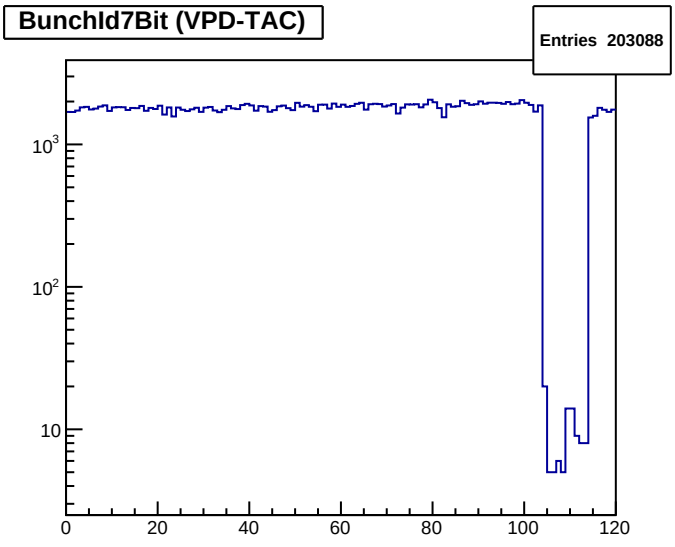
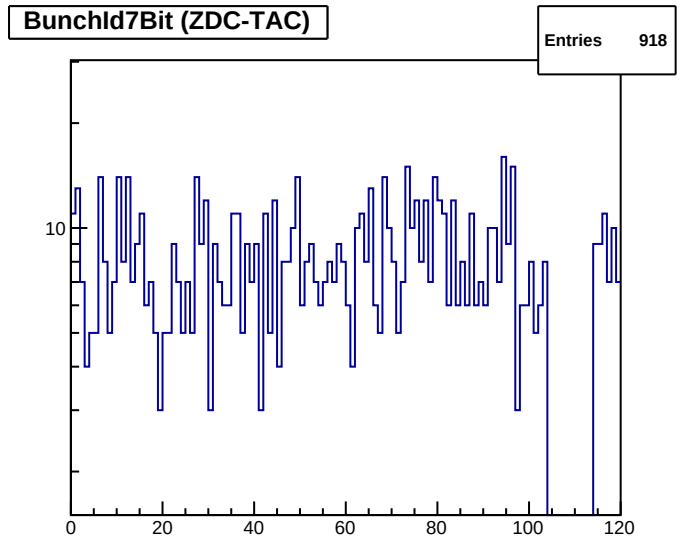
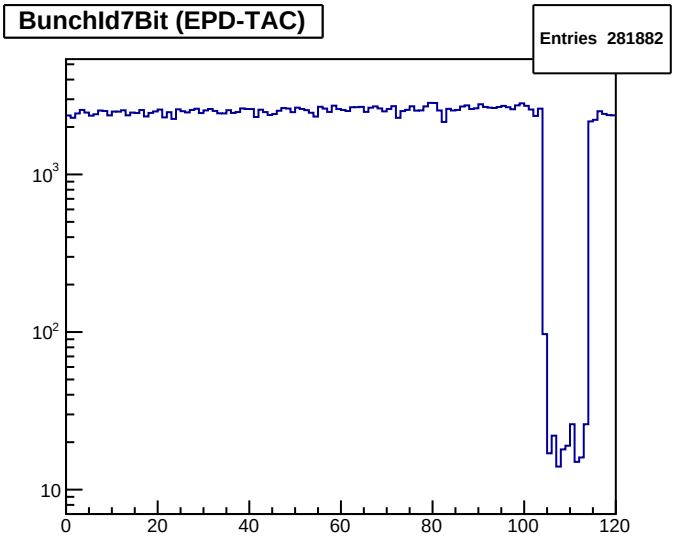
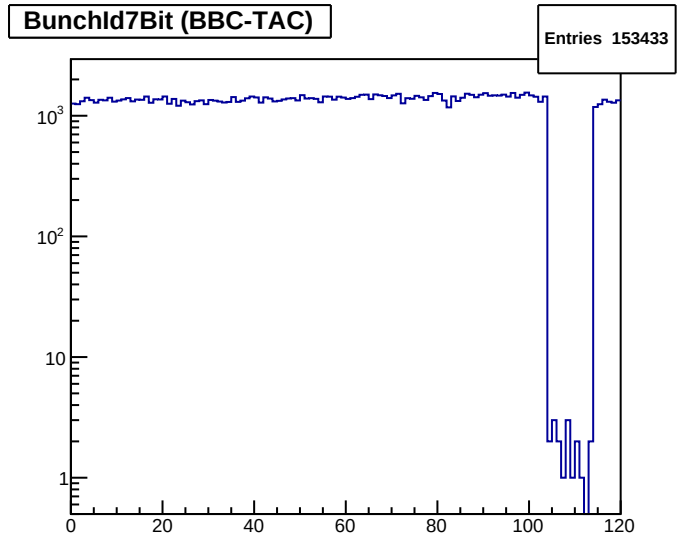
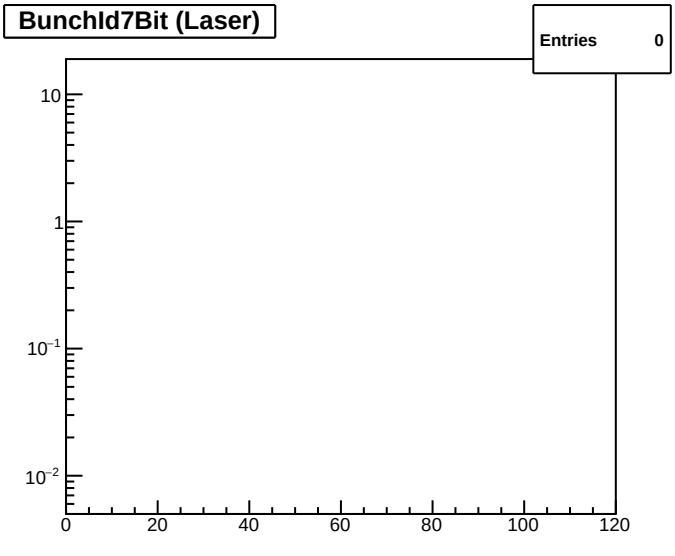
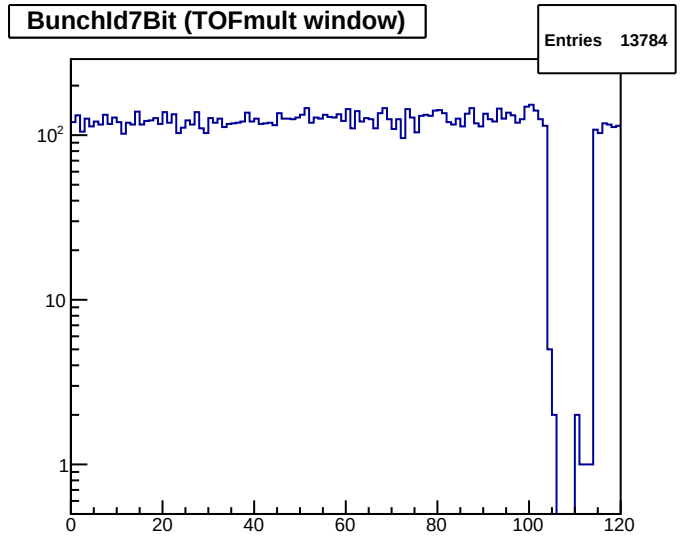

BunchId7Bit (VPD-TAC)
Entries 203088

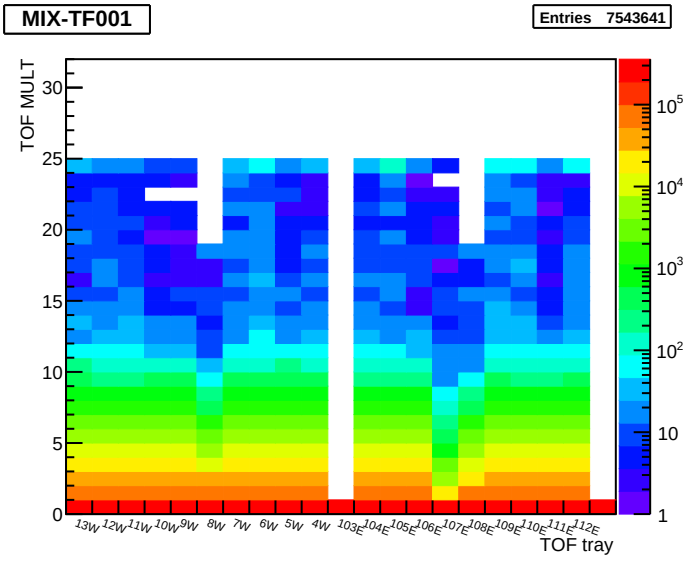

BunchId7Bit (ZDC-TAC)
Entries 918

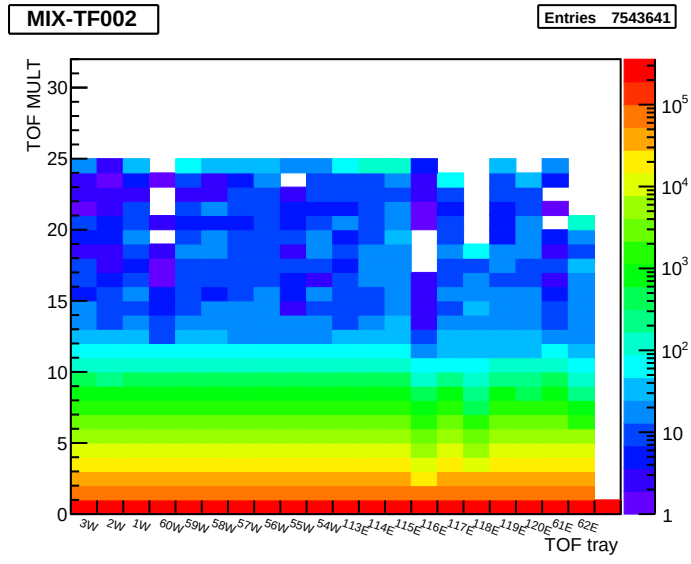

BunchId7Bit (EPD-TAC)
Entries 281882

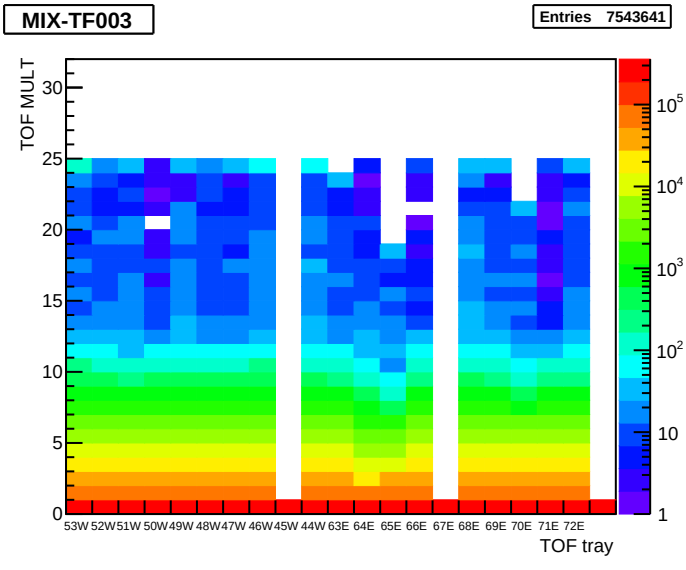

BunchId7Bit (BBC-TAC)
Entries 153433

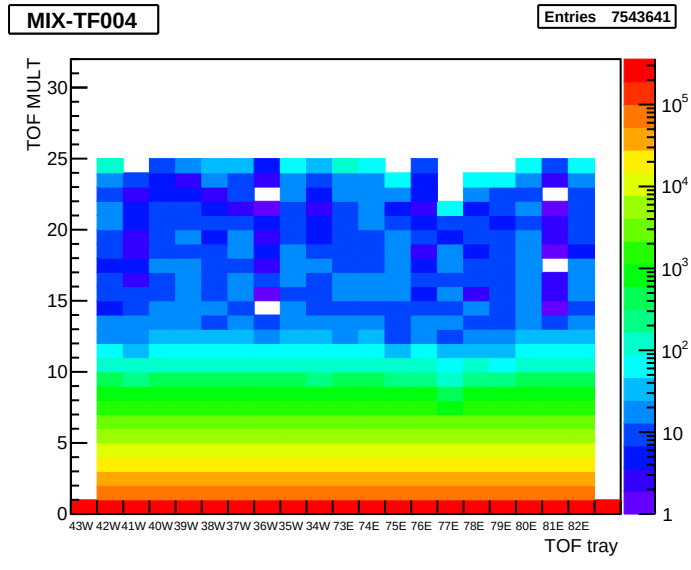

BunchId7Bit (Laser)
Entries 0

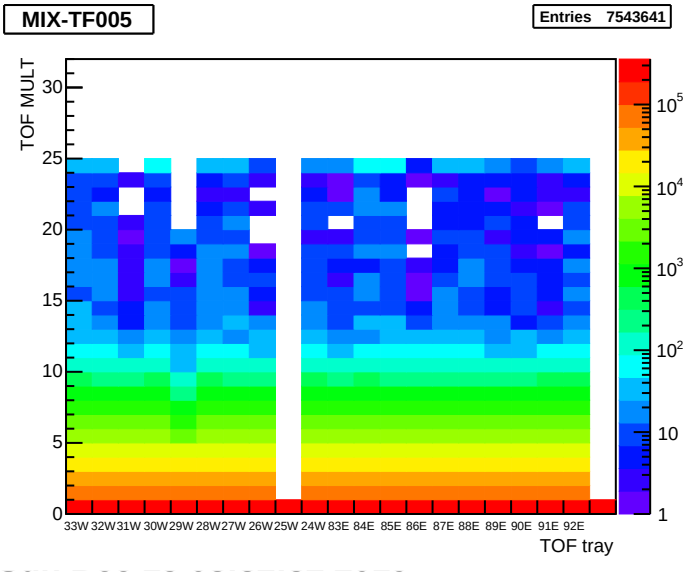

BunchId7Bit (TOFmult window)
Entries 13784

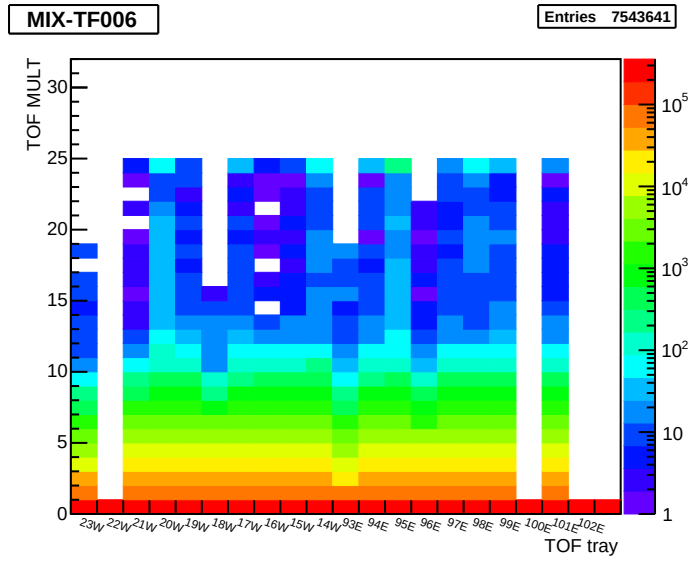

MIX-TF001
Entries 7543641
TOF MULT
TOF tray

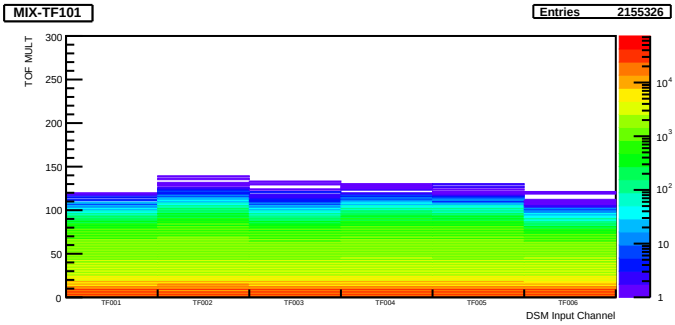

MIX-TF002
Entries 7543641
TOF MULT
TOF tray

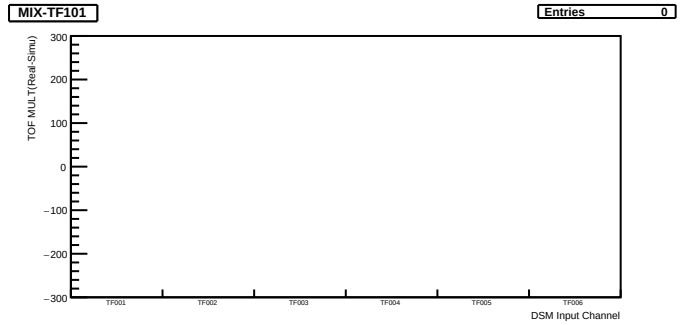

MIX-TF003
Entries 7543641
TOF MULT
TOF tray

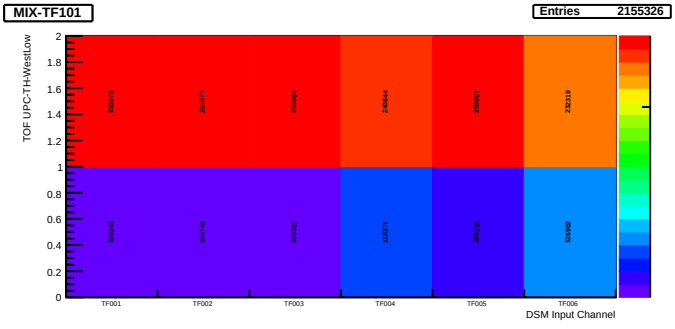

MIX-TF004
Entries 7543641
TOF MULT
TOF tray

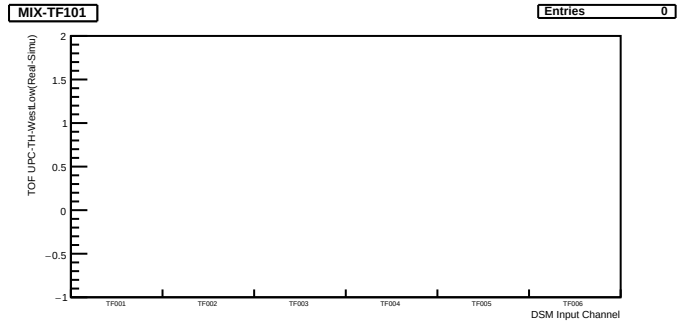

MIX-TF005
Entries 7543641
TOF MULT
TOF tray

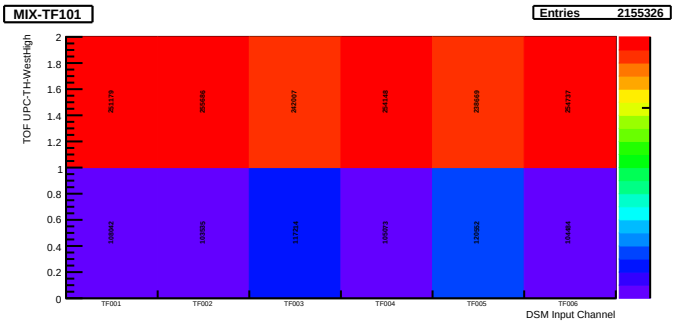

MIX-TF006
Entries 7543641
TOF MULT
TOF tray

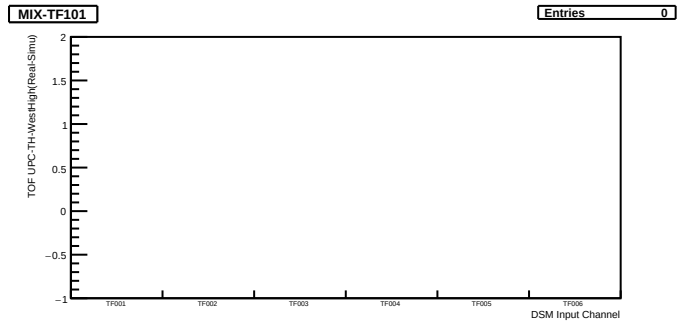

MIX-TF101
Entries 2155326
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

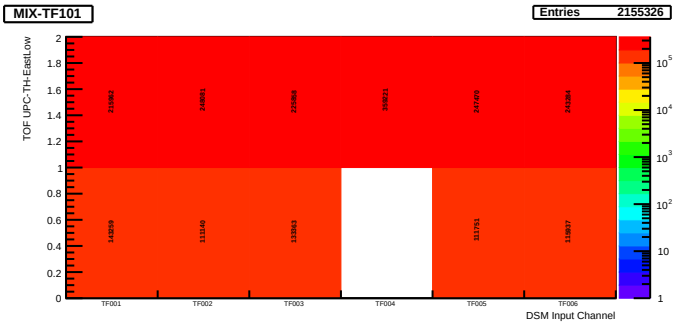

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

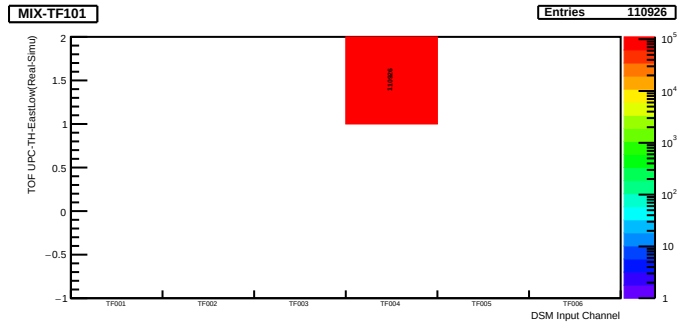

MIX-TF101
Entries 2155326
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

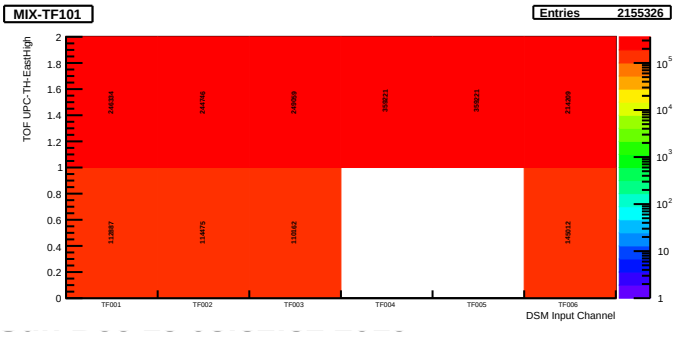

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

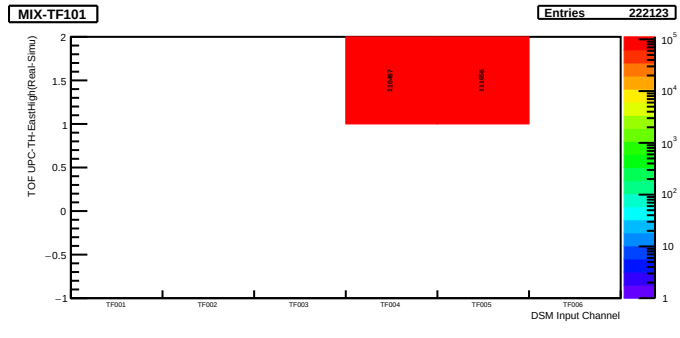

MIX-TF101
Entries 2155326
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

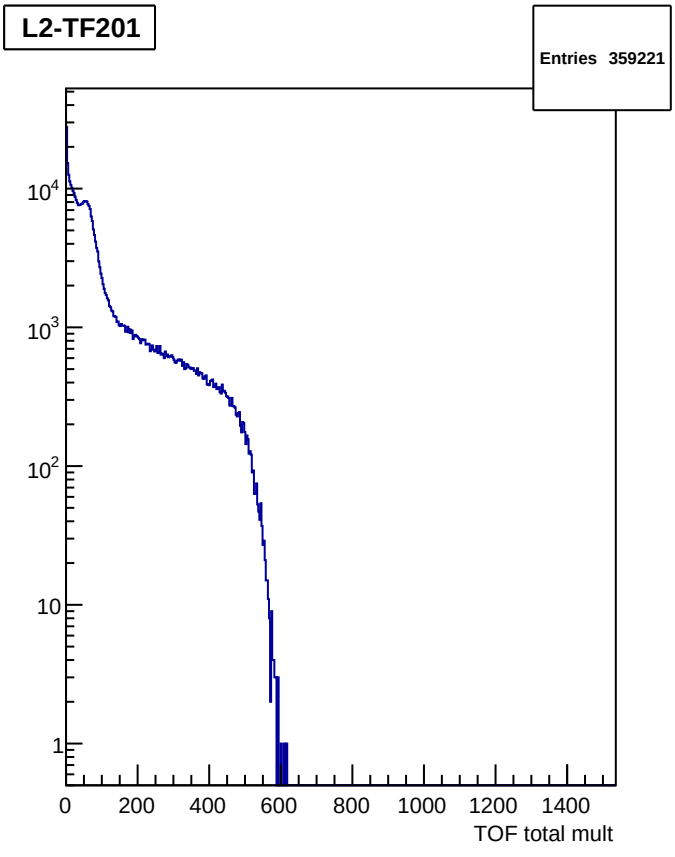

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

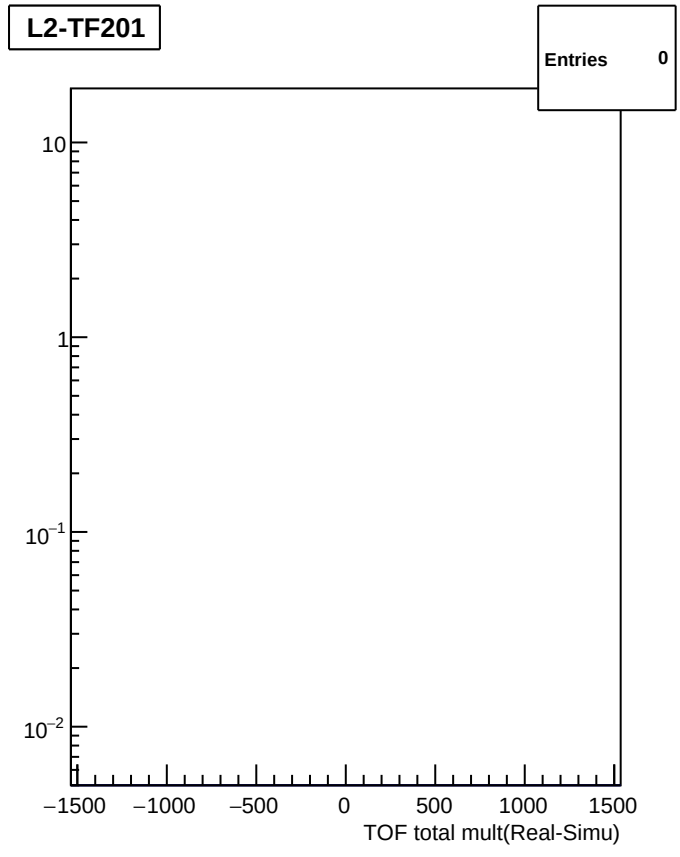

MIX-TF101
Entries 2155326
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

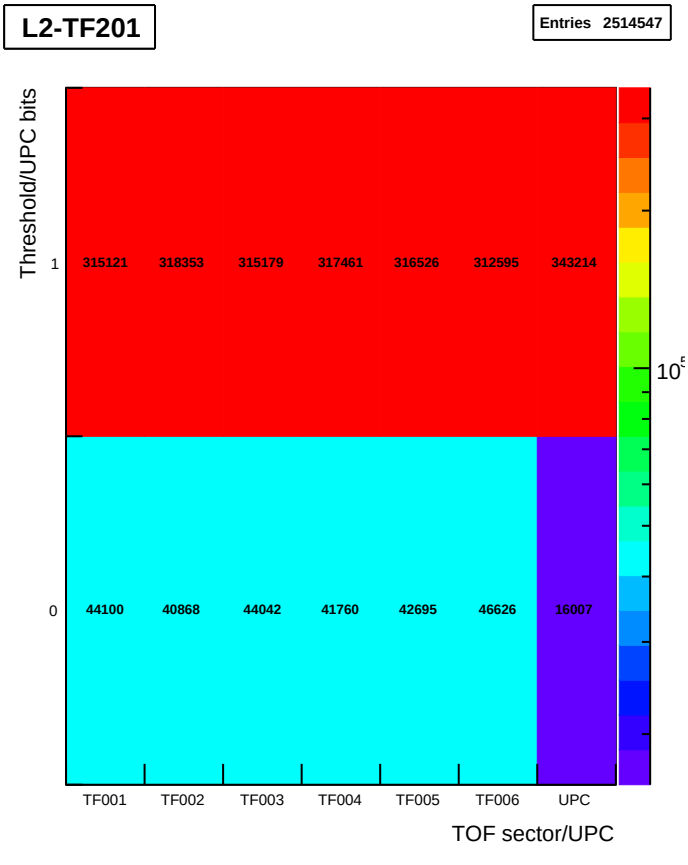

MIX-TF101
Entries 110926
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

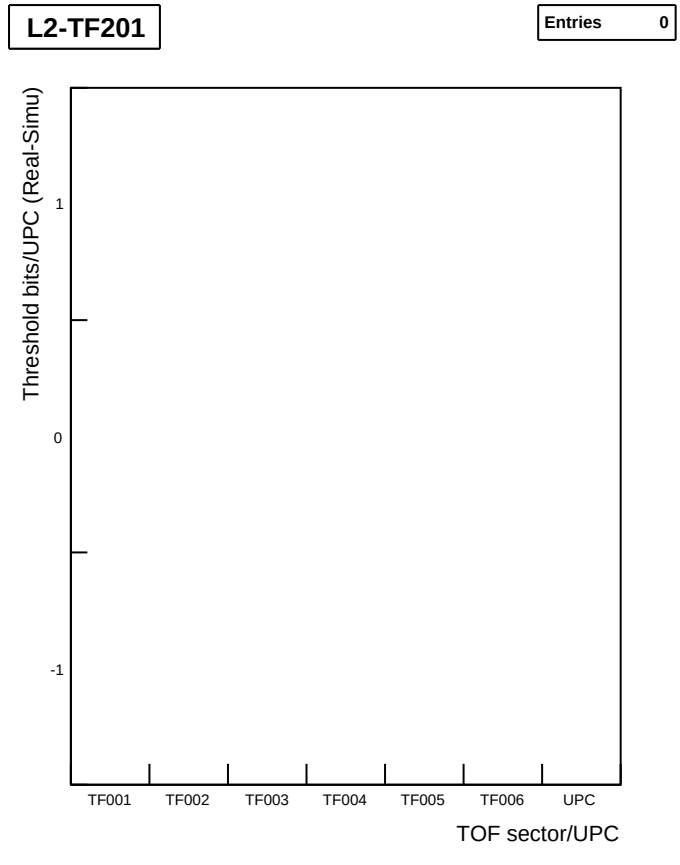

MIX-TF101
Entries 2155326
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

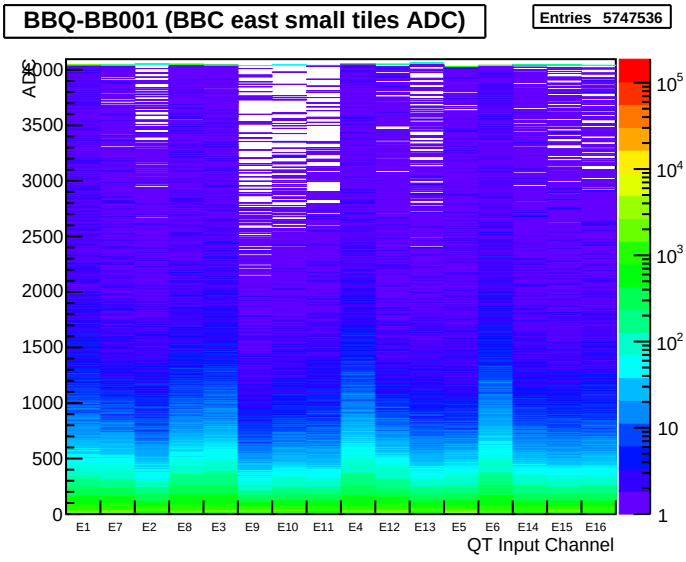

MIX-TF101
Entries 222123
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

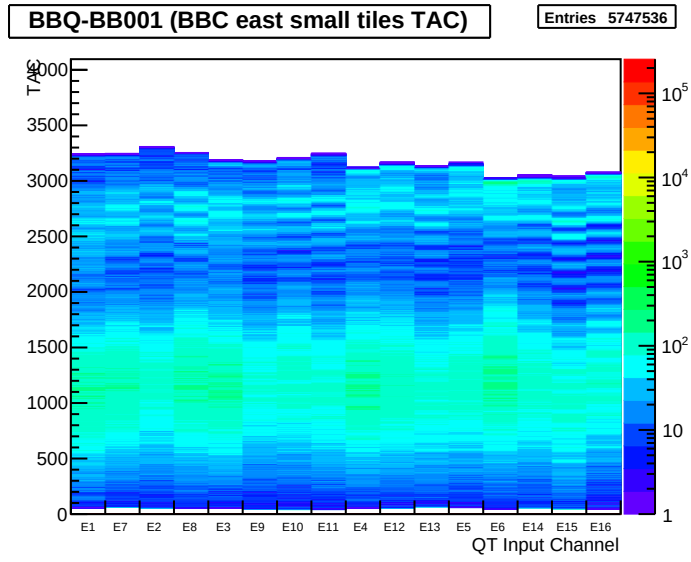

L2-TF201
Entries 359221
TOF total mult

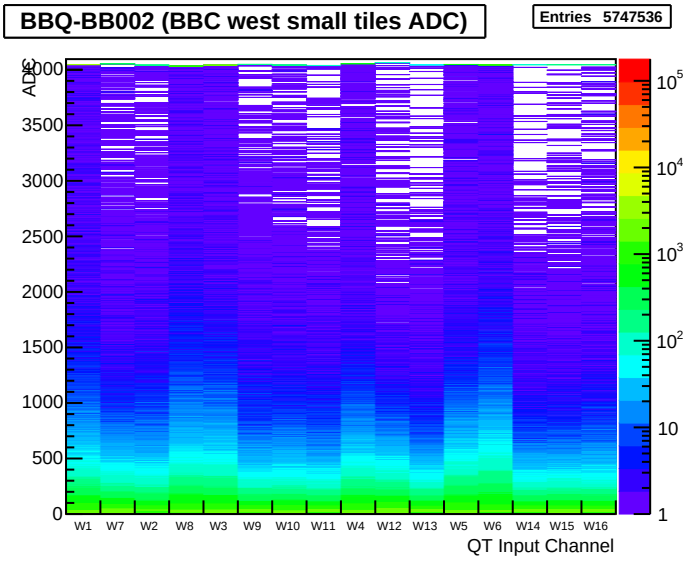

L2-TF201
Entries 0
TOF total mult(Real-Simu)

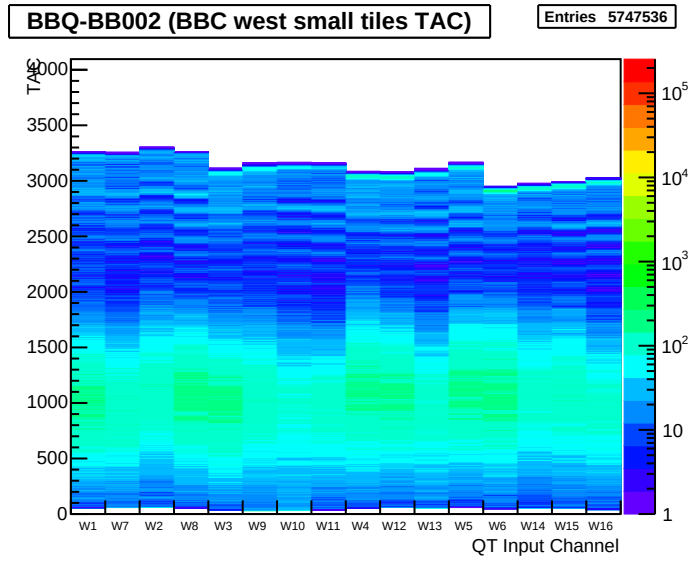

L2-TF201
Entries 2514547
Threshold/UPC bits
315121 318353 315179 317461 316526 312595 343214
44100 40868 44042 41760 42695 46626 16007
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

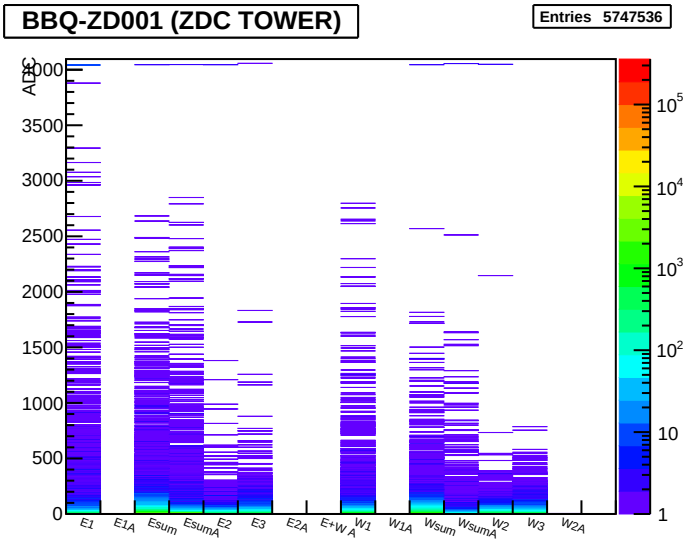

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

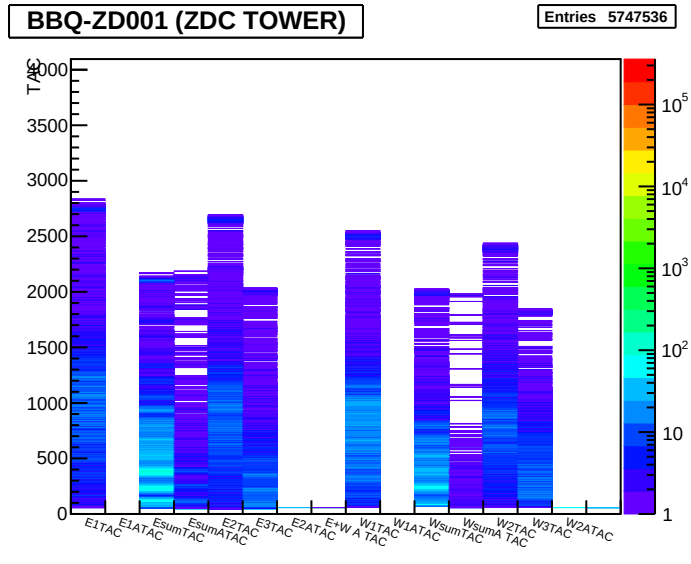

BBQ-BB001 (BBC east small tiles ADC)
Entries 5747536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

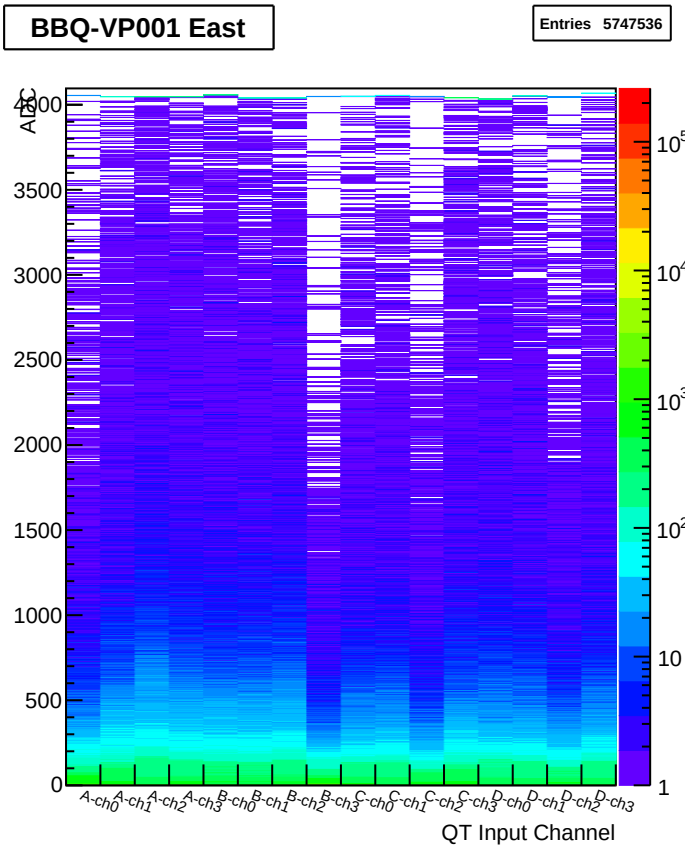

BBQ-BB001 (BBC east small tiles TAC)
Entries 5747536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

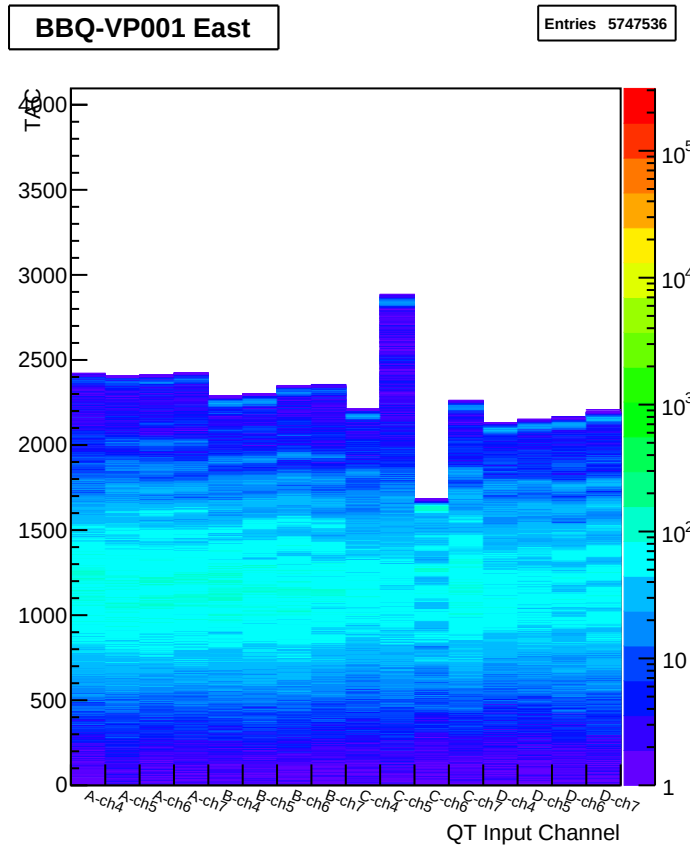

BBQ-BB002 (BBC west small tiles ADC)
Entries 5747536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

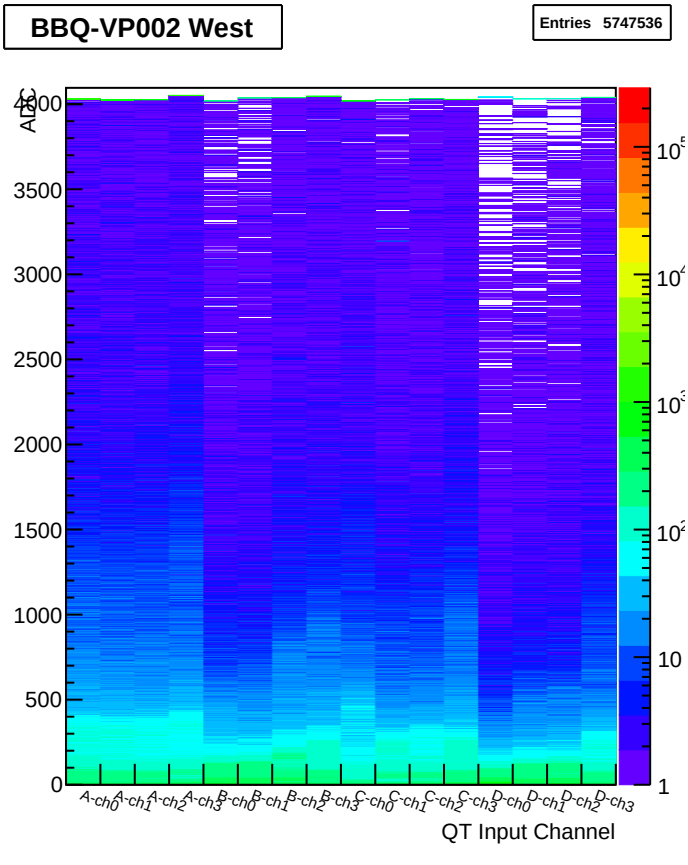

BBQ-BB002 (BBC west small tiles TAC)
Entries 5747536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

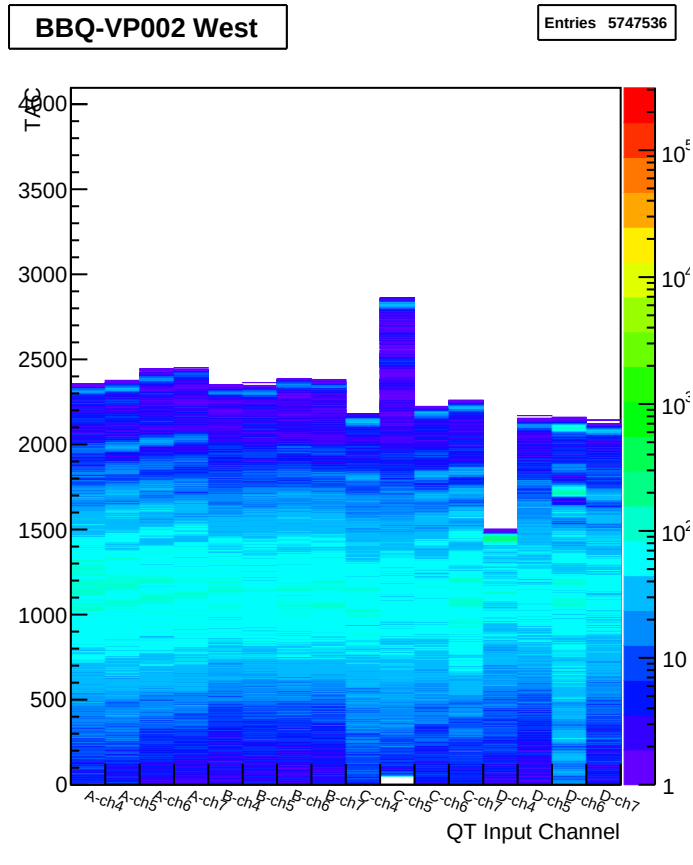

BBQ-ZD001 (ZDC TOWER)
Entries 5747536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

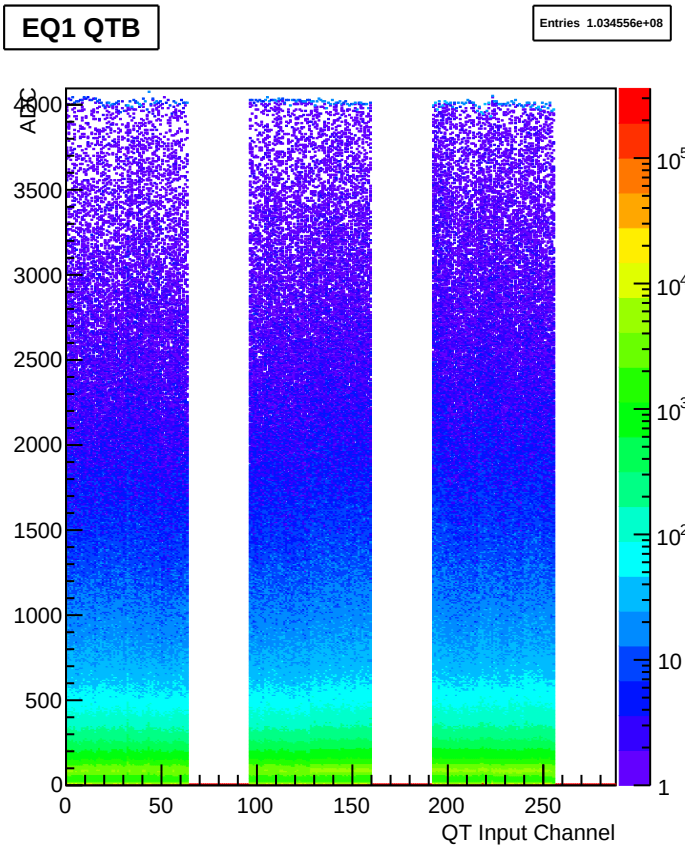

BBQ-ZD001 (ZDC TOWER)
Entries 5747536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

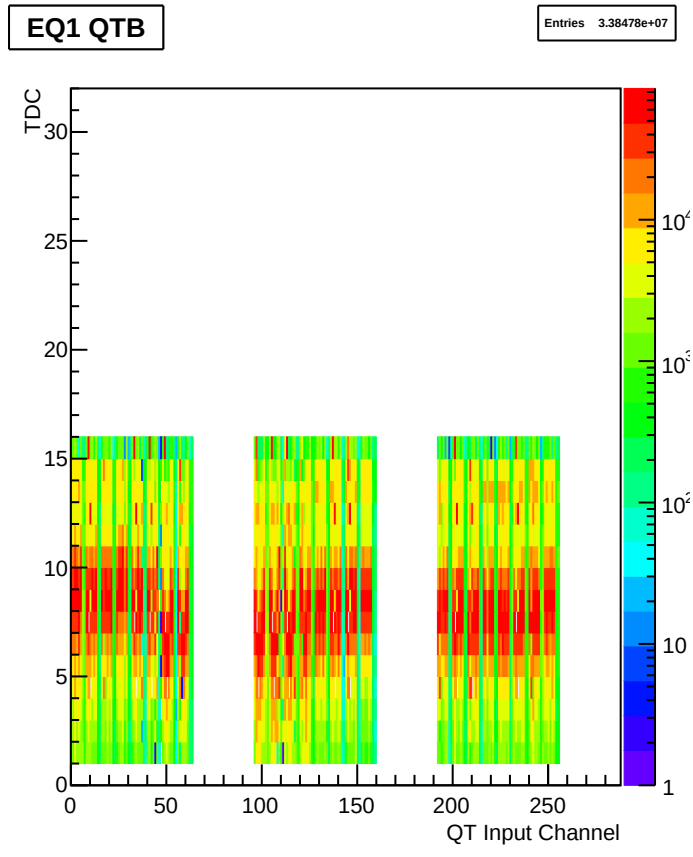

BBQ-VP001 East
Entries 5747536
ADC
QT Input Channel

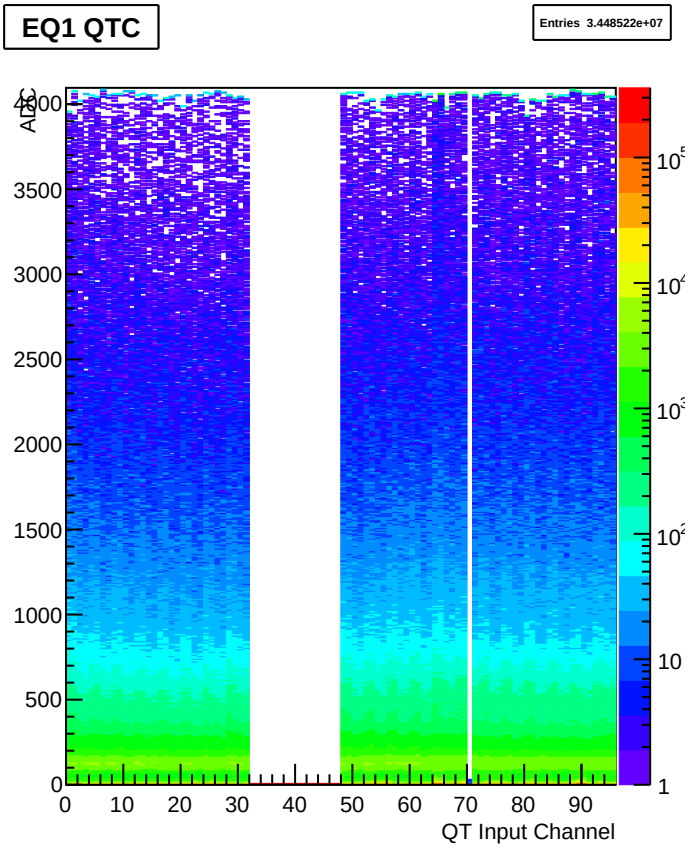

BBQ-VP001 East
Entries 5747536
TADC
QT Input Channel

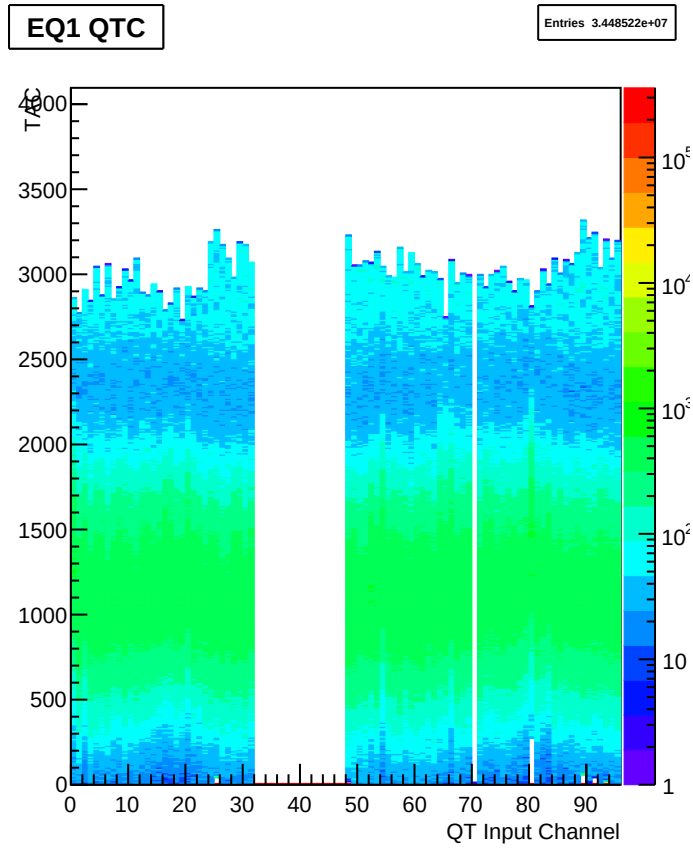

BBQ-VP002 West
Entries 5747536
ADC
QT Input Channel

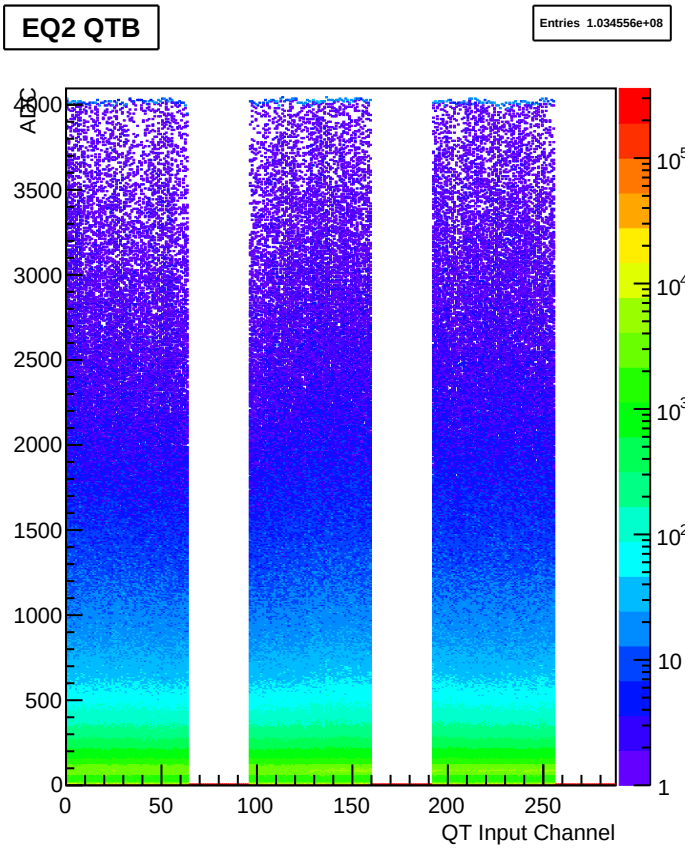

BBQ-VP002 West
Entries 5747536
TADC
QT Input Channel

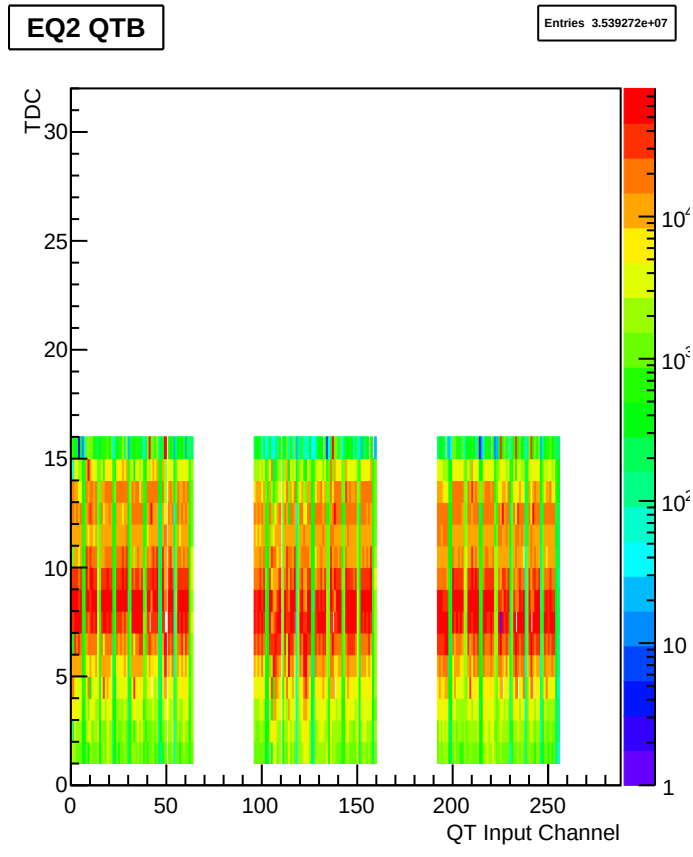

EQ1 QTB
Entries 1.034556e+08
ADC
QT Input Channel

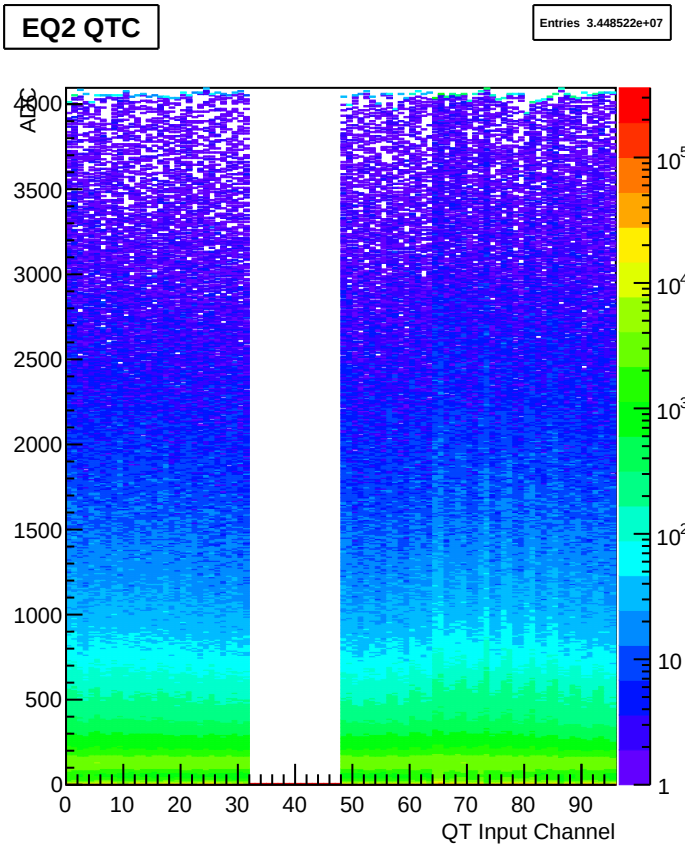

EQ1 QTB
Entries 3.38478e+07
TDC
QT Input Channel

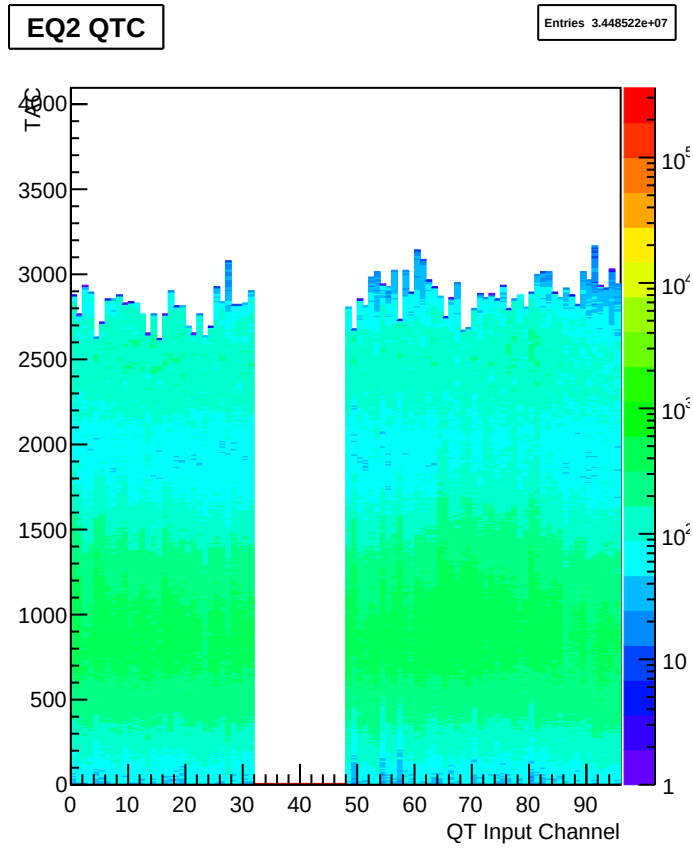

EQ1 QTC
Entries 3.448522e+07
ADC
QT Input Channel

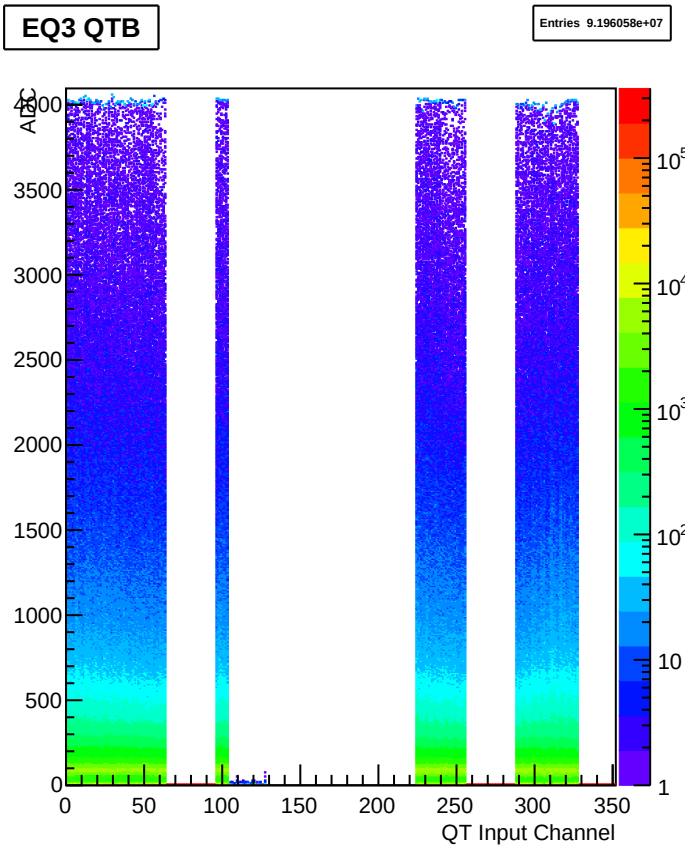

EQ1 QTC
Entries 3.448522e+07
TADC
QT Input Channel

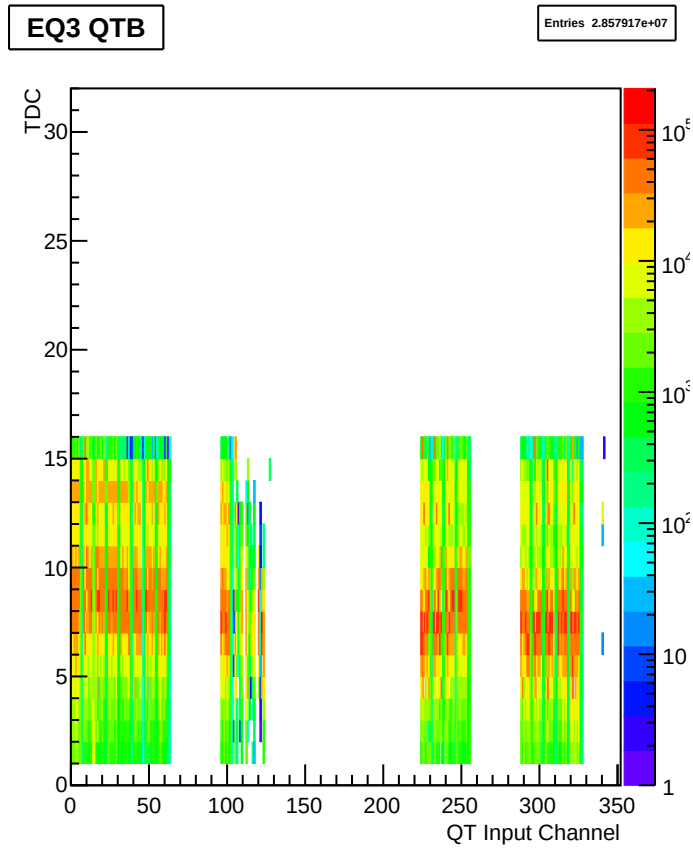

EQ2 QTB
Entries 1.034556e+08
ADC
QT Input Channel

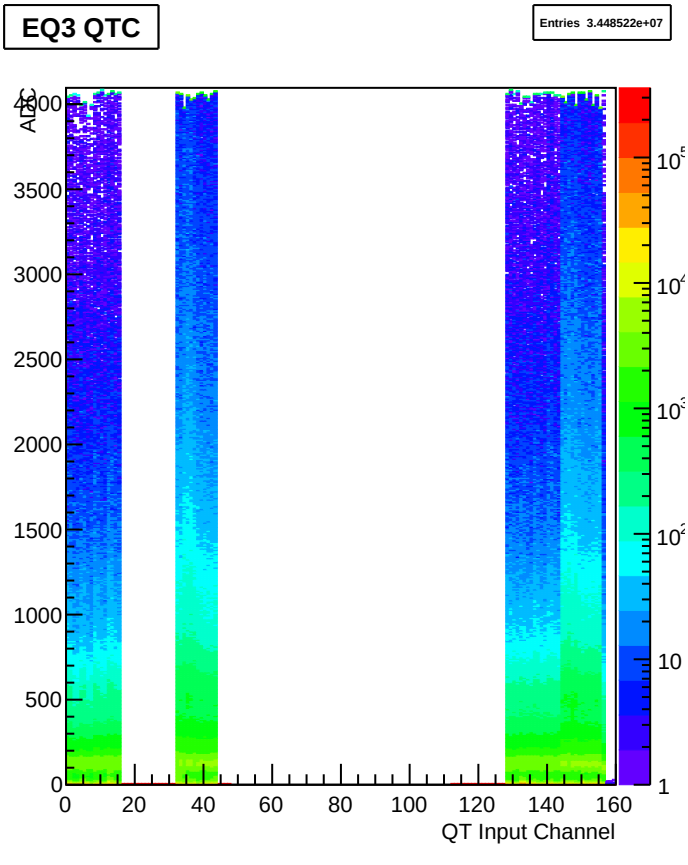

EQ2 QTB
Entries 3.539272e+07
TDC
QT Input Channel

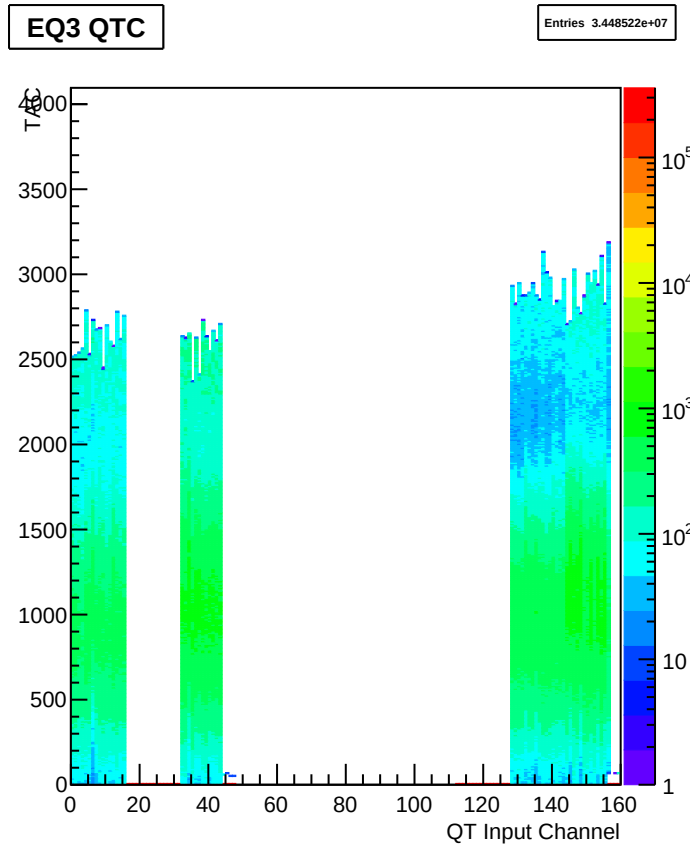

EQ2 QTC
Entries 3.448522e+07
ADC
QT Input Channel

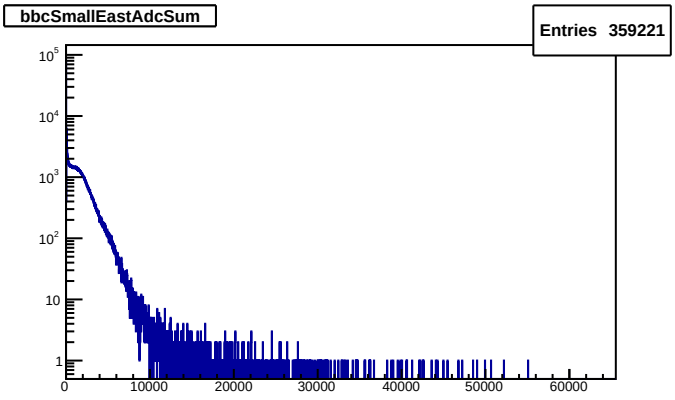

EQ2 QTC
Entries 3.448522e+07
TADC
QT Input Channel

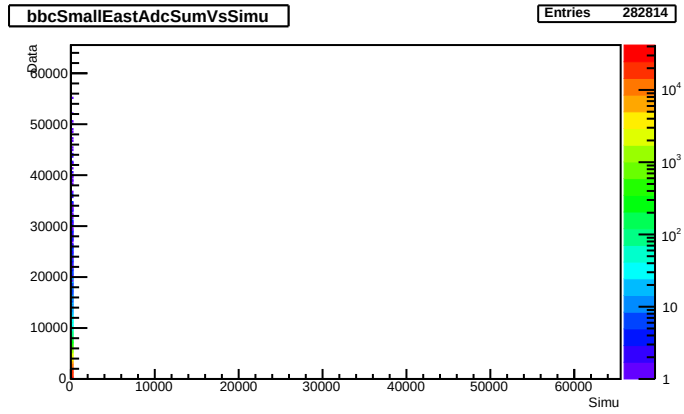

EQ3 QTB
Entries 9.196058e+07
ADC
QT Input Channel

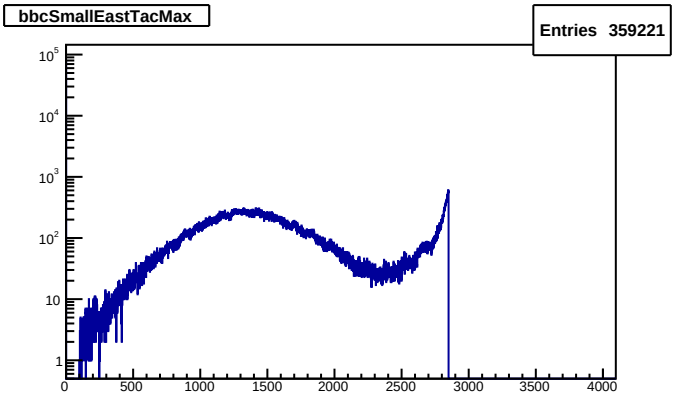

EQ3 QTB
Entries 2.857917e+07
TDC
QT Input Channel

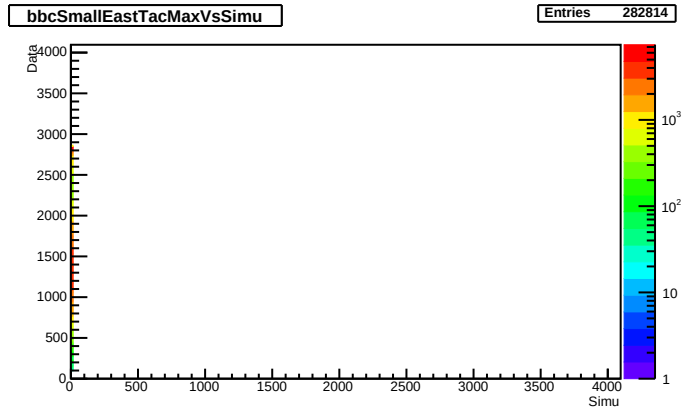

EQ3 QTC
Entries 3.448522e+07
ADC
QT Input Channel

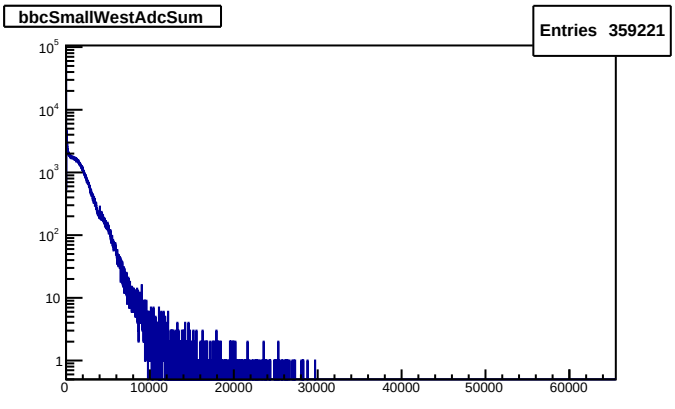

EQ3 QTC
Entries 3.448522e+07
TADC
QT Input Channel

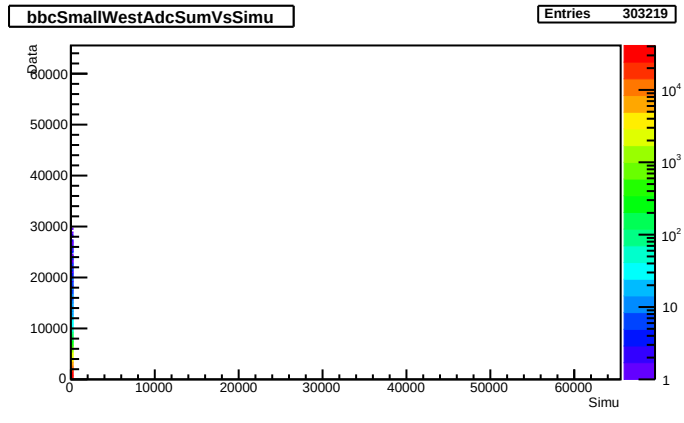

bbcSmallEastAdcSum
Entries 359221

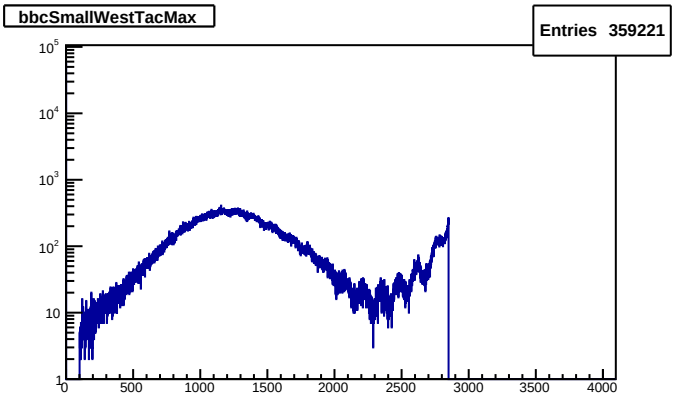

bbcSmallEastAdcSumVsSimu
Entries 282814
Data
Simu

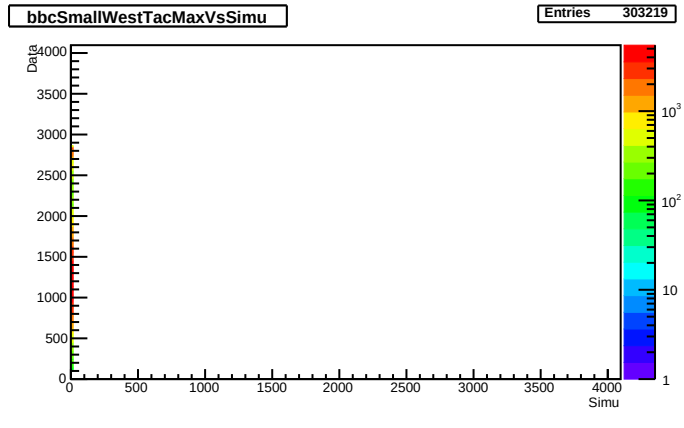

bbcSmallEastTacMax
Entries 359221

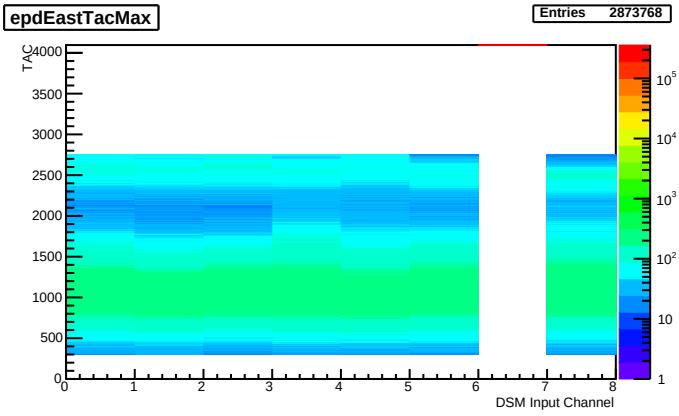

bbcSmallEastTacMaxVsSimu
Entries 282814
Data
Simu

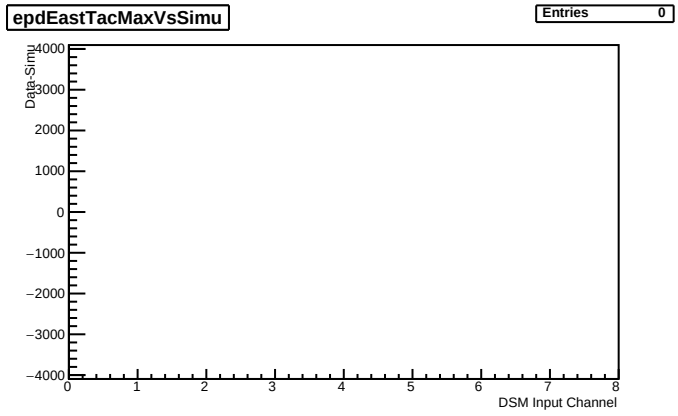

bbcSmallWestAdcSum
Entries 359221

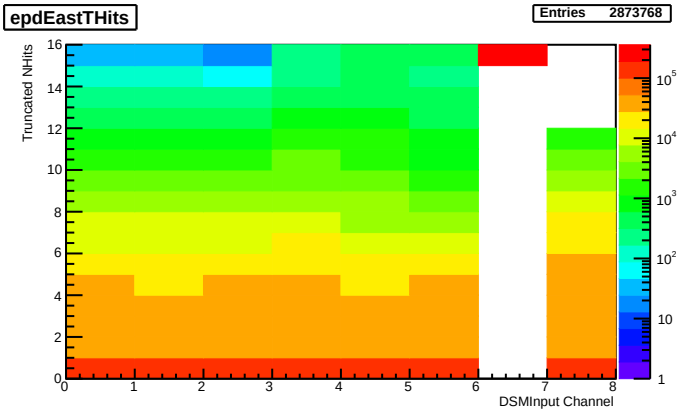

bbcSmallWestAdcSumVsSimu
Entries 303219
Data
Simu

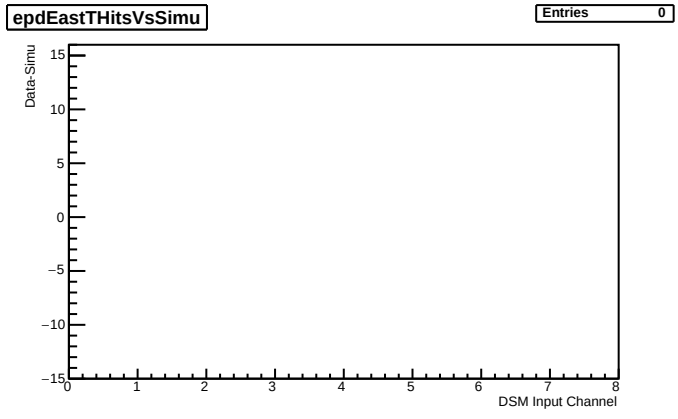

bbcSmallWestTacMax
Entries 359221

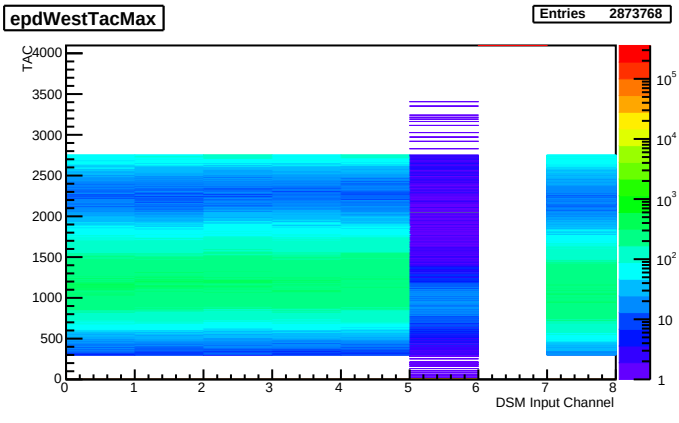

bbcSmallWestTacMaxVsSimu
Entries 303219
Data
Simu

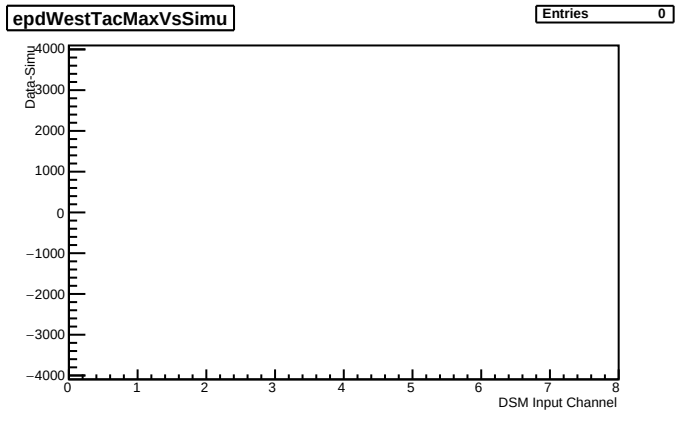

epdEastTacMax
Entries 2873768
TAC
DSM Input Channel

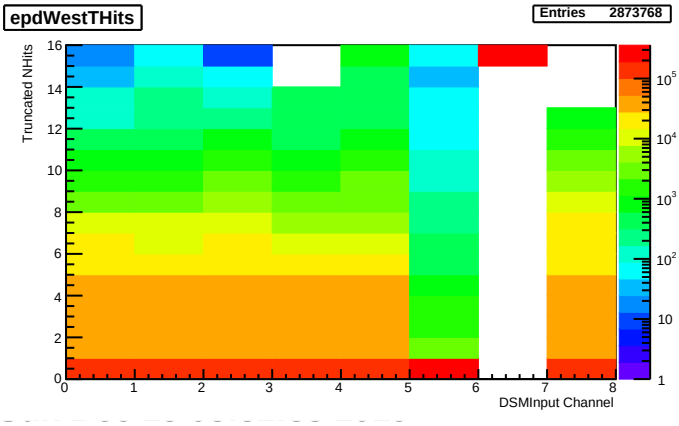

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

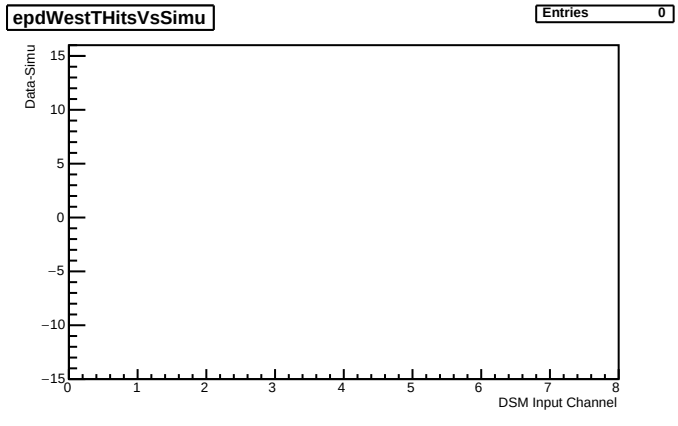

epdEastTHits
Entries 2873768
Truncated NHits
DSMInput Channel

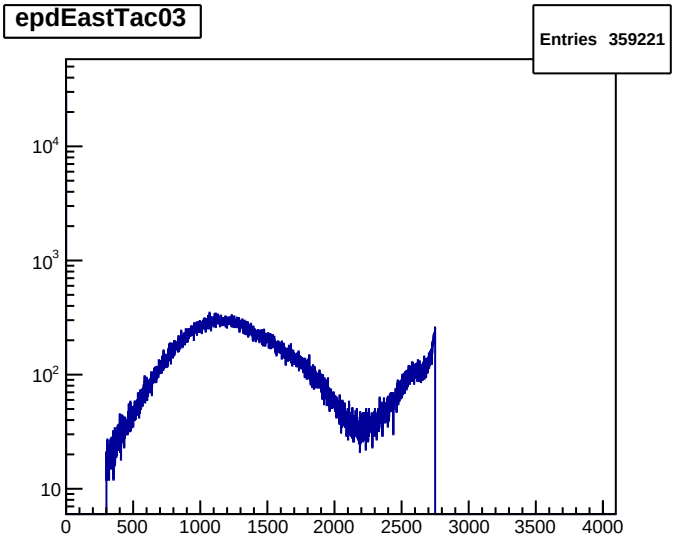

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

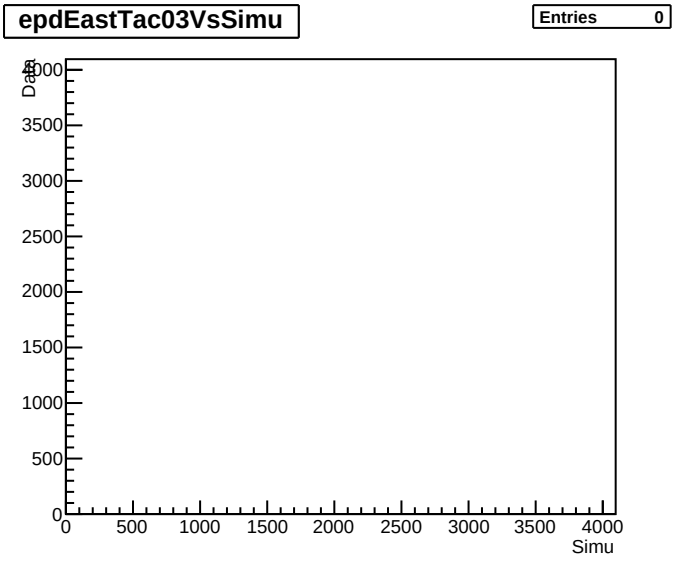

epdWestTacMax
Entries 2873768
TAC
DSM Input Channel

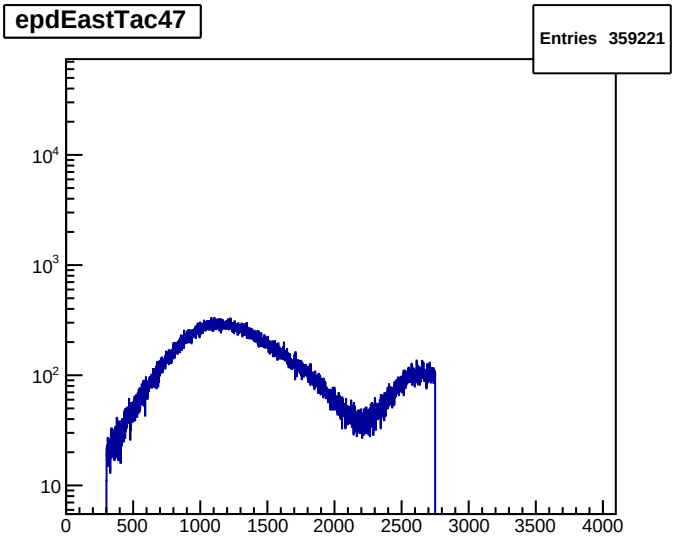

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

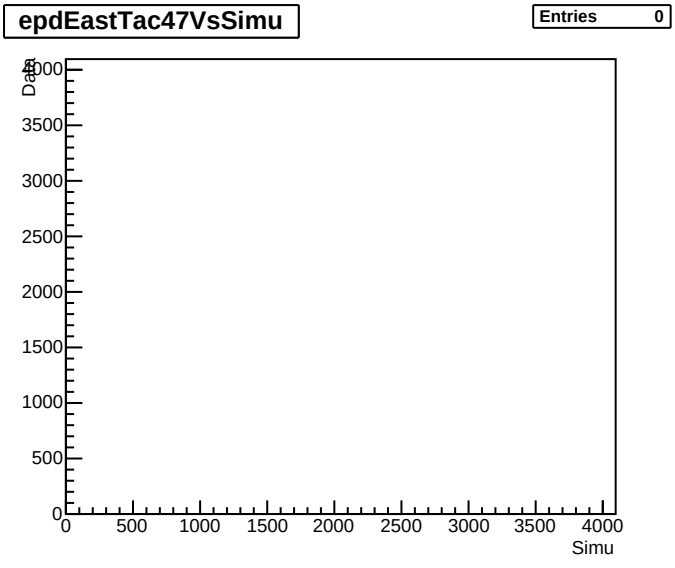

epdWestTHits
Entries 2873768
Truncated NHits
DSMInput Channel

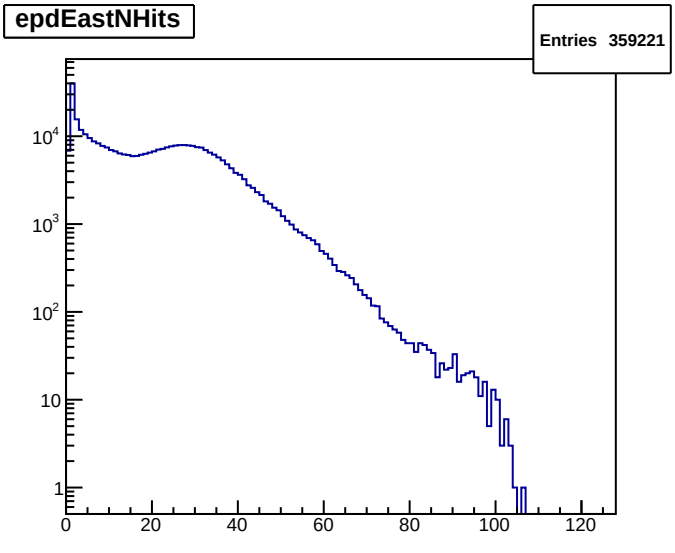

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

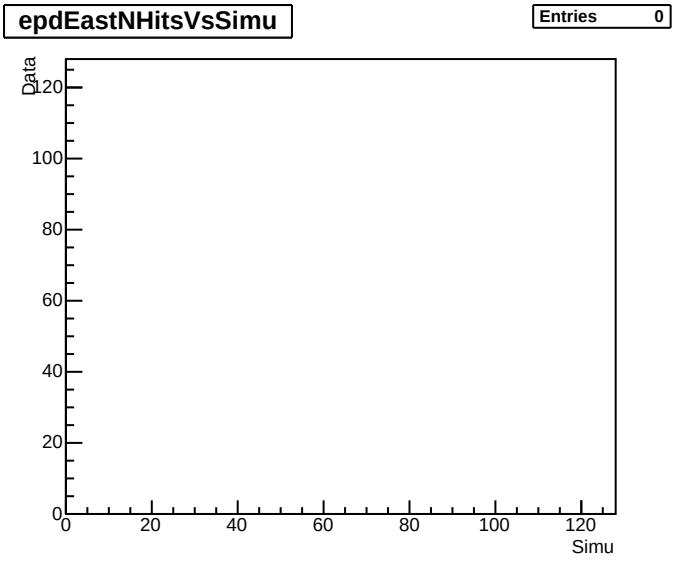

epdEastTac03
Entries 359221


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 359221


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 359221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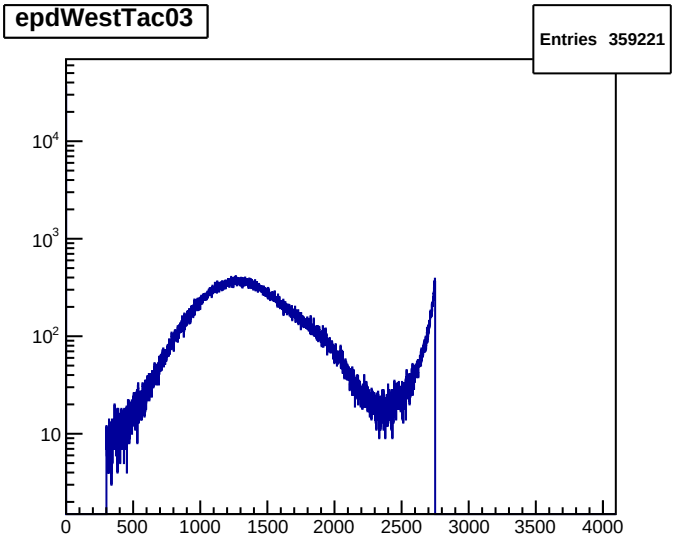
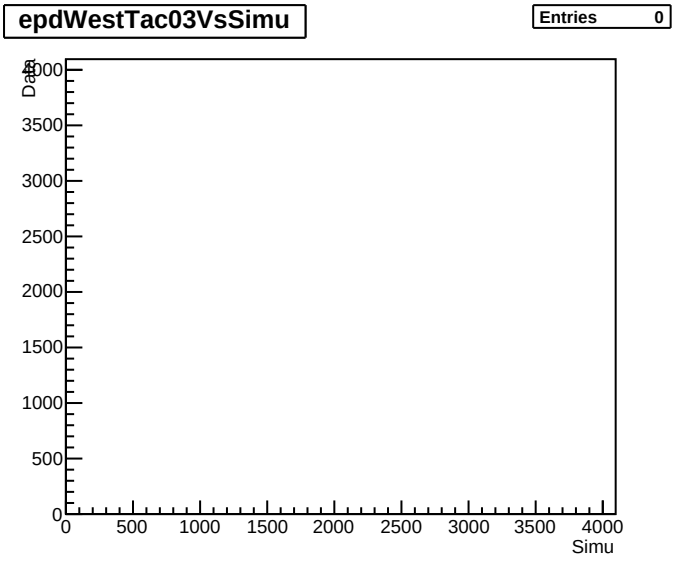
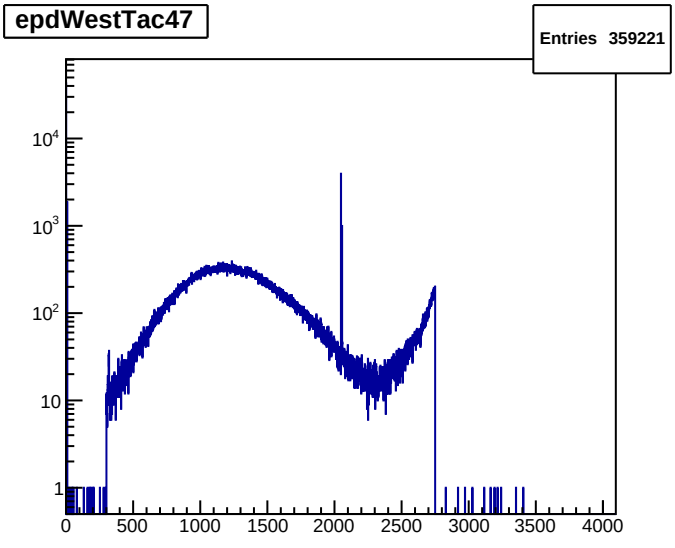
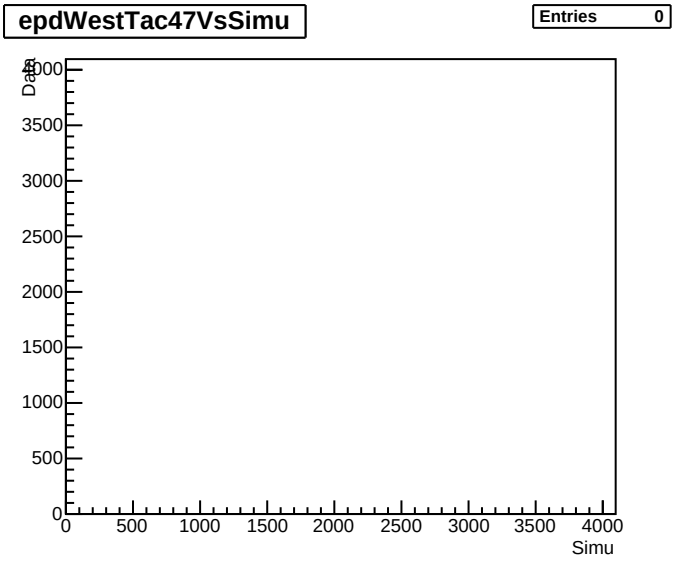
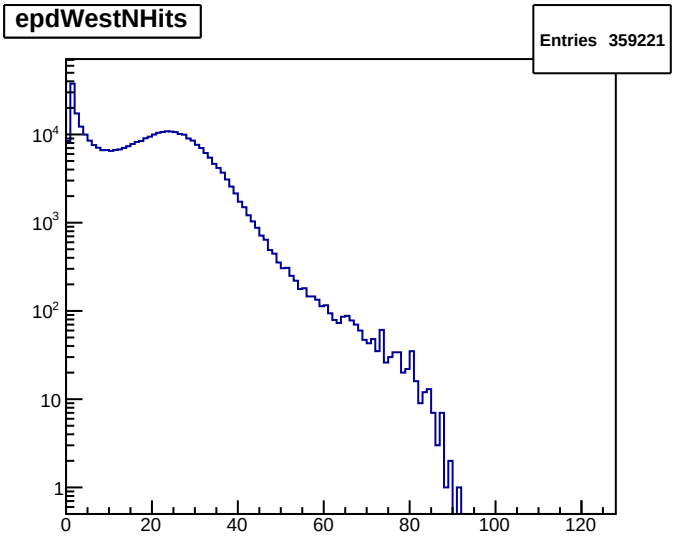
Entries 0
Data
Simu

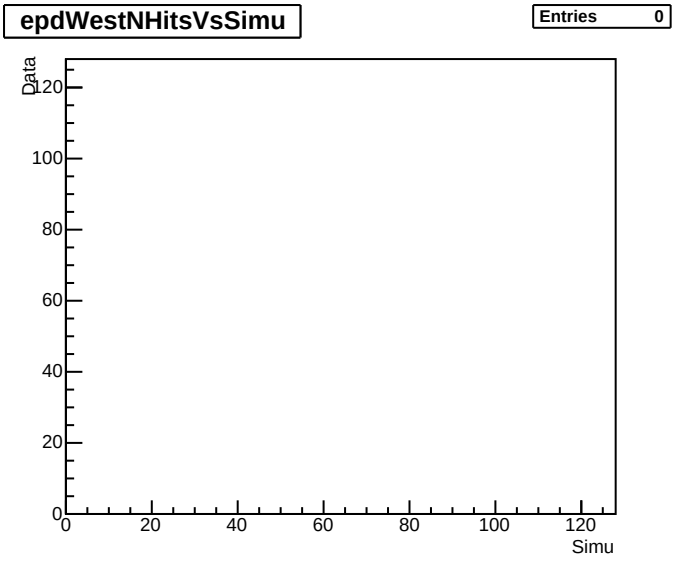

epdWestTac03
Entries 359221

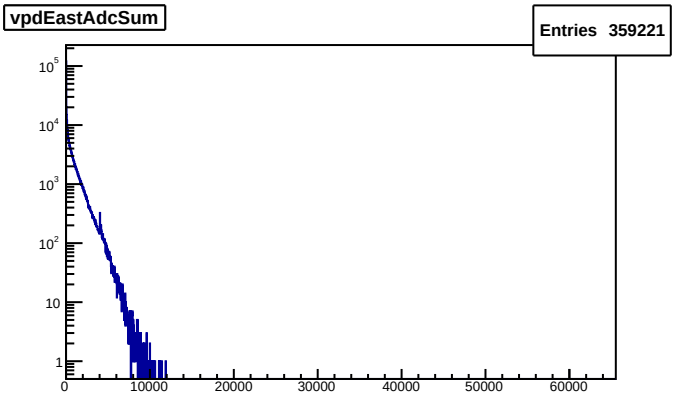

epdWestTac03VsSimu
Entries 0
Data
Simu

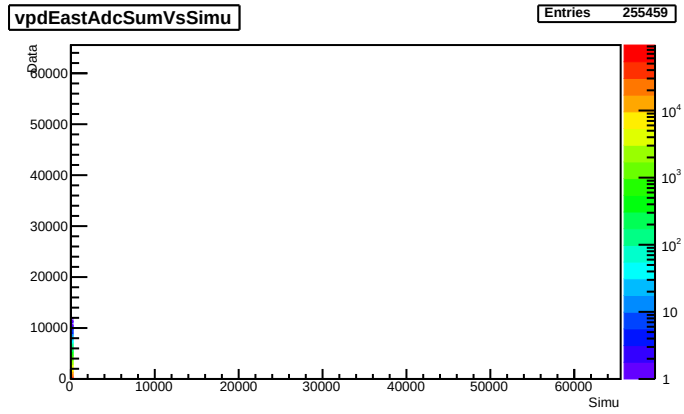

epdWestTac47
Entries 359221

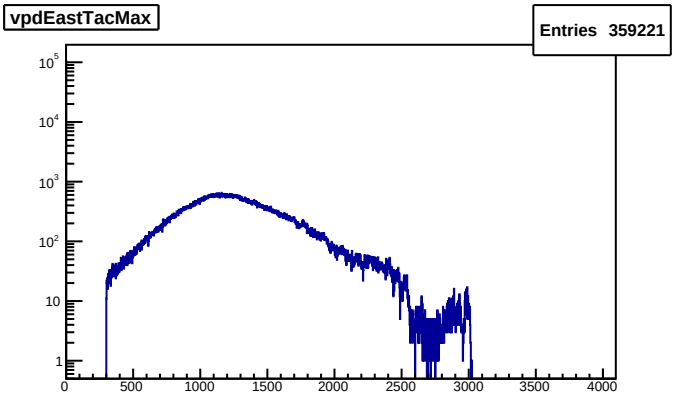

epdWestTac47VsSimu
Entries 0
Data
Simu

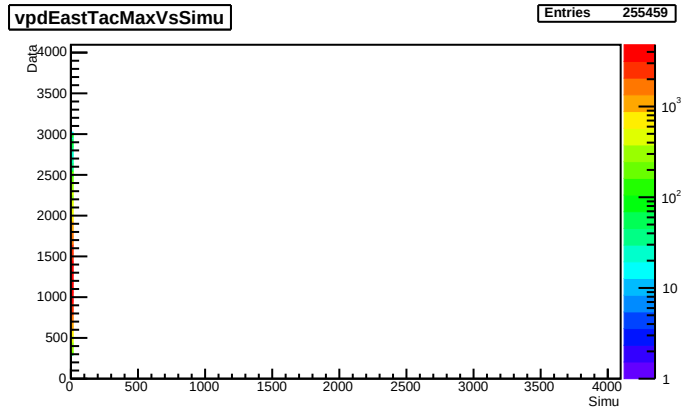

epdWestNHits
Entries 359221

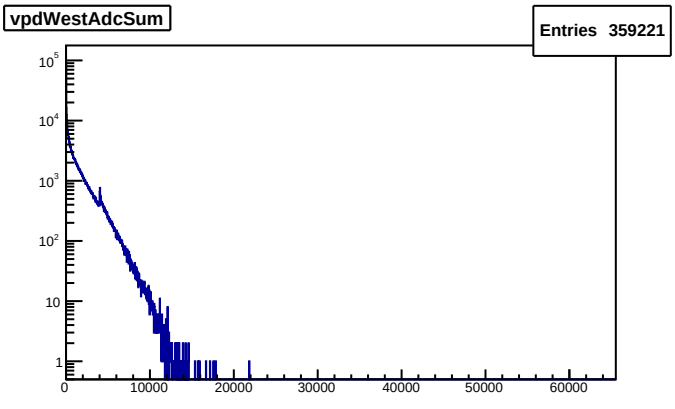

epdWestNHitsVsSimu
Entries 0
Data
Simu

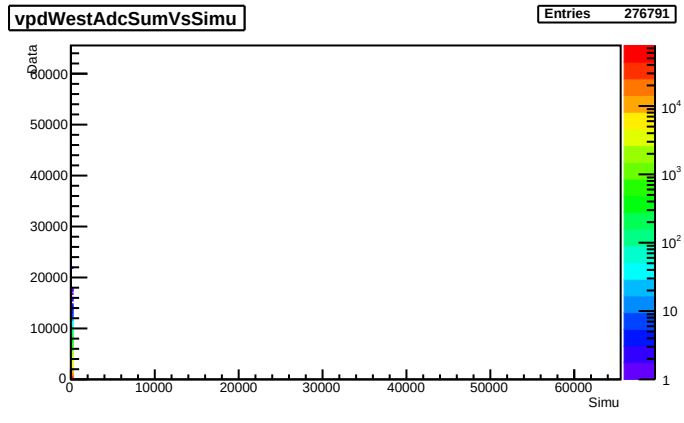

vpdEastAdcSum
Entries 359221

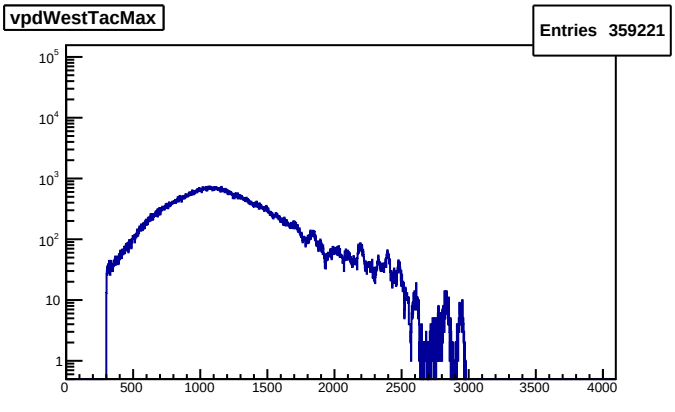

vpdEastAdcSumVsSimu
Entries 255459
Data
Simu

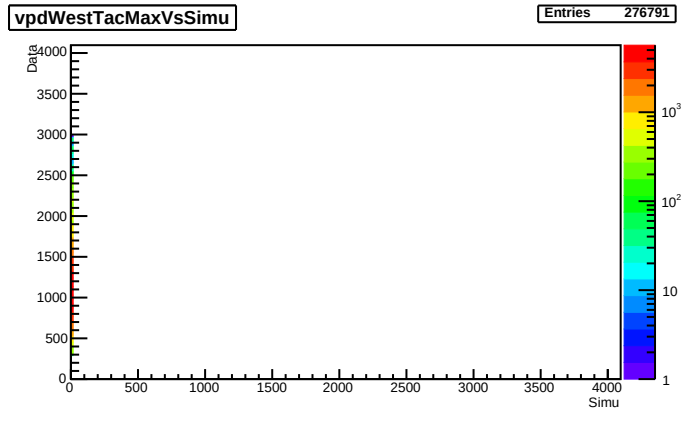

vpdEastTacMax
Entries 359221

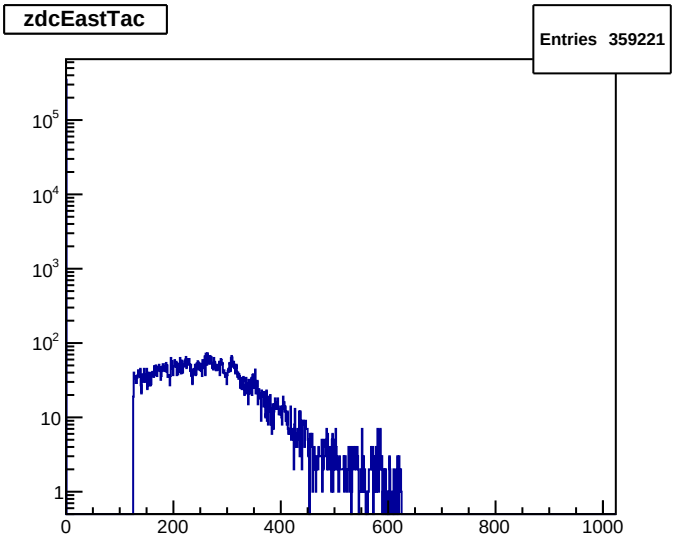

vpdEastTacMaxVsSimu
Entries 255459
Data
Simu

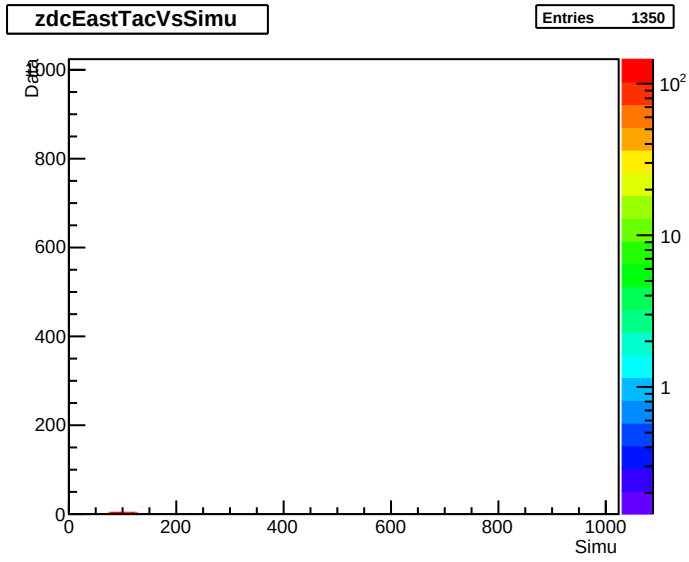

vpdWestAdcSum
Entries 359221

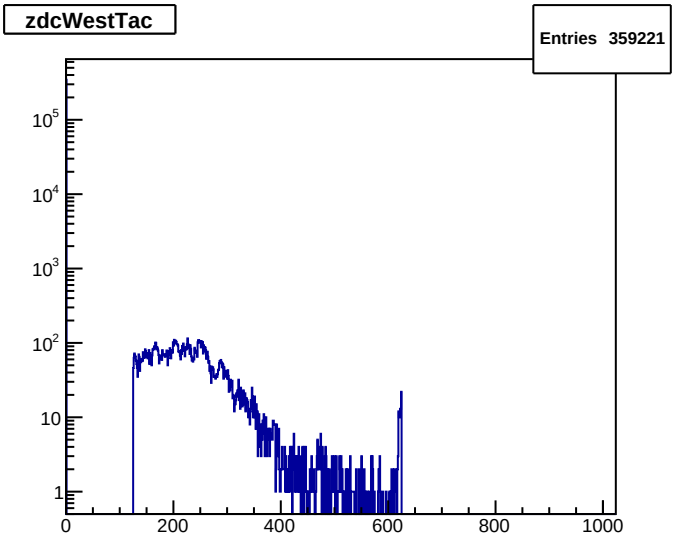

vpdWestAdcSumVsSimu
Entries 276791
Data
Simu

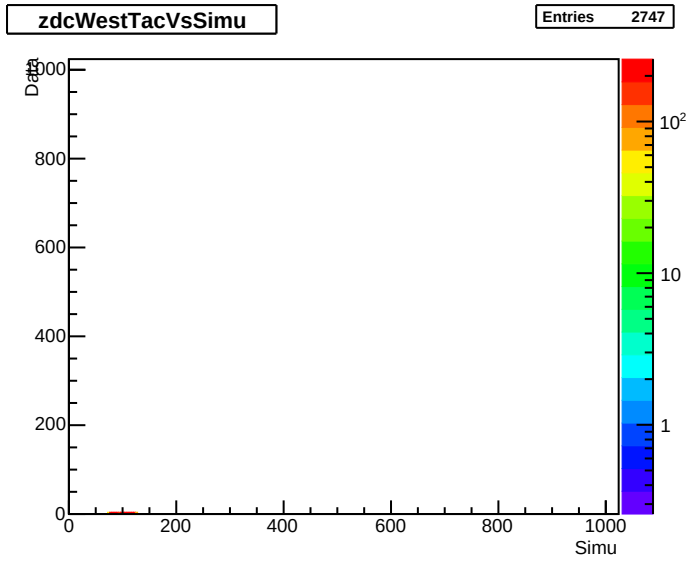

vpdWestTacMax
Entries 359221

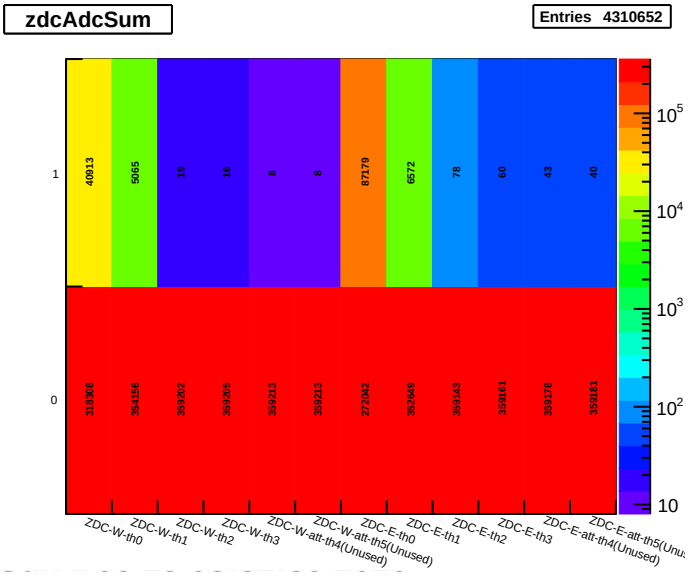

vpdWestTacMaxVsSimu
Entries 276791
Data
Simu

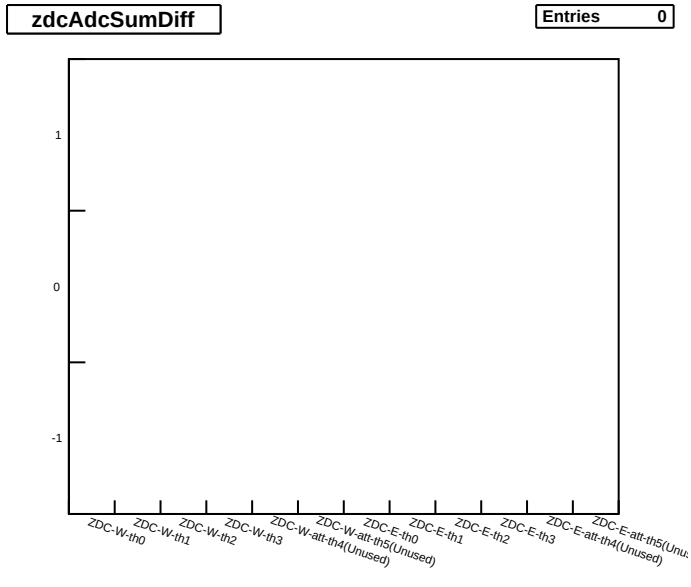

zdcEastTac
Entries 359221

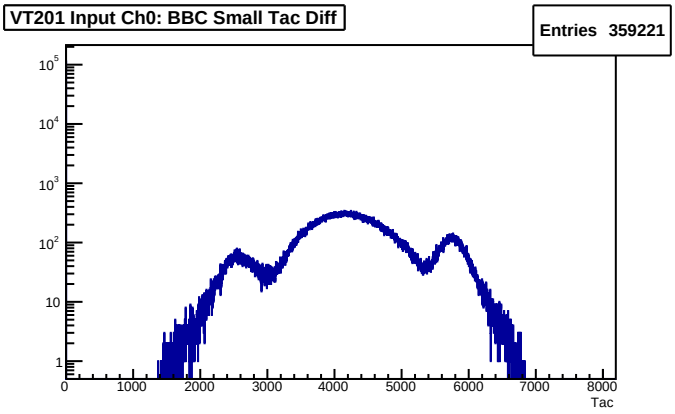

zdcEastTacVsSimu
Entries 1350
Data
Simu

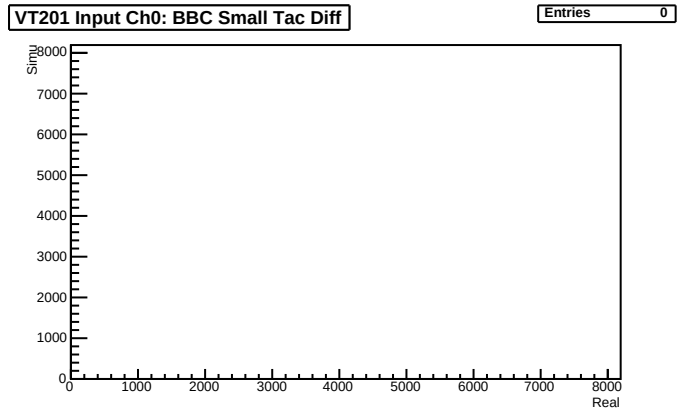

zdcWestTac
Entries 359221

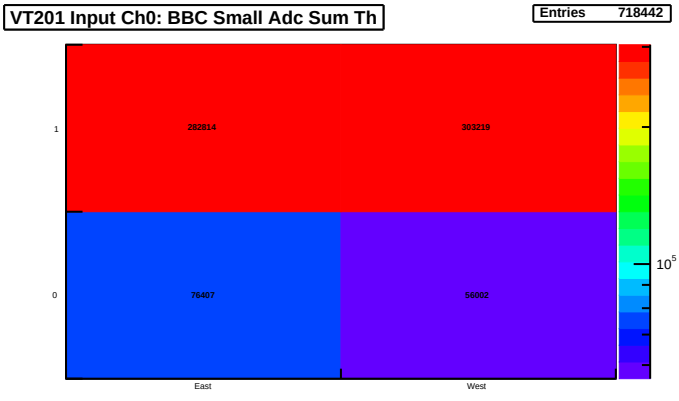

zdcWestTacVsSimu
Entries 2747
Data
Simu

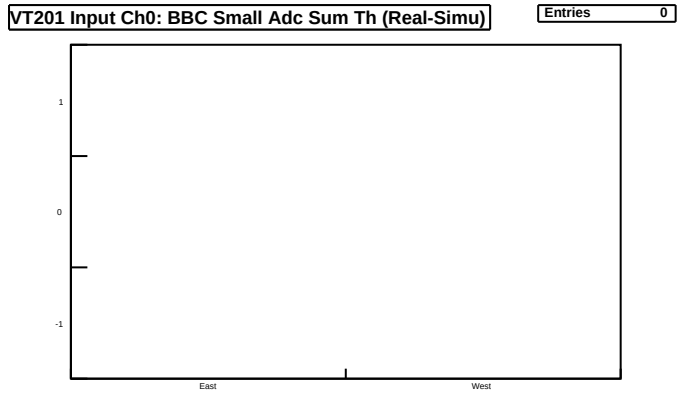

zdcAdcSum
Entries 4310652
40913
5065
19
16
8
8
87179
6572
78
60
43
40
318308
354156
359202
359205
359213
359213
272042
352649
359143
359161
359178
359181
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

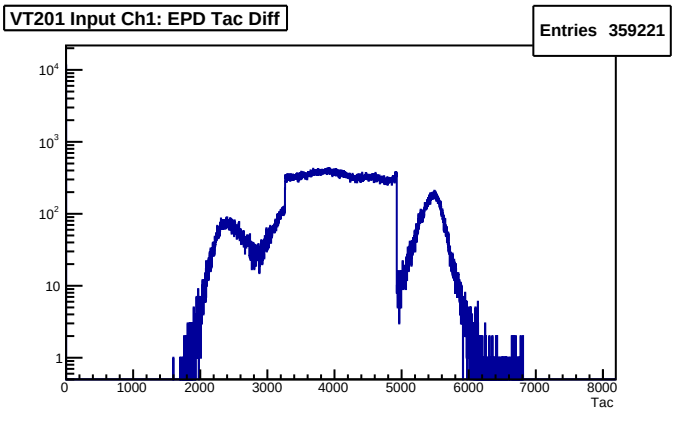

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

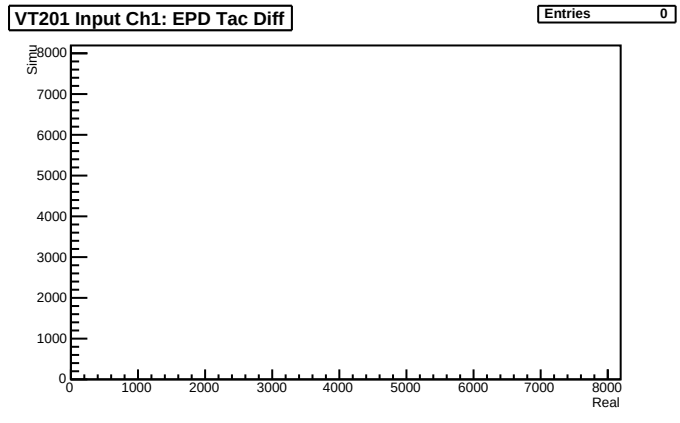

VT201 Input Ch0: BBC Small Tac Diff
Entries 359221
Tac

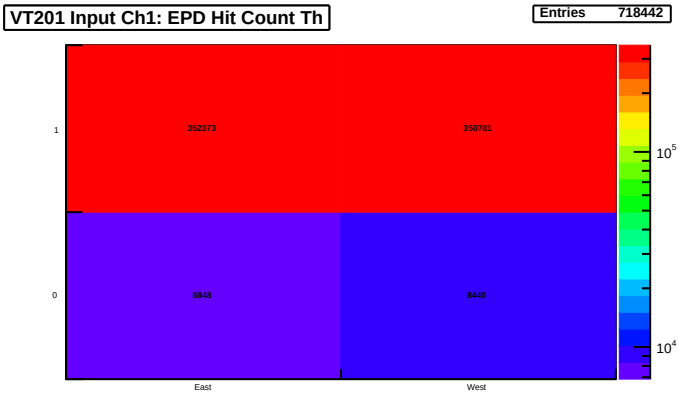

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

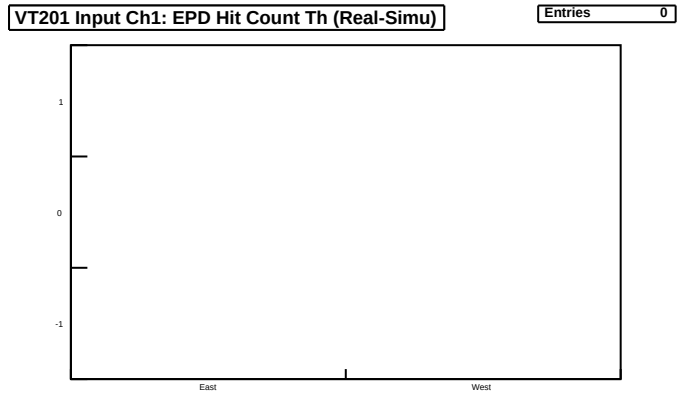

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 718442
282814
303219
76407
56002
East
West

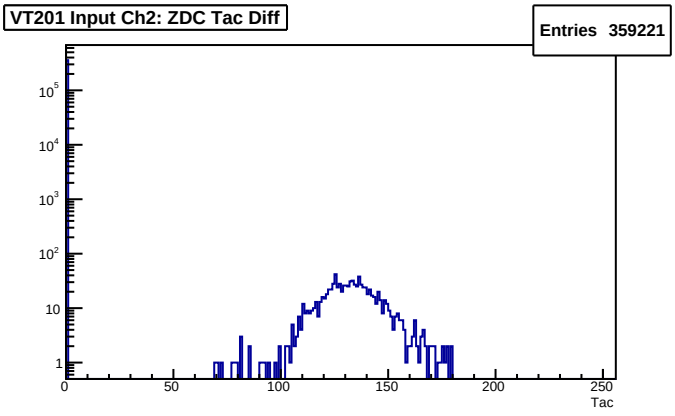

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

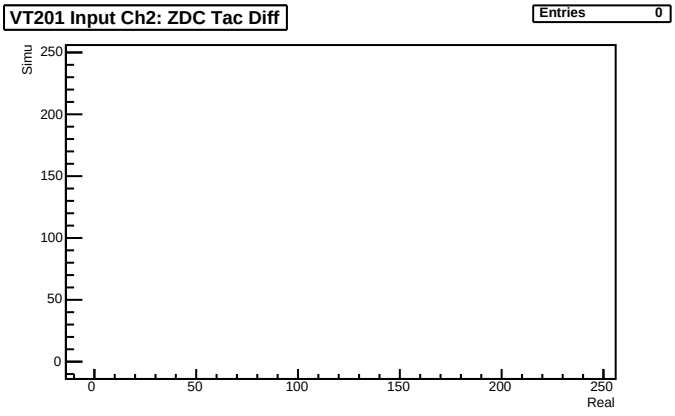

VT201 Input Ch1: EPD Tac Diff
Entries 359221
Tac

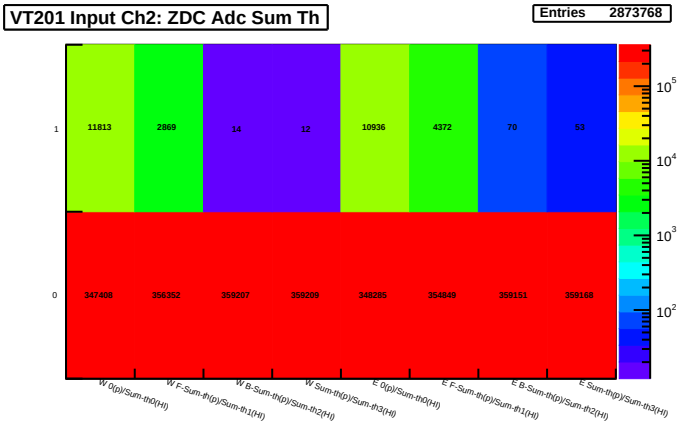

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

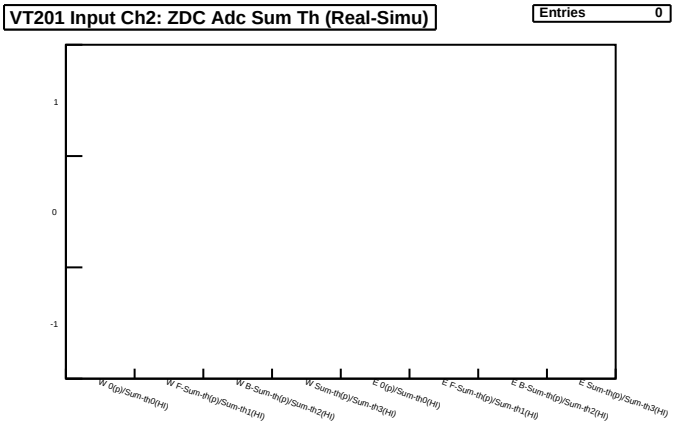

VT201 Input Ch1: EPD Hit Count Th
Entries 718442
352373
350781
6848
8440
East
West

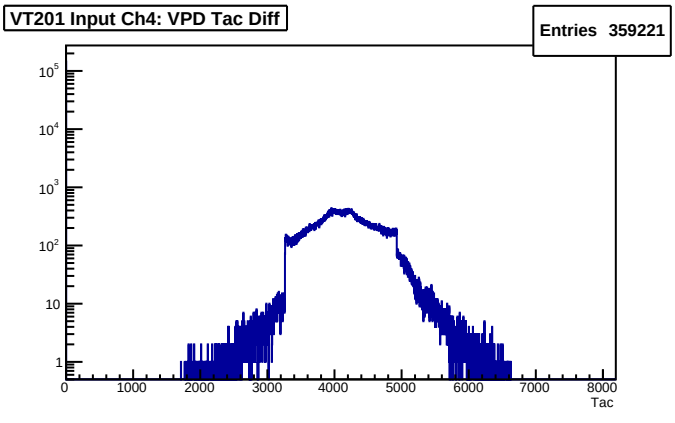

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

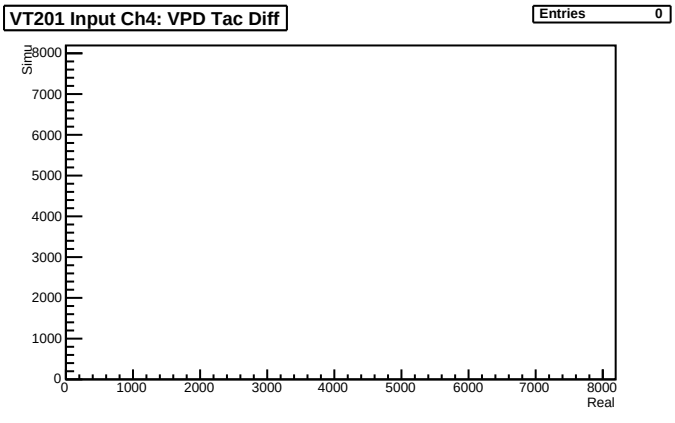

VT201 Input Ch2: ZDC Tac Diff
Entries 359221
Tac

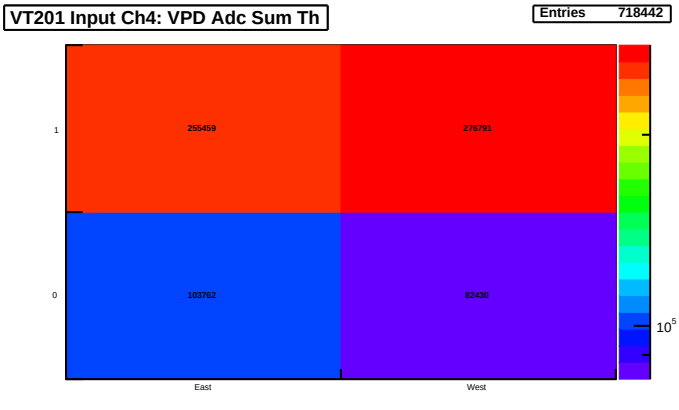

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

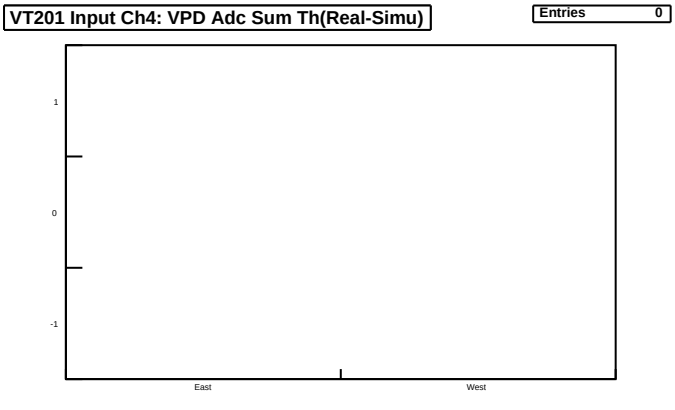

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2873768
11813
2869
14
12
10936
4372
70
53
347408
356352
359207
359209
348285
354849
359151
359168
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

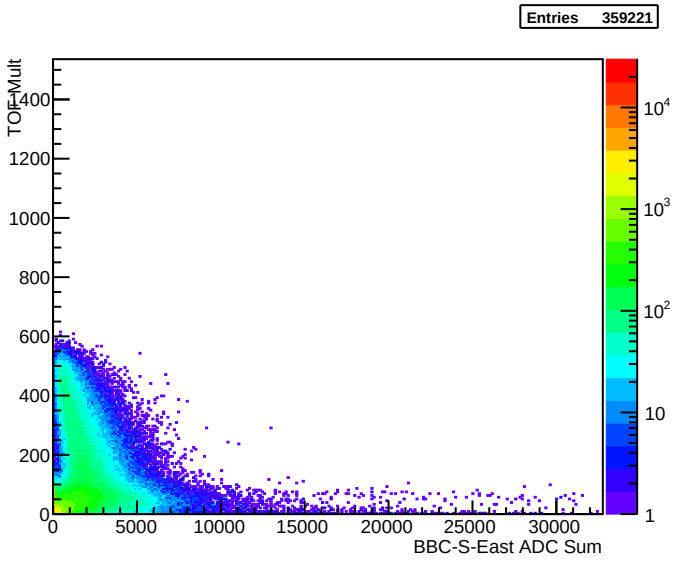

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

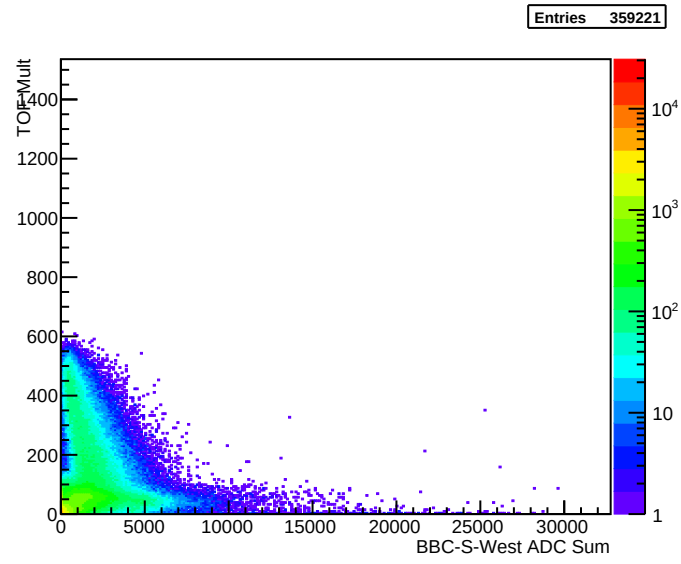

VT201 Input Ch4: VPD Tac Diff
Entries 359221
Tac

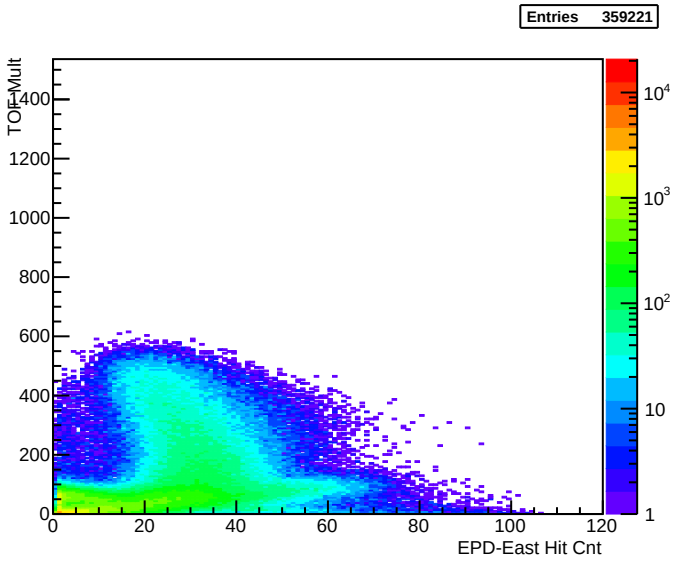

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

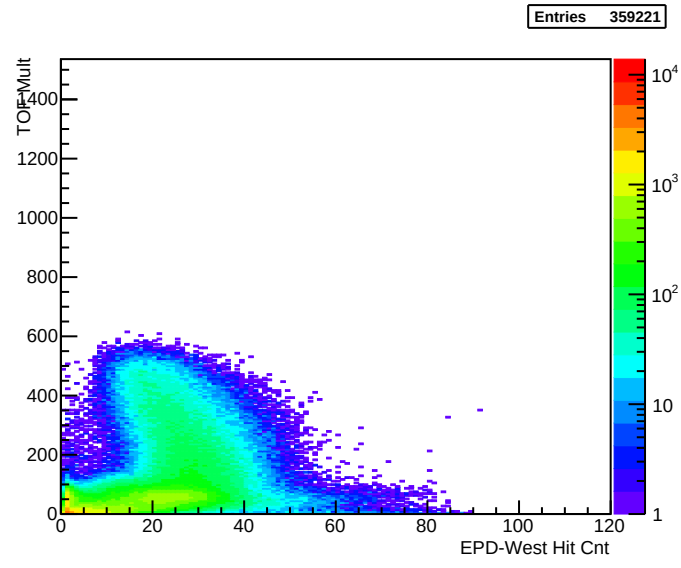

VT201 Input Ch4: VPD Adc Sum Th
Entries 718442
255459
276791
103762
82430
East
West

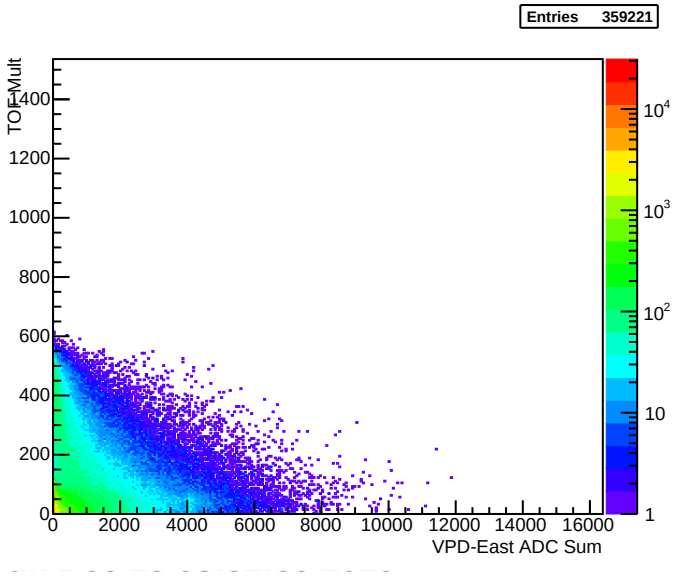

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

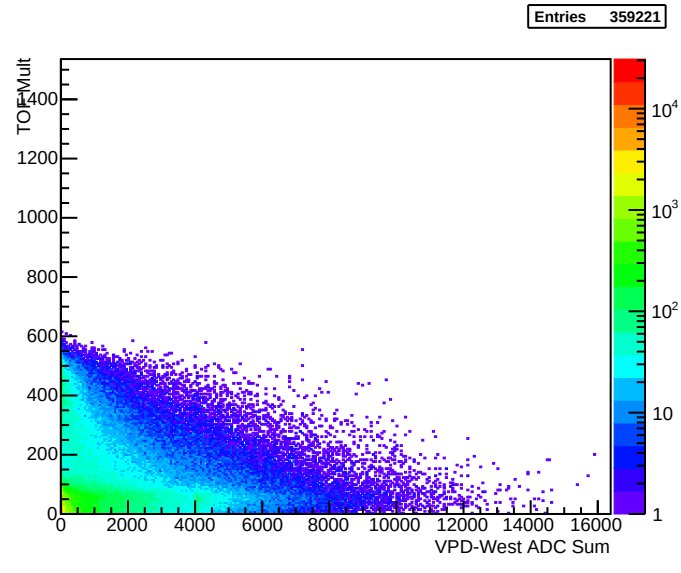

Entries 359221
TOF-Mult
BBC-S-East ADC Sum

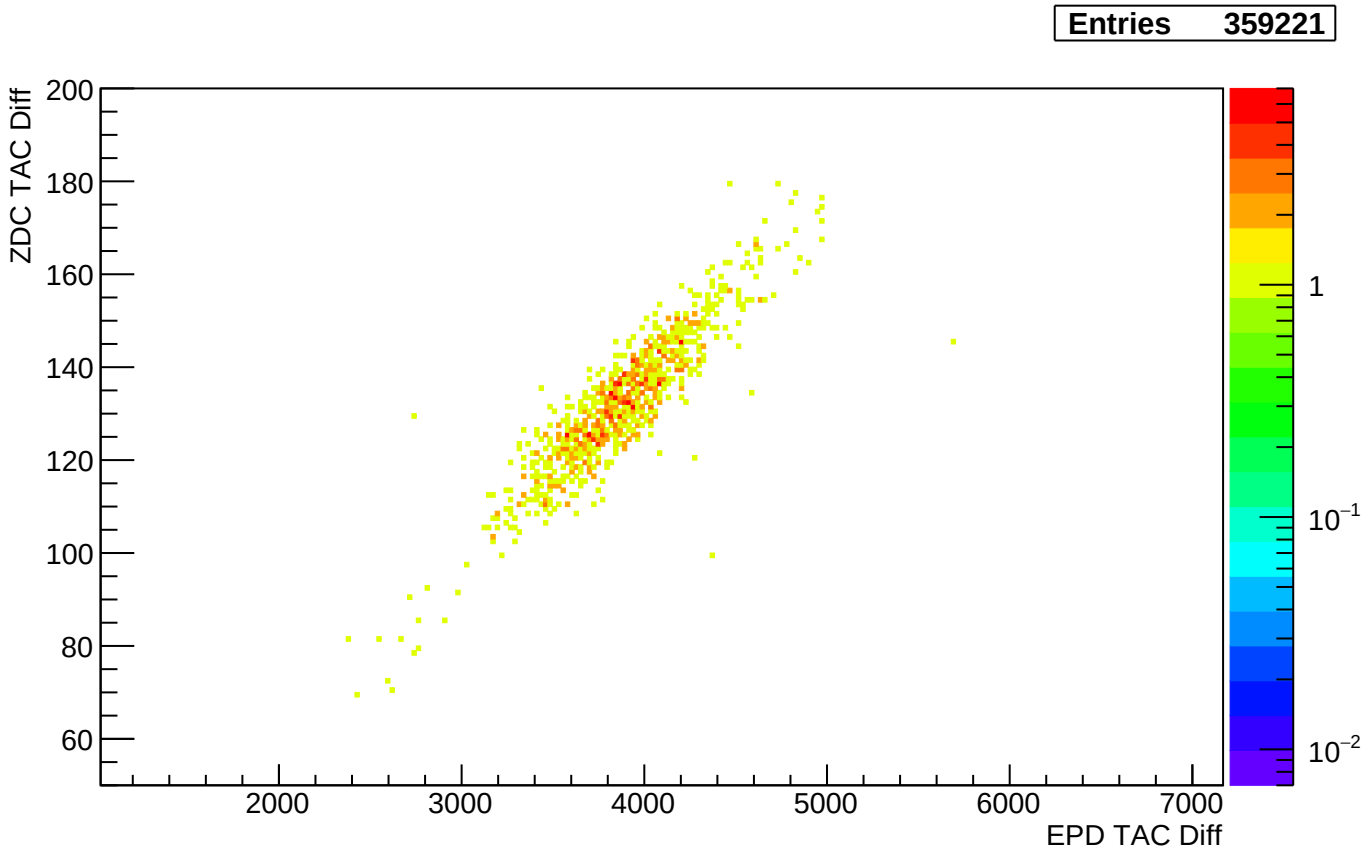

Entries 359221
TOF-Mult
BBC-S-West ADC Sum

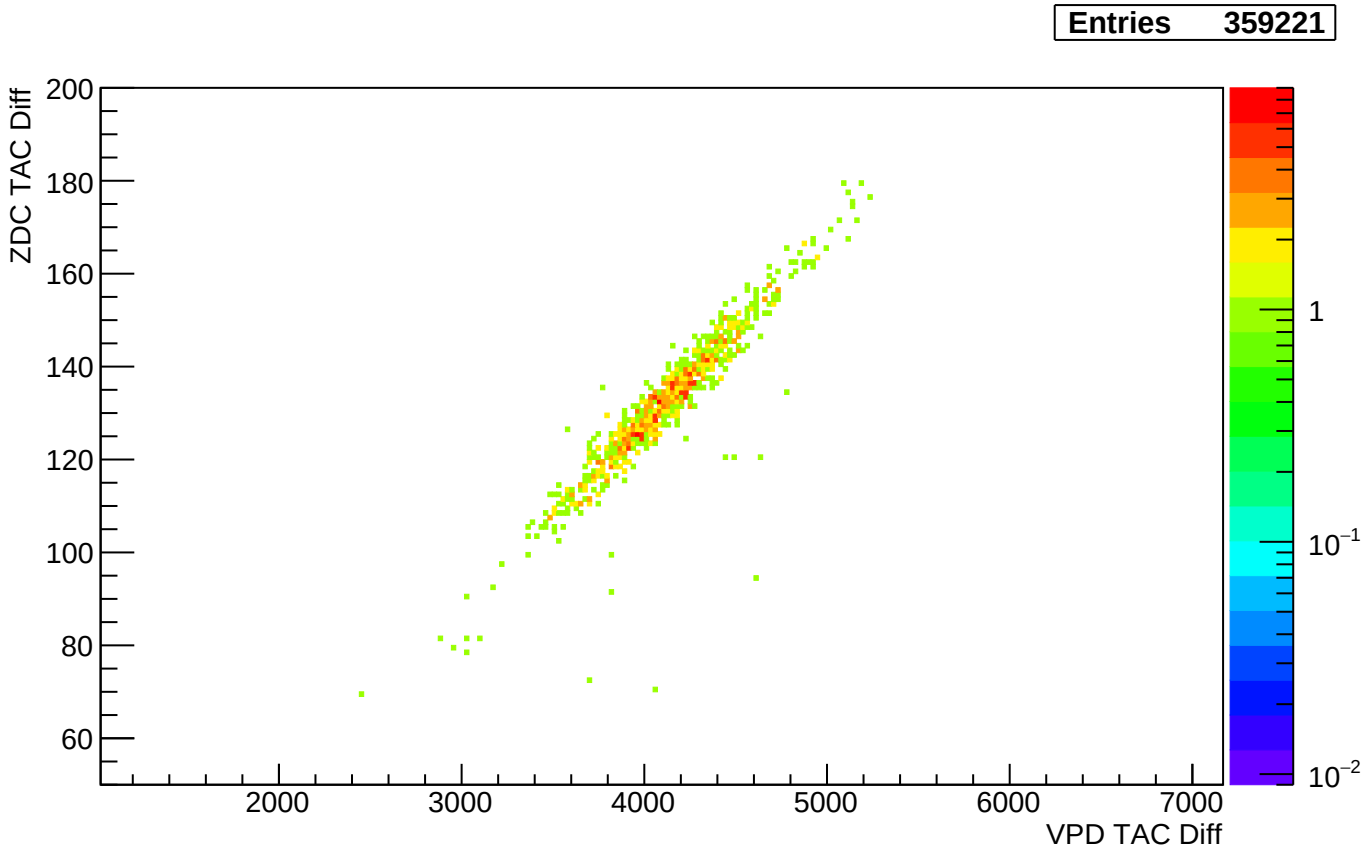

Entries 359221
TOF-Mult
EPD-East Hit Cnt

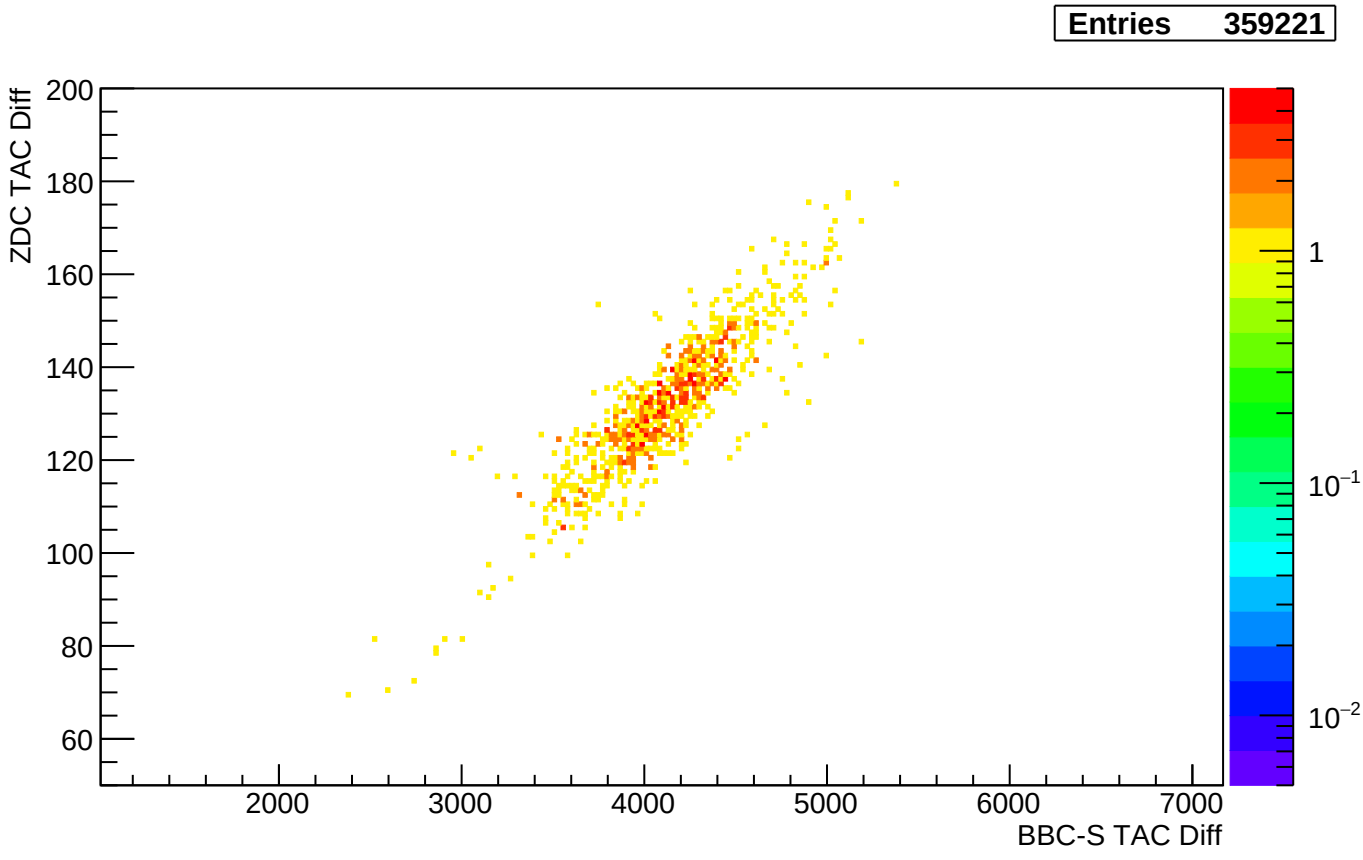

Entries 359221
TOF-Mult
EPD-West Hit Cnt

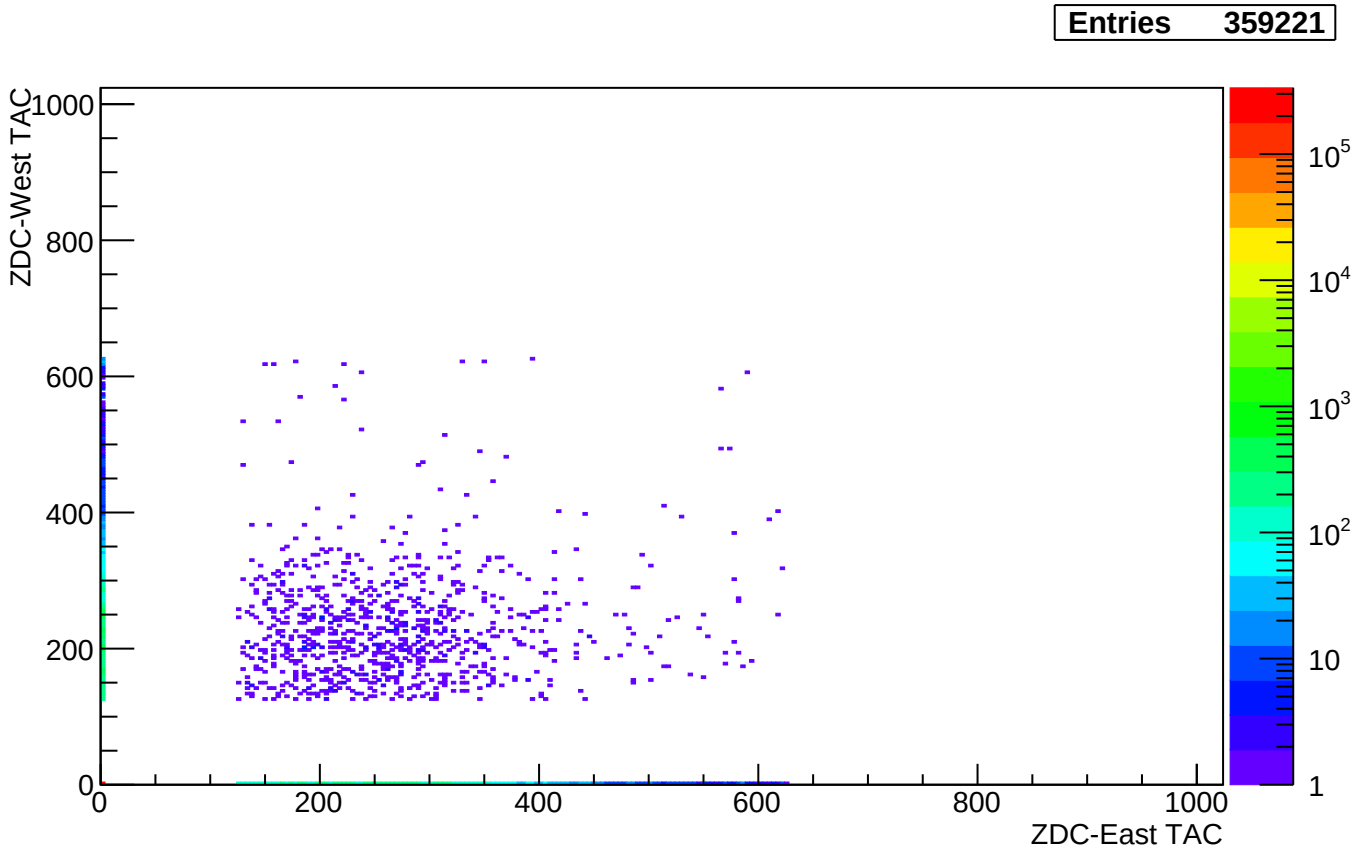

Entries 359221
TOF-Mult
VPD-East ADC Sum

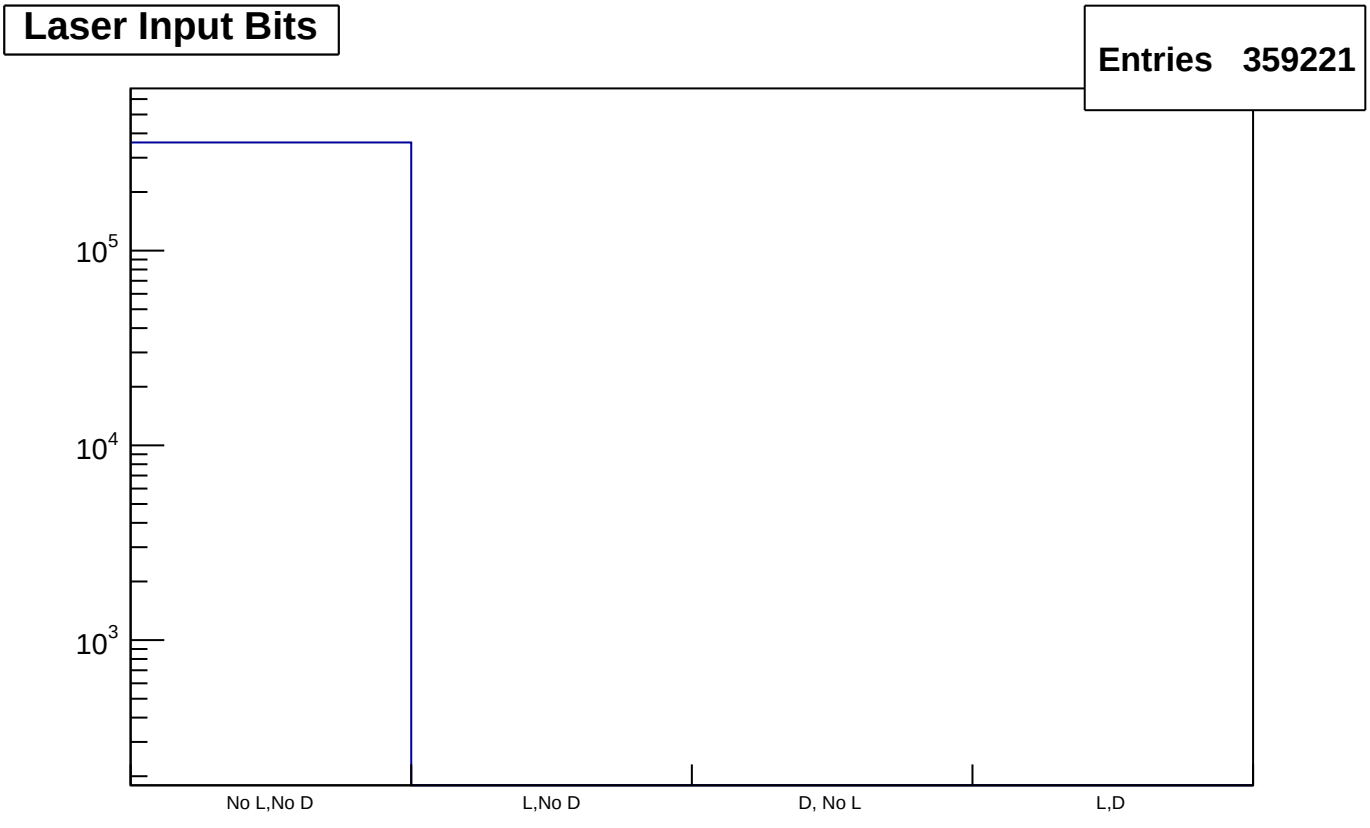

Entries 359221
TOF-Mult
VPD-West ADC Sum

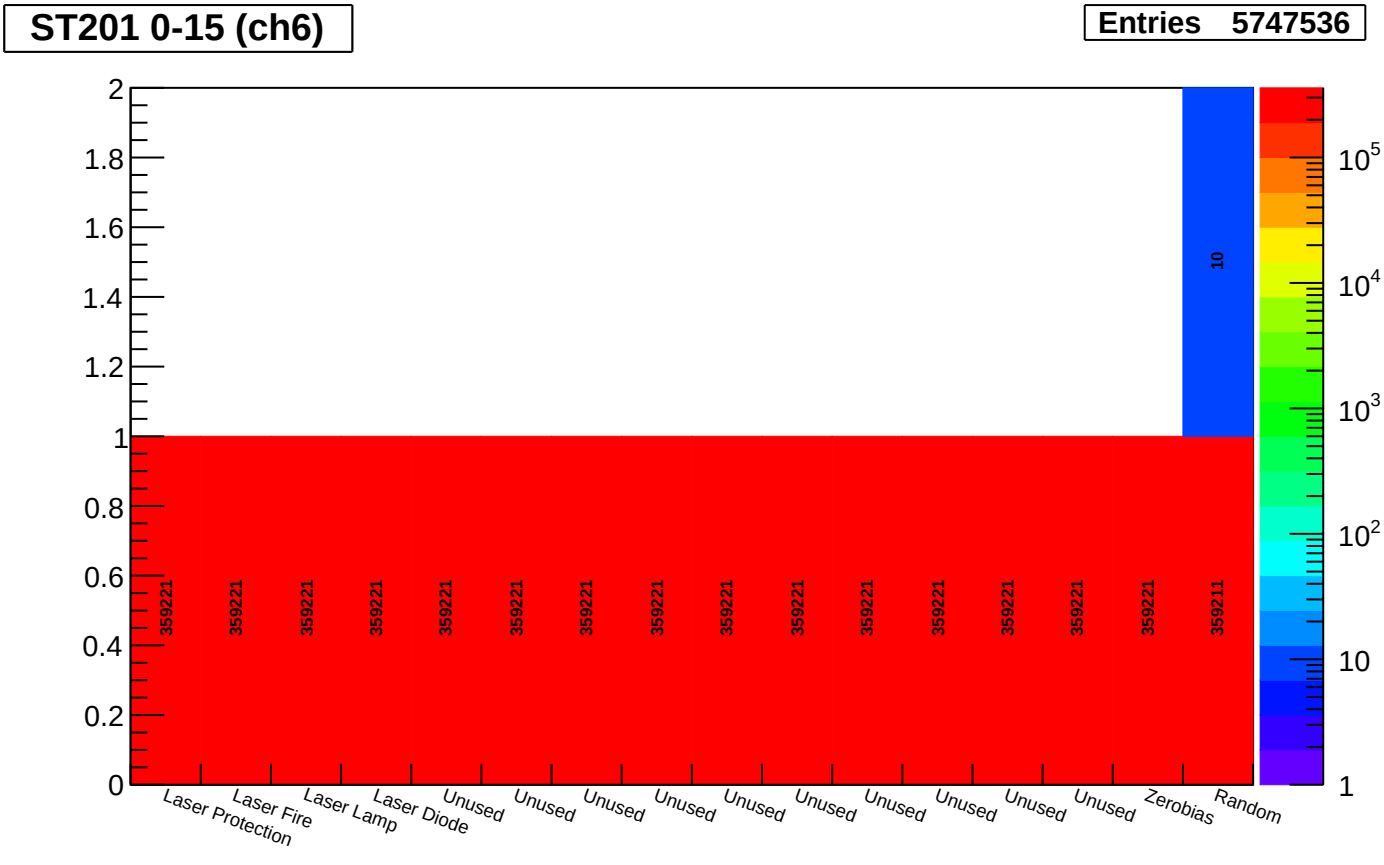

Entries 359221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

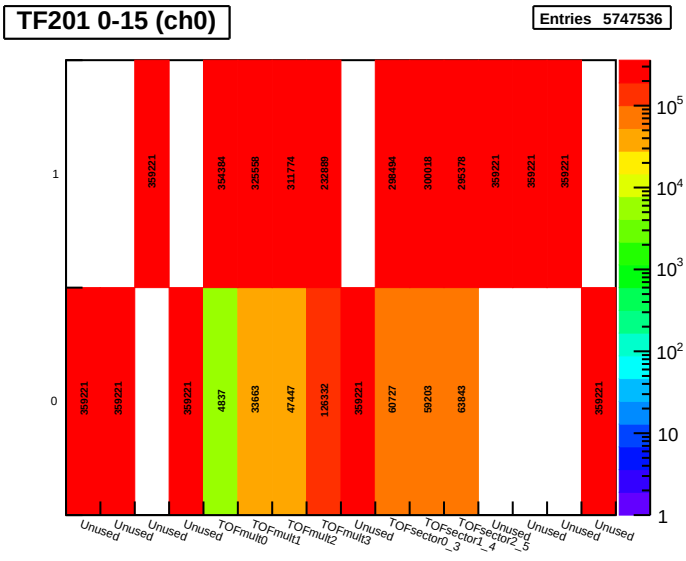

Entries 359221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

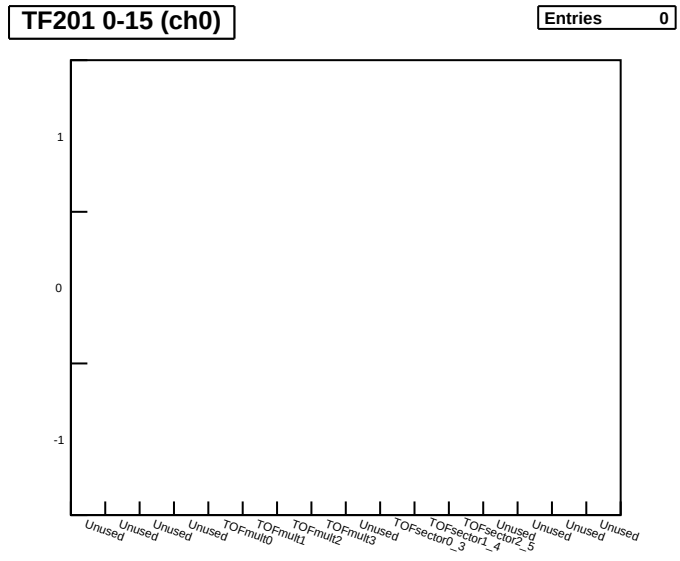

Entries 359221
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

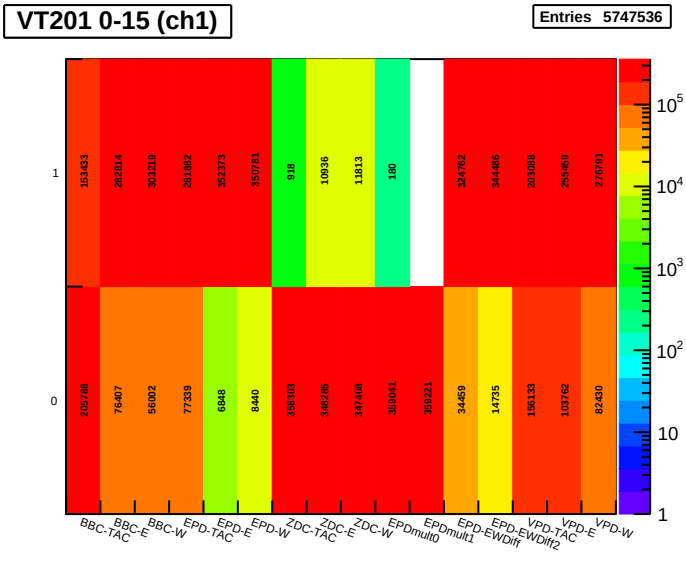

Entries 359221
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

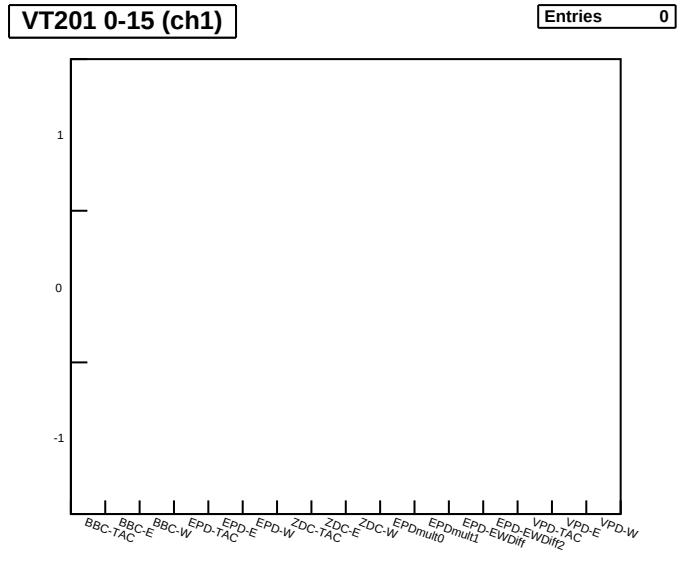

Laser Input Bits
Entries 359221
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

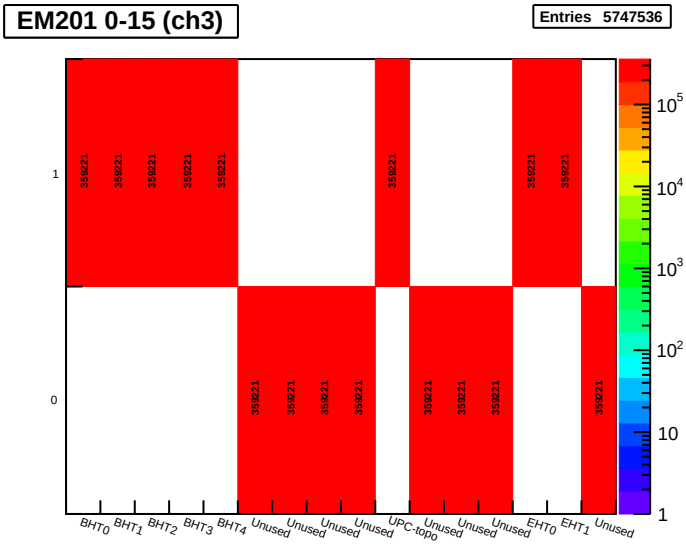

ST201 0-15 (ch6)
Entries 5747536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
359221
359211
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

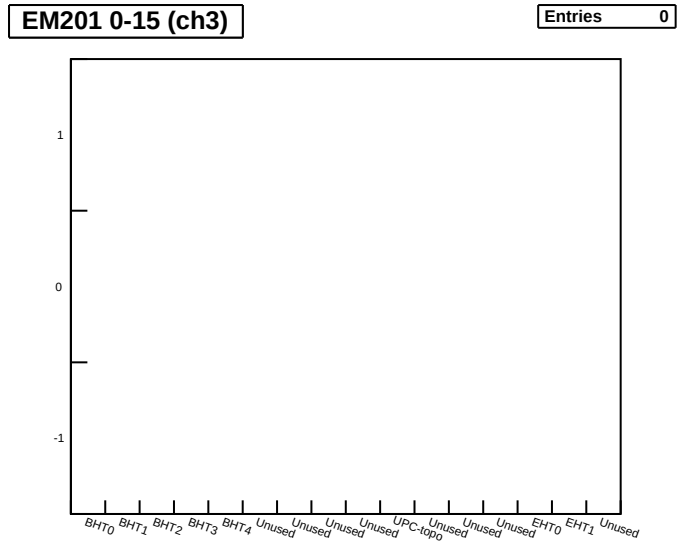

TF201 0-15 (ch0)
Entries 5747536
1
0
359221
354384
325558
311774
232889
298494
300018
295378
359221
359221
359221
359221
359221
359221
359221
4837
33663
47447
126332
359221
60727
59203
63843
359221
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5747536
1
0
153433
282814
303219
281882
352373
350781
918
10936
11813
180
324762
344486
203068
255459
276791
206788
76407
56002
77339
6948
8440
358303
348285
347408
359041
359221
34459
14735
156133
103762
82430
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 5747536
1
0
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
359221
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