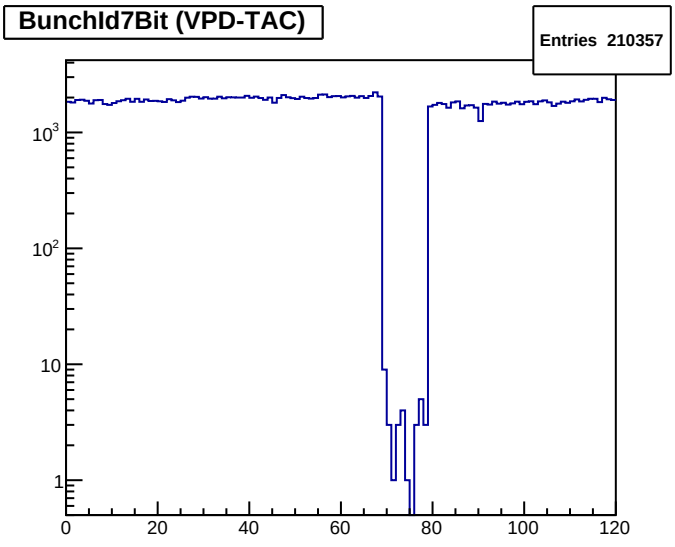
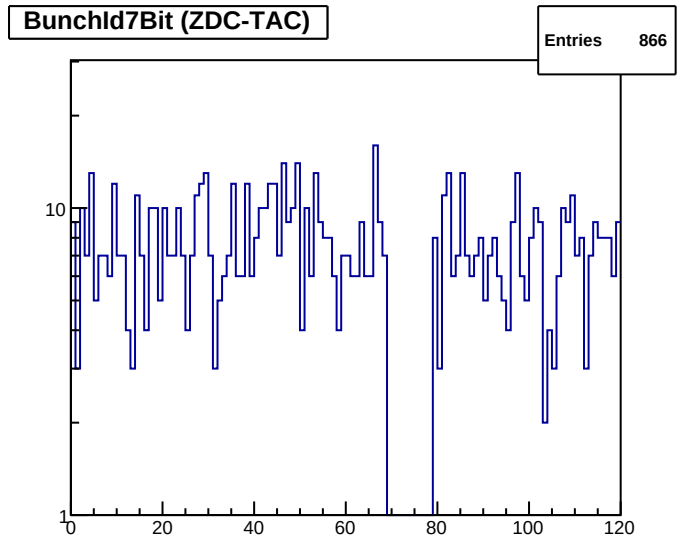
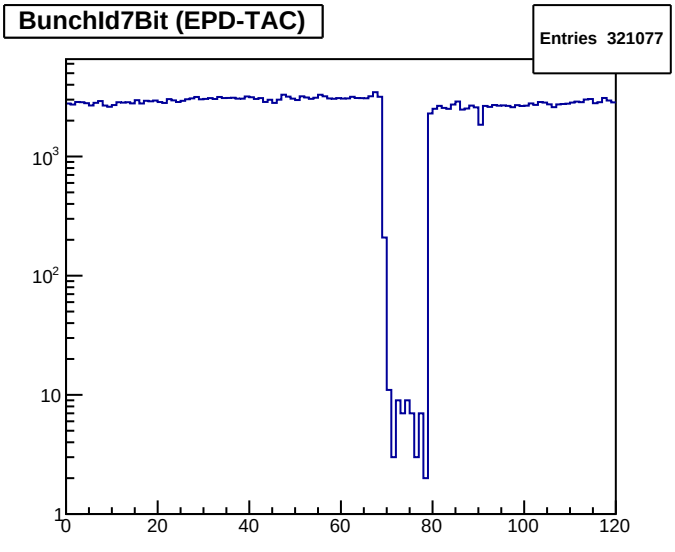
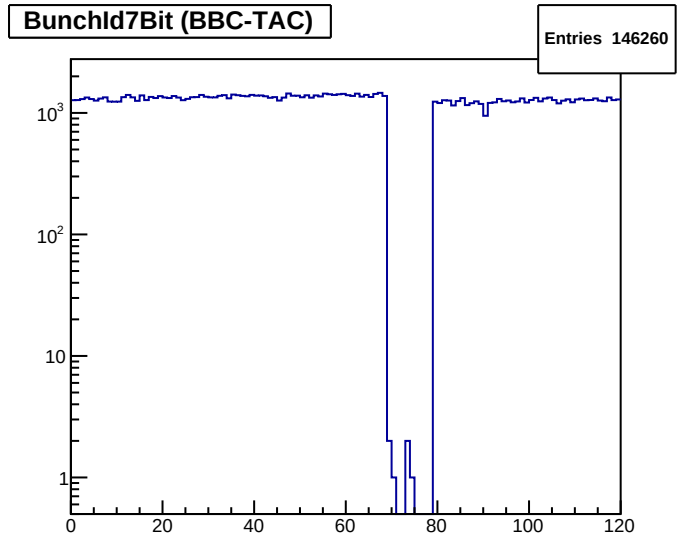
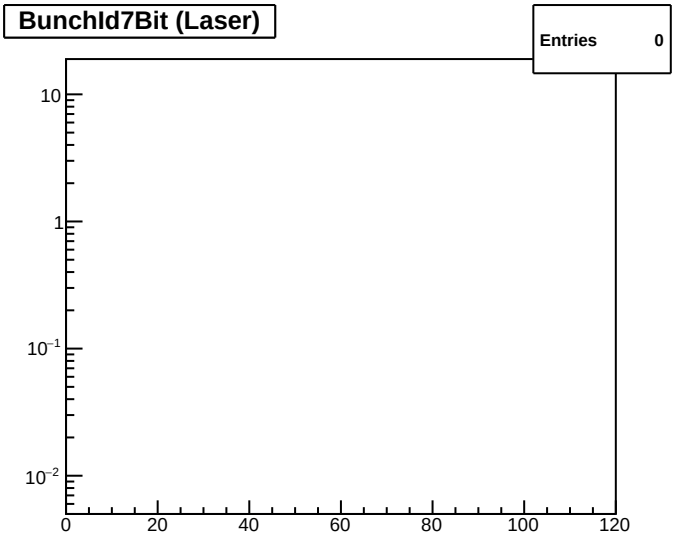
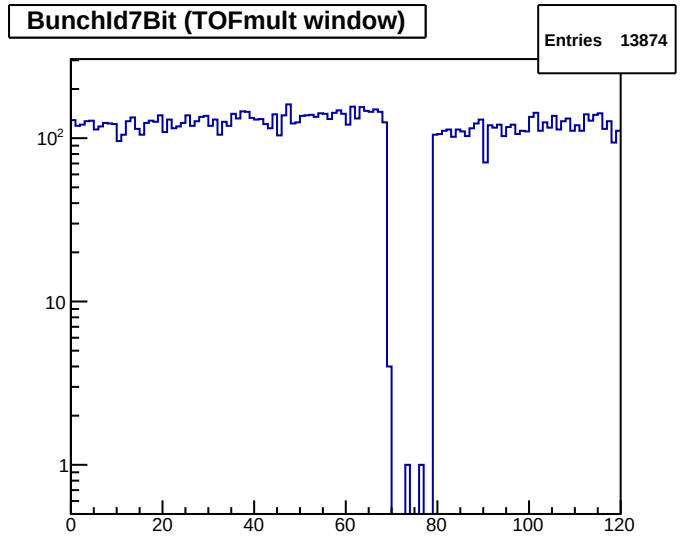

BunchId7Bit (VPD-TAC)
Entries 210357

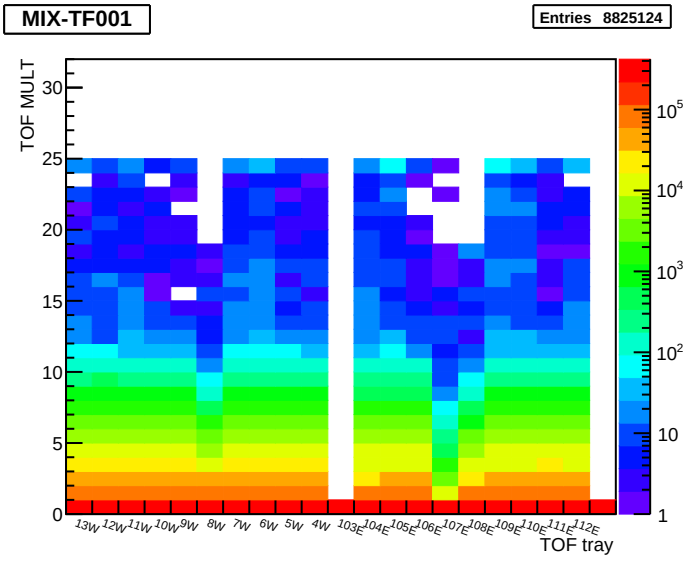

BunchId7Bit (ZDC-TAC)
Entries 866

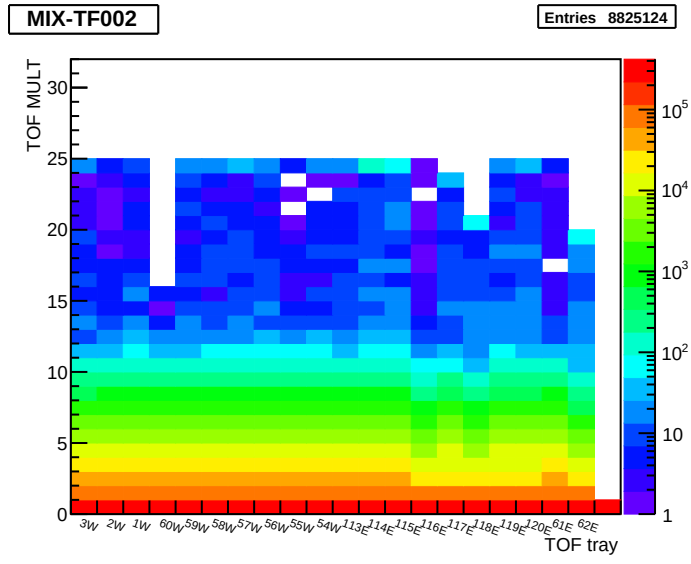

BunchId7Bit (EPD-TAC)
Entries 321077

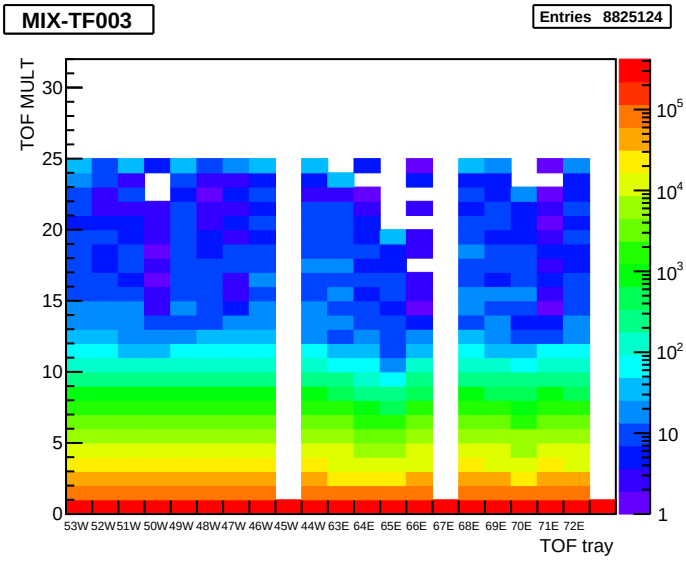

BunchId7Bit (BBC-TAC)
Entries 146260

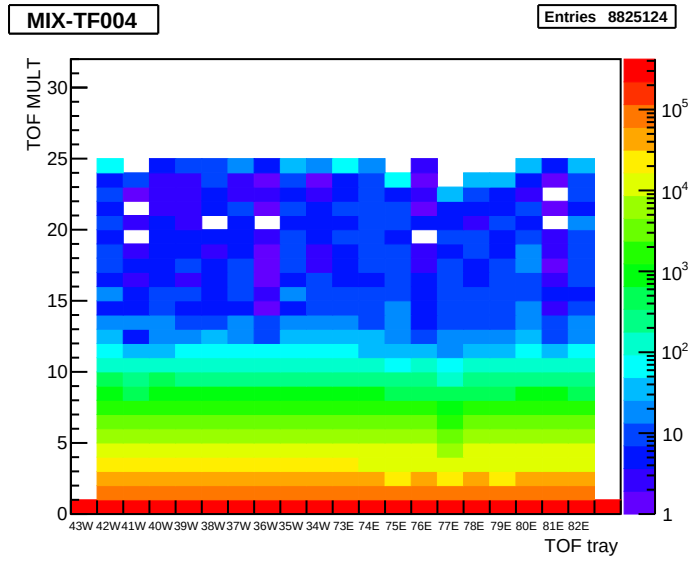

BunchId7Bit (Laser)
Entries 0

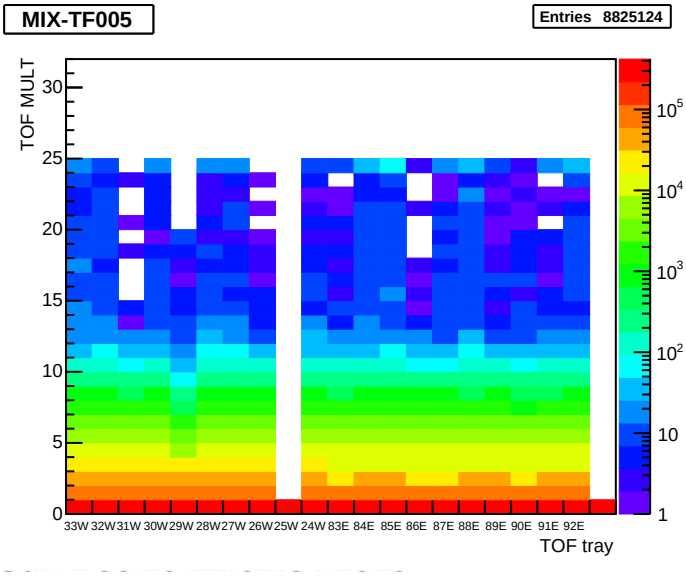

BunchId7Bit (TOFmult window)
Entries 13874

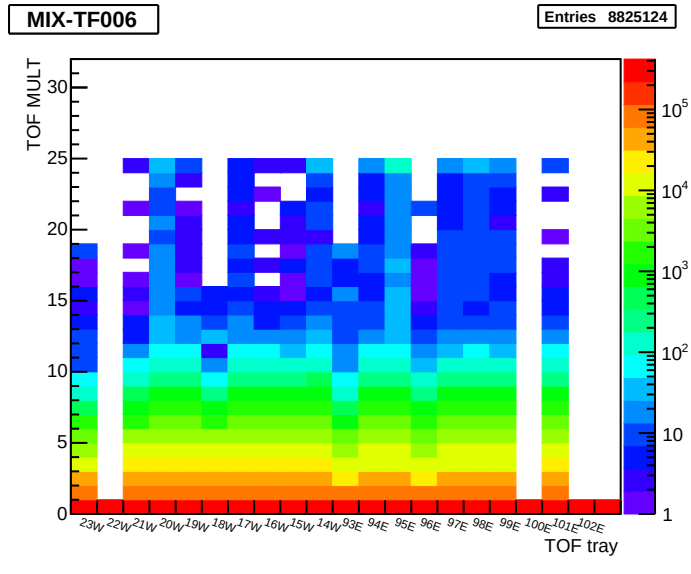

MIX-TF001
Entries 8825124
TOF MULT
TOF tray

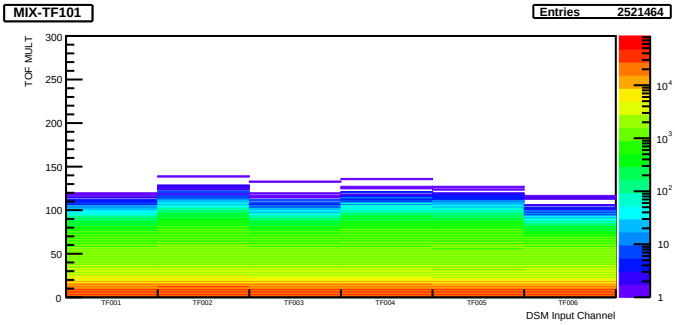

MIX-TF002
Entries 8825124
TOF MULT
TOF tray

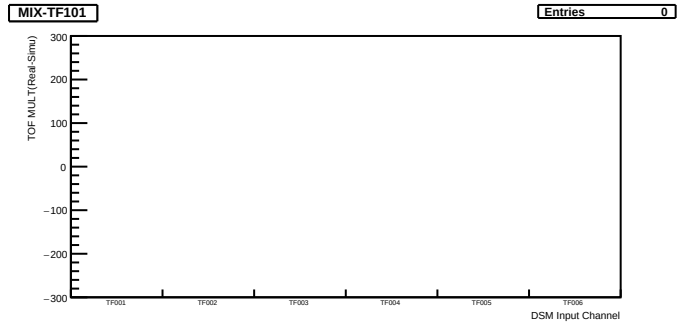

MIX-TF003
Entries 8825124
TOF MULT
TOF tray

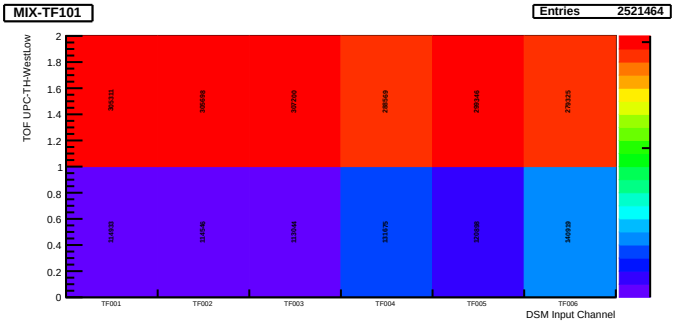

MIX-TF004
Entries 8825124
TOF MULT
TOF tray

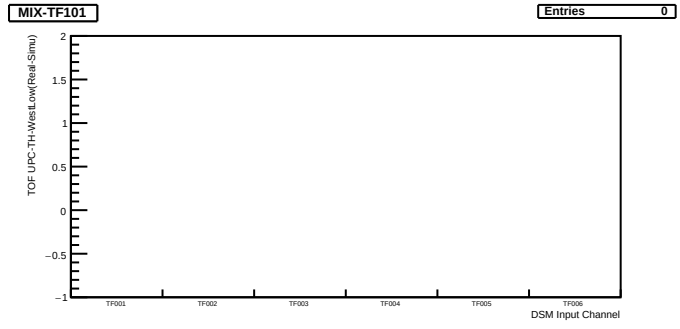

MIX-TF005
Entries 8825124
TOF MULT
TOF tray

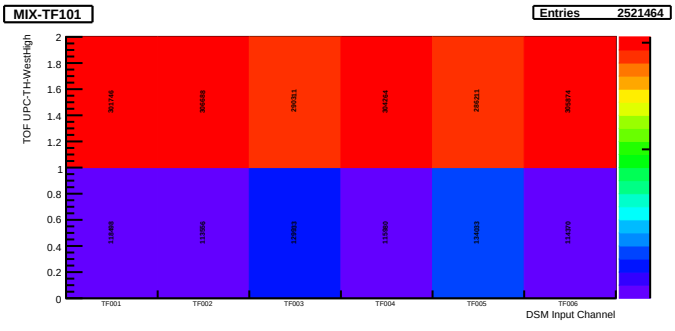

MIX-TF006
Entries 8825124
TOF MULT
TOF tray

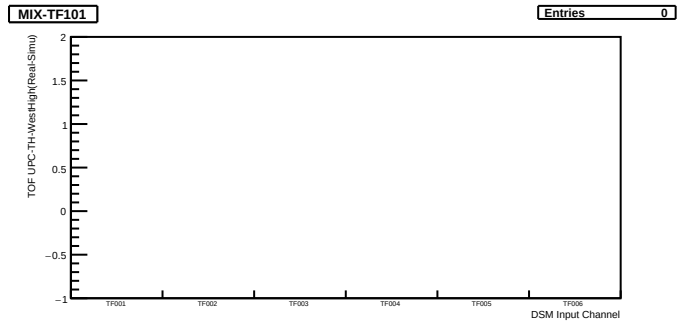

MIX-TF101
Entries 2521464
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

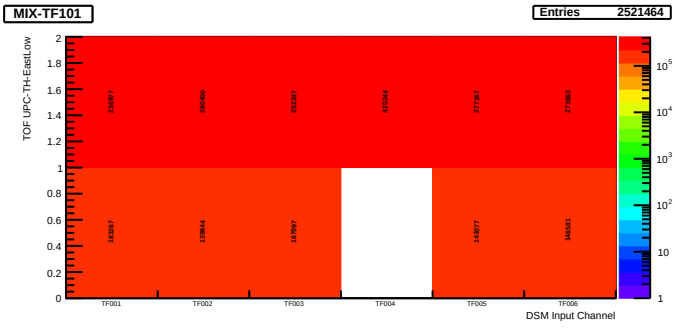

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

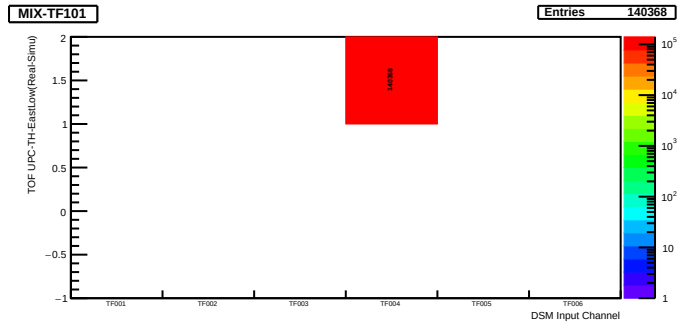

MIX-TF101
Entries 2521464
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

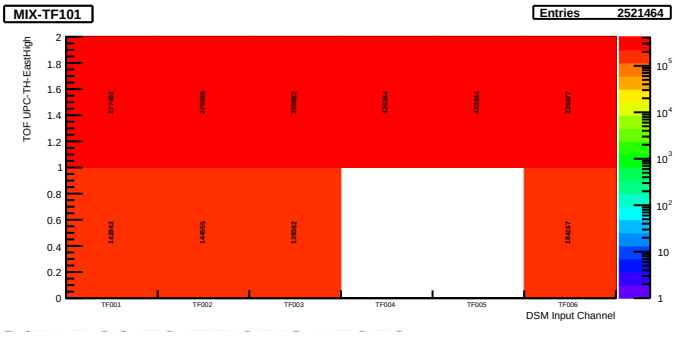

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

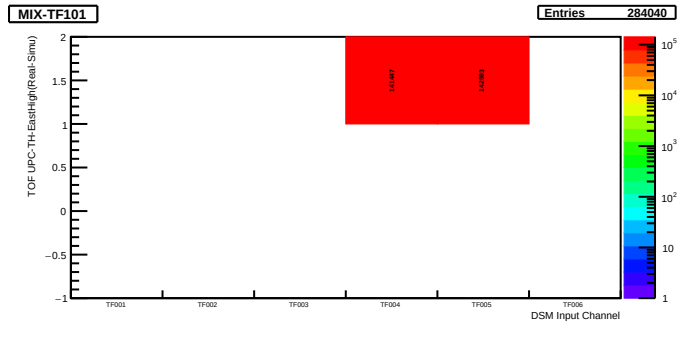

MIX-TF101
Entries 2521464
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

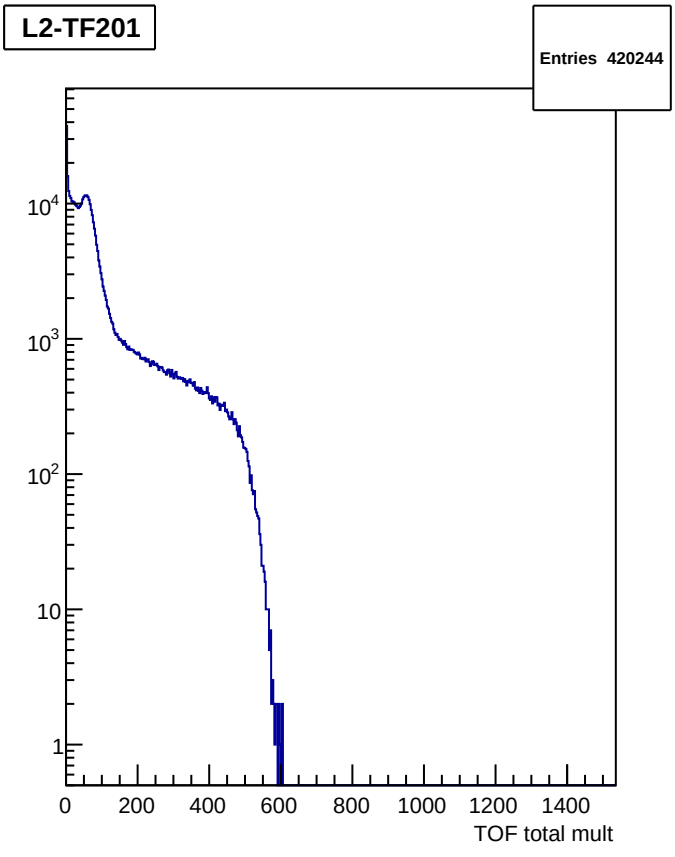

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

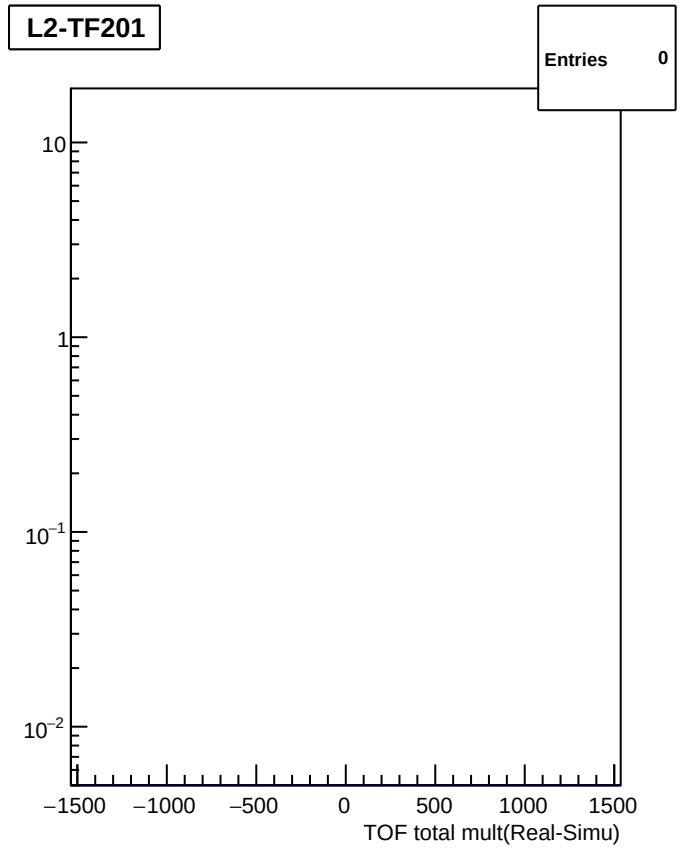

MIX-TF101
Entries 2521464
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

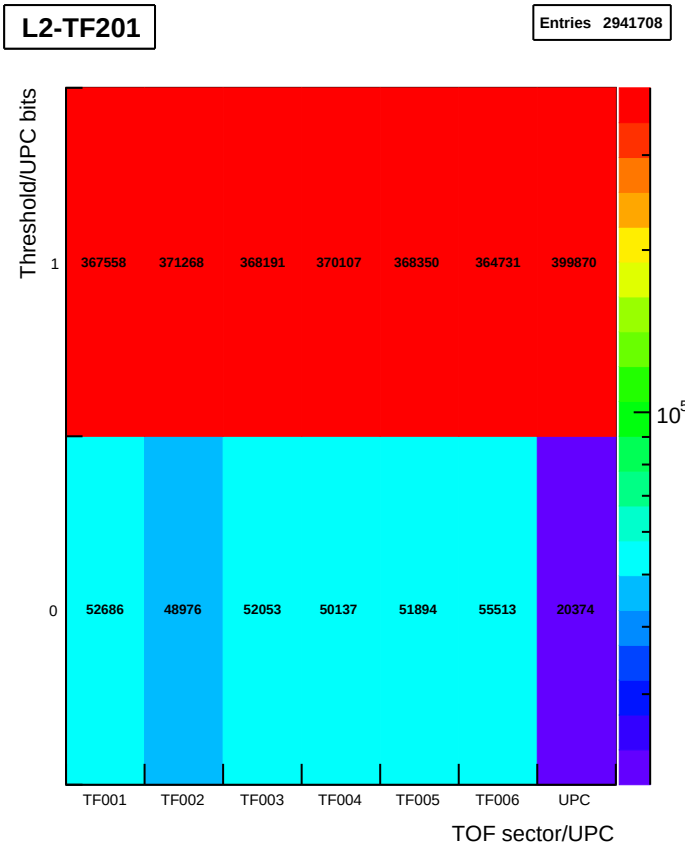

MIX-TF101
Entries 140368
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

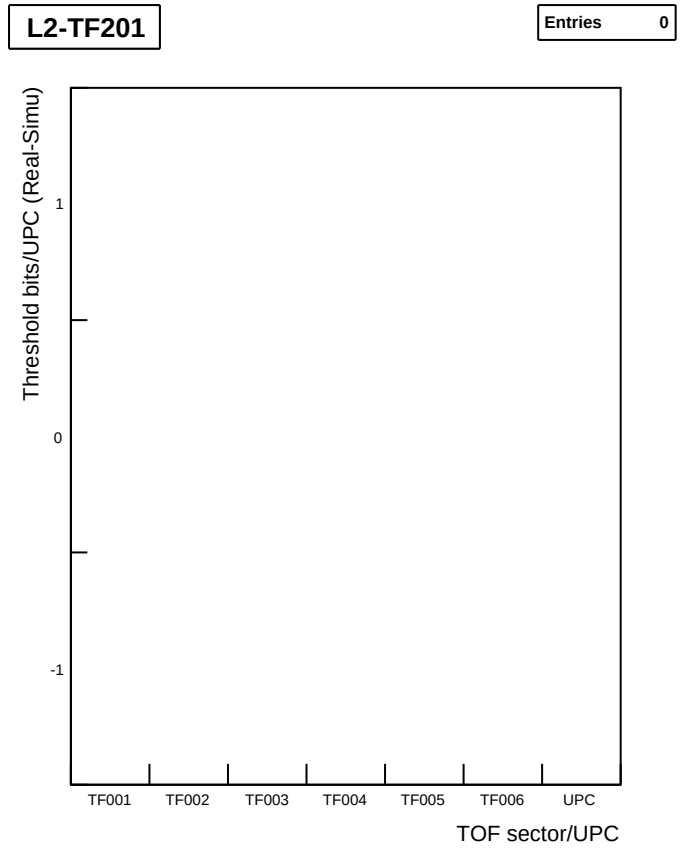

MIX-TF101
Entries 2521464
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

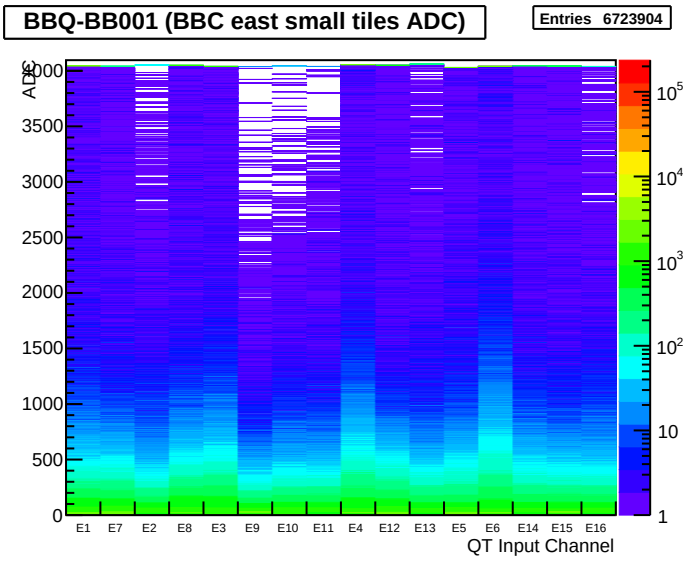

MIX-TF101
Entries 284040
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

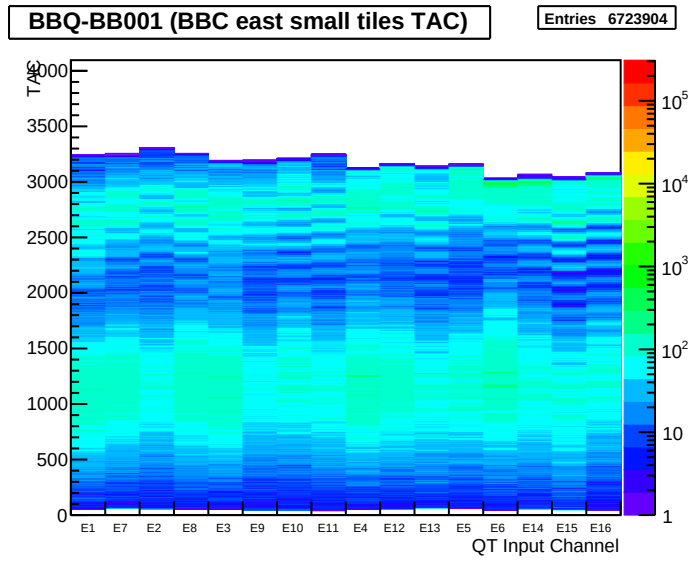

L2-TF201
Entries 420244
TOF total mult

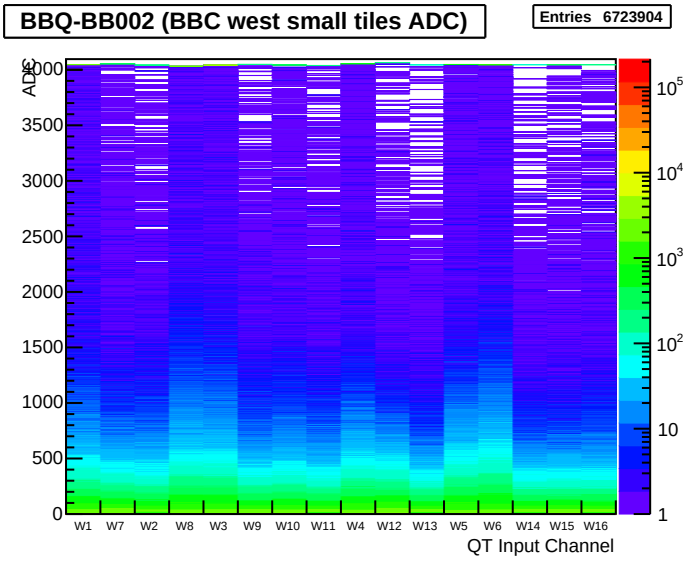

L2-TF201
Entries 0
TOF total mult(Real-Simu)

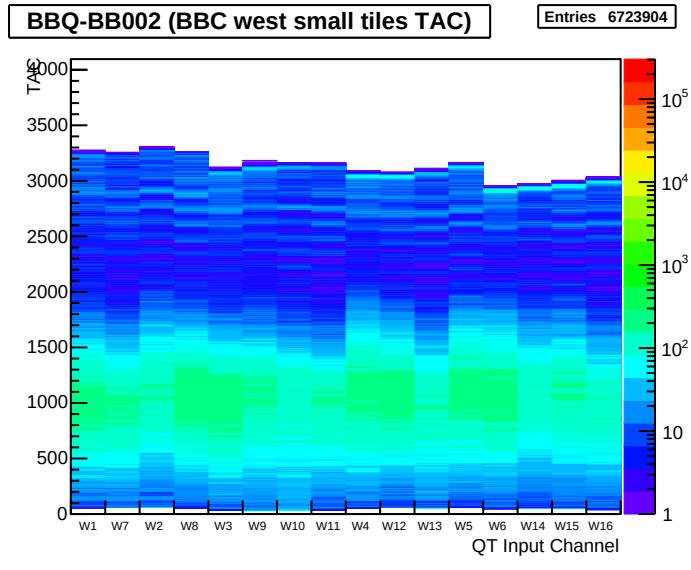

L2-TF201
Entries 2941708
Threshold/UPC bits
367558
371268
368191
370107
368350
364731
399870
52686
48976
52053
50137
51894
55513
20374
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

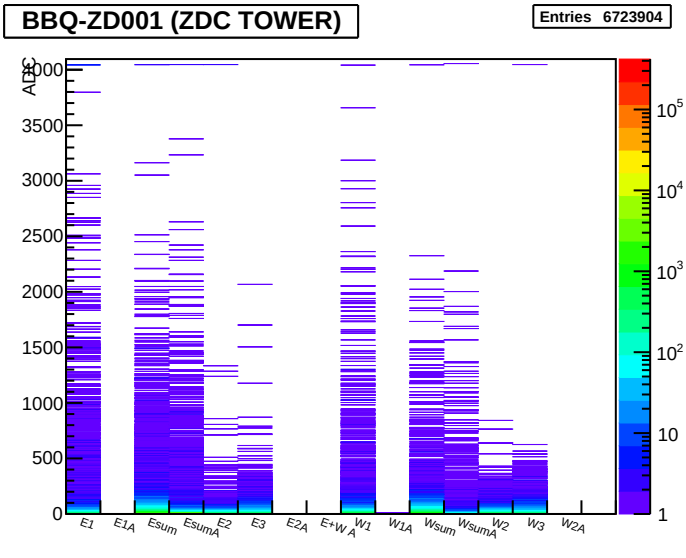

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

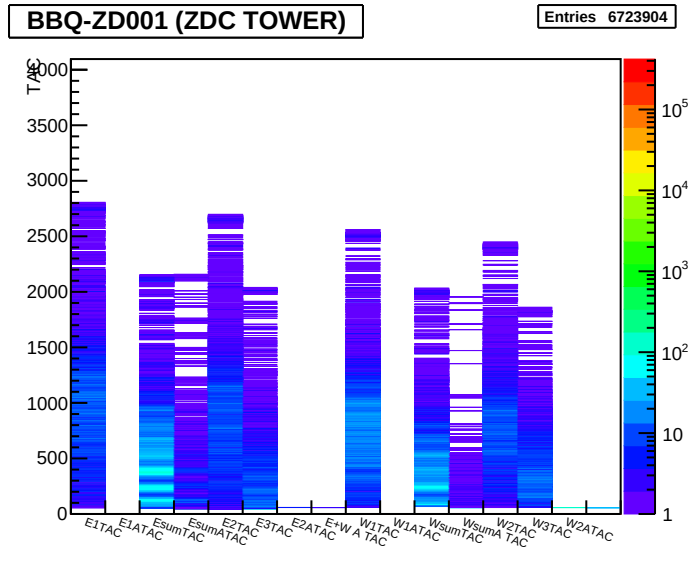

BBQ-BB001 (BBC east small tiles ADC)
Entries 6723904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

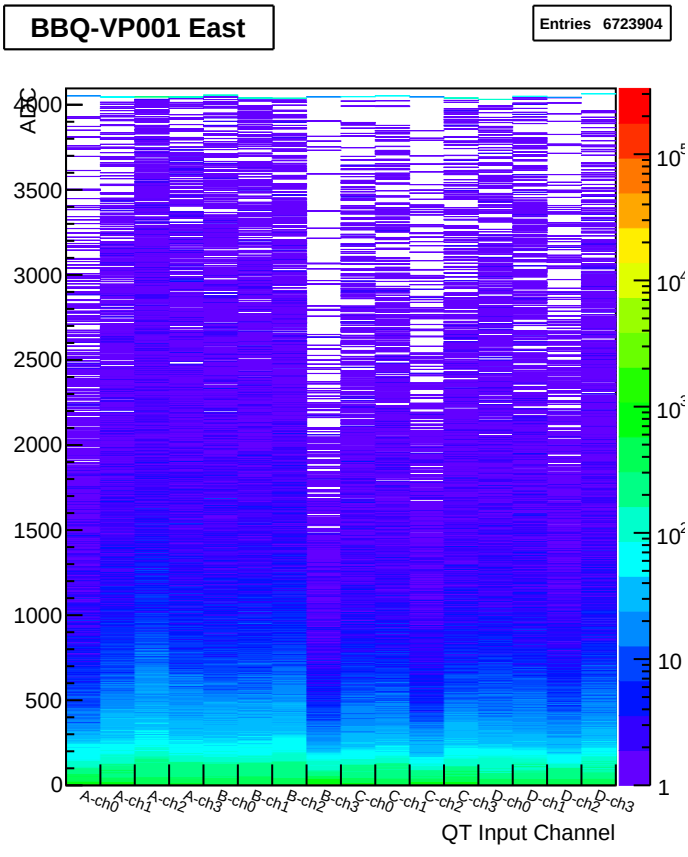

BBQ-BB001 (BBC east small tiles TAC)
Entries 6723904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

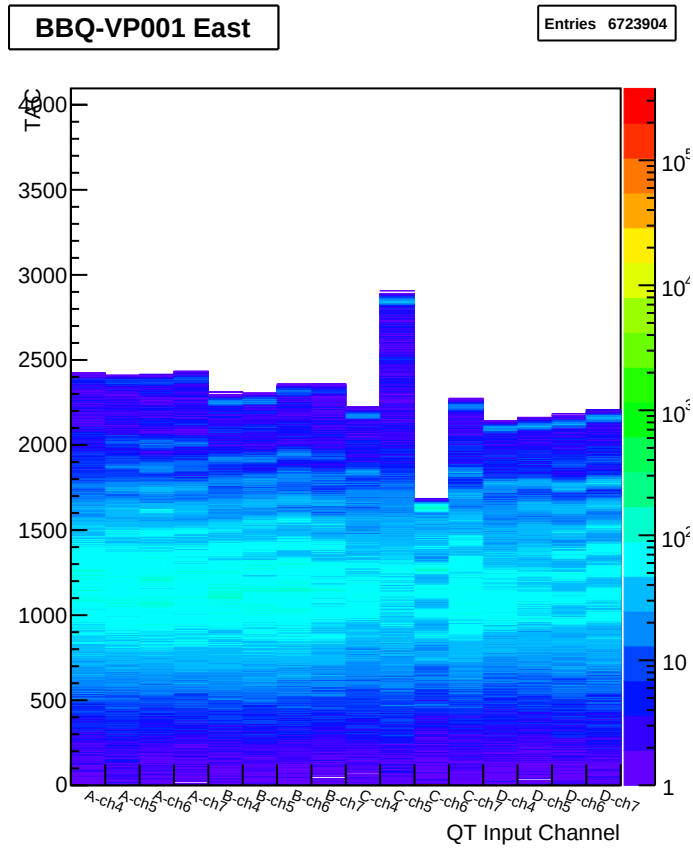

BBQ-BB002 (BBC west small tiles ADC)
Entries 6723904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

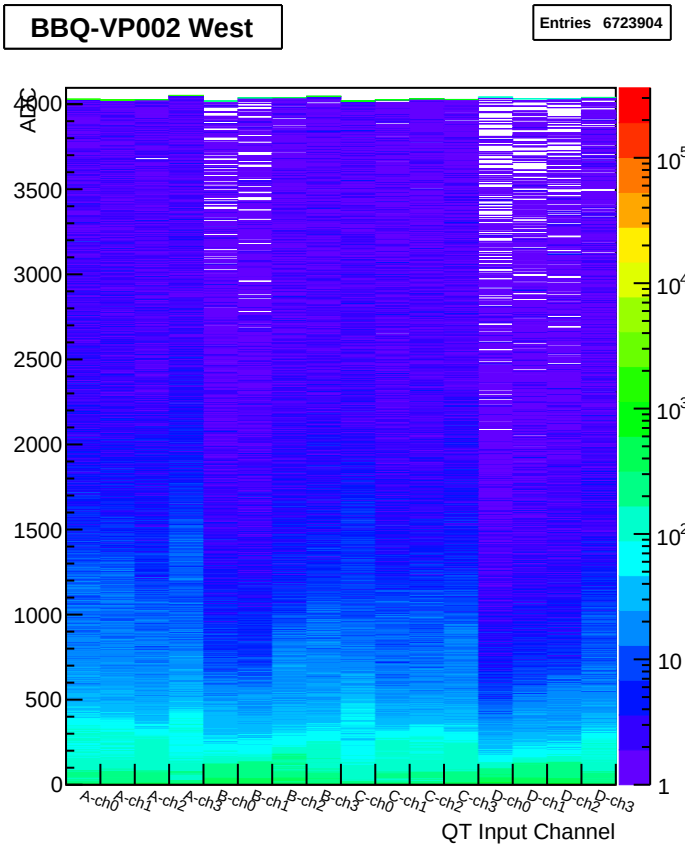

BBQ-BB002 (BBC west small tiles TAC)
Entries 6723904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

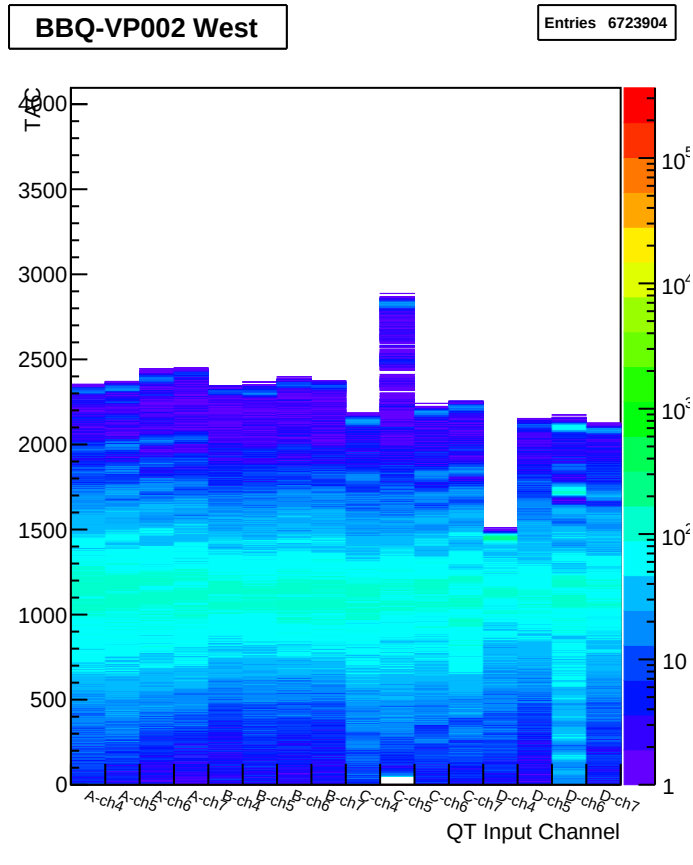

BBQ-ZD001 (ZDC TOWER)
Entries 6723904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

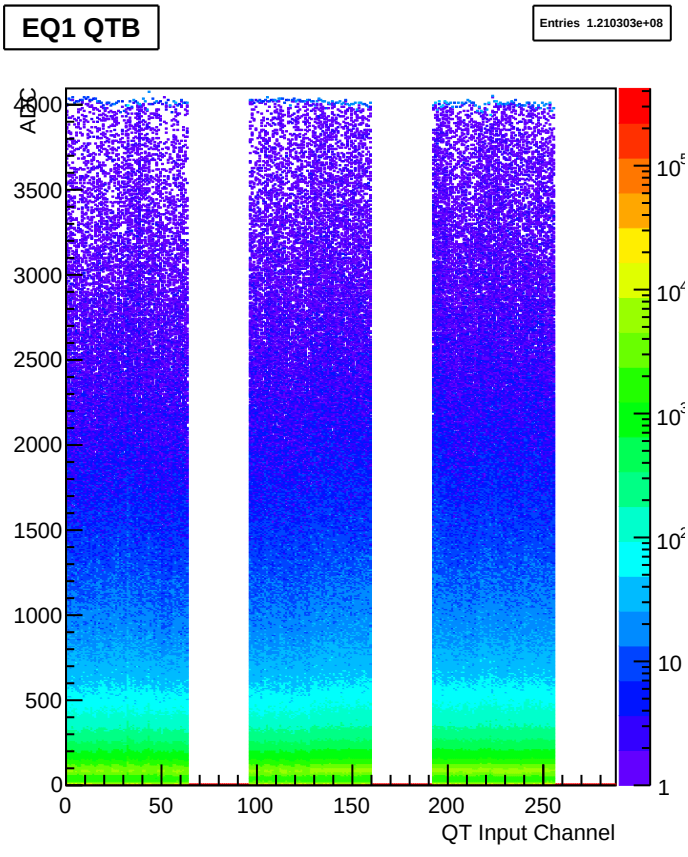

BBQ-ZD001 (ZDC TOWER)
Entries 6723904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

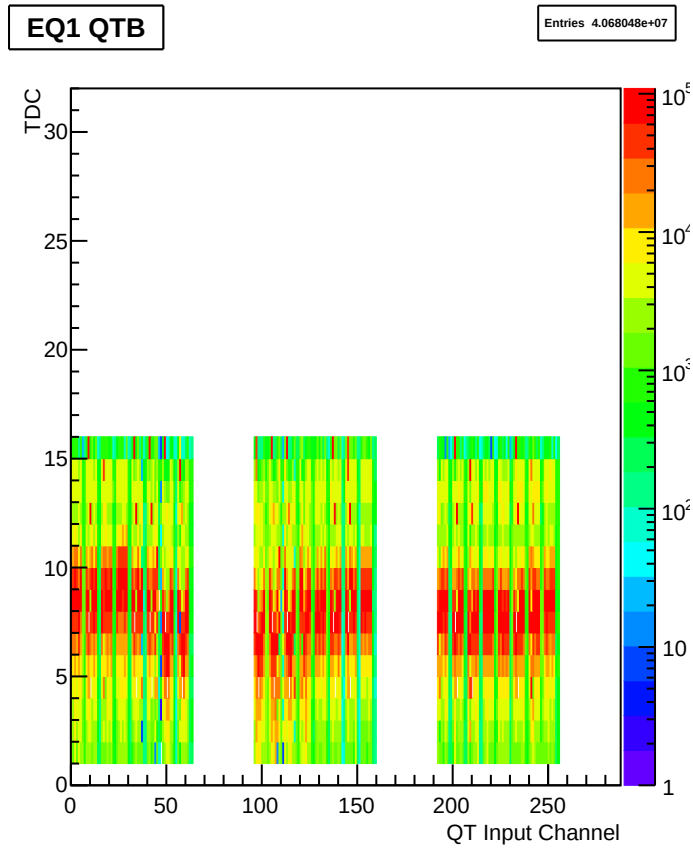

BBQ-VP001 East
Entries 6723904
ADC
QT Input Channel

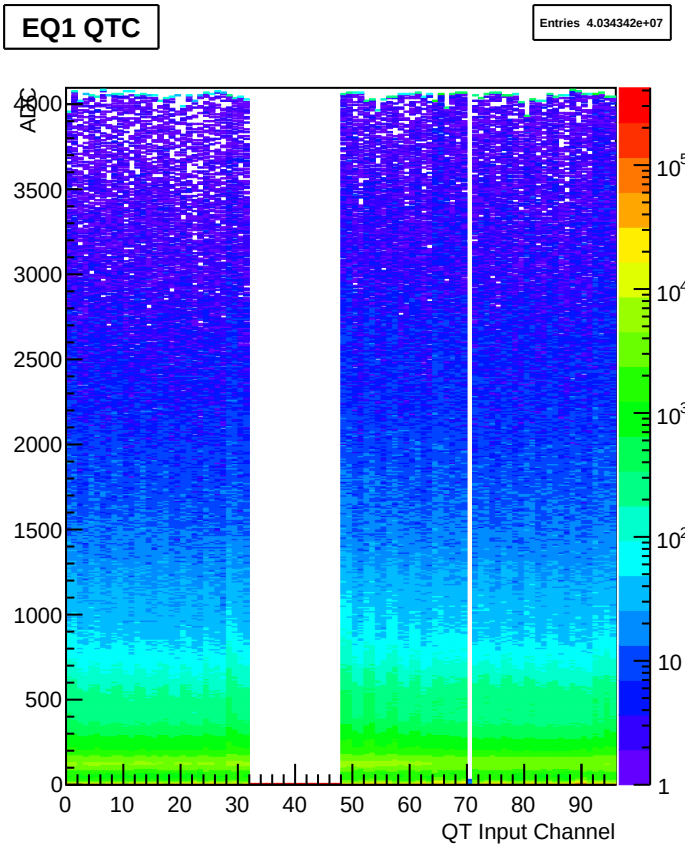

BBQ-VP001 East
Entries 6723904
TADC
QT Input Channel

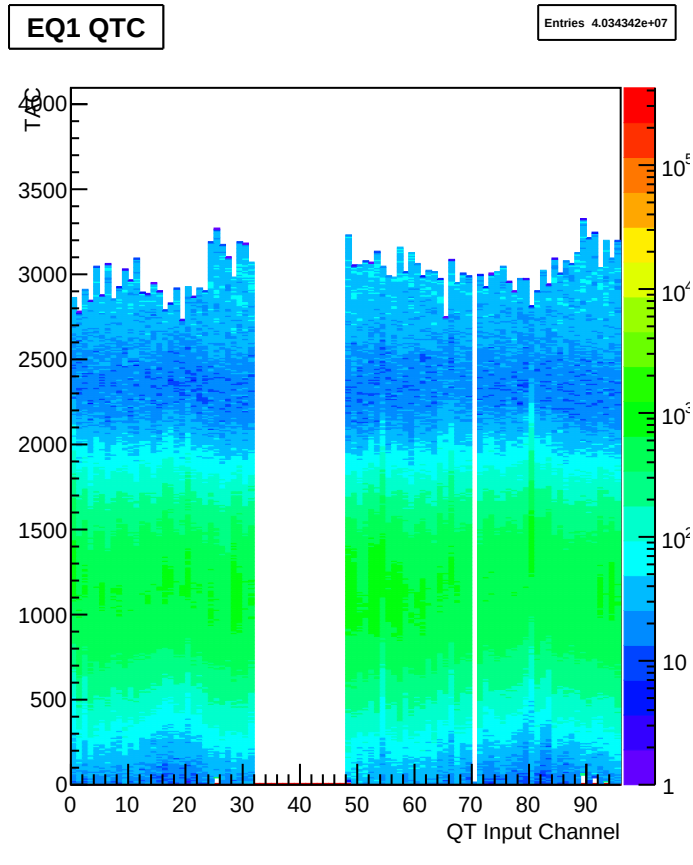

BBQ-VP002 West
Entries 6723904
ADC
QT Input Channel

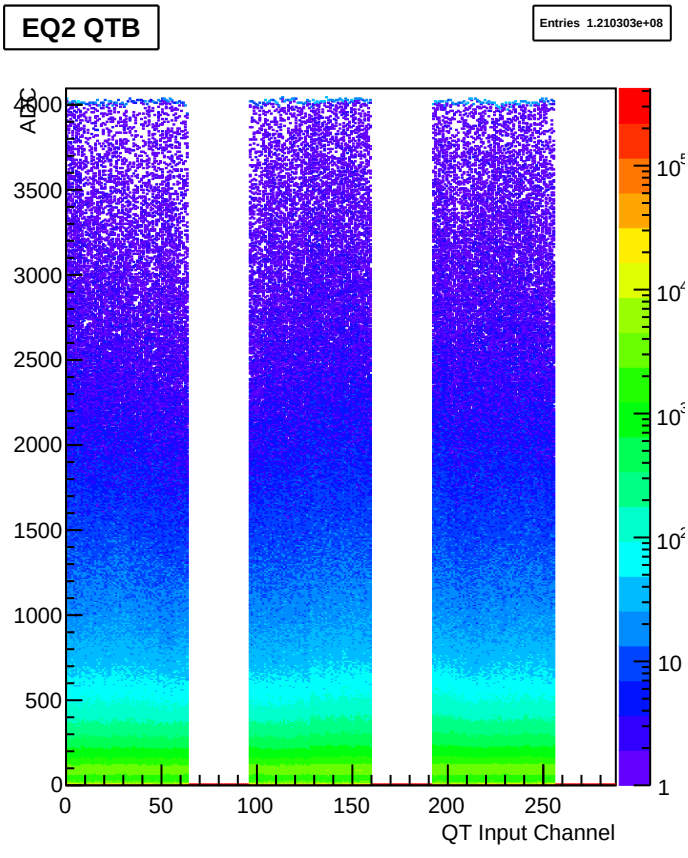

BBQ-VP002 West
Entries 6723904
TADC
QT Input Channel

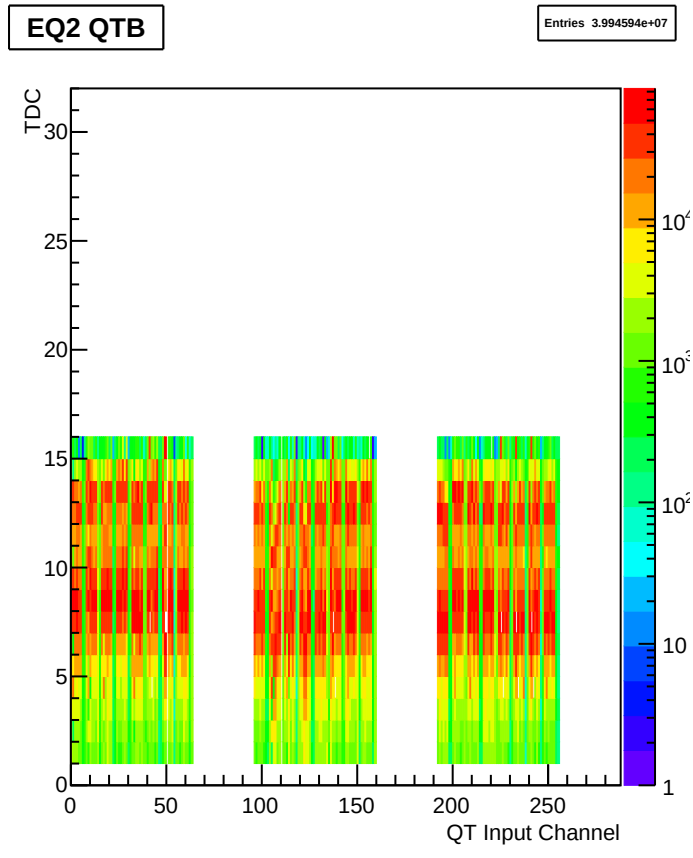

EQ1 QTB
Entries 1.210303e+08
ADC
QT Input Channel

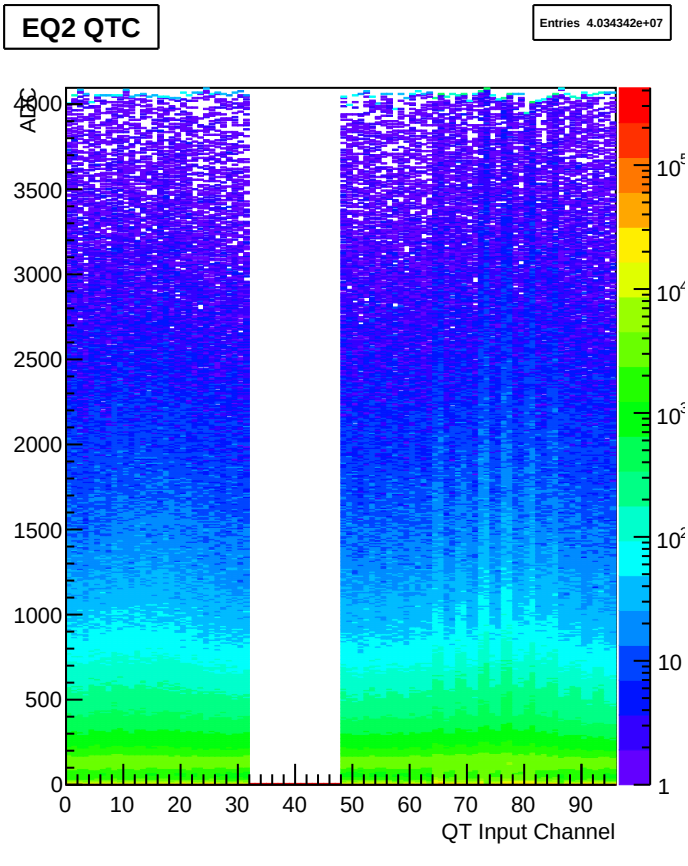

EQ1 QTB
Entries 4.068048e+07
TDC
QT Input Channel

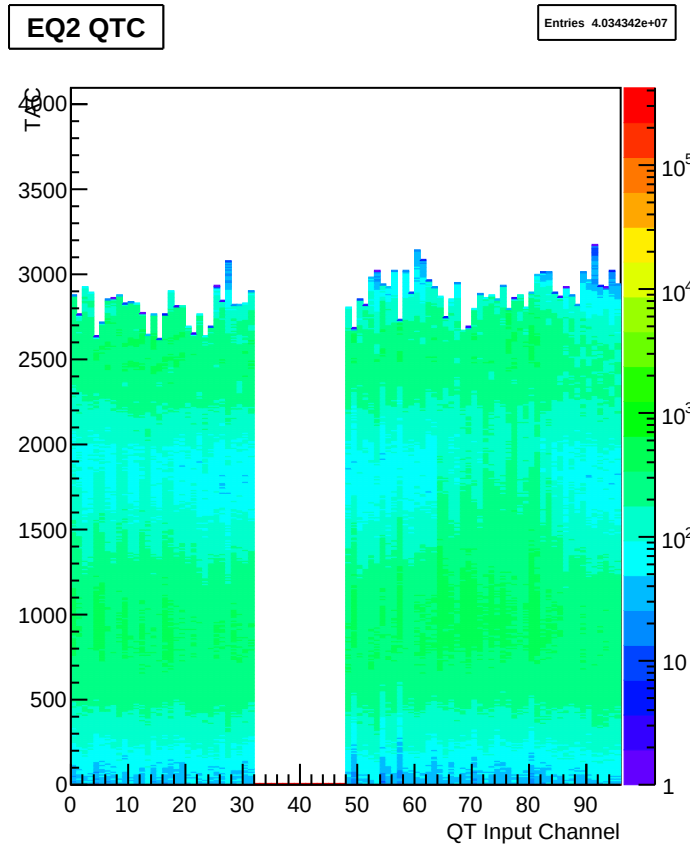

EQ1 QTC
Entries 4.034342e+07
ADC
QT Input Channel

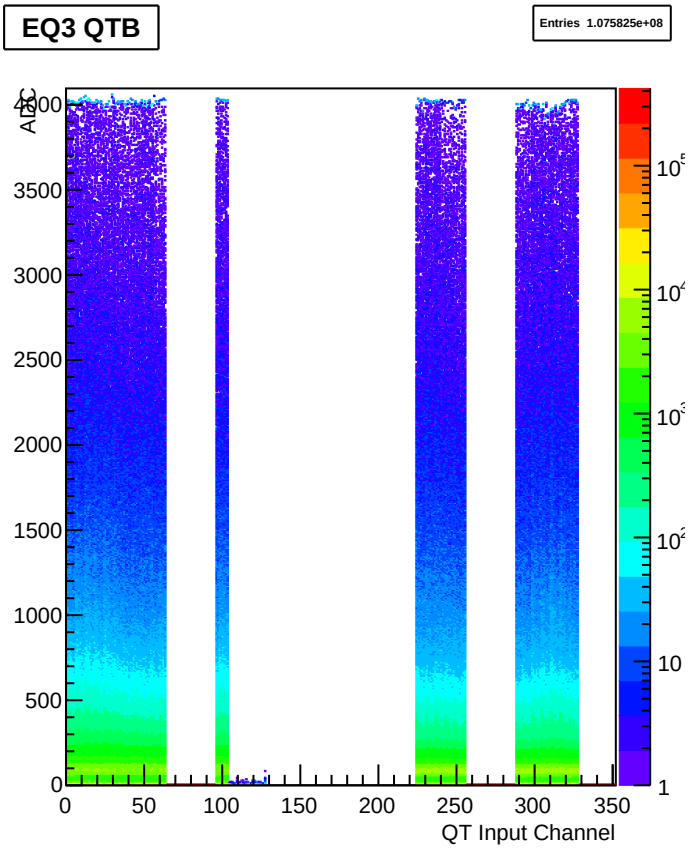

EQ1 QTC
Entries 4.034342e+07
TADC
QT Input Channel

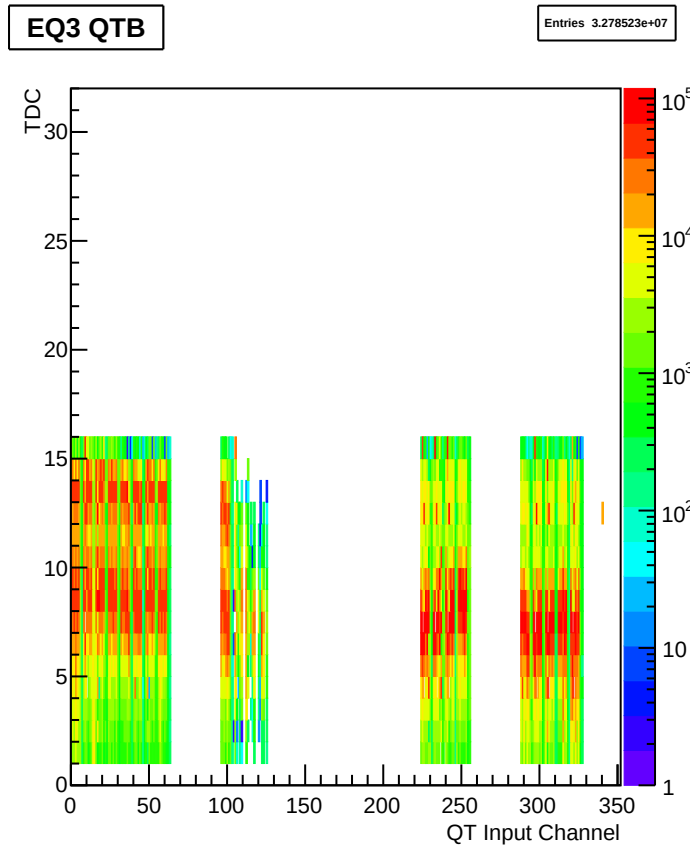

EQ2 QTB
Entries 1.210303e+08
ADC
QT Input Channel

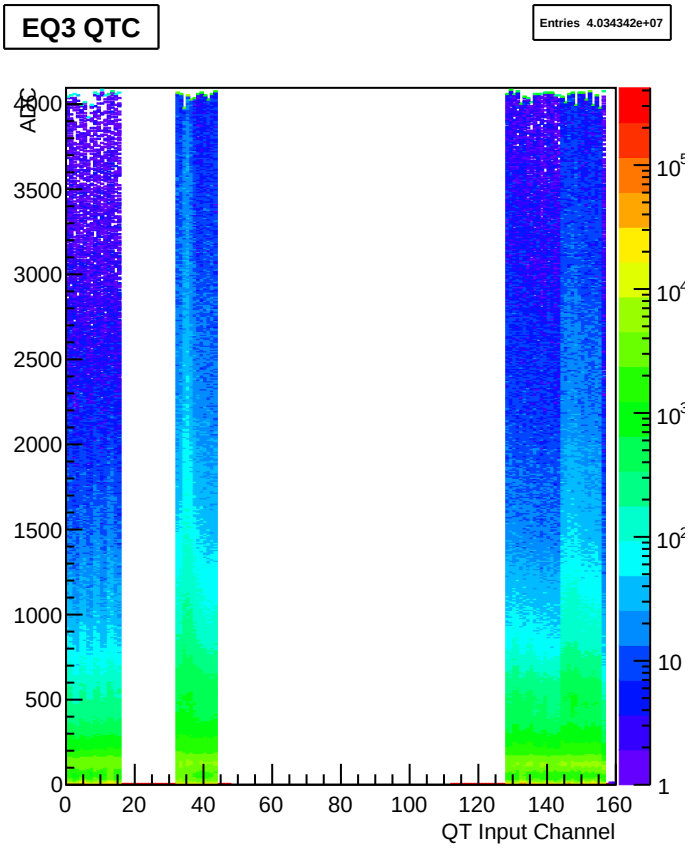

EQ2 QTB
Entries 3.994594e+07
TDC
QT Input Channel

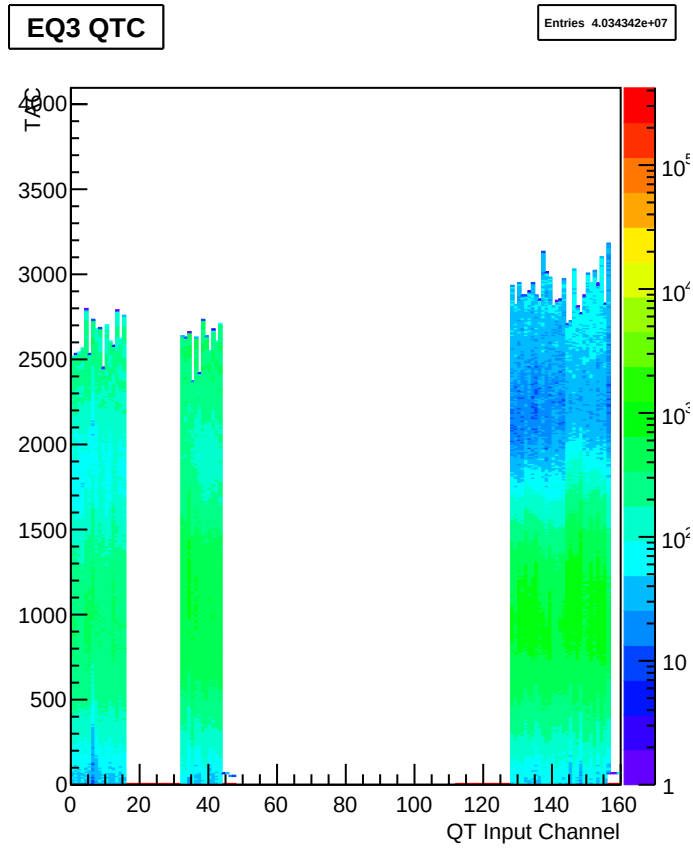

EQ2 QTC
Entries 4.034342e+07
ADC
QT Input Channel

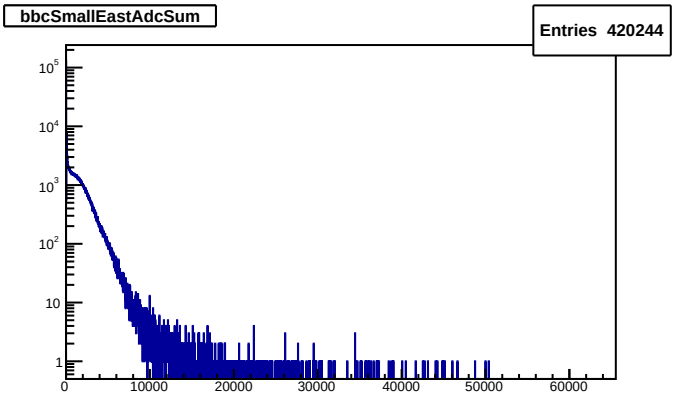

EQ2 QTC
Entries 4.034342e+07
TADC
QT Input Channel

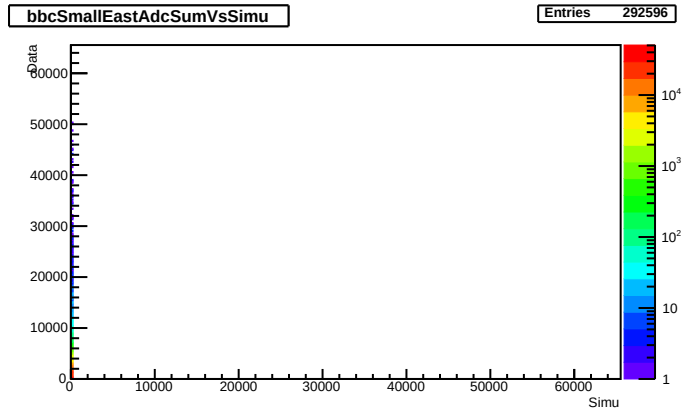

EQ3 QTB
Entries 1.075825e+08
ADC
QT Input Channel

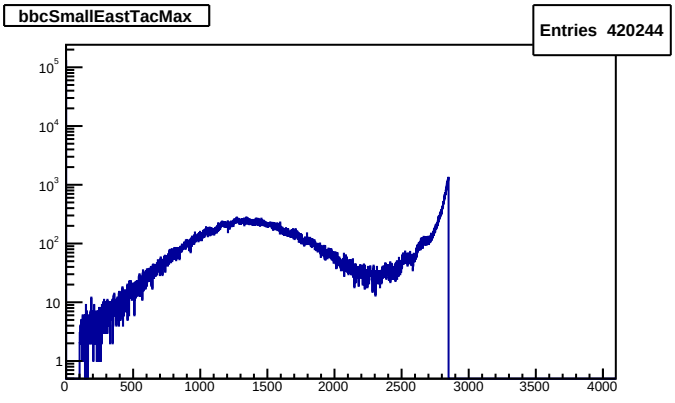

EQ3 QTB
Entries 3.278523e+07
TDC
QT Input Channel

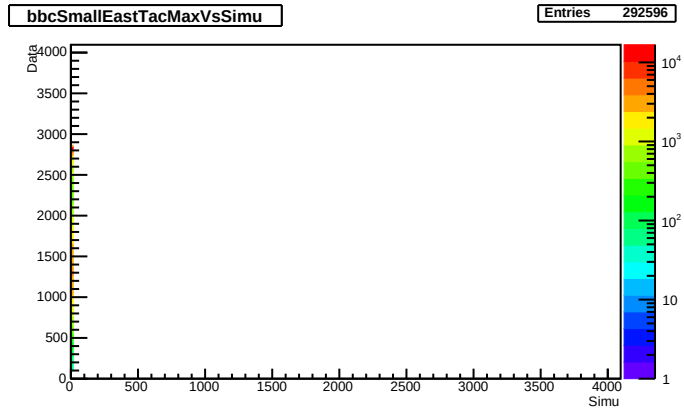

EQ3 QTC
Entries 4.034342e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.034342e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 420244


bbcSmallEastAdcSumVsSimu
Entries 292596
Data
Simu


bbcSmallEastTacMax
Entries 420244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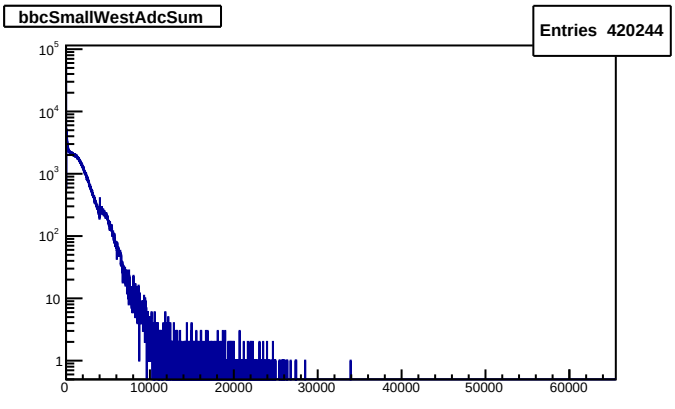
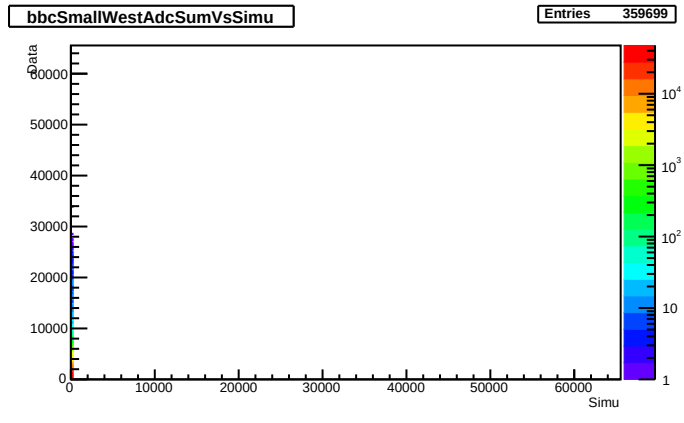
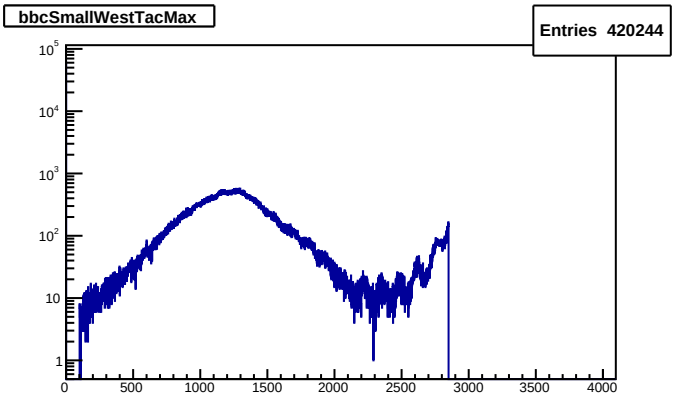
Entries 292596
Data
Simu


bbcSmallWestAdcSum
Entries 420244


bbcSmallWestAdcSumVsSimu
Entries 359699
Data
Simu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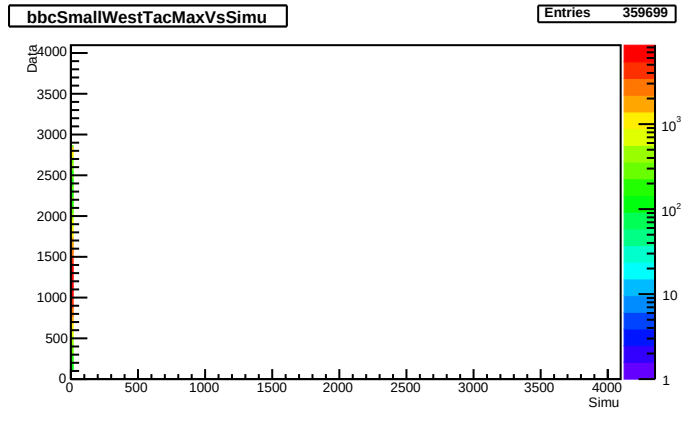
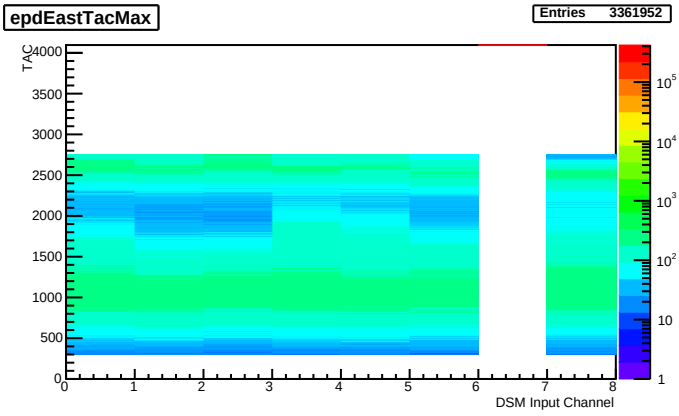
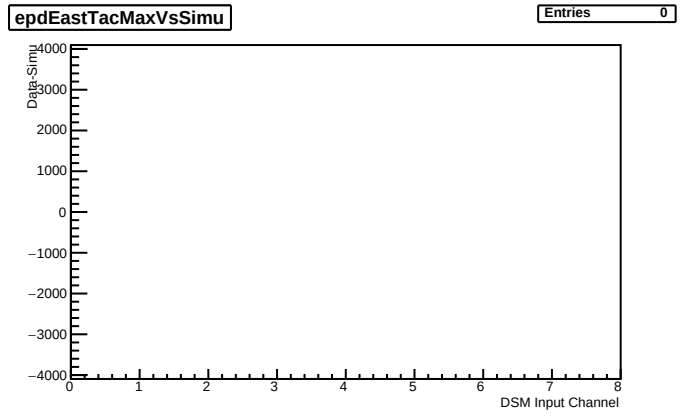
Entries 420244


bbcSmallWestTacMaxVsSimu
Entries 359699
Data
Simu


epdEastTacMax
Entries 3361952
TAC
DSM Input Channel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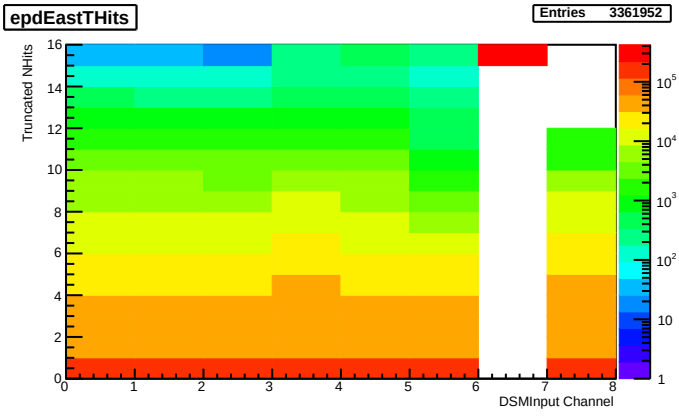
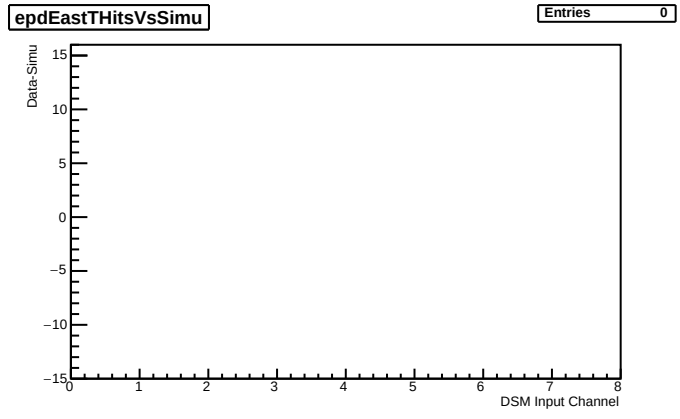
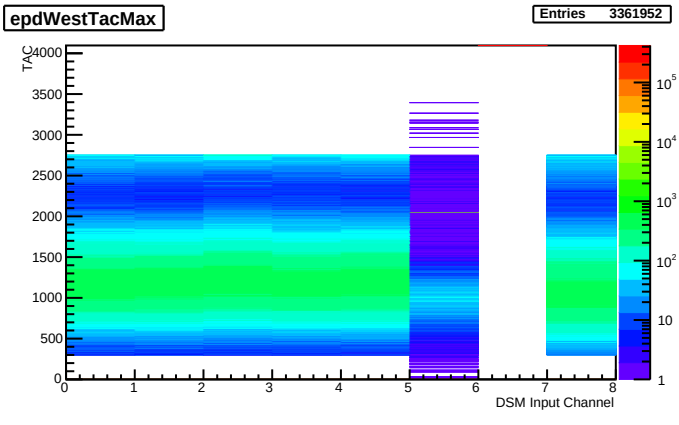
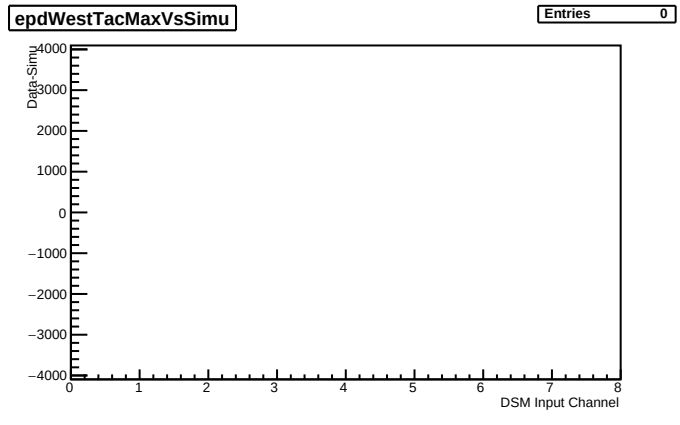
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3361952
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3361952
TAC
DSM Input Channel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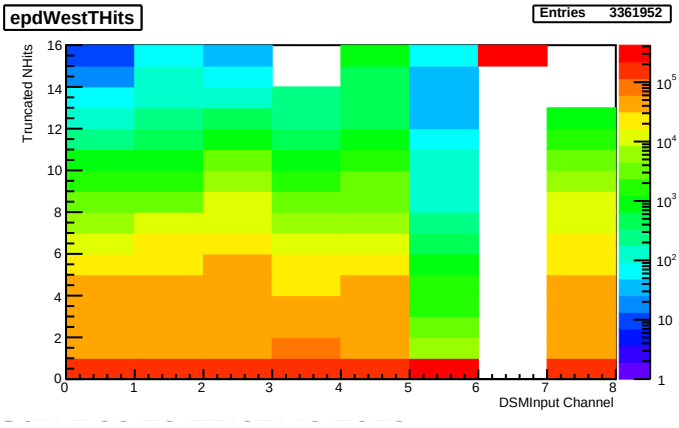
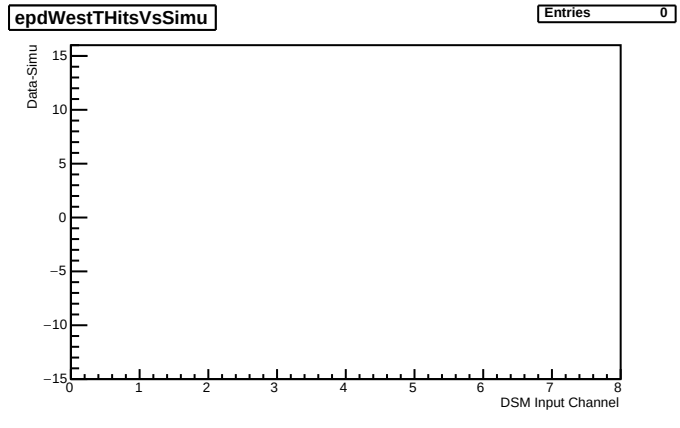
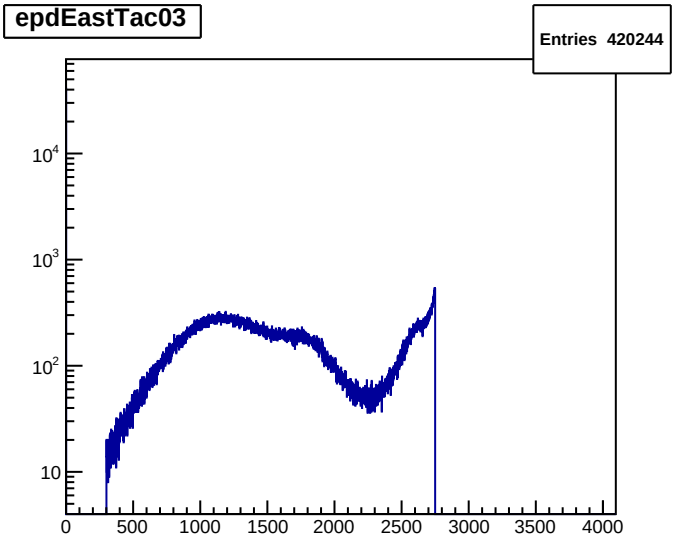
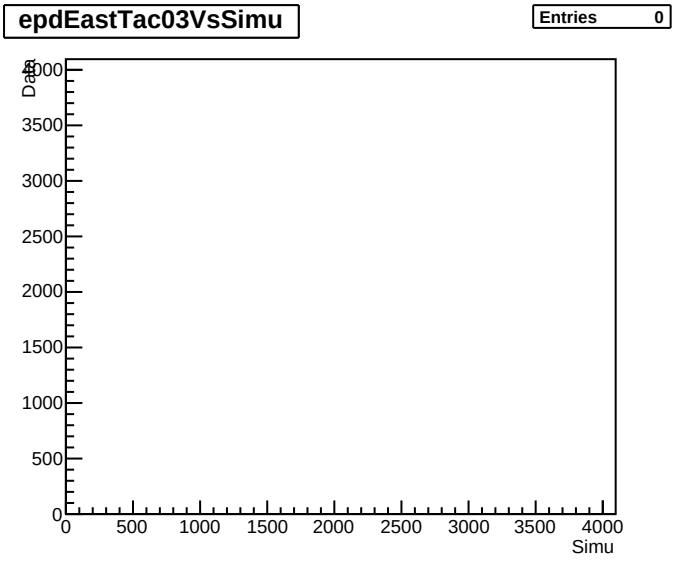
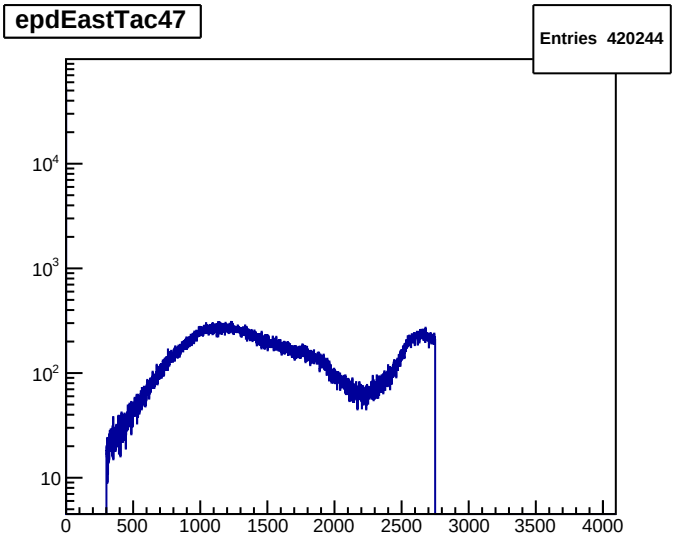
Entries 0
Data-Simu
DSM Input Channel

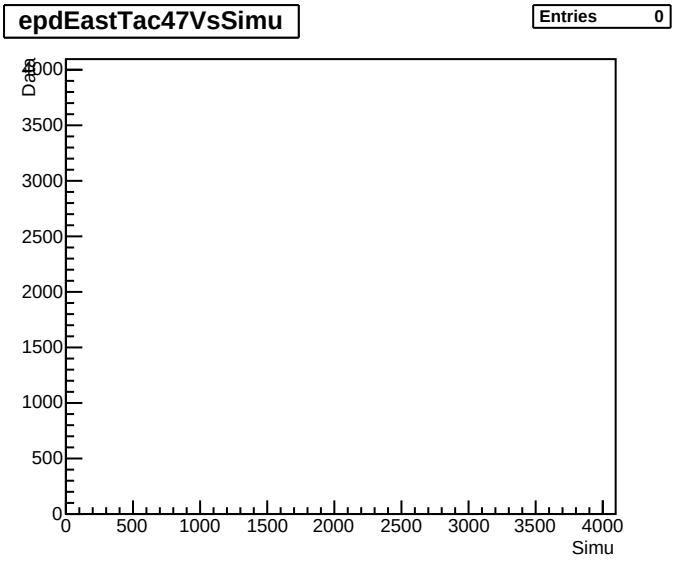

epdWestTHits
Entries 3361952
Truncated NHits
DSMInput Channel

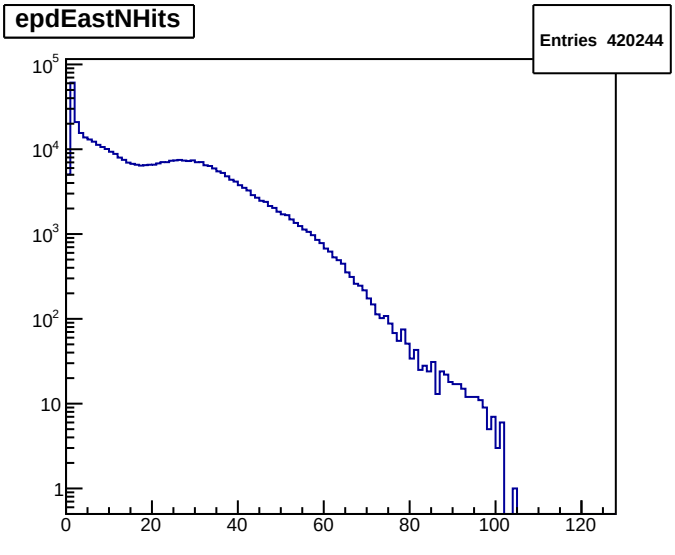

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

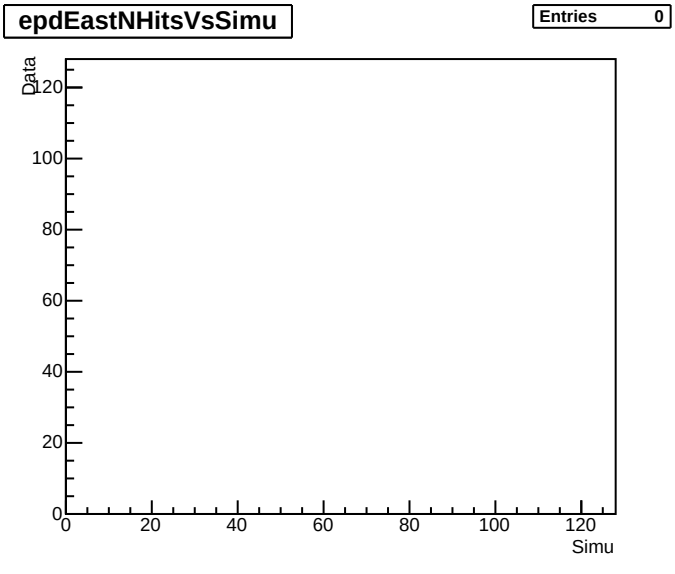

epdEastTac03
Entries 420244


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 420244


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 420244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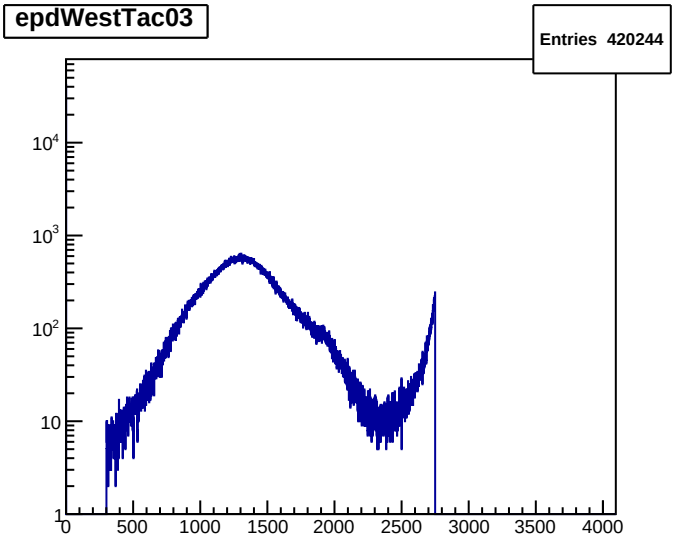
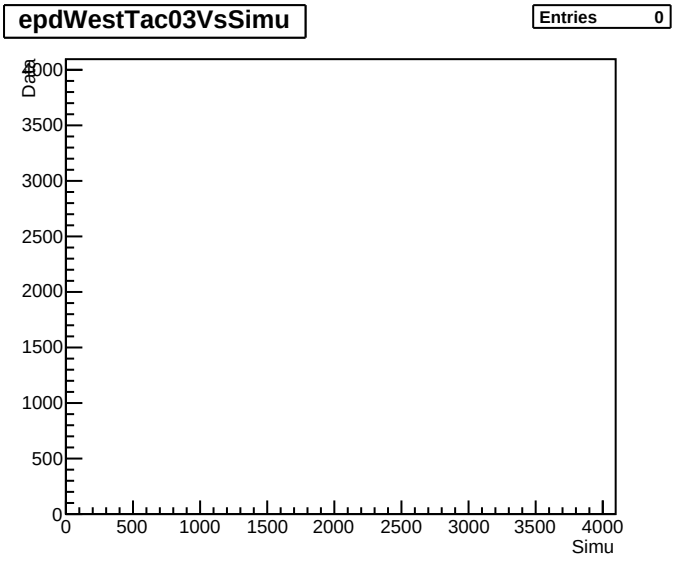
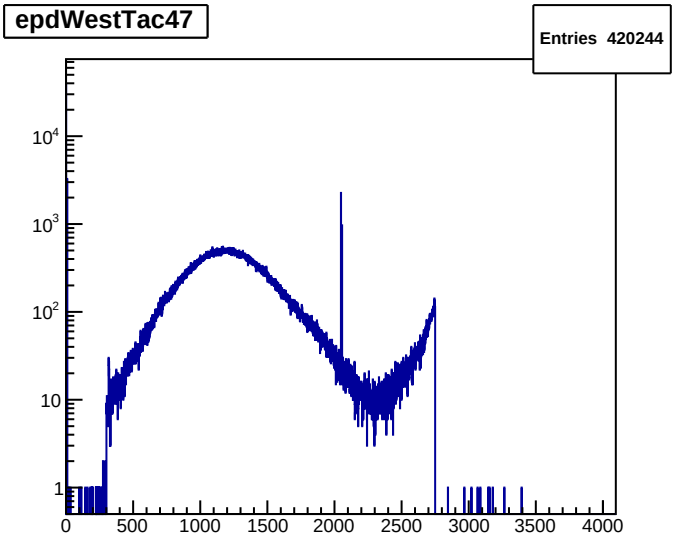
Entries 0
Data
Simu


epdWestTac03
Entries 420244


epdWestTac03VsSimu
Entries 0
Data
Simu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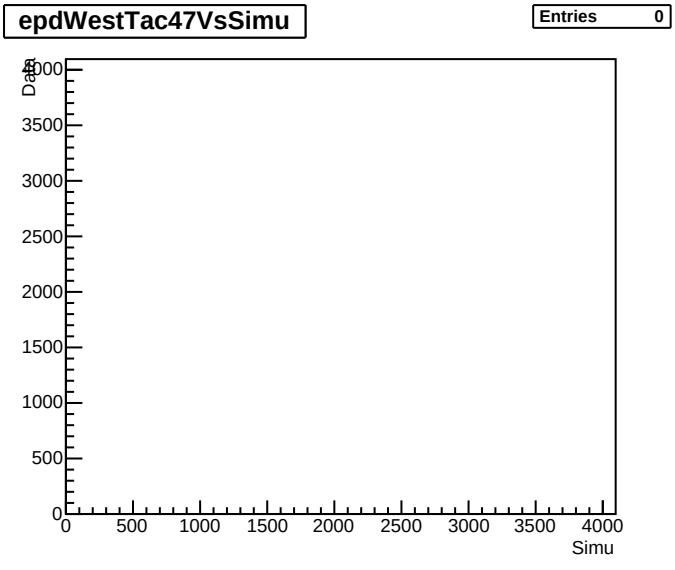
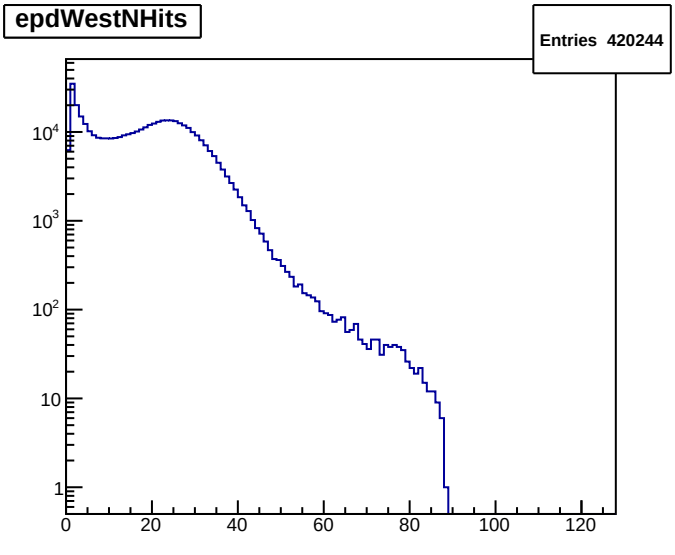
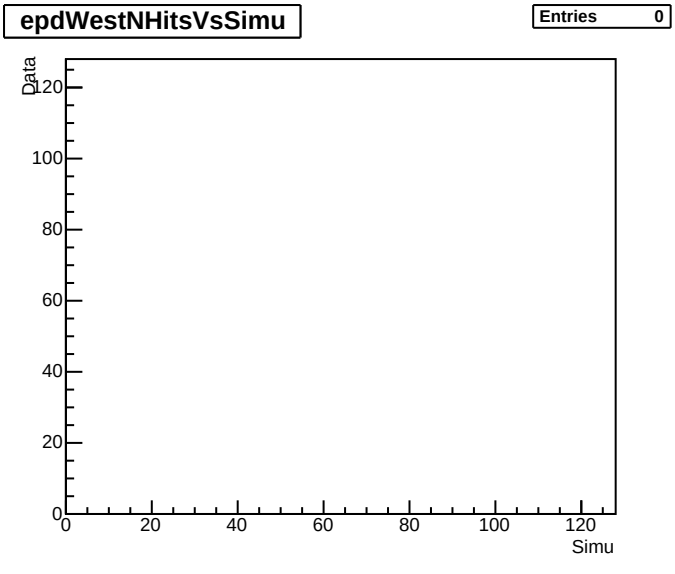
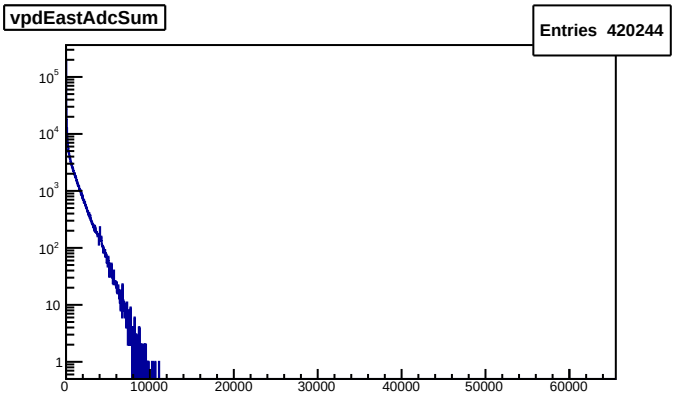
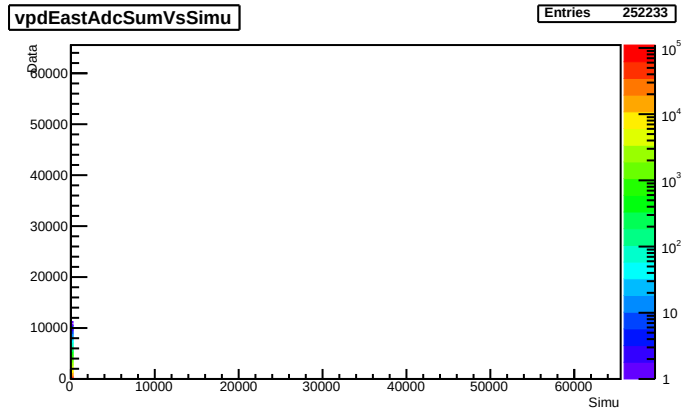
Entries 420244

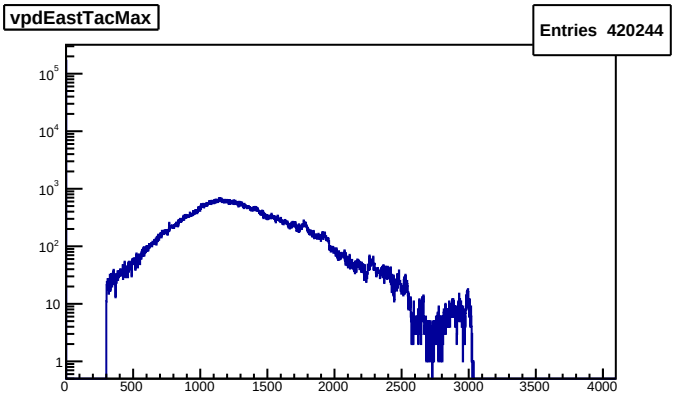

epdWestTac47VsSimu
Entries 0
Data
Simu

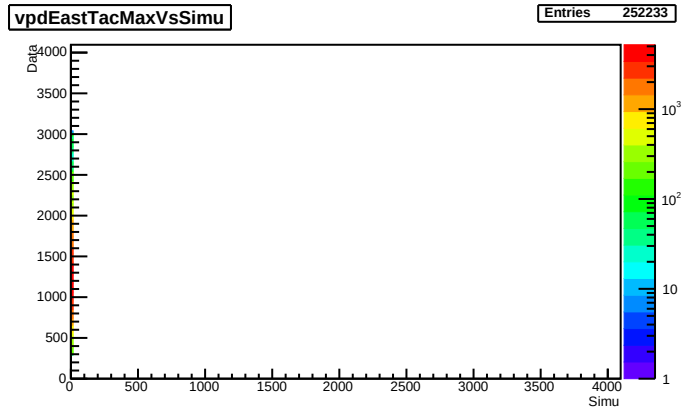

epdWestNHits
Entries 420244

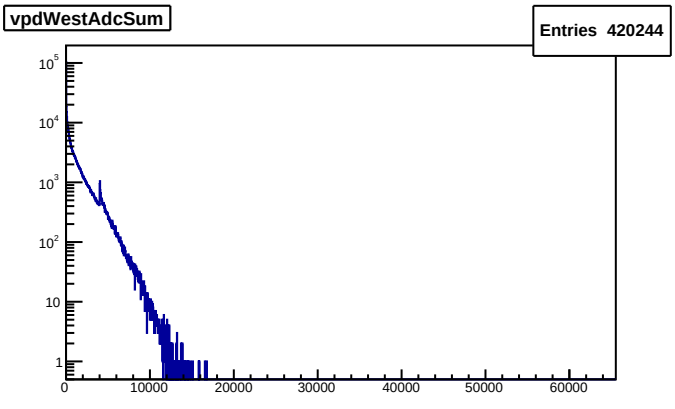

epdWestNHitsVsSimu
Entries 0
Data
Simu

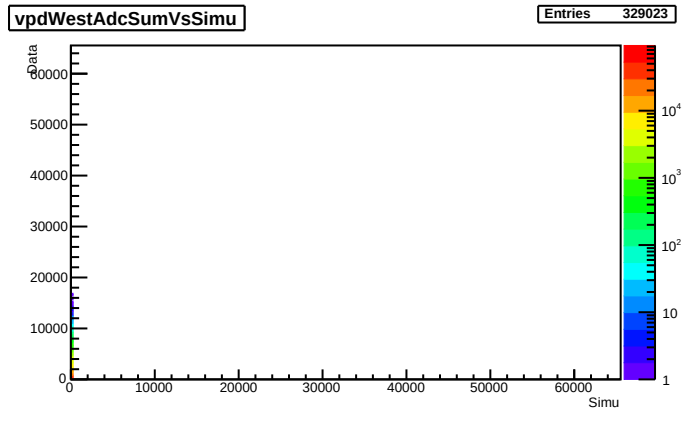

vpdEastAdcSum
Entries 420244

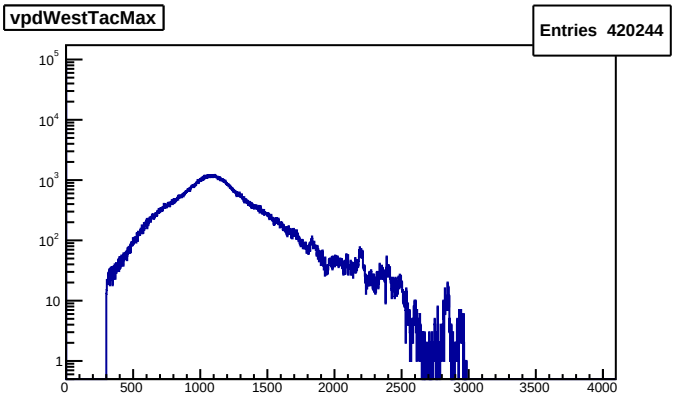

vpdEastAdcSumVsSimu
Entries 252233
Data
Simu

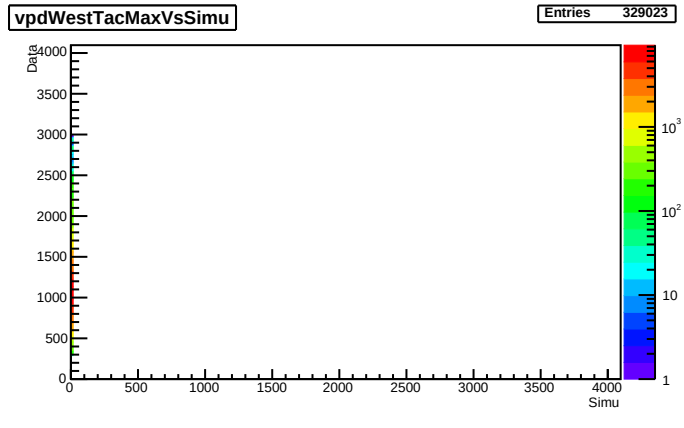

vpdEastTacMax
Entries 420244

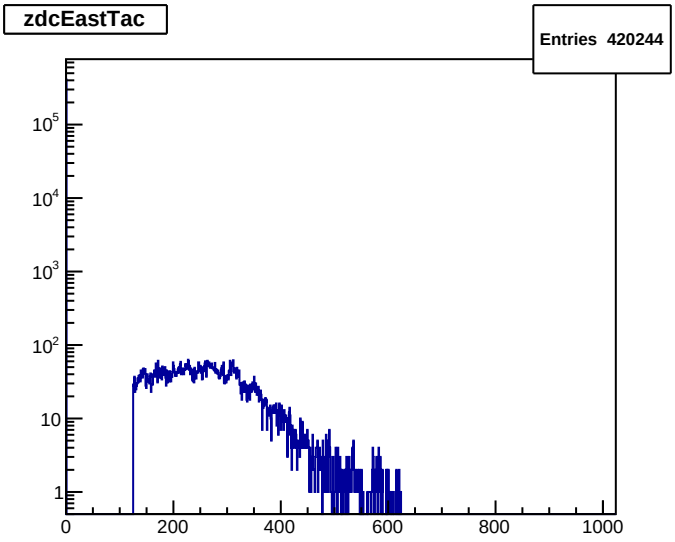

vpdEastTacMaxVsSimu
Entries 252233
Data
Simu

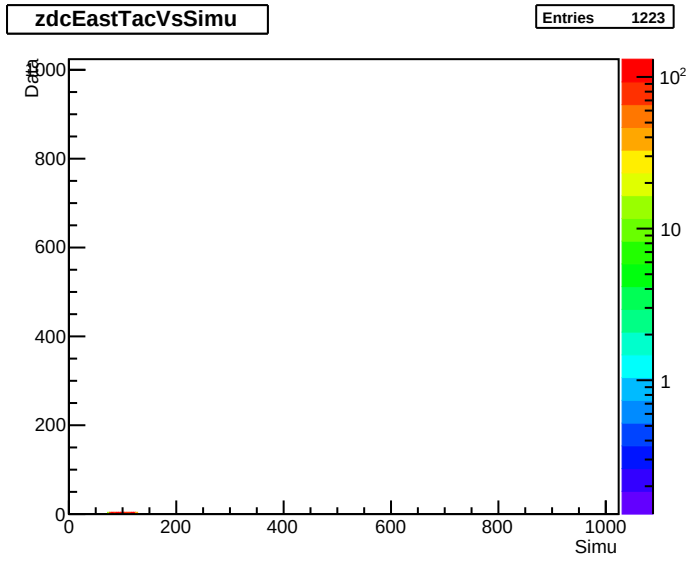

vpdWestAdcSum
Entries 420244

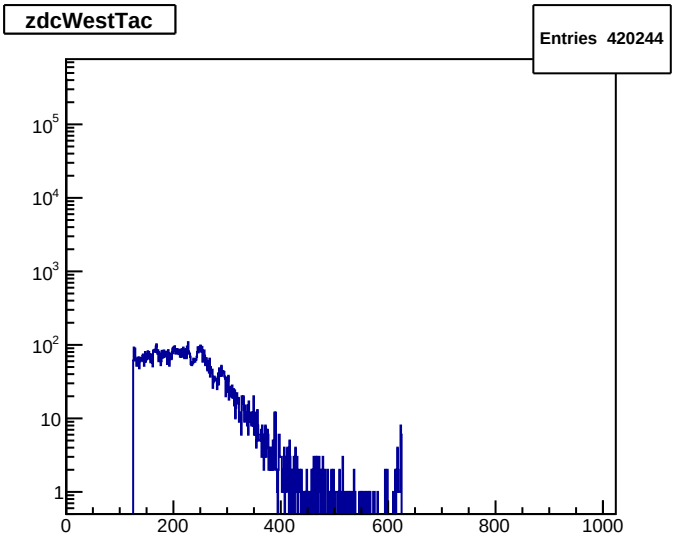

vpdWestAdcSumVsSimu
Entries 329023
Data
Simu

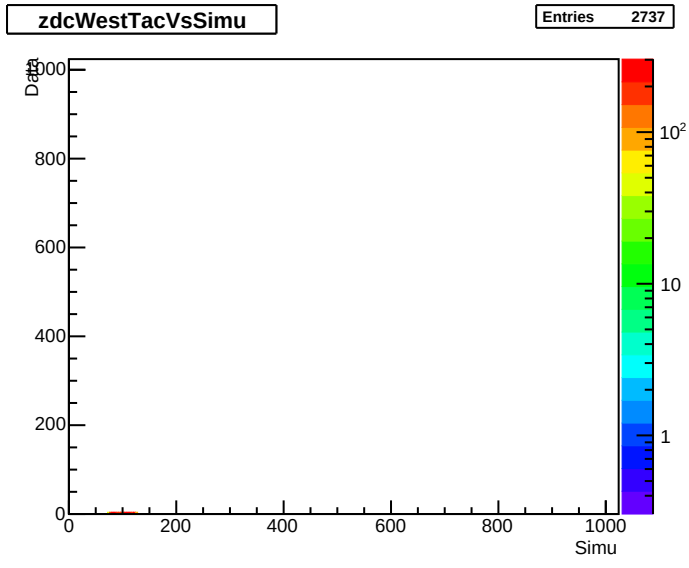

vpdWestTacMax
Entries 420244

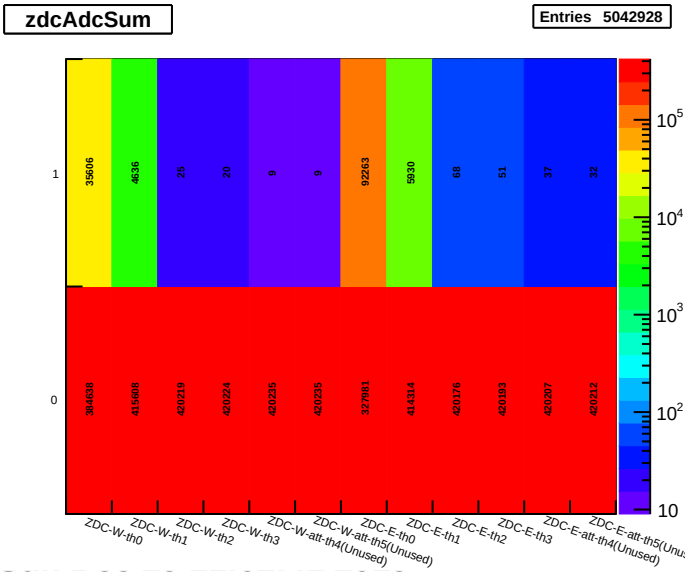

vpdWestTacMaxVsSimu
Entries 329023
Data
Simu

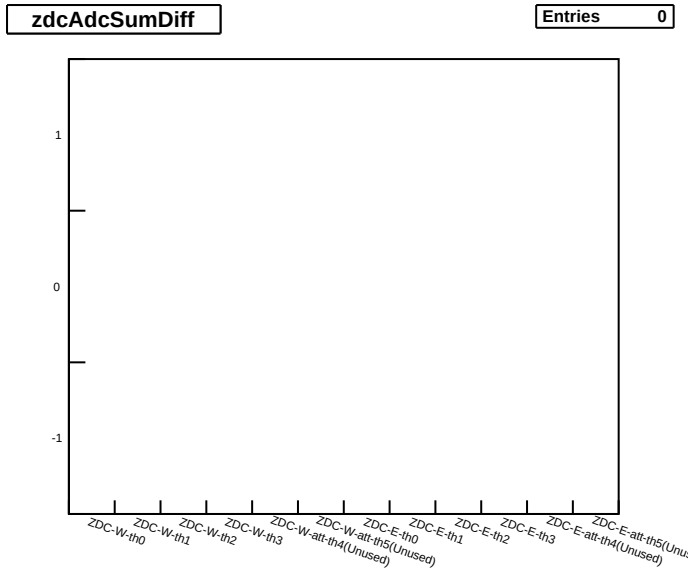

zdcEastTac
Entries 420244

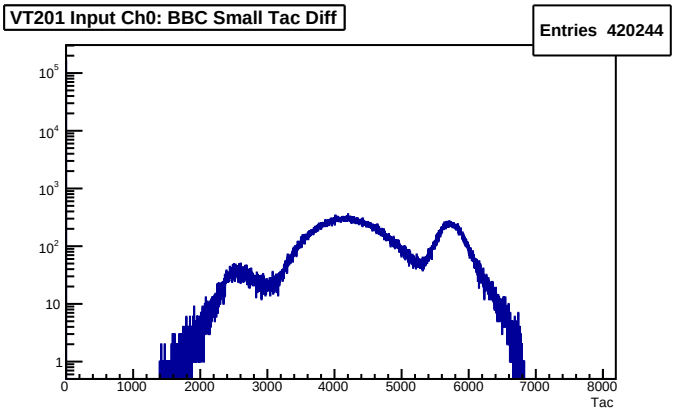

zdcEastTacVsSimu
Entries 1223
Data
Simu

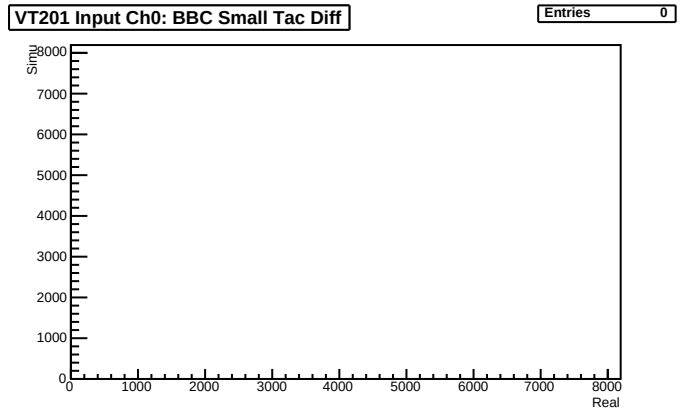

zdcWestTac
Entries 420244

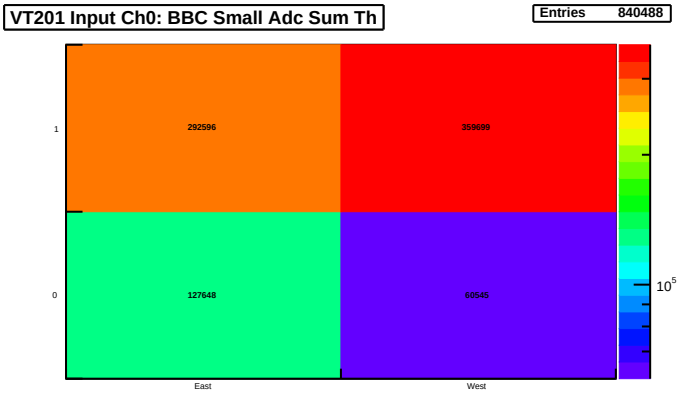

zdcWestTacVsSimu
Entries 2737
Data
Simu

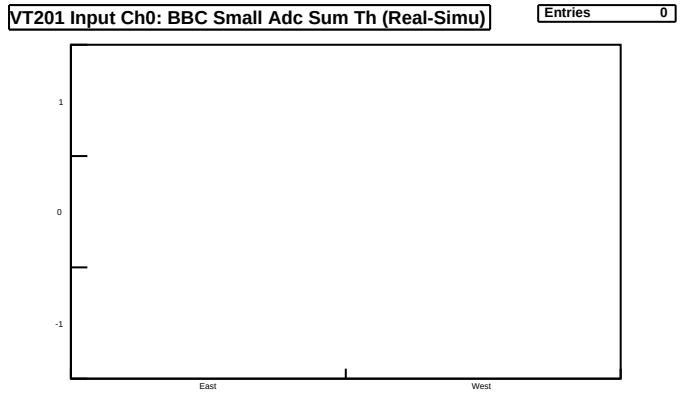

zdcAdcSum
Entries 5042928
35606
4636
25
20
9
9
92263
5930
68
51
37
32
384638
415608
420219
420224
420235
420235
327981
414314
420176
420193
420207
420212
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

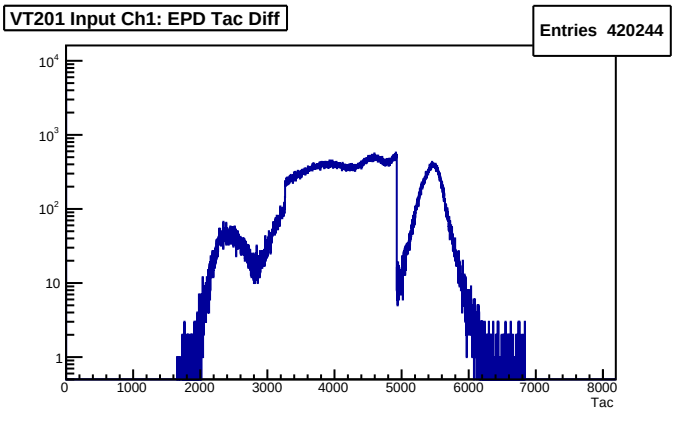

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

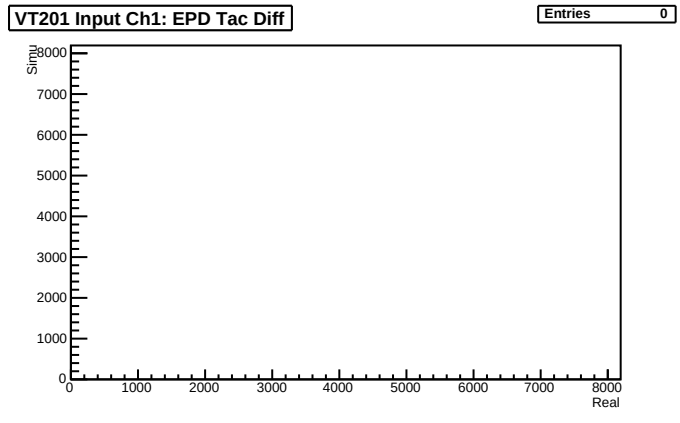

VT201 Input Ch0: BBC Small Tac Diff
Entries 420244
Tac

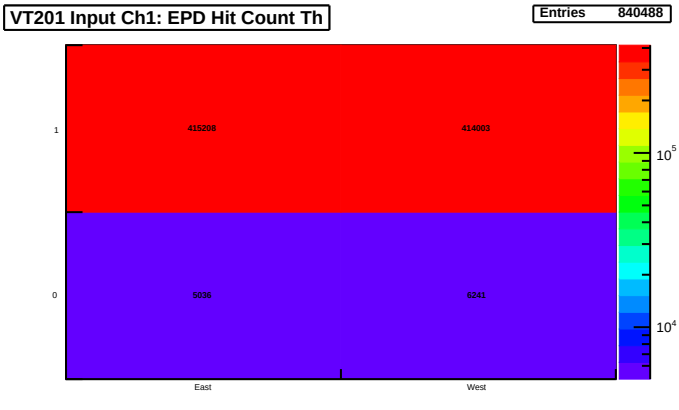

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

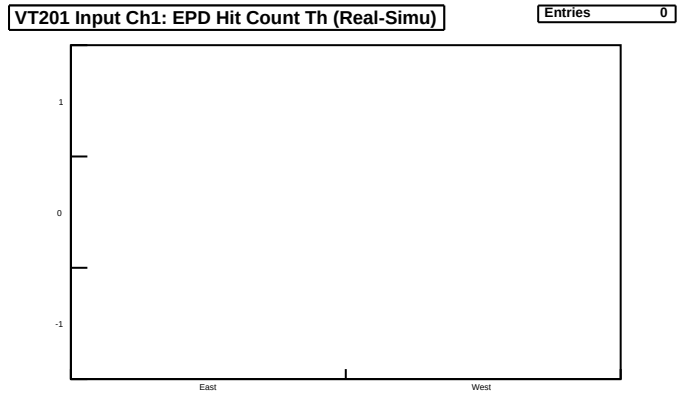

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 840488
292596
359699
127648
60545
East
West

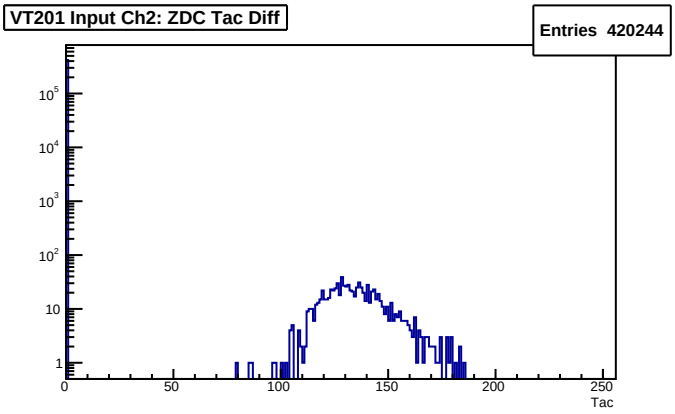

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

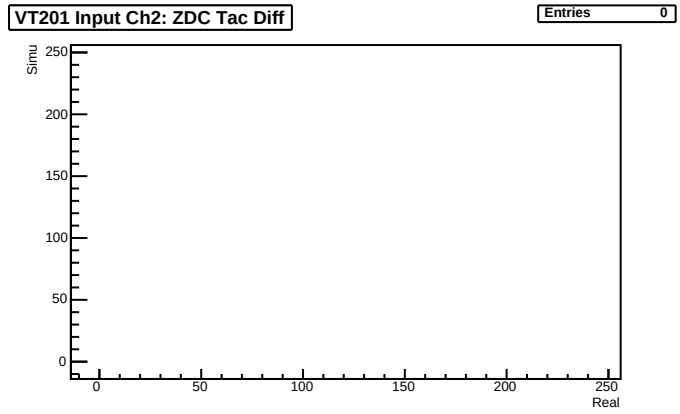

VT201 Input Ch1: EPD Tac Diff
Entries 420244
Tac

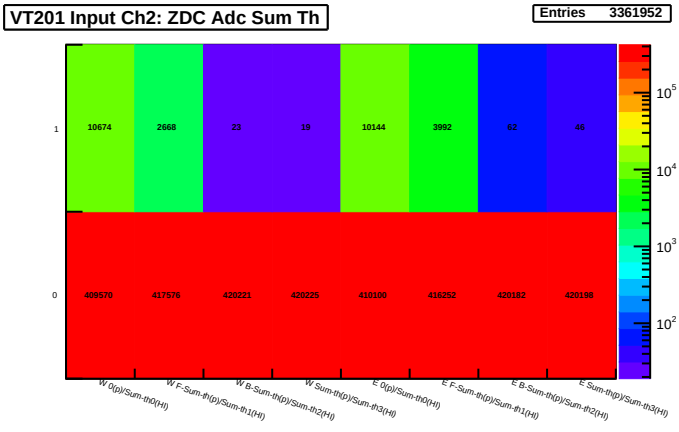

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

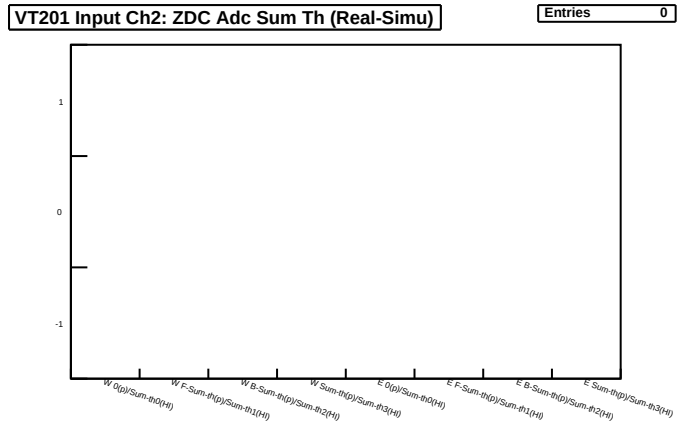

VT201 Input Ch1: EPD Hit Count Th
Entries 840488
415208
414003
5036
6241
East
West

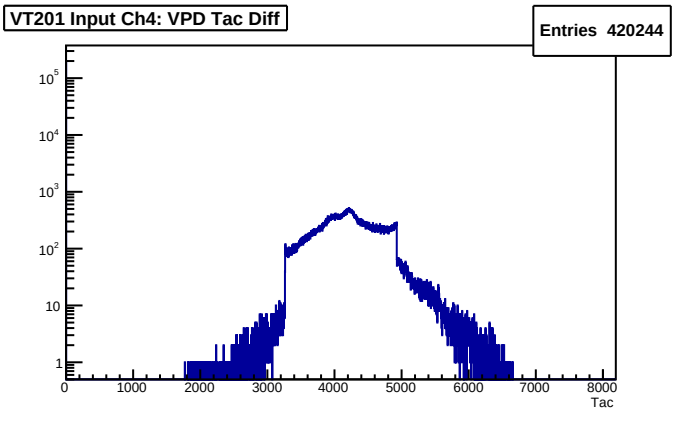

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

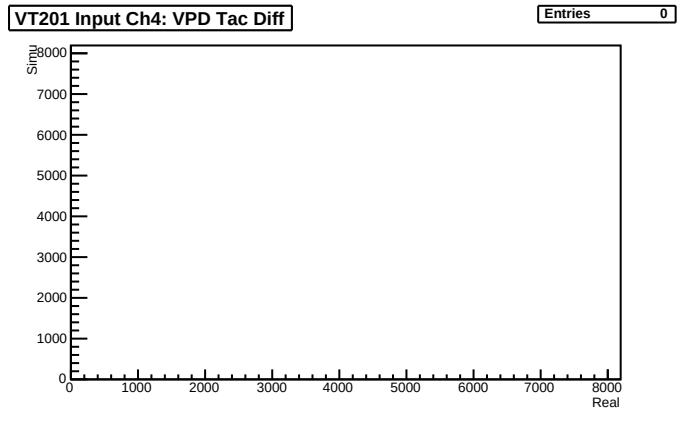

VT201 Input Ch2: ZDC Tac Diff
Entries 420244
Tac

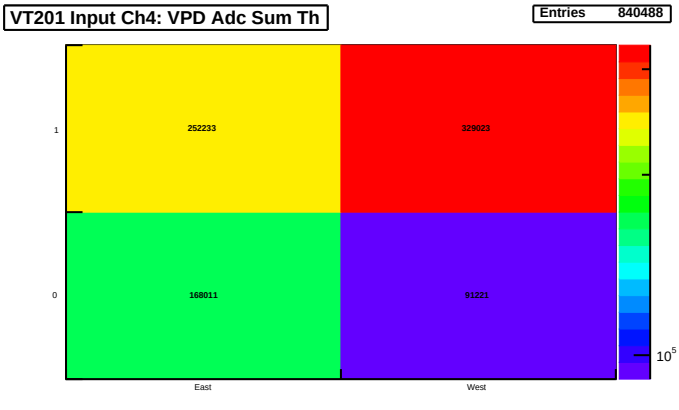

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

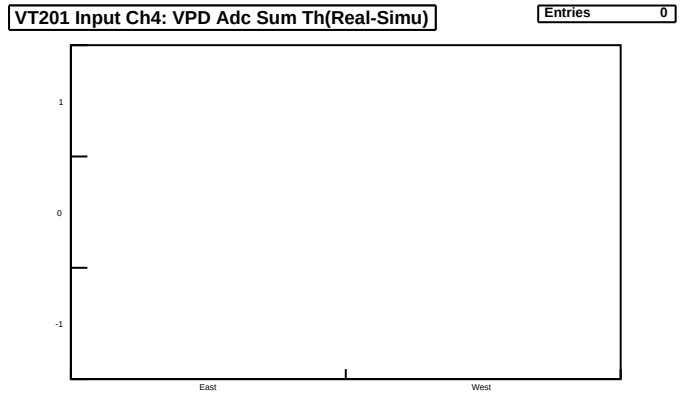

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3361952
10674
2668
23
19
10144
3992
62
46
409570
417576
420221
420225
410100
416252
420182
420198
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

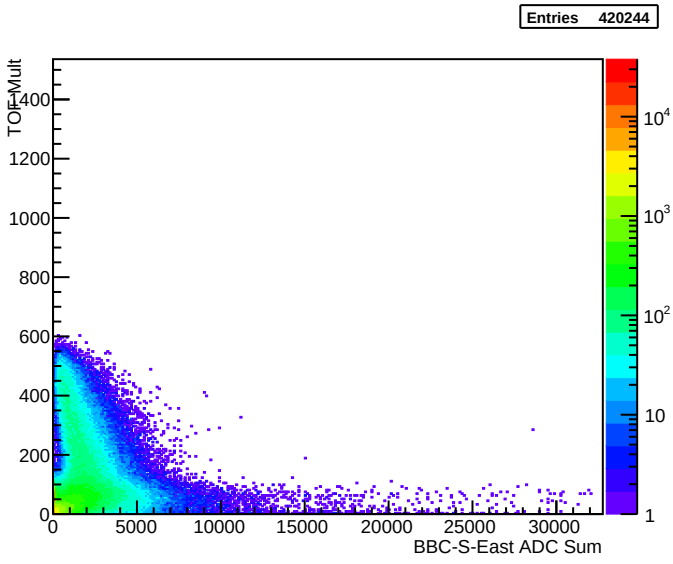

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

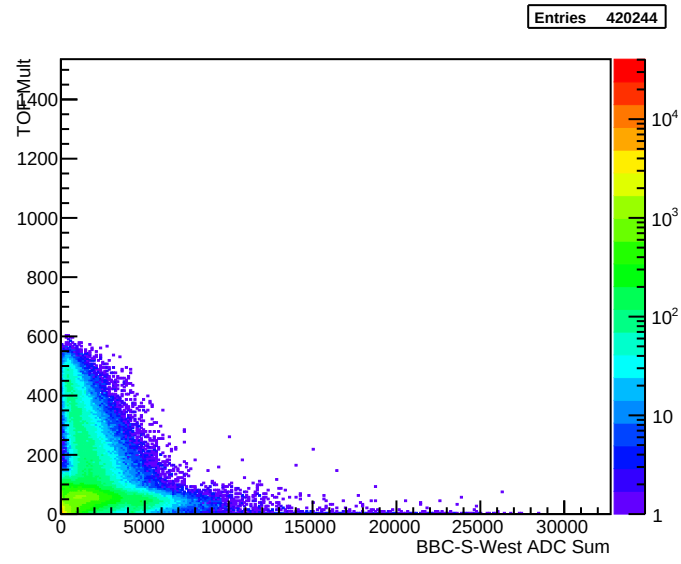

VT201 Input Ch4: VPD Tac Diff
Entries 420244
Tac

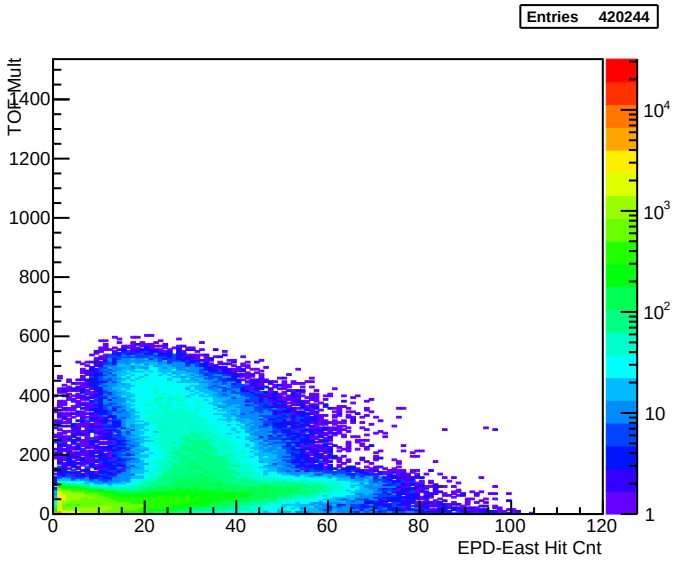

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

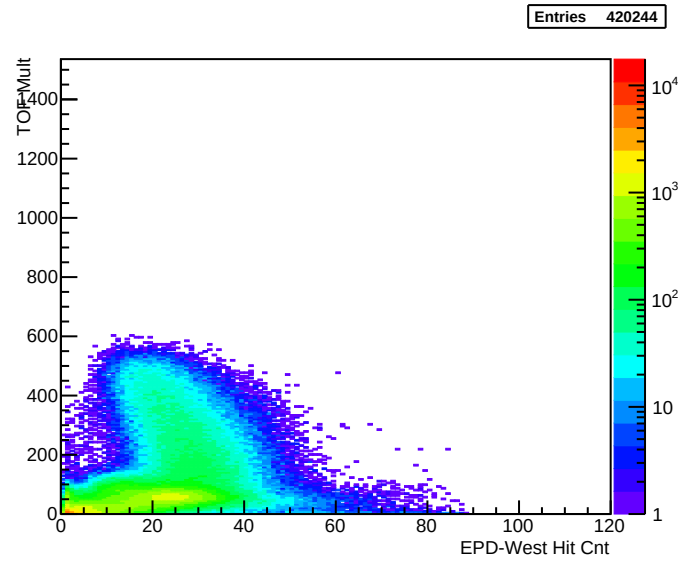

VT201 Input Ch4: VPD Adc Sum Th
Entries 840488
252233
329023
168011
91221
East
West

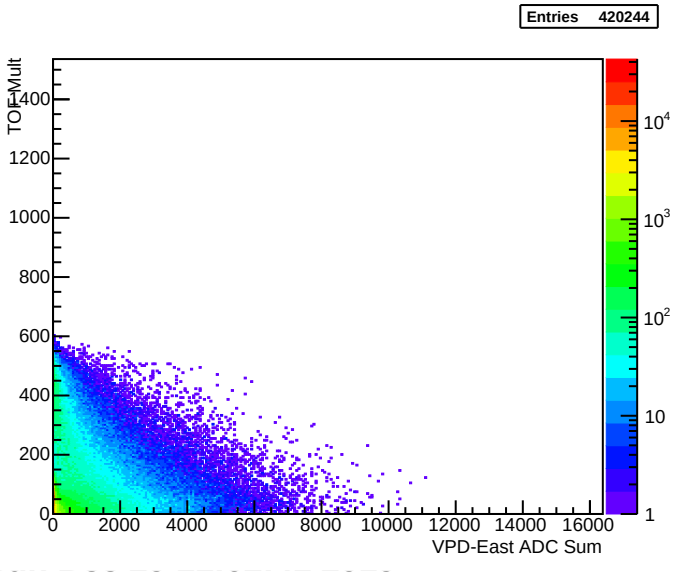

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

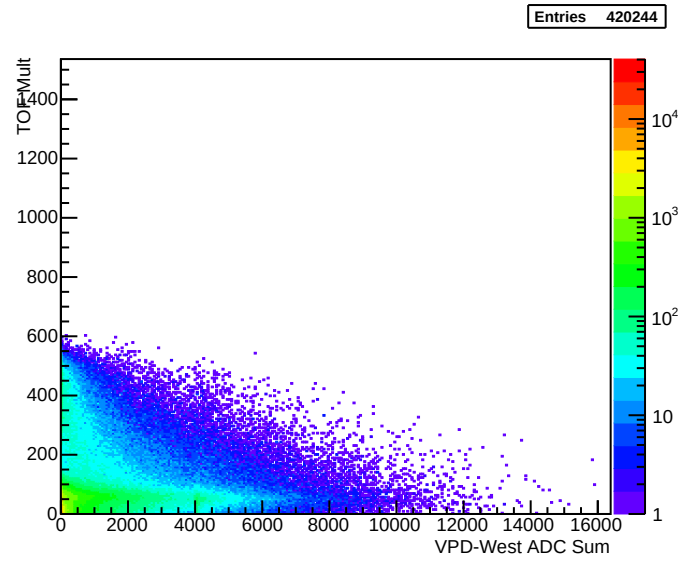

Entries 420244
TOF-Mult
BBC-S-East ADC Sum

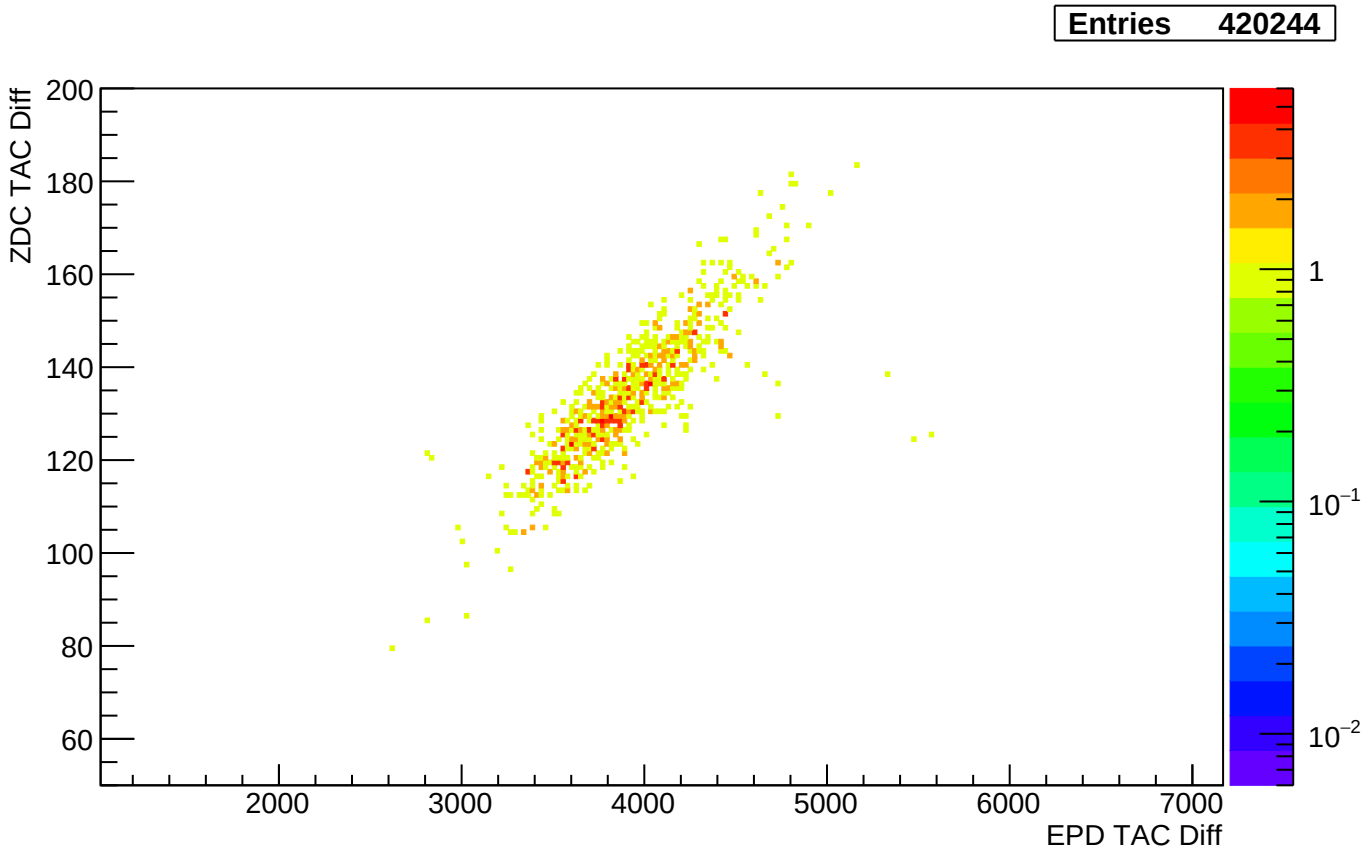

Entries 420244
TOF-Mult
BBC-S-West ADC Sum

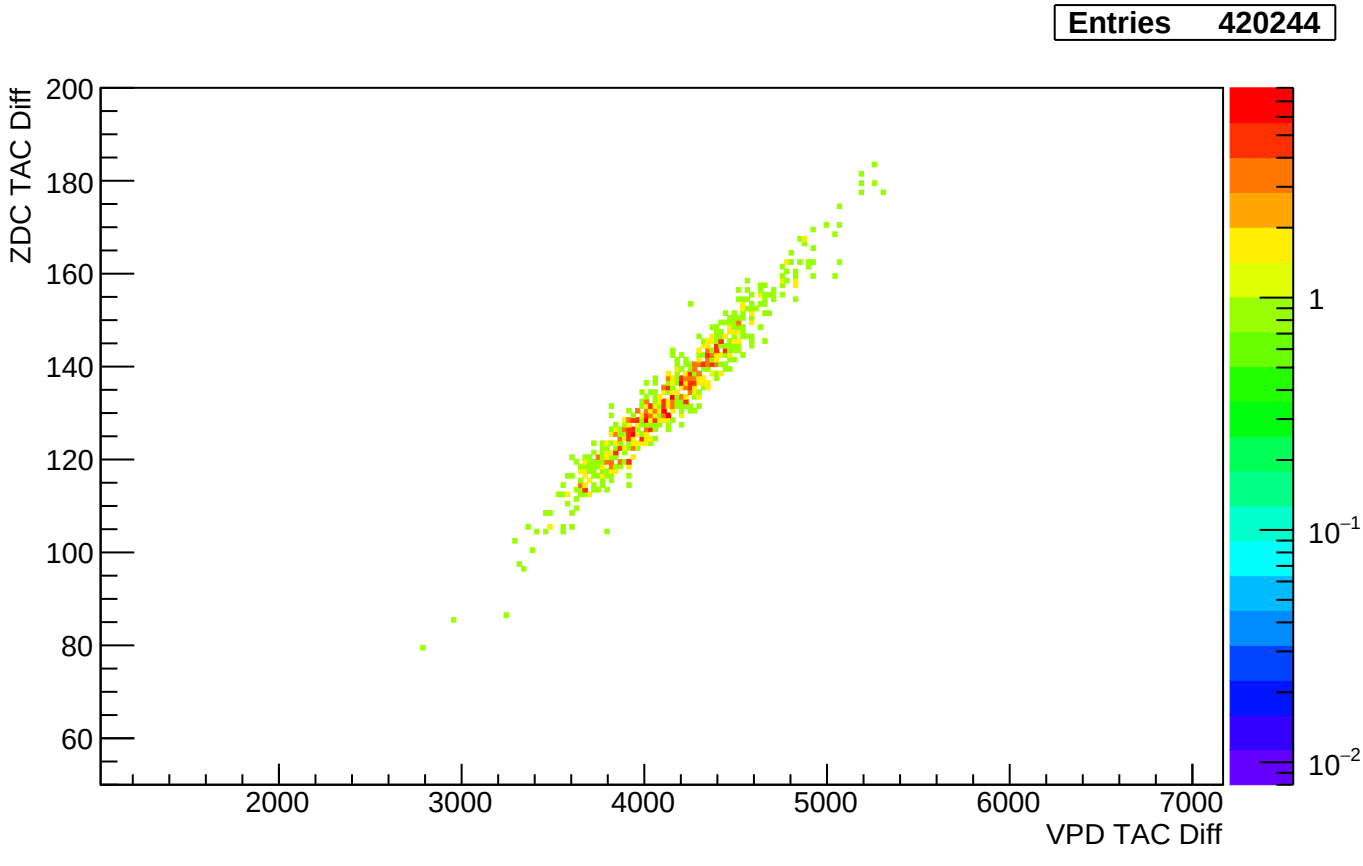

Entries 420244
TOF-Mult
EPD-East Hit Cnt

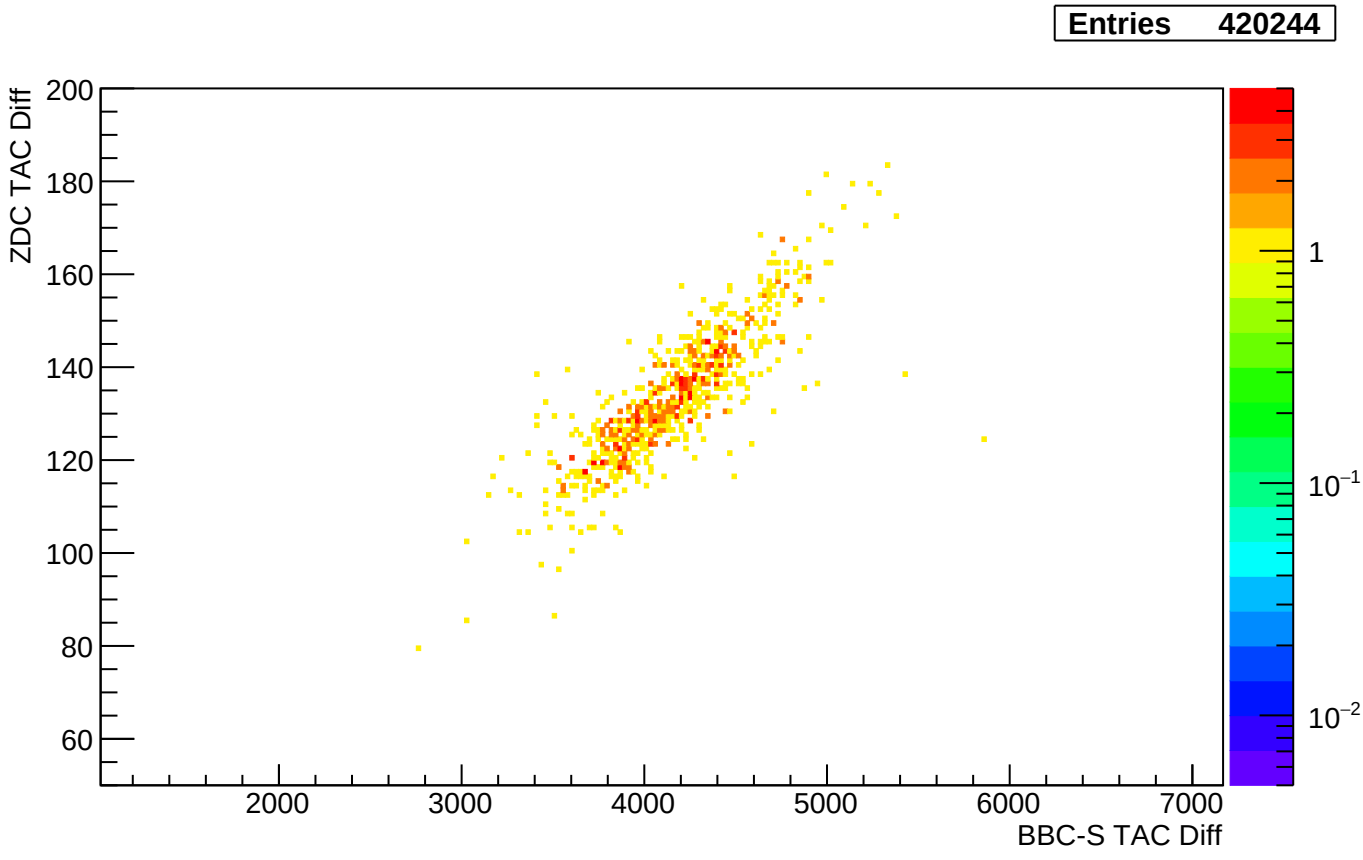

Entries 420244
TOF-Mult
EPD-West Hit Cnt

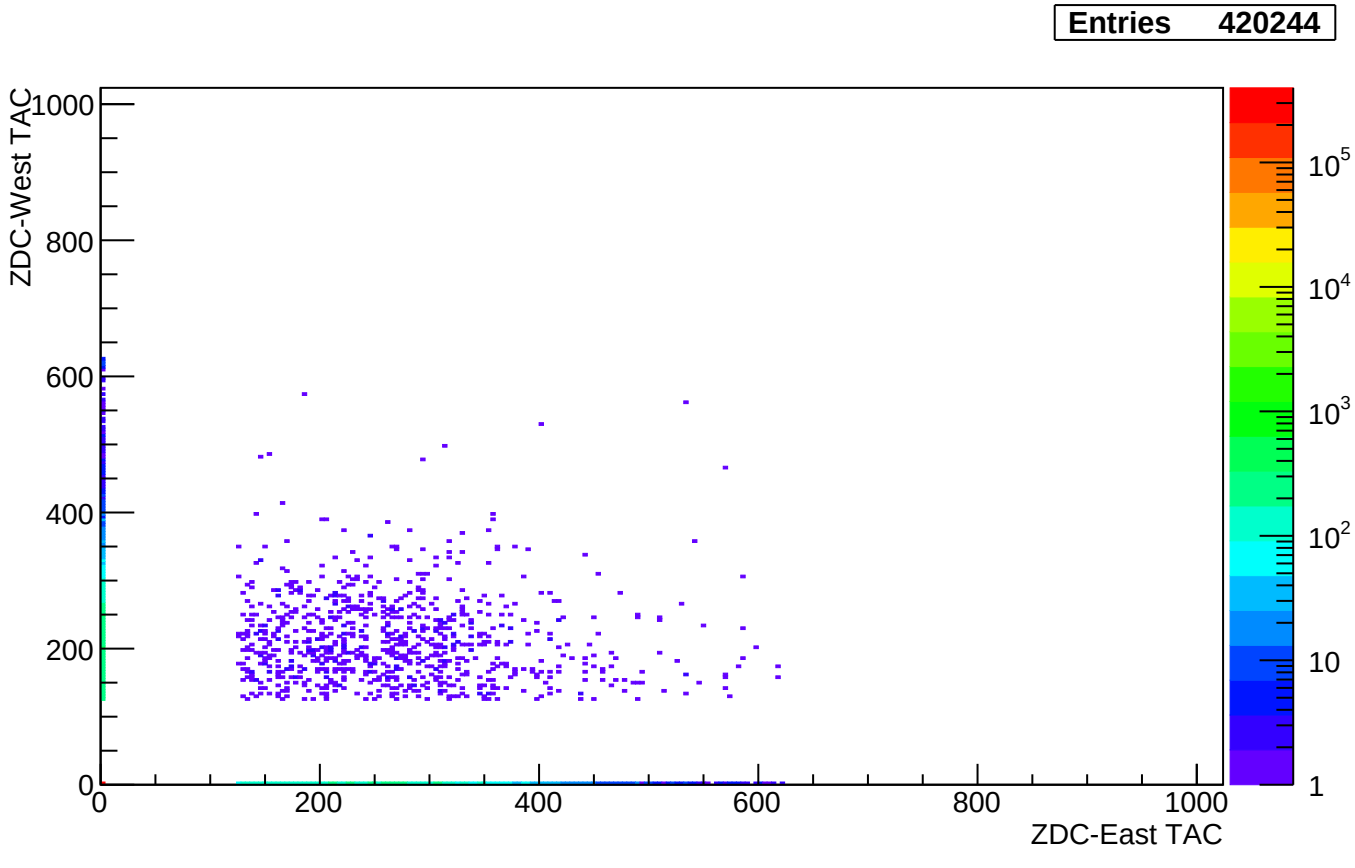

Entries 420244
TOF-Mult
VPD-East ADC Sum

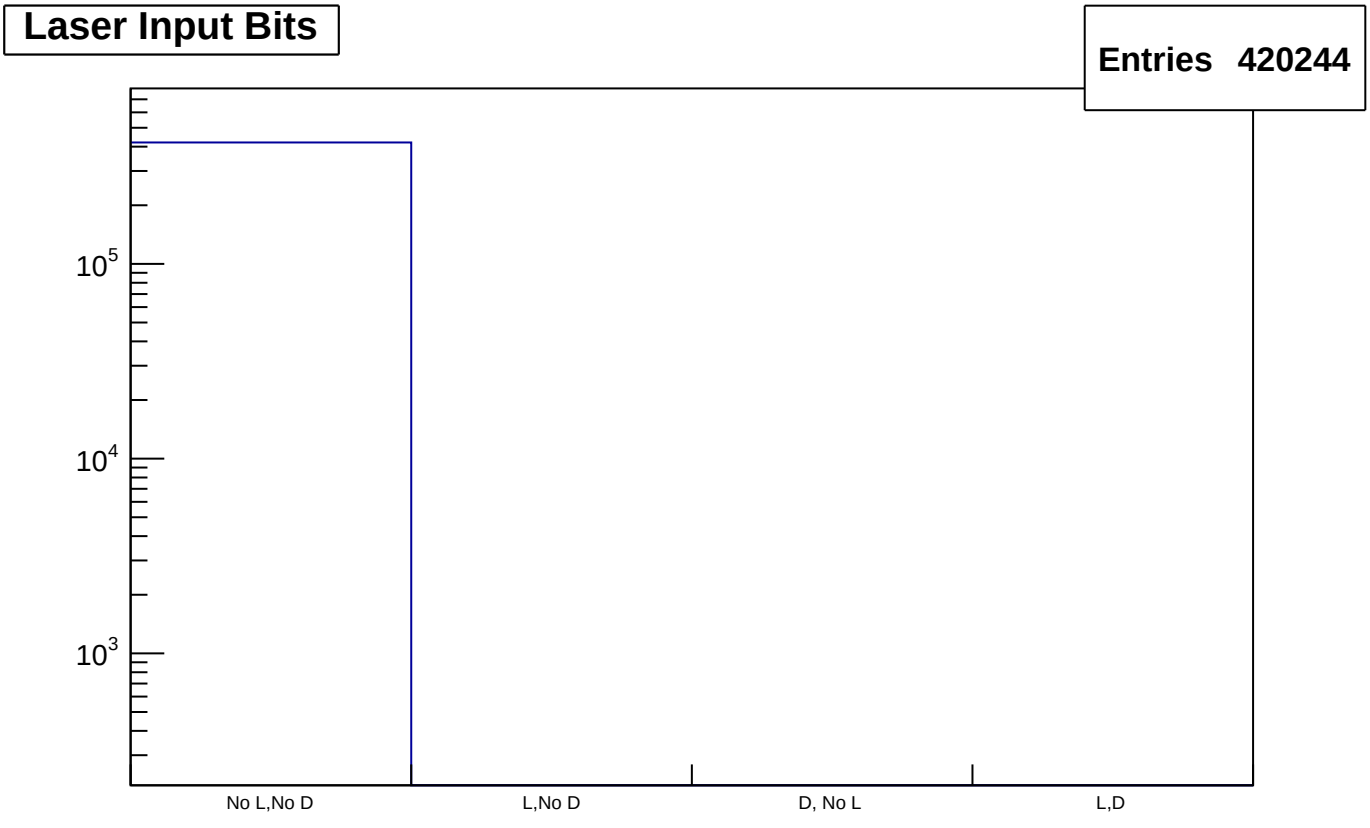

Entries 420244
TOF-Mult
VPD-West ADC Sum

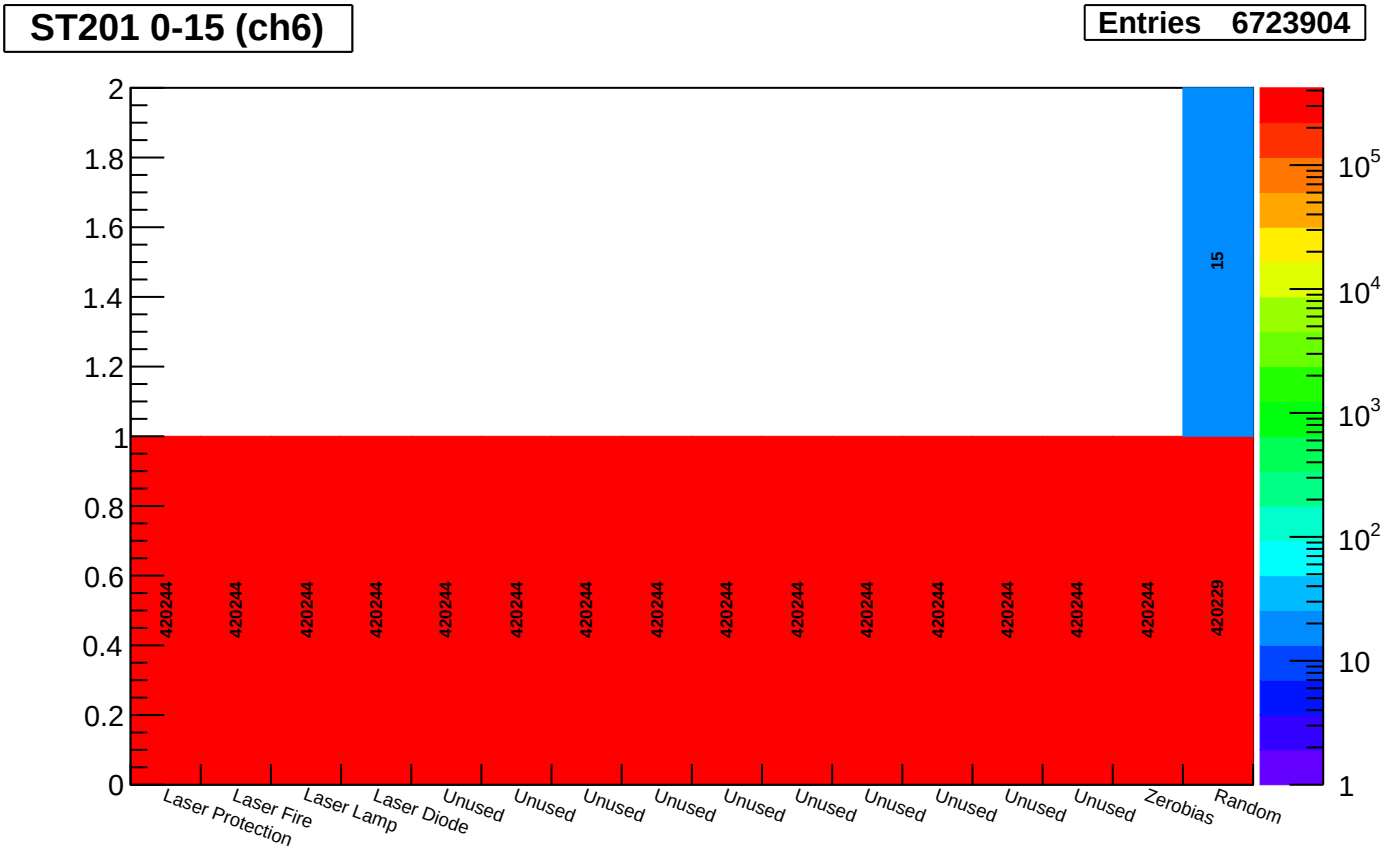

Entries 420244
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

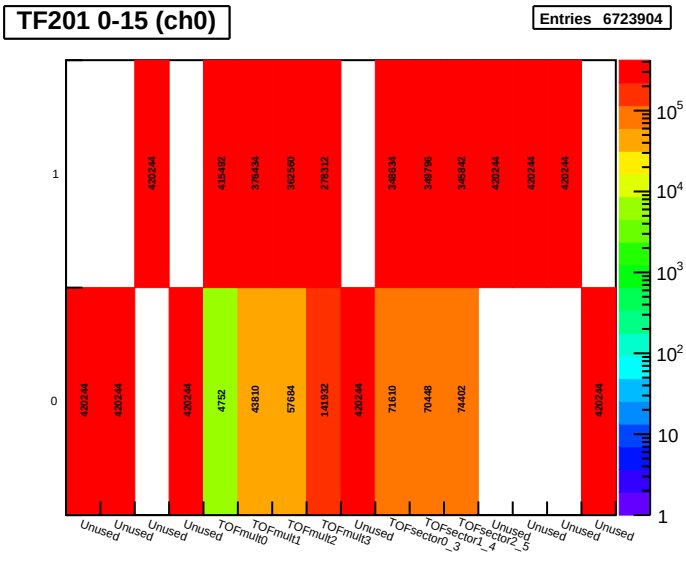

Entries 420244
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

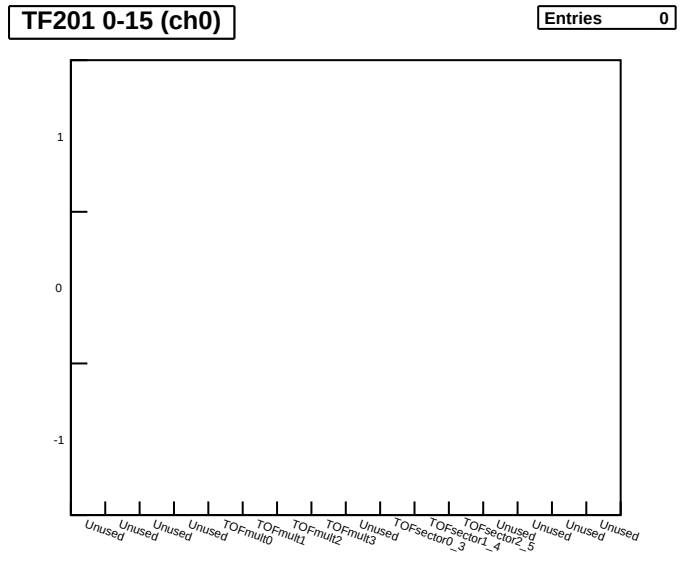

Entries 420244
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

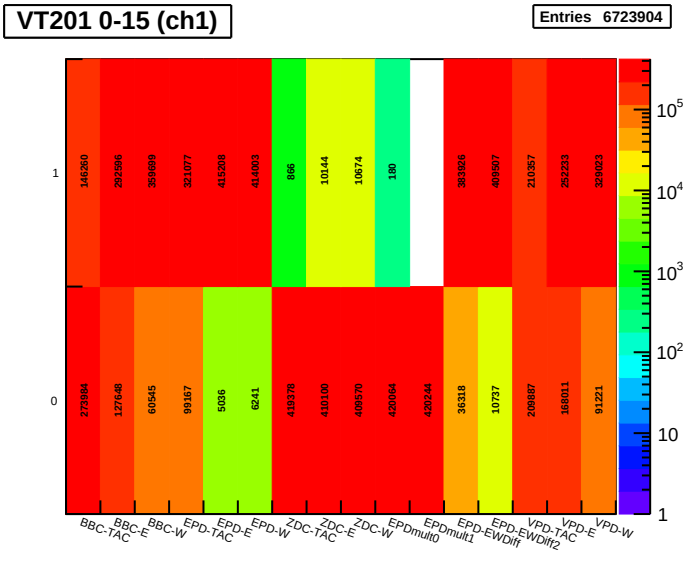

Entries 420244
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

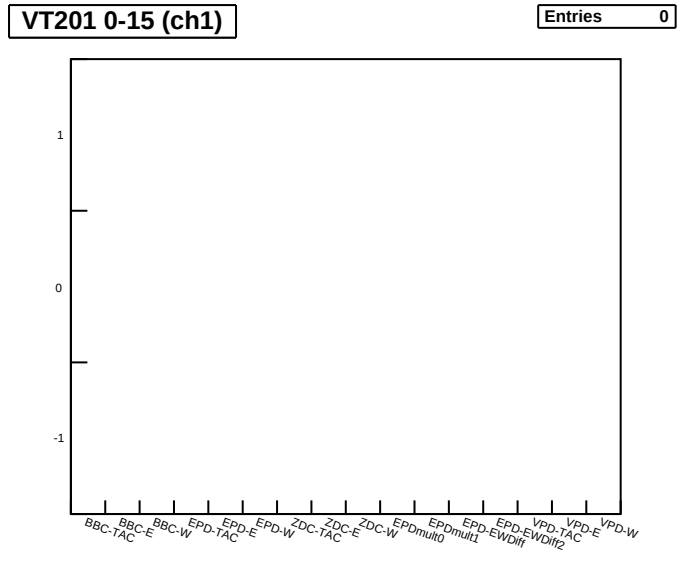

Laser Input Bits
Entries 420244
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

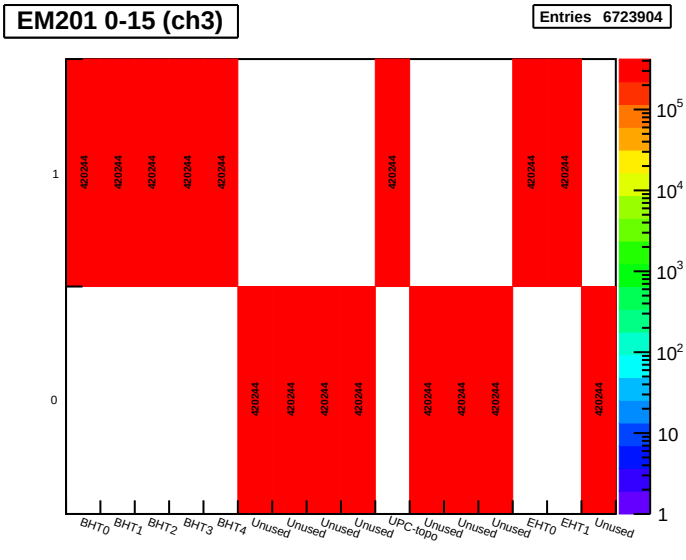

ST201 0-15 (ch6)
Entries 6723904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
420244
420229
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

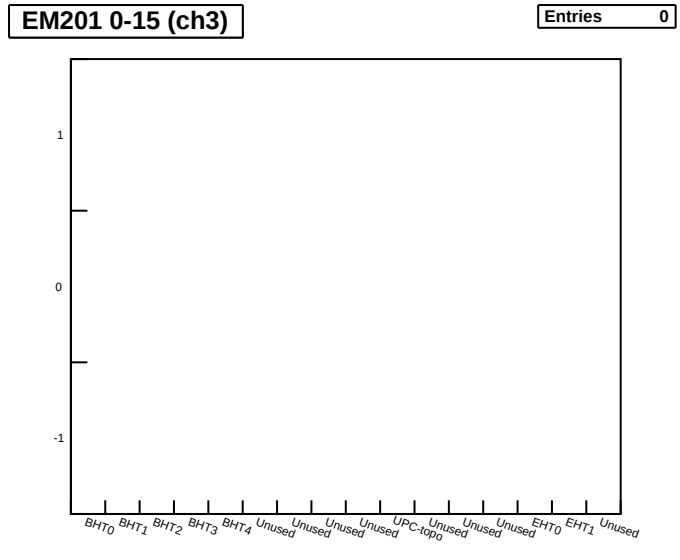

TF201 0-15 (ch0)
Entries 6723904
1
0
420244
415492
376434
362560
278312
348634
349796
345842
420244
420244
420244
420244
420244
4752
43810
57684
141932
420244
71610
70448
74402
420244
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6723904
1
0
146250
292596
359699
321077
415208
414003
866
10144
10674
180
383926
409507
210357
252233
329023
273984
127648
60545
99167
5036
6241
419378
410100
409570
420064
420244
36318
10737
209887
168011
91221
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 6723904
1
0
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
420244
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1