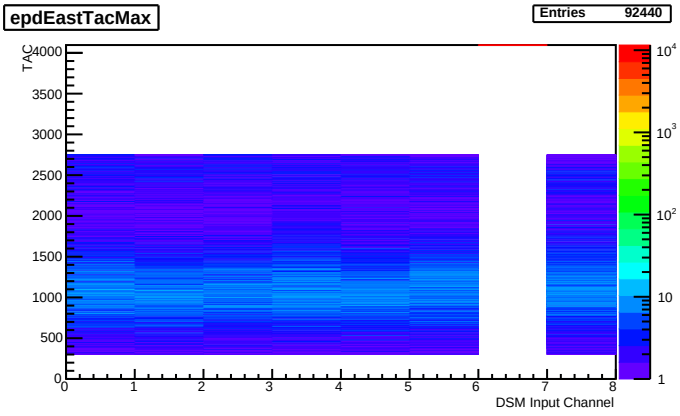

bbcSmallEastTacMaxVsSimu
Entries 8789
Data
Simu

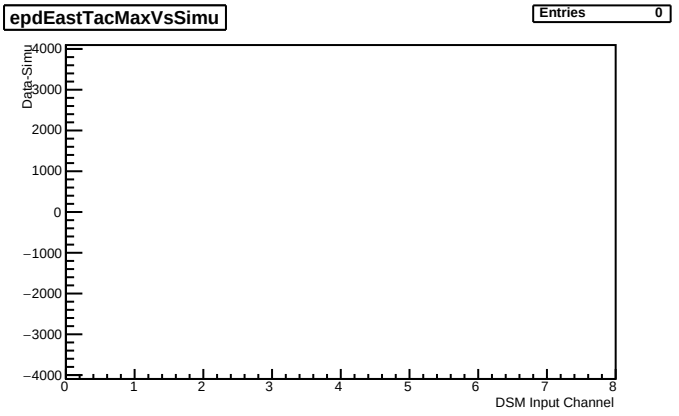

bbcSmallWestAdcSum
Entries 11555

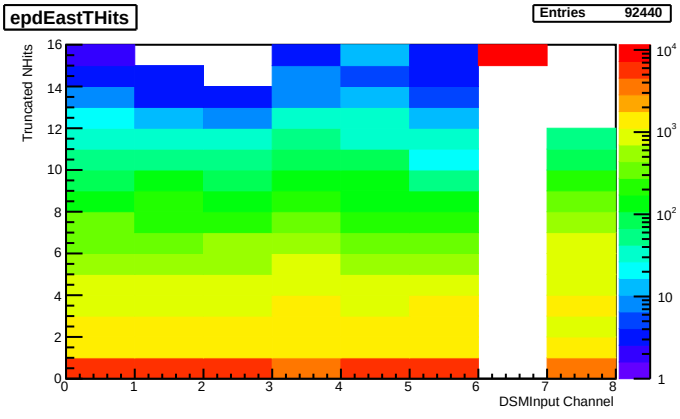

bbcSmallWestAdcSumVsSimu
Entries 10081
Data
Simu

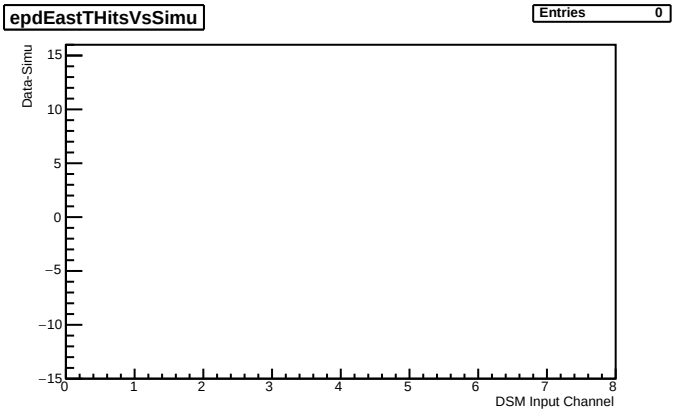

bbcSmallWestTacMax
Entries 11555

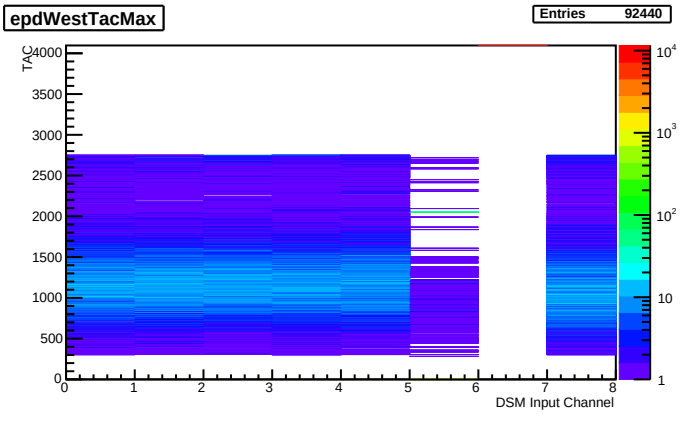

bbcSmallWestTacMaxVsSimu
Entries 10081
Data
Simu

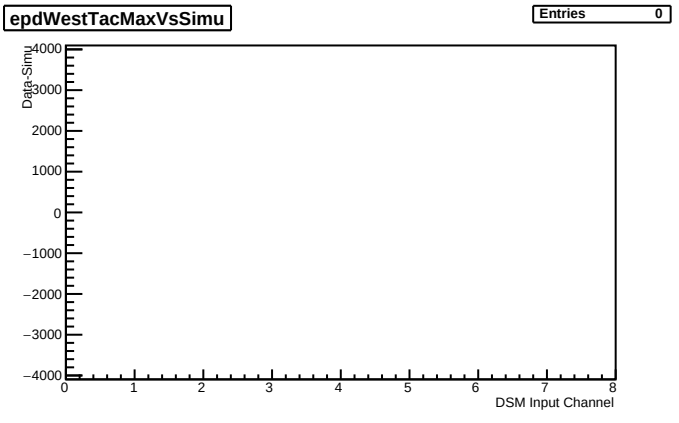

epdEastTacMax
Entries 92440
TAC
DSM Input Channel

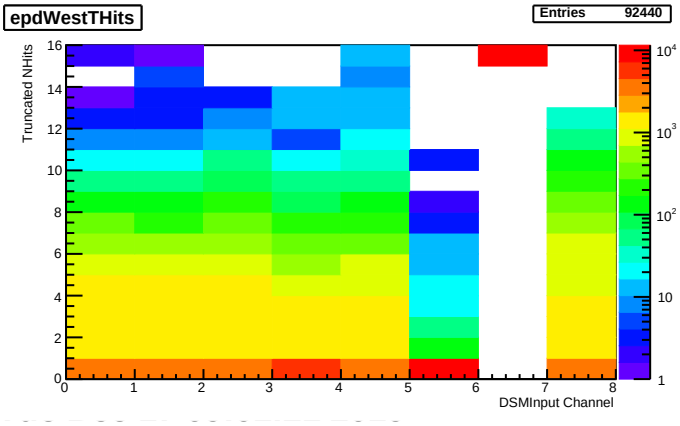

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

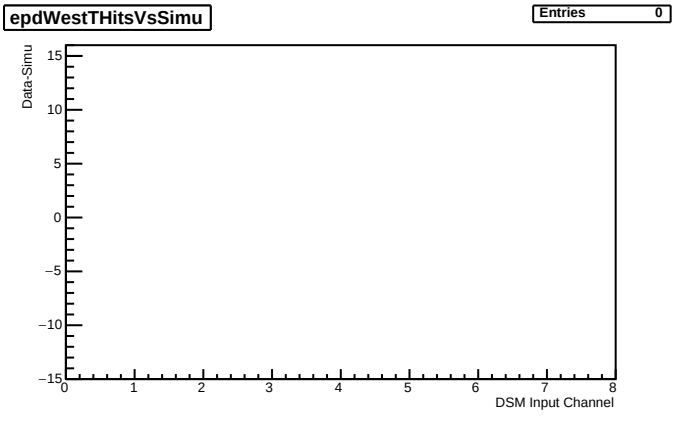

epdEastTHits
Entries 92440
Truncated NHits
DSMInput Channel

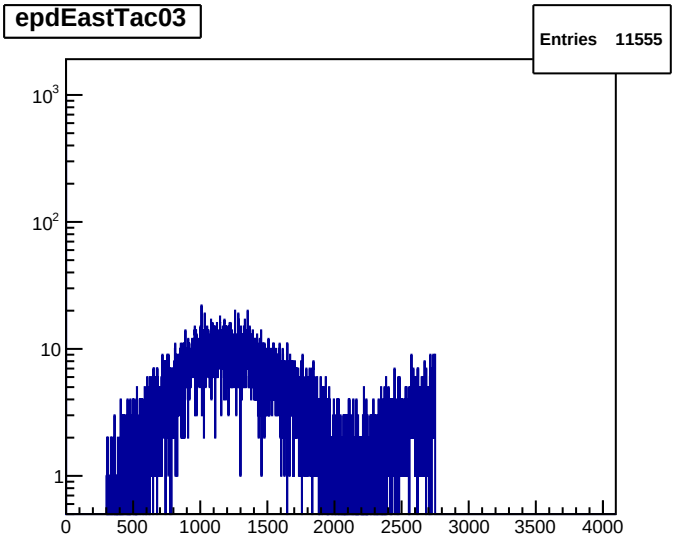

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

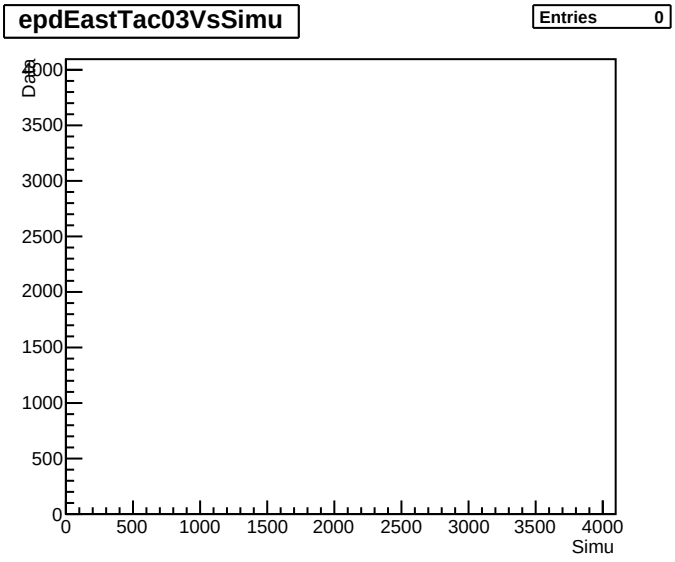

epdWestTacMax
Entries 92440
TAC
DSM Input Channel

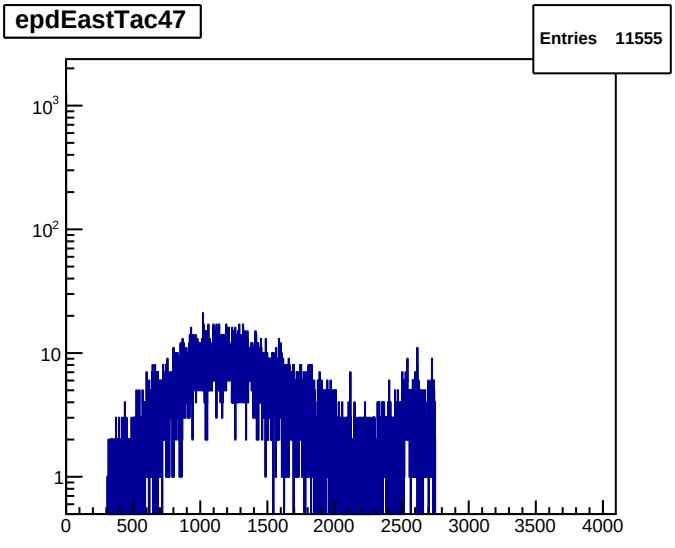

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

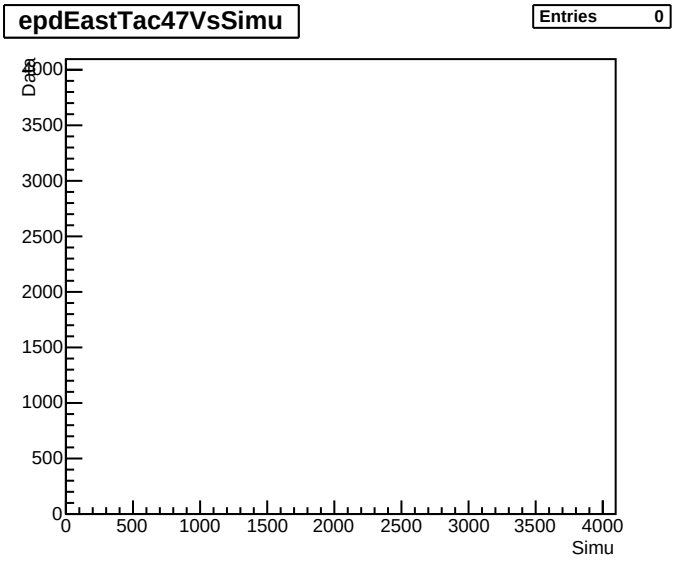

epdWestTHits
Entries 92440
Truncated NHits
DSMInput Channel

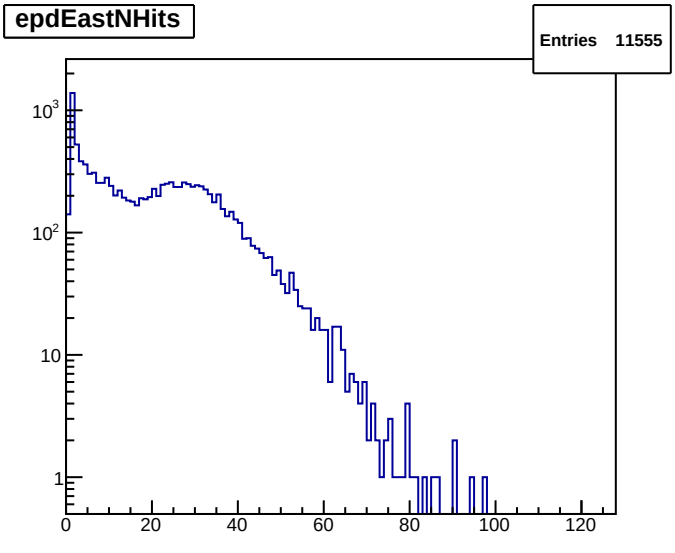

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

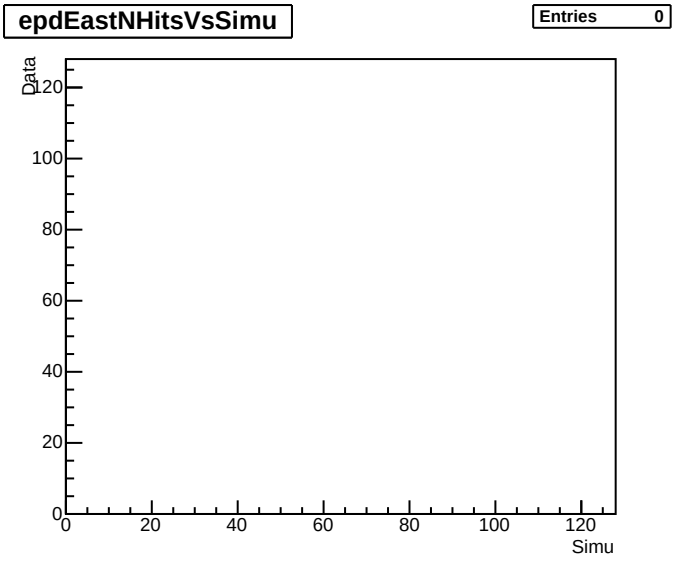

epdEastTac03
Entries 11555

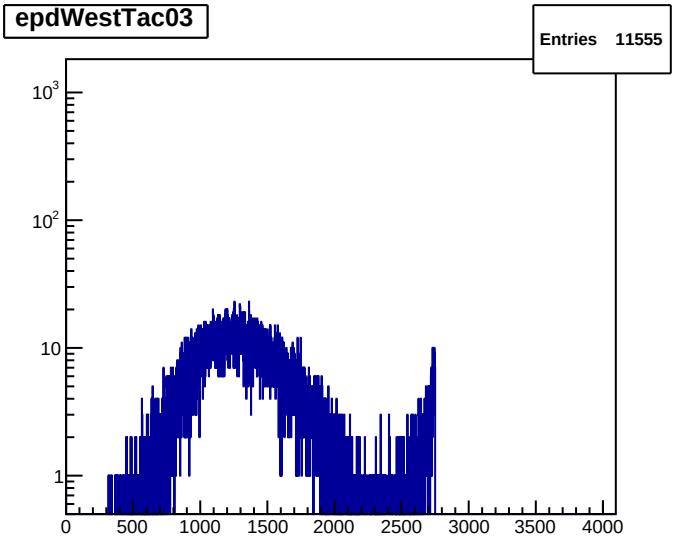

epdEastTac03VsSimu
Entries 0
Data
Simu

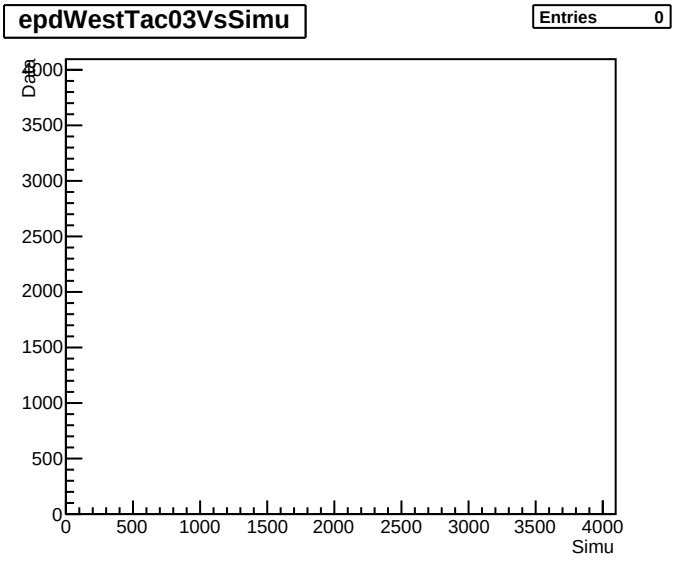

epdEastTac47
Entries 11555

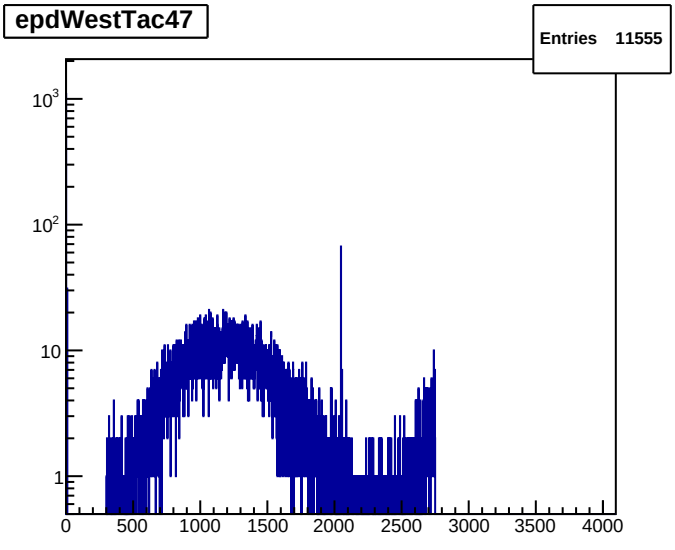

epdEastTac47VsSimu
Entries 0
Data
Simu

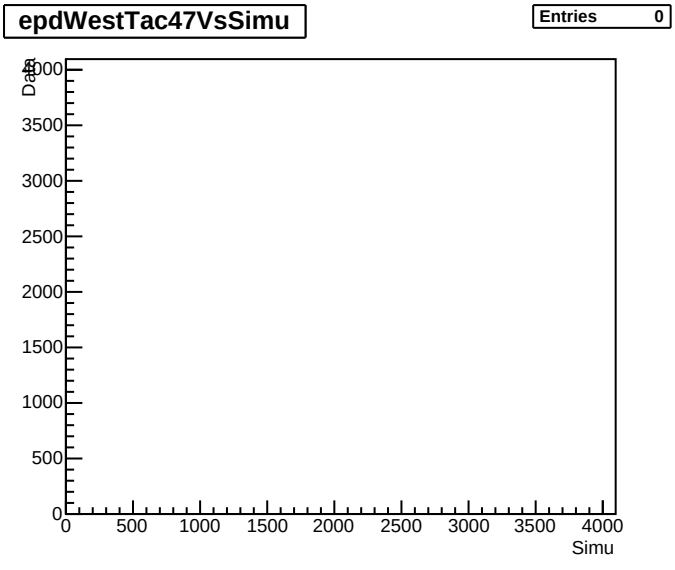

epdEastNHits
Entries 11555


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 11555


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 11555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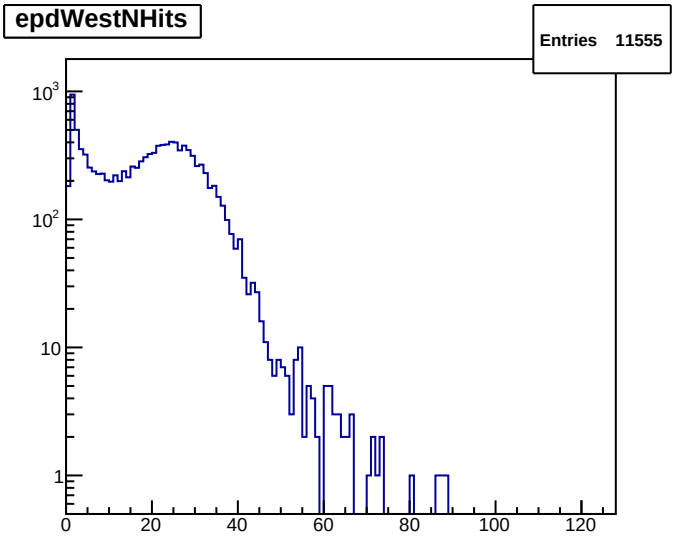
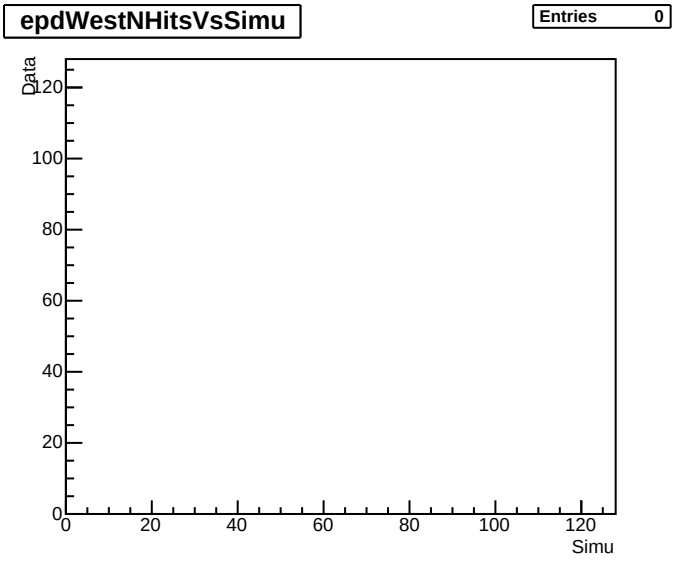
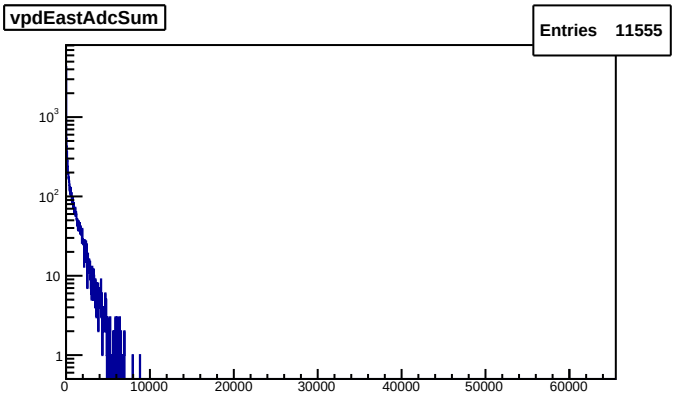
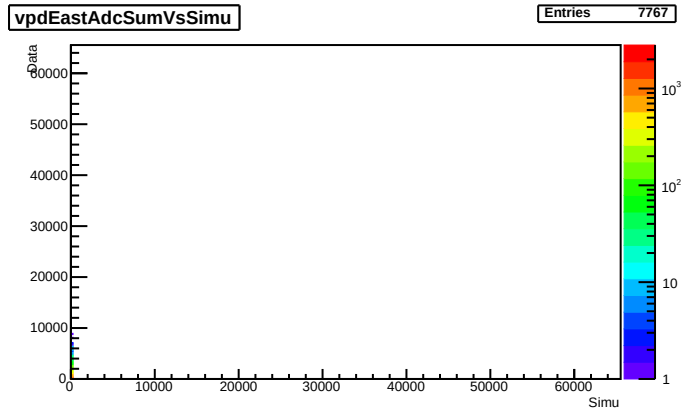
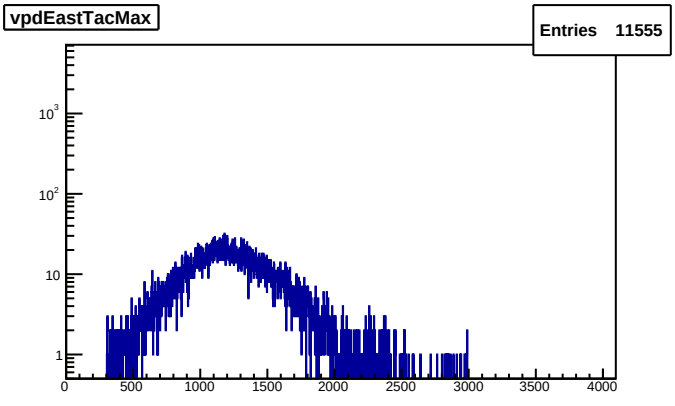
Entries 0
Data
Simu

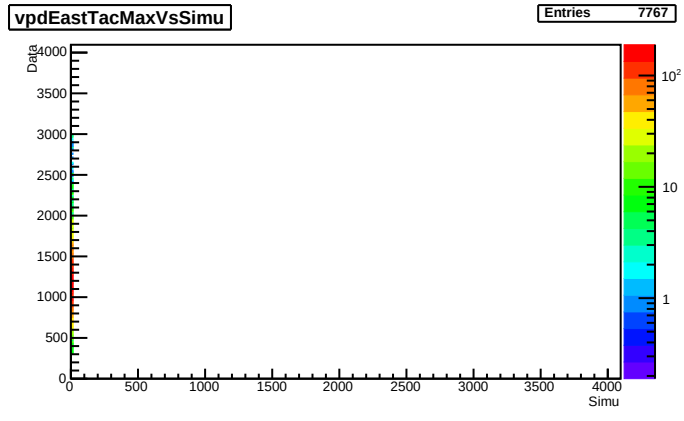

epdWestNHits
Entries 11555

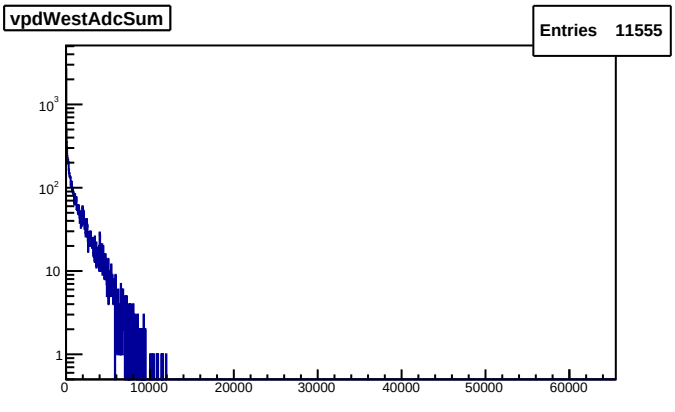

epdWestNHitsVsSimu
Entries 0
Data
Simu

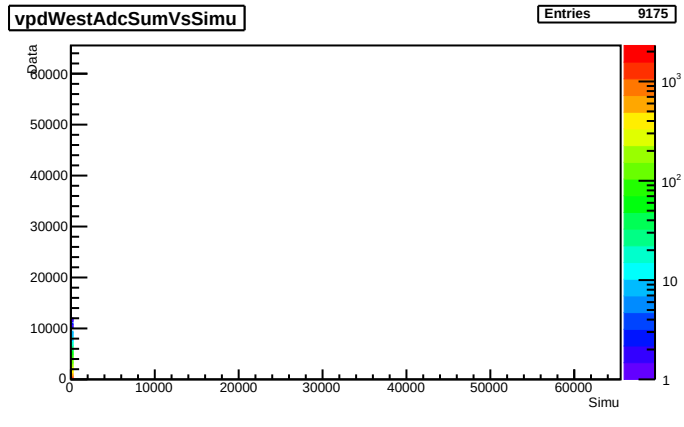

vpdEastAdcSum
Entries 11555

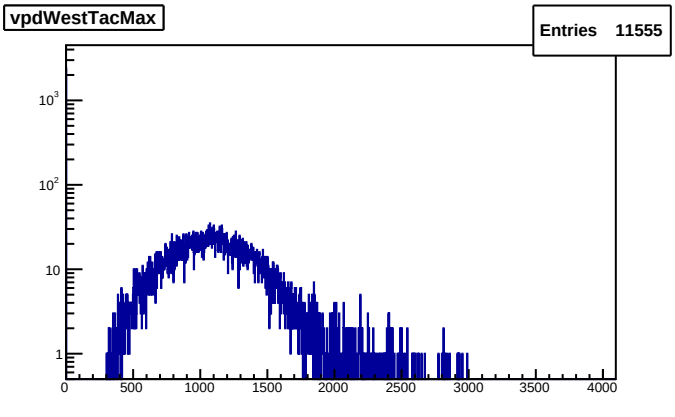

vpdEastAdcSumVsSimu
Entries 7767
Data
Simu

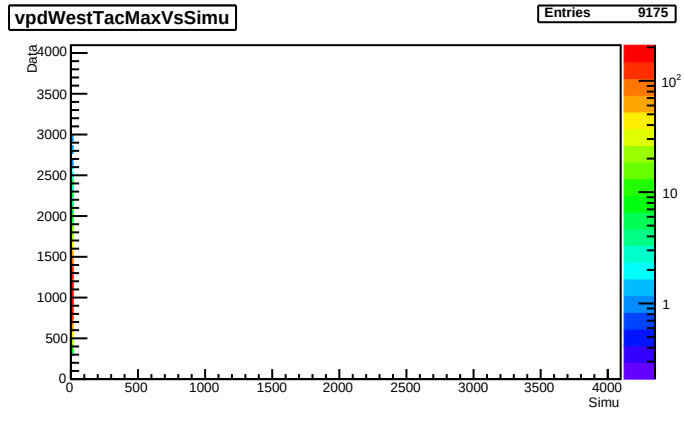

vpdEastTacMax
Entries 11555

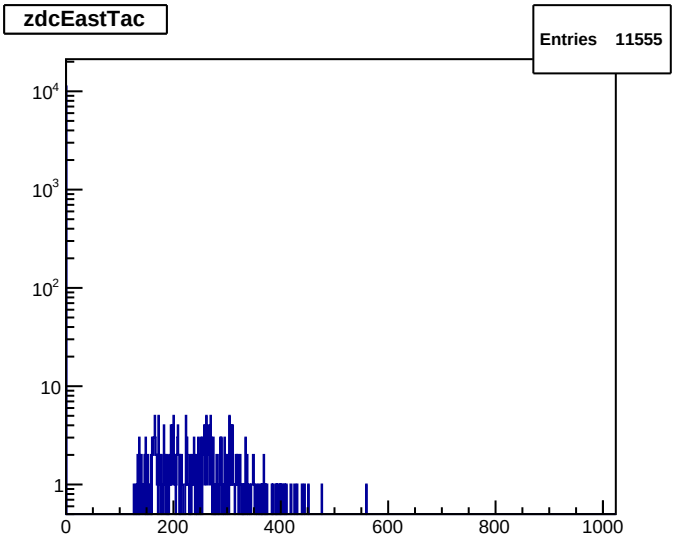

vpdEastTacMaxVsSimu
Entries 7767
Data
Simu

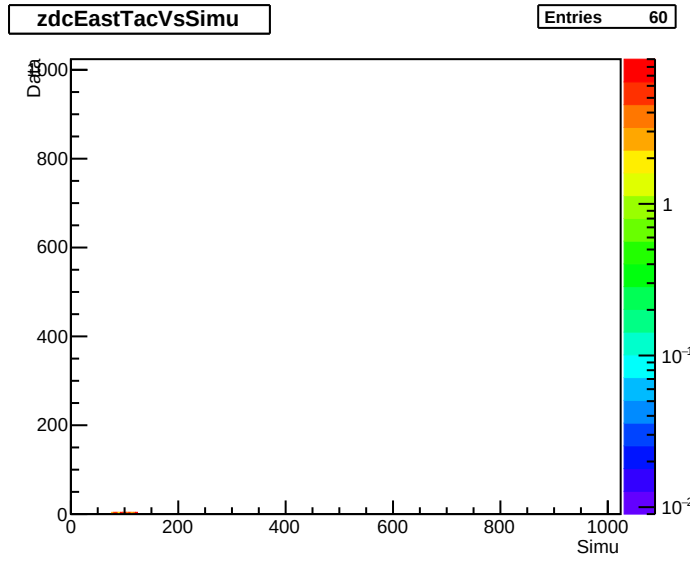

vpdWestAdcSum
Entries 11555

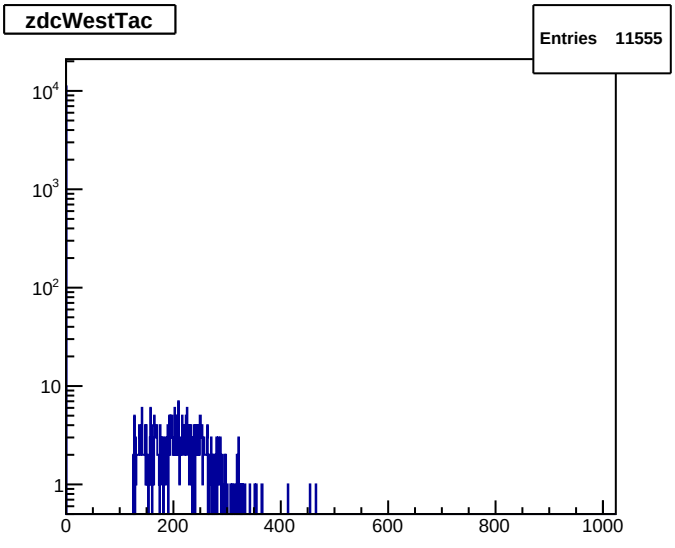

vpdWestAdcSumVsSimu
Entries 9175
Data
Simu

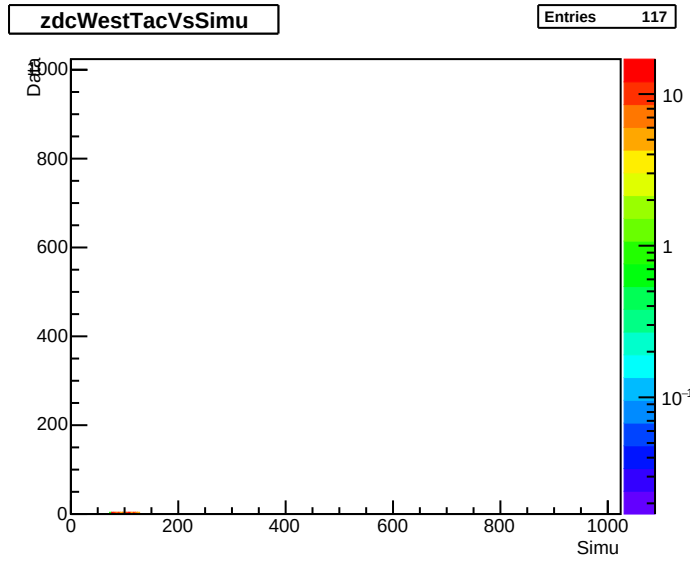

vpdWestTacMax
Entries 11555

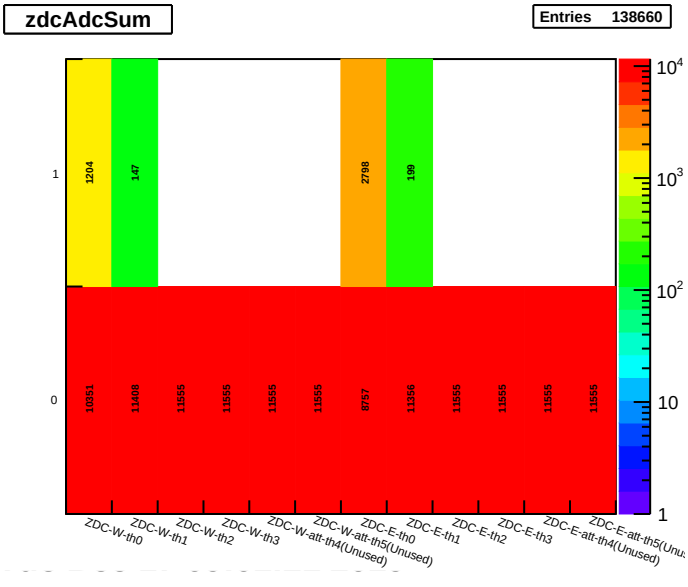

vpdWestTacMaxVsSimu
Entries 9175
Data
Simu

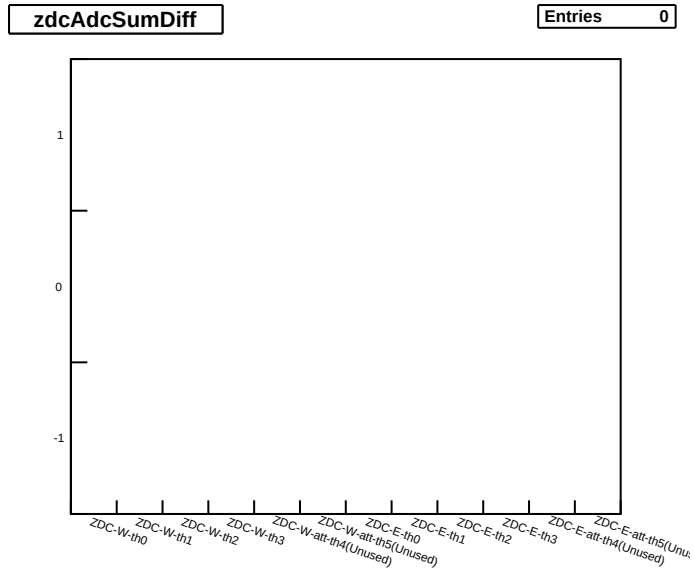

zdcEastTac
Entries 11555

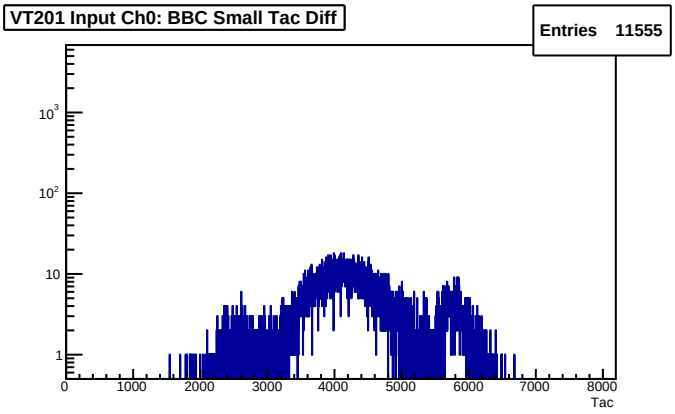

zdcEastTacVsSimu
Entries 60
Data
Simu

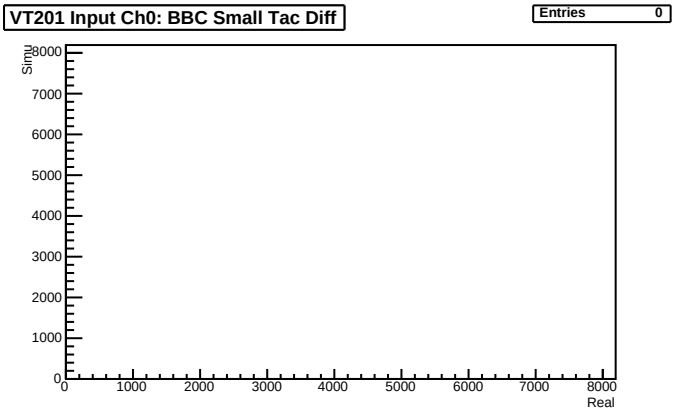

zdcWestTac
Entries 11555

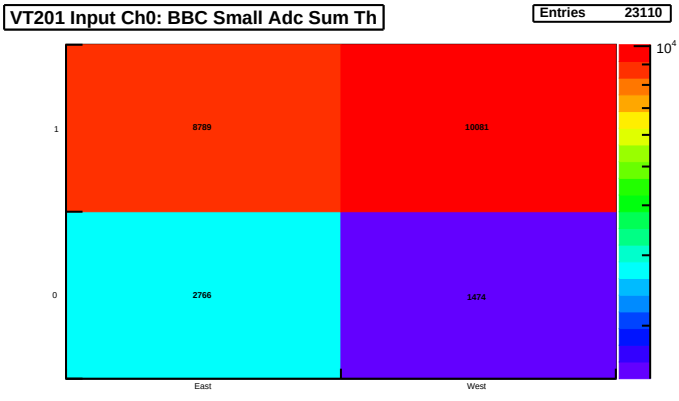

zdcWestTacVsSimu
Entries 117
Data
Simu

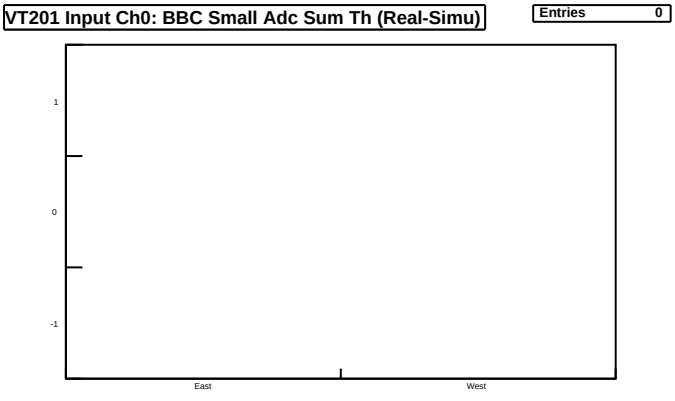

zdcAdcSum
Entries 138660
1204
147
2798
199
10551
11408
11555
11555
11555
11555
8757
11356
11555
11555
11555
11555
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

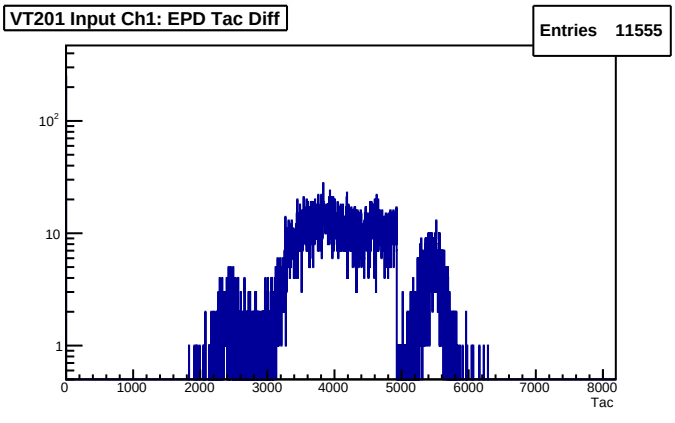

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

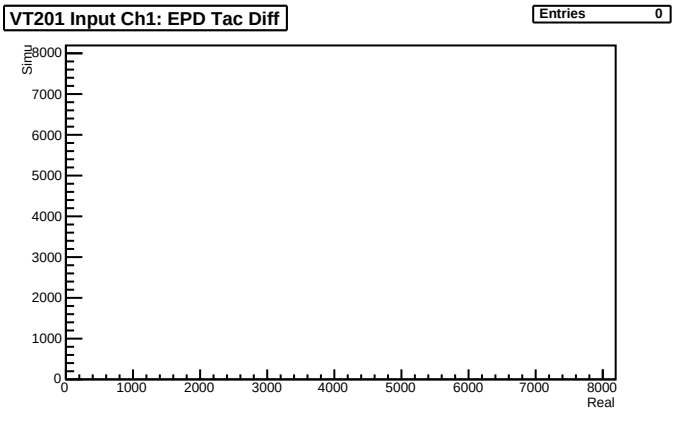

VT201 Input Ch0: BBC Small Tac Diff
Entries 11555
Tac

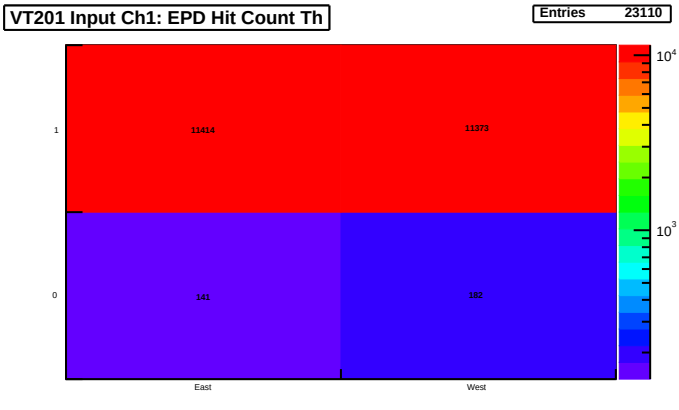

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

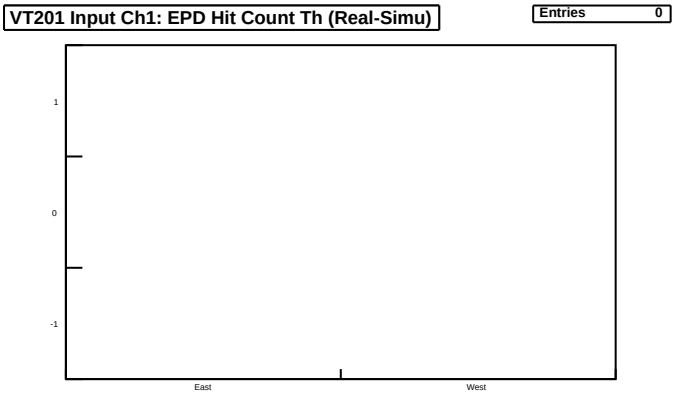

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 23110
8789
10081
2766
1474
East
West

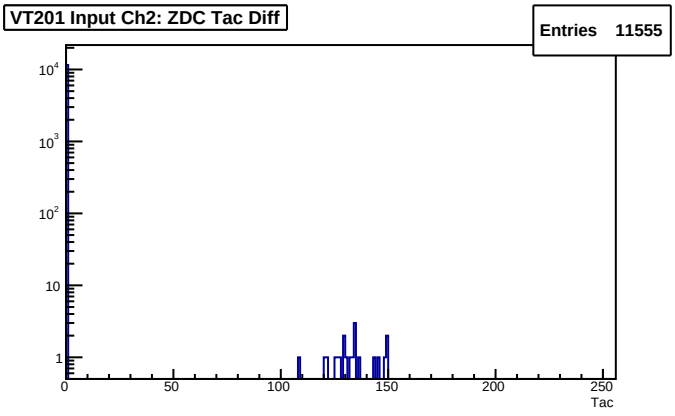

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

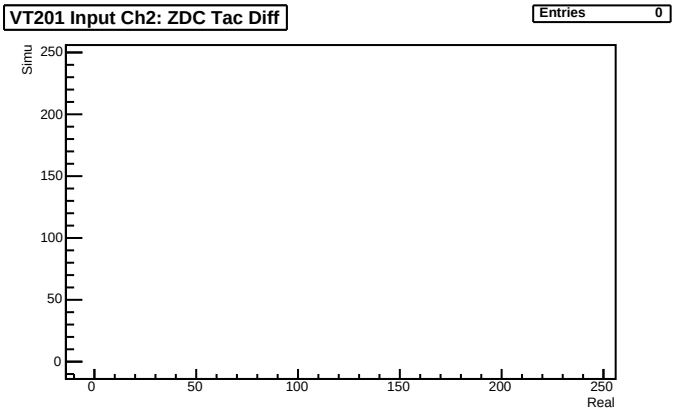

VT201 Input Ch1: EPD Tac Diff
Entries 11555
Tac

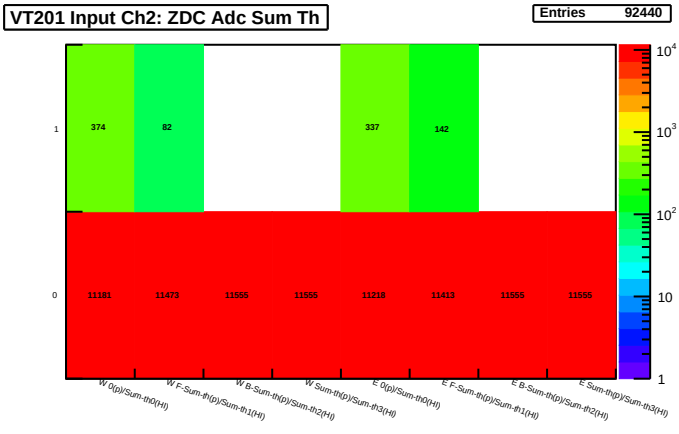

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

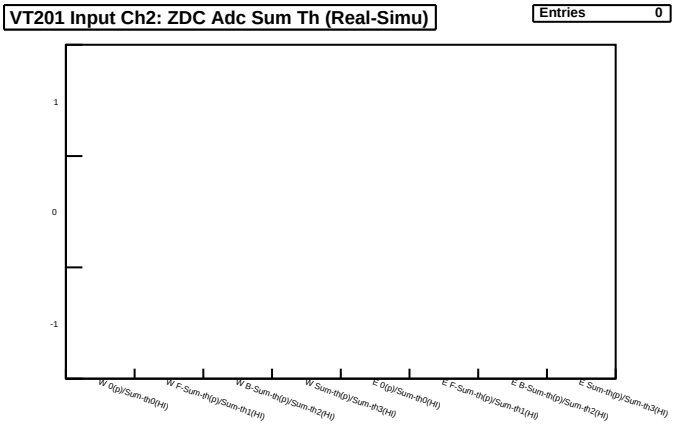

VT201 Input Ch1: EPD Hit Count Th
Entries 23110
11414
11373
141
182
East
West

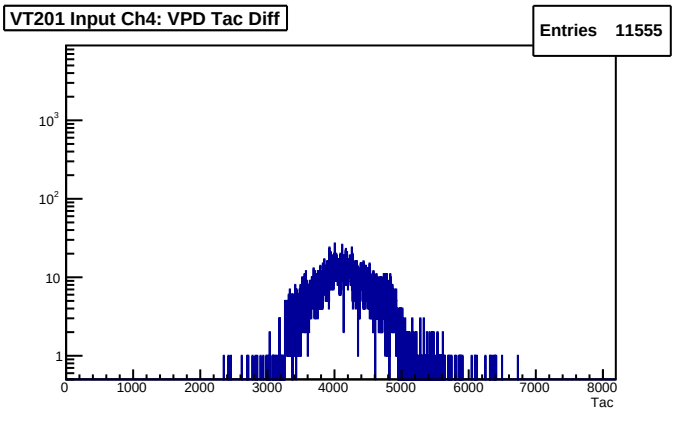

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

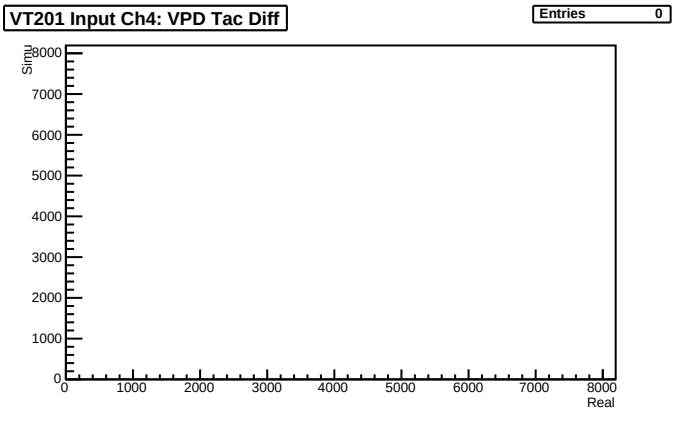

VT201 Input Ch2: ZDC Tac Diff
Entries 11555
Tac

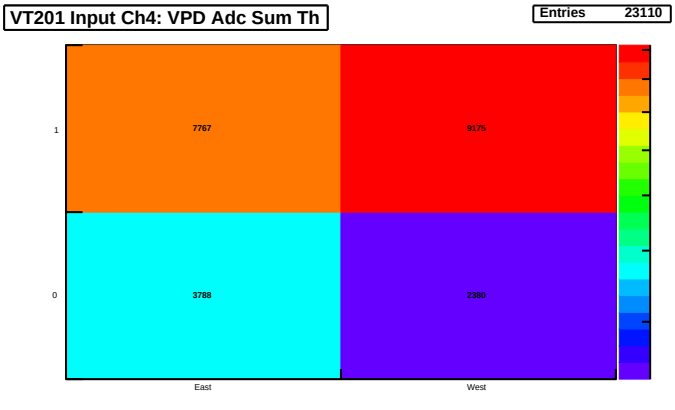

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

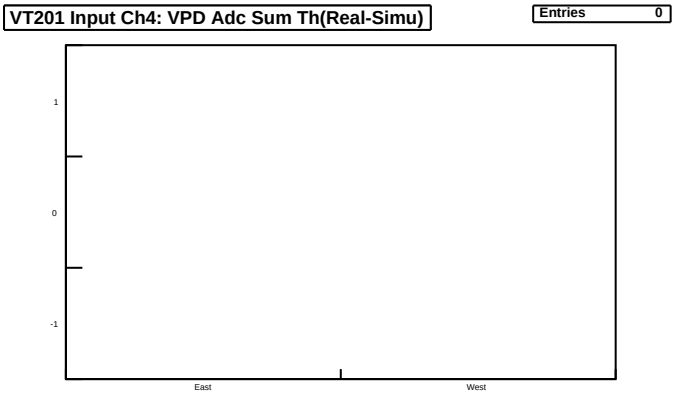

VT201 Input Ch2: ZDC Adc Sum Th
Entries 92440
374
82
337
142
11181
11473
11555
11555
11218
11413
11555
11555
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

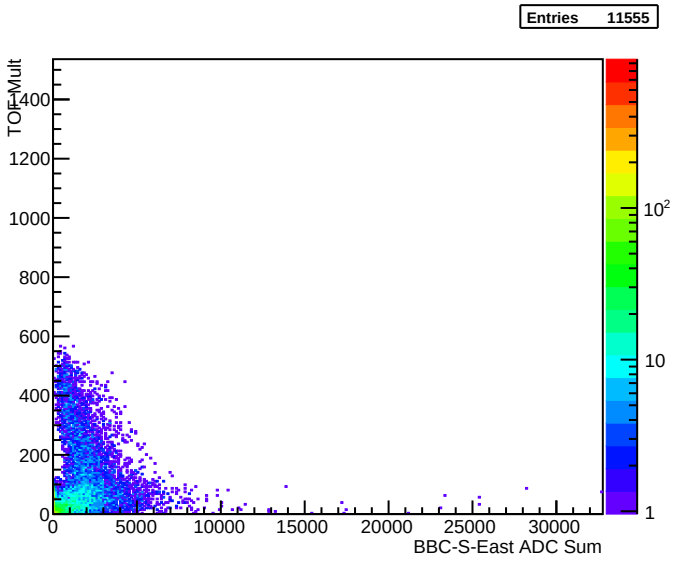

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

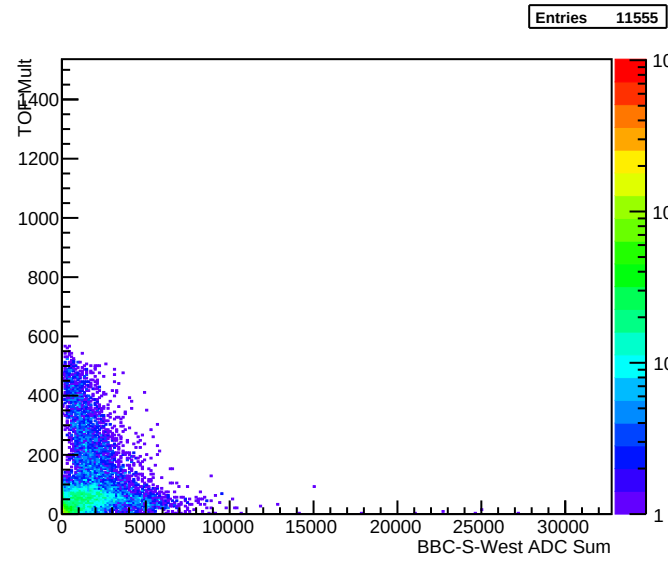

VT201 Input Ch4: VPD Tac Diff
Entries 11555
Tac

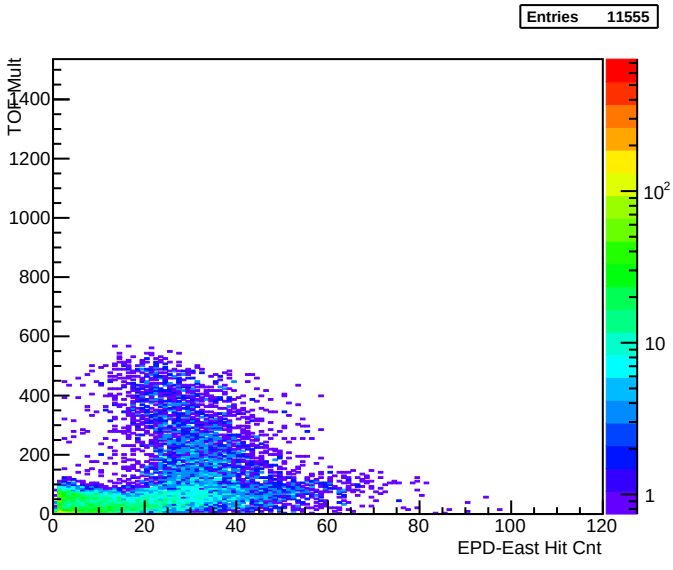

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

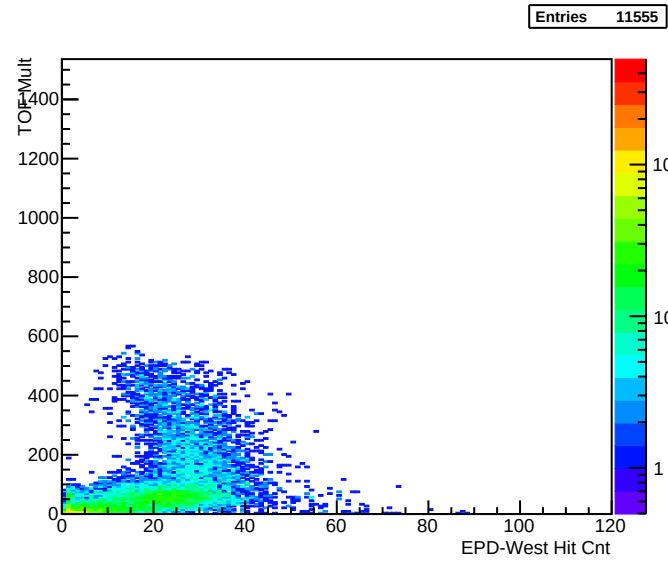

VT201 Input Ch4: VPD Adc Sum Th
Entries 23110
7767
9175
3788
2380
East
West

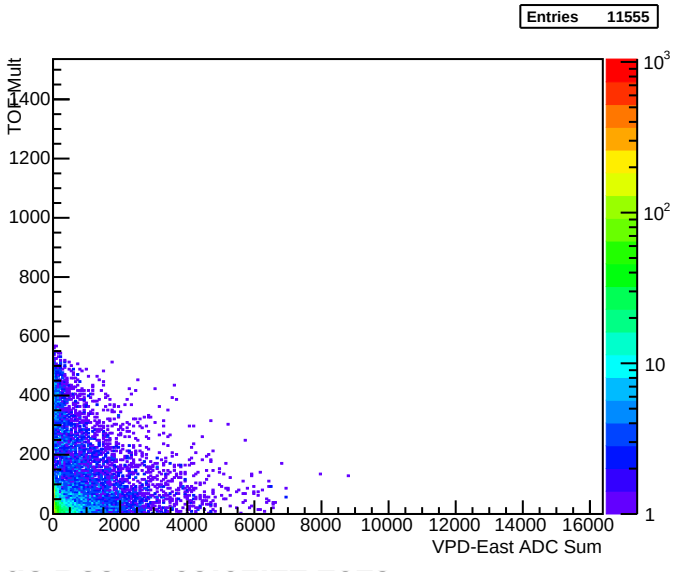

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

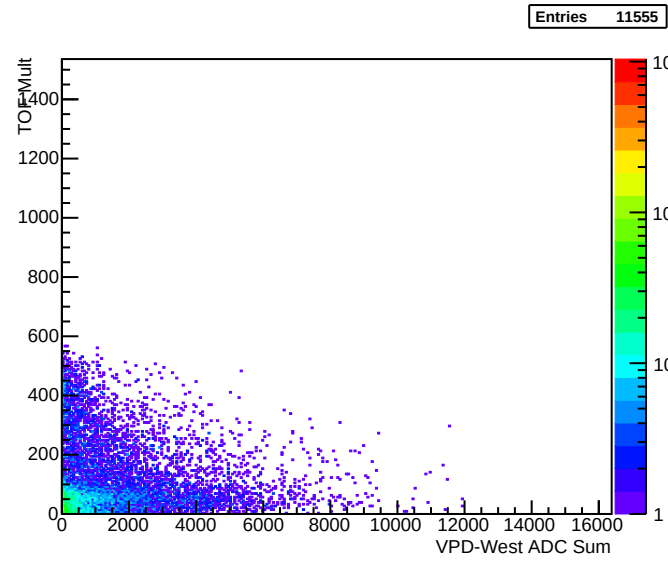

Entries 11555
TOF-Mult
BBC-S-East ADC Sum

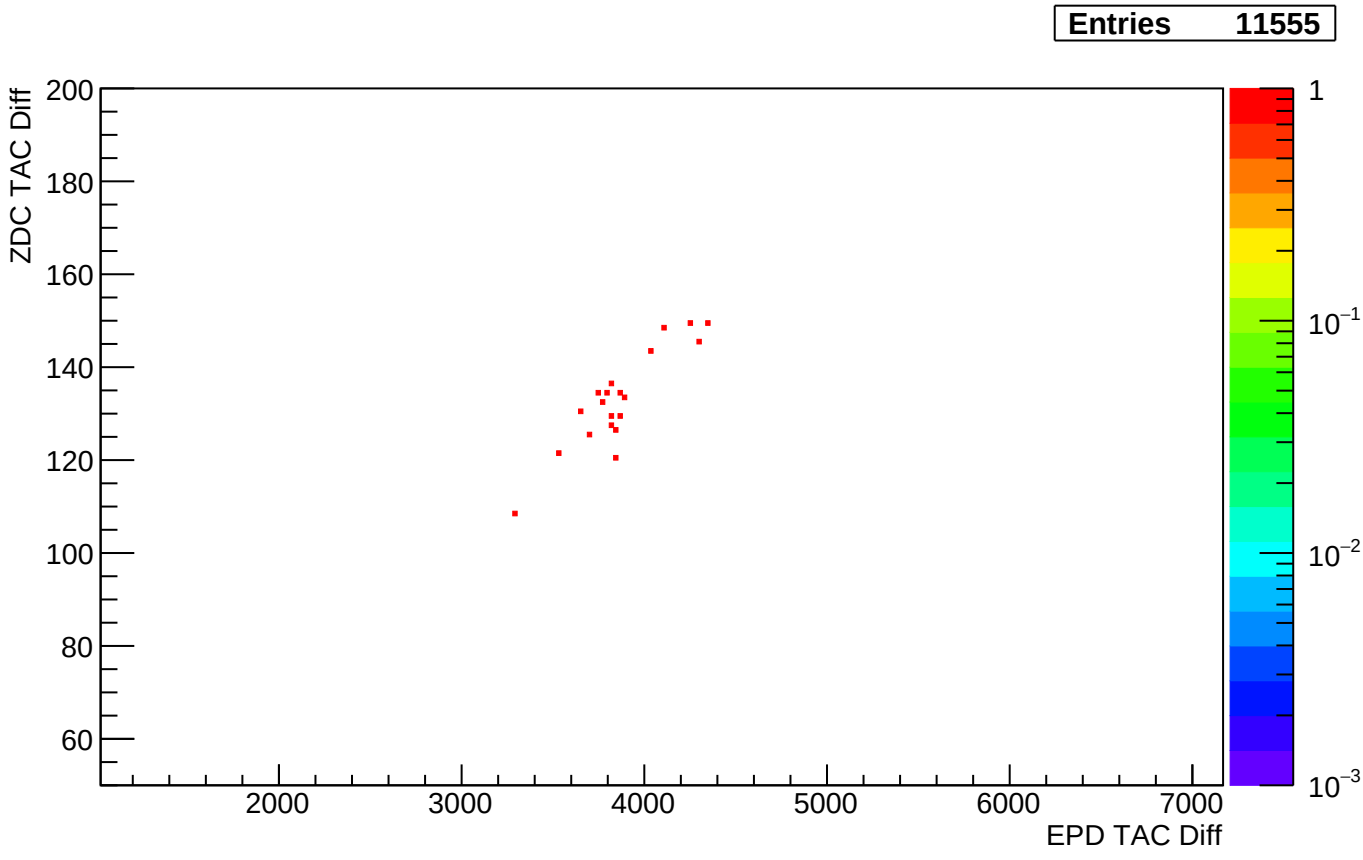

Entries 11555
TOF-Mult
BBC-S-West ADC Sum

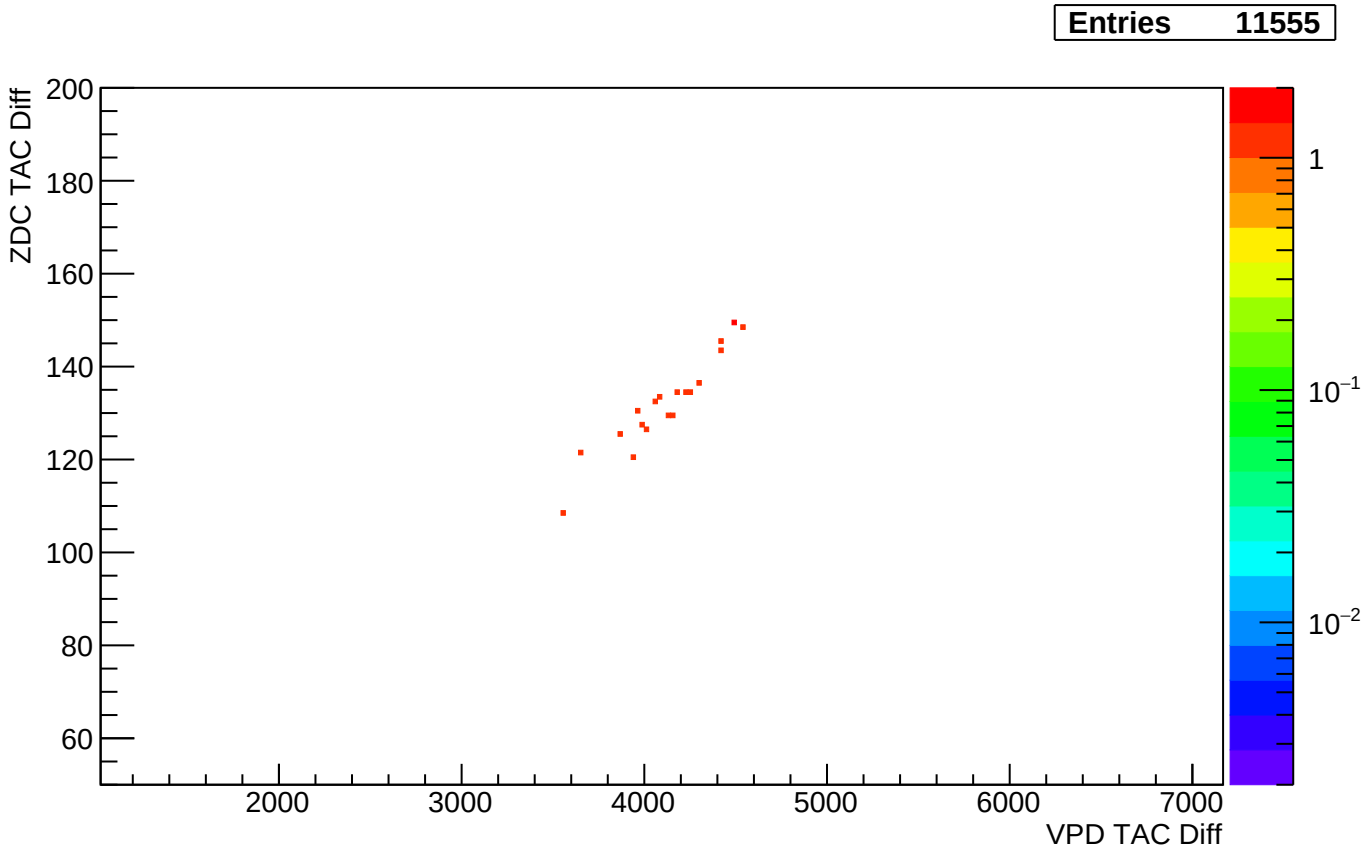

Entries 11555
TOF-Mult
EPD-East Hit Cnt

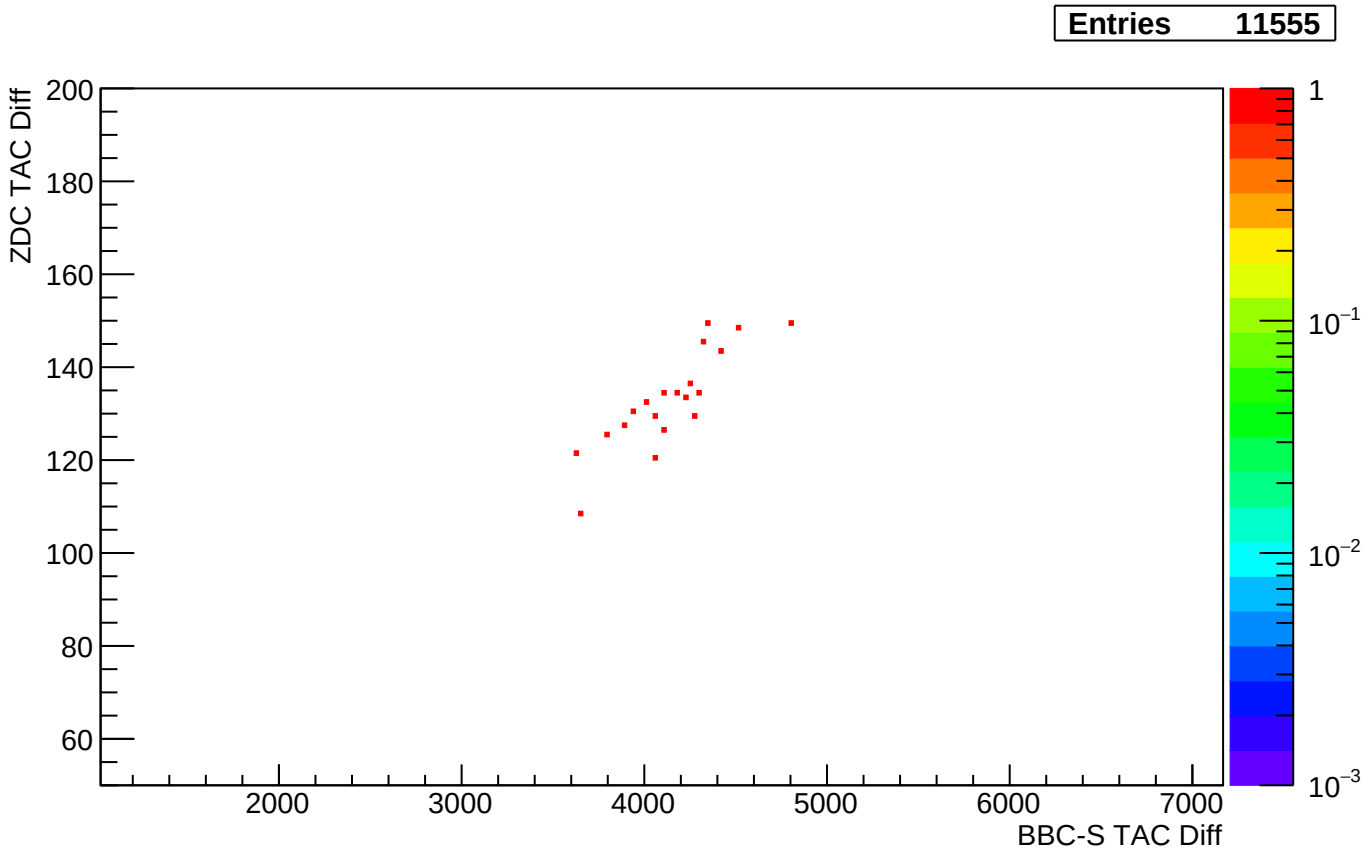

Entries 11555
TOF-Mult
EPD-West Hit Cnt

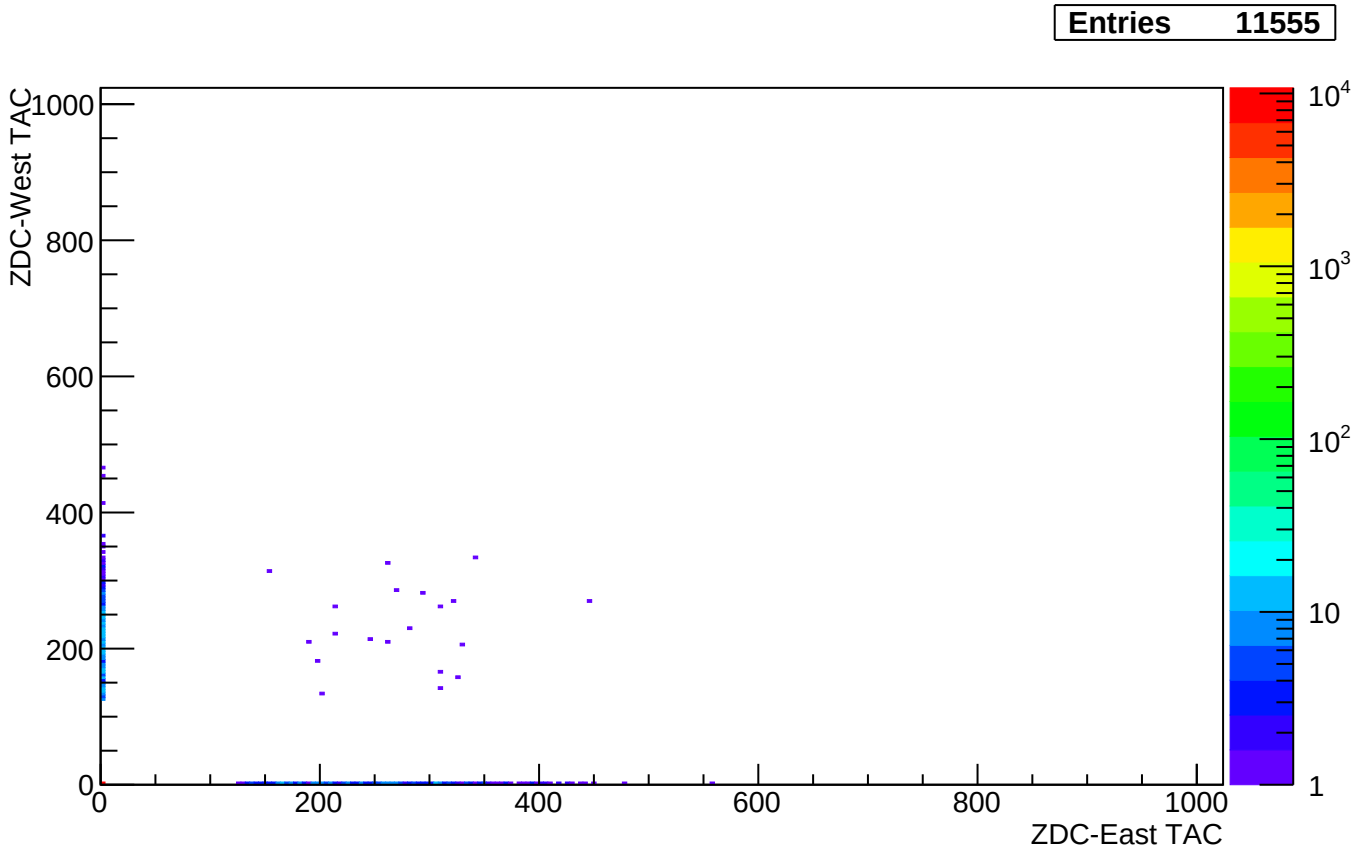

Entries 11555
TOF-Mult
VPD-East ADC Sum

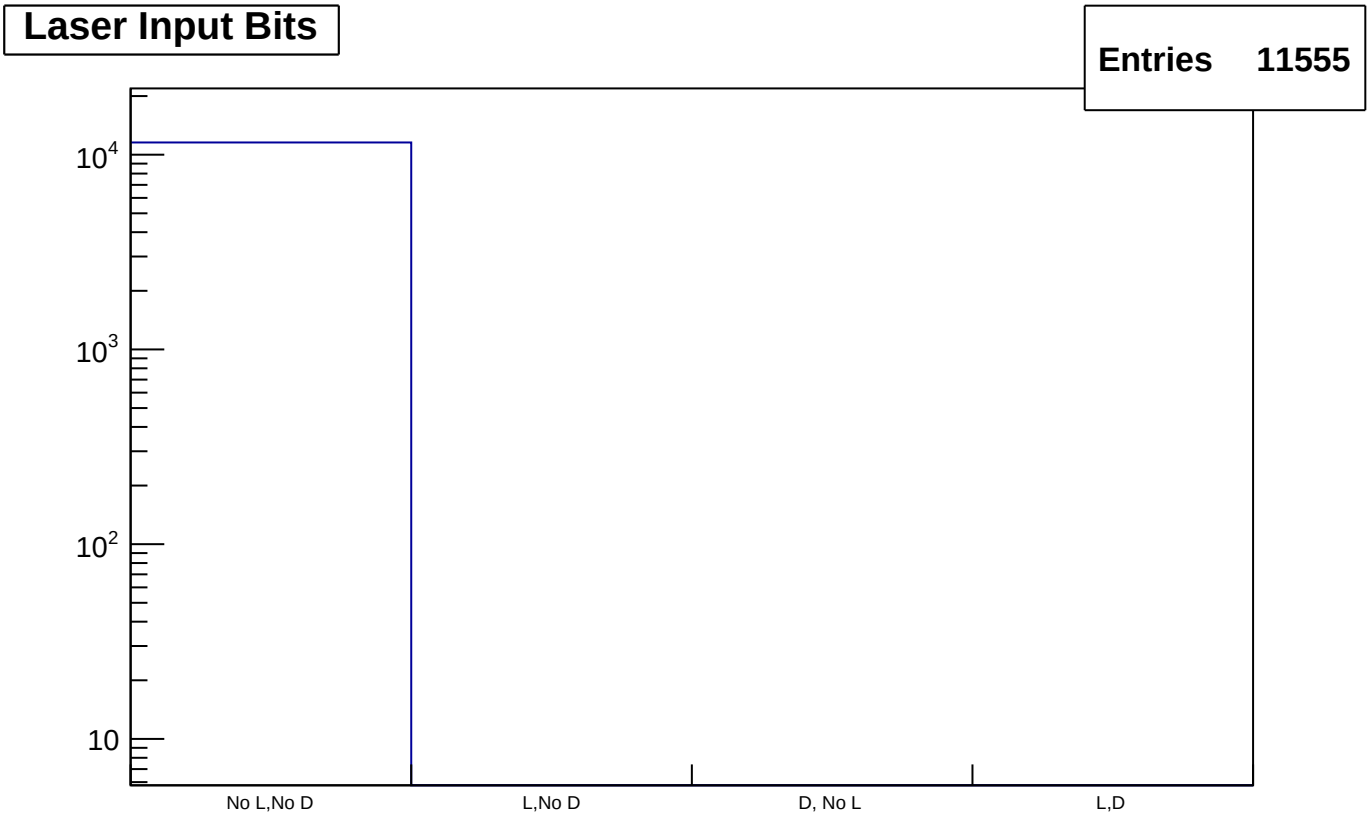

Entries 11555
TOF-Mult
VPD-West ADC Sum

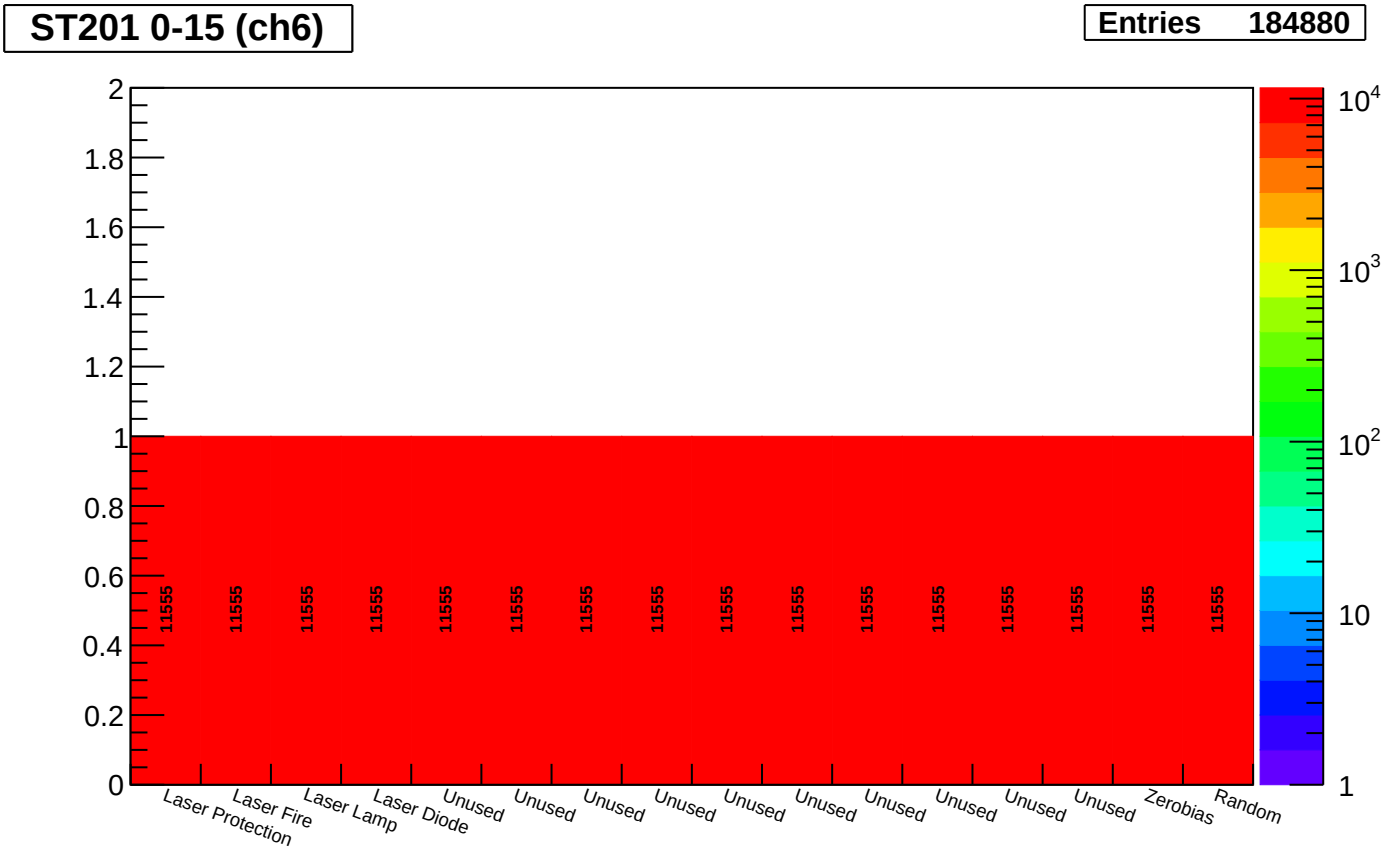

Entries 11555
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

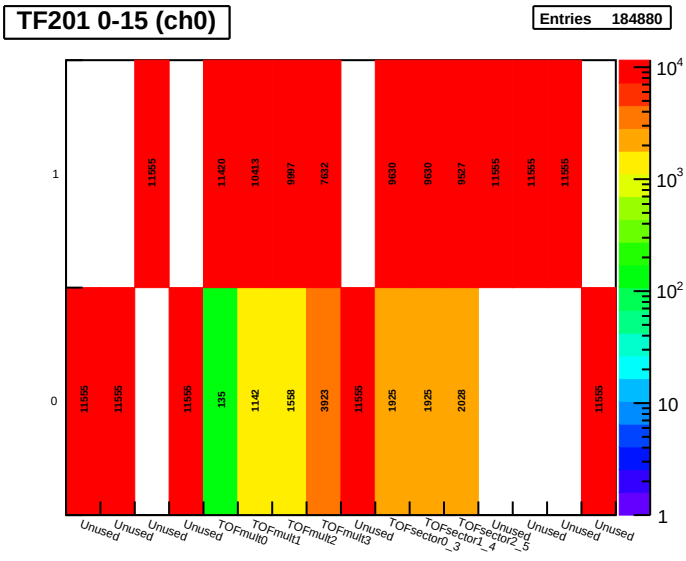

Entries 11555
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

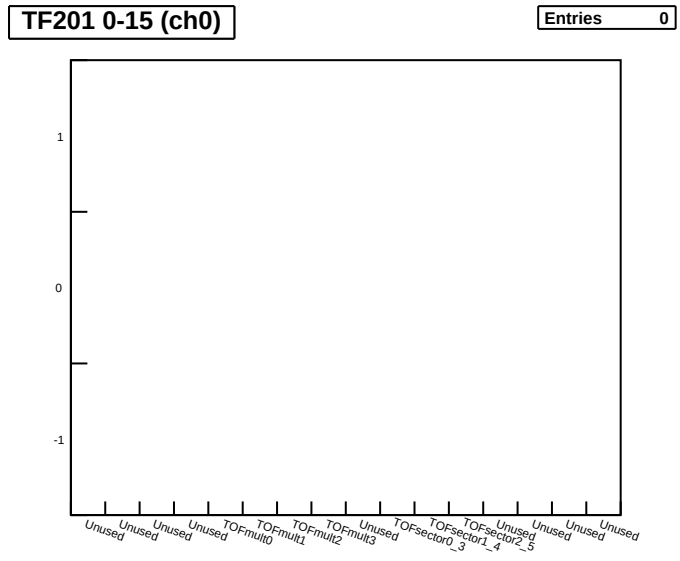

Entries 11555
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}

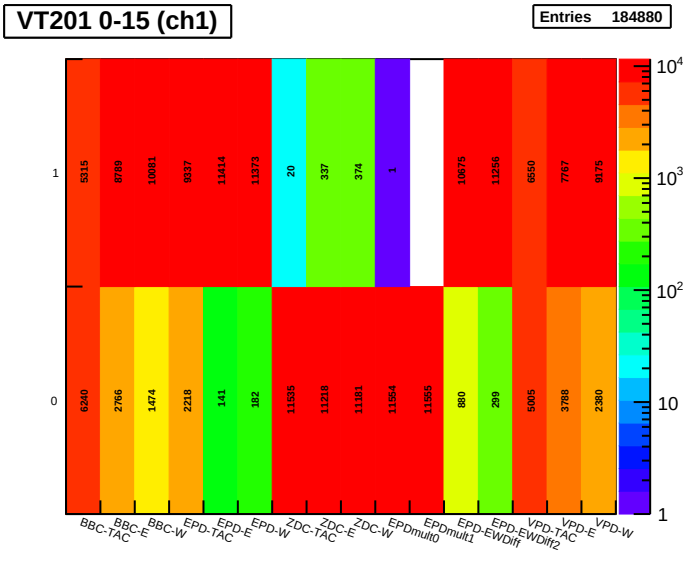

Entries 11555
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

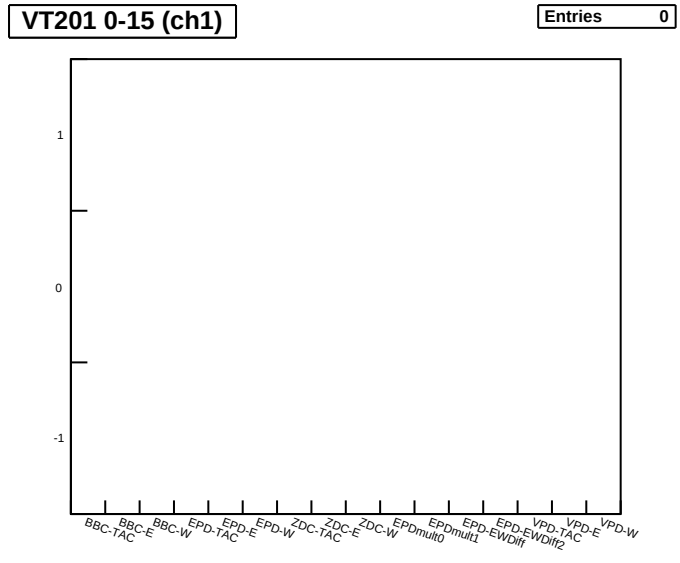

Laser Input Bits
Entries 11555
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

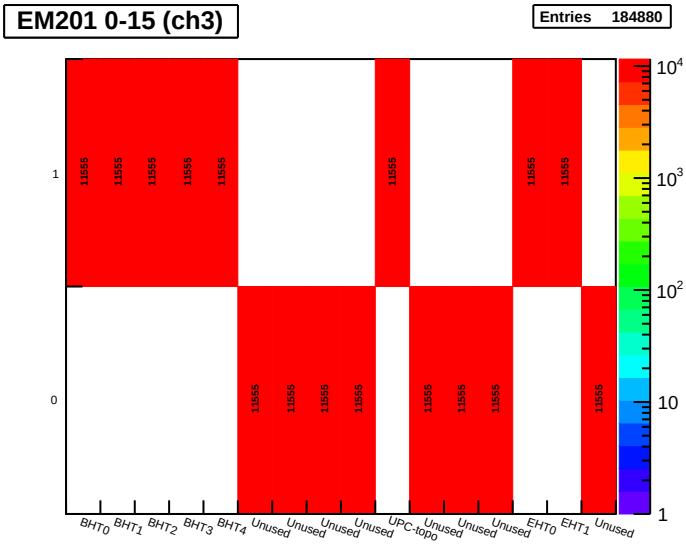

ST201 0-15 (ch6)
Entries 184880
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11555
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

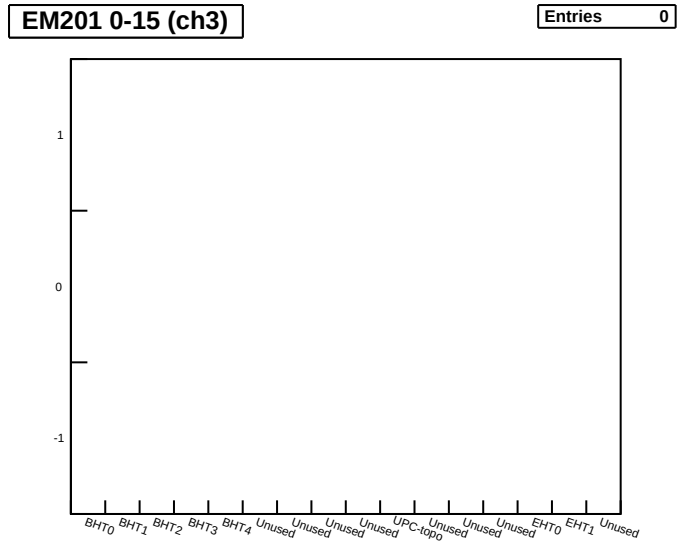

TF201 0-15 (ch0)
Entries 184880
1
0
11555
11420
10413
9997
7632
9630
9630
9527
11555
11555
11555
11555
11555
11555
135
1142
1598
3923
11555
1925
1925
2028
11555
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^4
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
Unused


VT201 0-15 (ch1)
Entries 184880
1
0
5315
8789
10081
9337
14414
11373
20
337
374
1
10675
11256
6550
7767
9175
6240
2766
1474
2218
141
182
11535
11218
11181
11554
11555
880
299
5005
3788
2380
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 184880
1
0
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
11555
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