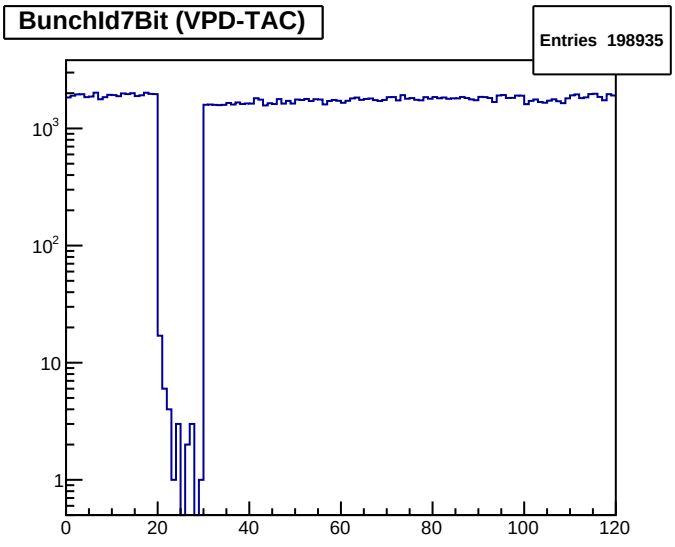
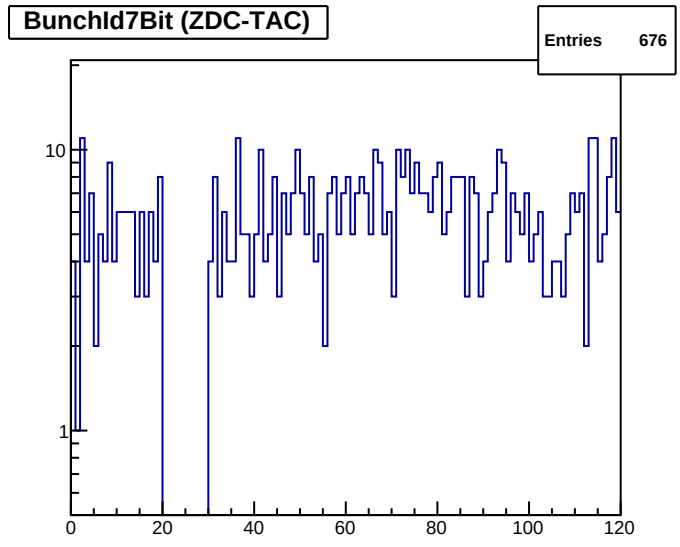
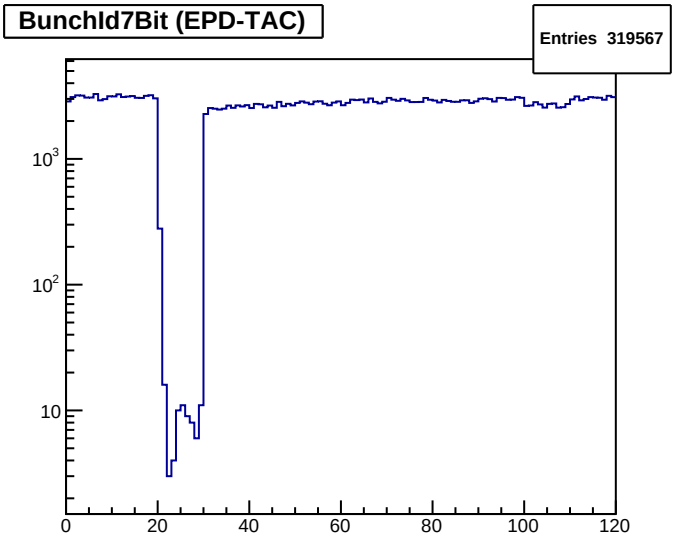
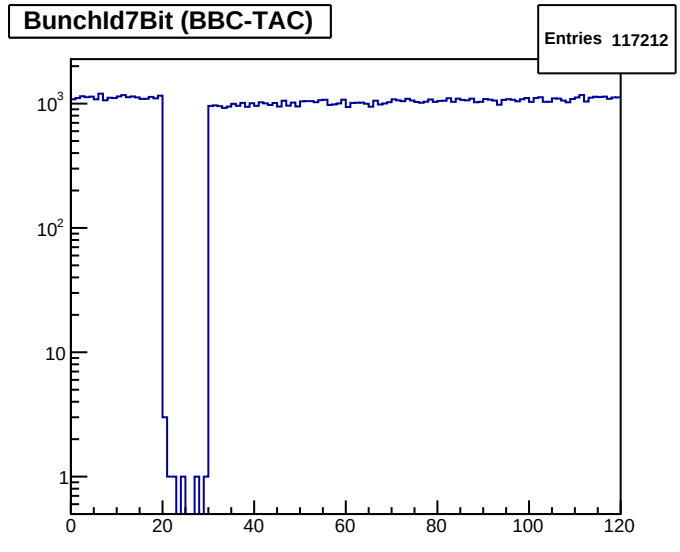
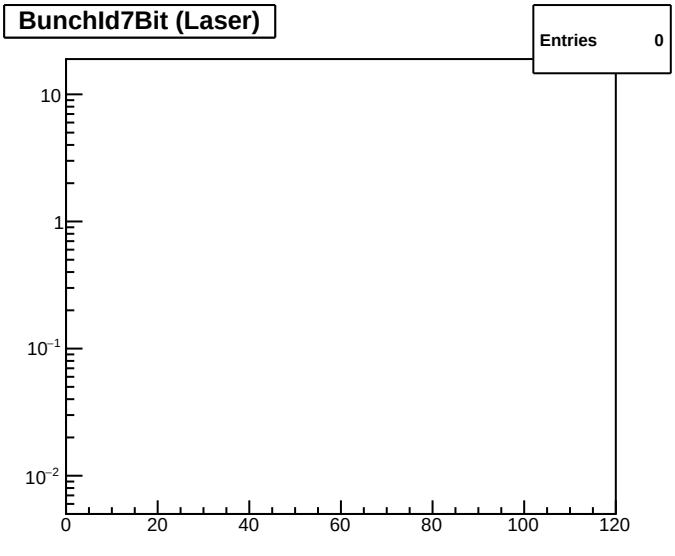
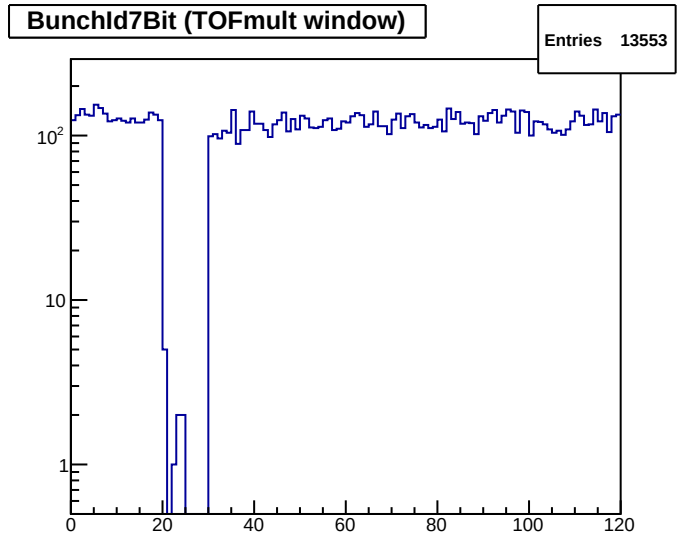

BunchId7Bit (VPD-TAC)
Entries 198935

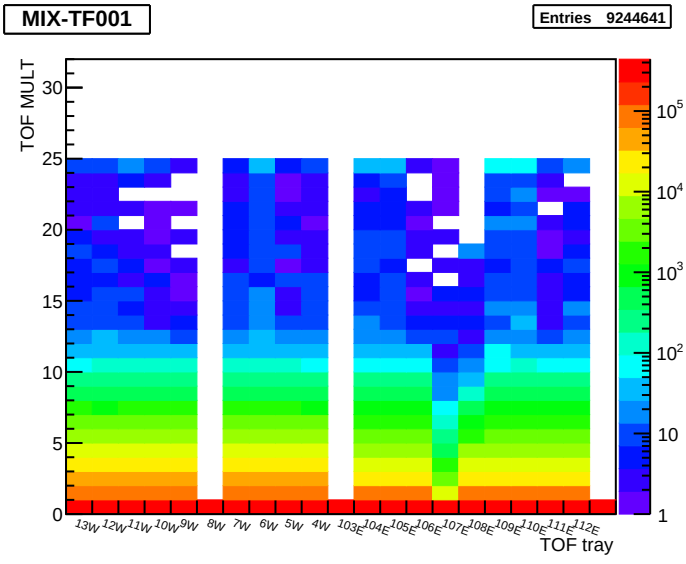

BunchId7Bit (ZDC-TAC)
Entries 676

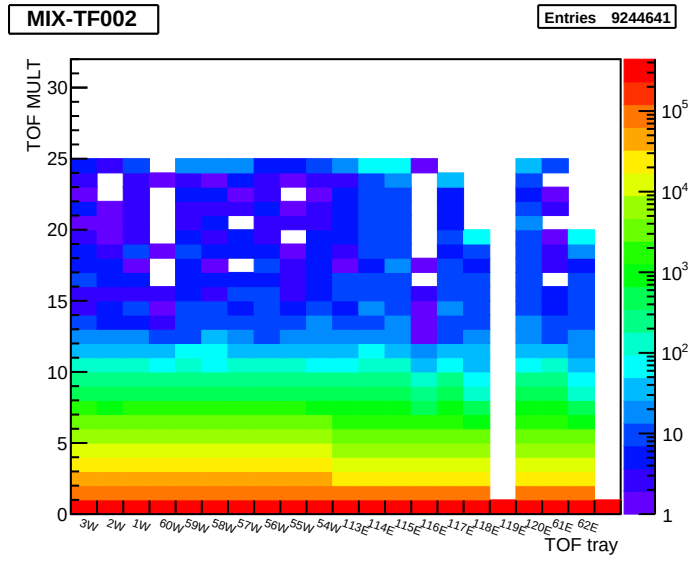

BunchId7Bit (EPD-TAC)
Entries 319567

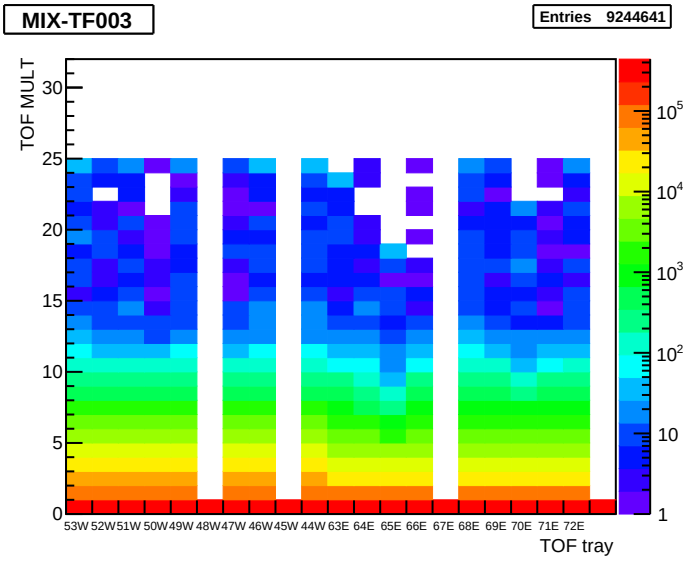

BunchId7Bit (BBC-TAC)
Entries 117212

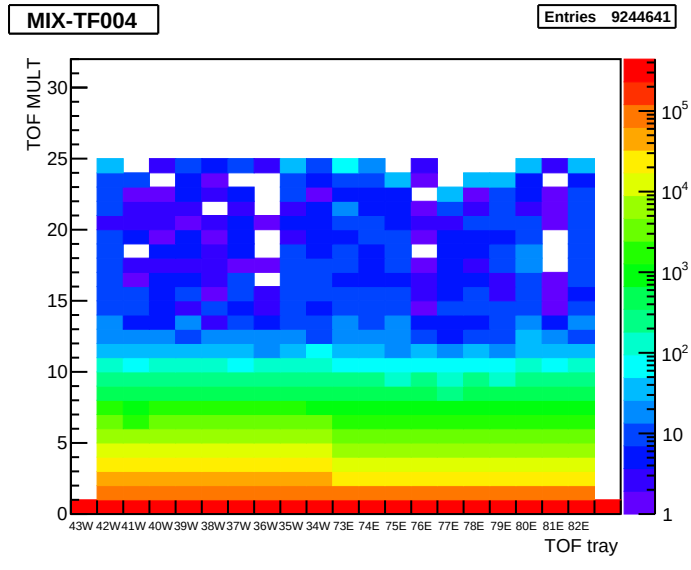

BunchId7Bit (Laser)
Entries 0

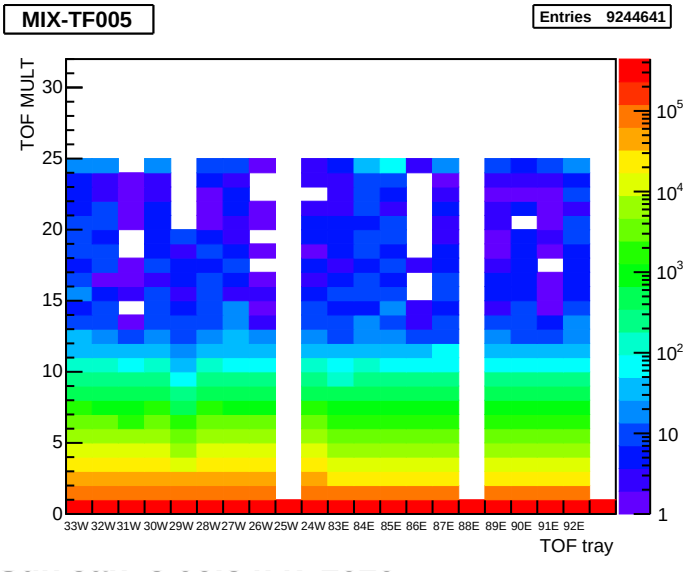

BunchId7Bit (TOFmult window)
Entries 13553

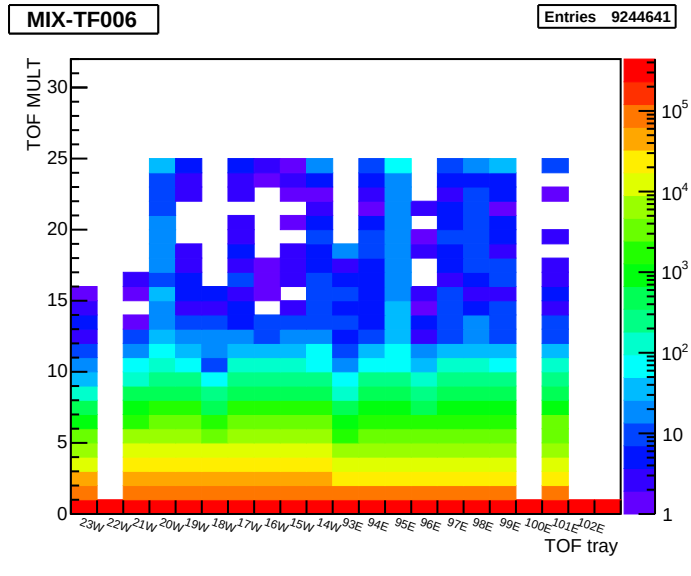

MIX-TF001
Entries 9244641
TOF MULT
TOF tray

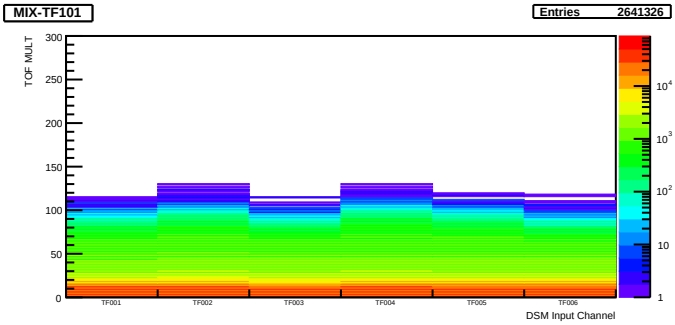

MIX-TF002
Entries 9244641
TOF MULT
TOF tray

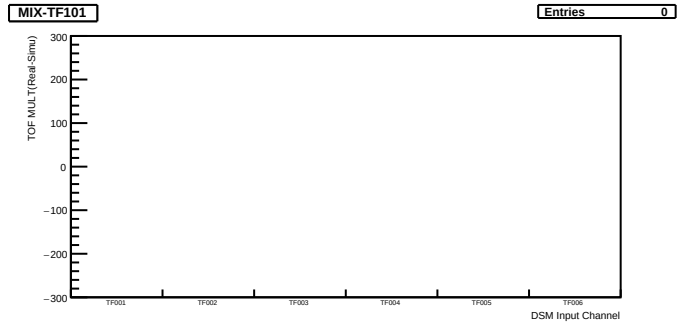

MIX-TF003
Entries 9244641
TOF MULT
TOF tray

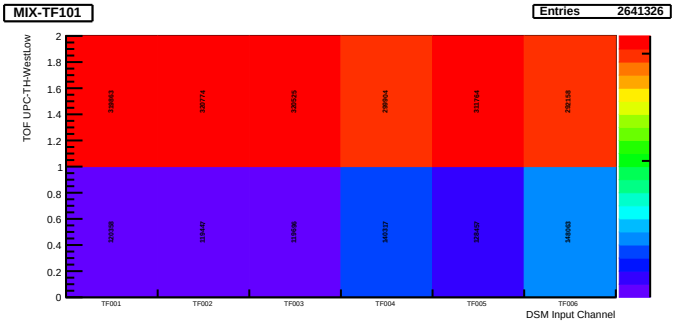

MIX-TF004
Entries 9244641
TOF MULT
TOF tray

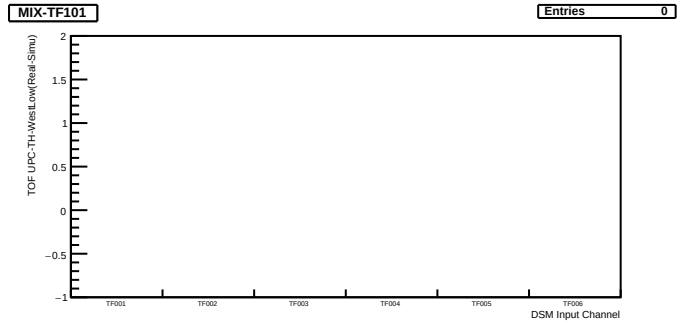

MIX-TF005
Entries 9244641
TOF MULT
TOF tray

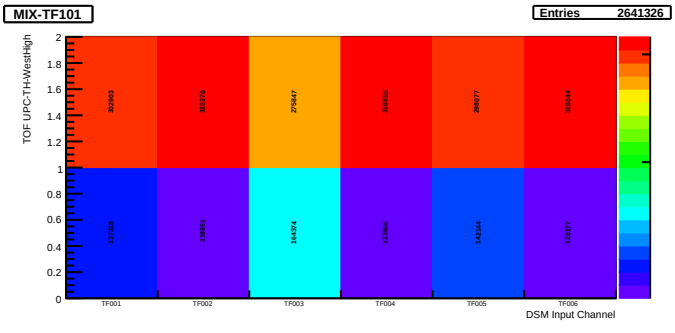

MIX-TF006
Entries 9244641
TOF MULT
TOF tray

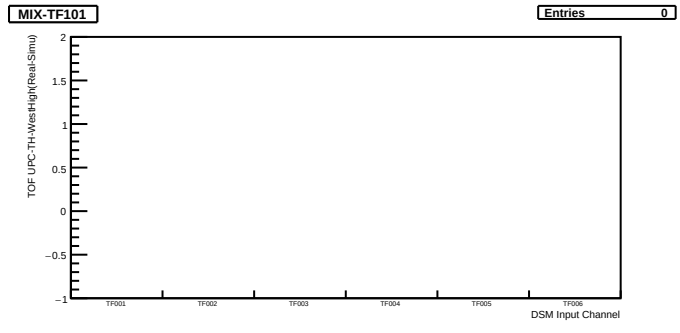

MIX-TF101
Entries 2641326
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

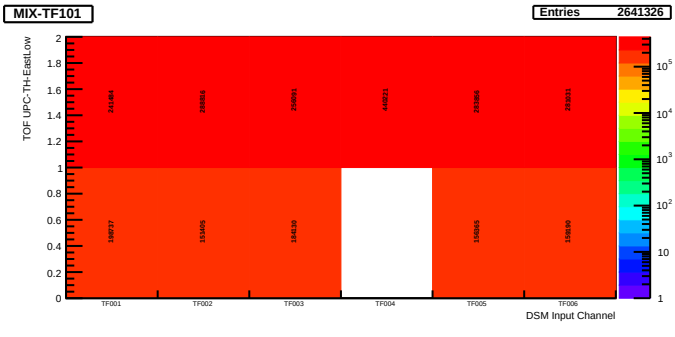

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

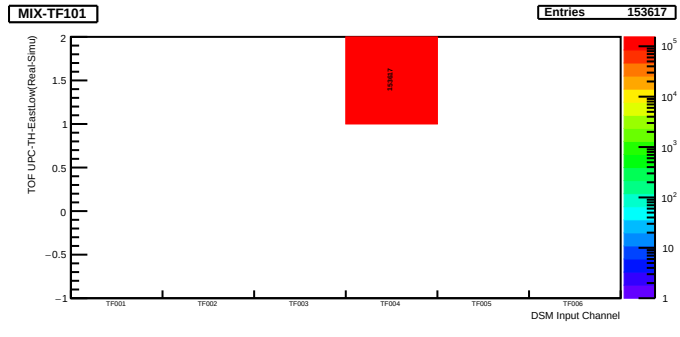

MIX-TF101
Entries 2641326
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

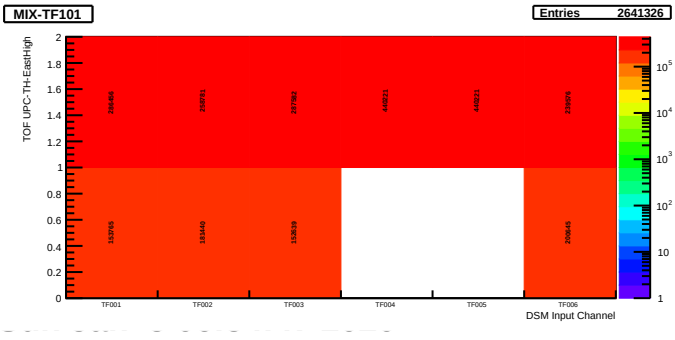

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

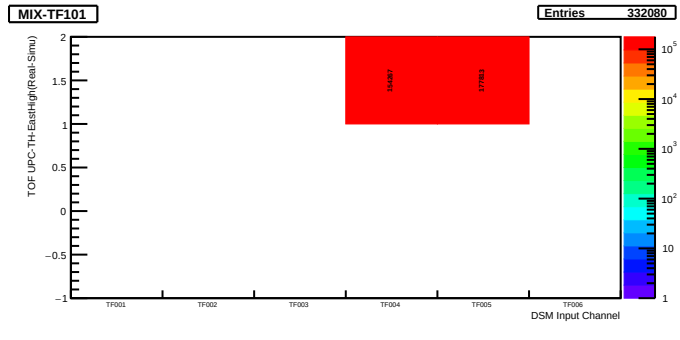

MIX-TF101
Entries 2641326
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

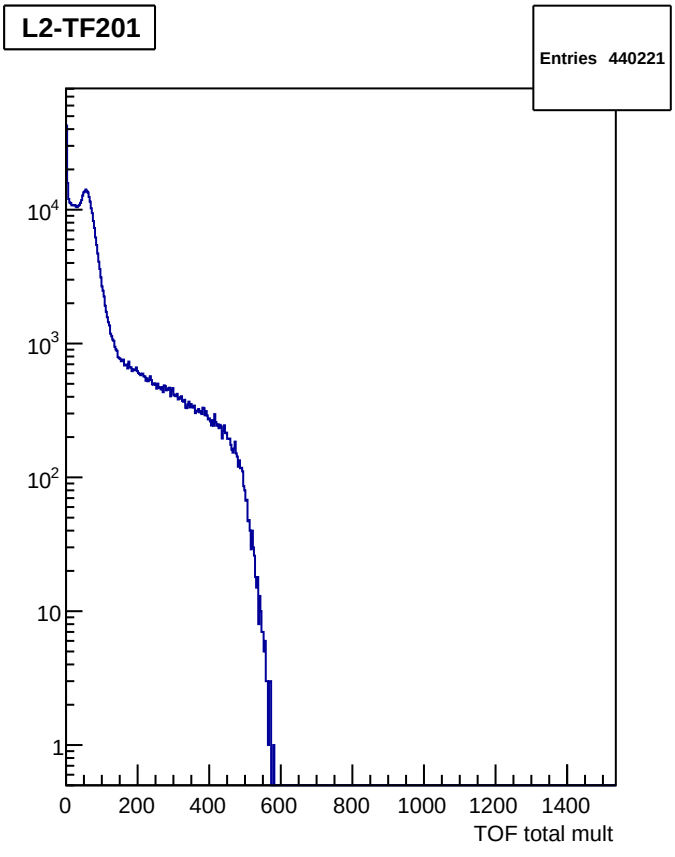

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

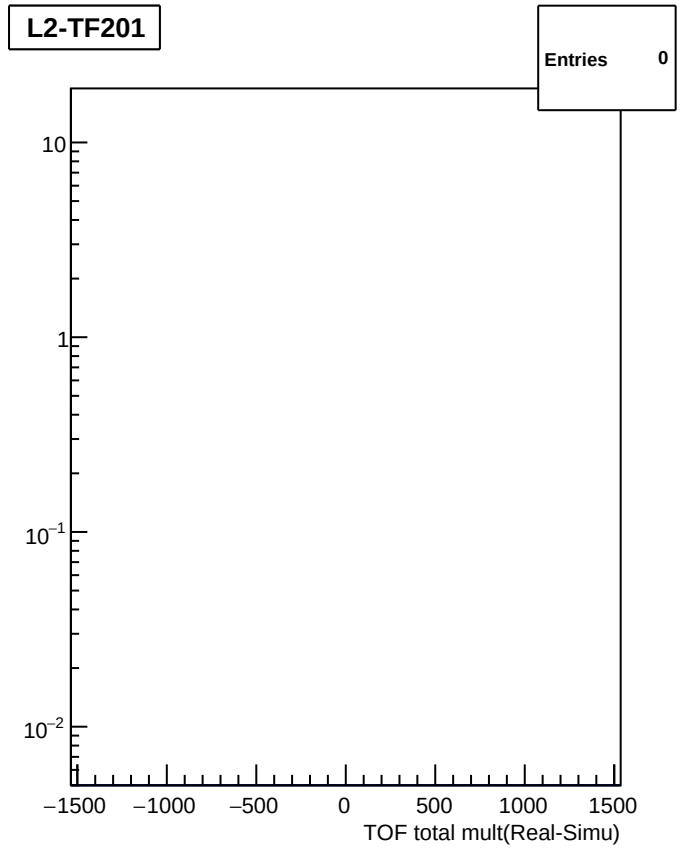

MIX-TF101
Entries 2641326
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

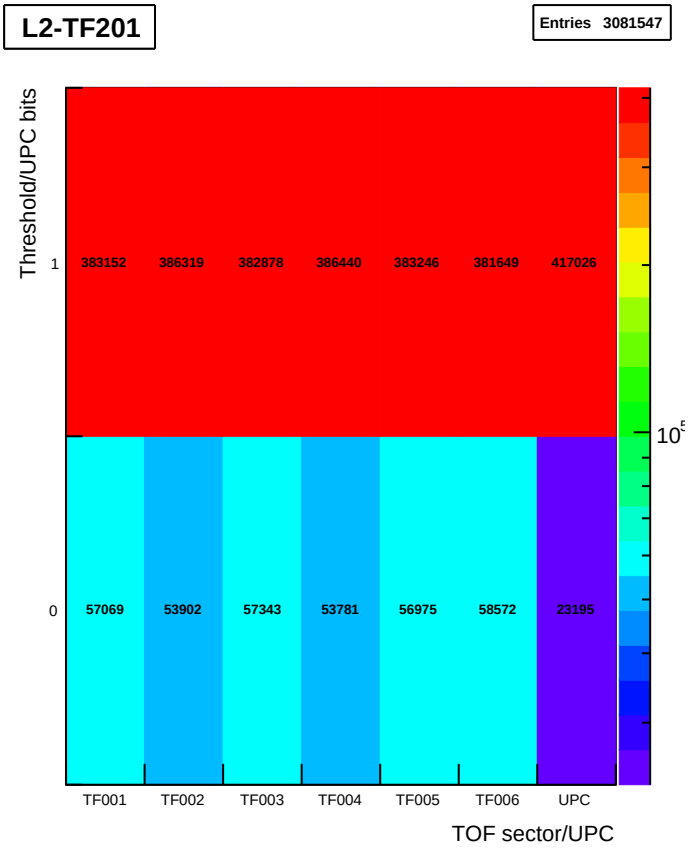

MIX-TF101
Entries 153617
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

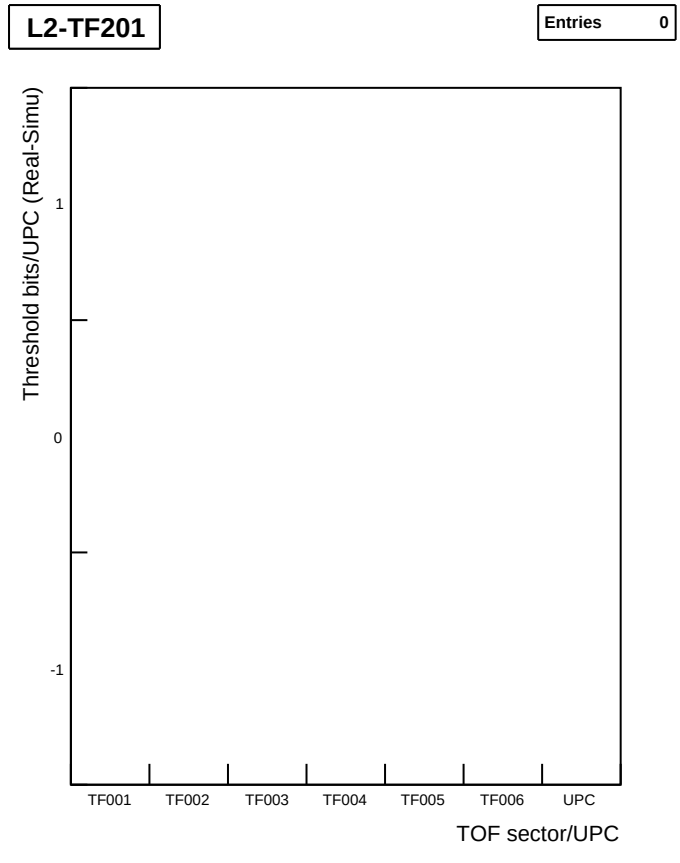

MIX-TF101
Entries 2641326
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

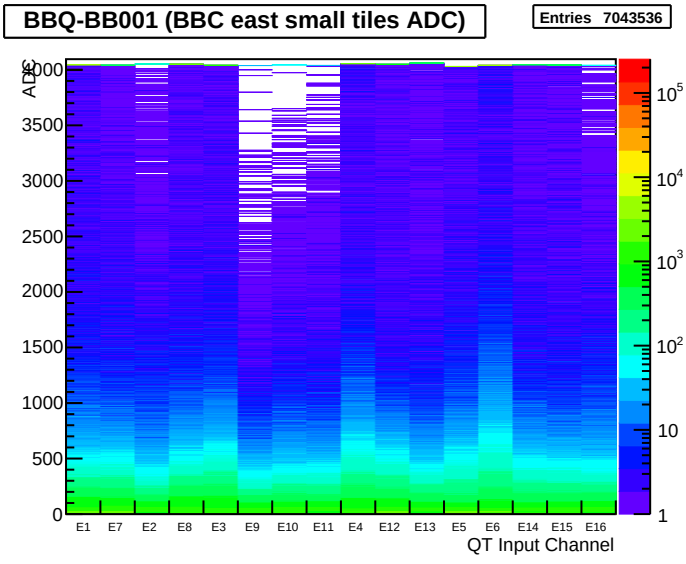

MIX-TF101
Entries 332080
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

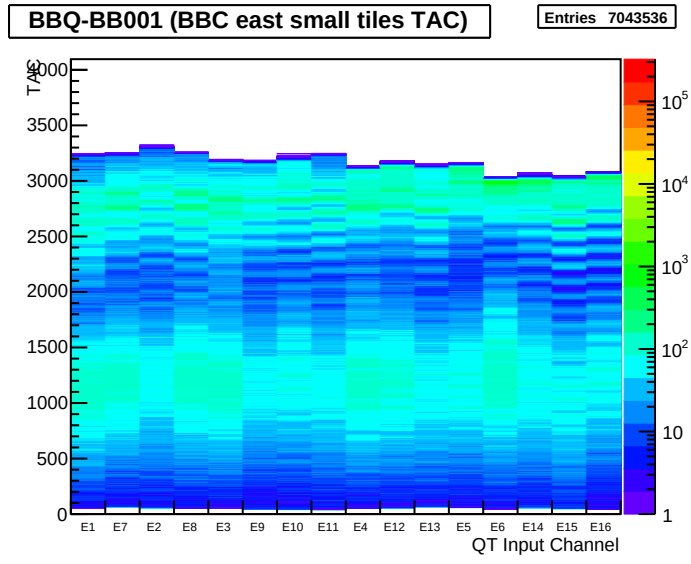

L2-TF201
Entries 440221
TOF total mult

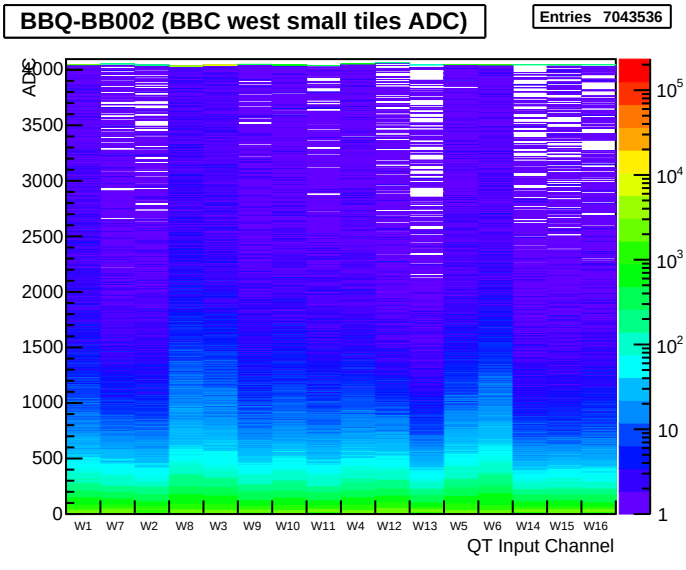

L2-TF201
Entries 0
TOF total mult(Real-Simu)

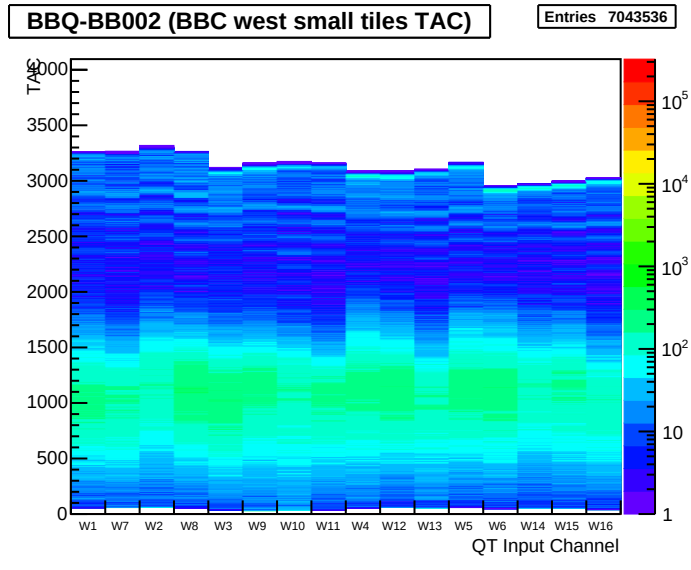

L2-TF201
Entries 3081547
Threshold/UPC bits
383152
386319
382878
386440
383246
381649
417026
57069
53902
57343
53781
56975
58572
23195
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

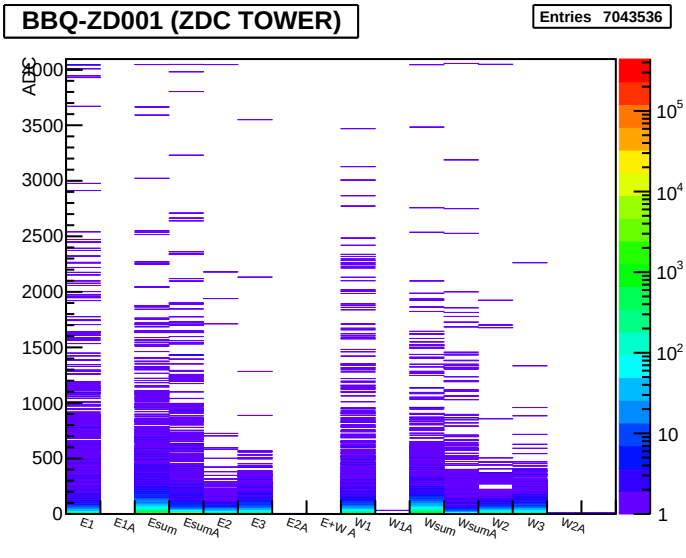

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

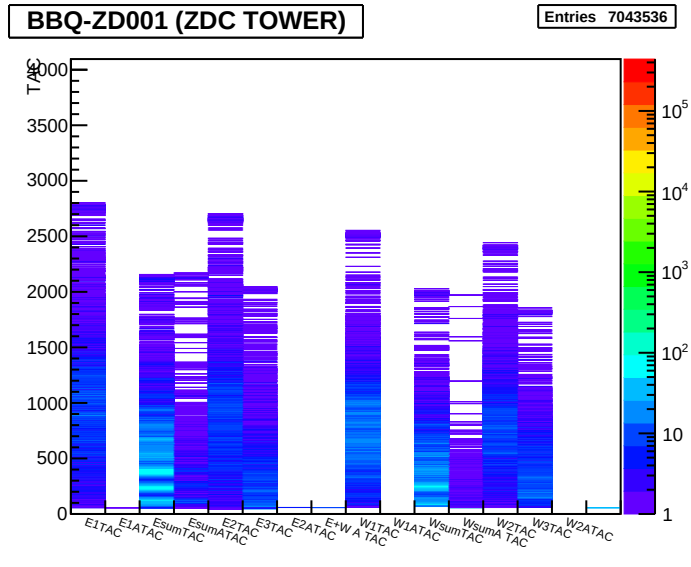

BBQ-BB001 (BBC east small tiles ADC)
Entries 7043536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

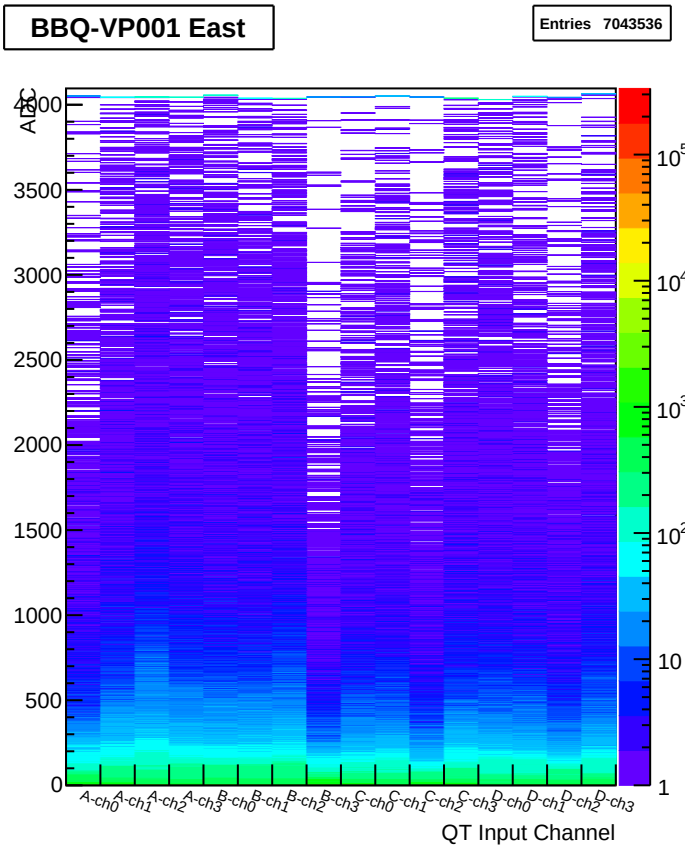

BBQ-BB001 (BBC east small tiles TAC)
Entries 7043536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

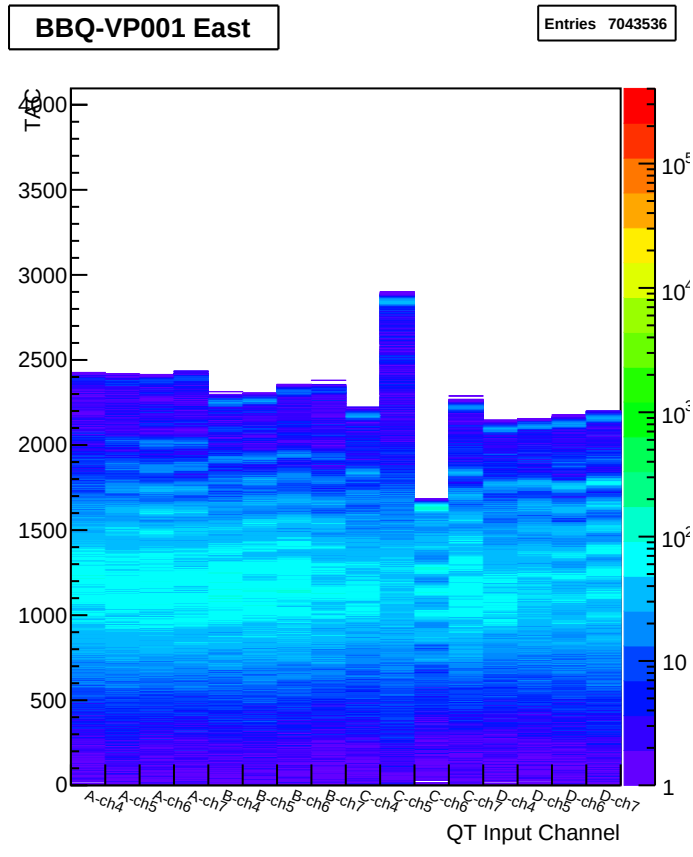

BBQ-BB002 (BBC west small tiles ADC)
Entries 7043536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

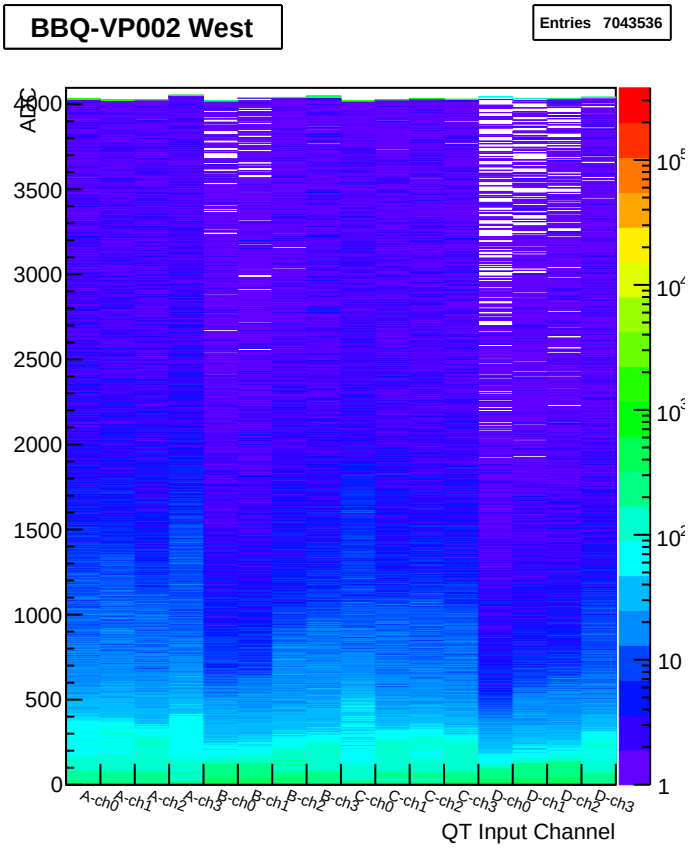

BBQ-BB002 (BBC west small tiles TAC)
Entries 7043536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

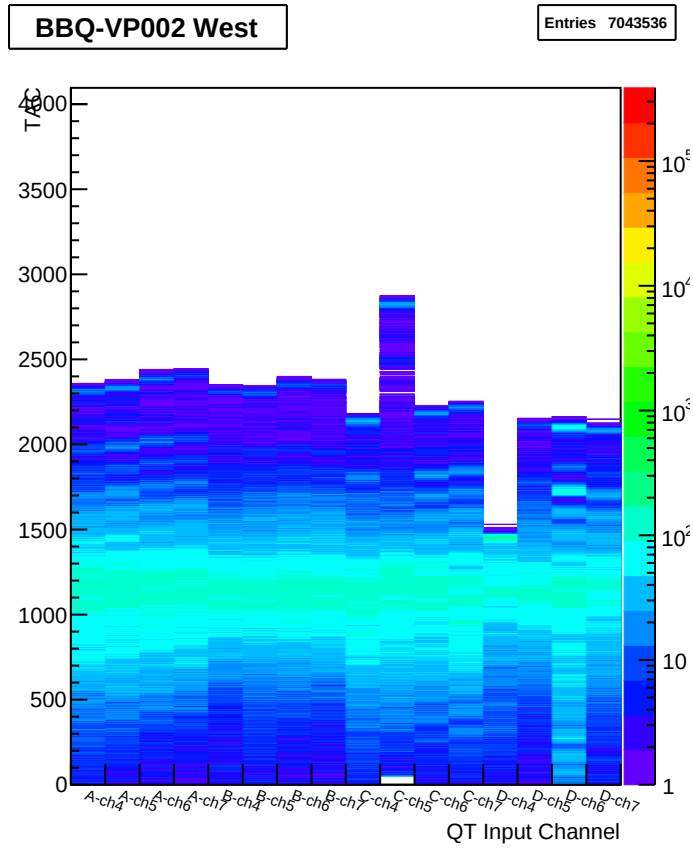

BBQ-ZD001 (ZDC TOWER)
Entries 7043536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

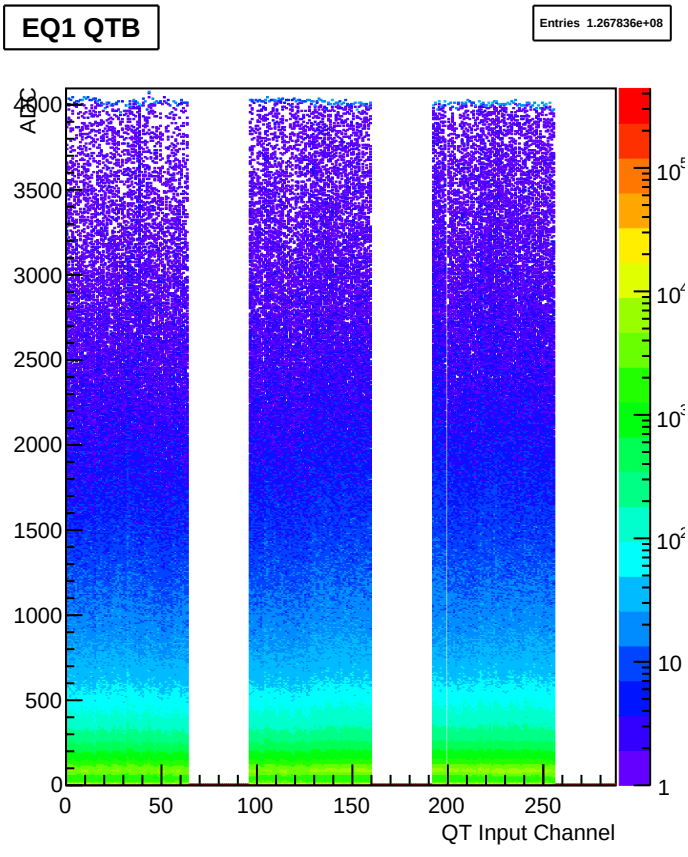

BBQ-ZD001 (ZDC TOWER)
Entries 7043536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

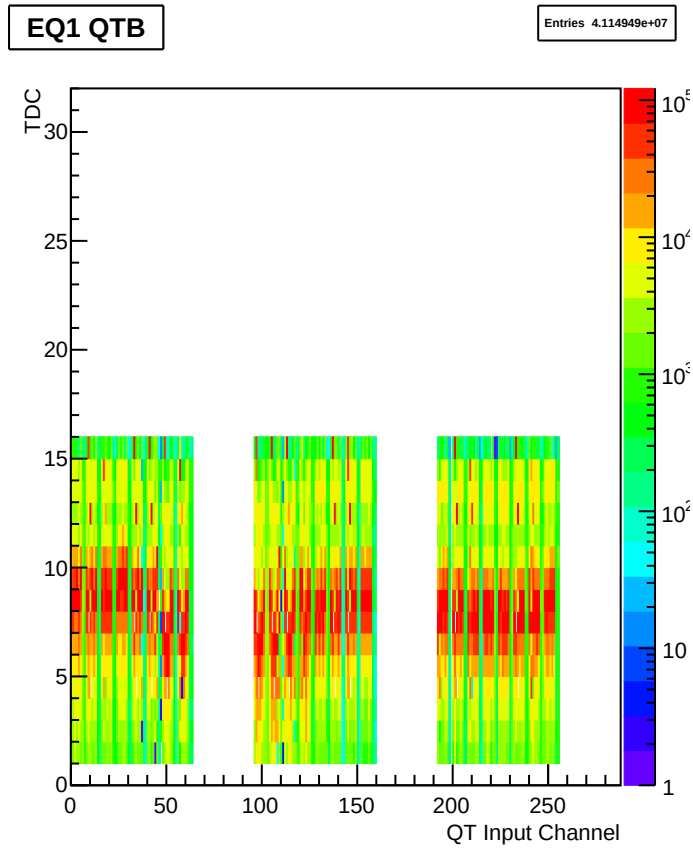

BBQ-VP001 East
Entries 7043536
ADC
QT Input Channel

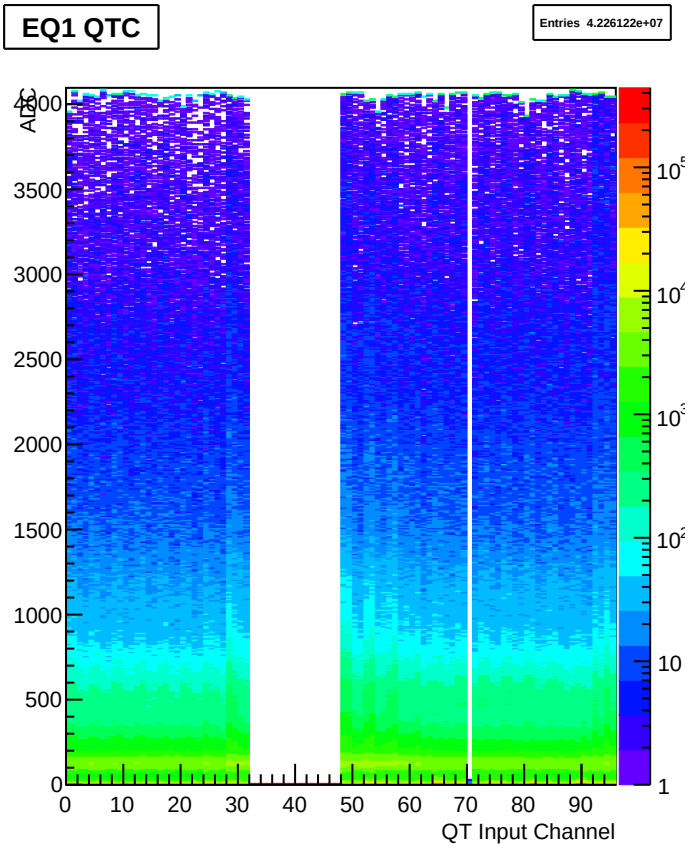

BBQ-VP001 East
Entries 7043536
ADC
QT Input Channel

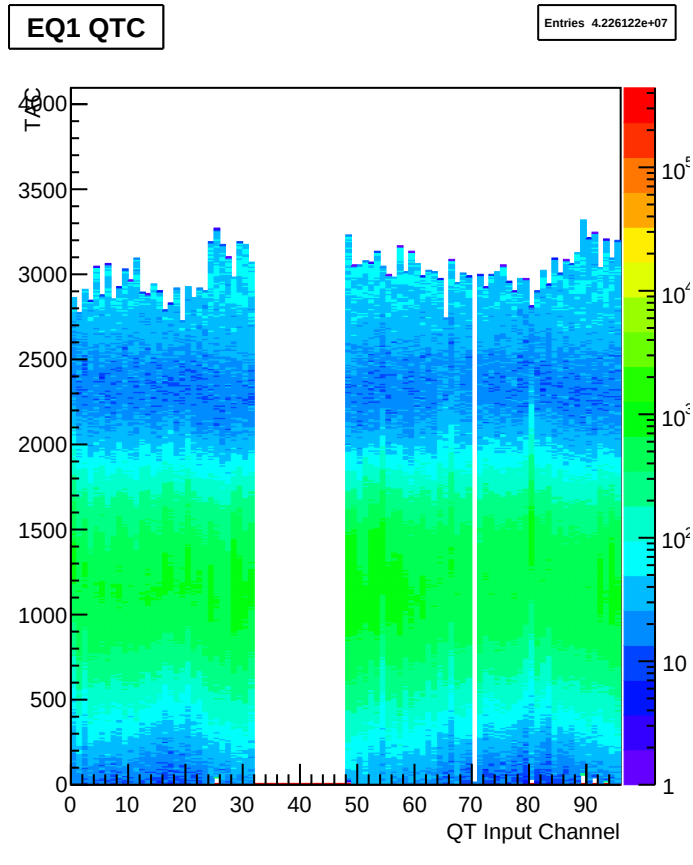

BBQ-VP002 West
Entries 7043536
ADC
QT Input Channel

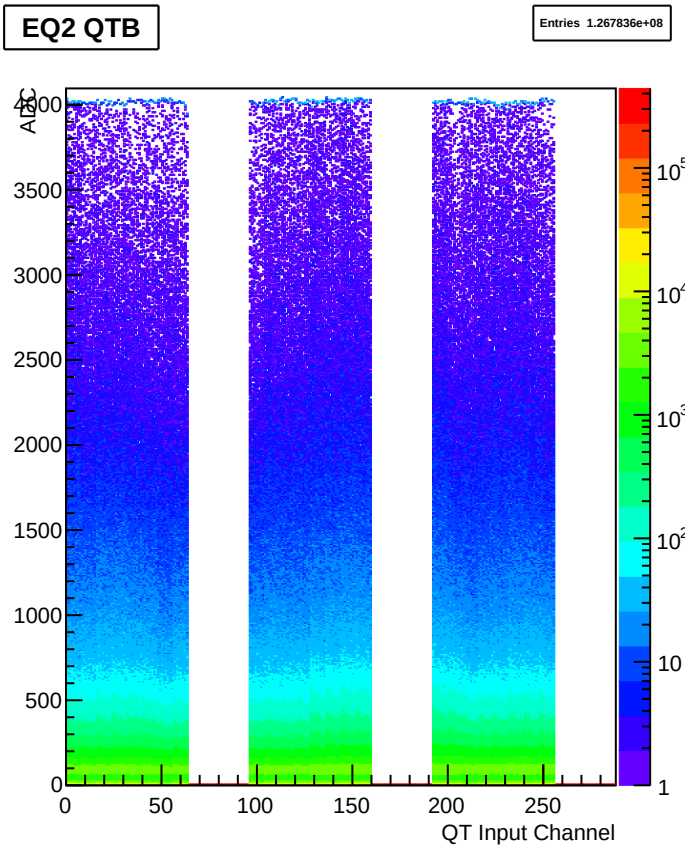

BBQ-VP002 West
Entries 7043536
ADC
QT Input Channel

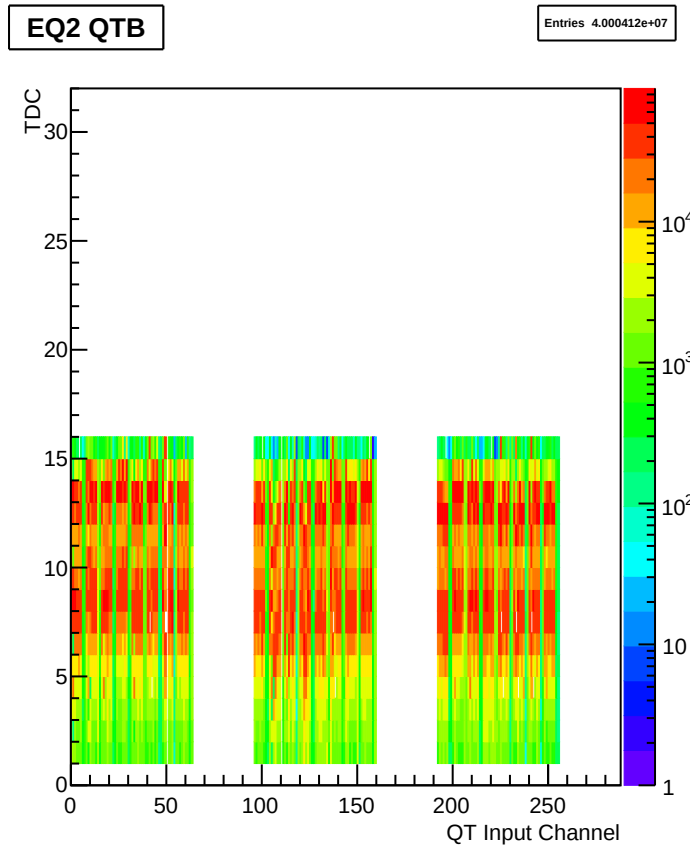

EQ1 QTB
Entries 1.267836e+08
ADC
QT Input Channel

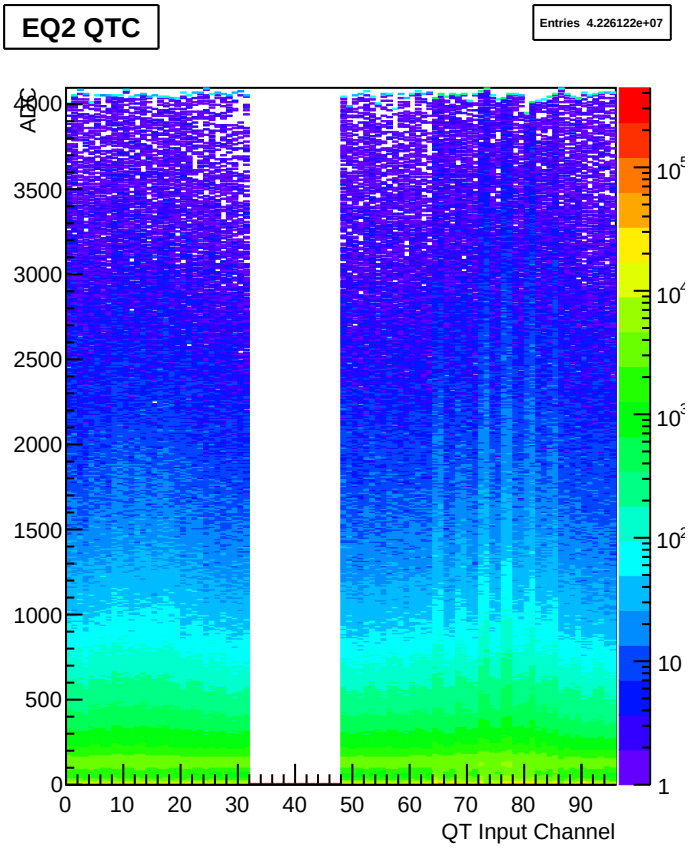

EQ1 QTB
Entries 4.114949e+07
TDC
QT Input Channel

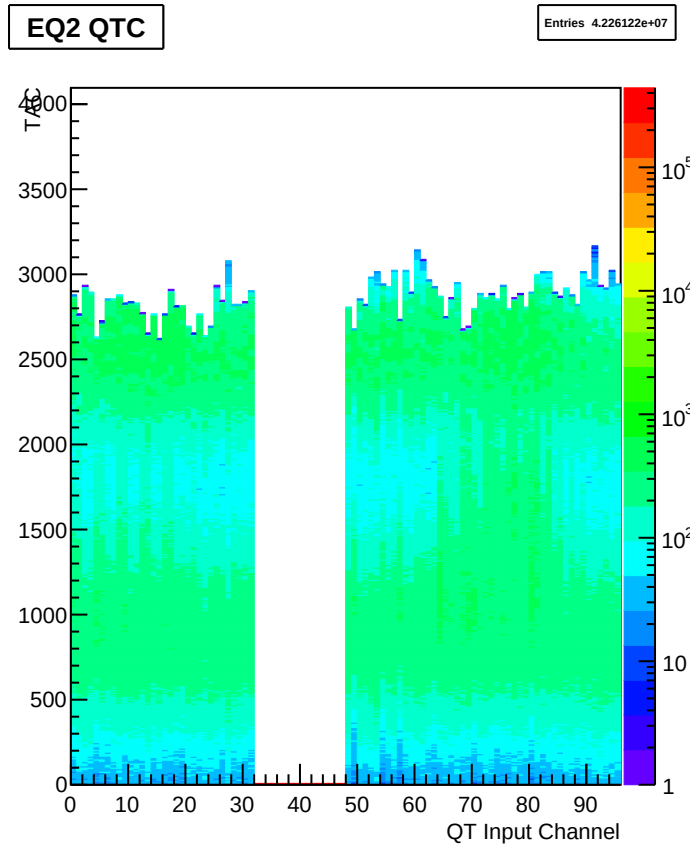

EQ1 QTC
Entries 4.226122e+07
ADC
QT Input Channel

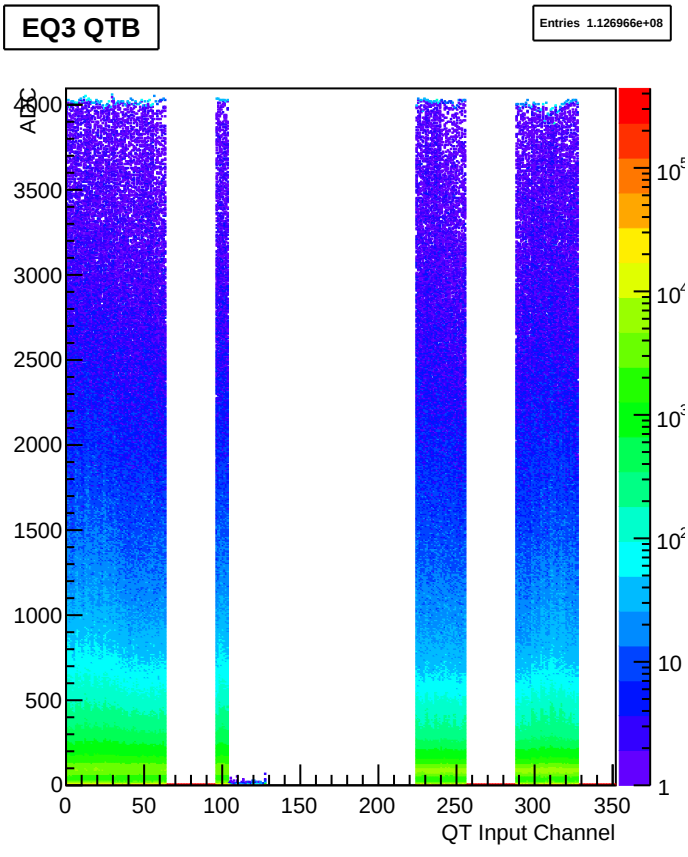

EQ1 QTC
Entries 4.226122e+07
TADC
QT Input Channel

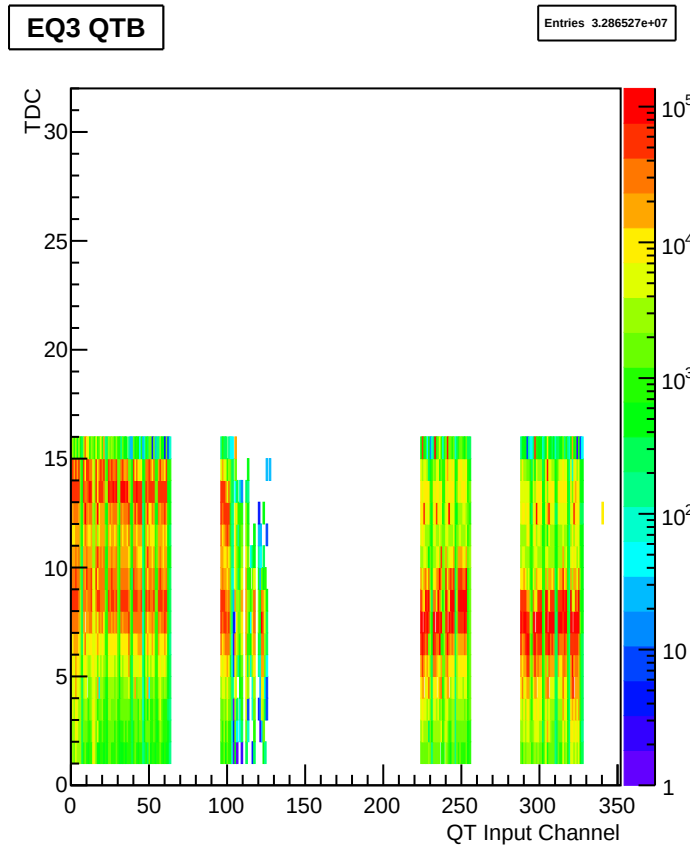

EQ2 QTB
Entries 1.267836e+08
ADC
QT Input Channel

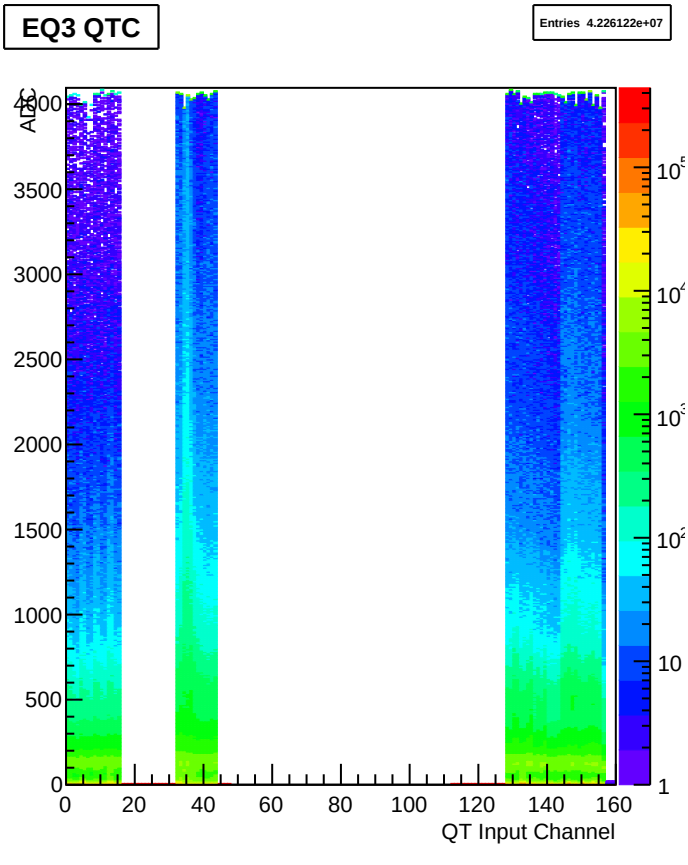

EQ2 QTB
Entries 4.000412e+07
TDC
QT Input Channel

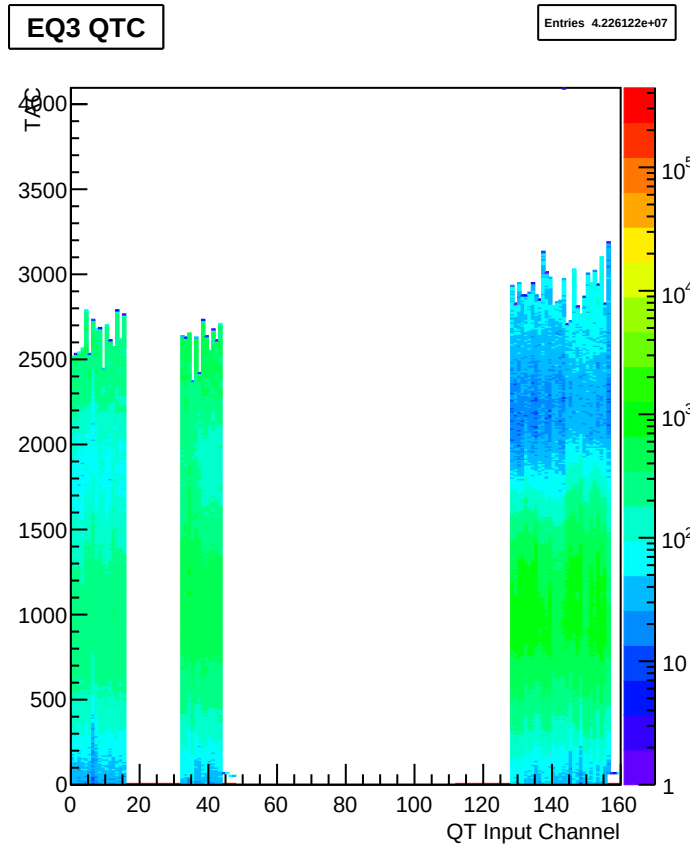

EQ2 QTC
Entries 4.226122e+07
ADC
QT Input Channel

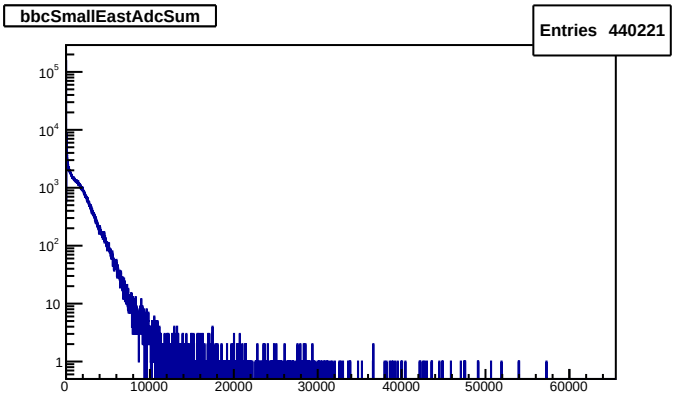

EQ2 QTC
Entries 4.226122e+07
TADC
QT Input Channel

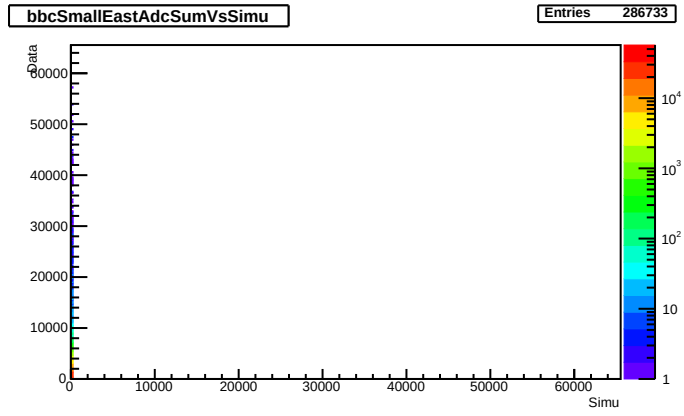

EQ3 QTB
Entries 1.126966e+08
ADC
QT Input Channel

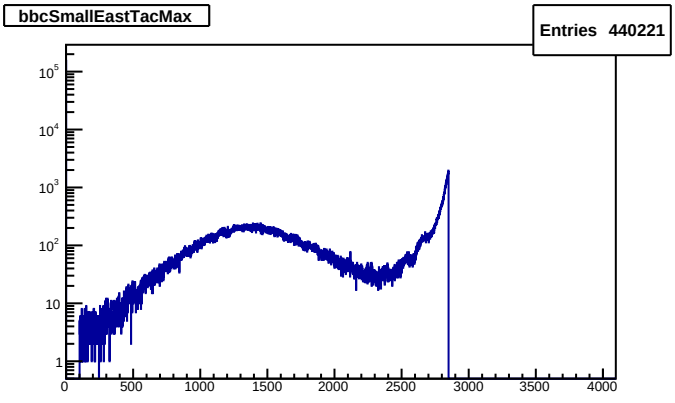

EQ3 QTB
Entries 3.286527e+07
TDC
QT Input Channel

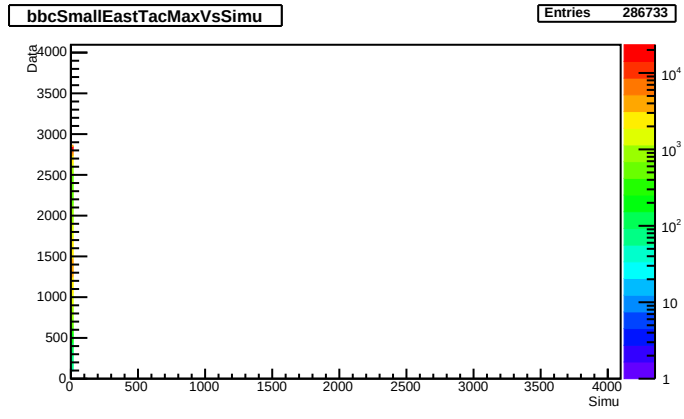

EQ3 QTC
Entries 4.226122e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.226122e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 440221


bbcSmallEastAdcSumVsSimu
Entries 286733
Data
Simu


bbcSmallEastTacMax
Entries 440221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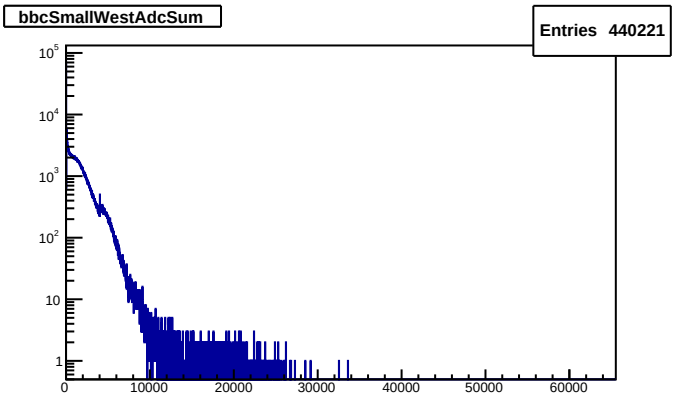
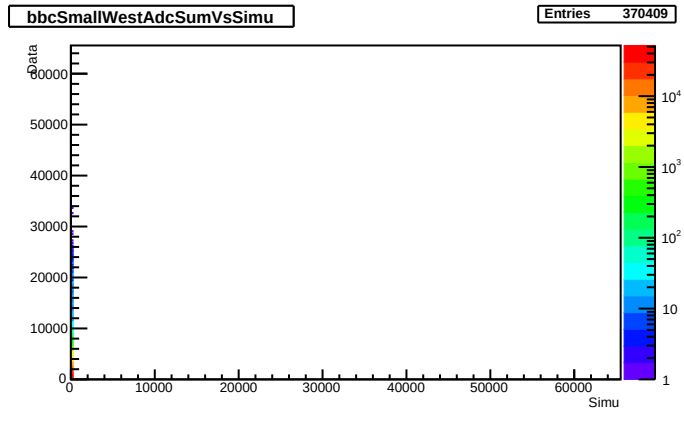
Entries 286733
Data
Simu


bbcSmallWestAdcSum
Entries 440221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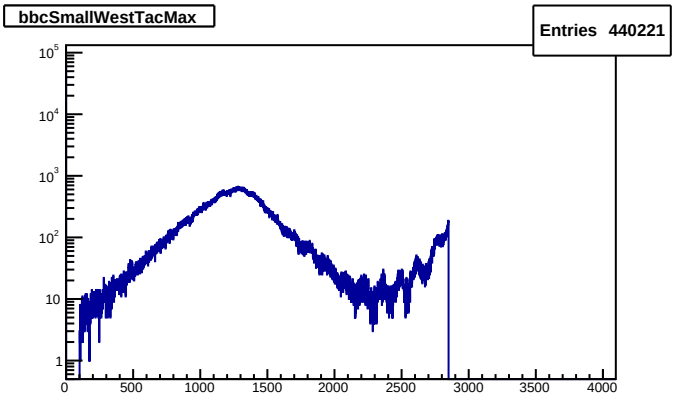
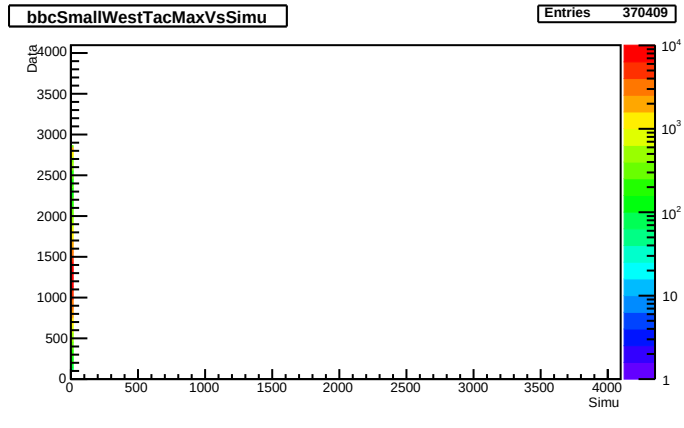
Entries 370409
Data
Simu


bbcSmallWestTacMax
Entries 440221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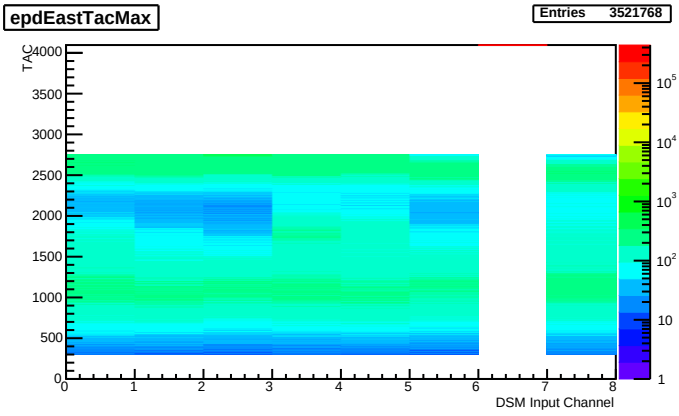
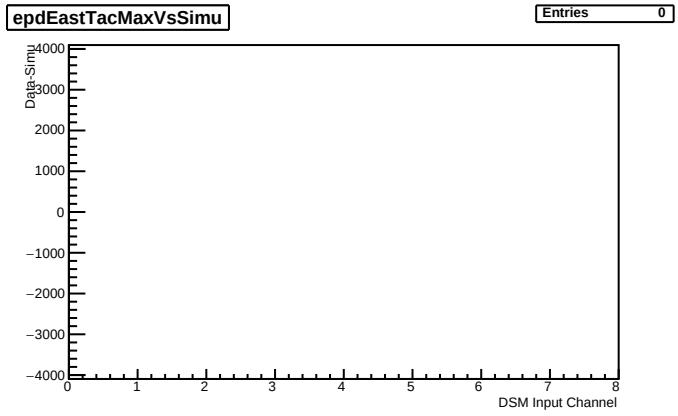
Entries 370409
Data
Simu


epdEastTacMax
Entries 3521768
TAC
DSM Input Channel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Entries 0
Data-Simu
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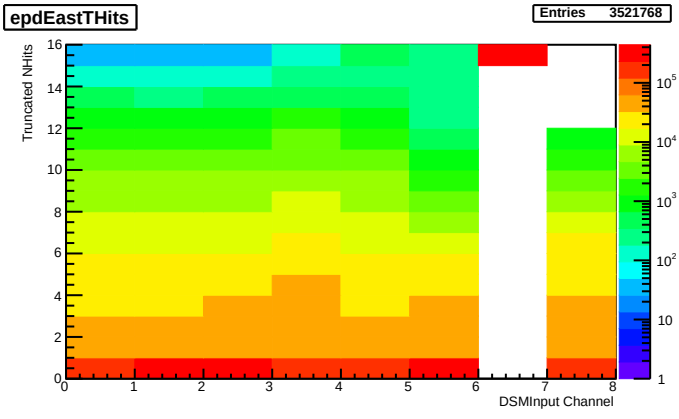
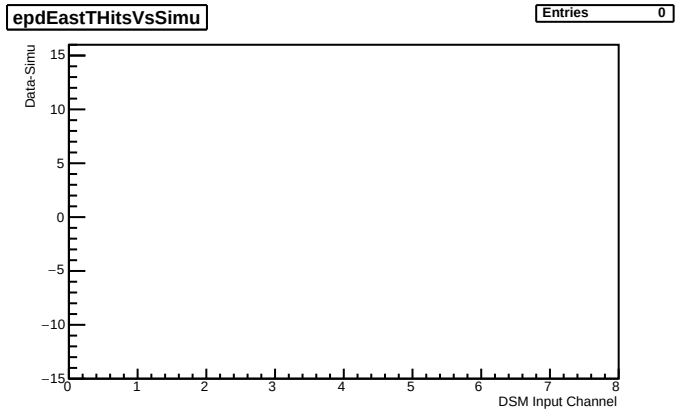

epdEastTHits
Entries 3521768
Truncated NHits
DSMInput Channel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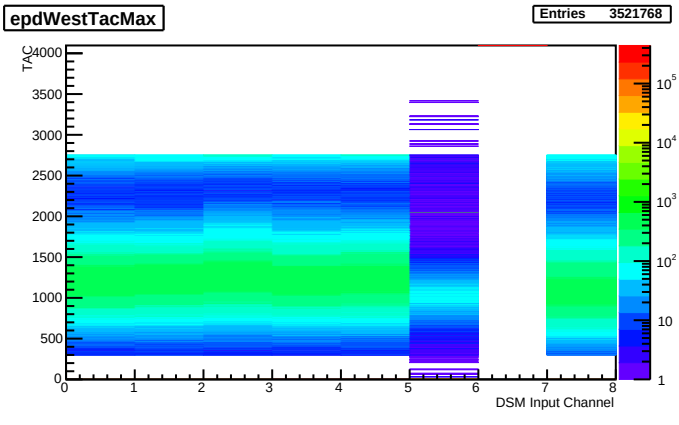
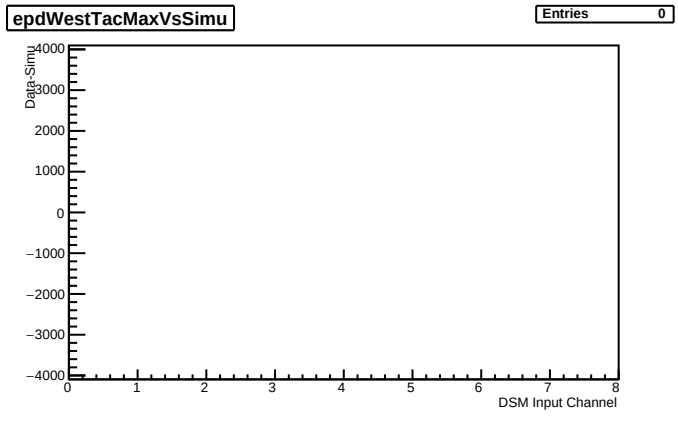
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3521768
TAC
DSM Input Channel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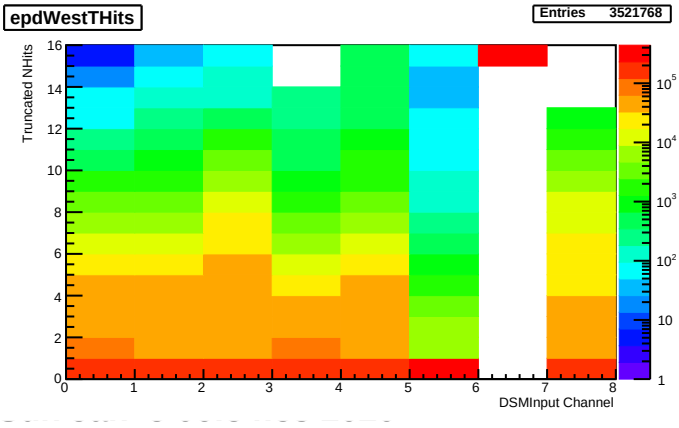
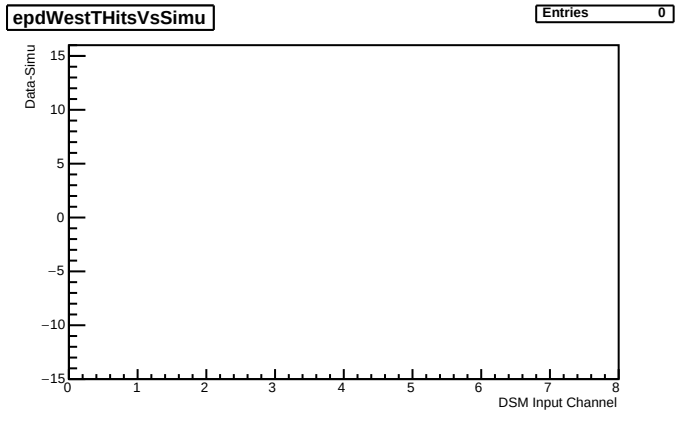
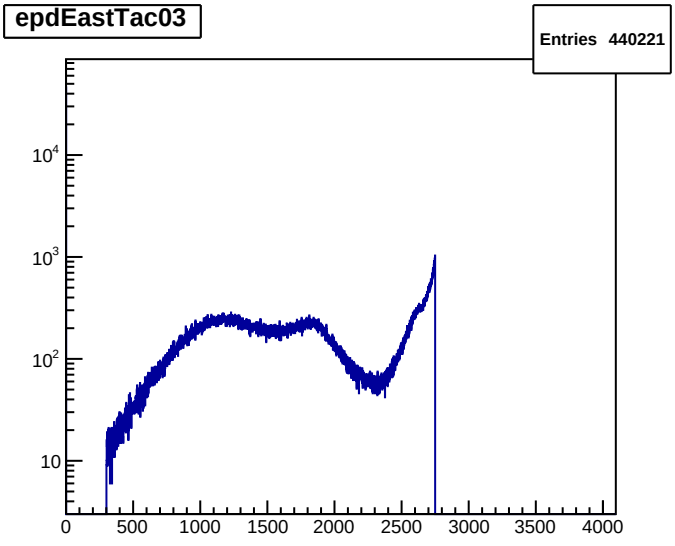
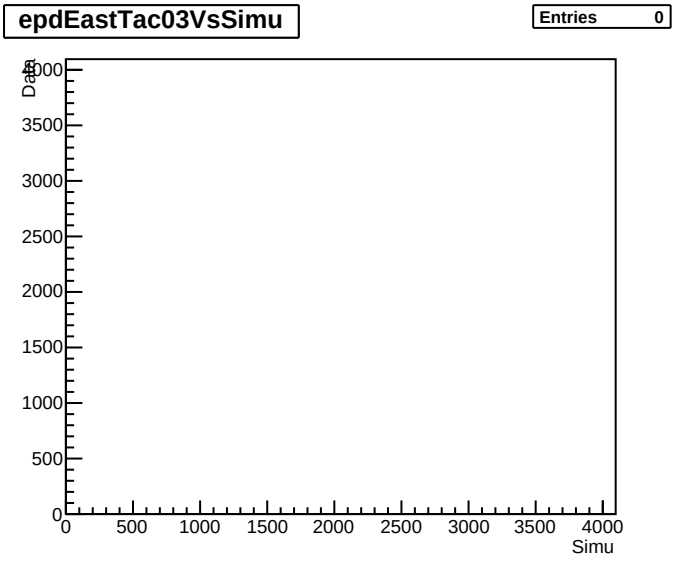
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3521768
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 440221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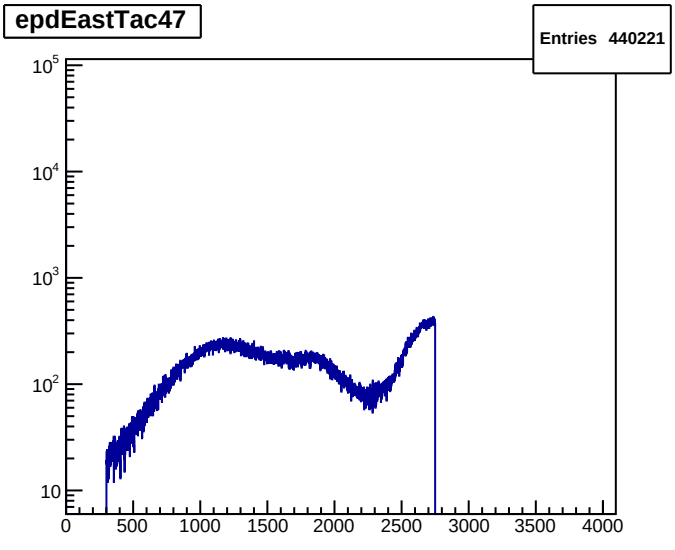
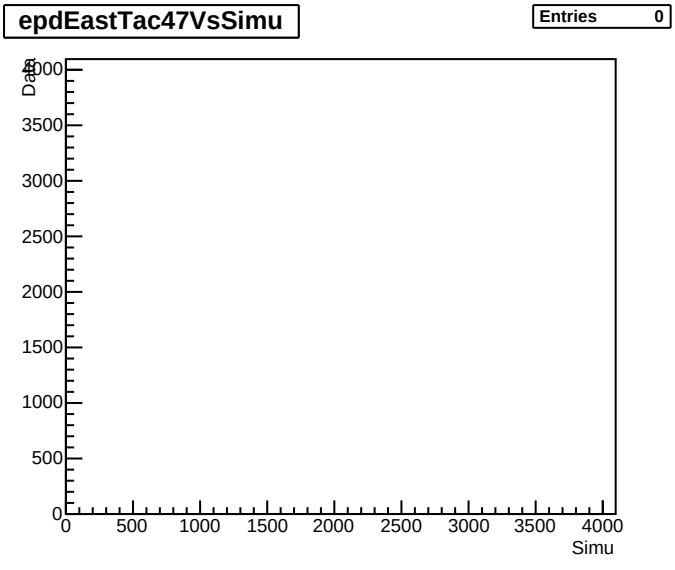
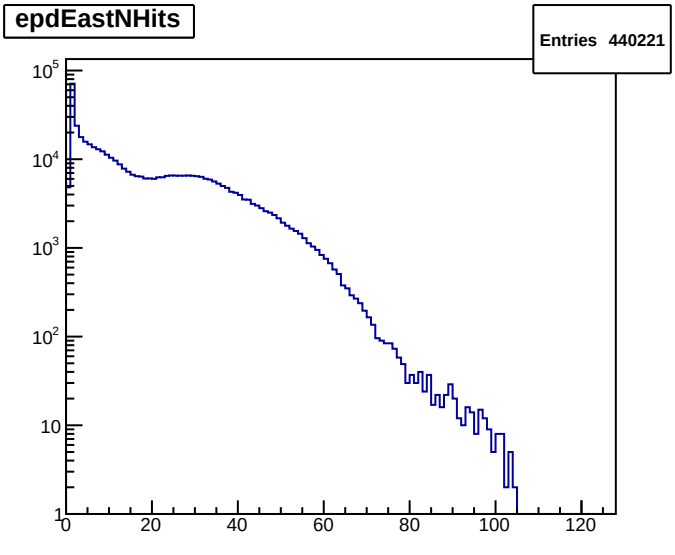
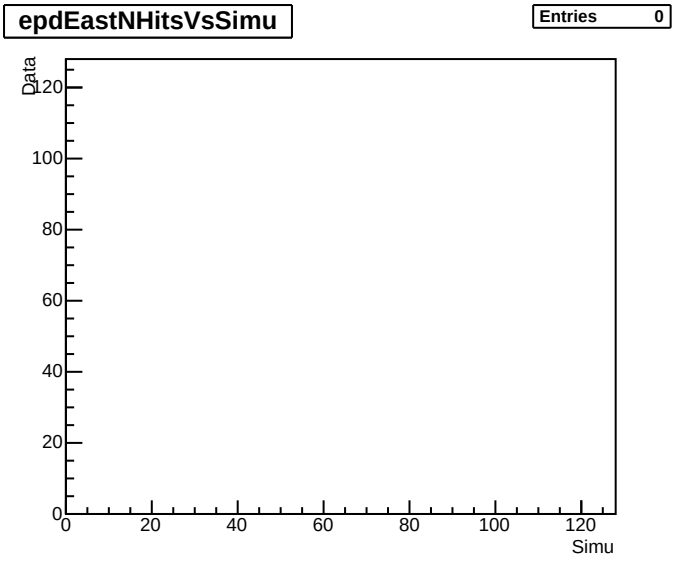
Entries 0
Data
Simu


epdEastTac47
Entries 440221


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 440221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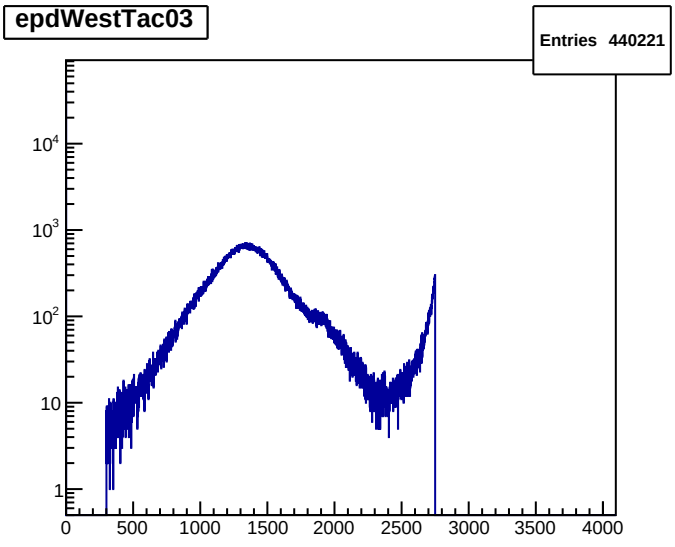
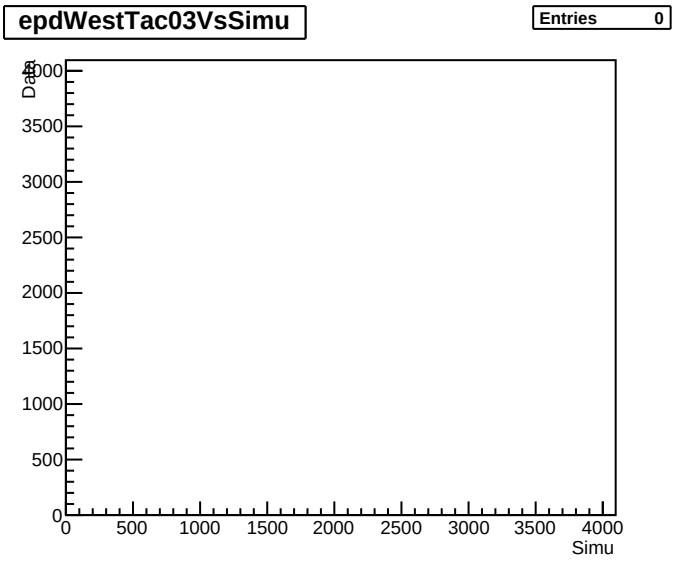
Entries 0
Data
Simu


epdWestTac03
Entries 440221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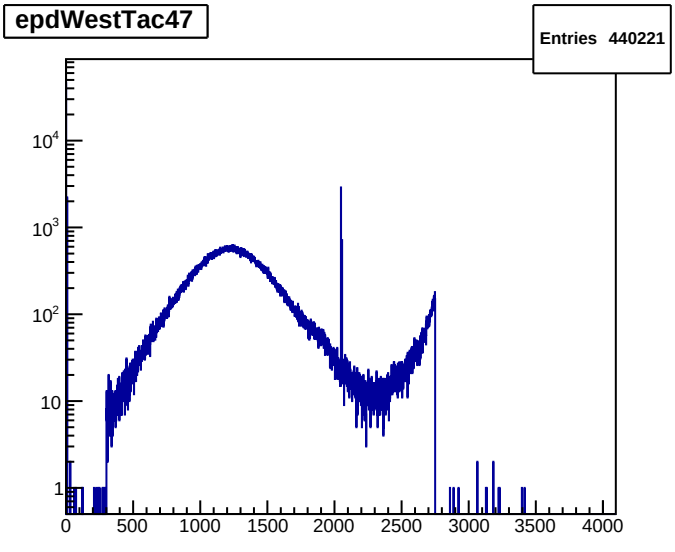
Entries 0
Data
Simu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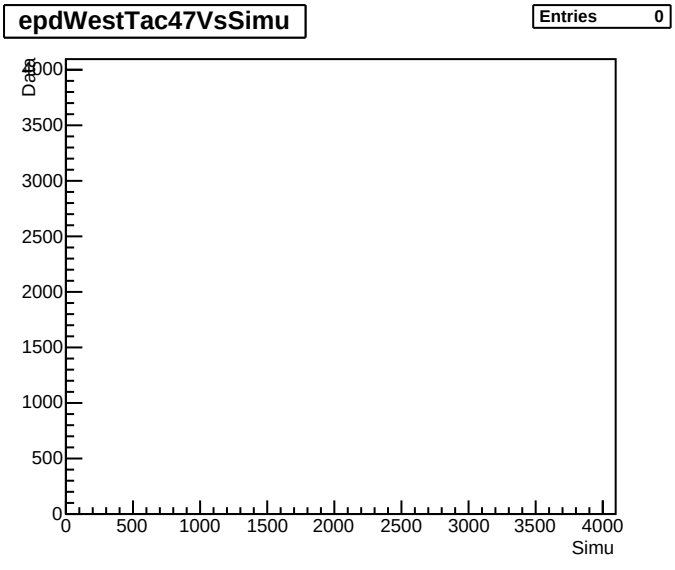
Entries 440221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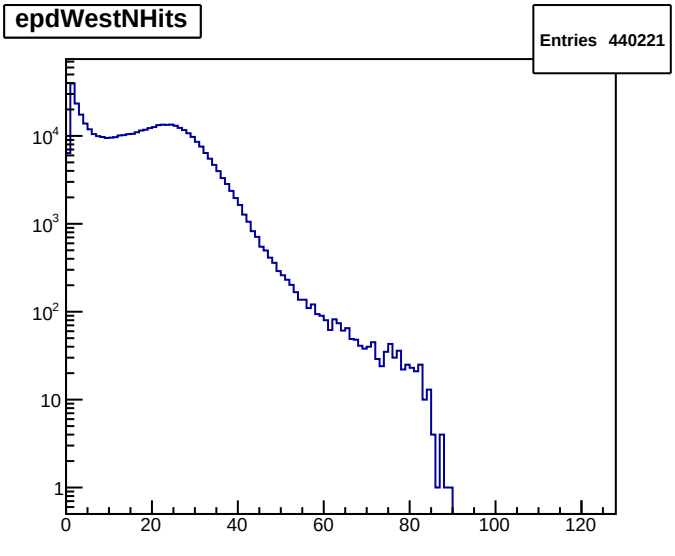
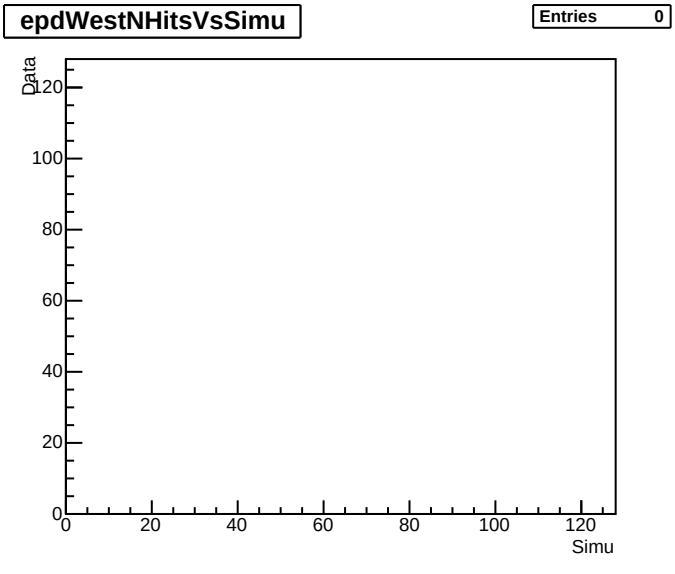
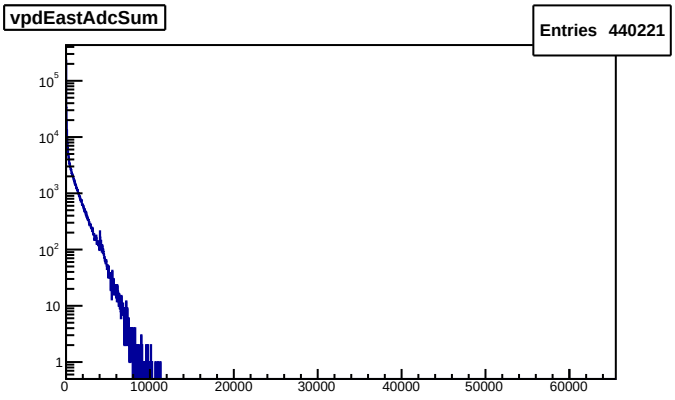
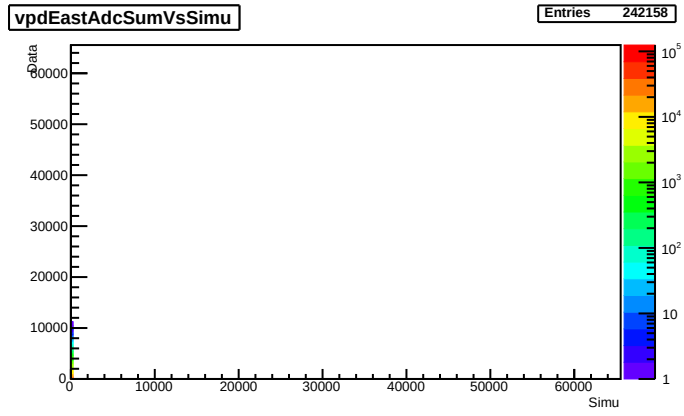
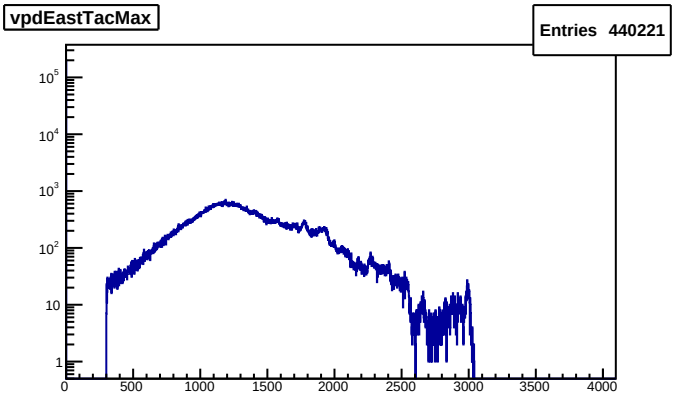
Entries 0
Data
Simu

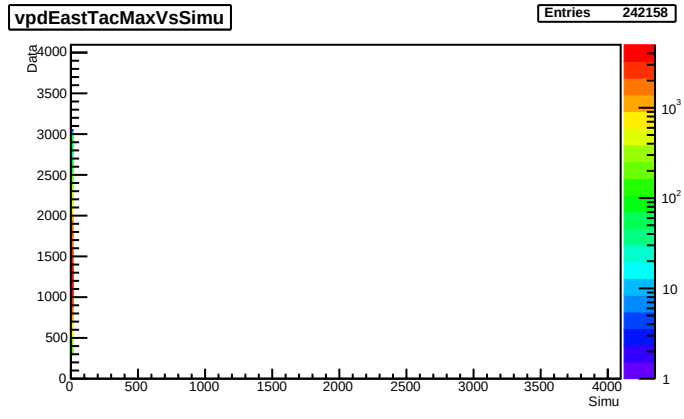

epdWestNHits
Entries 440221

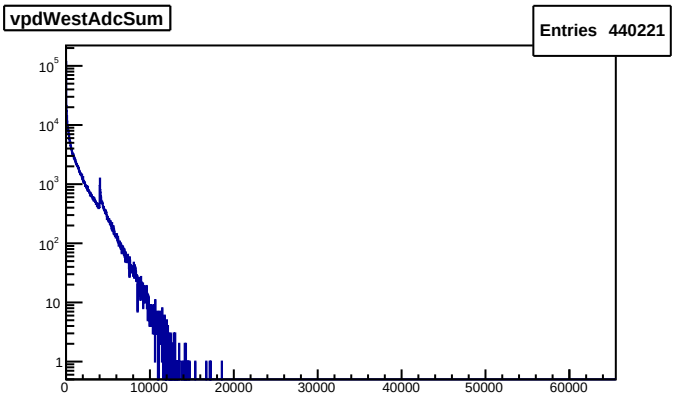

epdWestNHitsVsSimu
Entries 0
Data
Simu

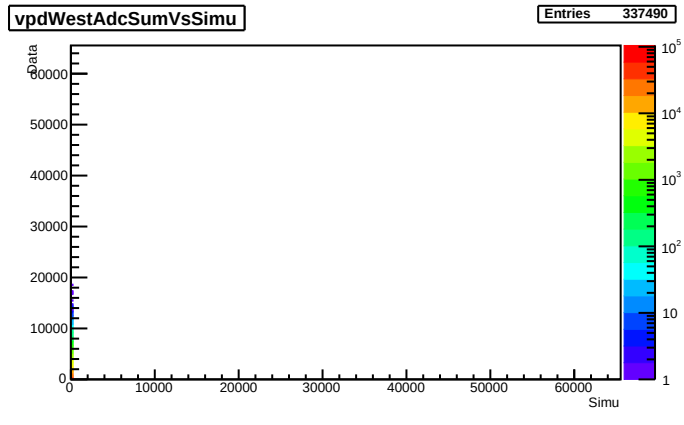

vpdEastAdcSum
Entries 440221

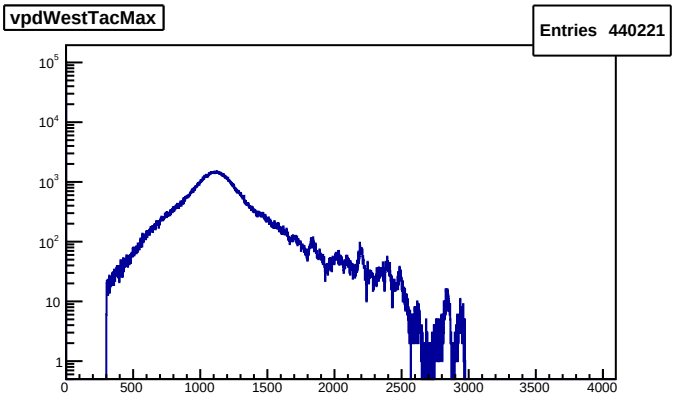

vpdEastAdcSumVsSimu
Entries 242158
Data
Simu

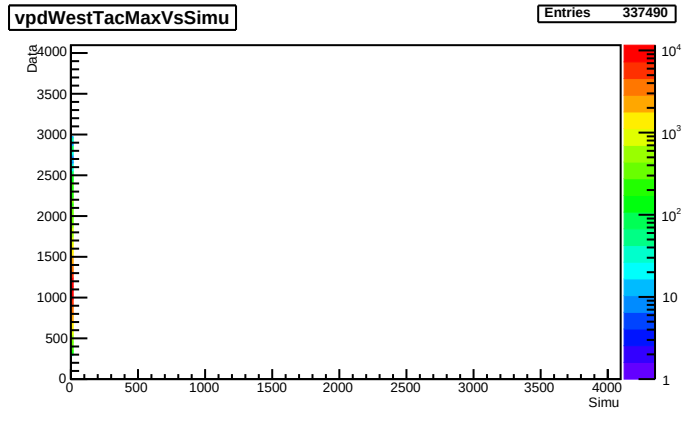

vpdEastTacMax
Entries 440221

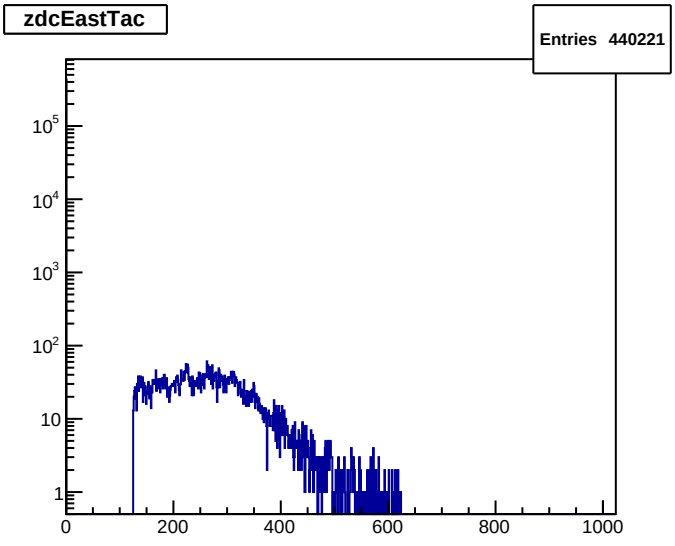

vpdEastTacMaxVsSimu
Entries 242158
Data
Simu

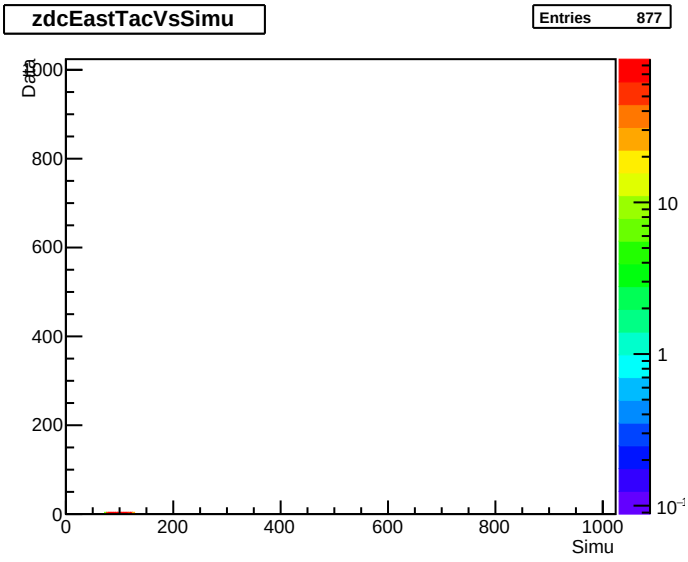

vpdWestAdcSum
Entries 440221

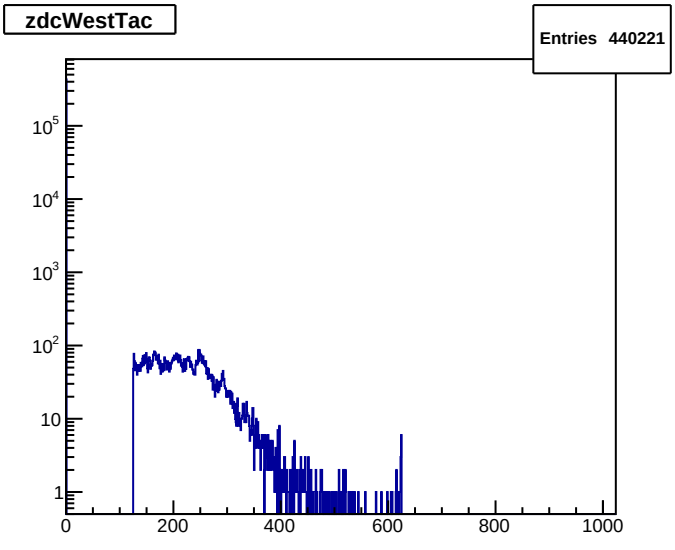

vpdWestAdcSumVsSimu
Entries 337490
Data
Simu

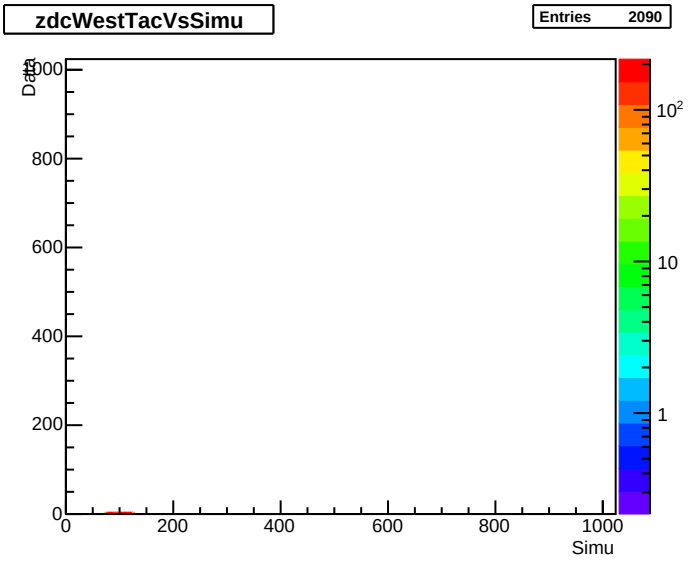

vpdWestTacMax
Entries 440221

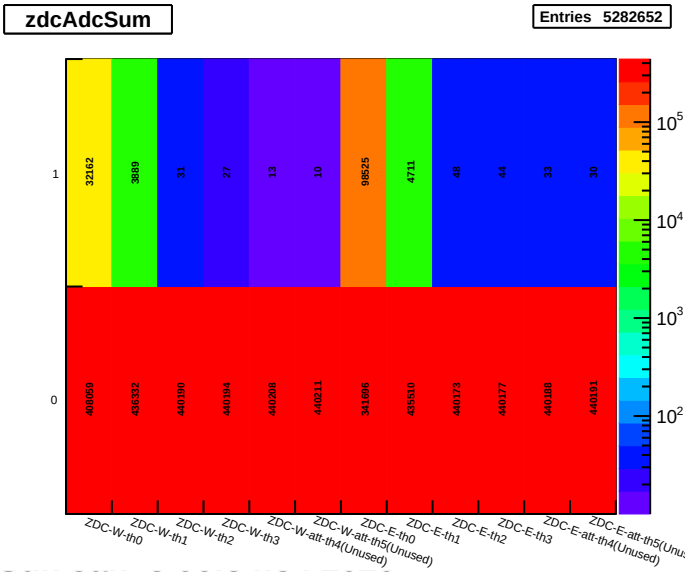

vpdWestTacMaxVsSimu
Entries 337490
Data
Simu

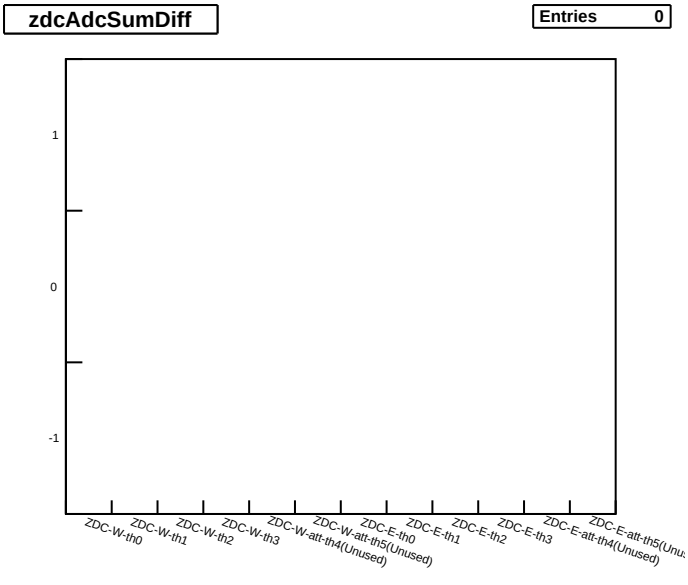

zdcEastTac
Entries 440221

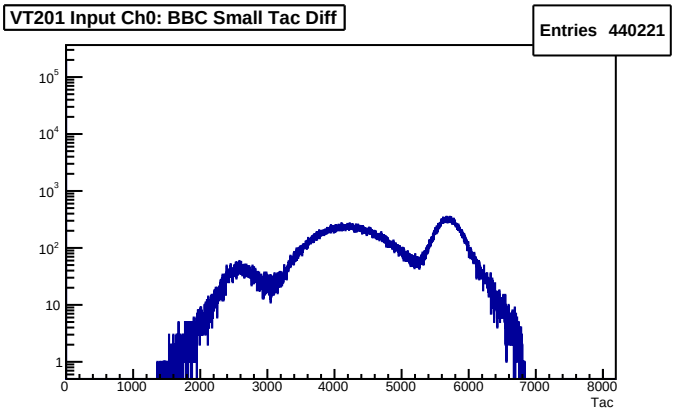

zdcEastTacVsSimu
Entries 877
Data
Simu

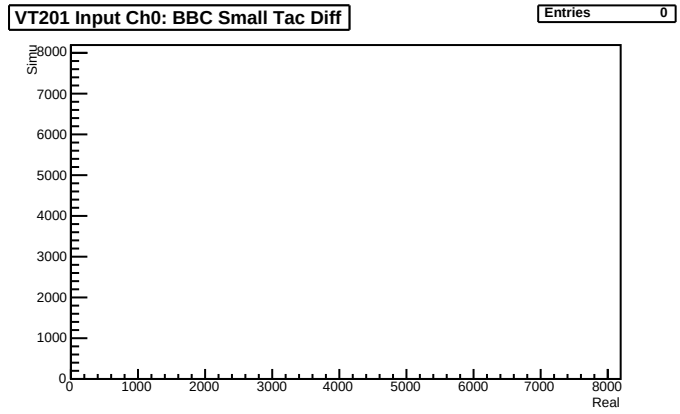

zdcWestTac
Entries 440221

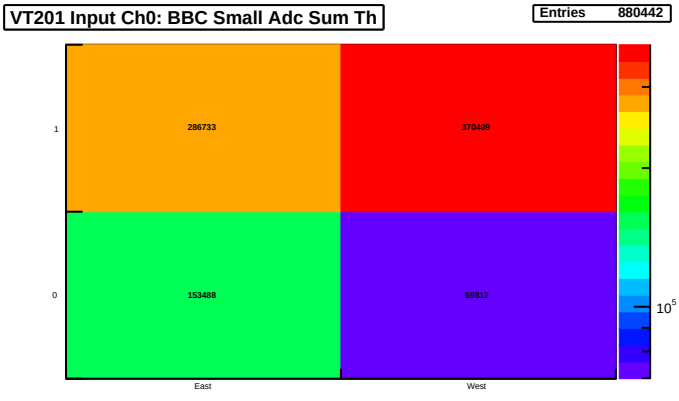

zdcWestTacVsSimu
Entries 2090
Data
Simu

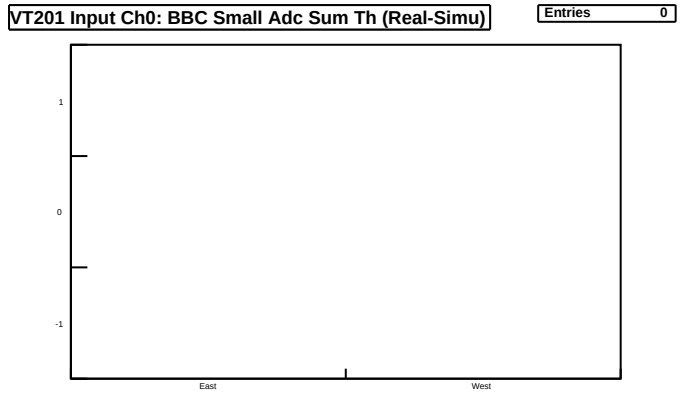

zdcAdcSum
Entries 5282652
32162
3889
31
27
13
10
98525
4711
48
44
33
30
408069
436332
440190
440194
440208
440211
341696
435510
440173
440177
440188
440191
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

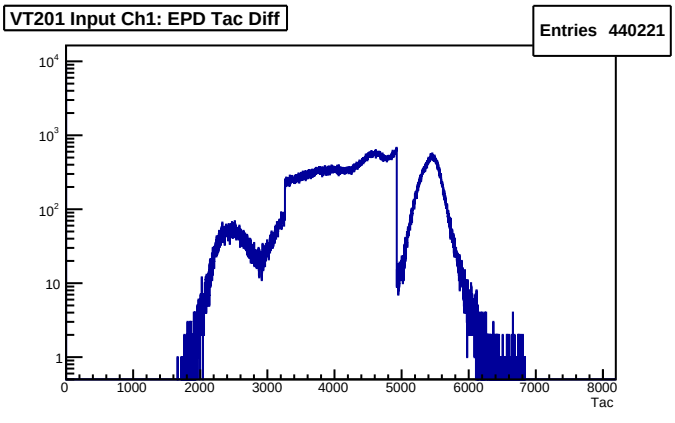

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

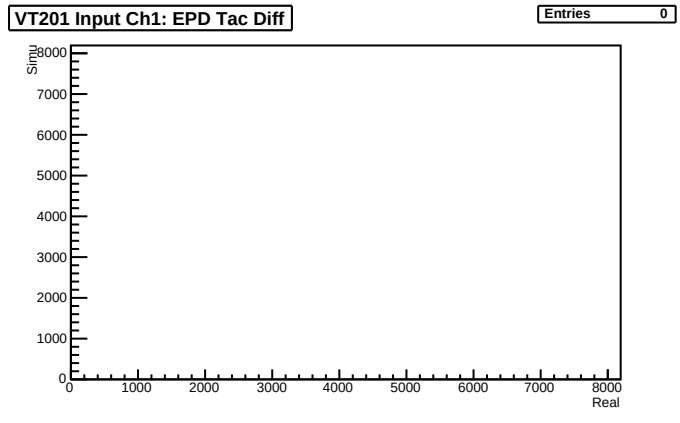

VT201 Input Ch0: BBC Small Tac Diff
Entries 440221
Tac

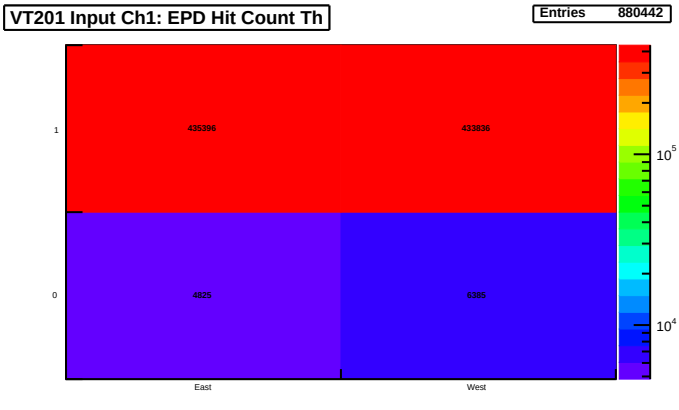

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

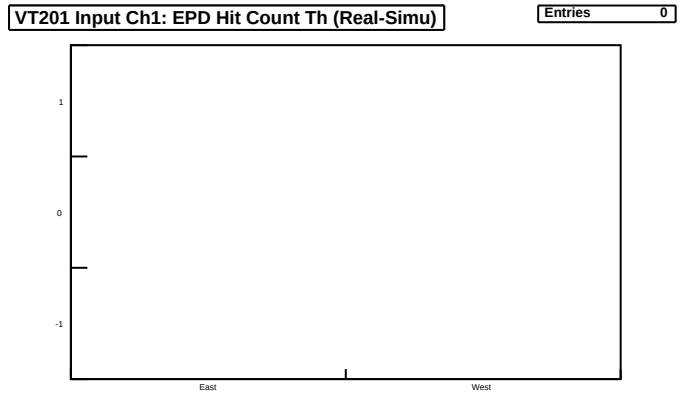

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 880442
286733
370409
153488
69812
East
West

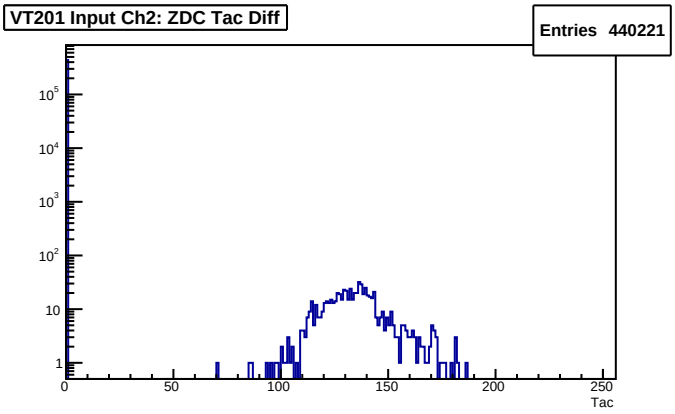

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

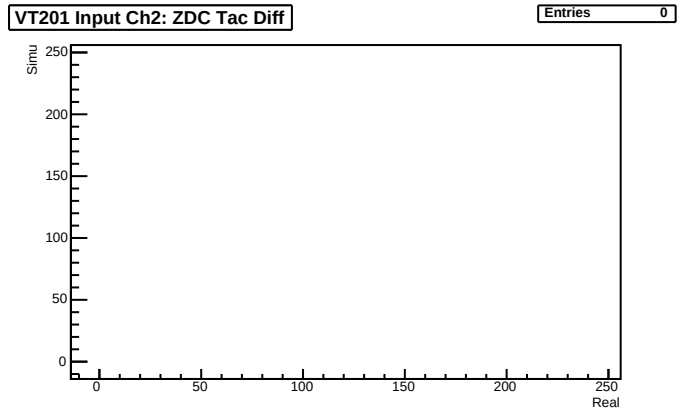

VT201 Input Ch1: EPD Tac Diff
Entries 440221
Tac

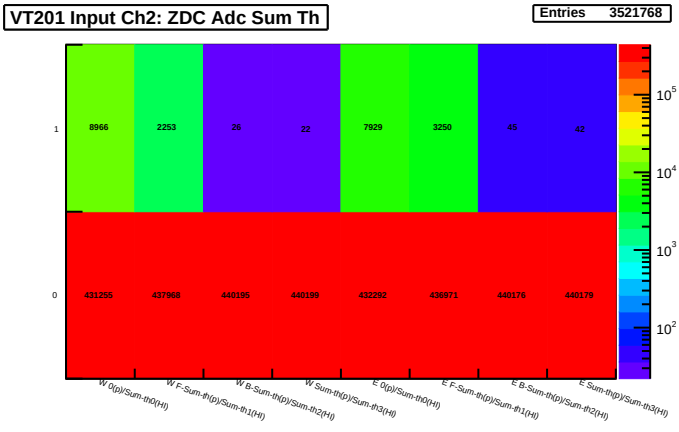

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

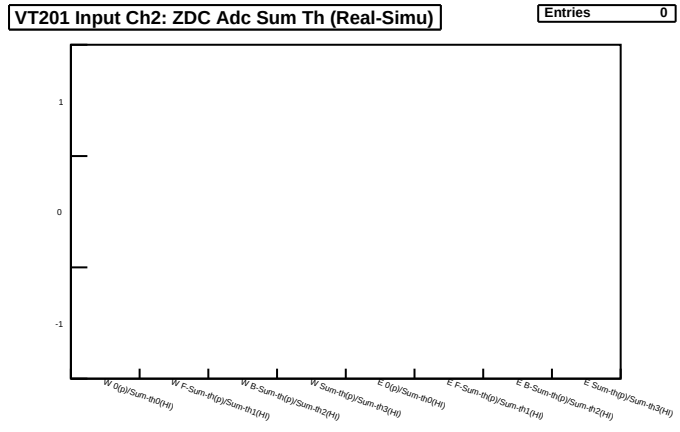

VT201 Input Ch1: EPD Hit Count Th
Entries 880442
435396
433836
4825
6385
East
West

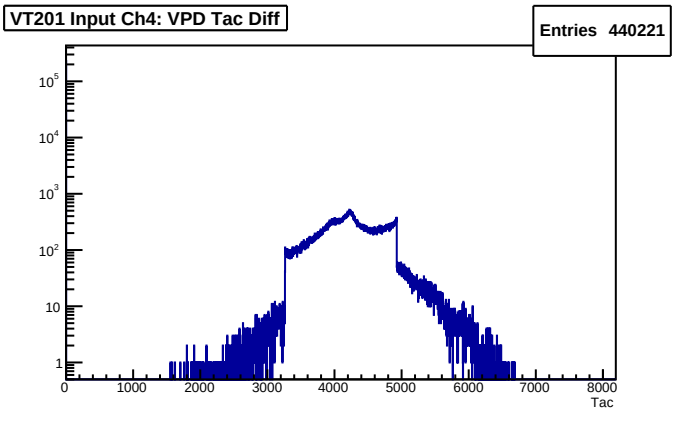

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

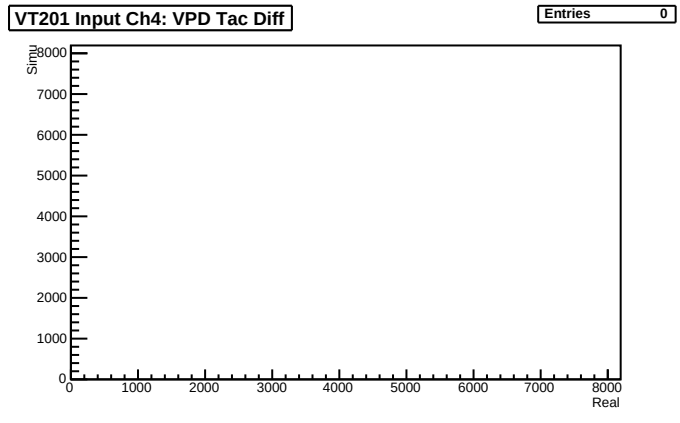

VT201 Input Ch2: ZDC Tac Diff
Entries 440221
Tac

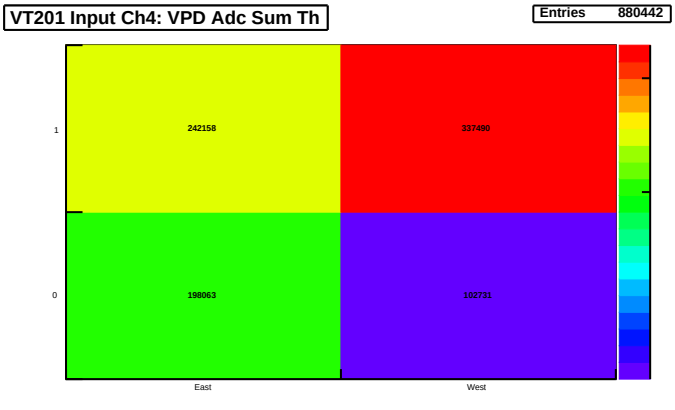

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

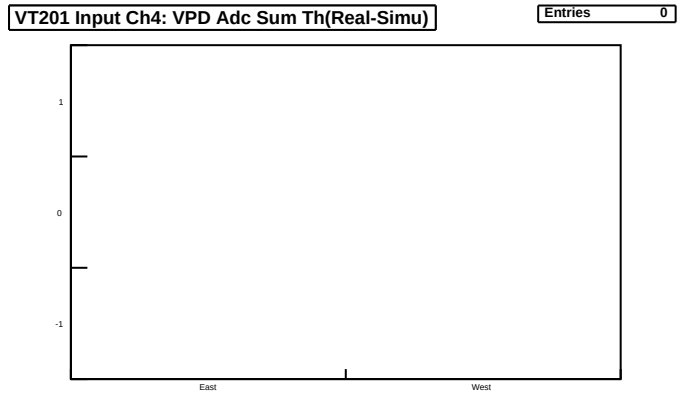

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3521768
8966
2253
26
22
7929
3250
45
42
431255
437968
440195
440199
432292
436971
440176
440179
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

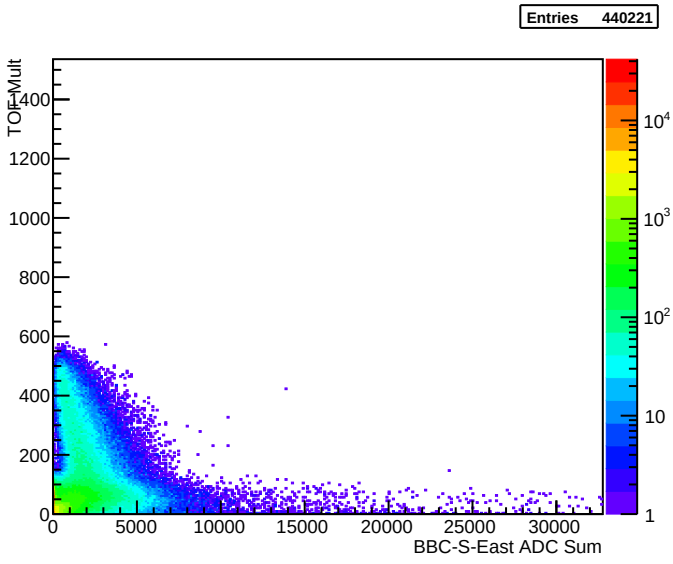

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

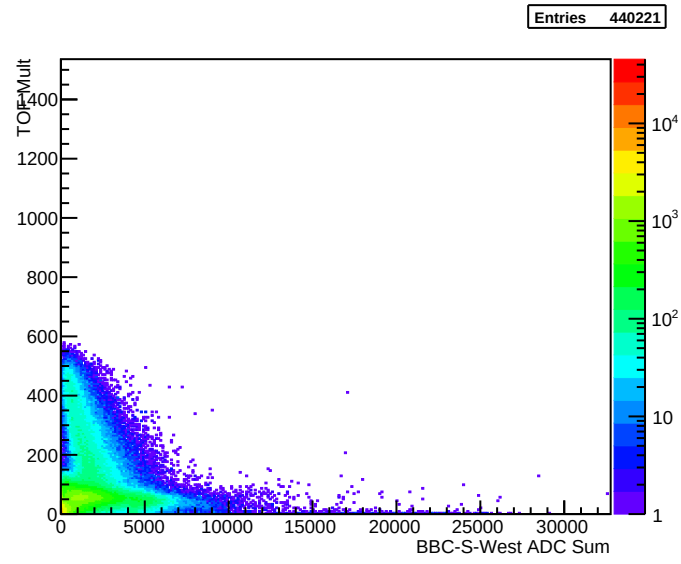

VT201 Input Ch4: VPD Tac Diff
Entries 440221
Tac

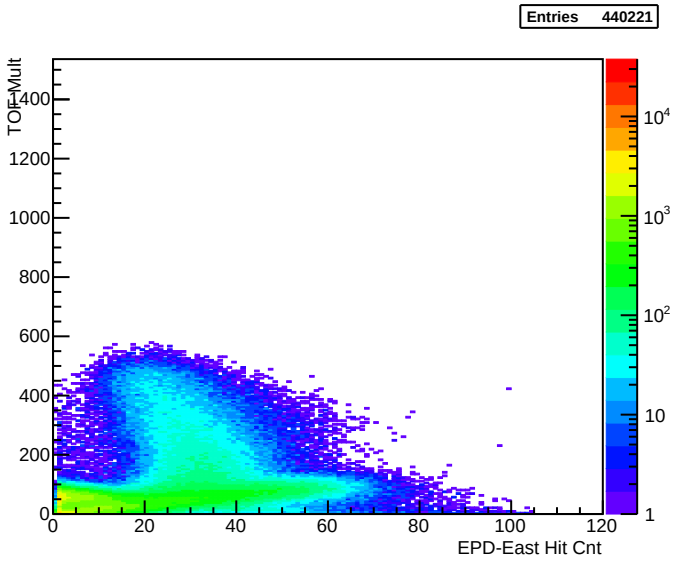

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

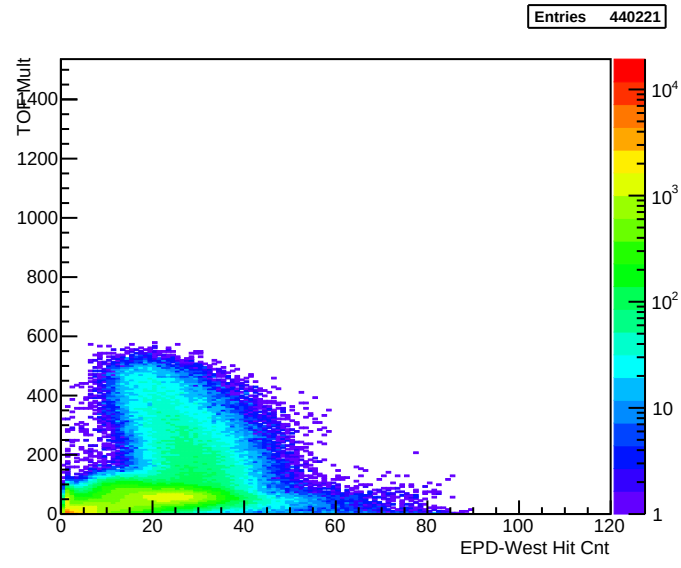

VT201 Input Ch4: VPD Adc Sum Th
Entries 880442
242158
337490
198063
102731
East
West

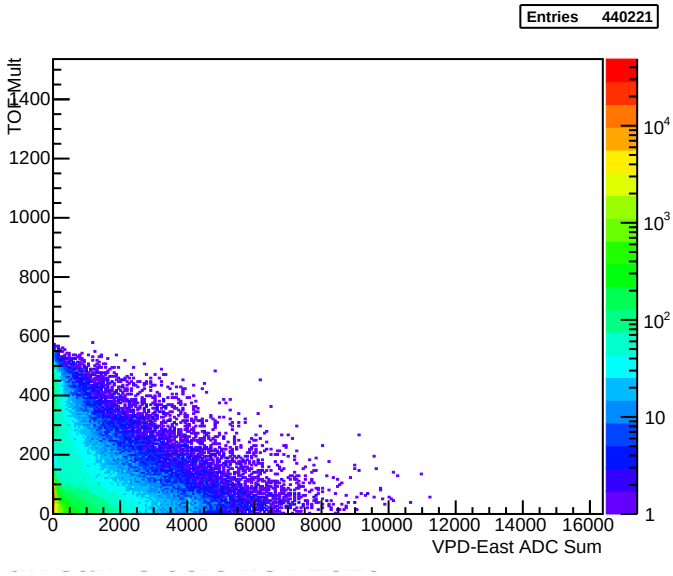

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

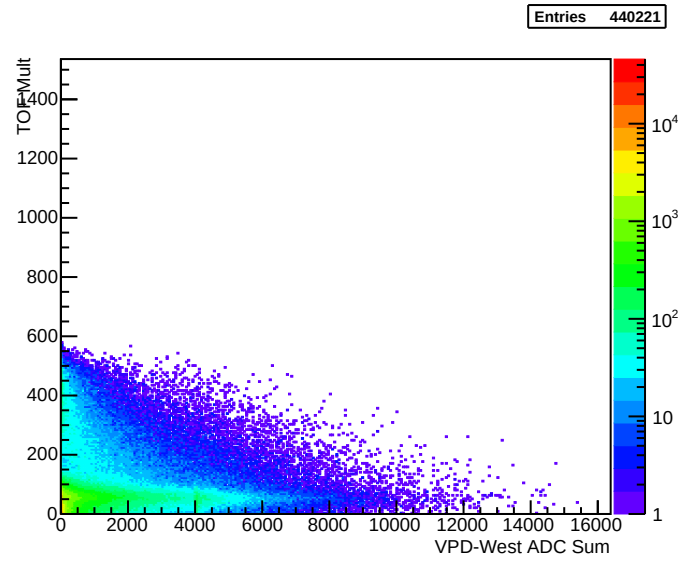

Entries 440221
TOF-Mult
BBC-S-East ADC Sum

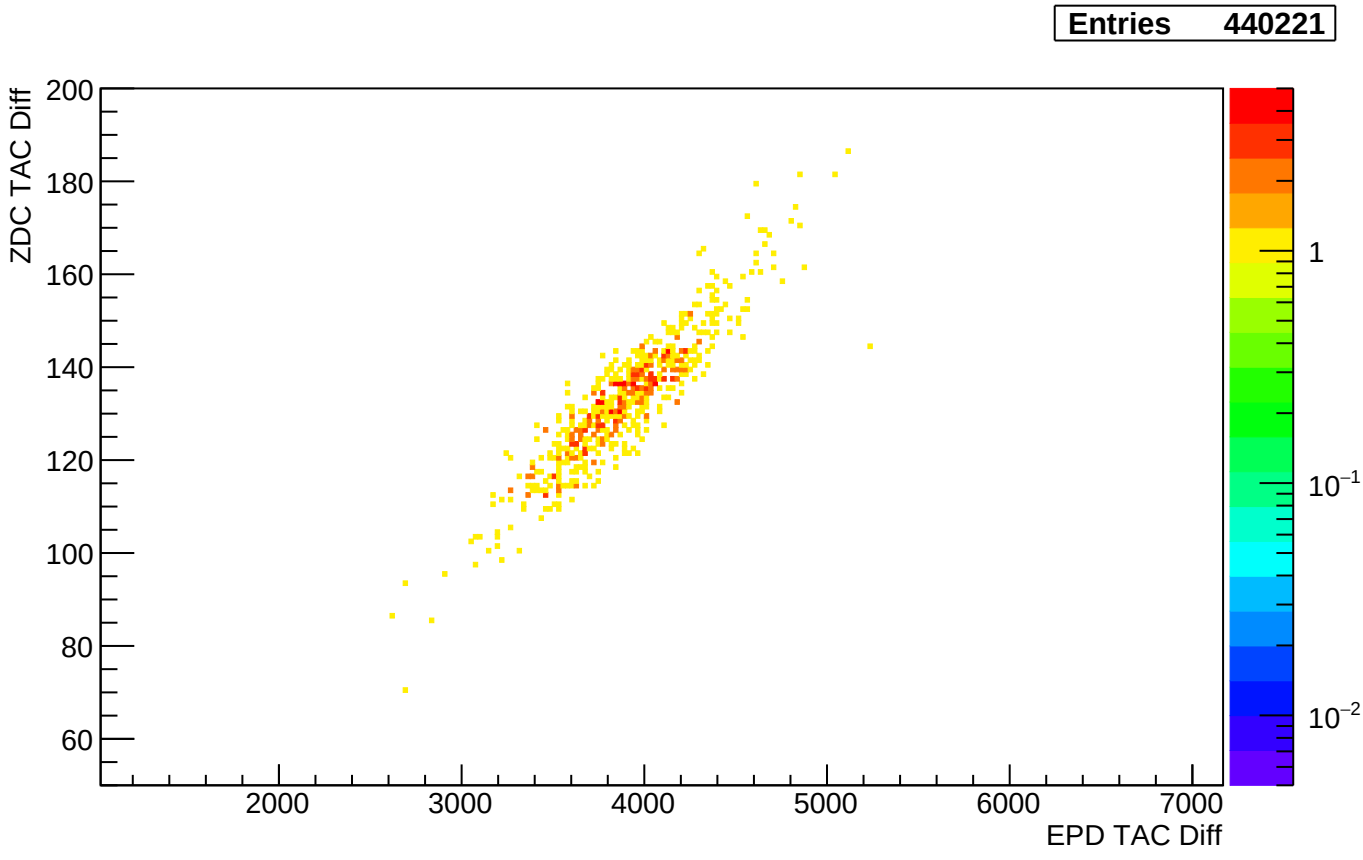

Entries 440221
TOF-Mult
BBC-S-West ADC Sum

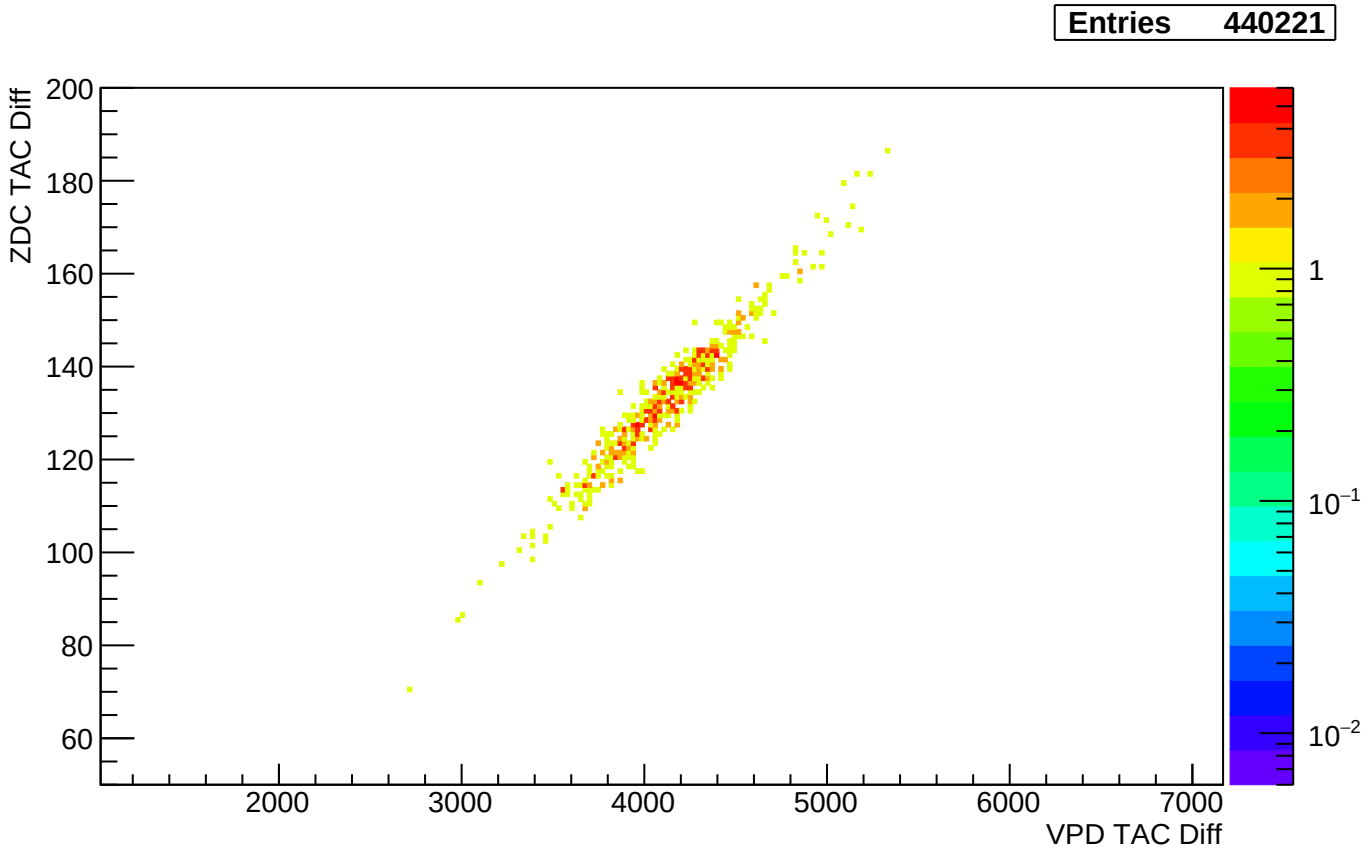

Entries 440221
TOF-Mult
EPD-East Hit Cnt

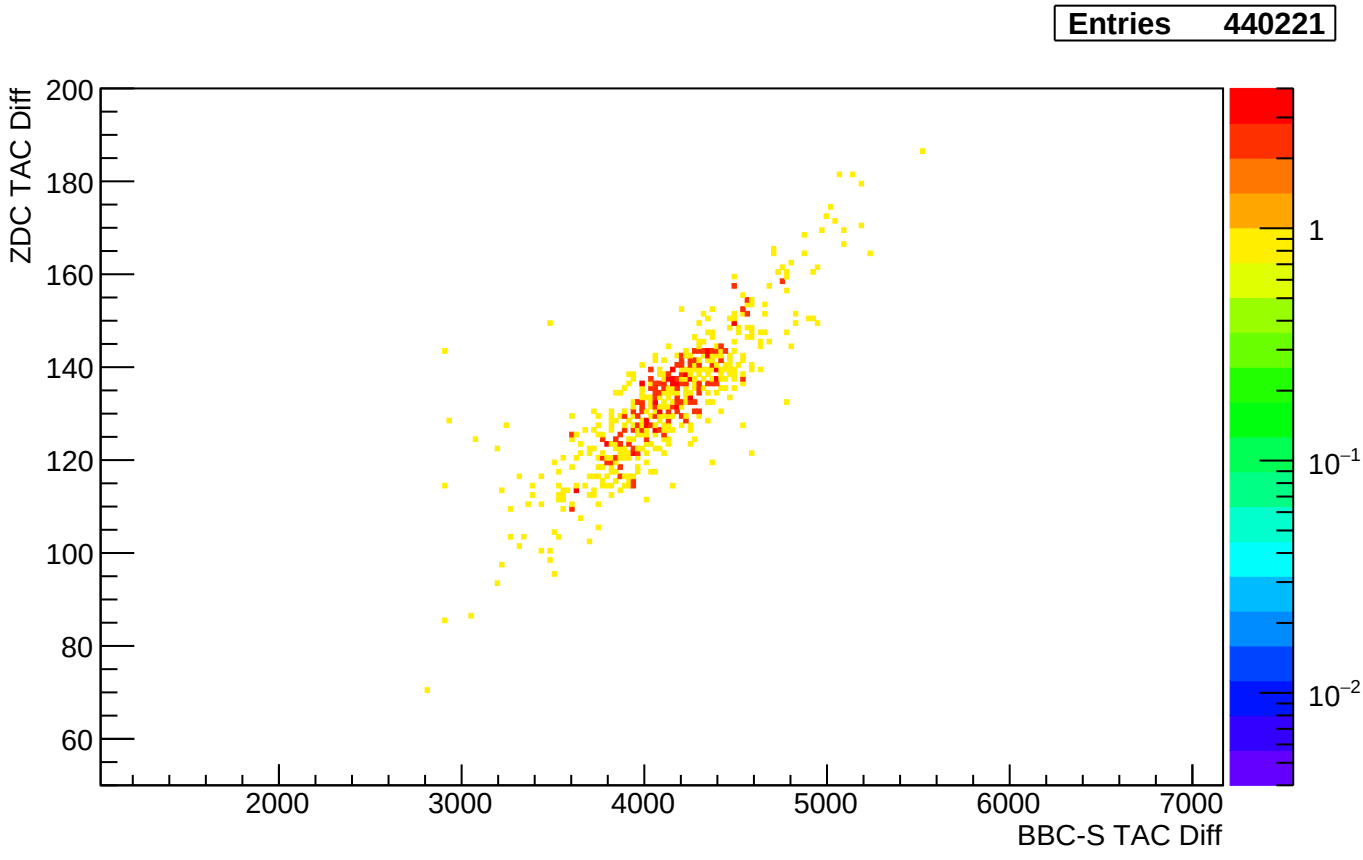

Entries 440221
TOF-Mult
EPD-West Hit Cnt

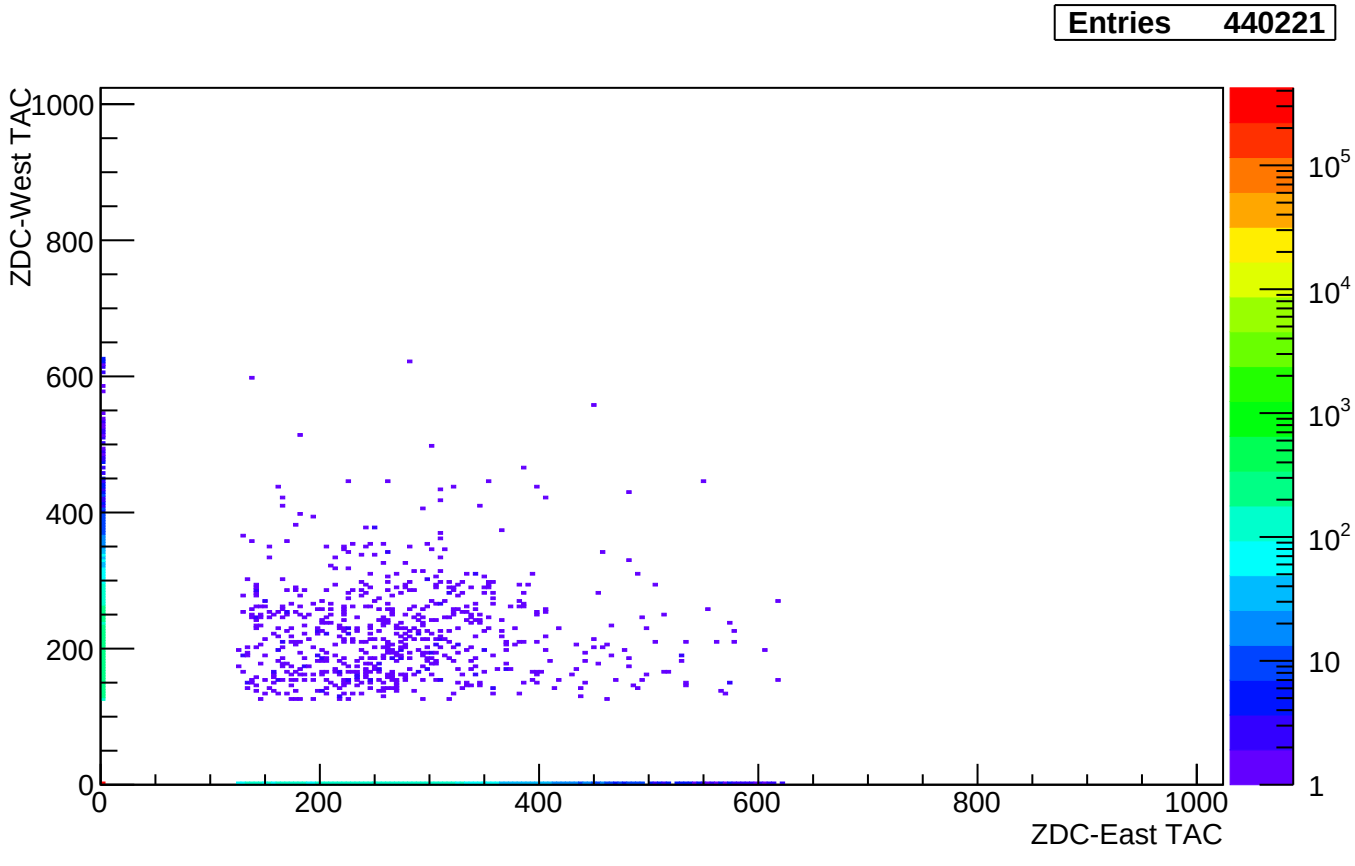

Entries 440221
TOF-Mult
VPD-East ADC Sum

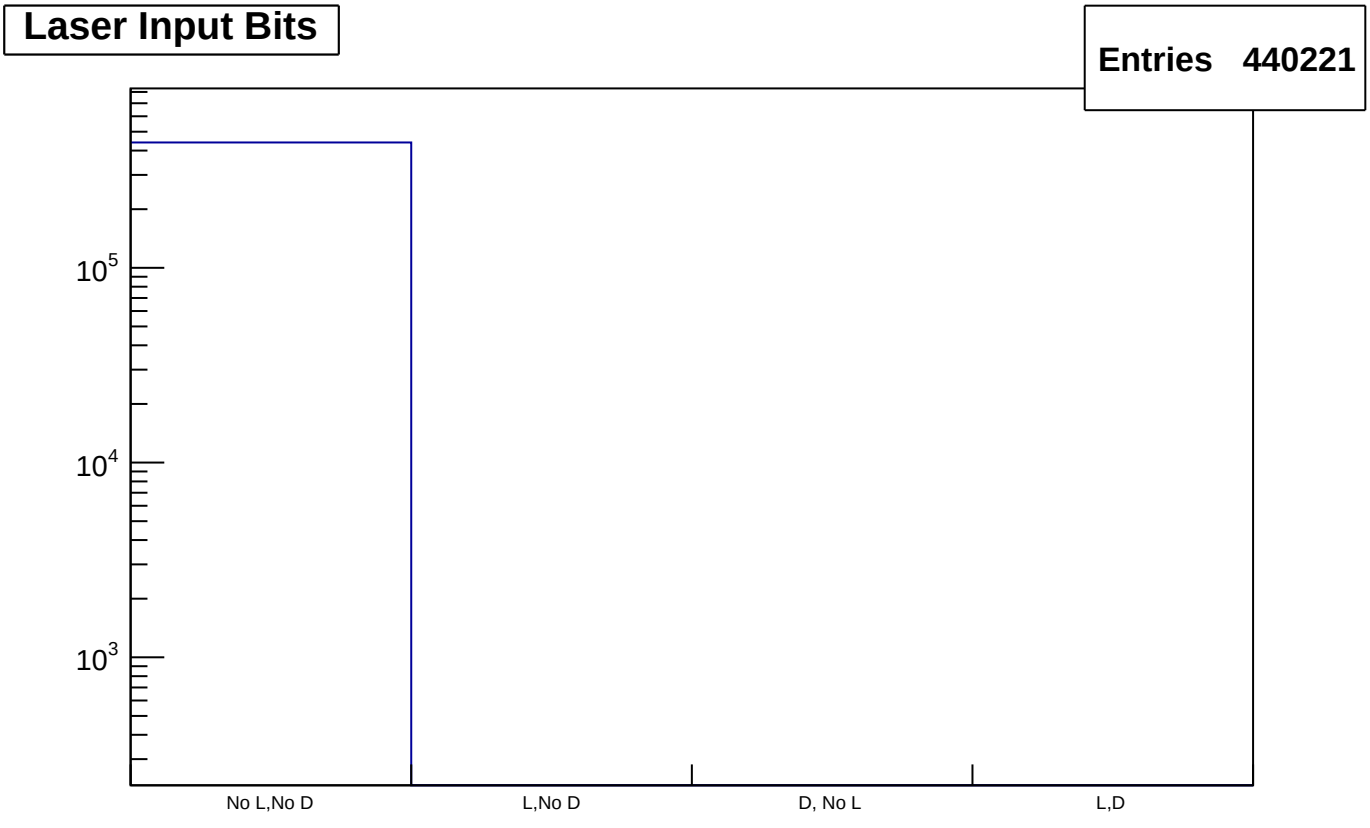

Entries 440221
TOF-Mult
VPD-West ADC Sum

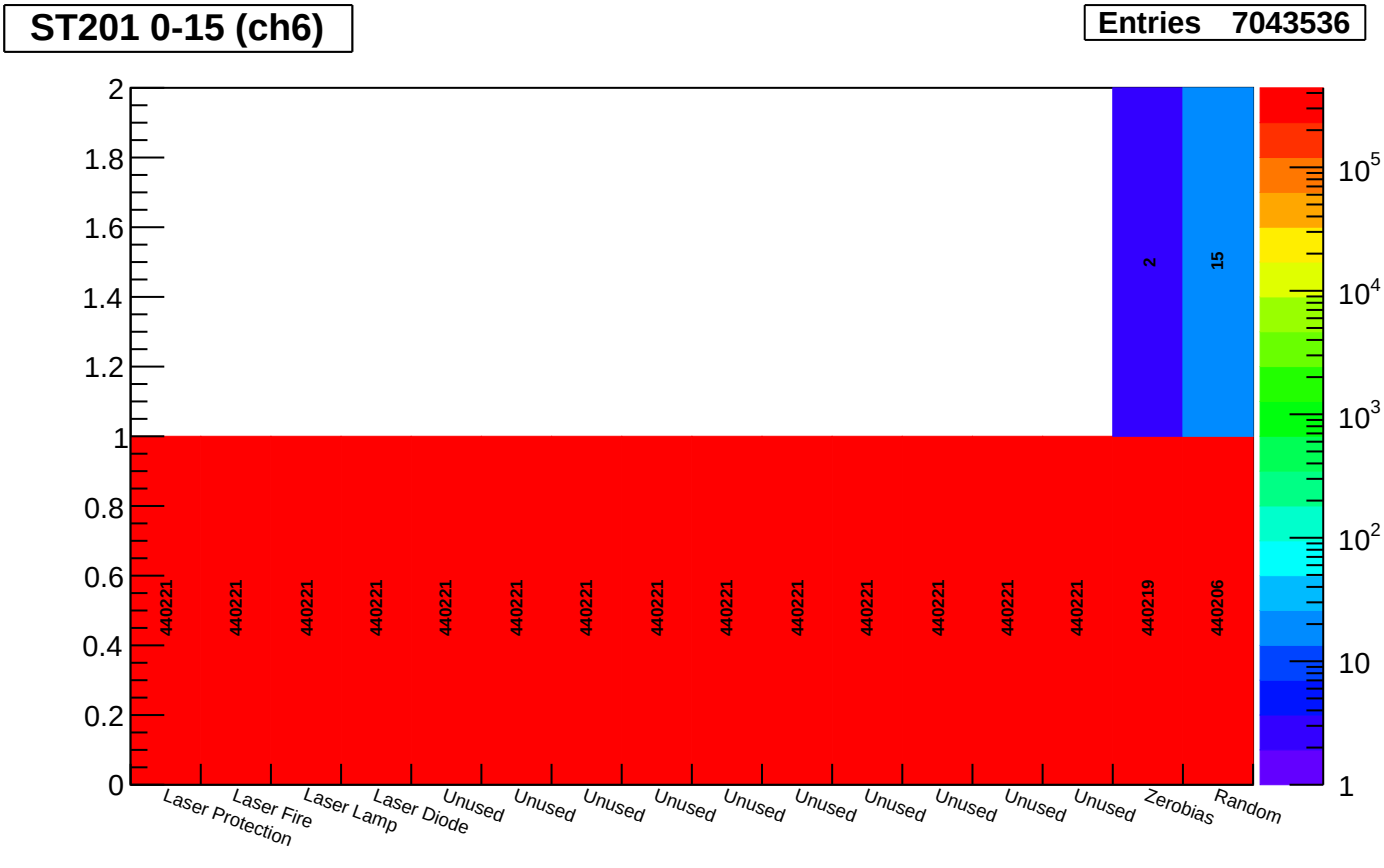

Entries 440221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

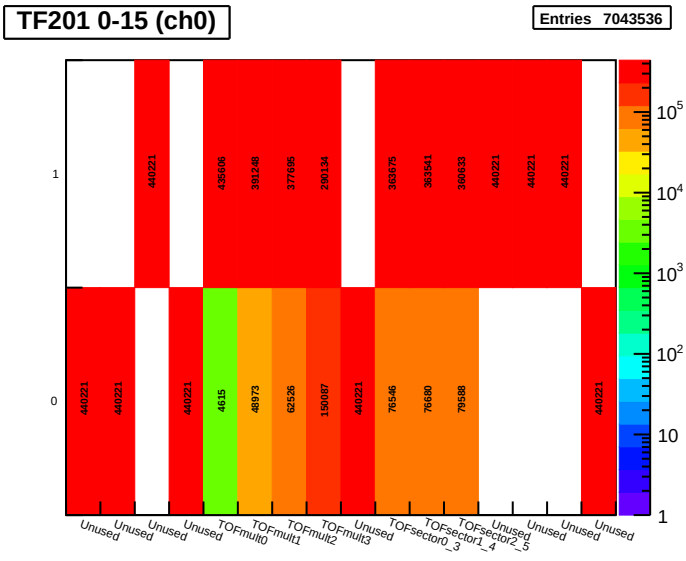

Entries 440221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

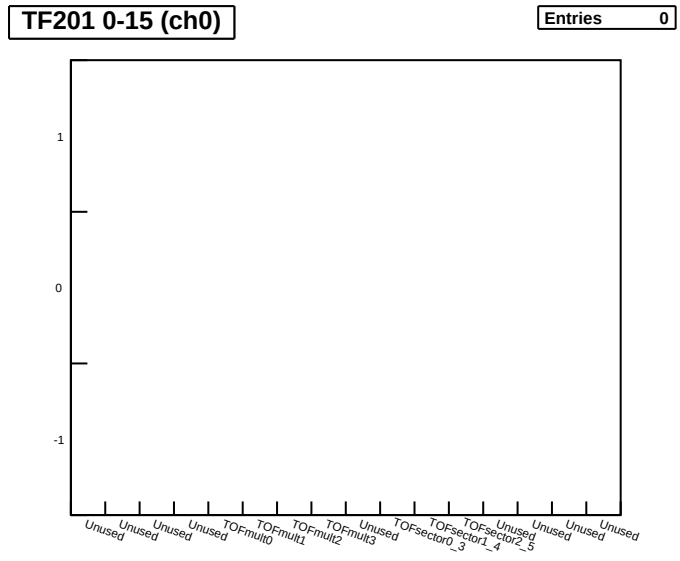

Entries 440221
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

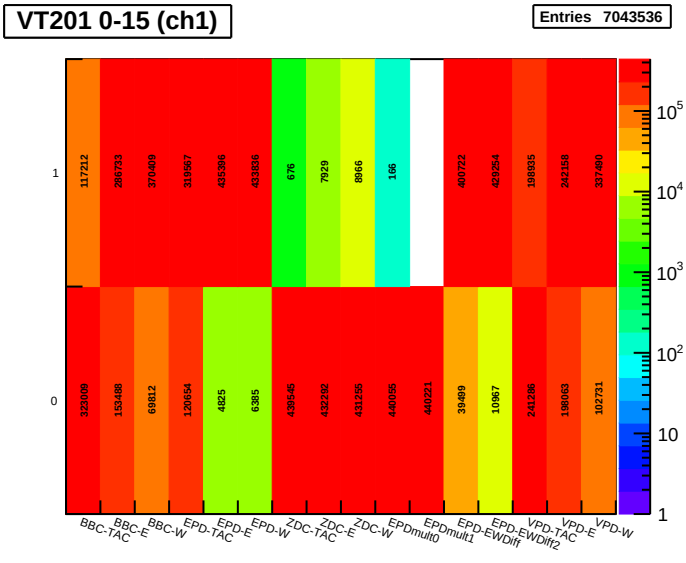

Entries 440221
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

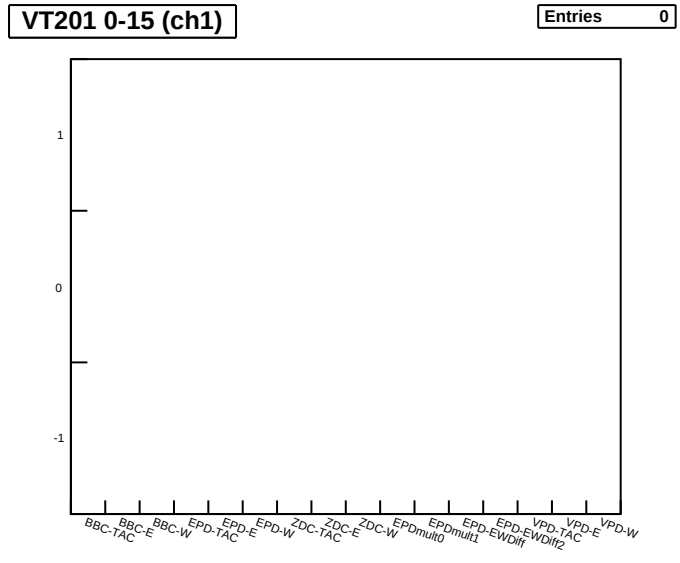

Laser Input Bits
Entries 440221
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

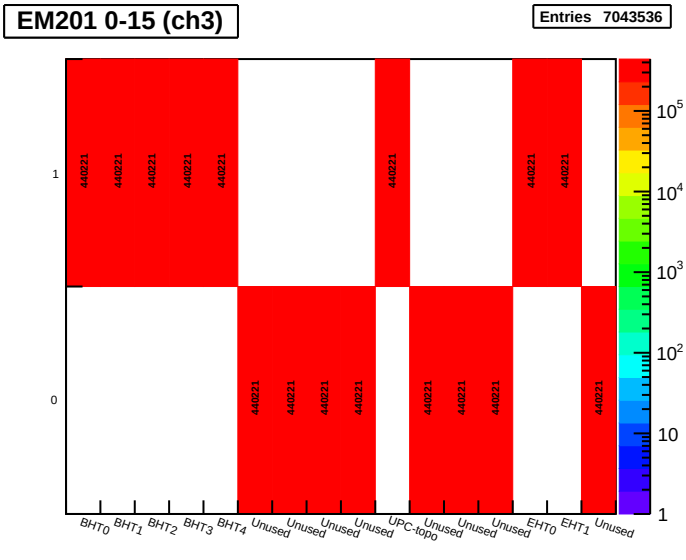

ST201 0-15 (ch6)
Entries 7043536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440219
440206
2
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

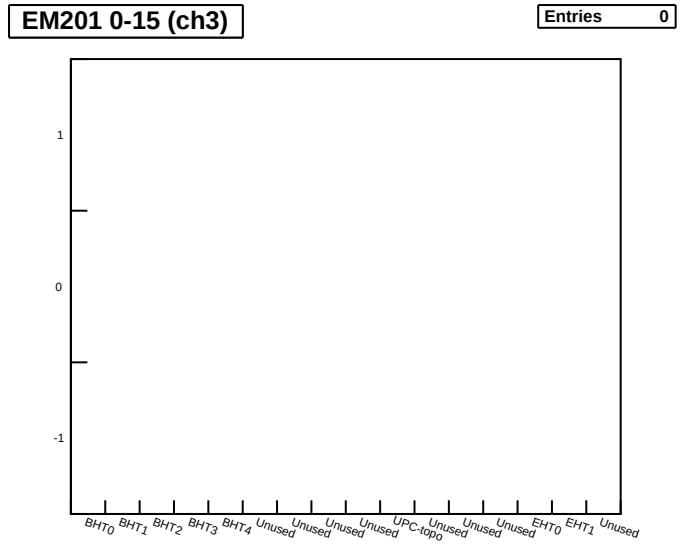

TF201 0-15 (ch0)
Entries 7043536
1
0
440221
435606
391248
377695
290134
363675
363541
360633
440221
440221
440221
440221
440221
4615
49973
62526
150087
440221
76546
76680
79588
440221
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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
Unused


VT201 0-15 (ch1)
Entries 7043536
1
0
117212
286733
370409
319567
435396
433836
676
7929
8966
166
400722
429254
199935
242158
337490
323009
153488
69812
120654
4825
6385
439545
432292
431255
440055
440221
39499
10967
241286
198063
102731
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 7043536
1
0
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
440221
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