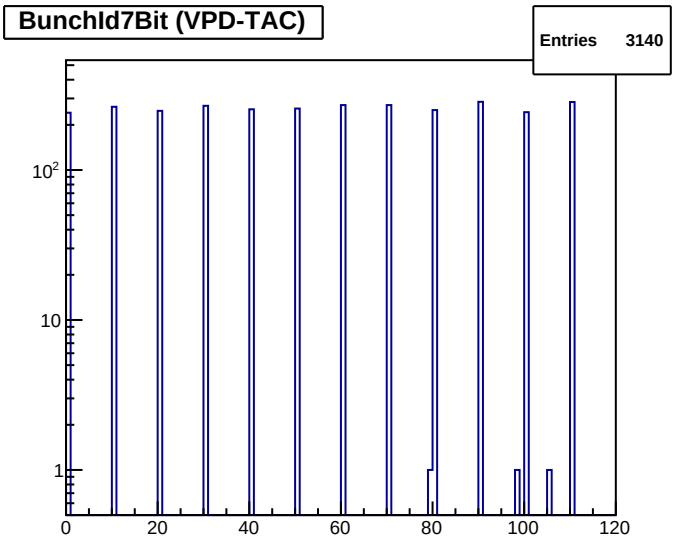
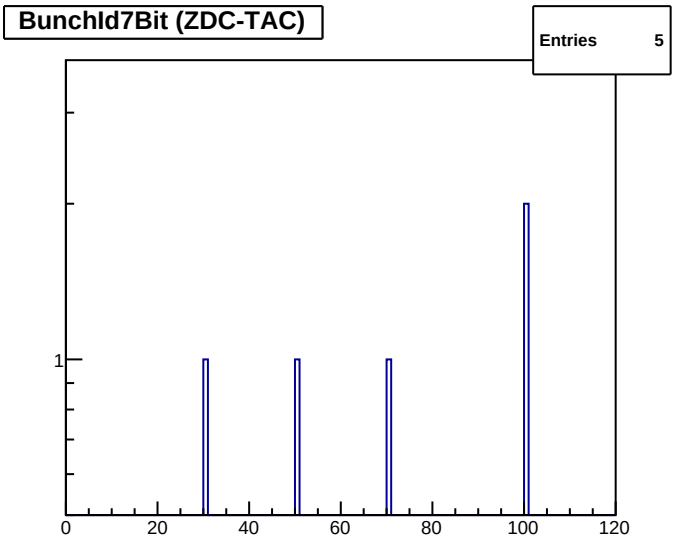
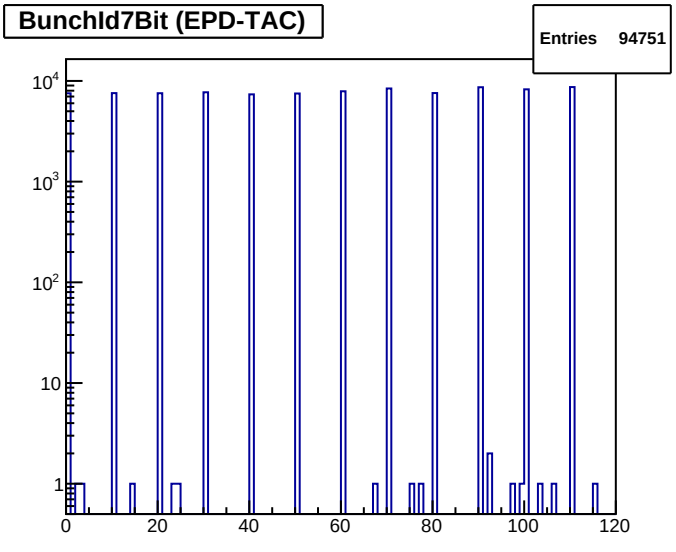
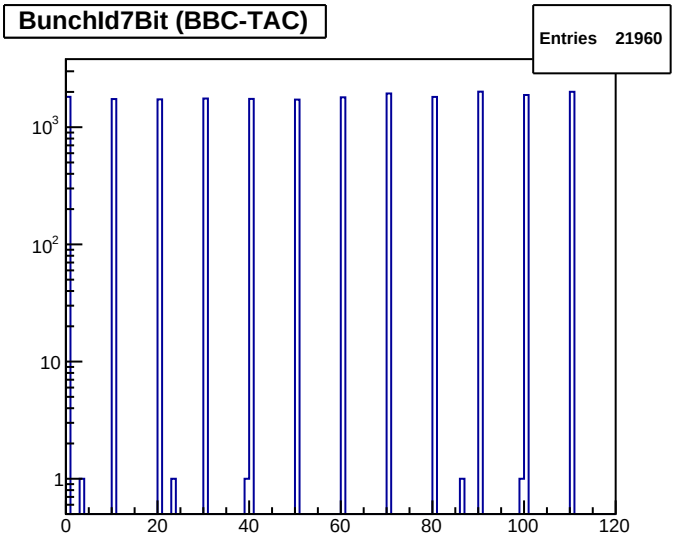
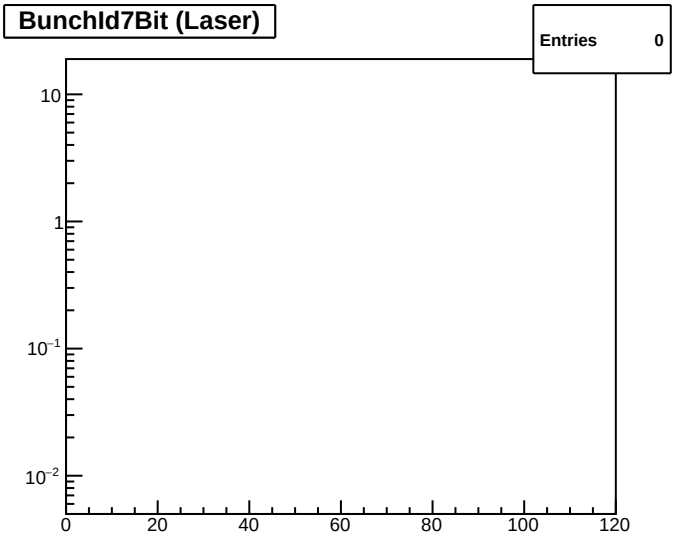
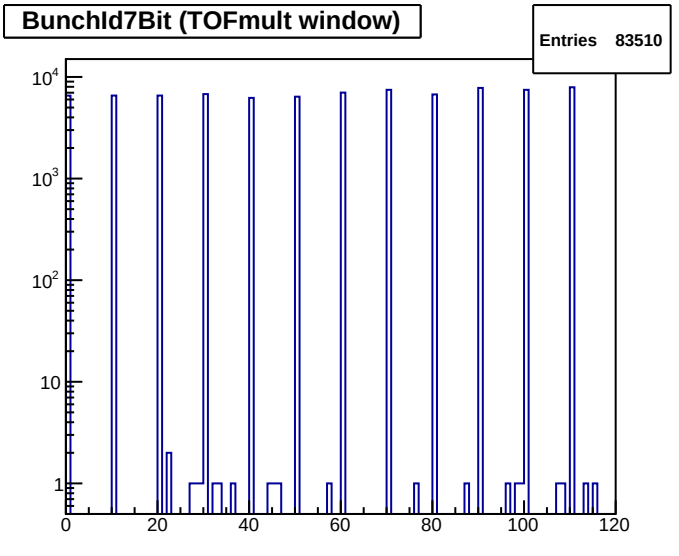

BunchId7Bit (VPD-TAC)
Entries 3140

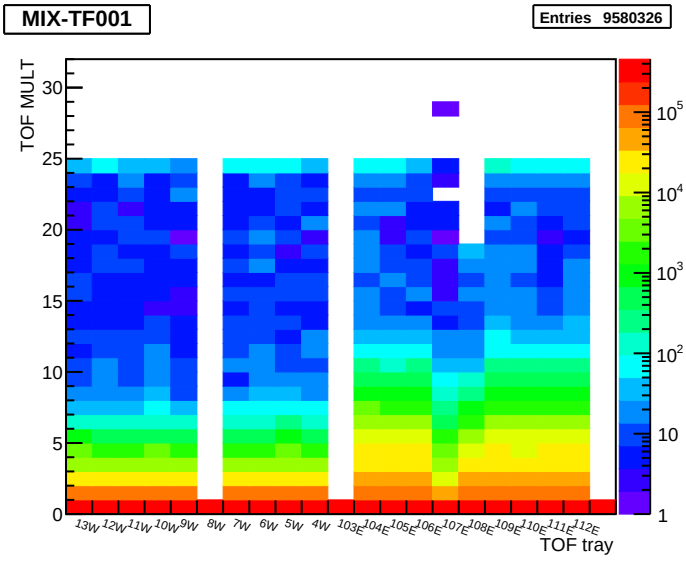

BunchId7Bit (ZDC-TAC)
Entries 5

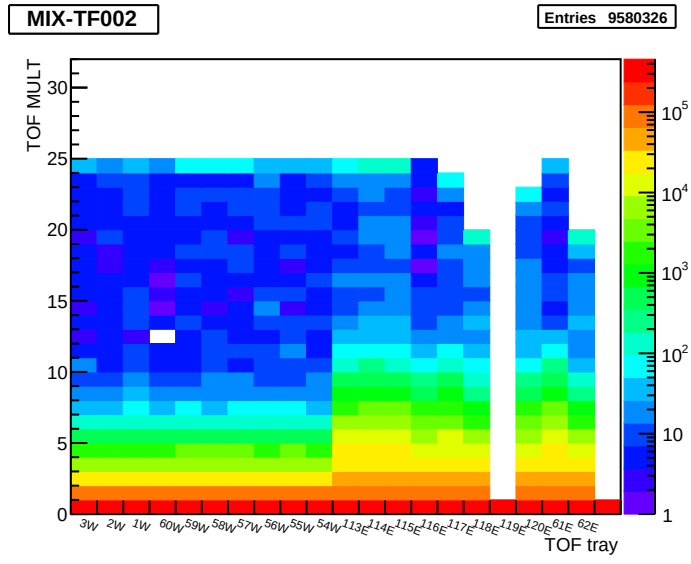

BunchId7Bit (EPD-TAC)
Entries 94751

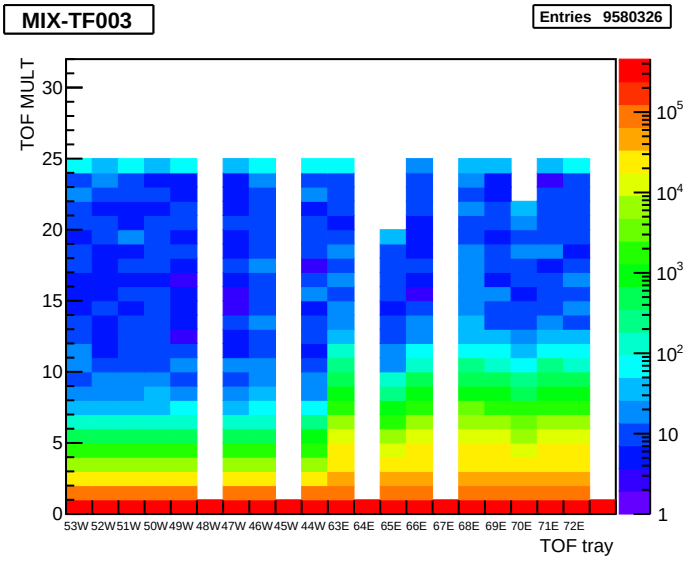

BunchId7Bit (BBC-TAC)
Entries 21960

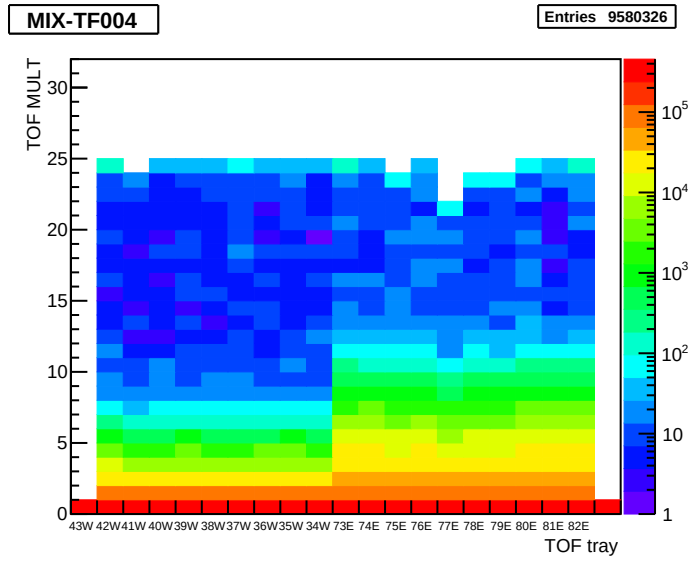

BunchId7Bit (Laser)
Entries 0

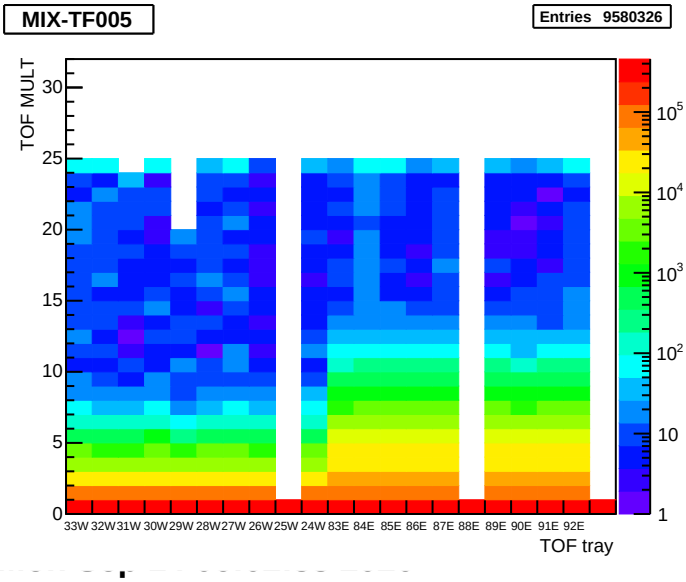

BunchId7Bit (TOFmult window)
Entries 83510

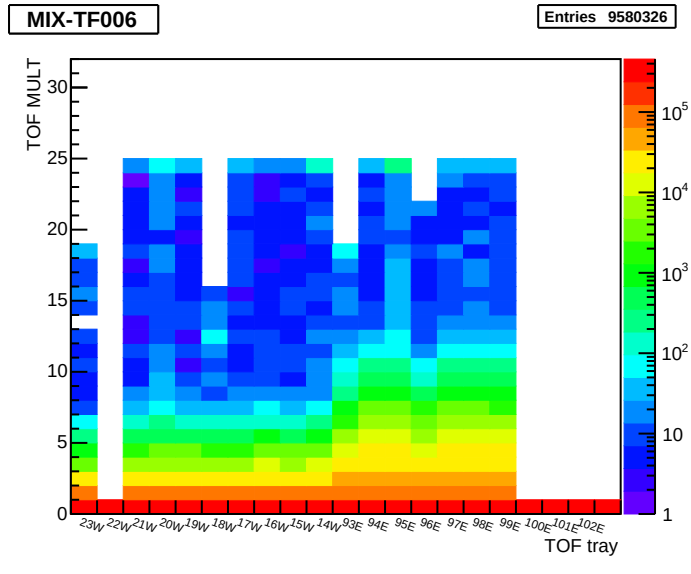

MIX-TF001
Entries 9580326
TOF MULT
TOF tray

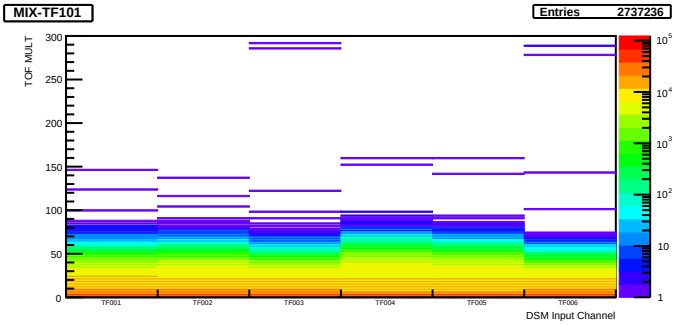

MIX-TF002
Entries 9580326
TOF MULT
TOF tray

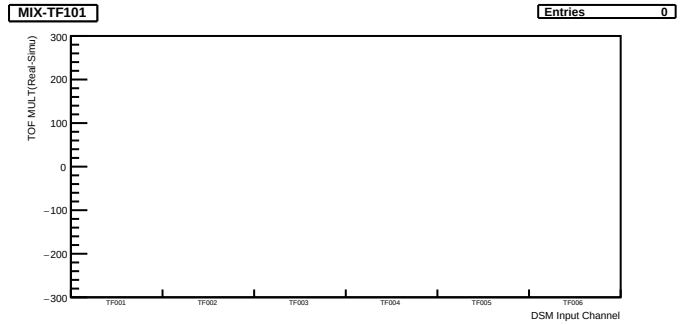

MIX-TF003
Entries 9580326
TOF MULT
TOF tray

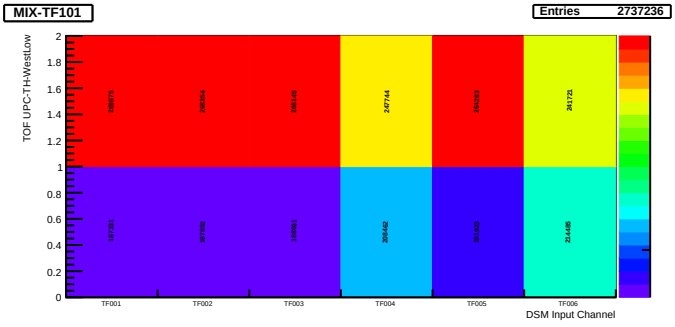

MIX-TF004
Entries 9580326
TOF MULT
TOF tray

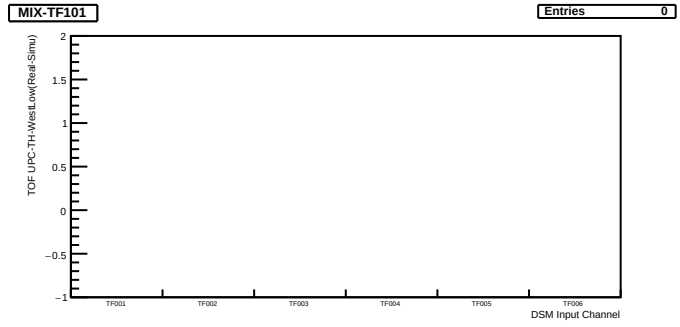

MIX-TF005
Entries 9580326
TOF MULT
TOF tray

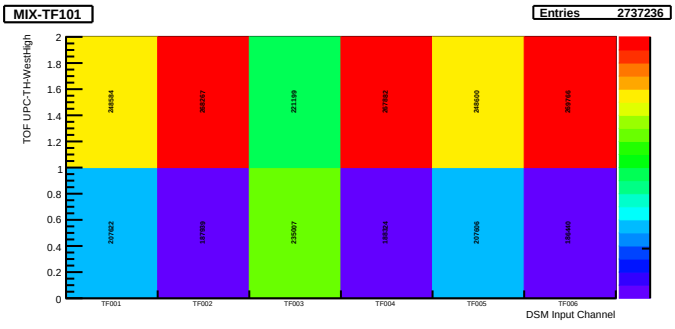

MIX-TF006
Entries 9580326
TOF MULT
TOF tray

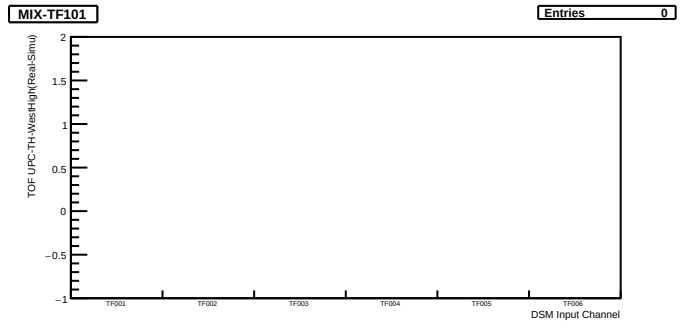

MIX-TF101
Entries 2737236
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

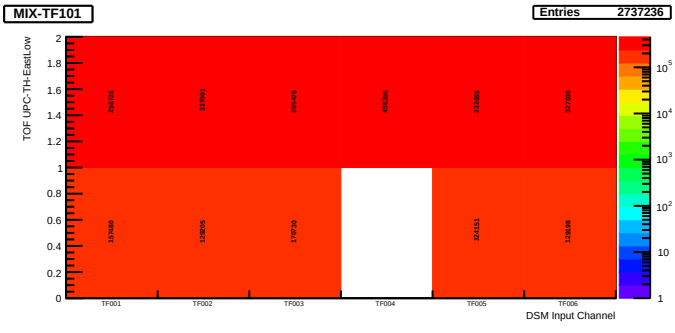

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

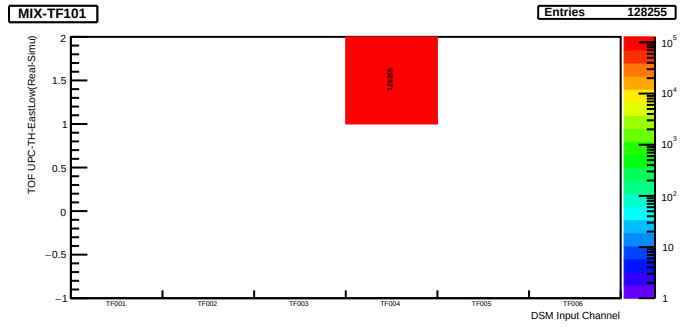

MIX-TF101
Entries 2737236
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

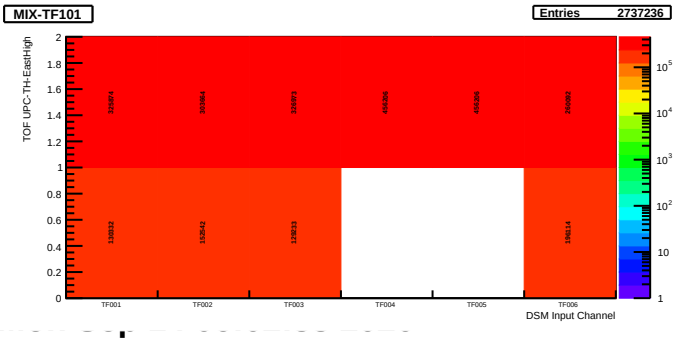

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

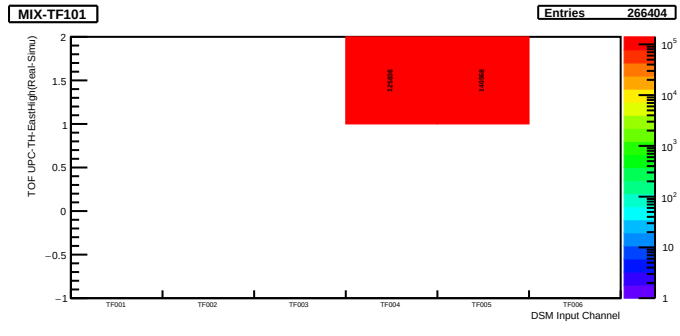

MIX-TF101
Entries 2737236
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

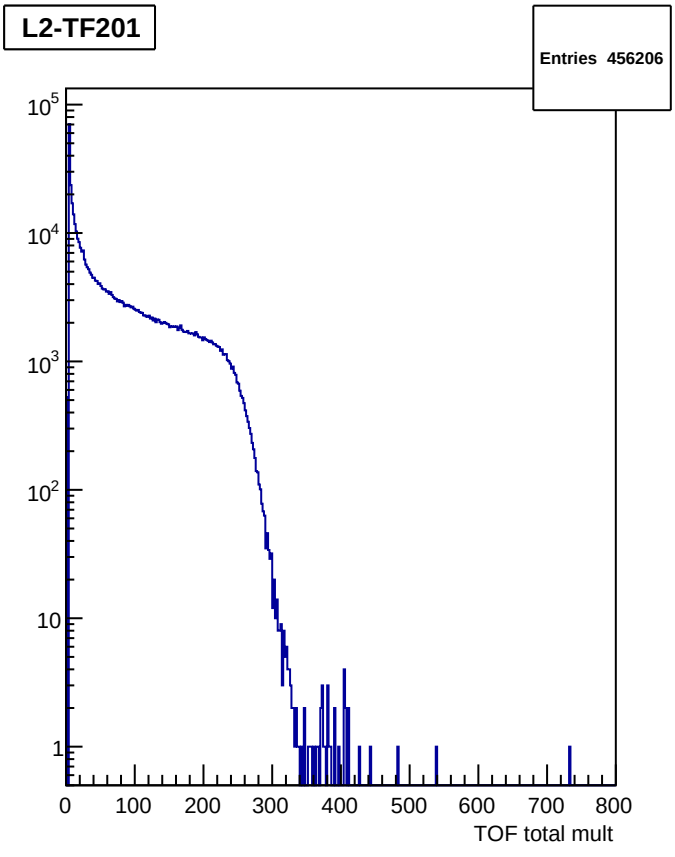

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

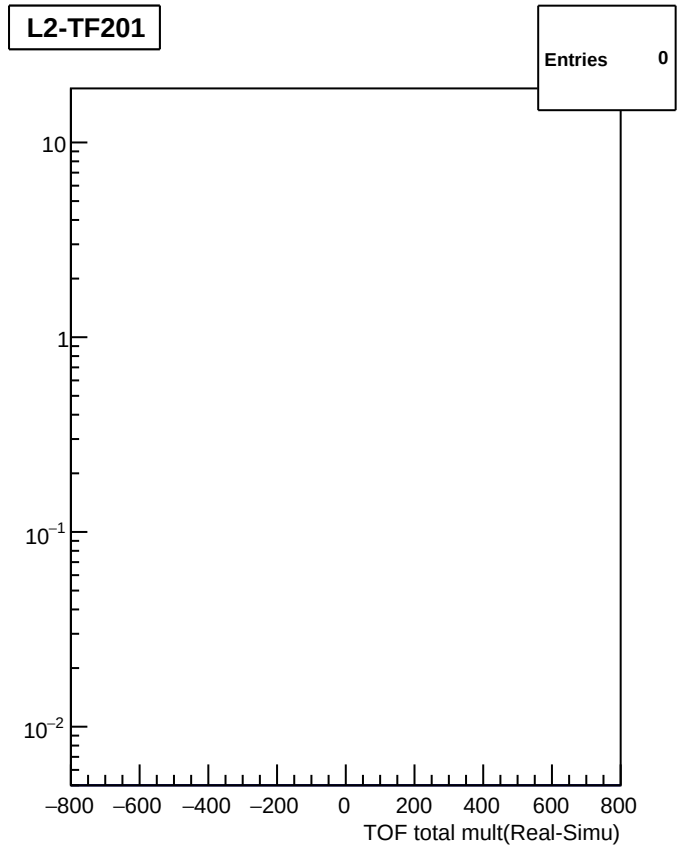

MIX-TF101
Entries 2737236
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

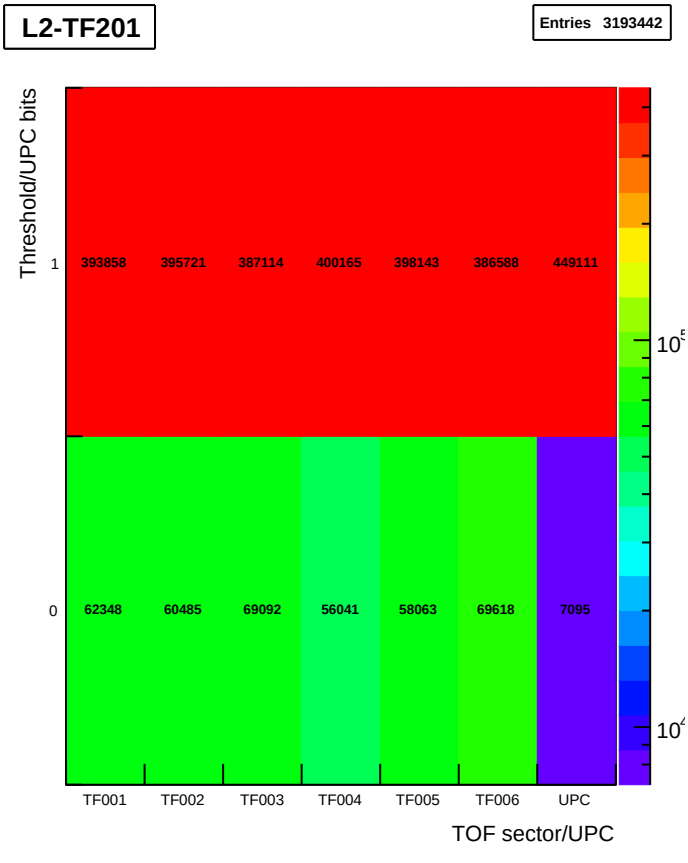

MIX-TF101
Entries 128255
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

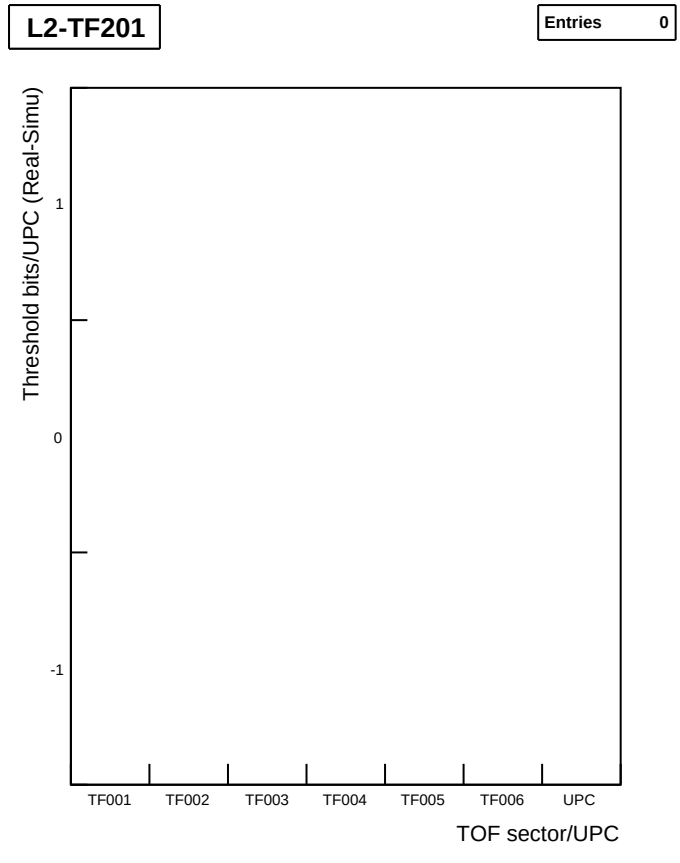

MIX-TF101
Entries 2737236
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

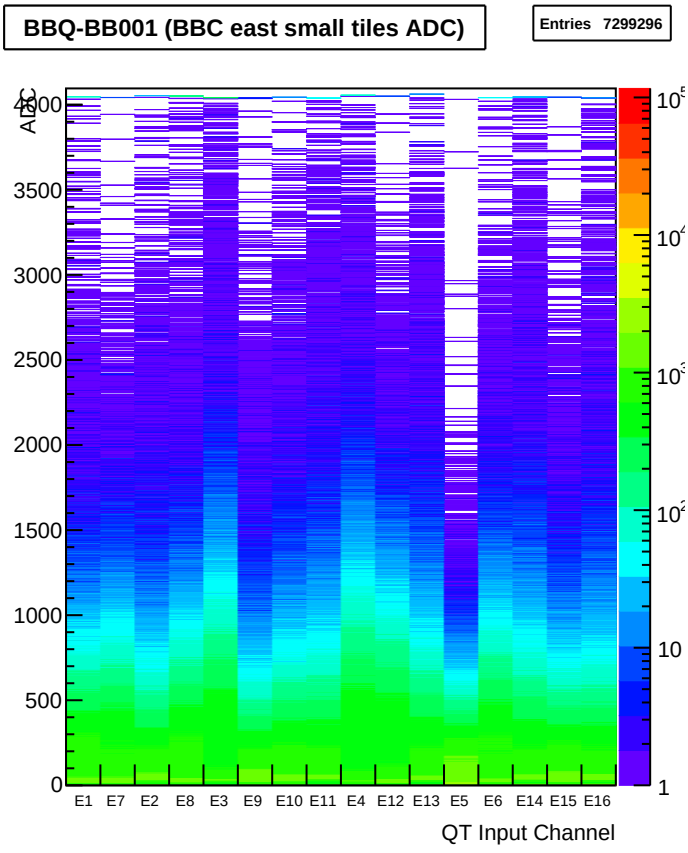

MIX-TF101
Entries 266404
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

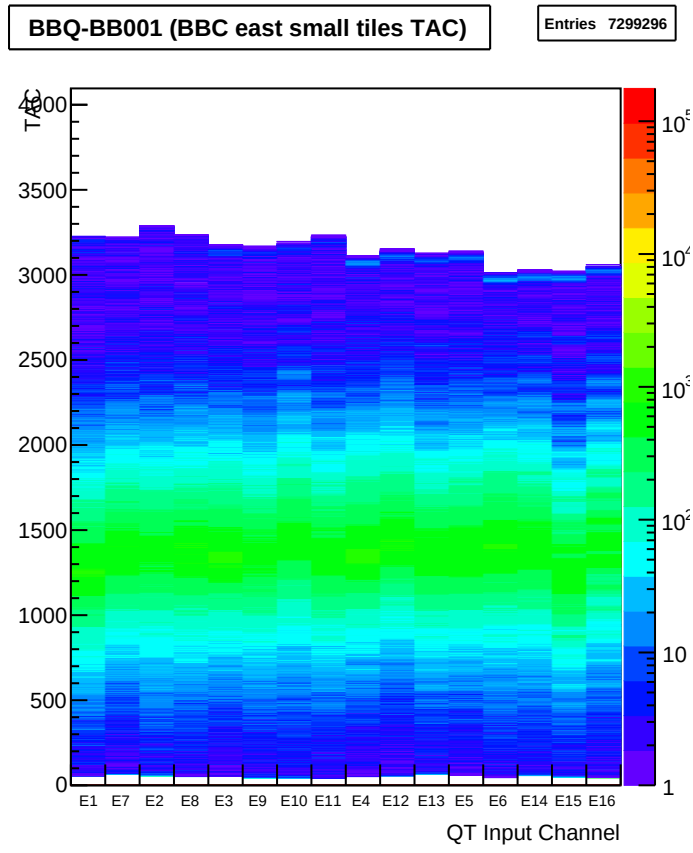

L2-TF201
Entries 456206
TOF total mult

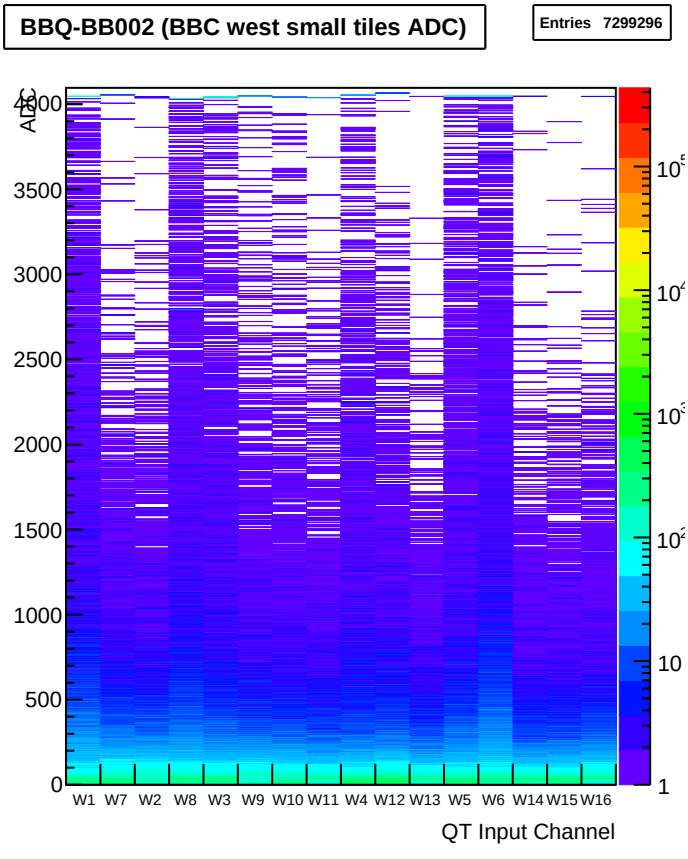

L2-TF201
Entries 0
TOF total mult(Real-Simu)

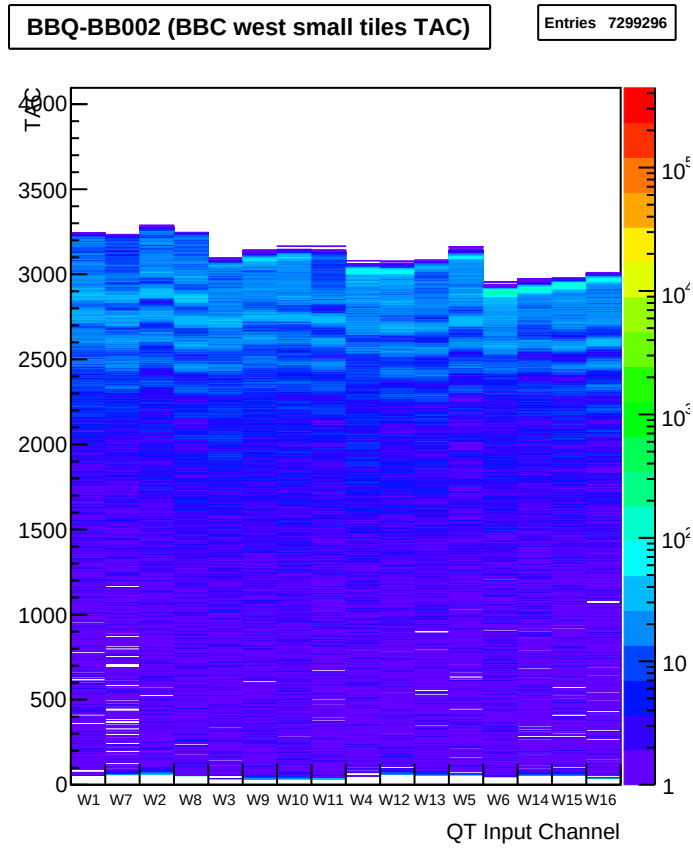

L2-TF201
Entries 3193442
Threshold/UPC bits
393858
395721
387114
400165
398143
386588
449111
62348
60485
69092
56041
58063
69618
7095
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

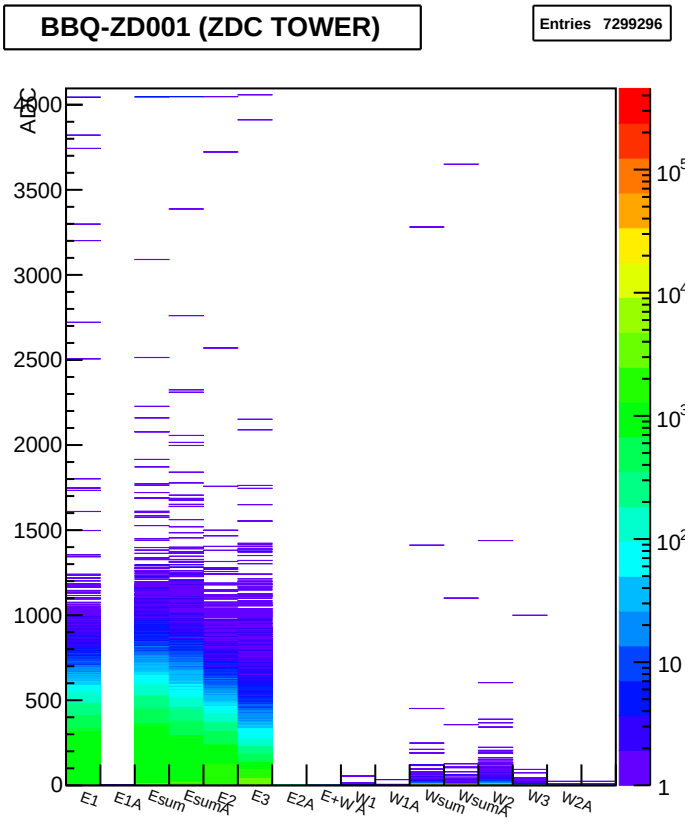

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

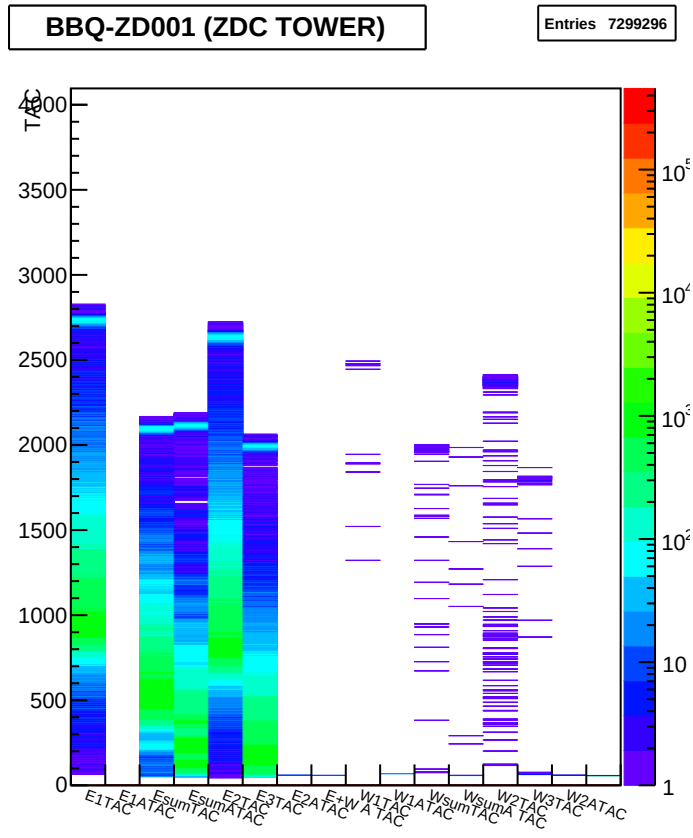

BBQ-BB001 (BBC east small tiles ADC)
Entries 7299296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

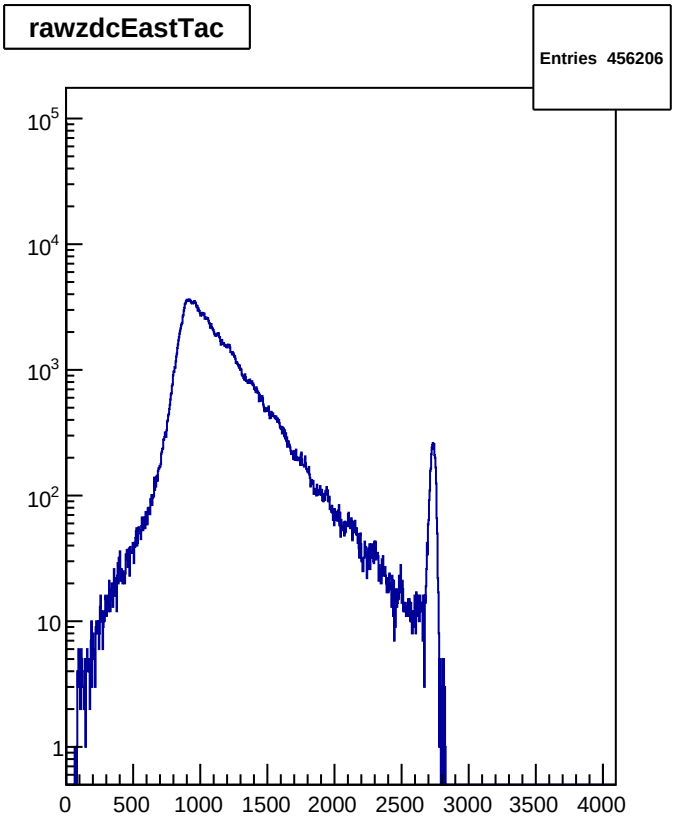

BBQ-BB001 (BBC east small tiles TAC)
Entries 7299296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

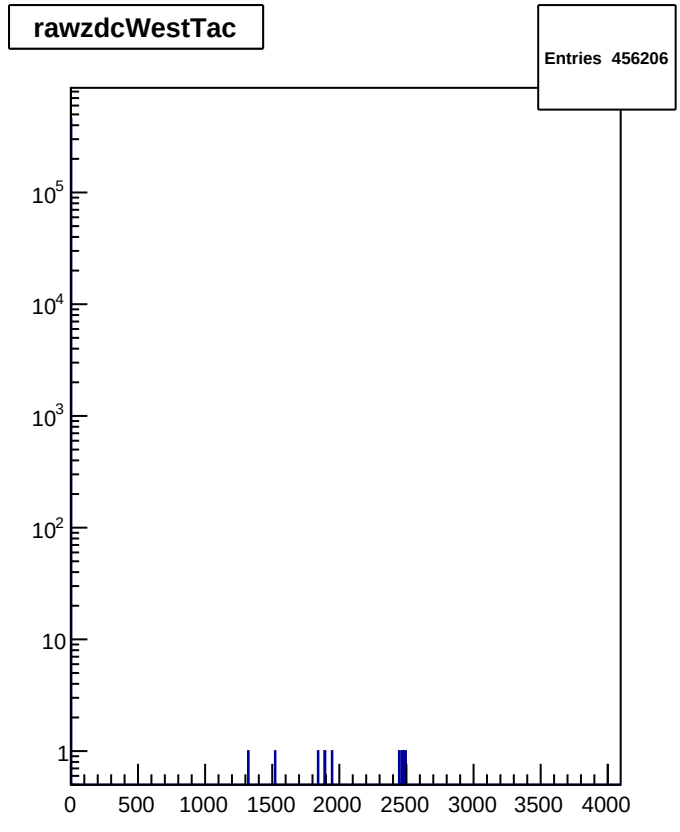

BBQ-BB002 (BBC west small tiles ADC)
Entries 7299296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

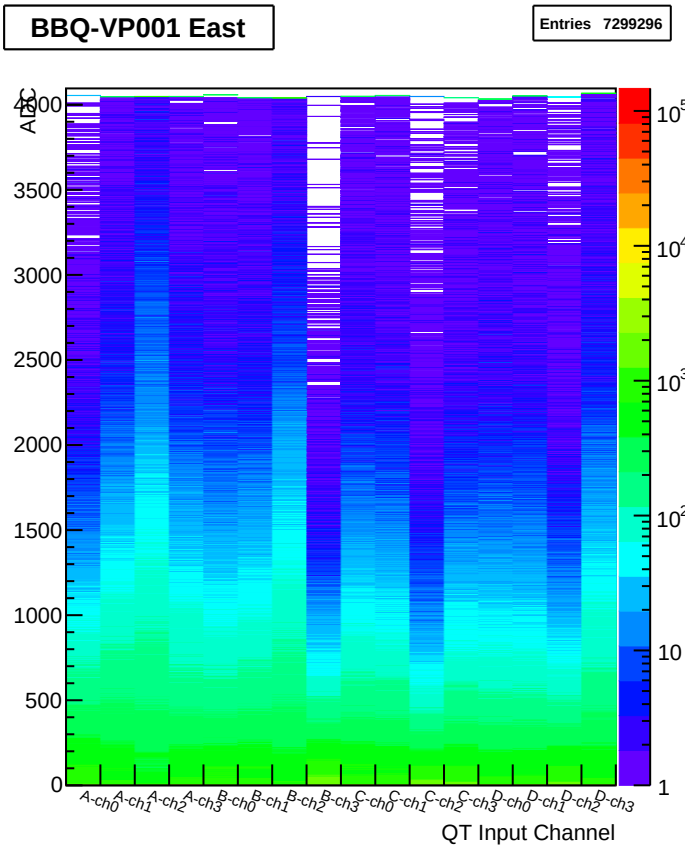

BBQ-BB002 (BBC west small tiles TAC)
Entries 7299296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

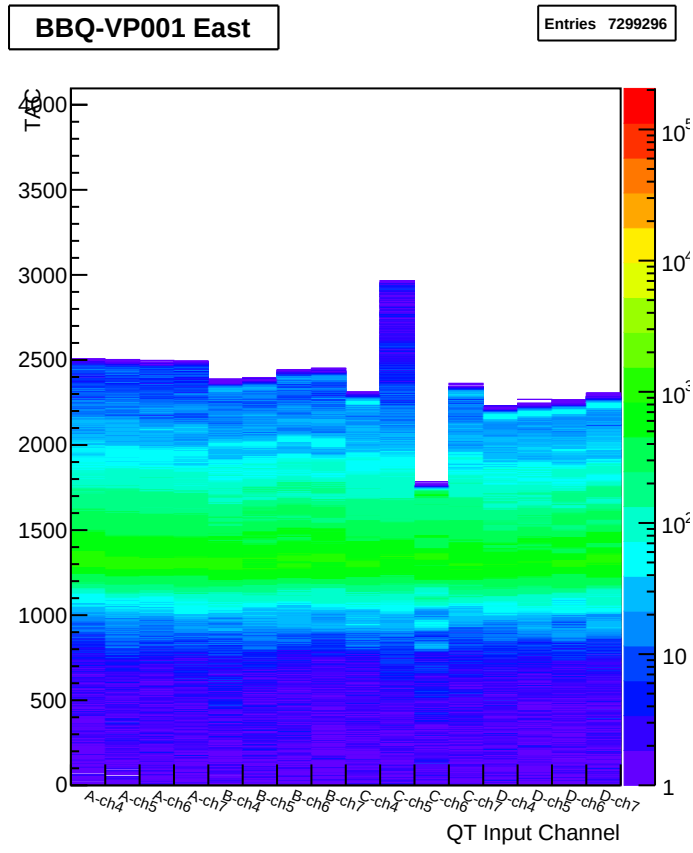

BBQ-ZD001 (ZDC TOWER)
Entries 7299296
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

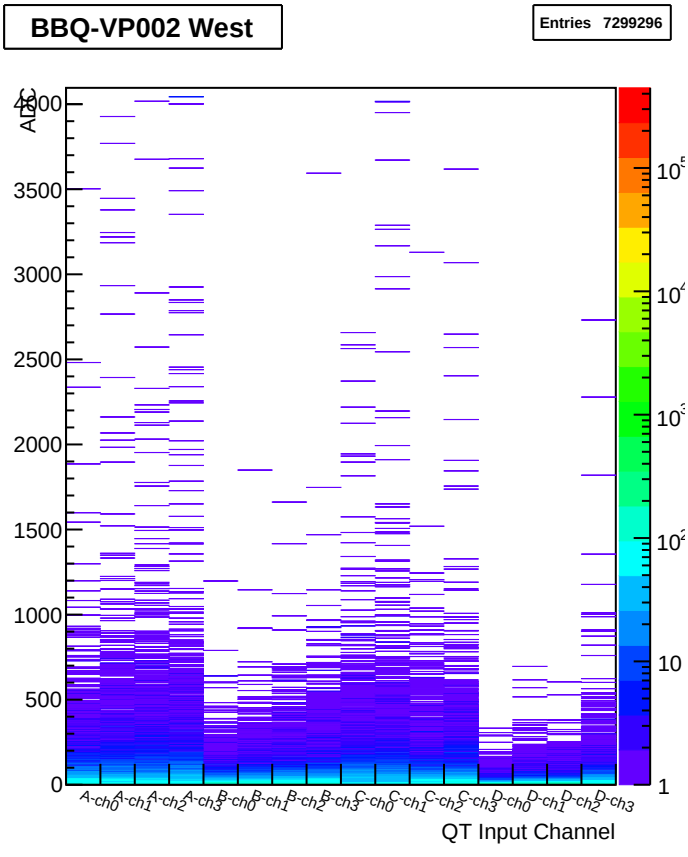

BBQ-ZD001 (ZDC TOWER)
Entries 7299296
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

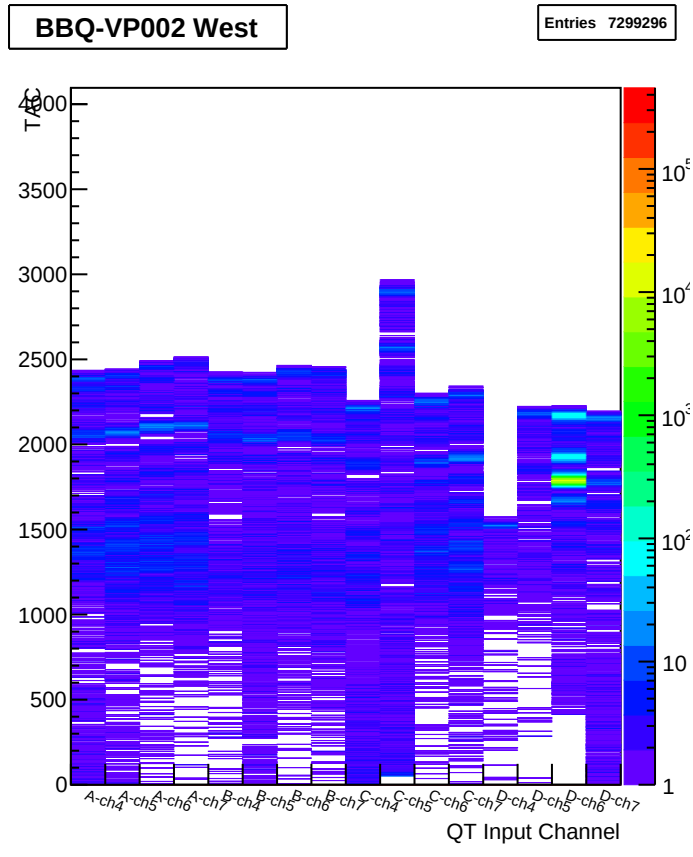

rawzdcEastTac
Entries 456206

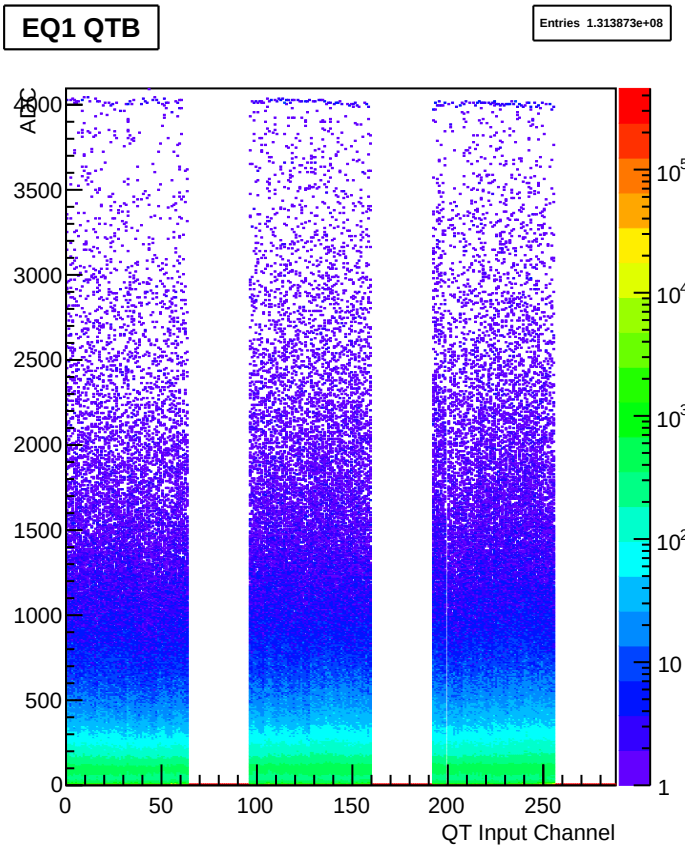

rawzdcWestTac
Entries 456206

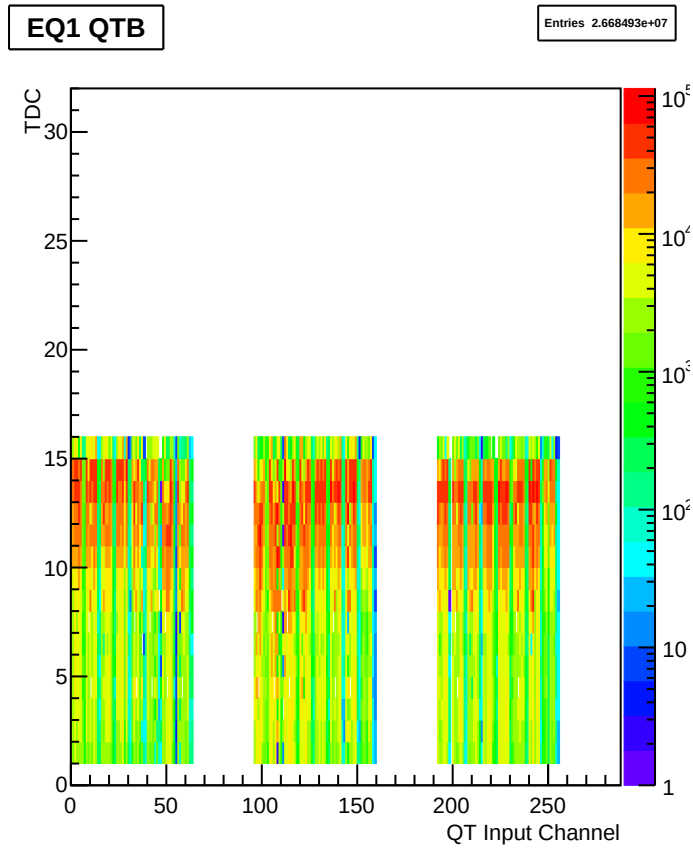

BBQ-VP001 East
Entries 7299296
ADC
QT Input Channel

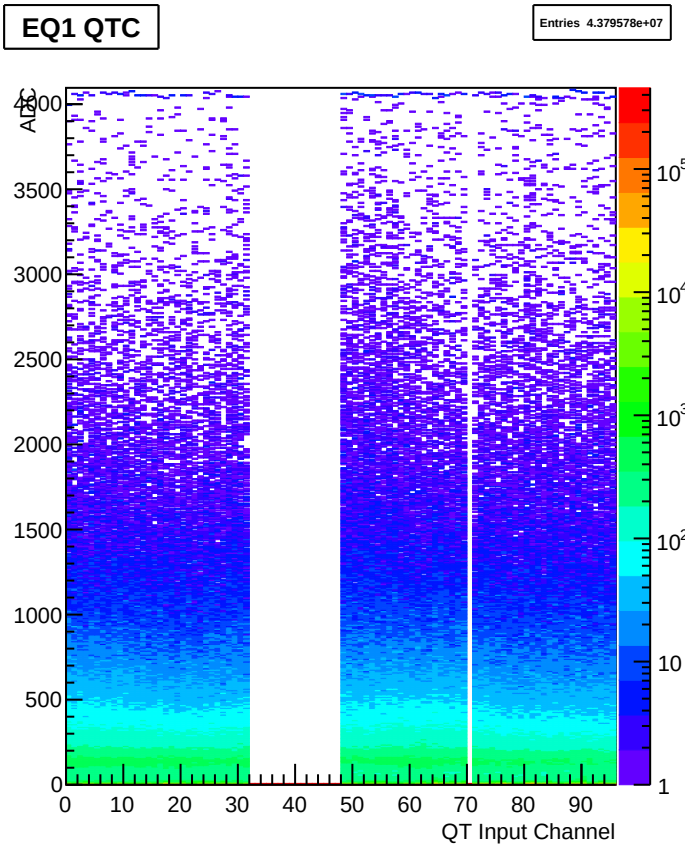

BBQ-VP001 East
Entries 7299296
ADC
QT Input Channel

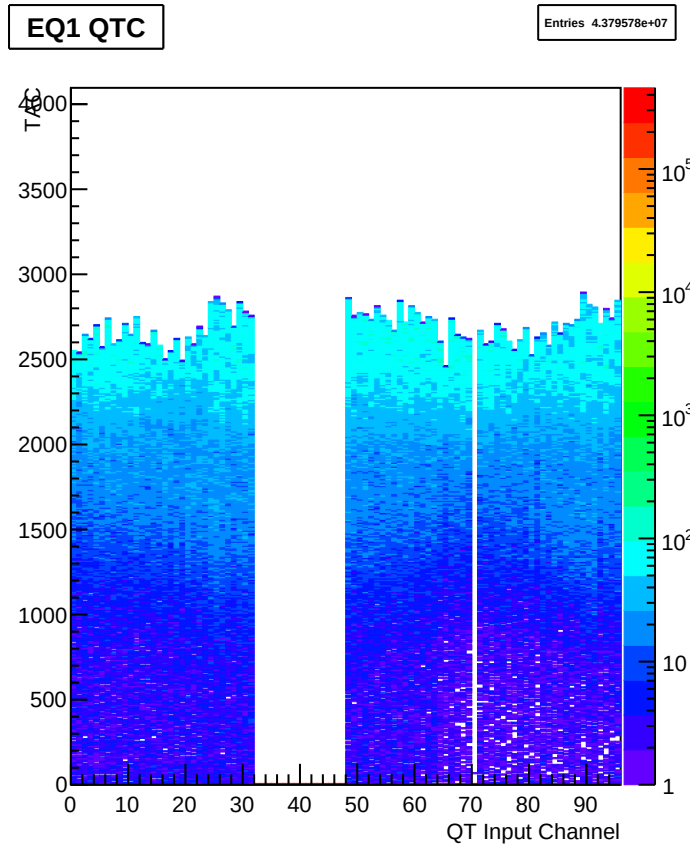

BBQ-VP002 West
Entries 7299296
ADC
QT Input Channel

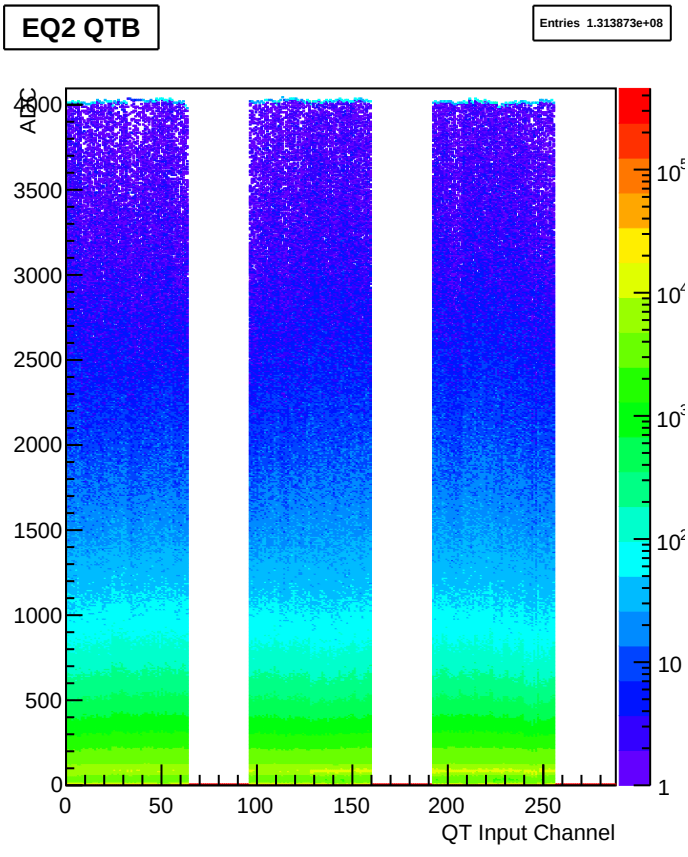

BBQ-VP002 West
Entries 7299296
ADC
QT Input Channel

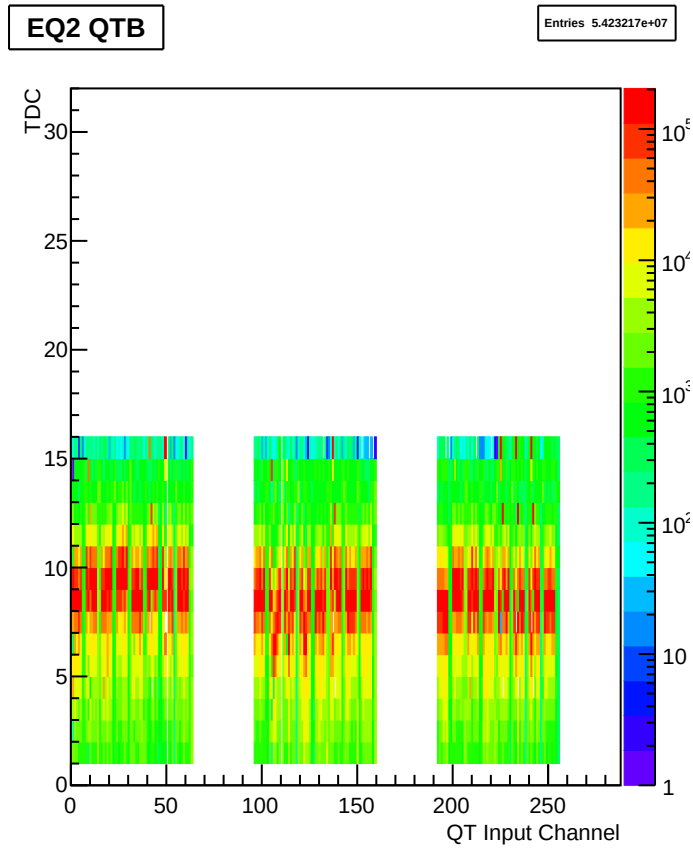

EQ1 QTB
Entries 1.313873e+08
ADC
QT Input Channel

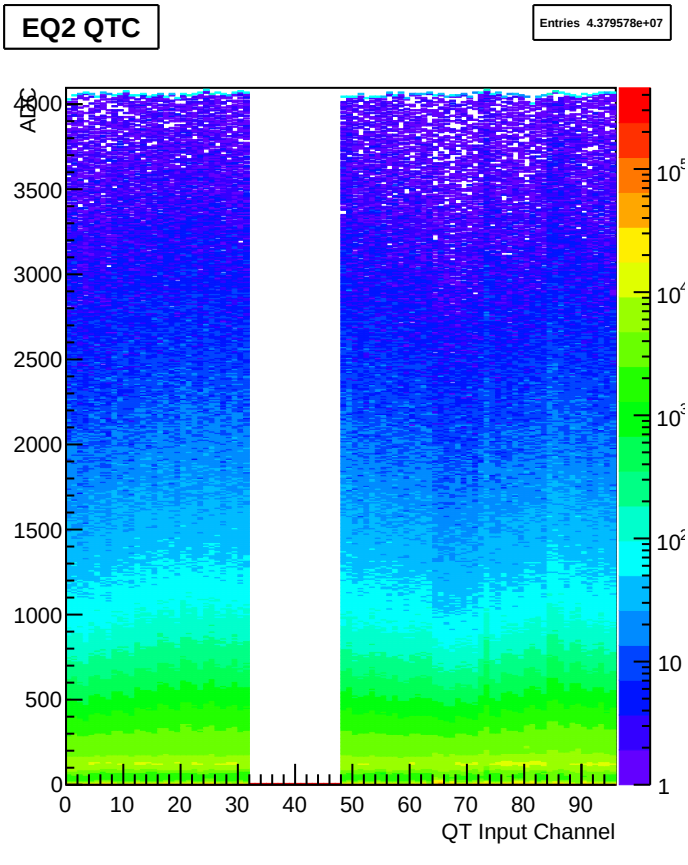

EQ1 QTB
Entries 2.668493e+07
TDC
QT Input Channel

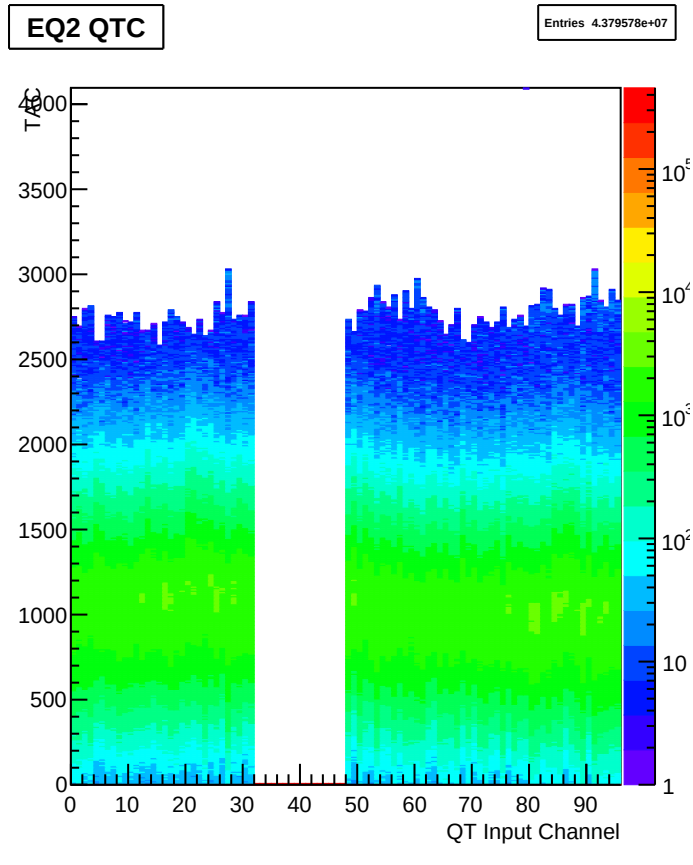

EQ1 QTC
Entries 4.379578e+07
ADC
QT Input Channel

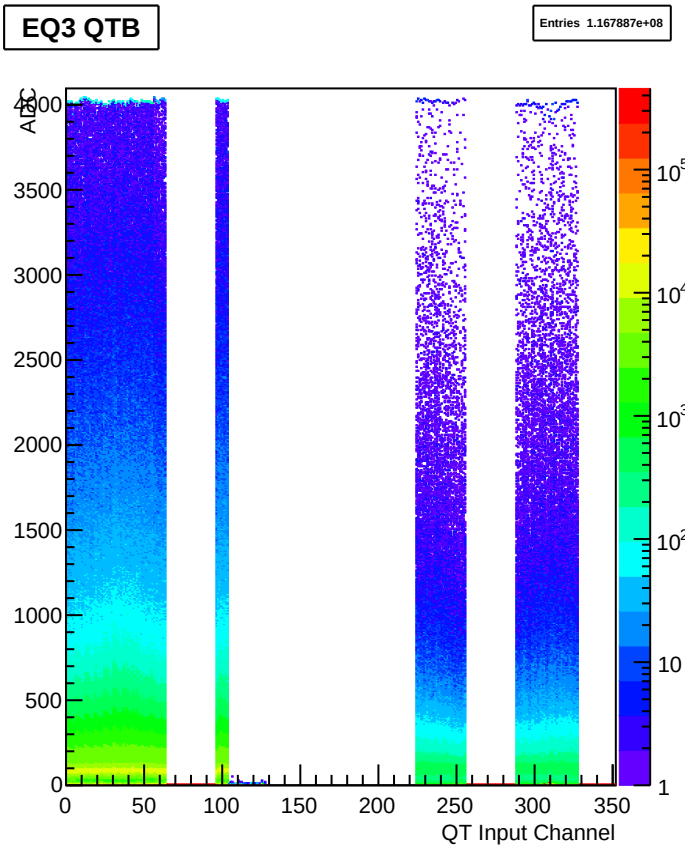

EQ1 QTC
Entries 4.379578e+07
TADC
QT Input Channel

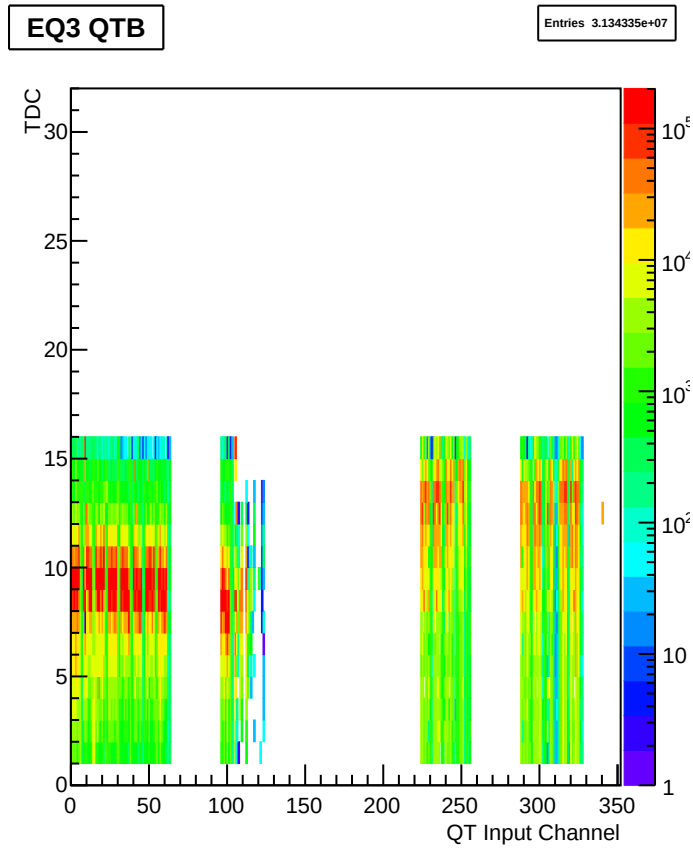

EQ2 QTB
Entries 1.313873e+08
ADC
QT Input Channel

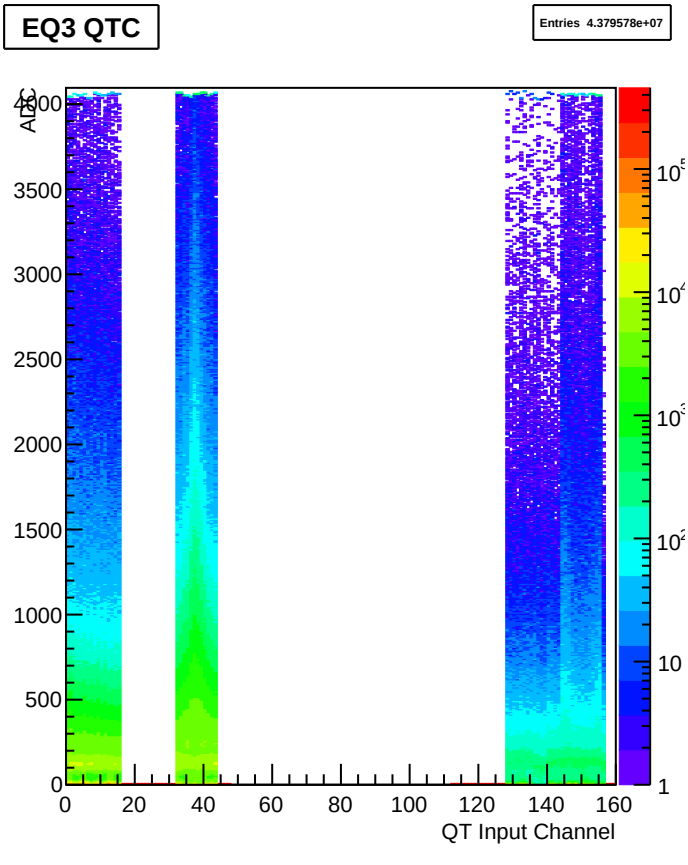

EQ2 QTB
Entries 5.423217e+07
TDC
QT Input Channel

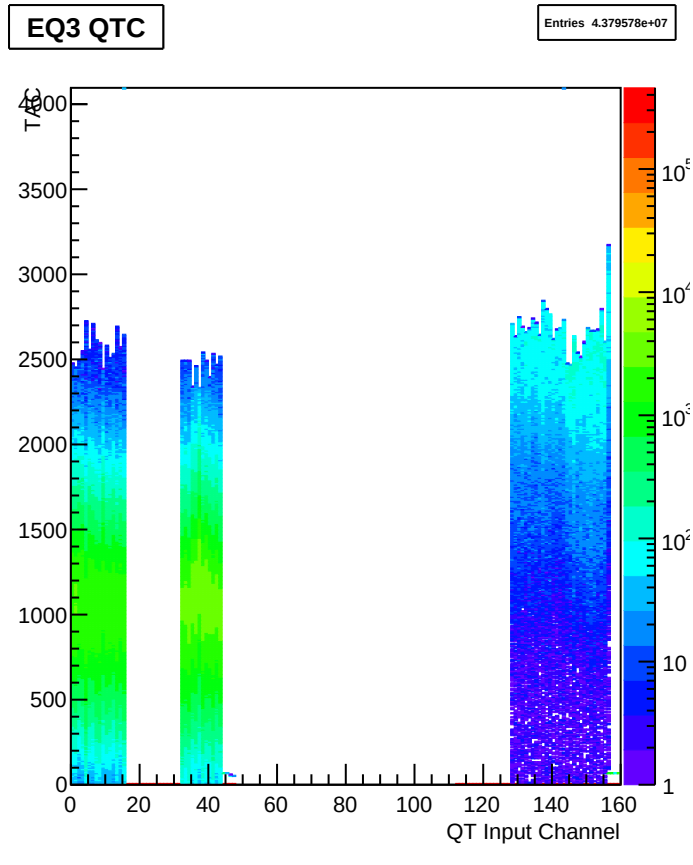

EQ2 QTC
Entries 4.379578e+07
ADC
QT Input Channel

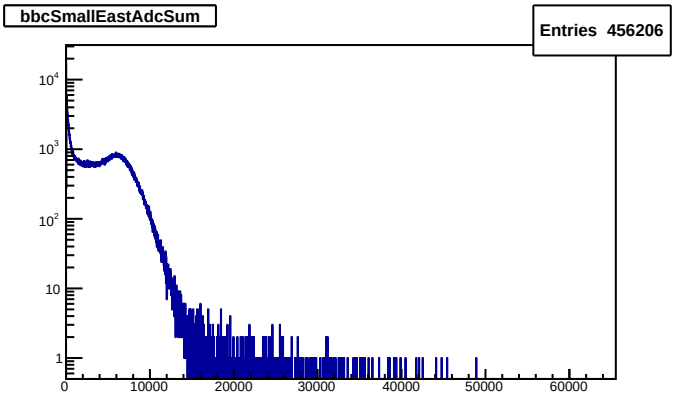

EQ2 QTC
Entries 4.379578e+07
TADC
QT Input Channel

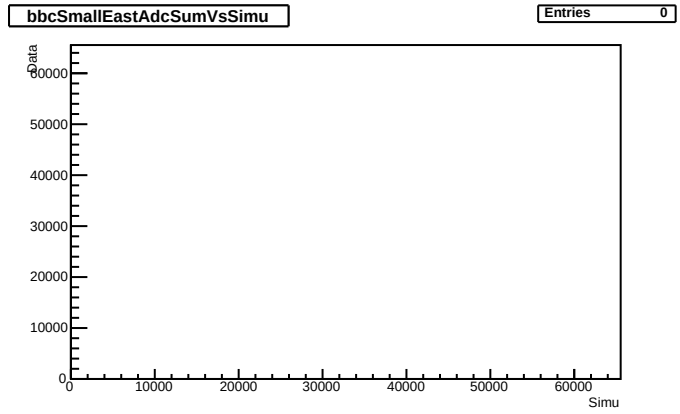

EQ3 QTB
Entries 1.167887e+08
ADC
QT Input Channel

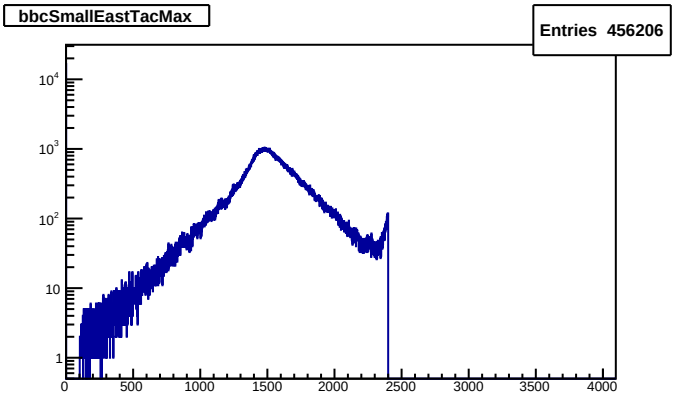

EQ3 QTB
Entries 3.134335e+07
TDC
QT Input Channel

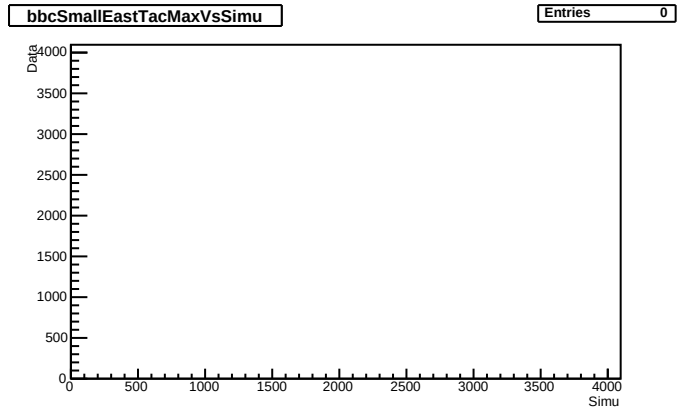

EQ3 QTC
Entries 4.379578e+07
ADC
QT Input Channel

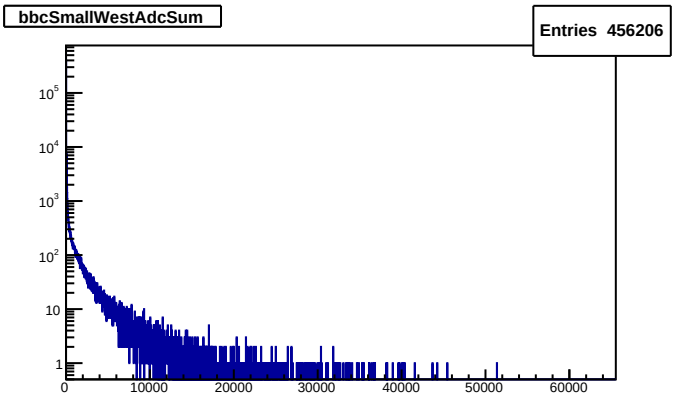

EQ3 QTC
Entries 4.379578e+07
TADC
QT Input Channel

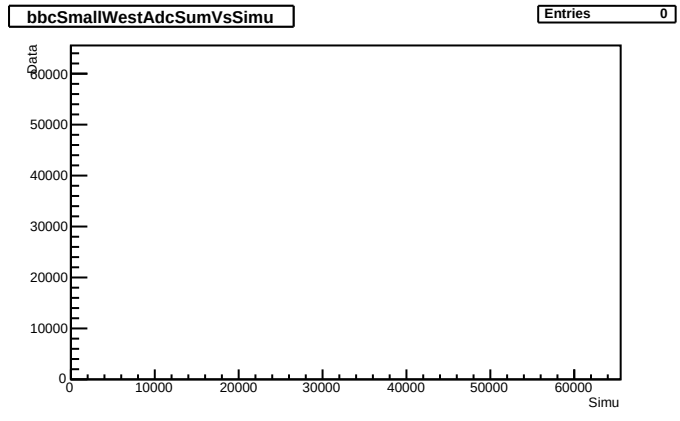

bbcSmallEastAdcSum
Entries 456206

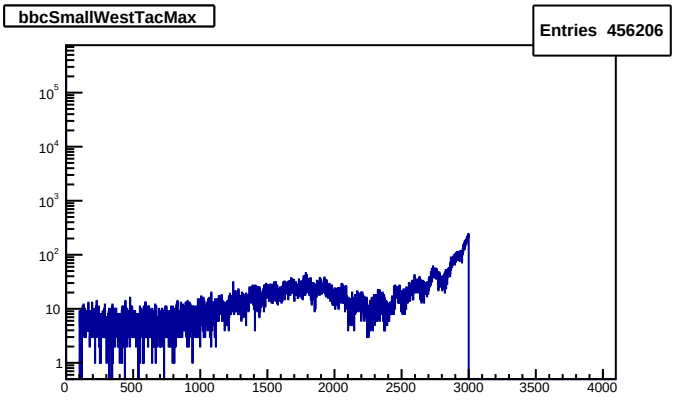

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

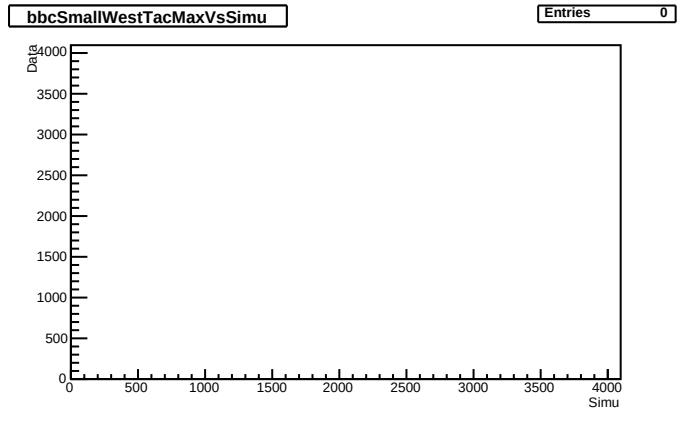

bbcSmallEastTacMax
Entries 456206

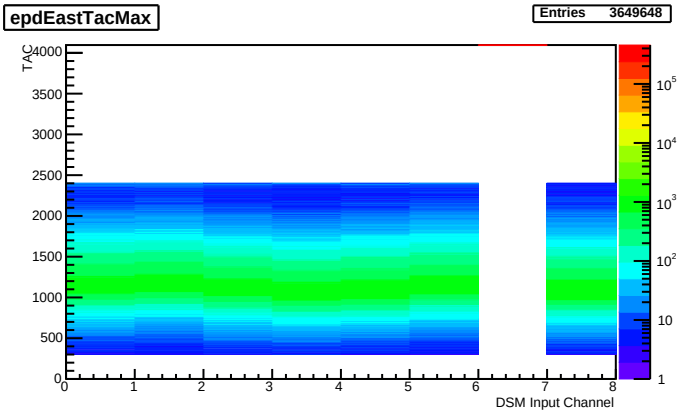

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

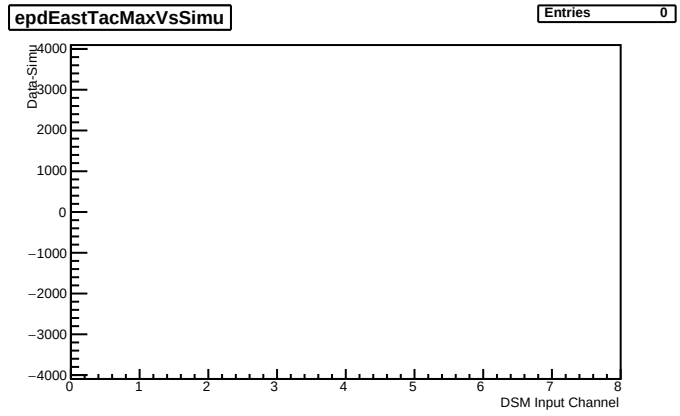

bbcSmallWestAdcSum
Entries 456206

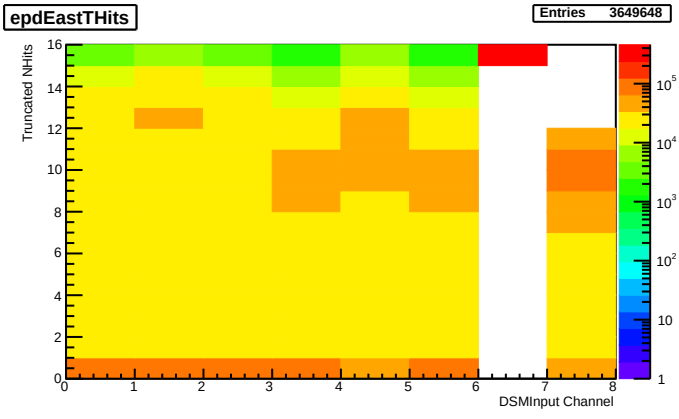

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

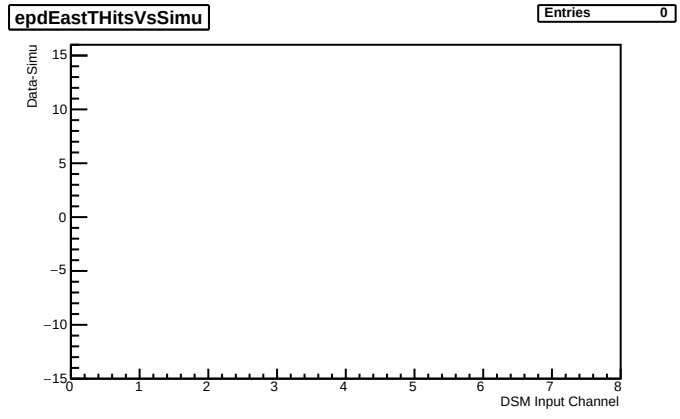

bbcSmallWestTacMax
Entries 456206

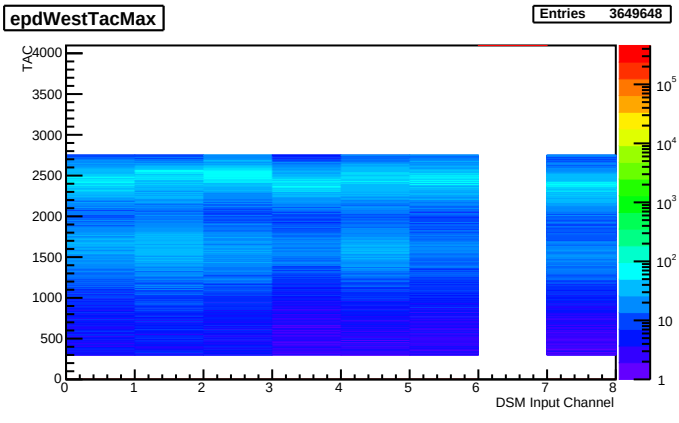

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

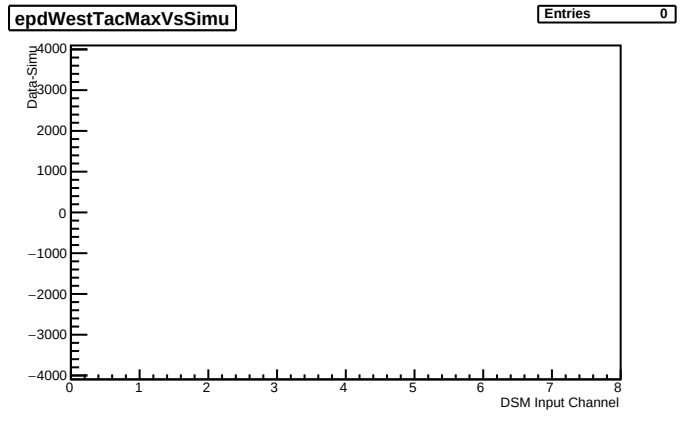

epdEastTacMax
Entries 3649648
TAC
DSM Input Channel

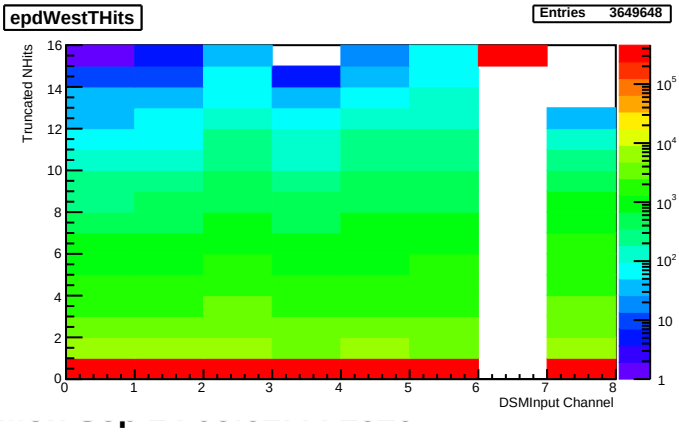

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

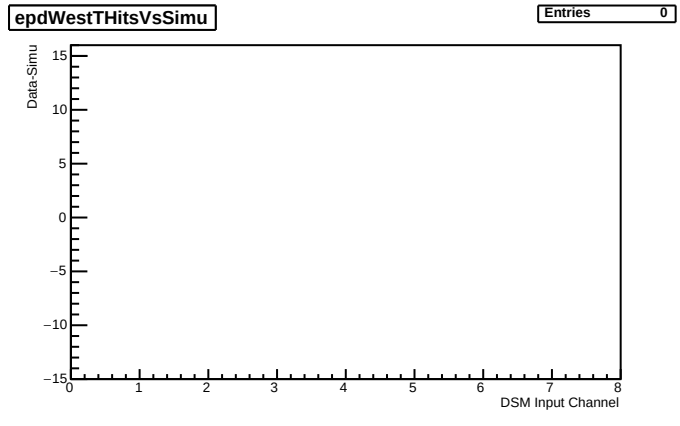

epdEastTHits
Entries 3649648
Truncated NHits
DSMInput Channel

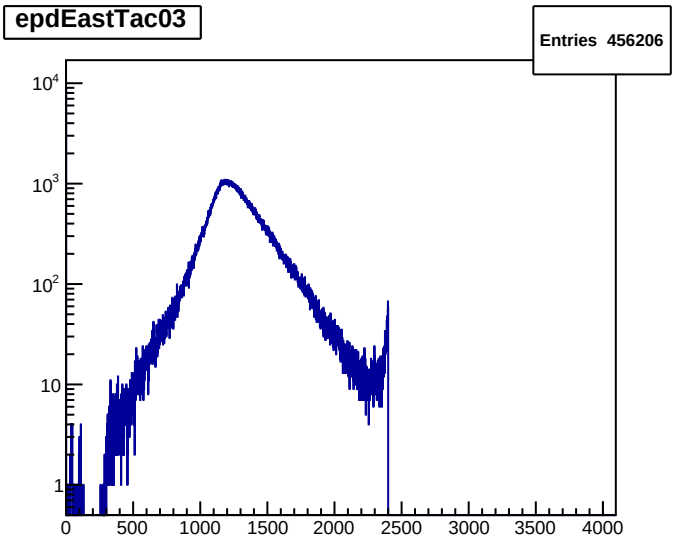

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

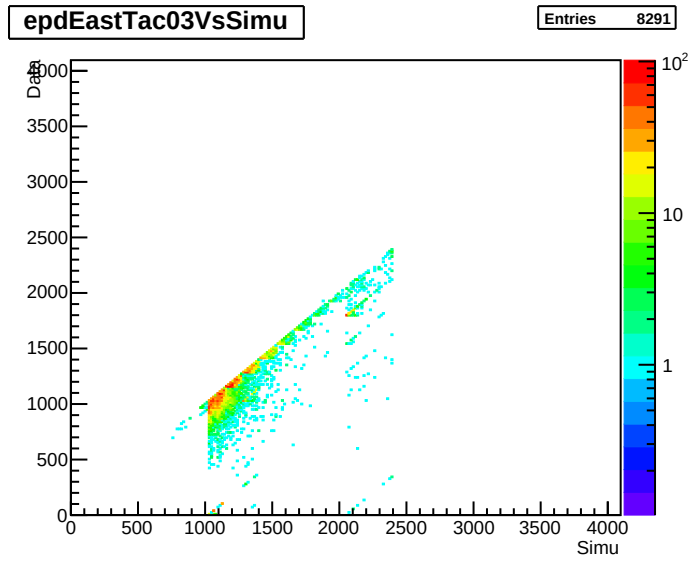

epdWestTacMax
Entries 3649648
TAC
DSM Input Channel

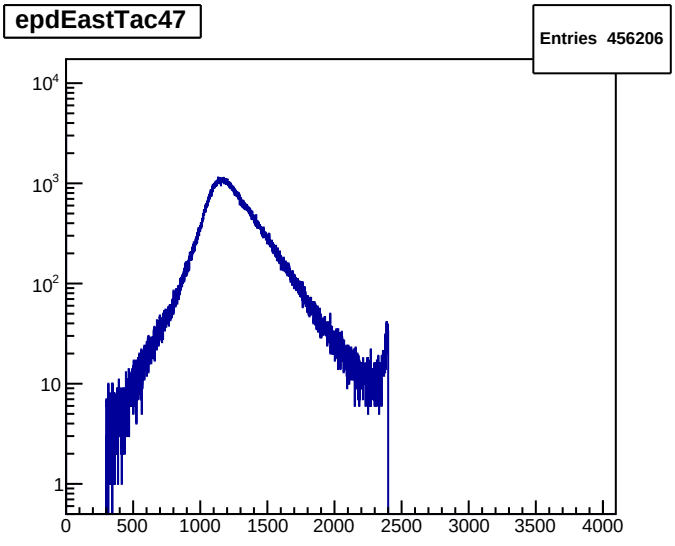

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

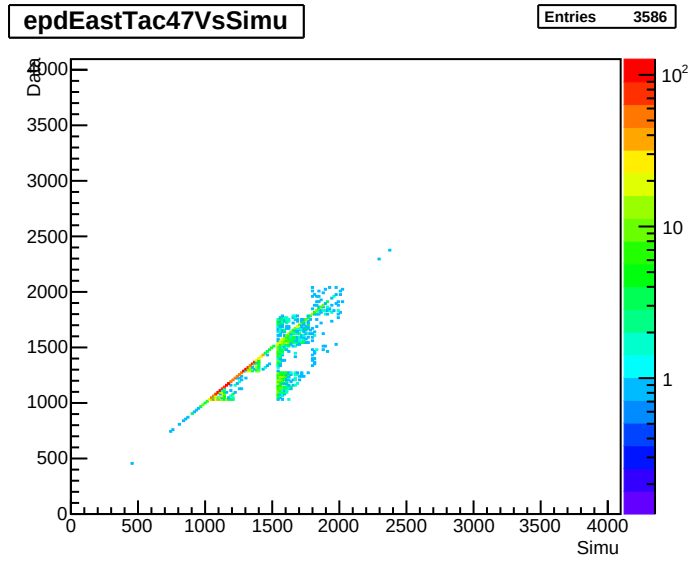

epdWestTHits
Entries 3649648
Truncated NHits
DSMInput Channel

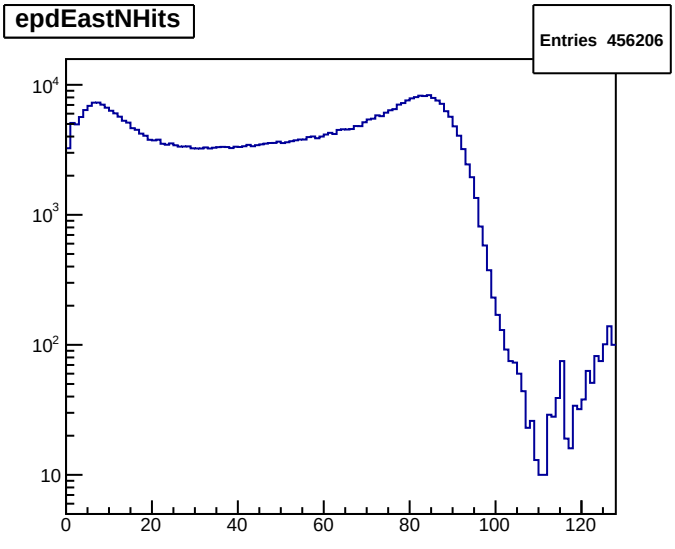

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

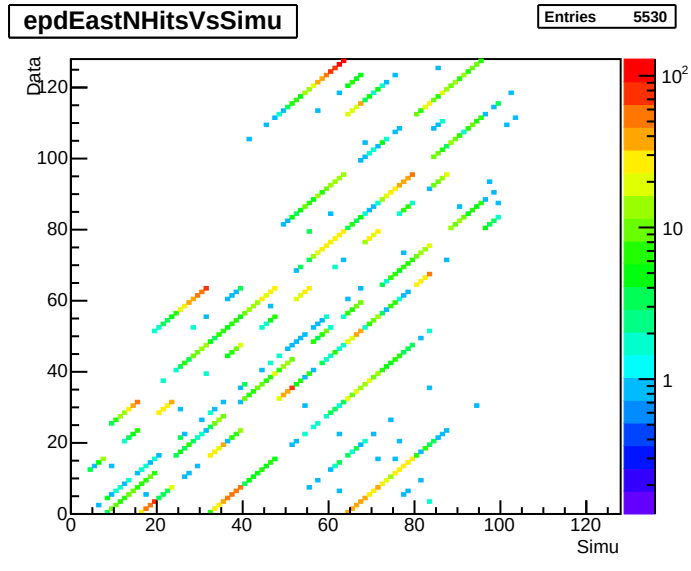

epdEastTac03
Entries 456206

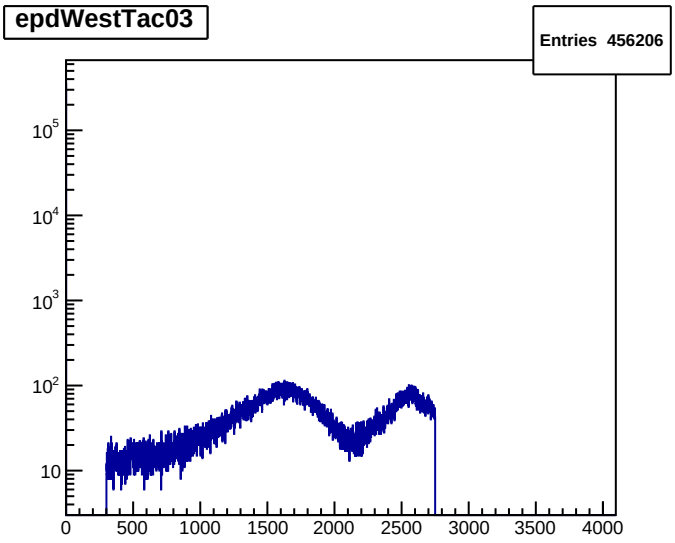

epdEastTac03VsSimu
Entries 8291
Data
Simu

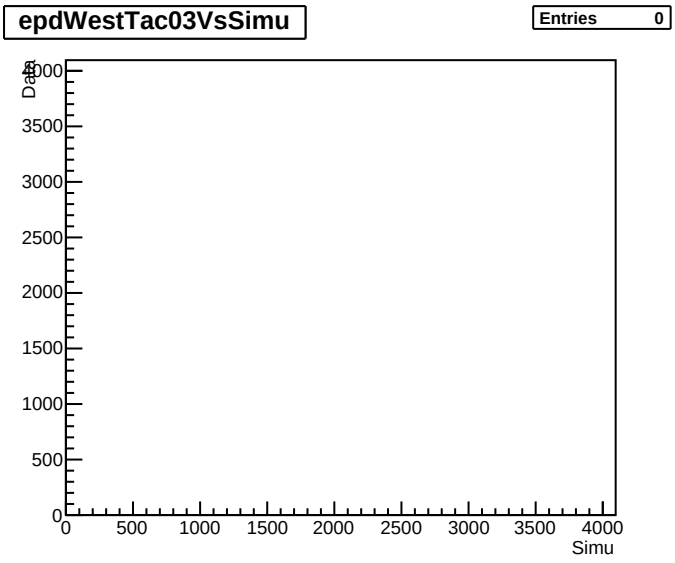

epdEastTac47
Entries 456206

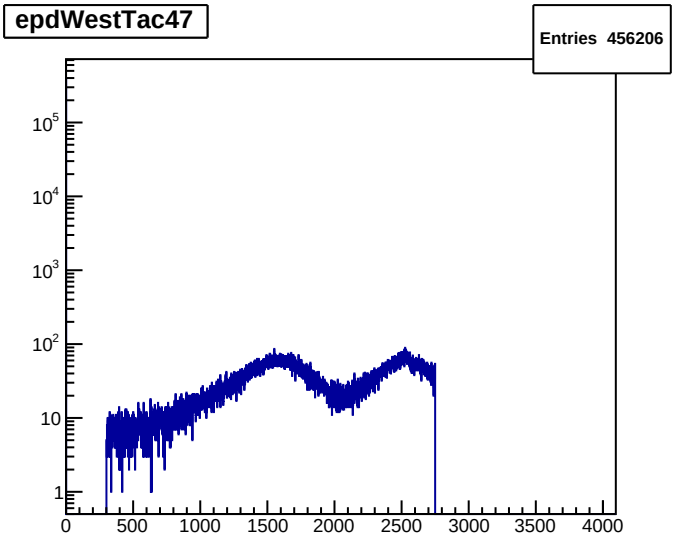

epdEastTac47VsSimu
Entries 3586
Data
Simu

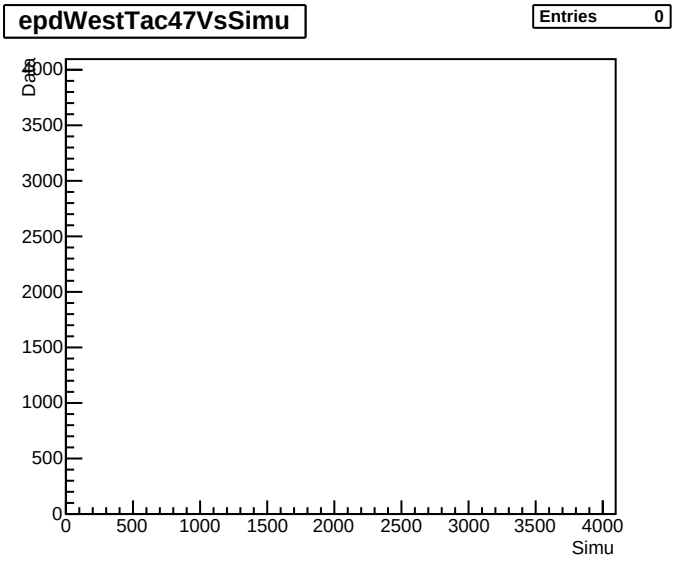

epdEastNHits
Entries 456206

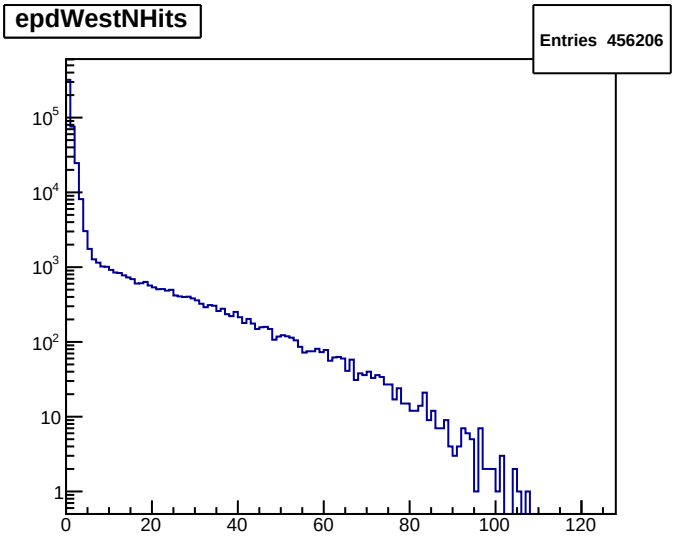

epdEastNHitsVsSimu
Entries 5530
Data
Simu

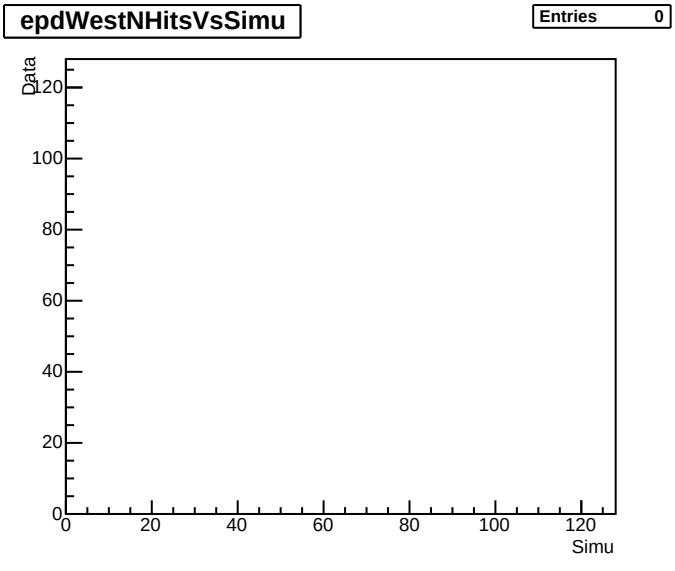

epdWestTac03
Entries 456206

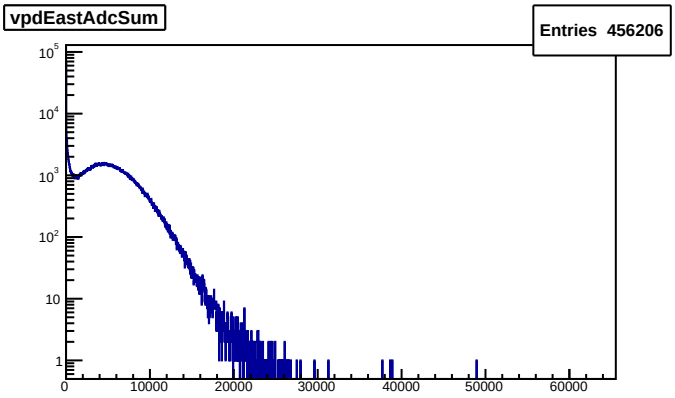

epdWestTac03VsSimu
Entries 0
Data
Simu

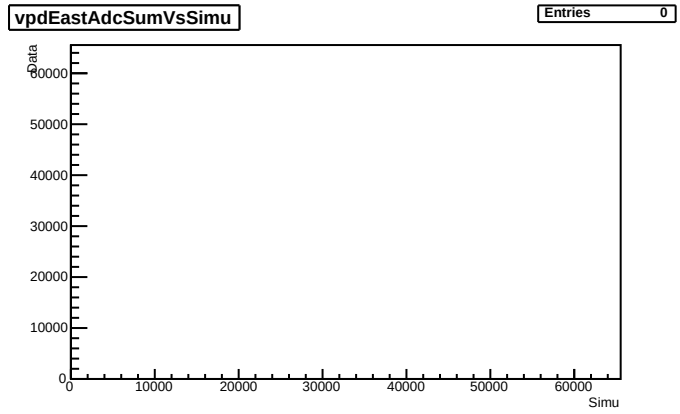

epdWestTac47
Entries 456206

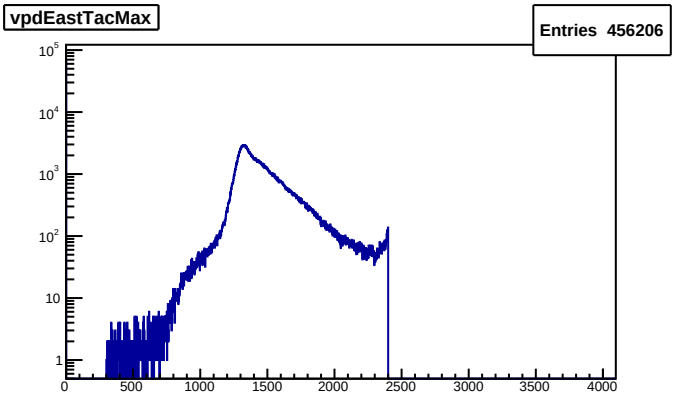

epdWestTac47VsSimu
Entries 0
Data
Simu

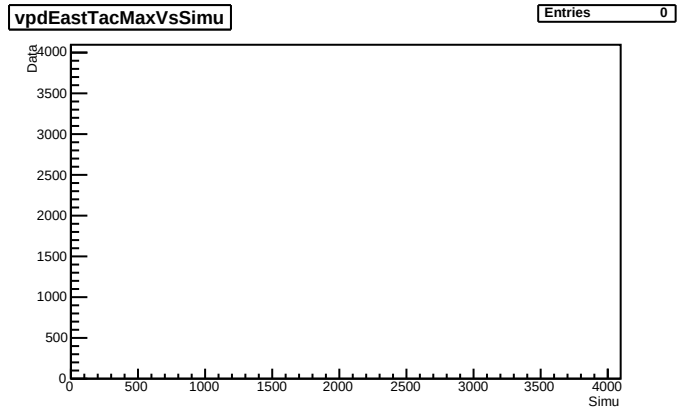

epdWestNHits
Entries 456206

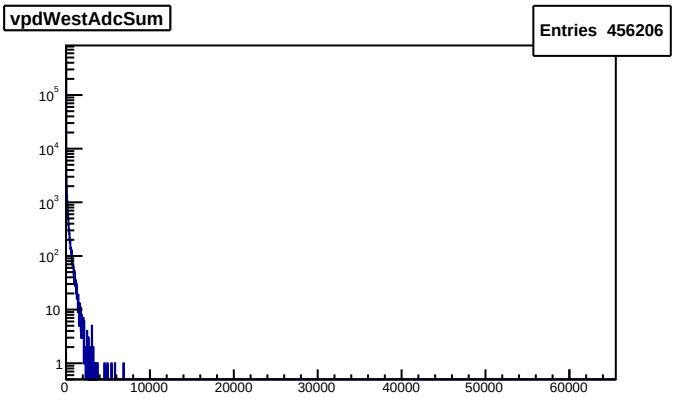

epdWestNHitsVsSimu
Entries 0
Data
Simu

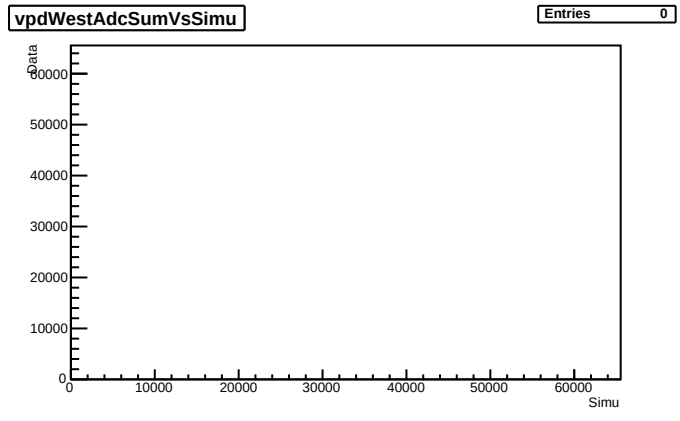

vpdEastAdcSum
Entries 456206

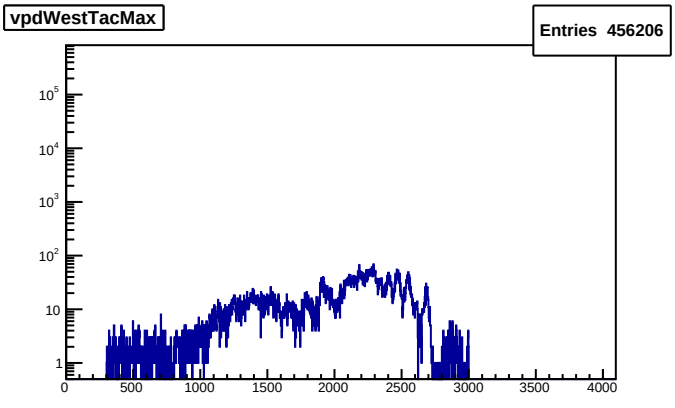

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

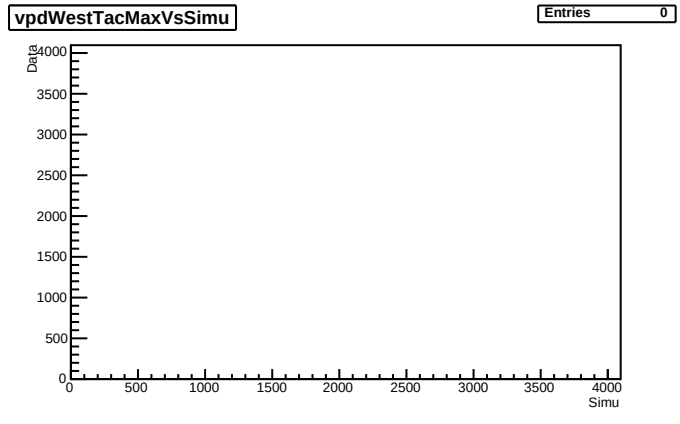

vpdEastTacMax
Entries 456206

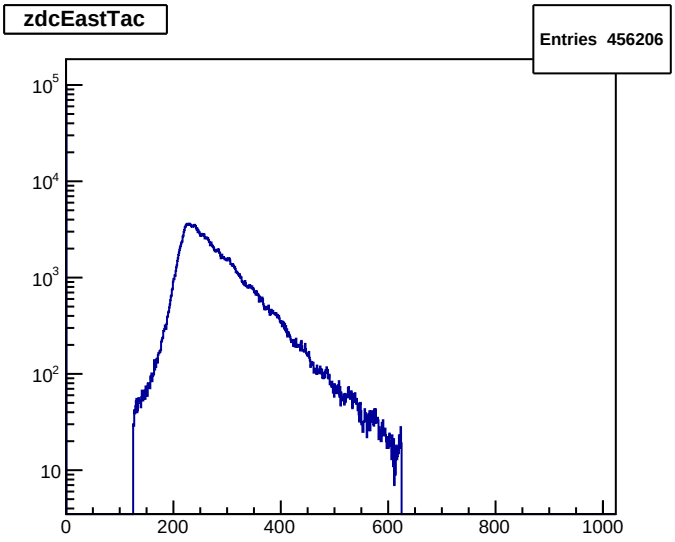

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

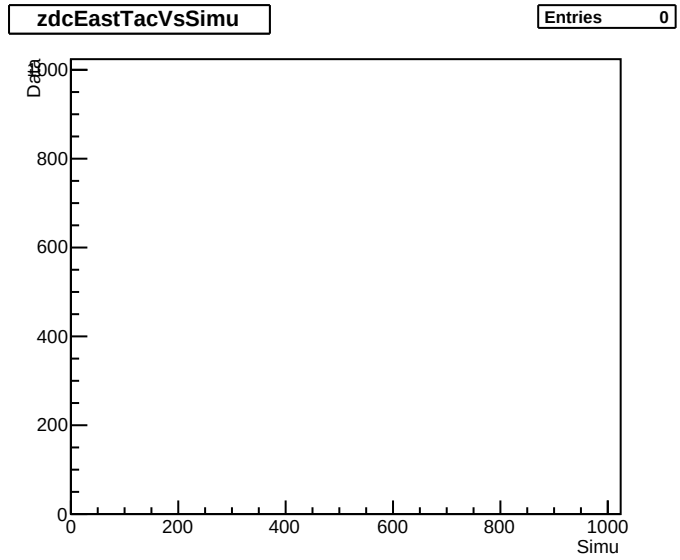

vpdWestAdcSum
Entries 456206

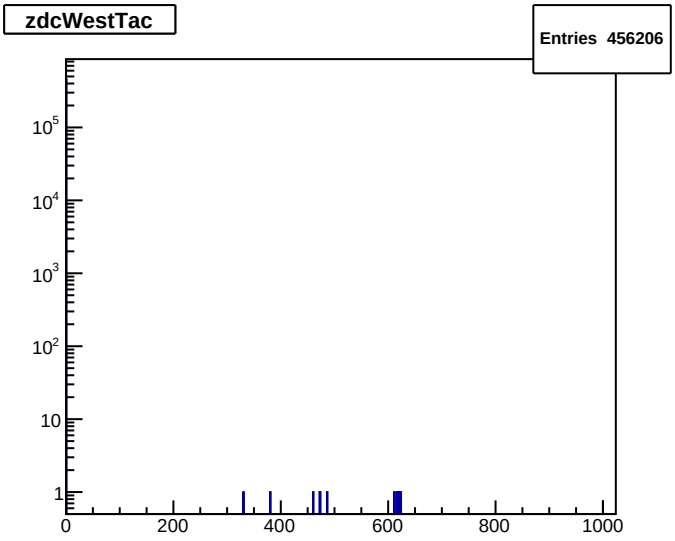

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

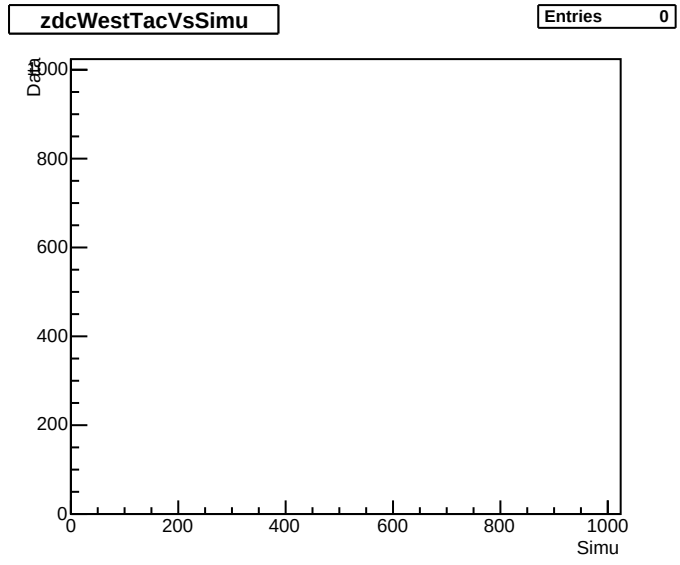

vpdWestTacMax
Entries 456206

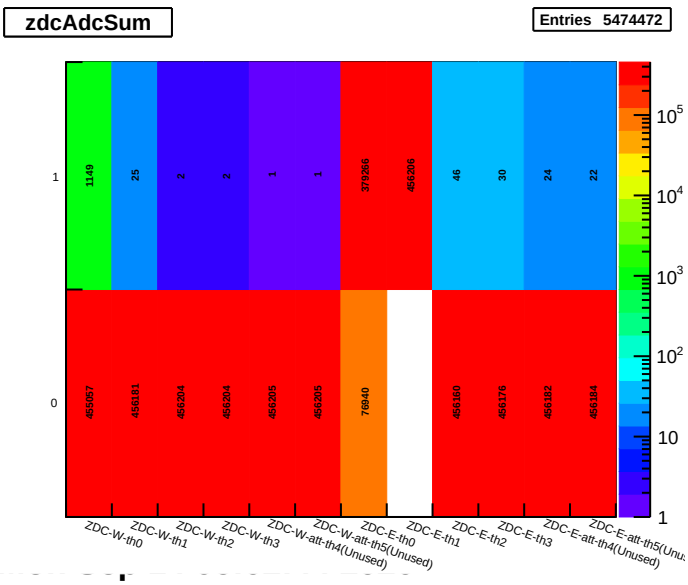

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

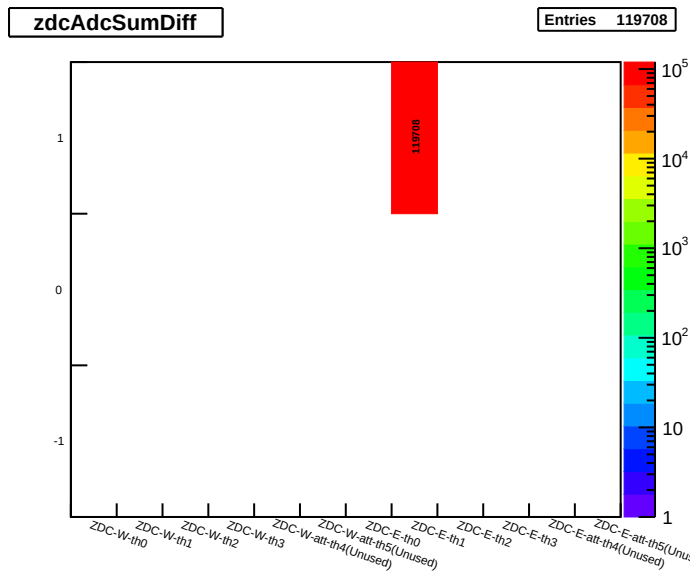

zdcEastTac
Entries 456206

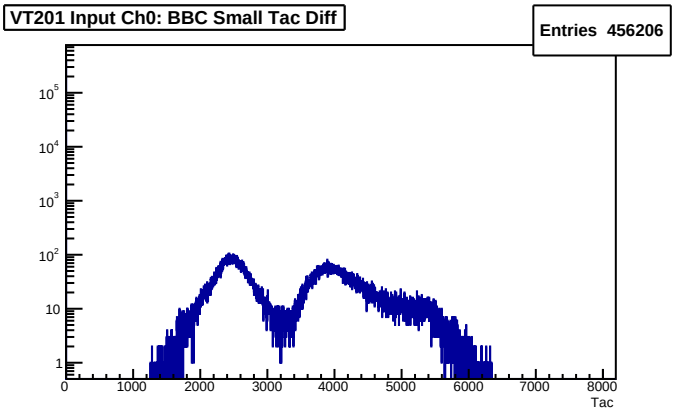

zdcEastTacVsSimu
Entries 0
Data
Simu

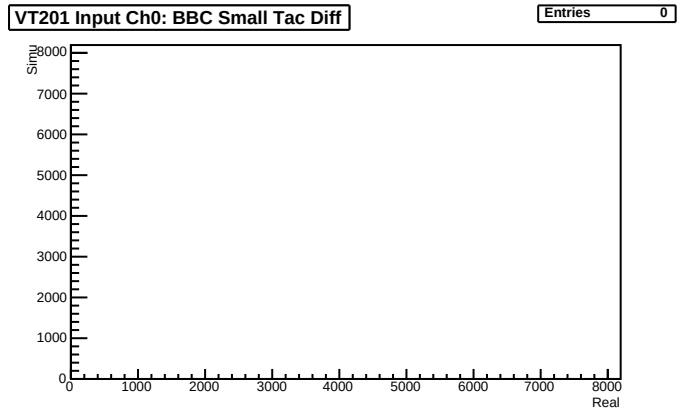

zdcWestTac
Entries 456206

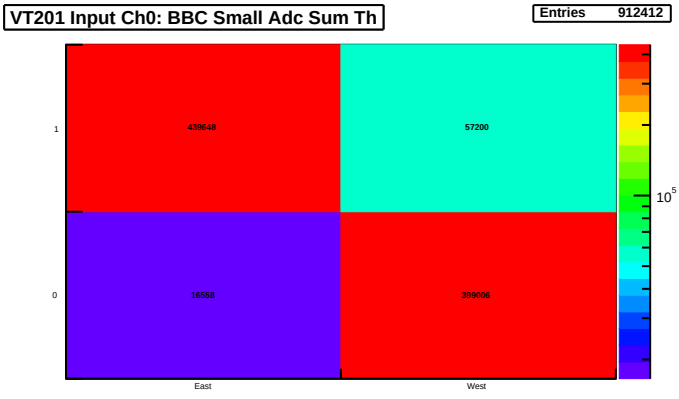

zdcWestTacVsSimu
Entries 0
Data
Simu

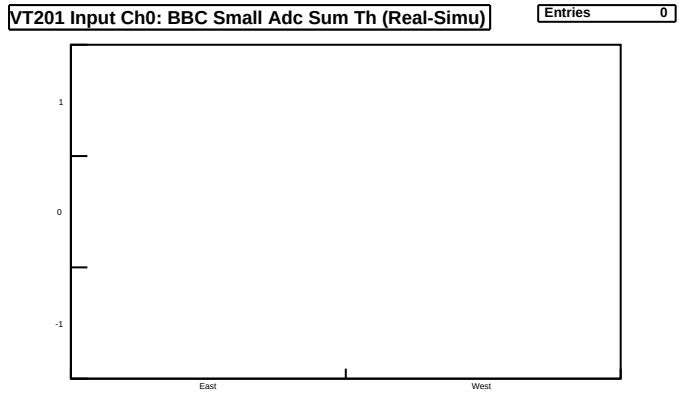

zdcAdcSum
Entries 5474472
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

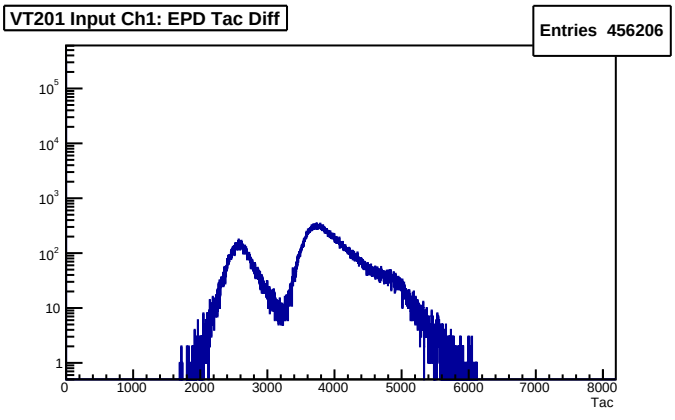

zdcAdcSumDiff
Entries 119708
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

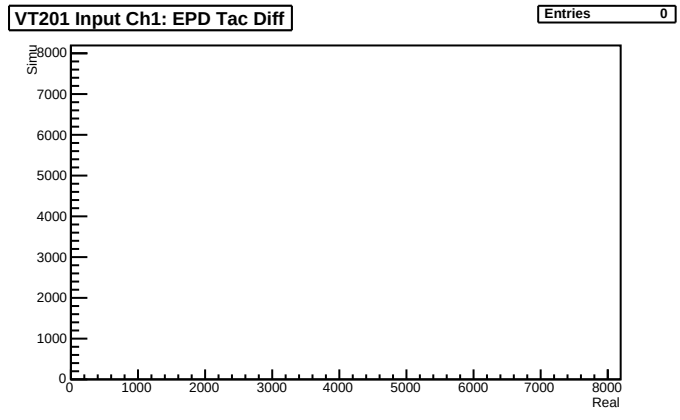

VT201 Input Ch0: BBC Small Tac Diff
Entries 456206
Tac

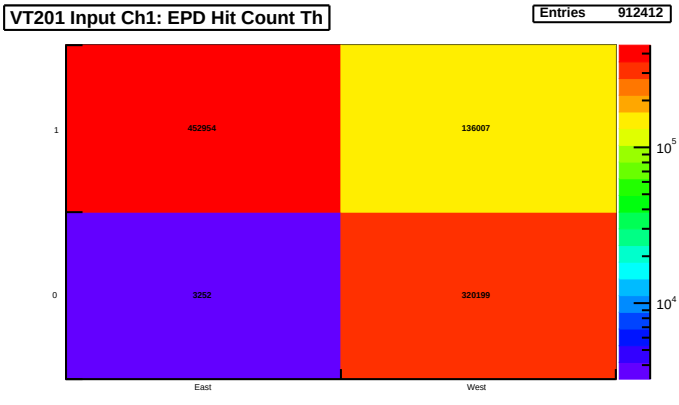

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

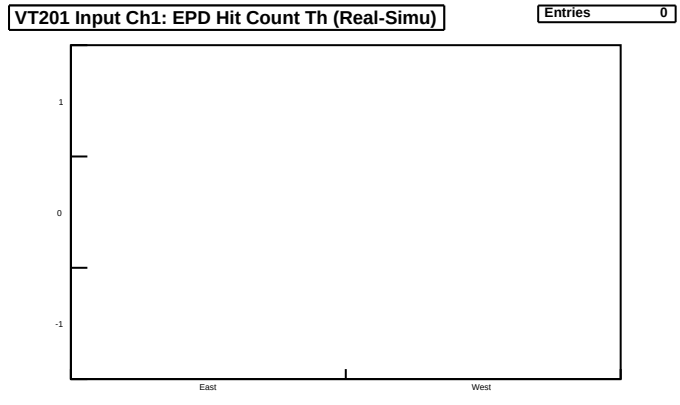

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 912412
439648
57200
16558
399006
East
West

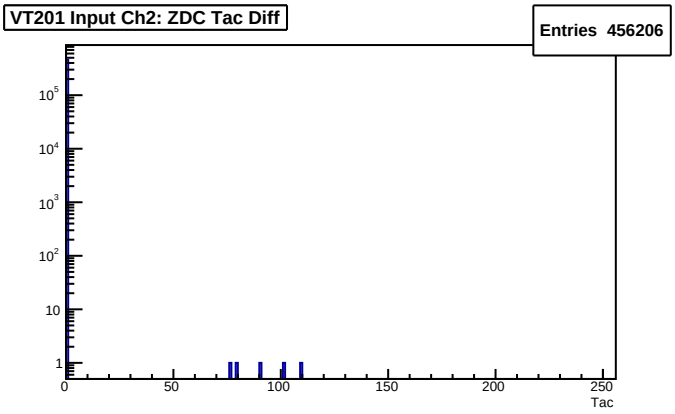

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

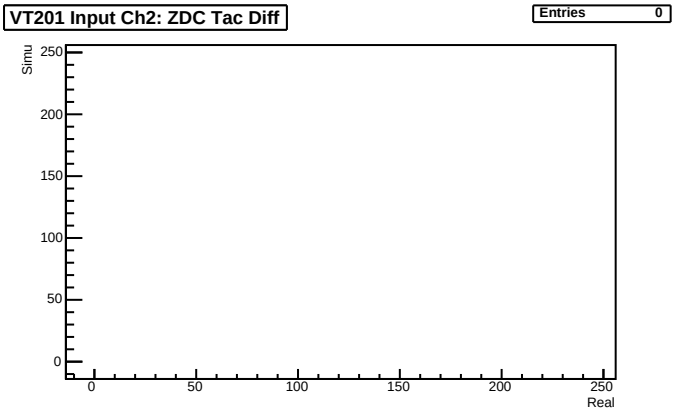

VT201 Input Ch1: EPD Tac Diff
Entries 456206
Tac

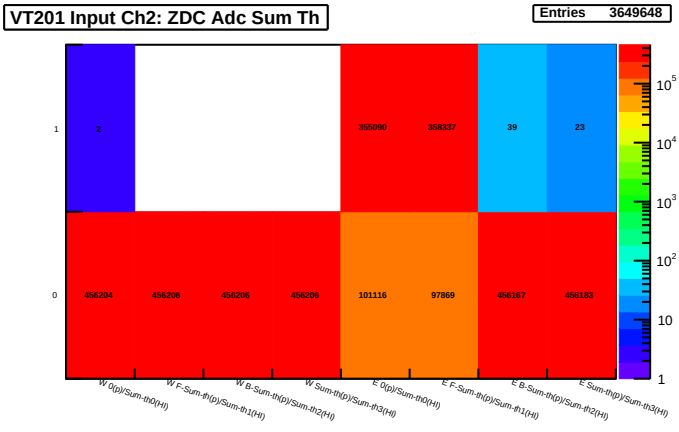

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

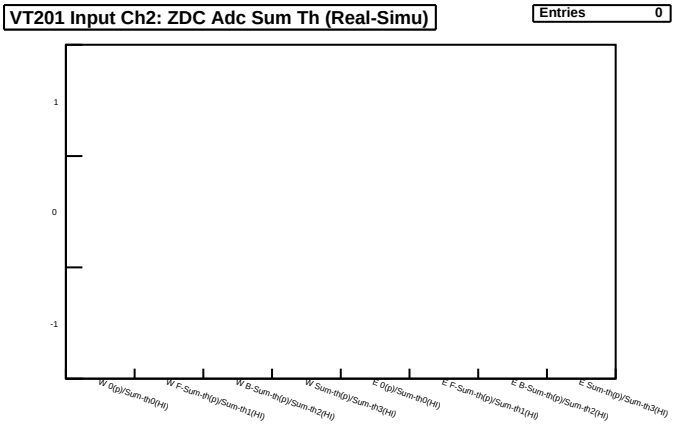

VT201 Input Ch1: EPD Hit Count Th
Entries 912412
452954
136007
3252
320199
East
West

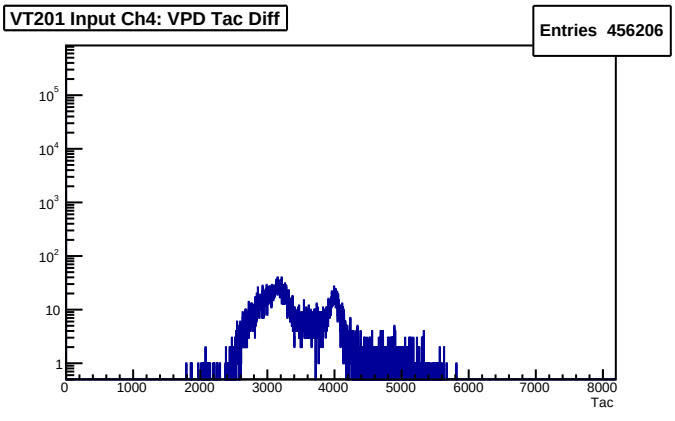

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

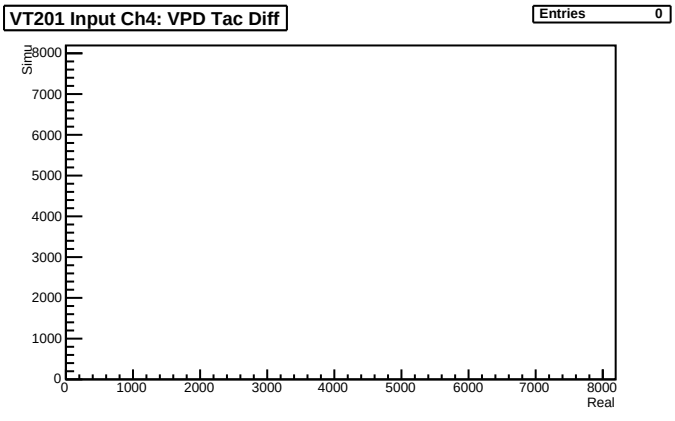

VT201 Input Ch2: ZDC Tac Diff
Entries 456206
Tac

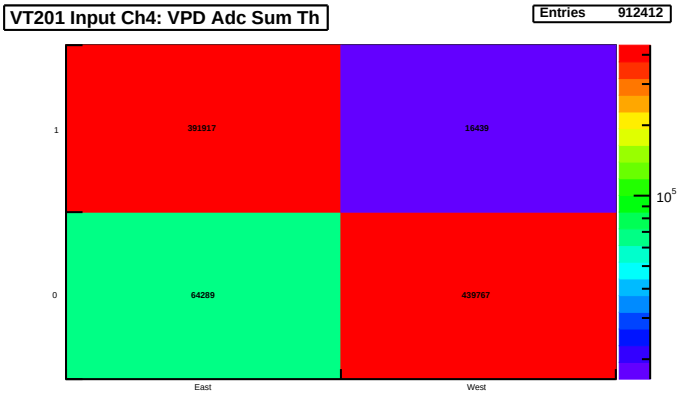

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

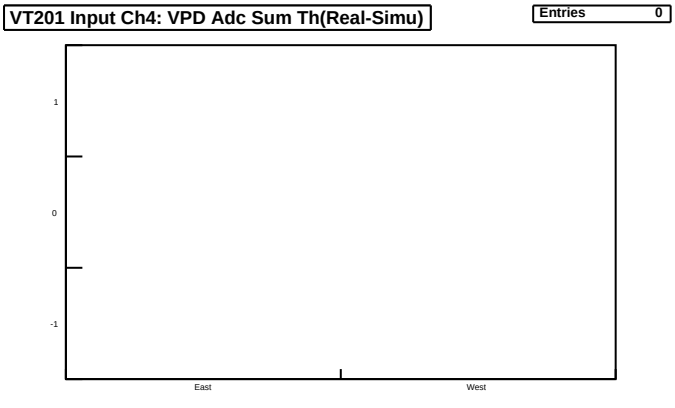

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3649648
2
355090
358337
39
23
456204
456206
456206
456206
101116
97869
456167
456183
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

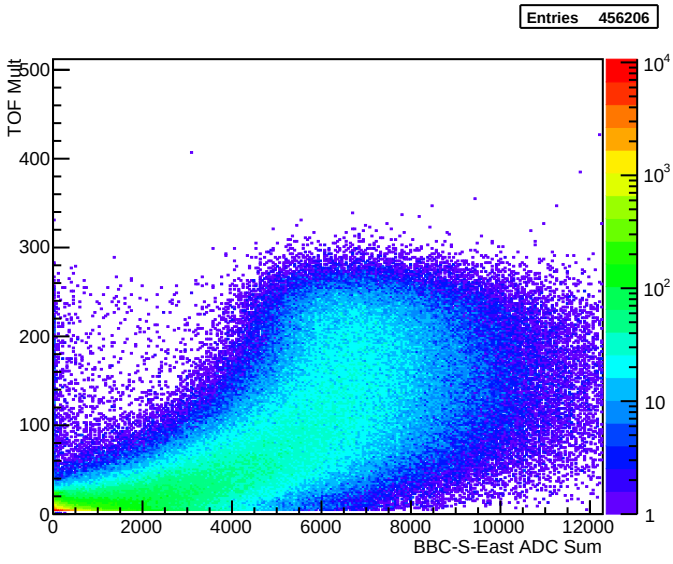

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

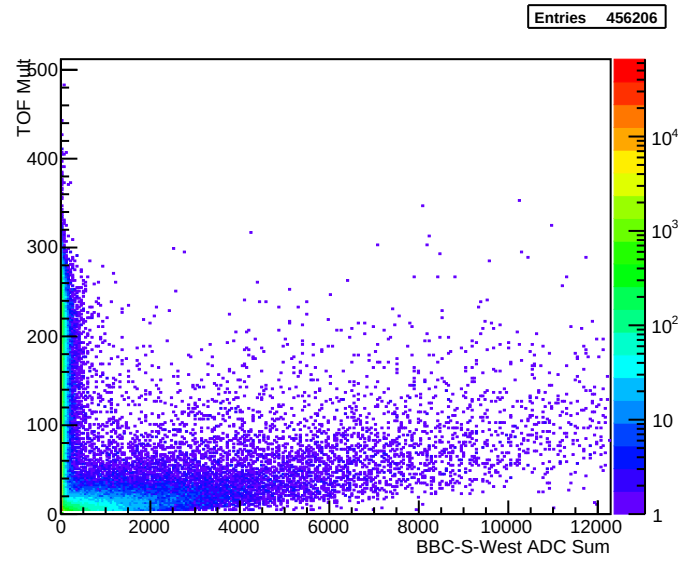

VT201 Input Ch4: VPD Tac Diff
Entries 456206
Tac

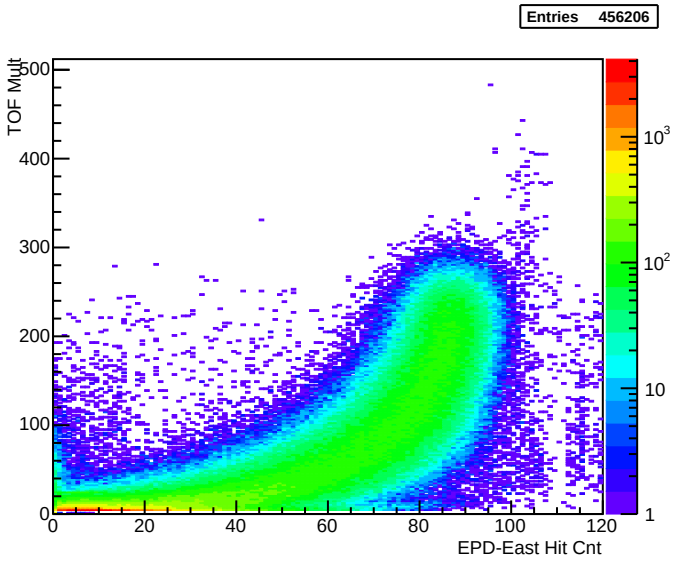

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

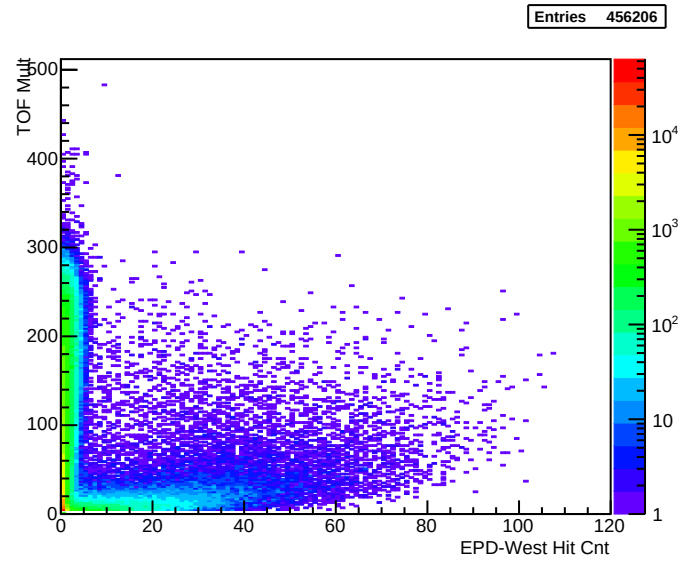

VT201 Input Ch4: VPD Adc Sum Th
Entries 912412
391917
16439
64289
439767
East
West

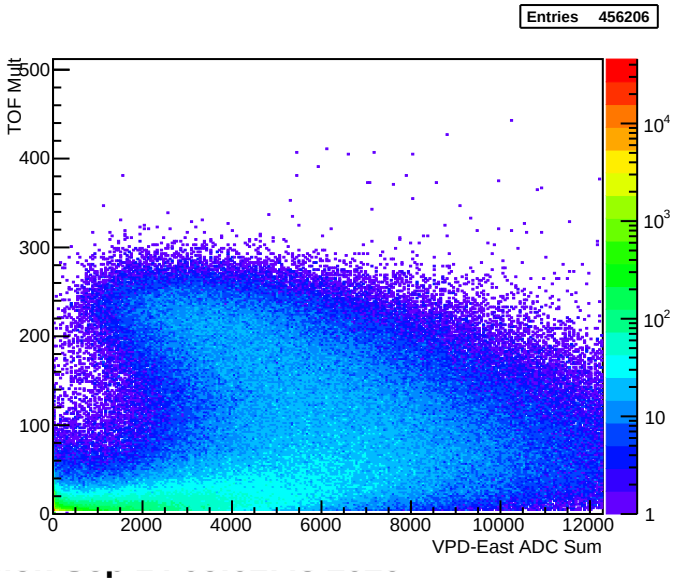

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

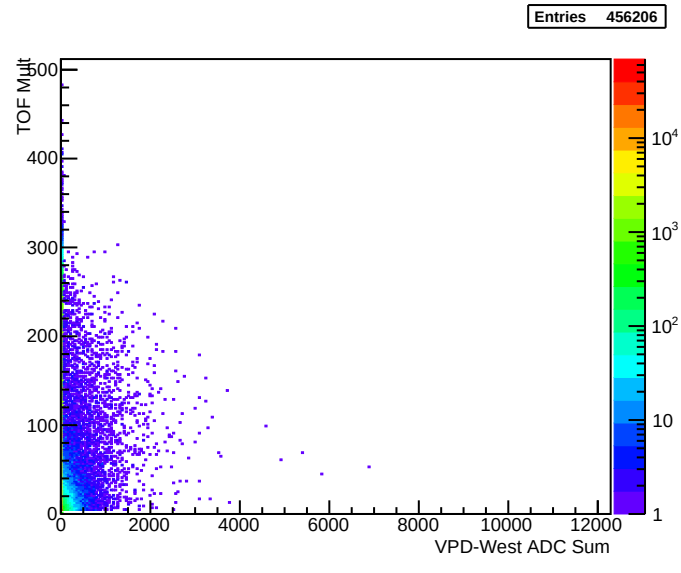

Entries 456206
TOF Mult
BBC-S-East ADC Sum

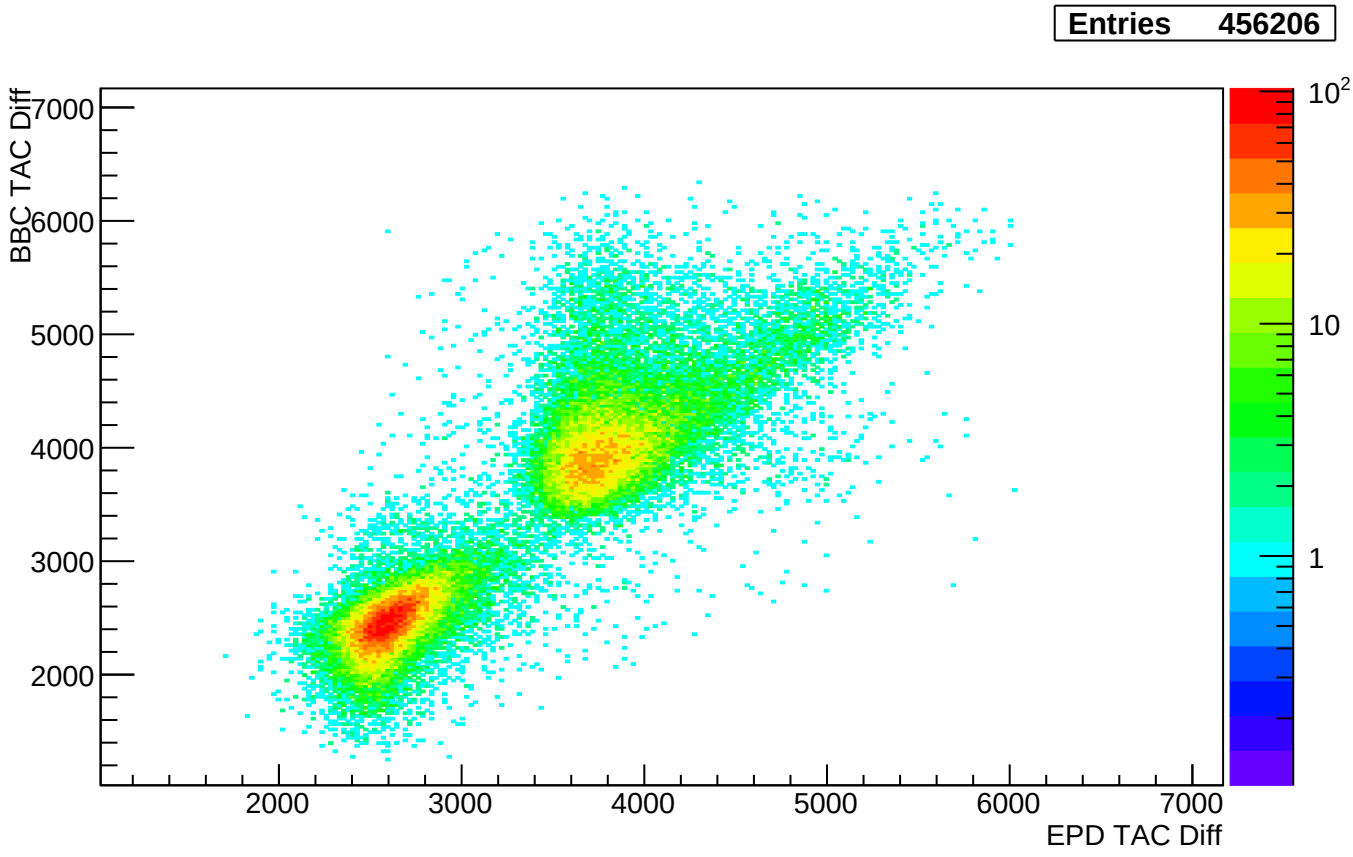

Entries 456206
TOF Mult
BBC-S-West ADC Sum

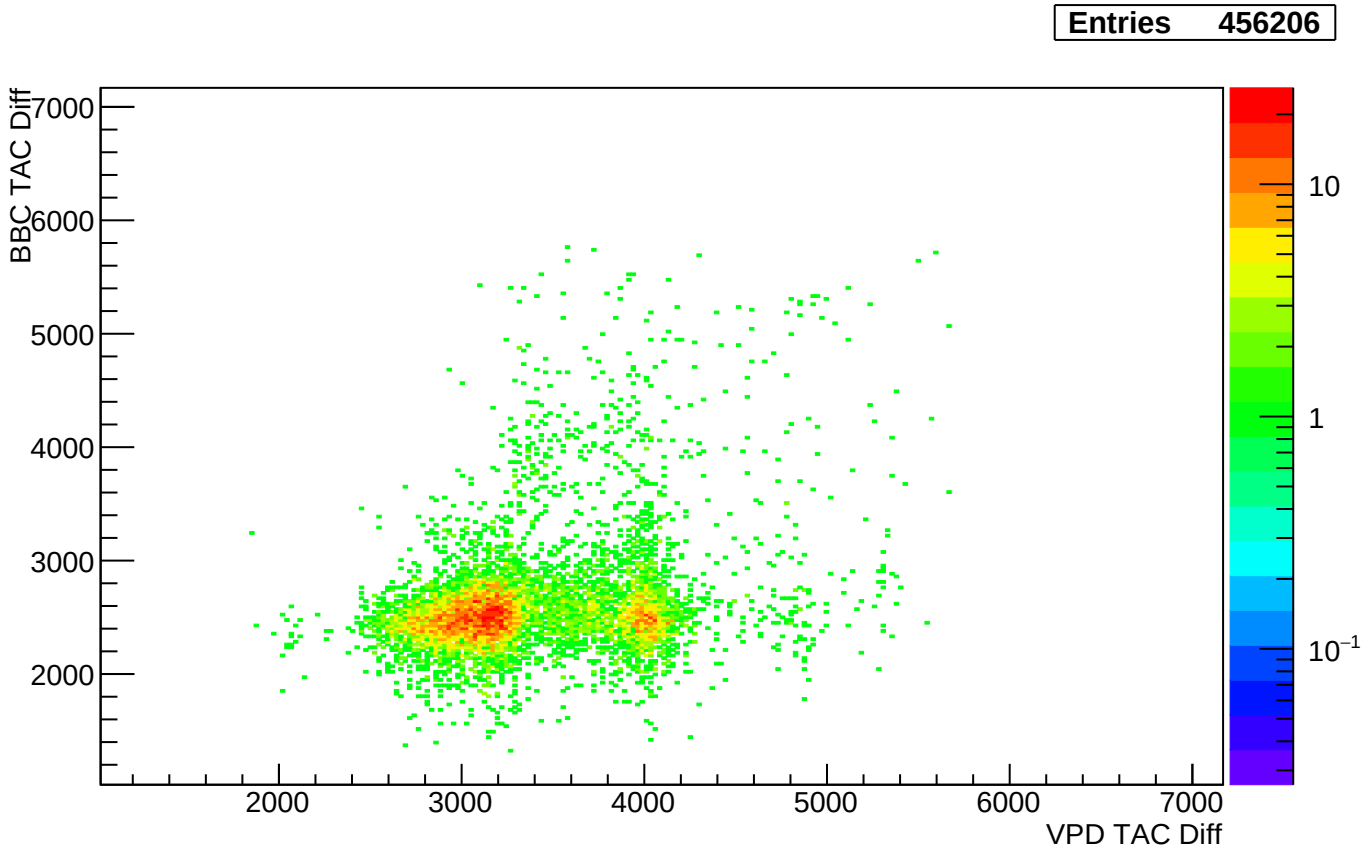

Entries 456206
TOF Mult
EPD-East Hit Cnt

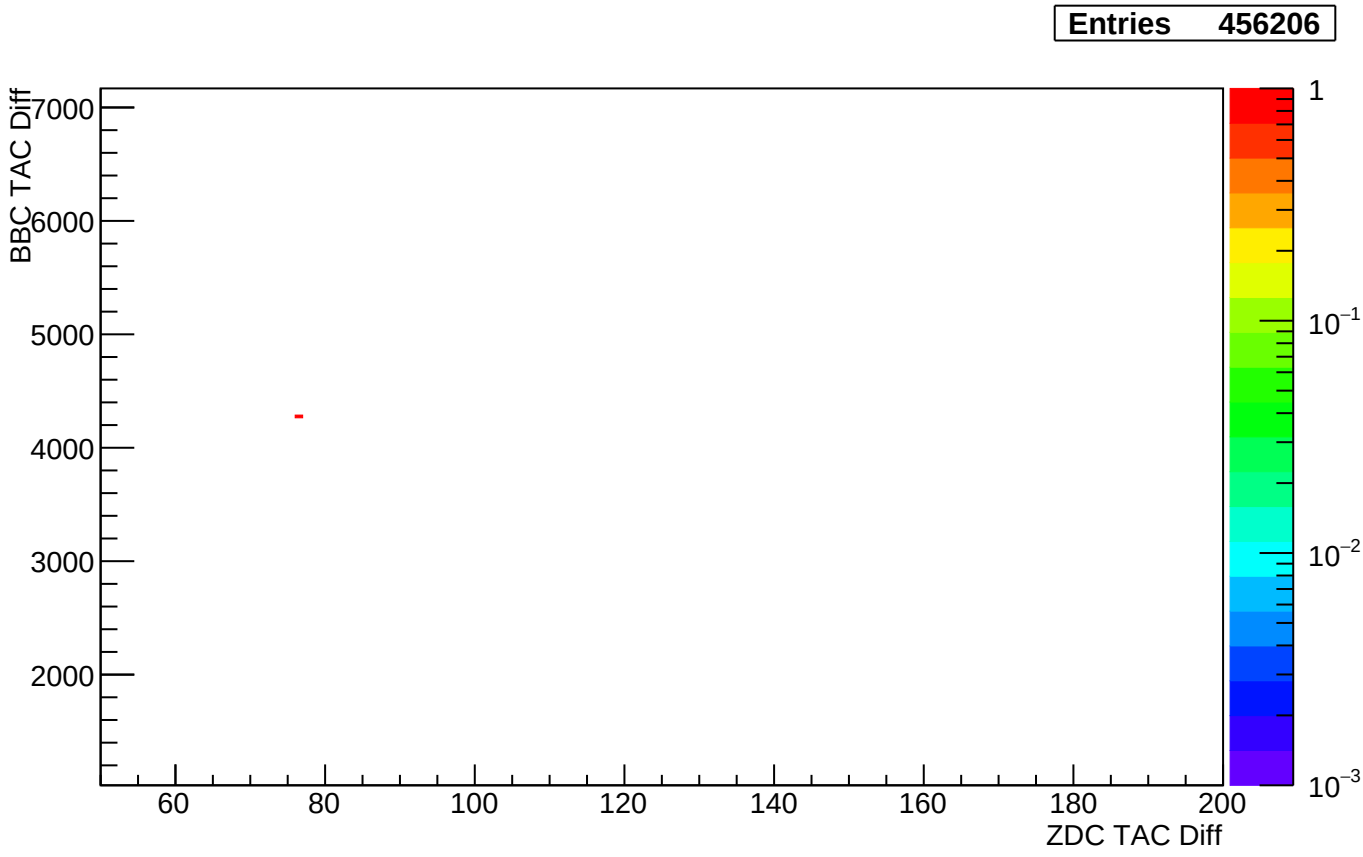

Entries 456206
TOF Mult
EPD-West Hit Cnt

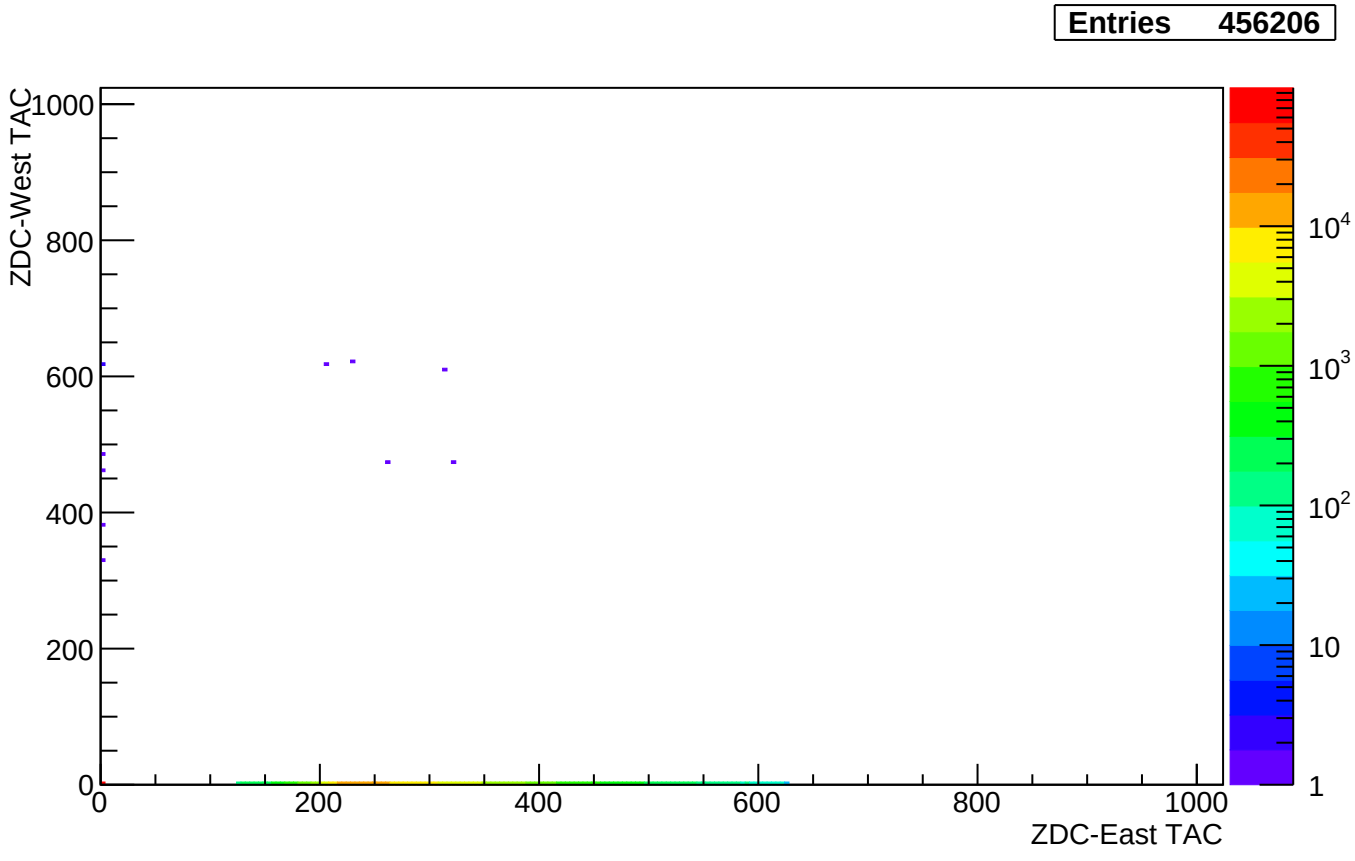

Entries 456206
TOF Mult
VPD-East ADC Sum

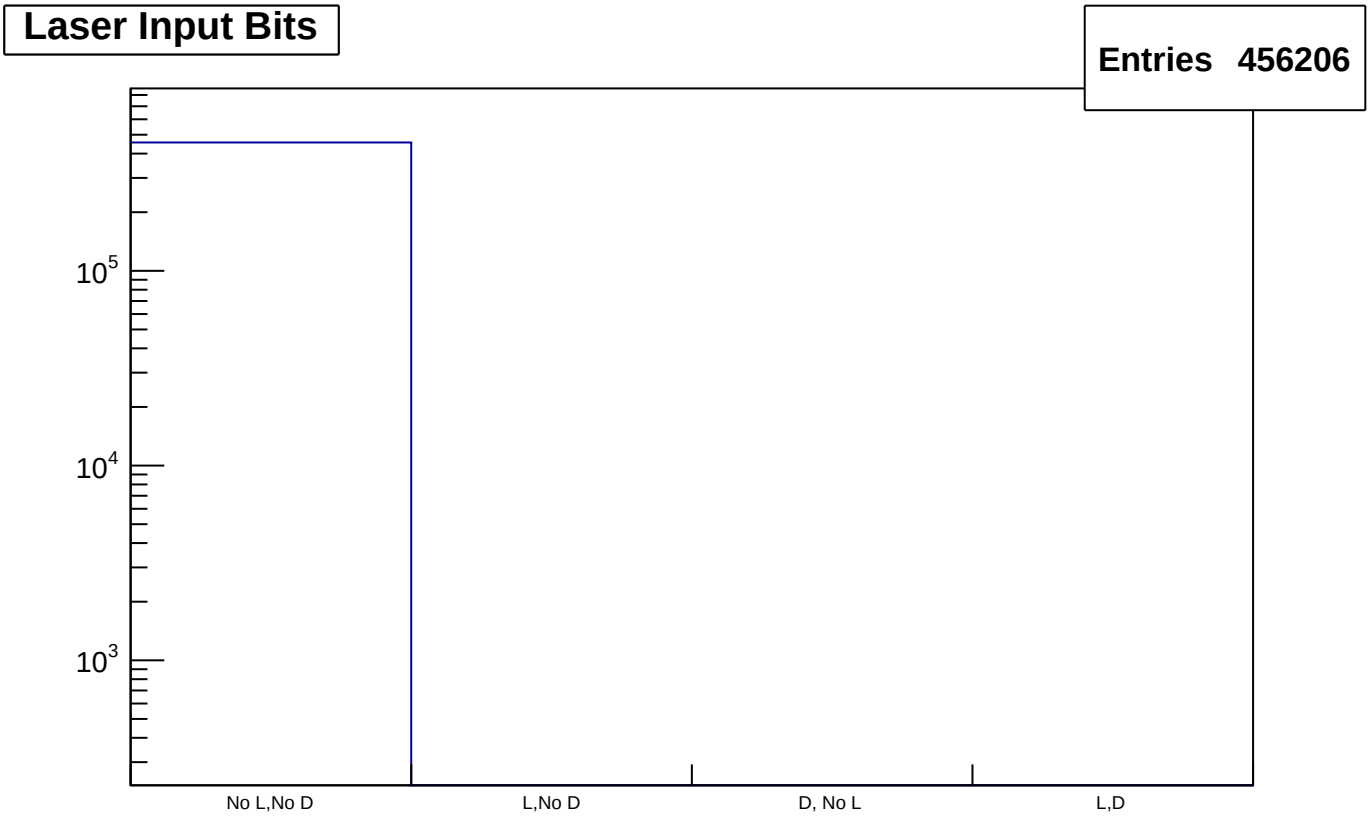

Entries 456206
TOF Mult
VPD-West ADC Sum

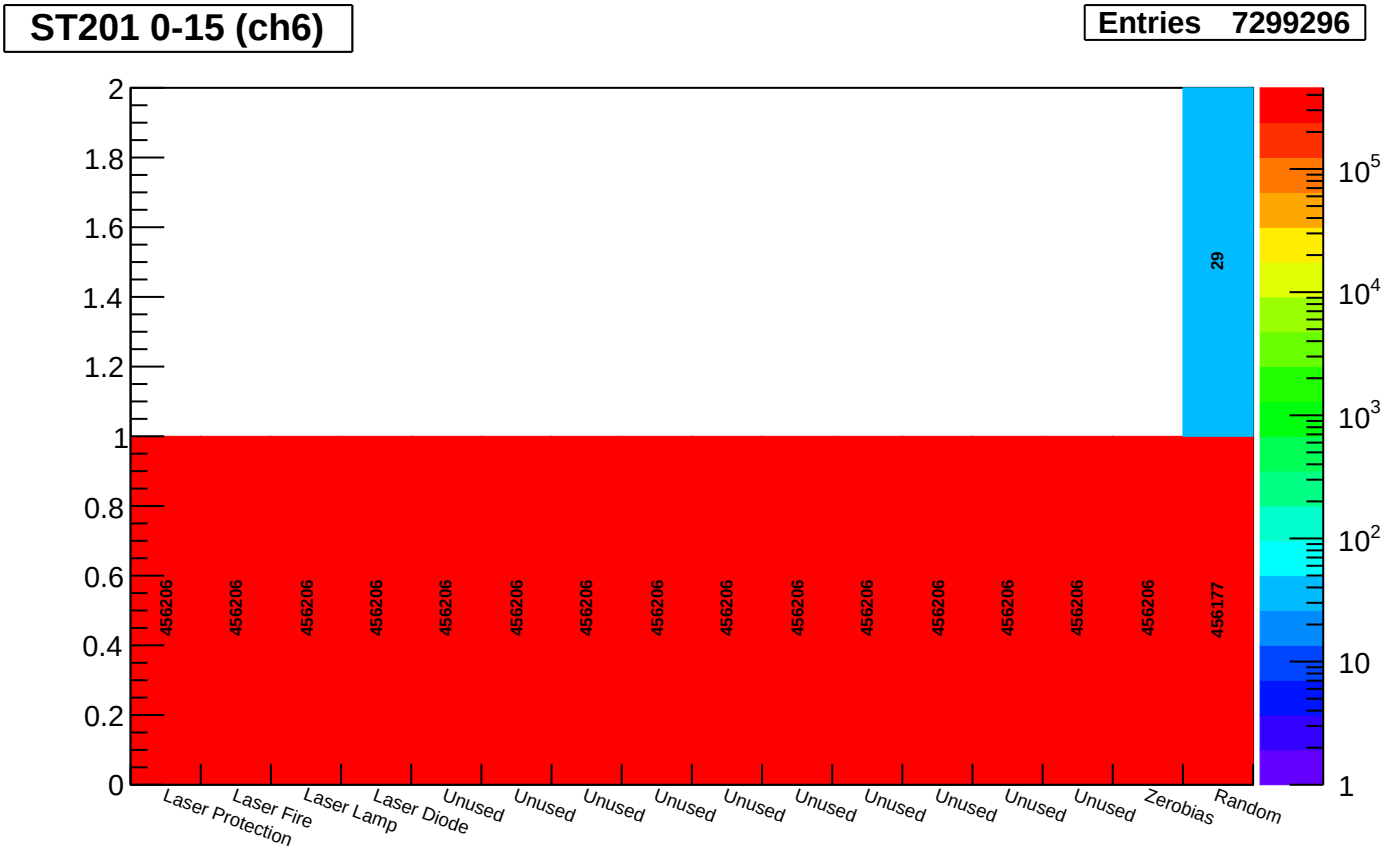

Entries 456206
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

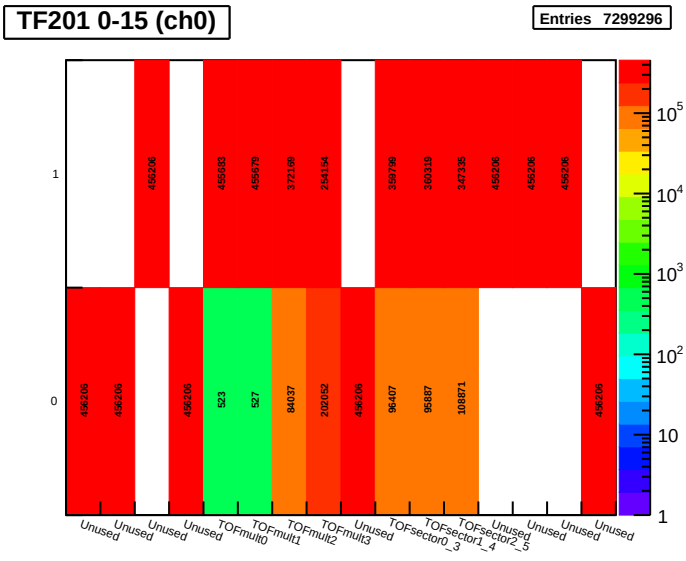

Entries 456206
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

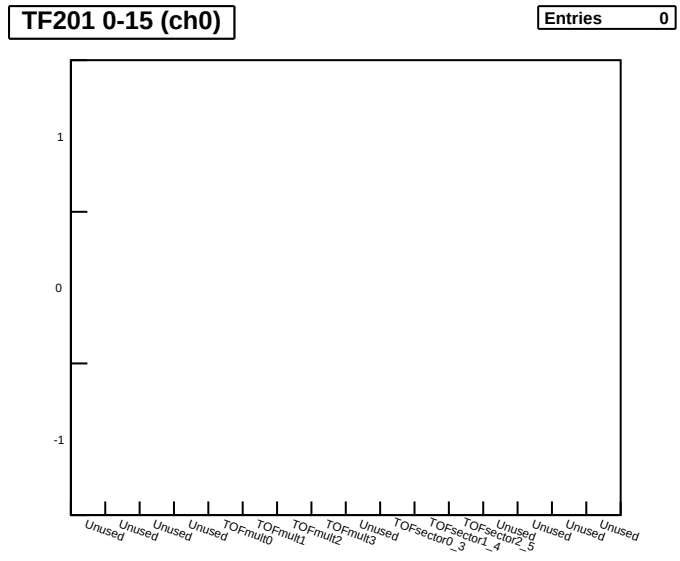

Entries 456206
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

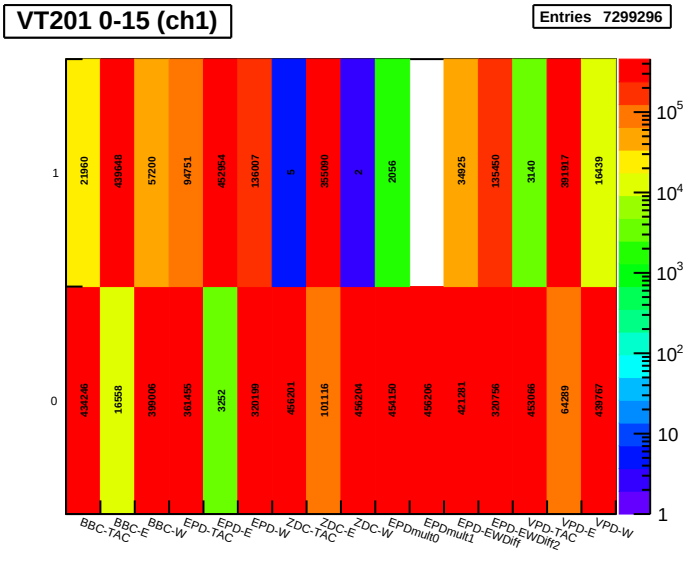

Entries 456206
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

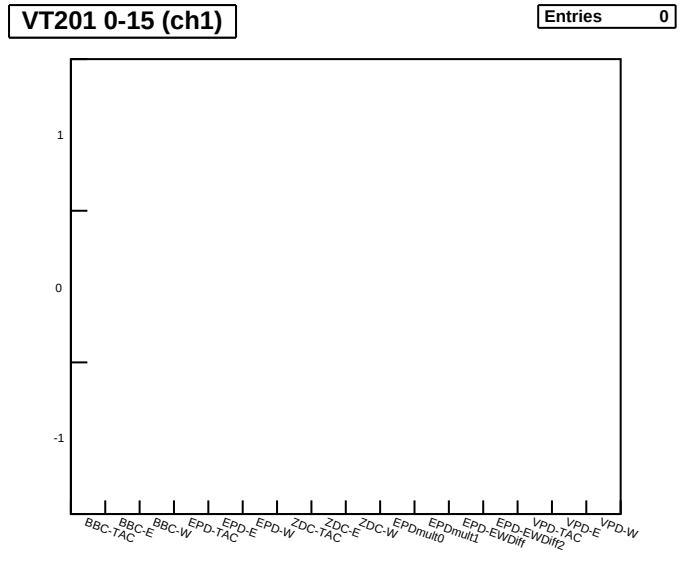

Laser Input Bits
Entries 456206
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

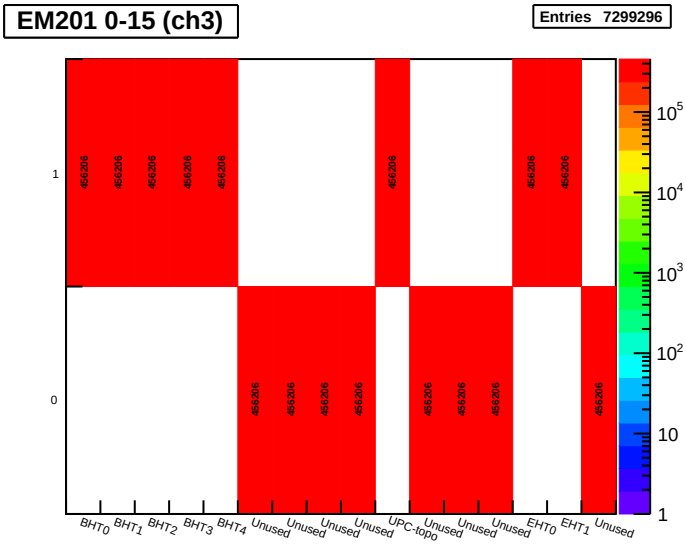

ST201 0-15 (ch6)
Entries 7299296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456177
29
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

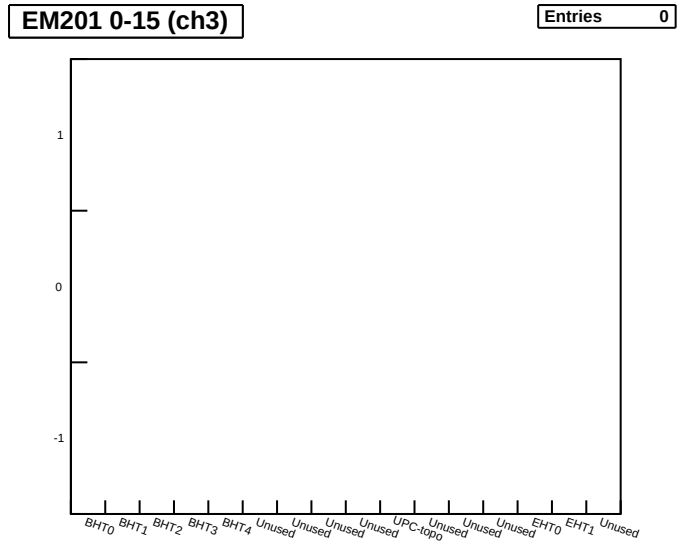

TF201 0-15 (ch0)
Entries 7299296
1
0
456206
455683
455679
372169
254154
359799
360319
347335
456206
456206
456206
456206
456206
456206
523
527
84037
202052
456206
96407
95887
108871
456206
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7299296
1
0
21960
439648
57200
94751
452954
136007
5
355090
2
2056
34925
135450
3140
391917
16439
434246
16558
399006
361455
3252
320199
456201
101116
456204
454150
456206
421281
320756
453065
64289
438767
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
10^5
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 7299296
1
0
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
456206
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
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