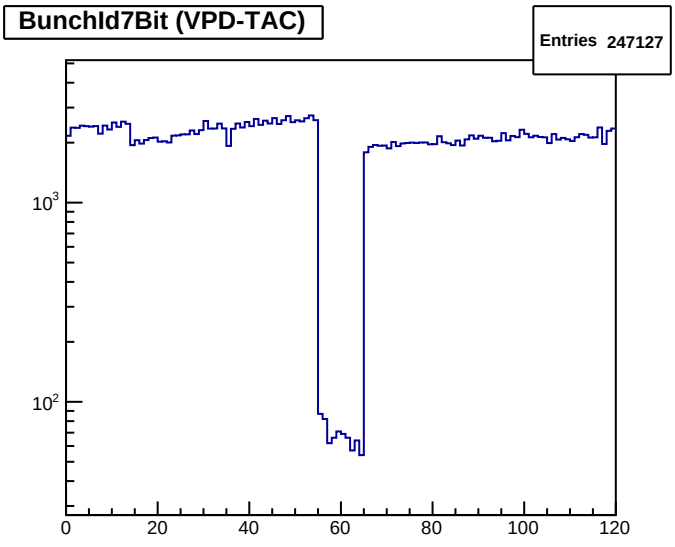
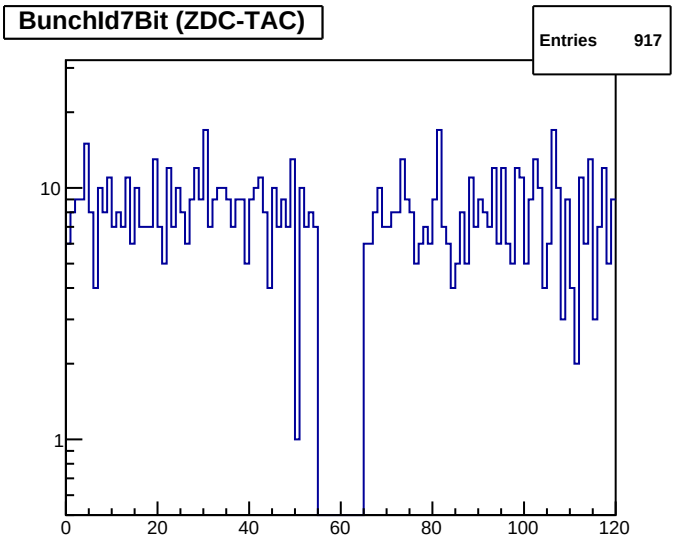
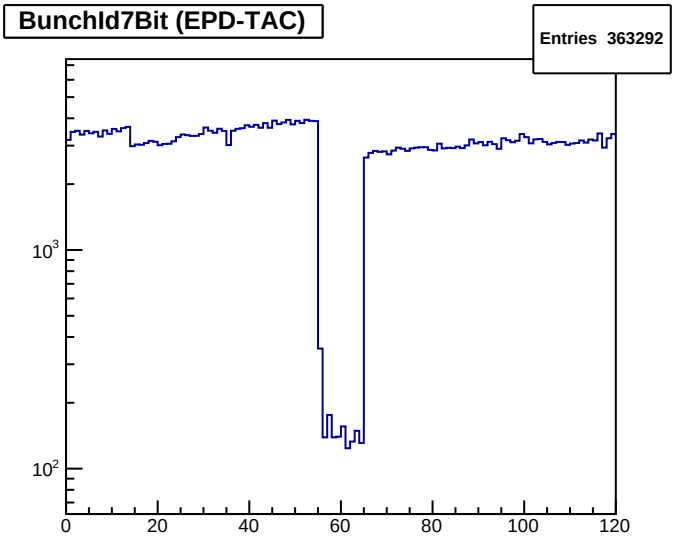
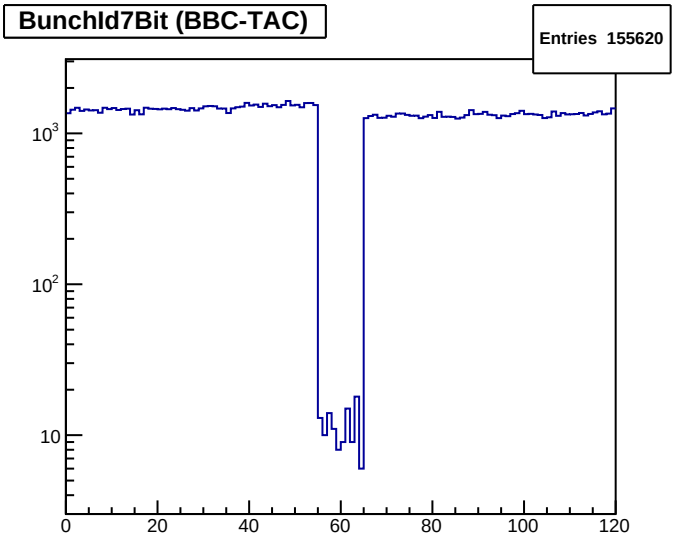
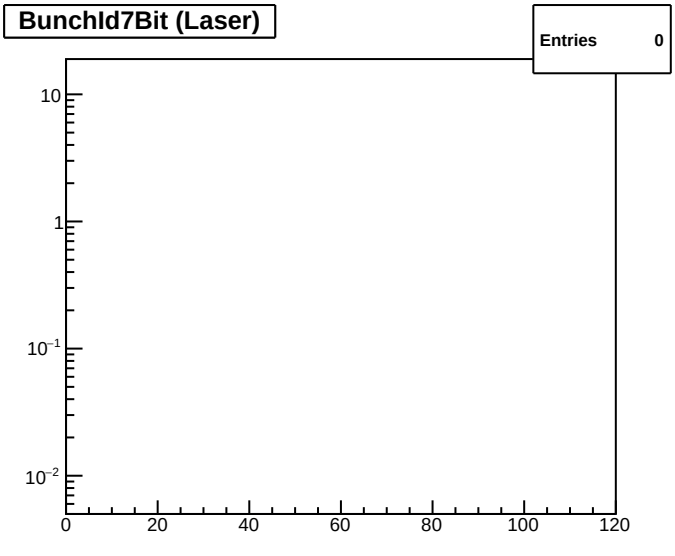
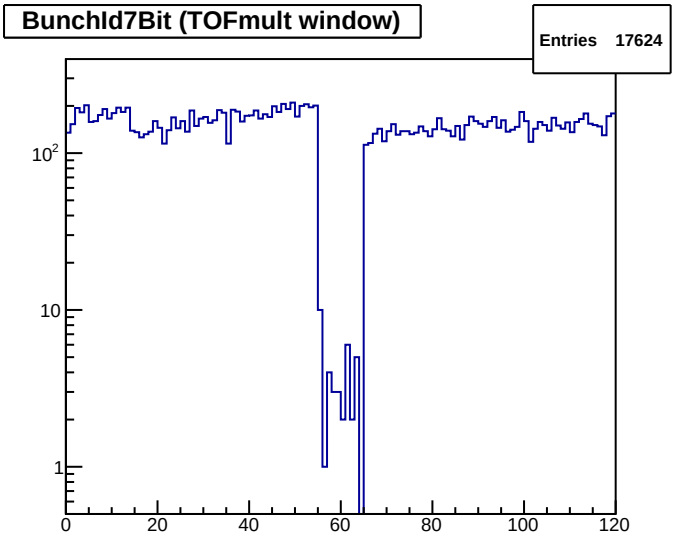

BunchId7Bit (VPD-TAC)
Entries 247127

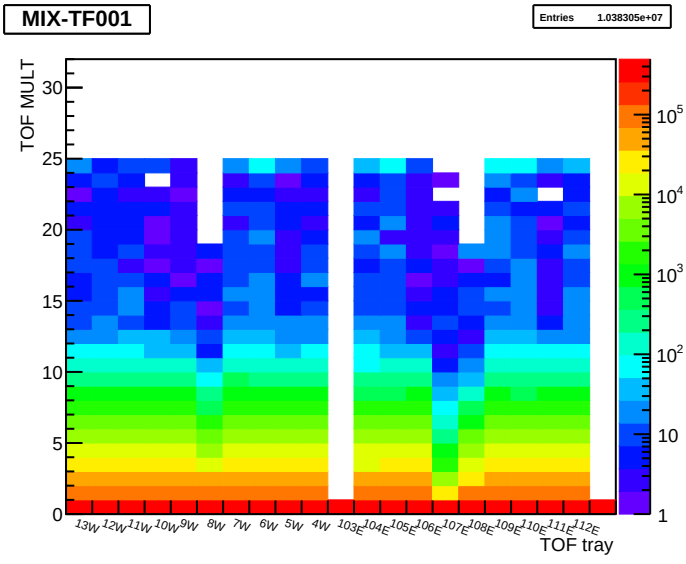

BunchId7Bit (ZDC-TAC)
Entries 917

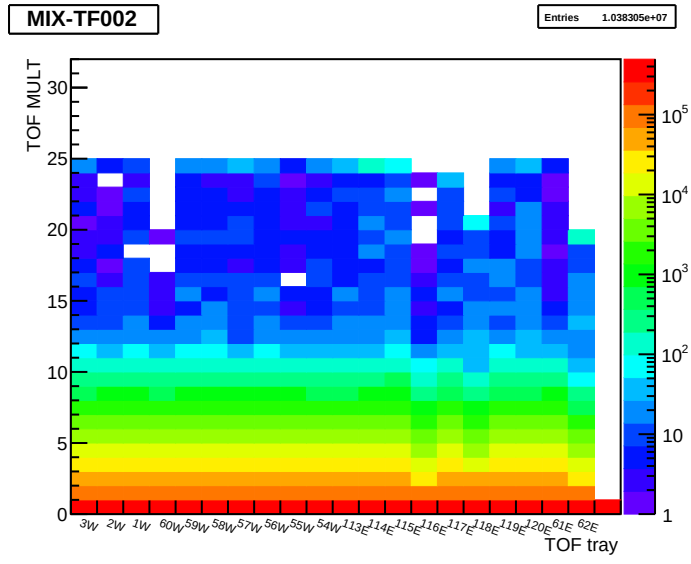

BunchId7Bit (EPD-TAC)
Entries 363292

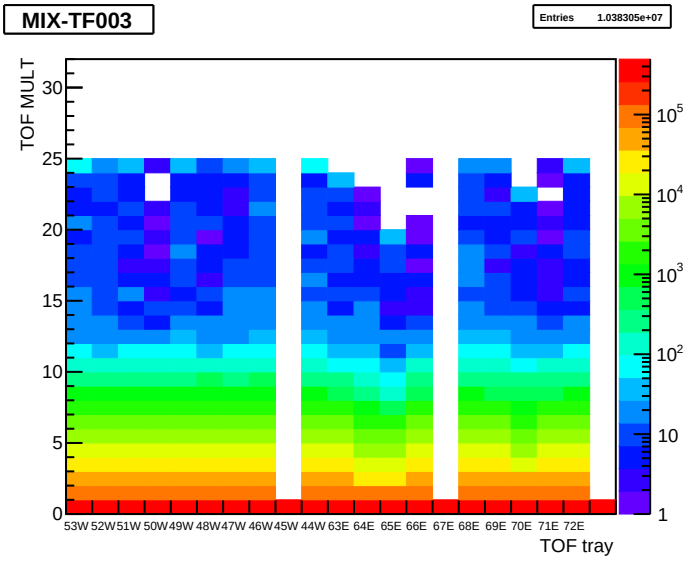

BunchId7Bit (BBC-TAC)
Entries 155620

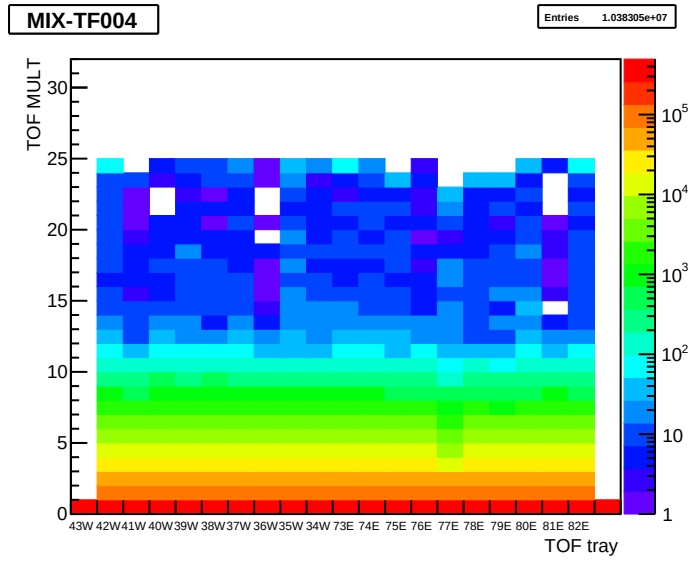

BunchId7Bit (Laser)
Entries 0

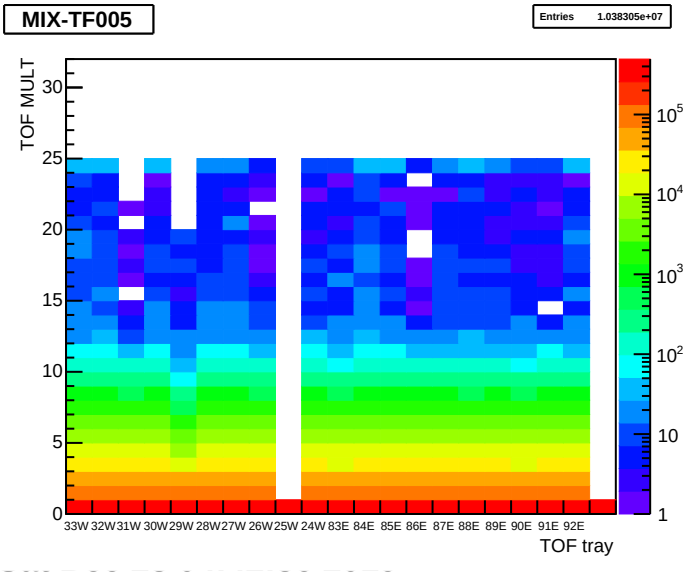

BunchId7Bit (TOFmult window)
Entries 17624

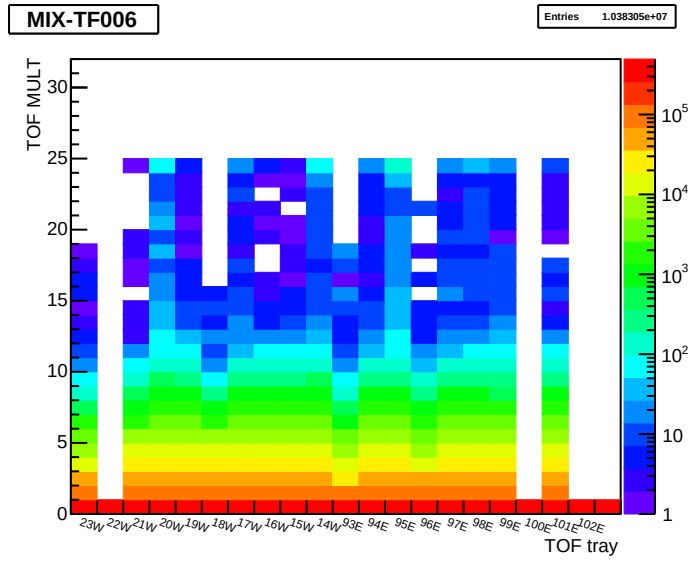

MIX-TF001
Entries 1.038305e+07
TOF MULT
TOF tray

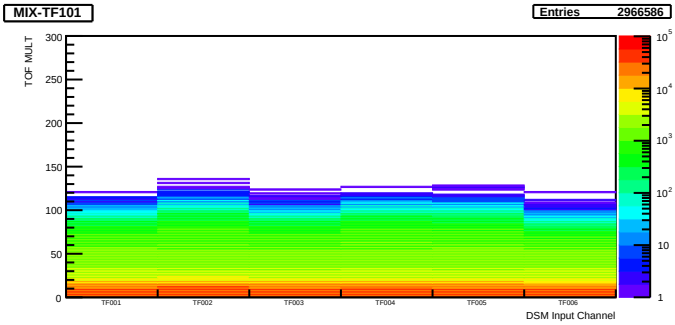

MIX-TF002
Entries 1.038305e+07
TOF MULT
TOF tray

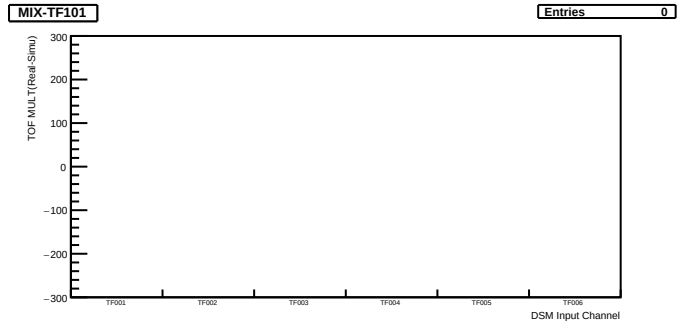

MIX-TF003
Entries 1.038305e+07
TOF MULT
TOF tray

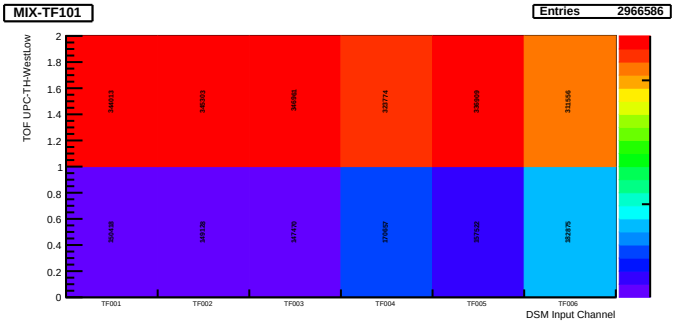

MIX-TF004
Entries 1.038305e+07
TOF MULT
TOF tray

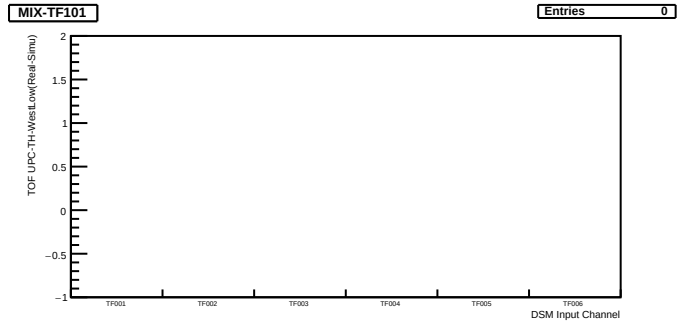

MIX-TF005
Entries 1.038305e+07
TOF MULT
TOF tray

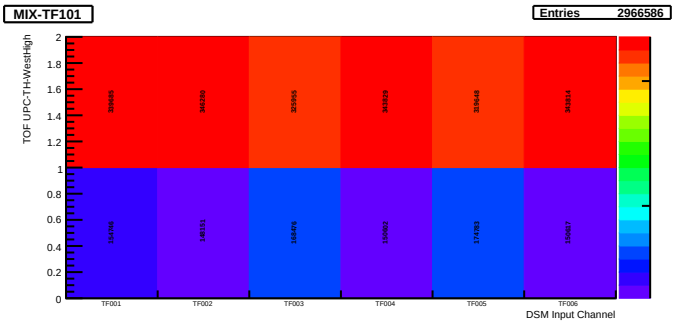

MIX-TF006
Entries 1.038305e+07
TOF MULT
TOF tray

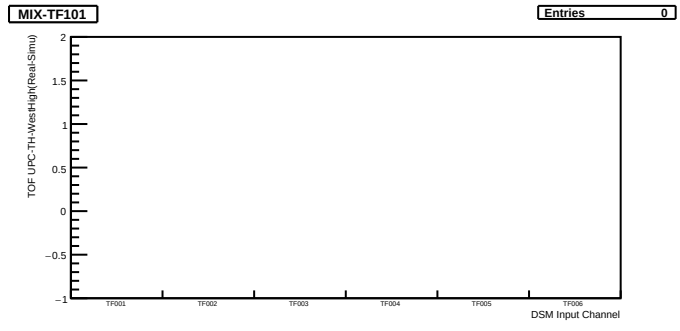

MIX-TF101
Entries 2966586
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

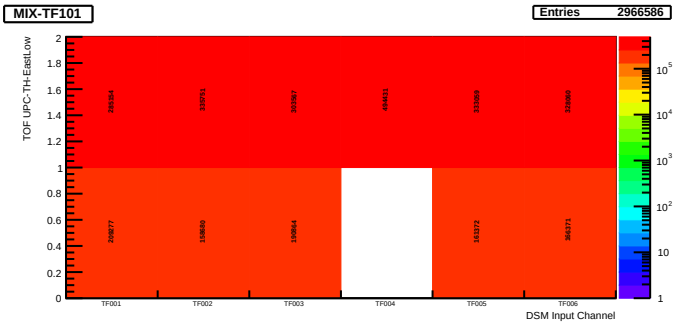

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

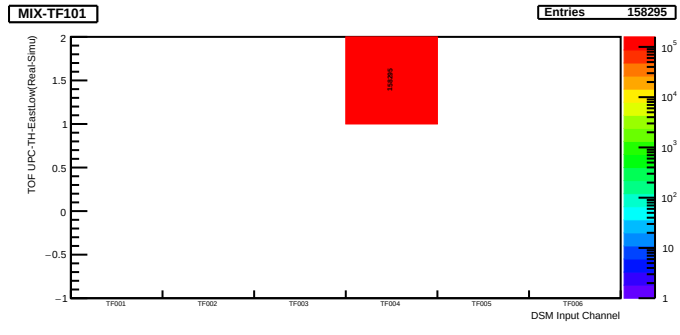

MIX-TF101
Entries 2966586
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

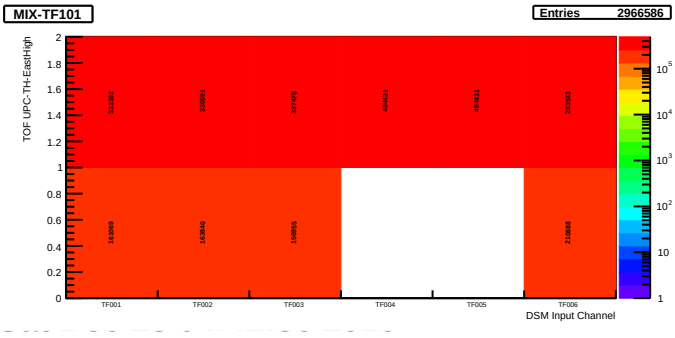

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

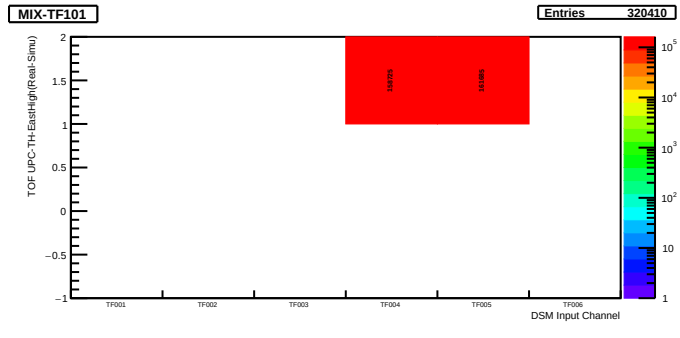

MIX-TF101
Entries 2966586
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

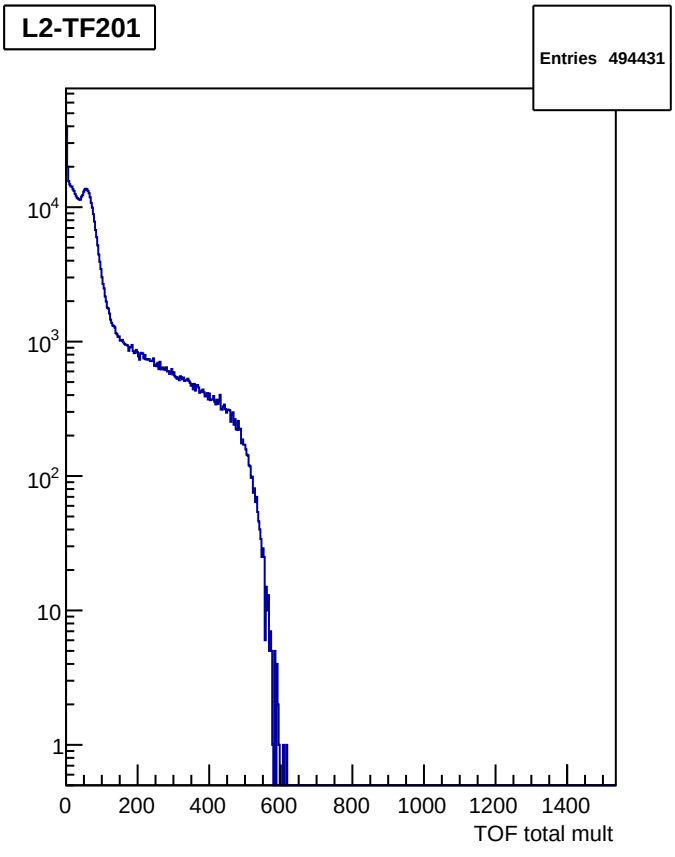

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

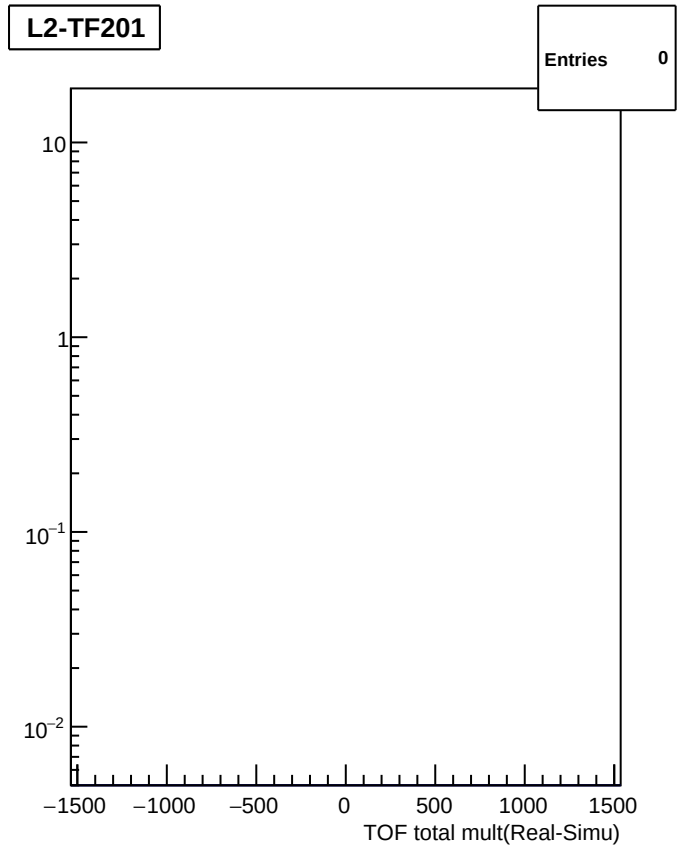

MIX-TF101
Entries 2966586
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

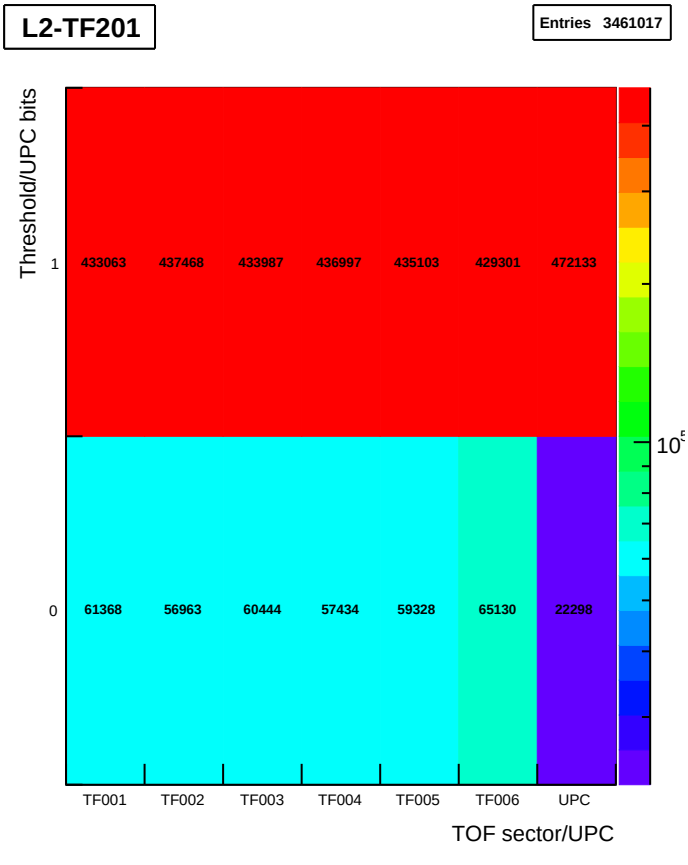

MIX-TF101
Entries 158295
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

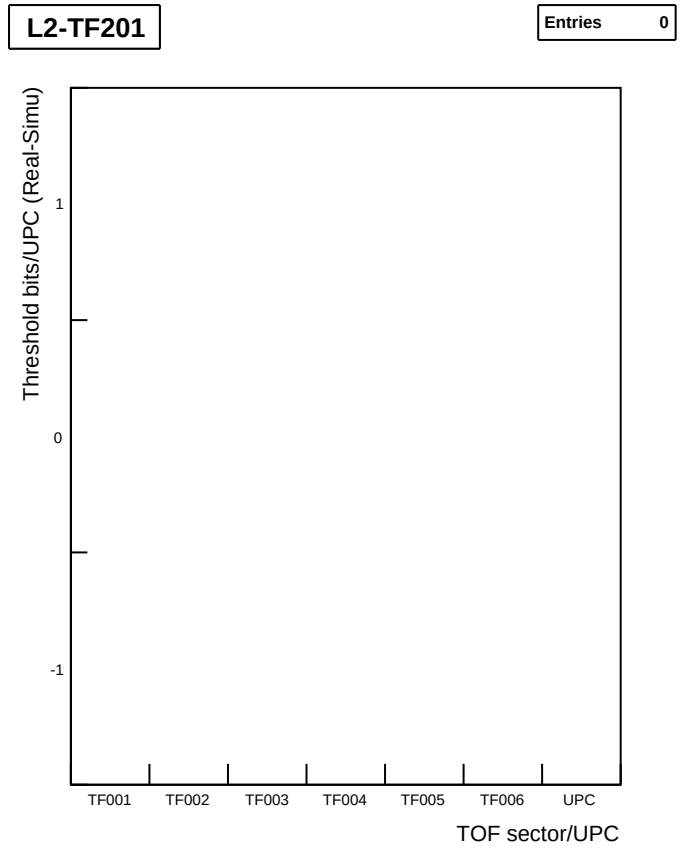

MIX-TF101
Entries 2966586
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

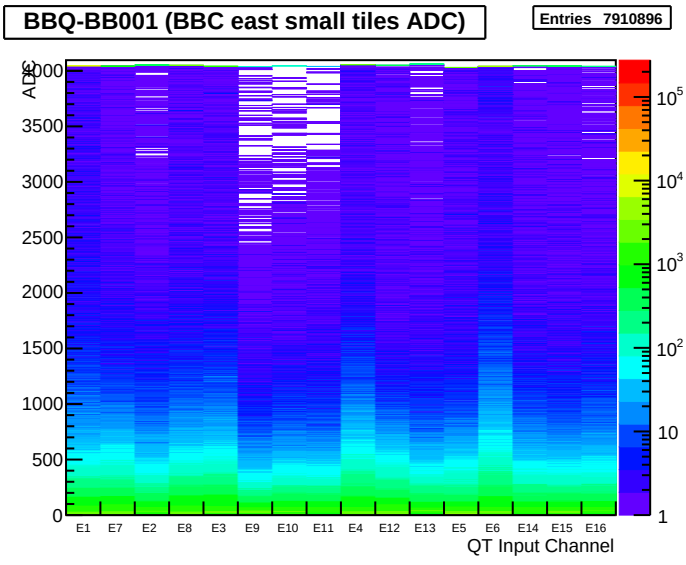

MIX-TF101
Entries 320410
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

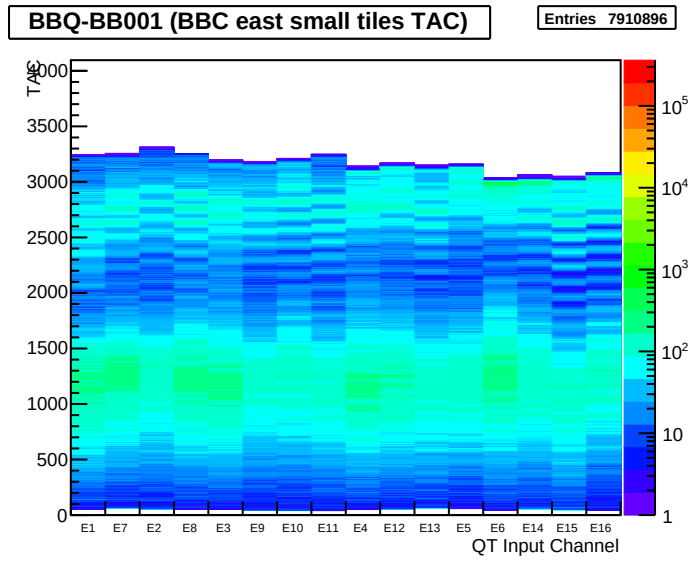

L2-TF201
Entries 494431
TOF total mult

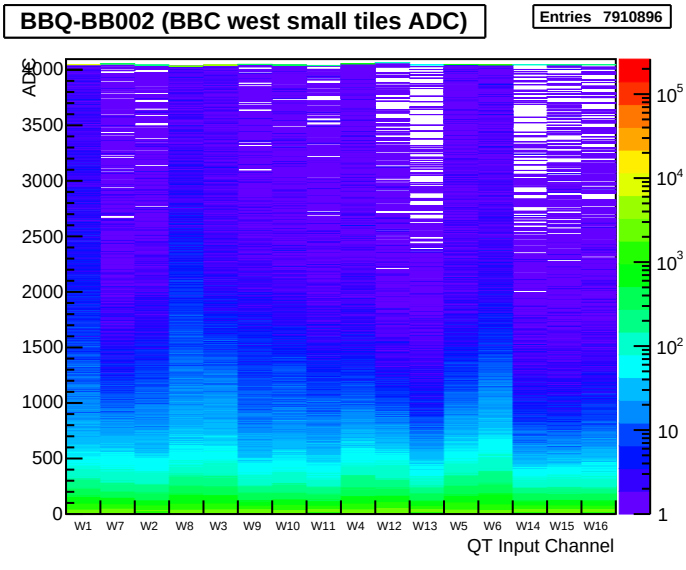

L2-TF201
Entries 0
TOF total mult(Real-Simu)

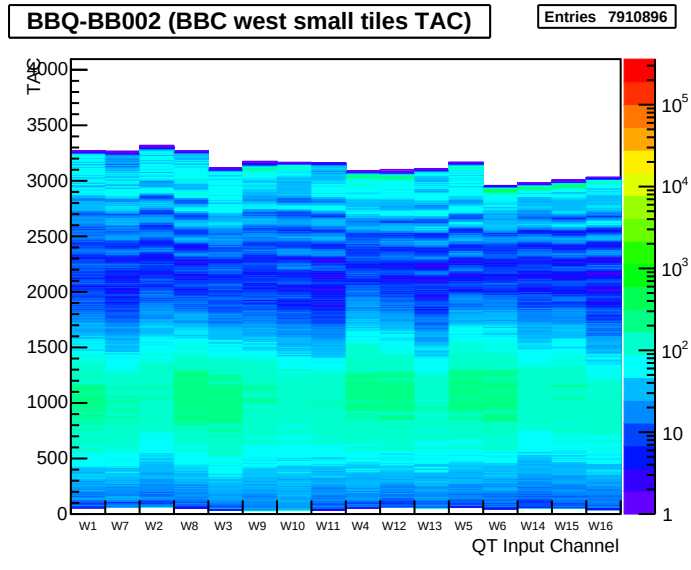

L2-TF201
Entries 3461017
Threshold/UPC bits
433063
437468
433987
436997
435103
429301
472133
61368
56963
60444
57434
59328
65130
22298
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

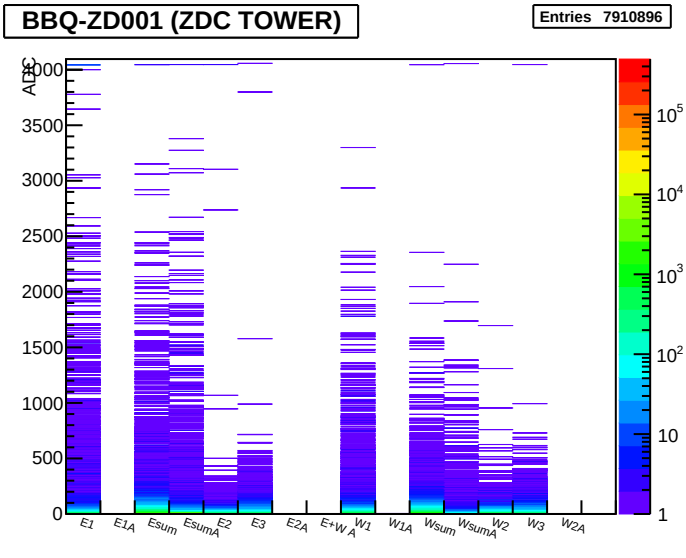

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

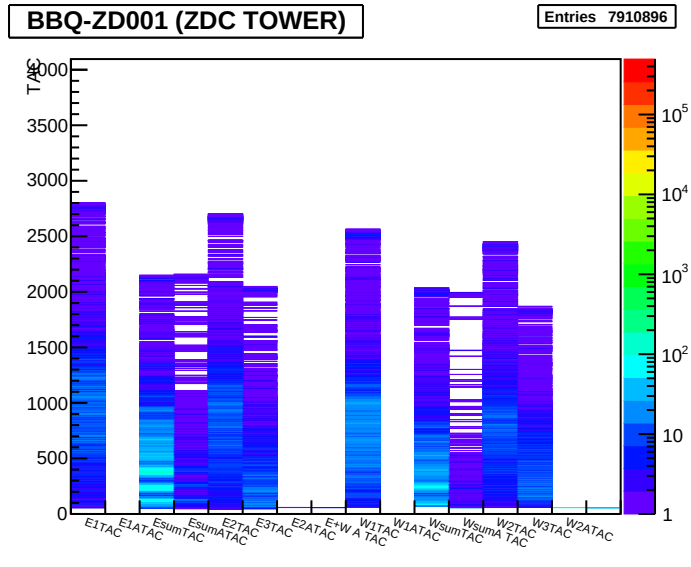

BBQ-BB001 (BBC east small tiles ADC)
Entries 7910896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

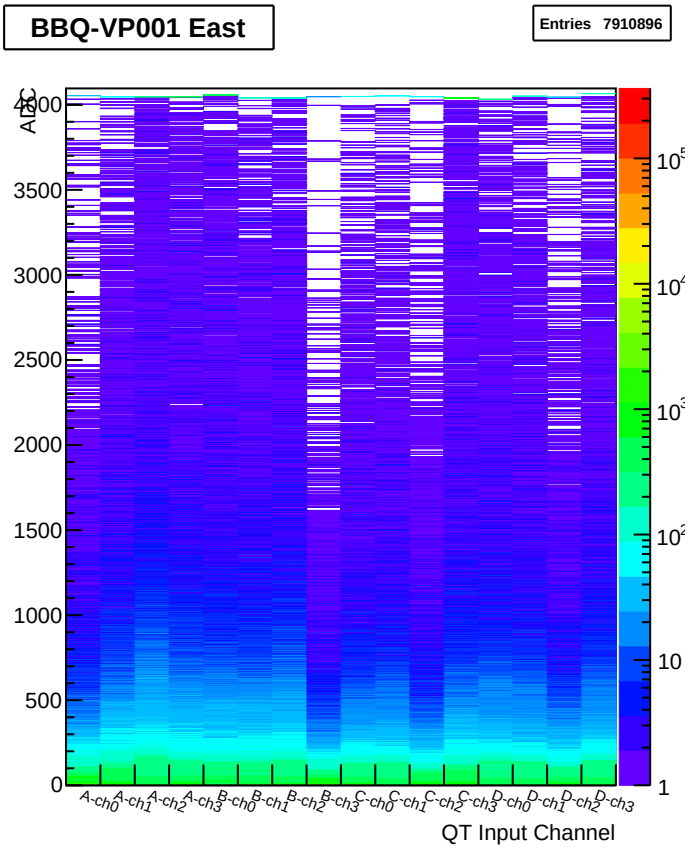

BBQ-BB001 (BBC east small tiles TAC)
Entries 7910896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

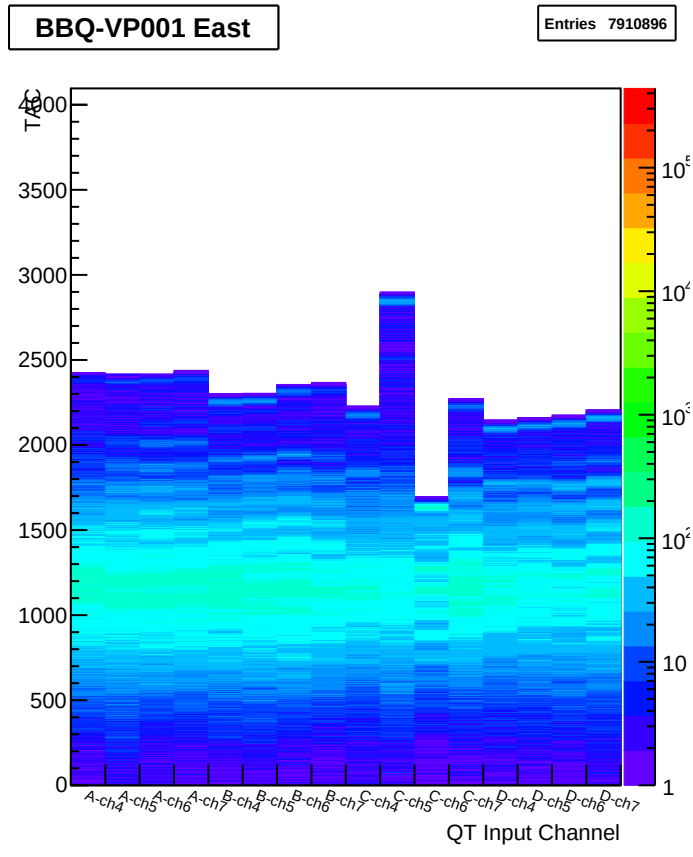

BBQ-BB002 (BBC west small tiles ADC)
Entries 7910896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

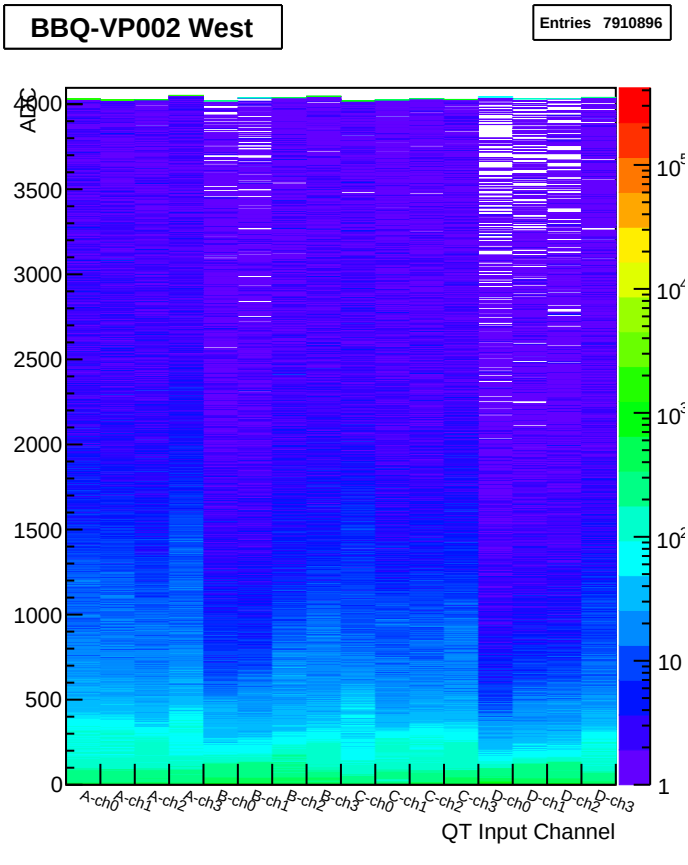

BBQ-BB002 (BBC west small tiles TAC)
Entries 7910896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

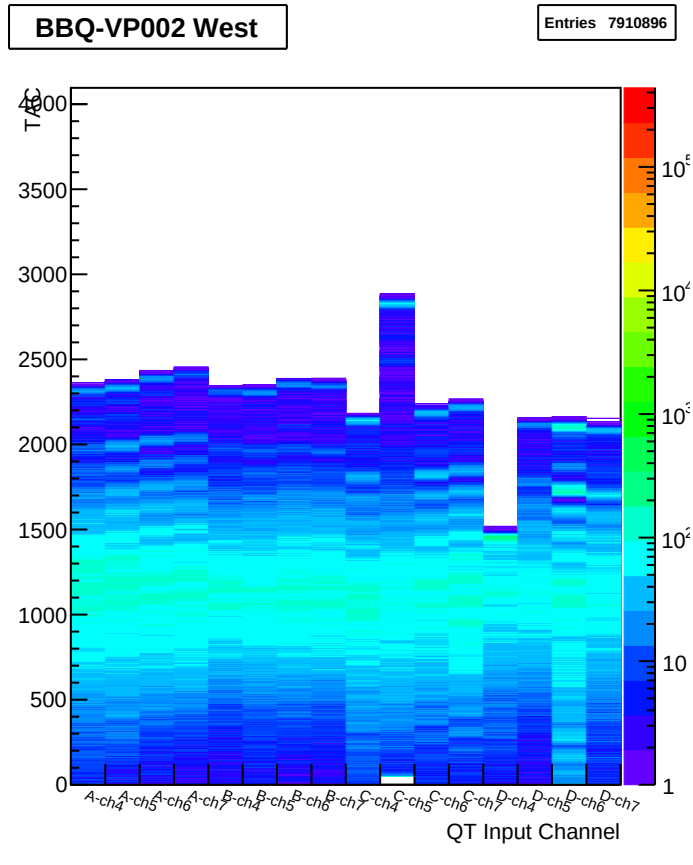

BBQ-ZD001 (ZDC TOWER)
Entries 7910896
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

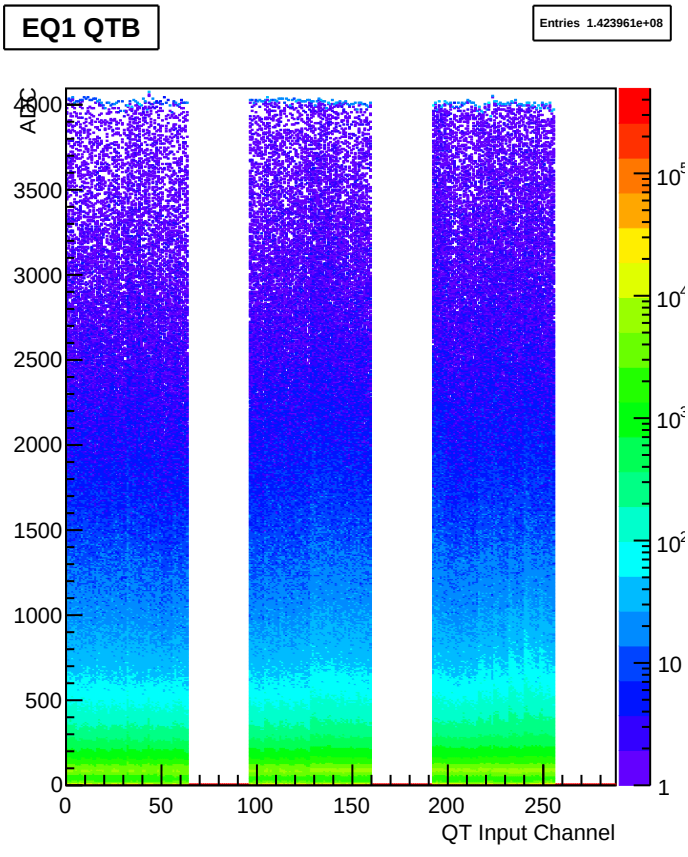

BBQ-ZD001 (ZDC TOWER)
Entries 7910896
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

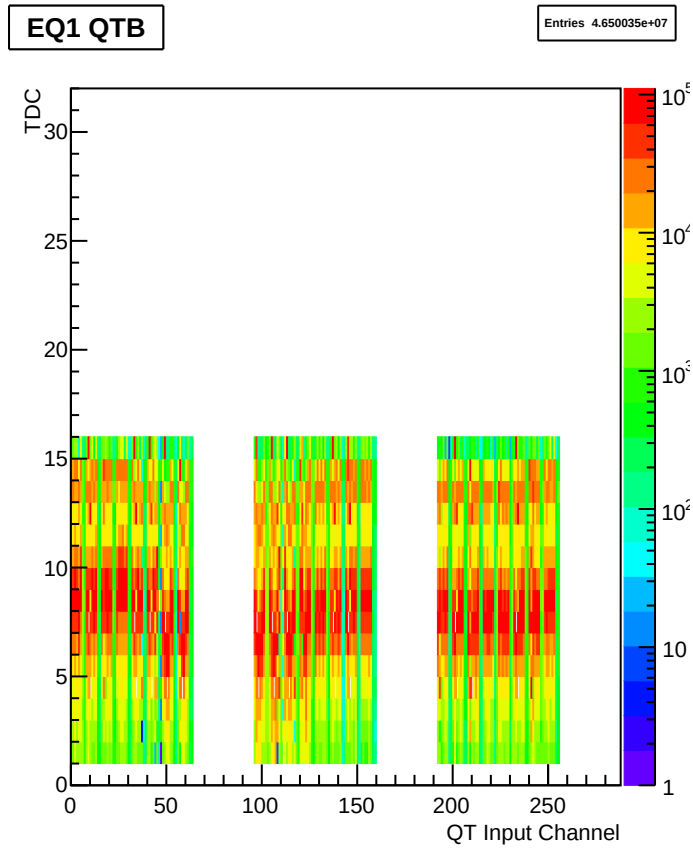

BBQ-VP001 East
Entries 7910896
ADC
QT Input Channel

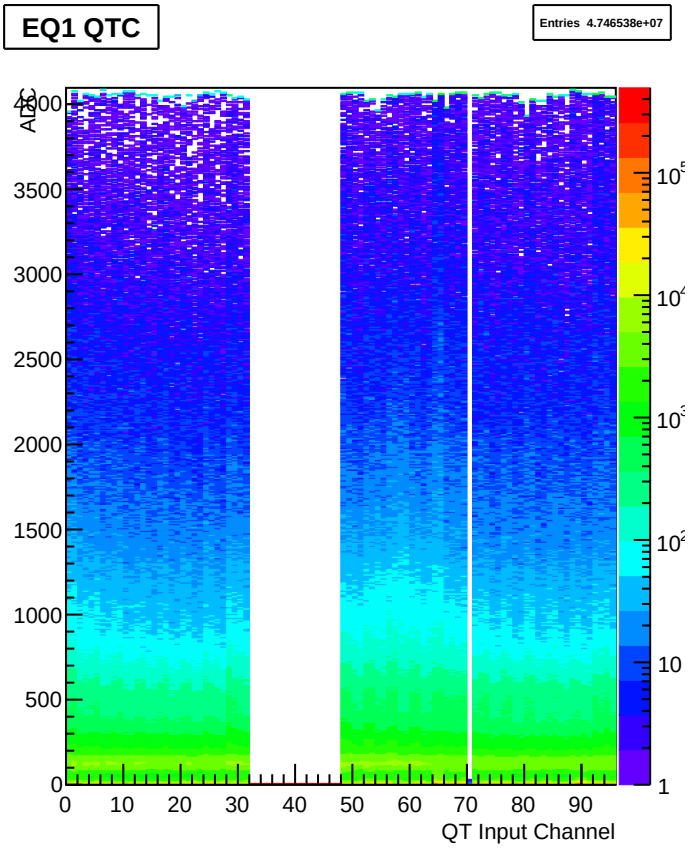

BBQ-VP001 East
Entries 7910896
ADC
QT Input Channel

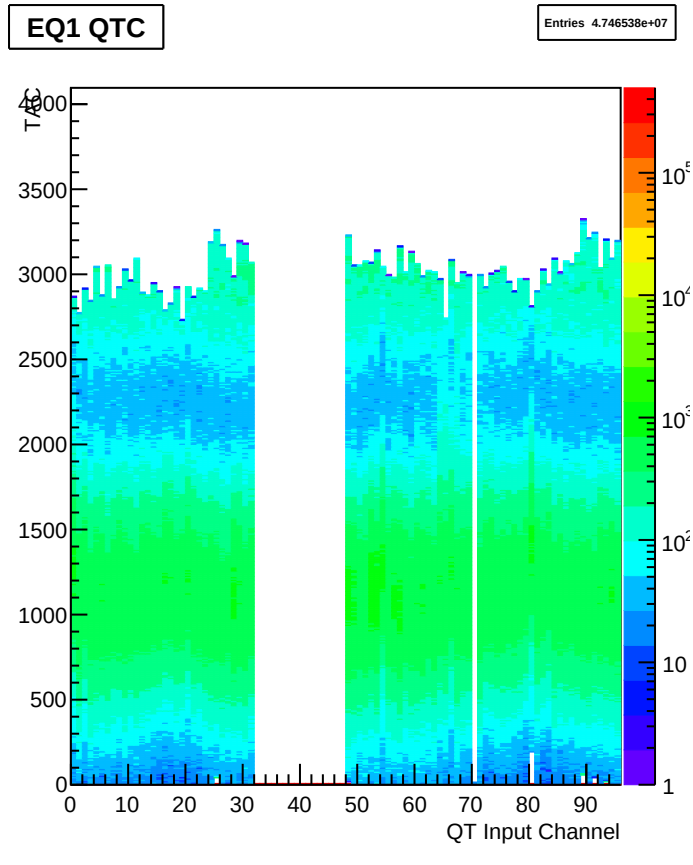

BBQ-VP002 West
Entries 7910896
ADC
QT Input Channel

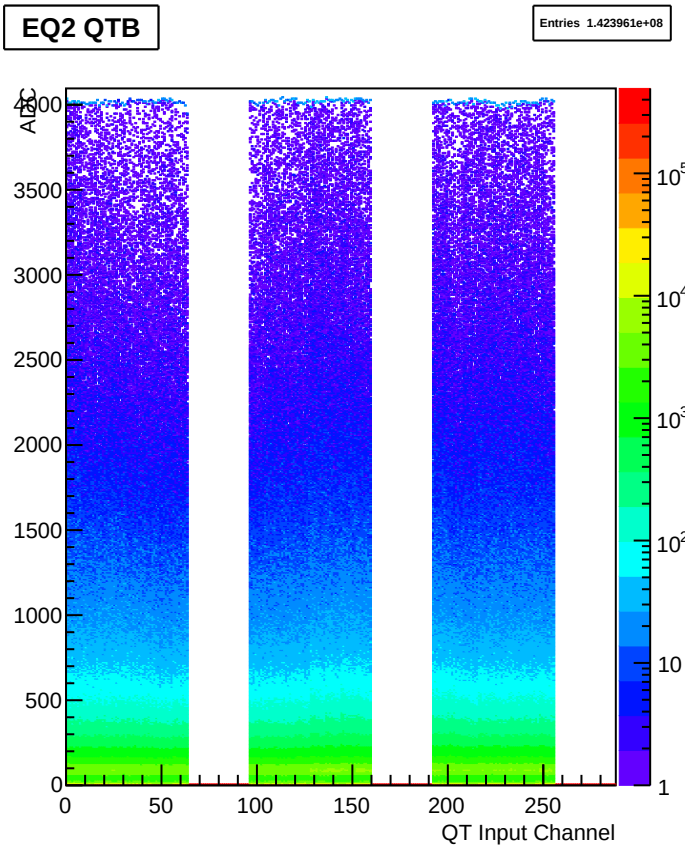

BBQ-VP002 West
Entries 7910896
ADC
QT Input Channel

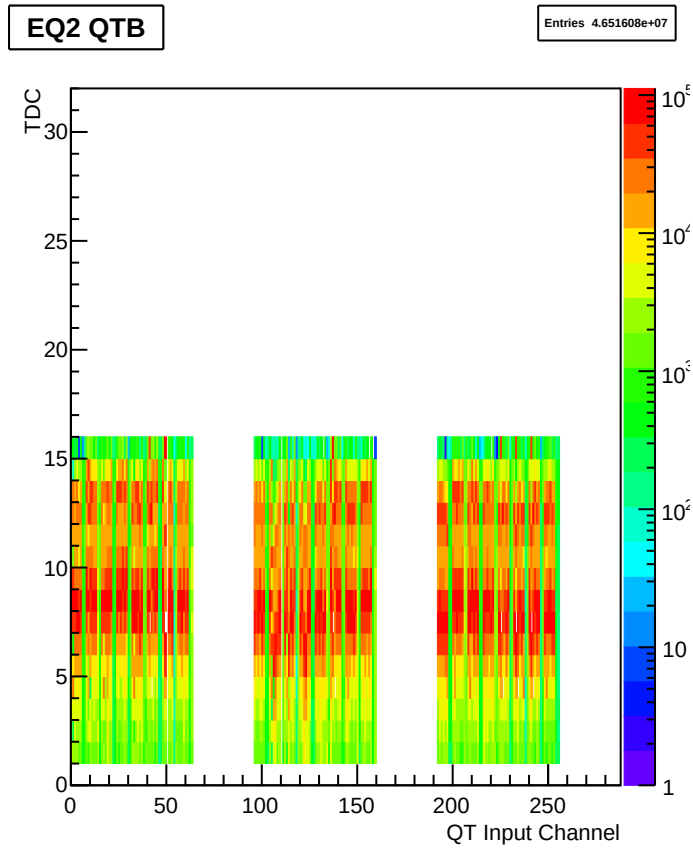

EQ1 QTB
Entries 1.423961e+08
ADC
QT Input Channel

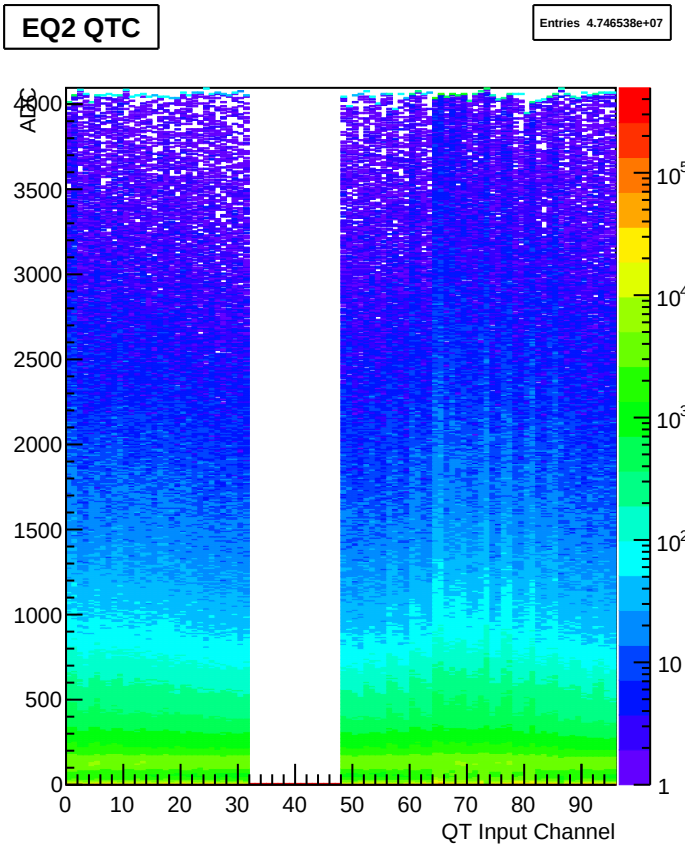

EQ1 QTB
Entries 4.650035e+07
TDC
QT Input Channel

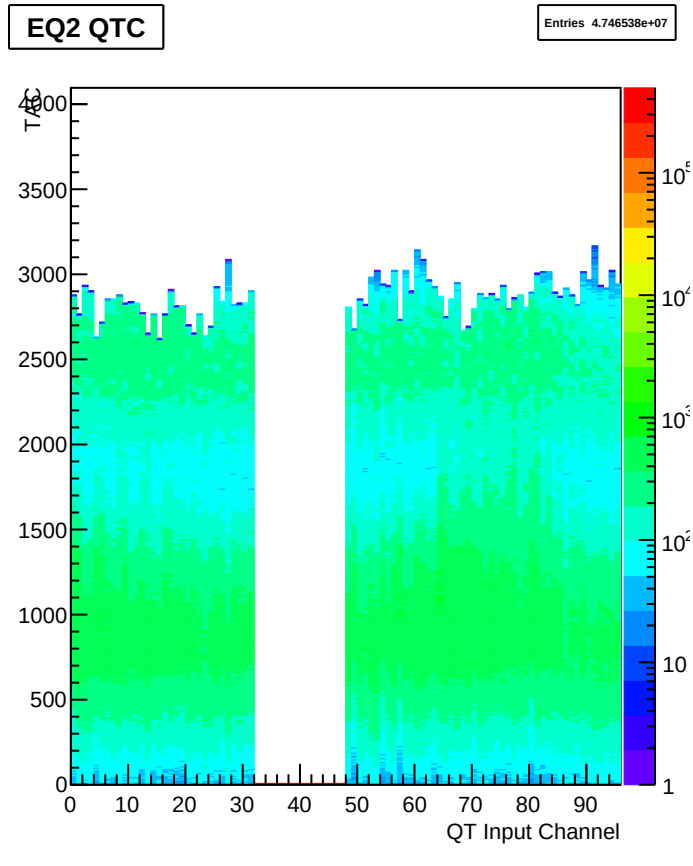

EQ1 QTC
Entries 4.746538e+07
ADC
QT Input Channel

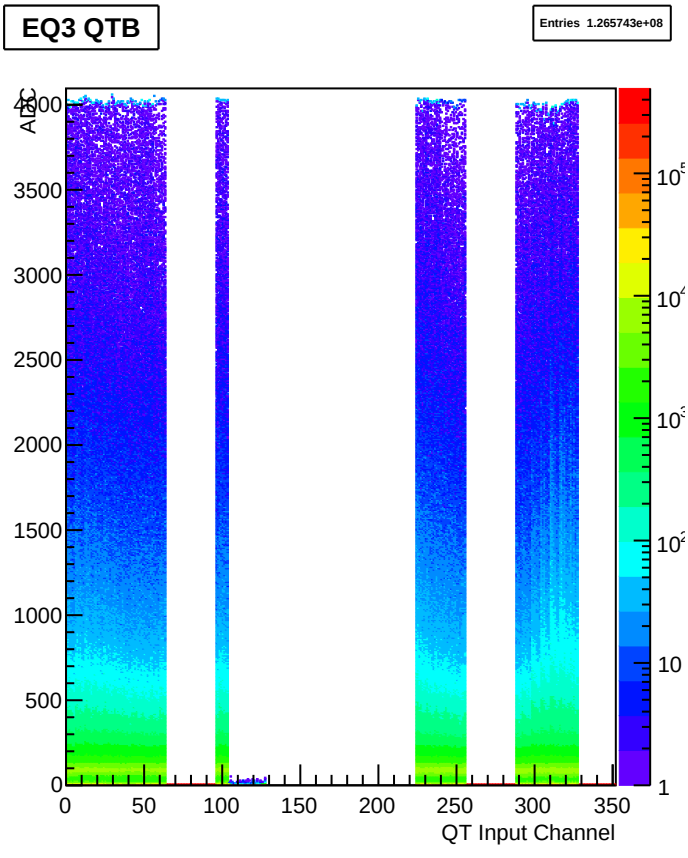

EQ1 QTC
Entries 4.746538e+07
TADC
QT Input Channel

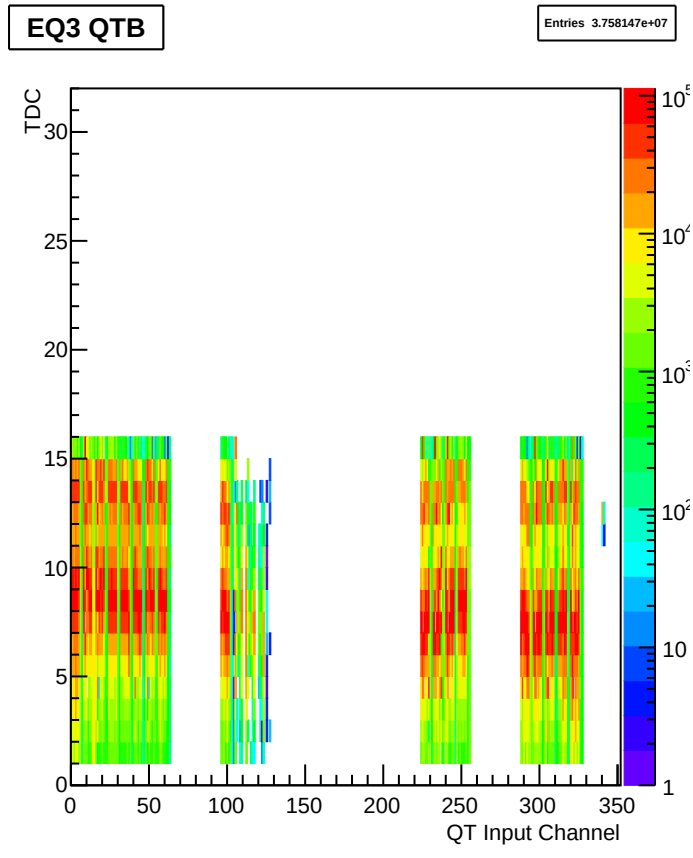

EQ2 QTB
Entries 1.423961e+08
ADC
QT Input Channel

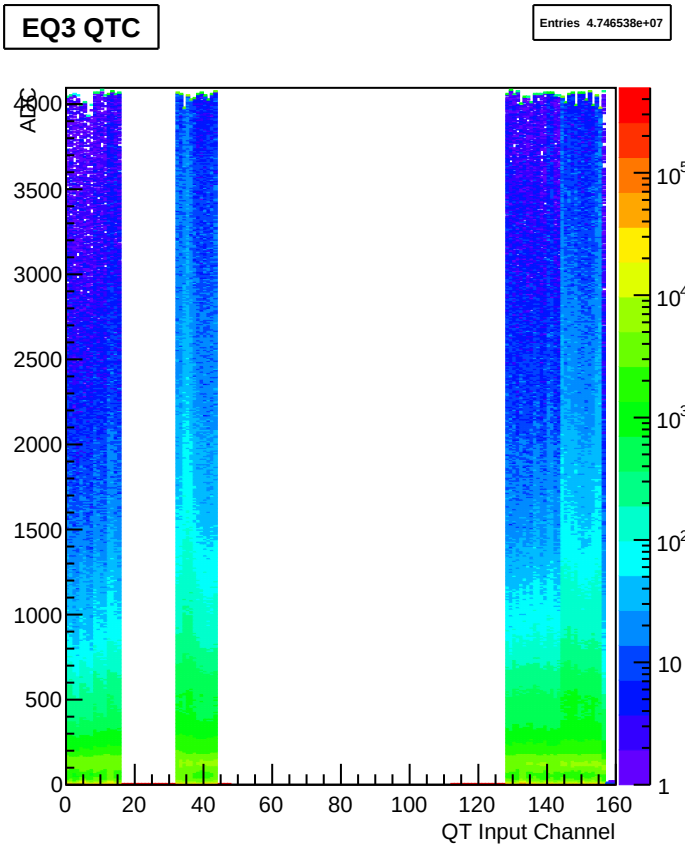

EQ2 QTB
Entries 4.651608e+07
TDC
QT Input Channel

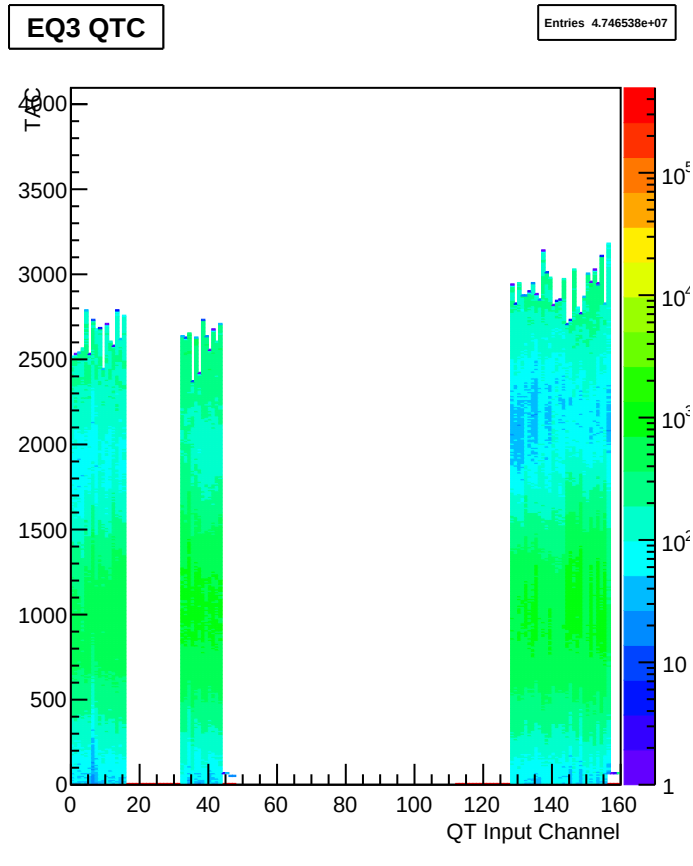

EQ2 QTC
Entries 4.746538e+07
ADC
QT Input Channel

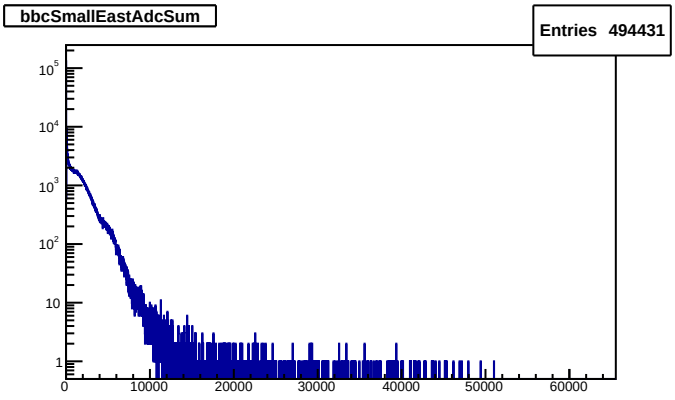

EQ2 QTC
Entries 4.746538e+07
TADC
QT Input Channel

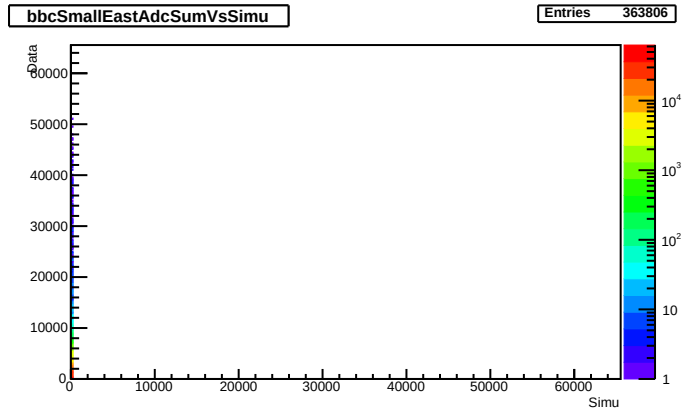

EQ3 QTB
Entries 1.265743e+08
ADC
QT Input Channel

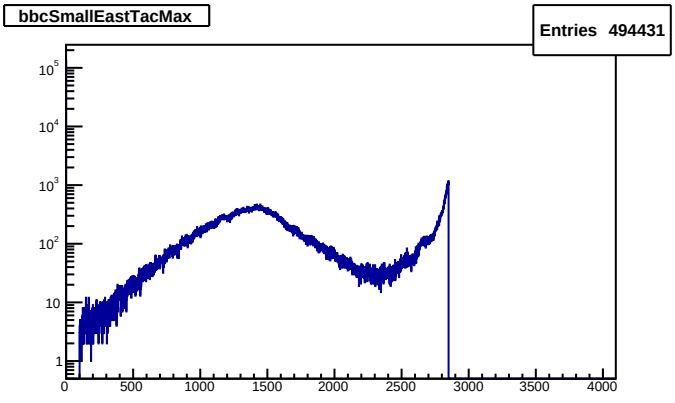

EQ3 QTB
Entries 3.758147e+07
TDC
QT Input Channel

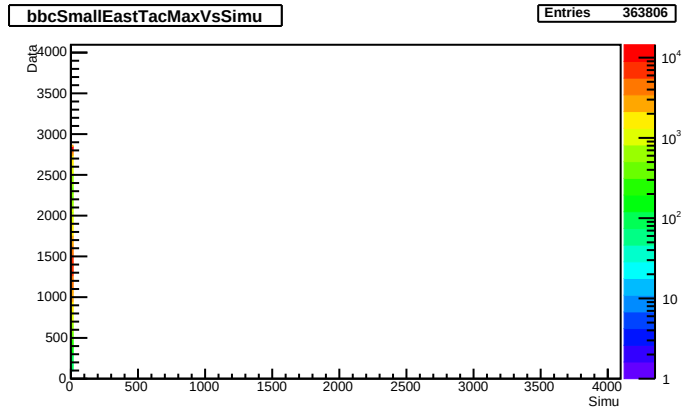

EQ3 QTC
Entries 4.746538e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.746538e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 494431


bbcSmallEastAdcSumVsSimu
Entries 363806
Data
Simu


bbcSmallEastTacMax
Entries 494431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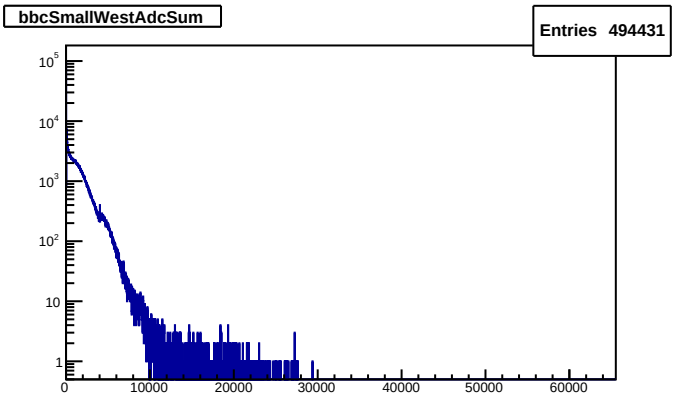
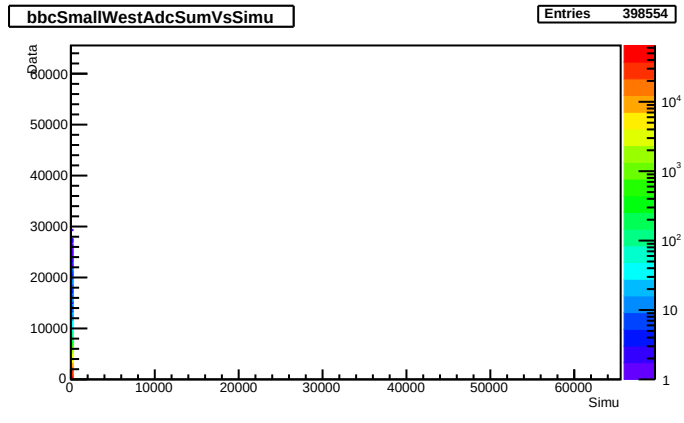
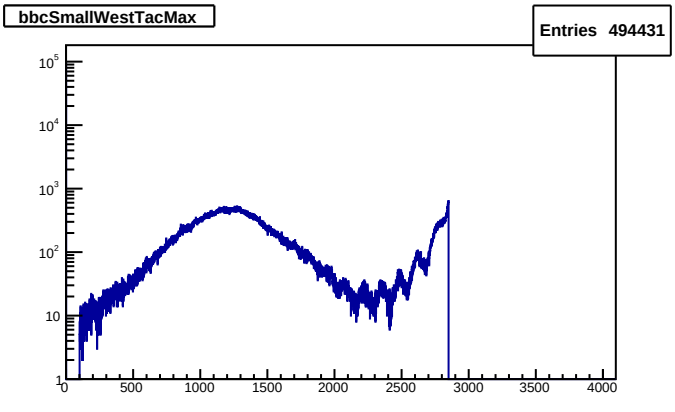
Entries 363806
Data
Simu


bbcSmallWestAdcSum
Entries 494431


bbcSmallWestAdcSumVsSimu
Entries 398554
Data
Simu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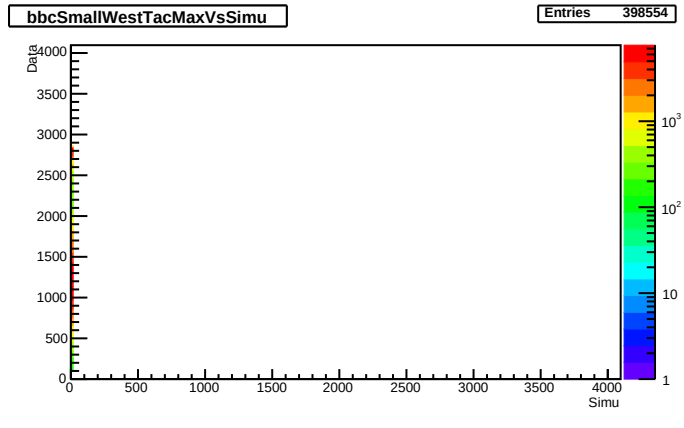
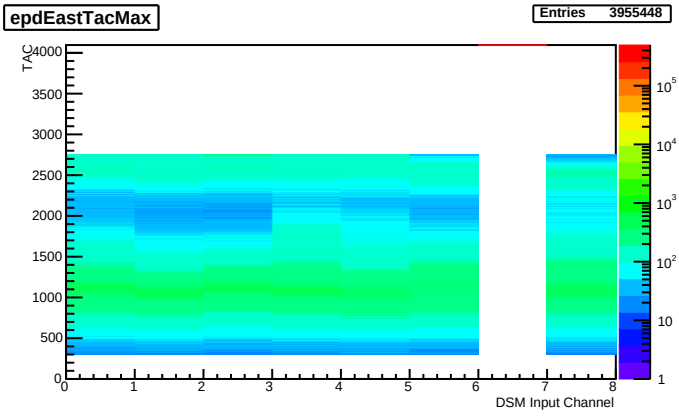
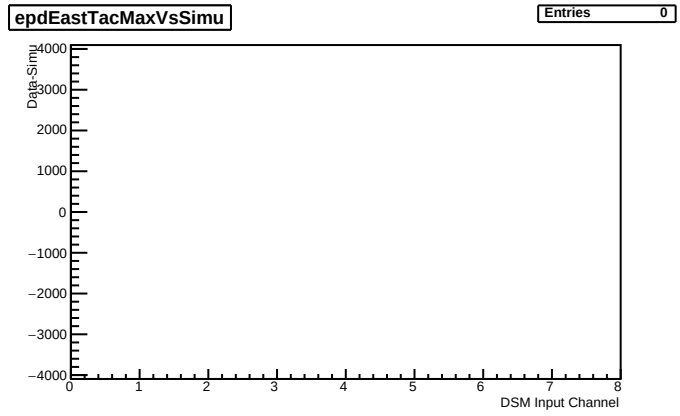
Entries 494431


bbcSmallWestTacMaxVsSimu
Entries 398554
Data
Simu


epdEastTacMax
Entries 3955448
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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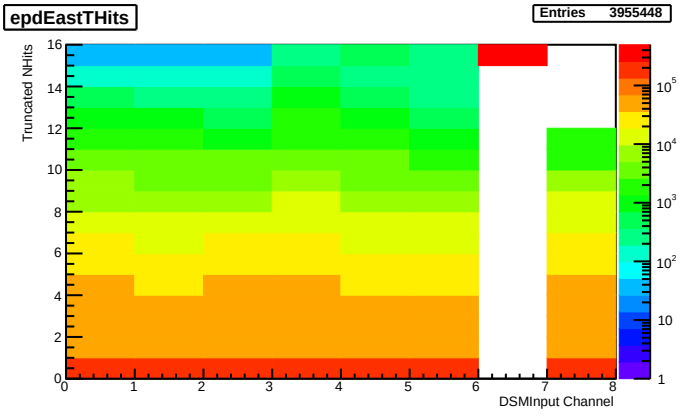
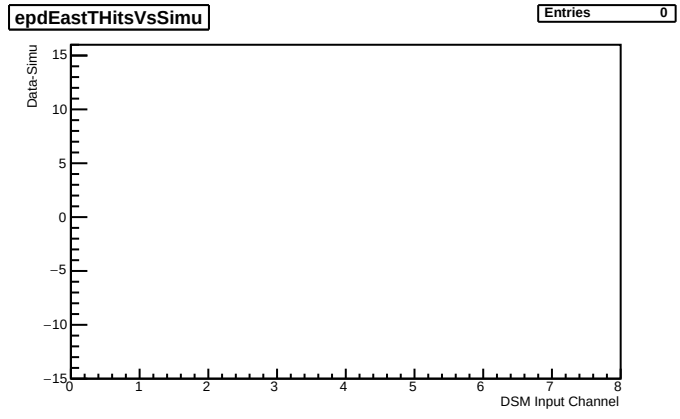

epdEastTHits
Entries 3955448
Truncated NHits
DSMInput Channel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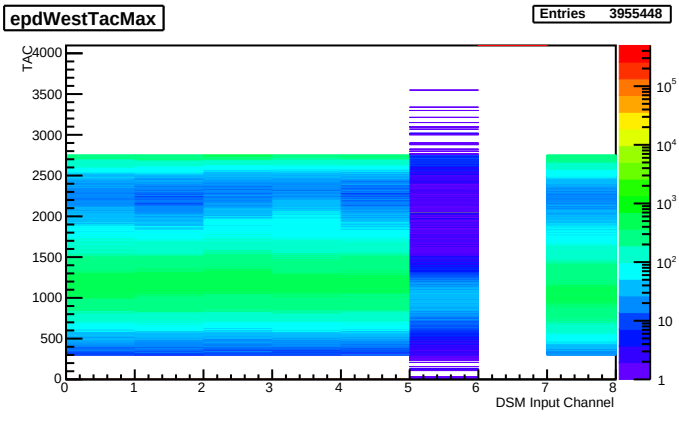
Data-Simu
DSM Input Channel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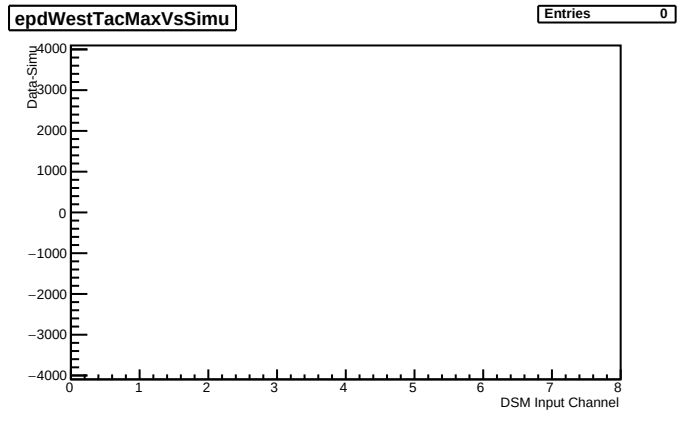
Entries 3955448
TAC
DSM Input Channel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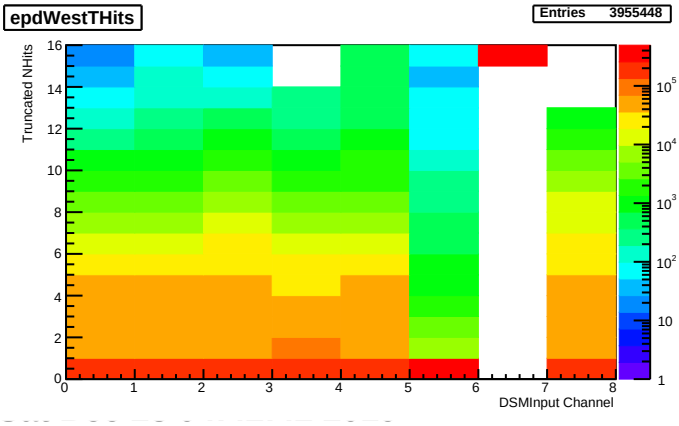
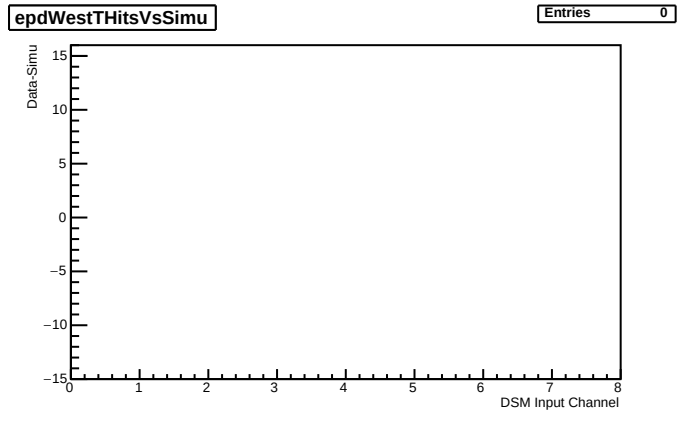
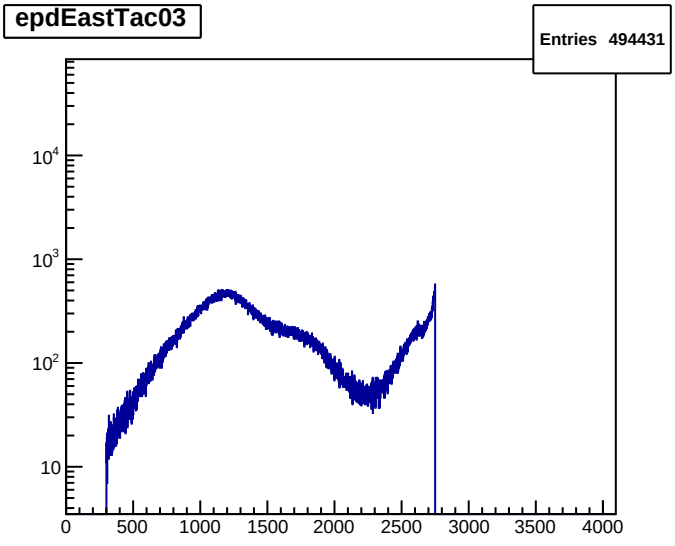
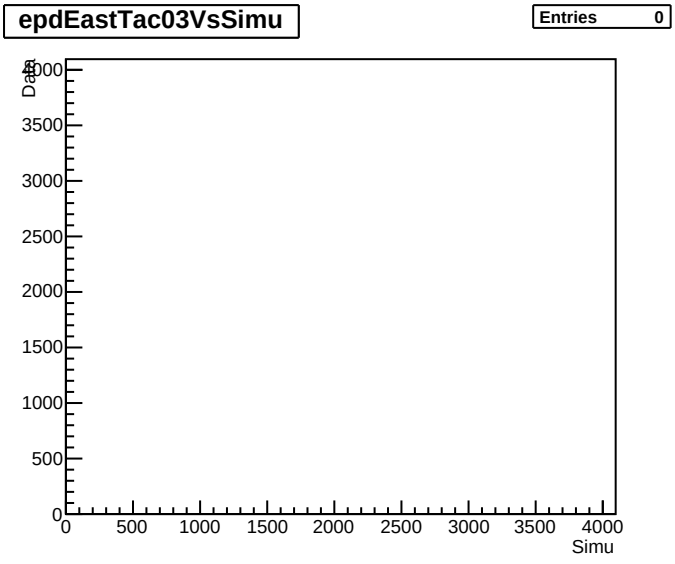
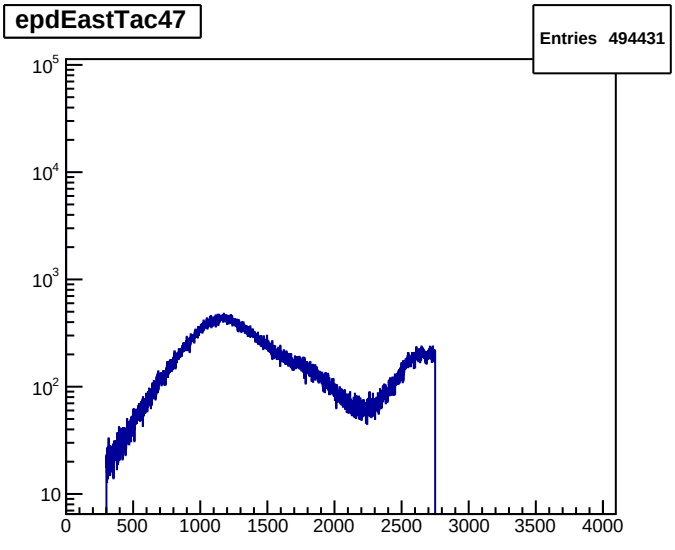
Entries 0
Data-Simu
DSM Input Channel

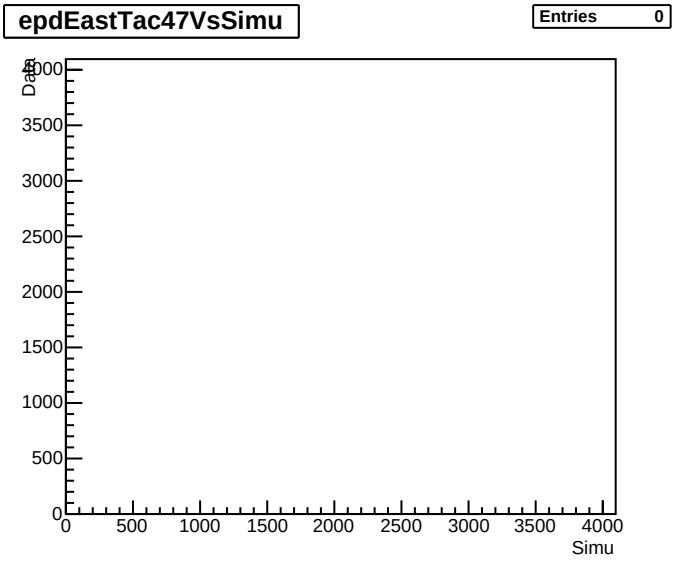

epdWestTHits
Entries 3955448
Truncated NHits
DSMInput Channel

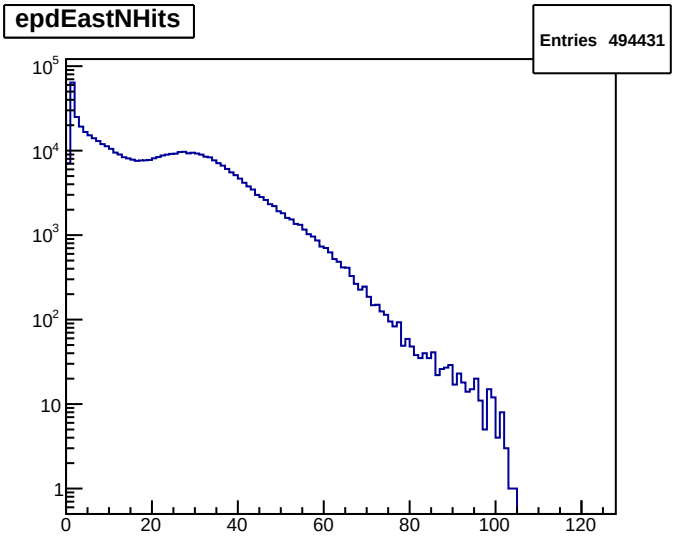

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

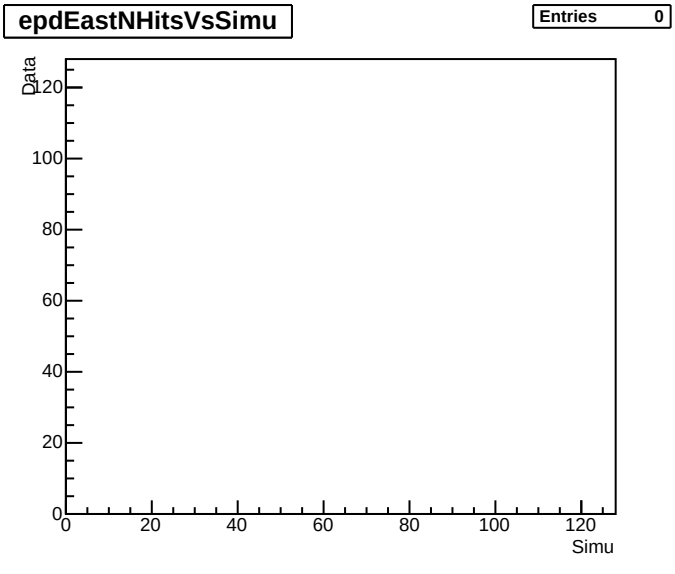

epdEastTac03
Entries 494431

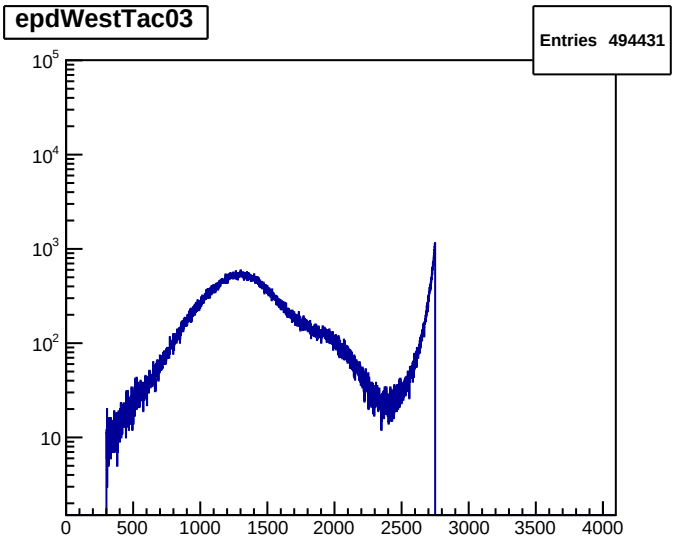

epdEastTac03VsSimu
Entries 0
Data
Simu

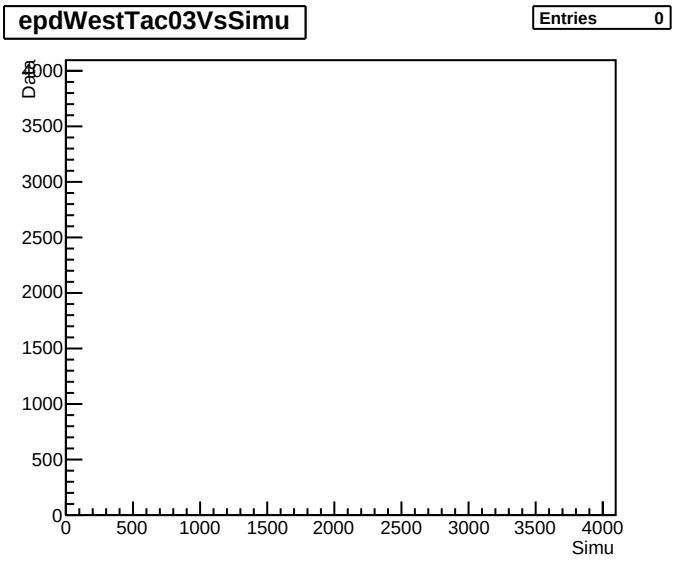

epdEastTac47
Entries 494431


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 494431


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 494431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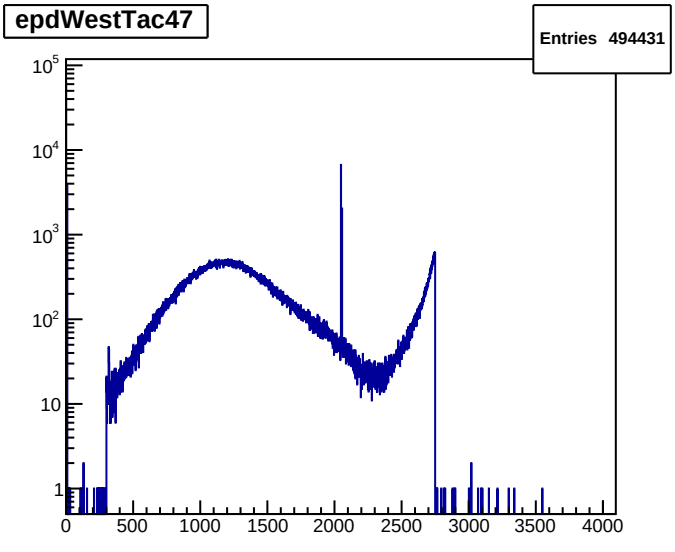
Entries 0
Data
Simu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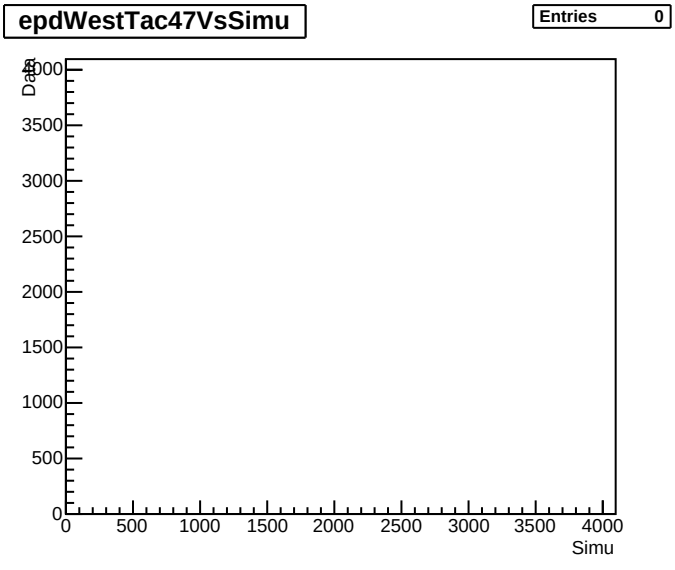
Entries 494431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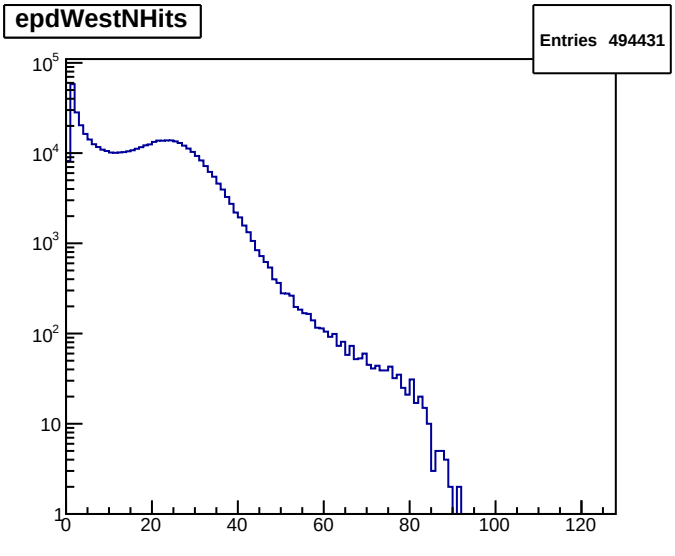
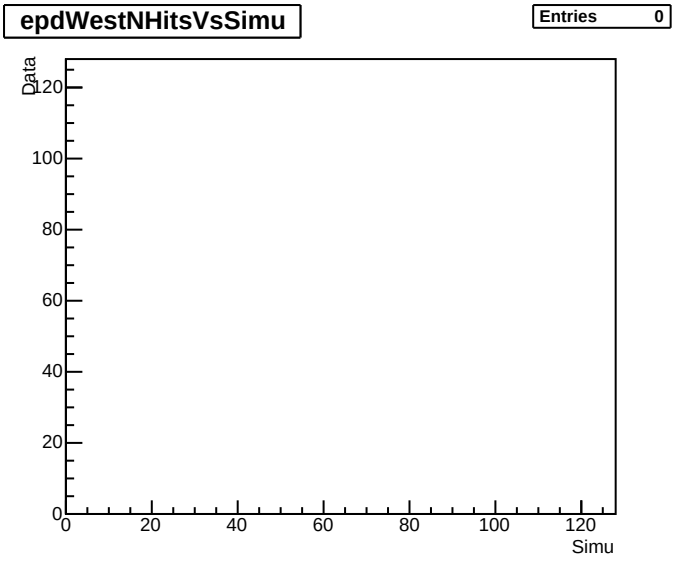
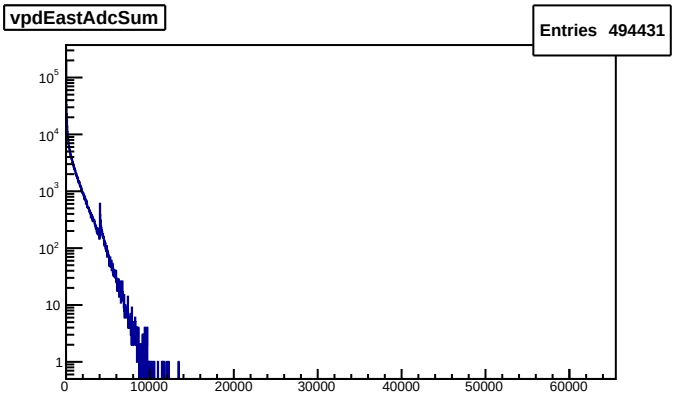
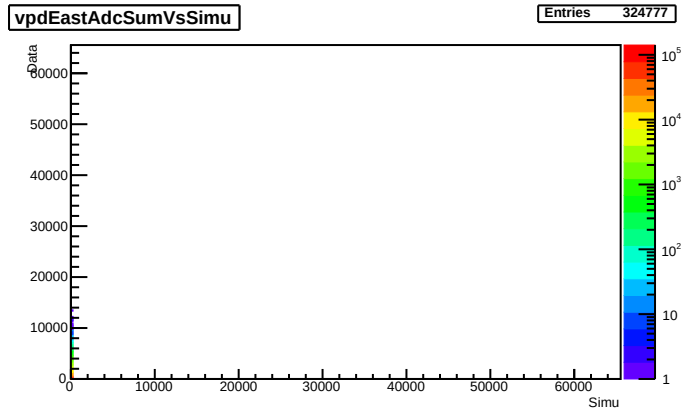
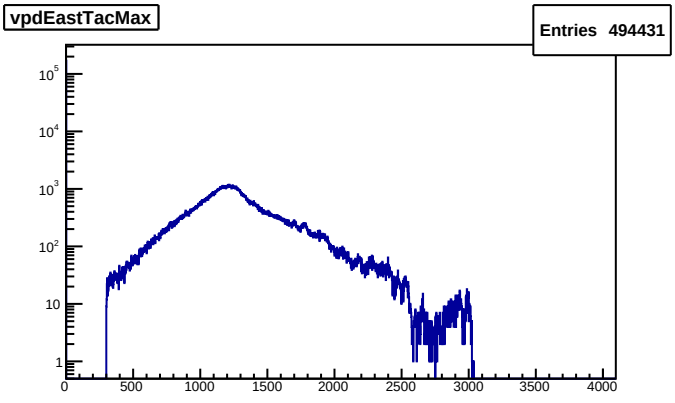
Entries 0
Data
Simu

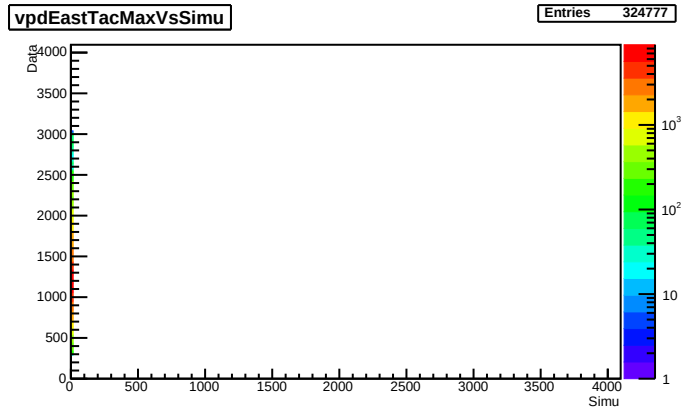

epdWestNHits
Entries 494431

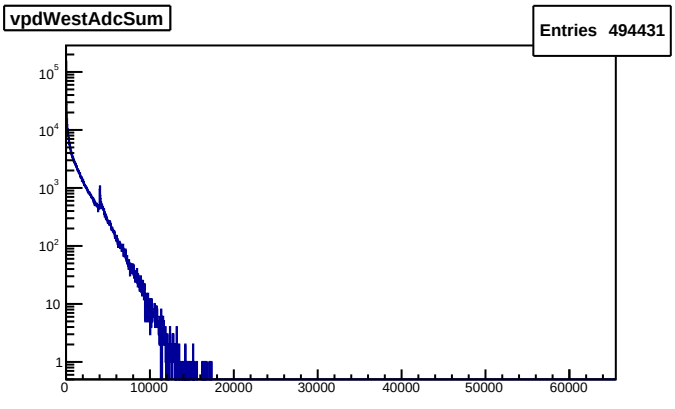

epdWestNHitsVsSimu
Entries 0
Data
Simu

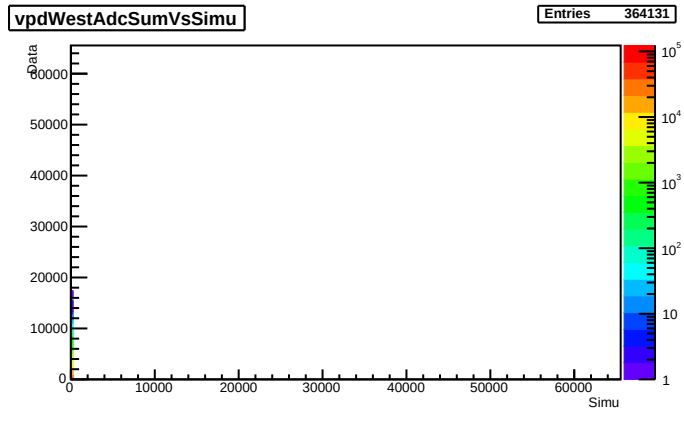

vpdEastAdcSum
Entries 494431

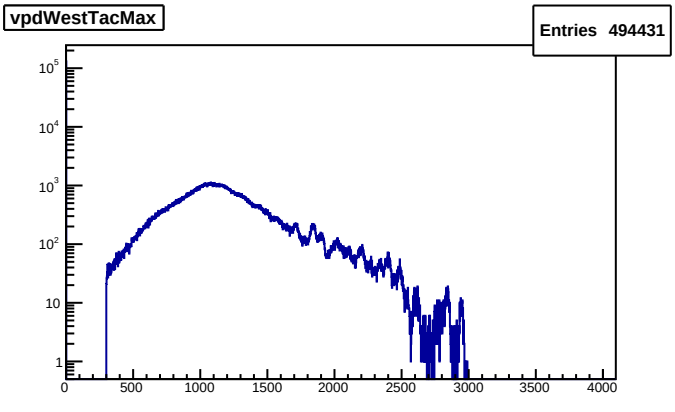

vpdEastAdcSumVsSimu
Entries 324777
Data
Simu

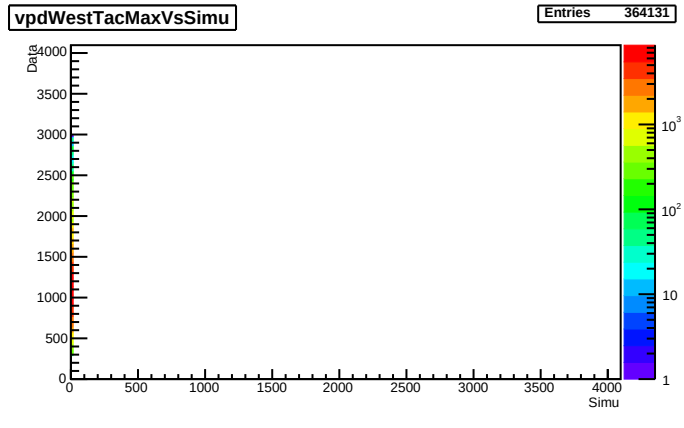

vpdEastTacMax
Entries 494431

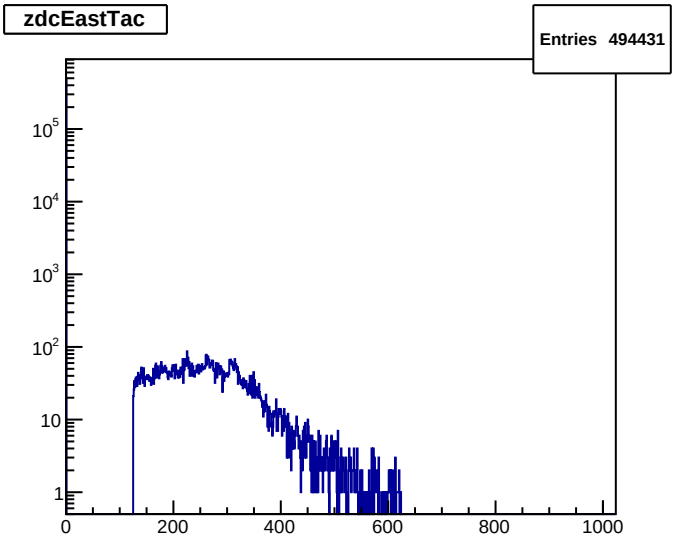

vpdEastTacMaxVsSimu
Entries 324777
Data
Simu

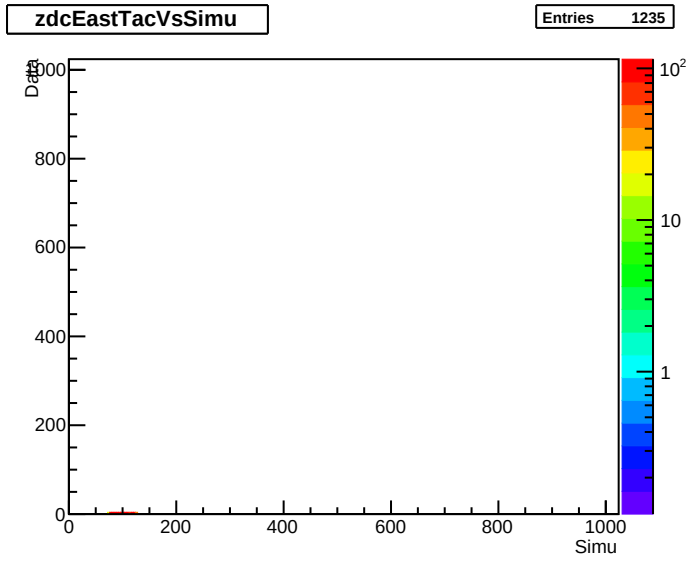

vpdWestAdcSum
Entries 494431

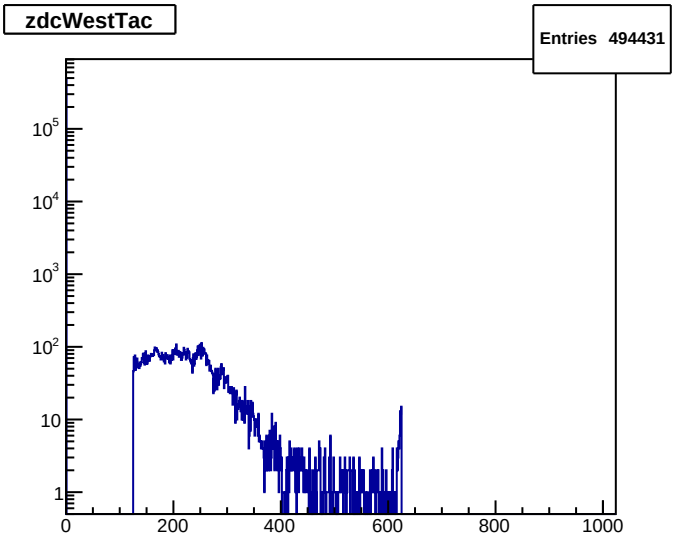

vpdWestAdcSumVsSimu
Entries 364131
Data
Simu

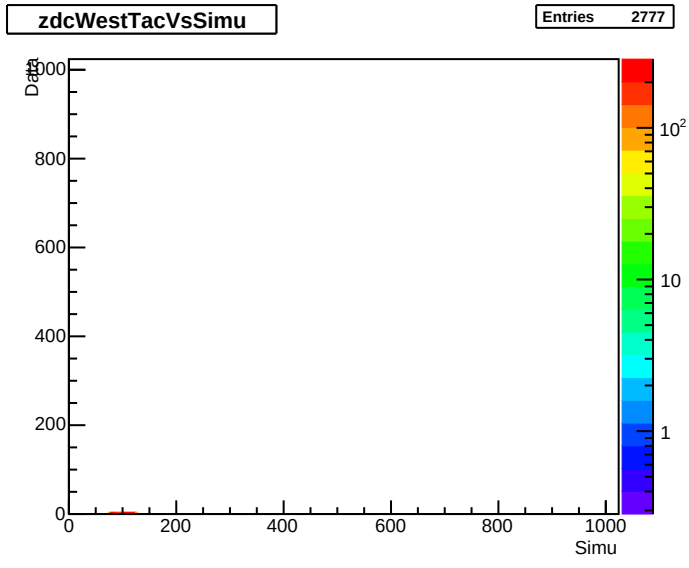

vpdWestTacMax
Entries 494431

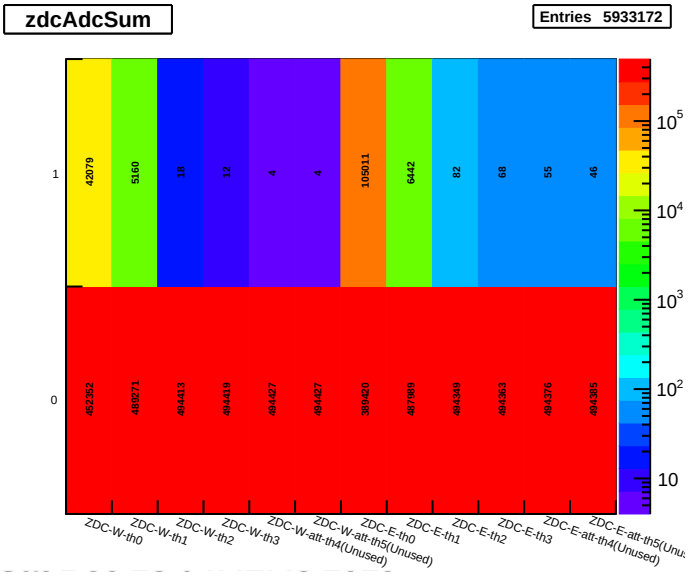

vpdWestTacMaxVsSimu
Entries 364131
Data
Simu

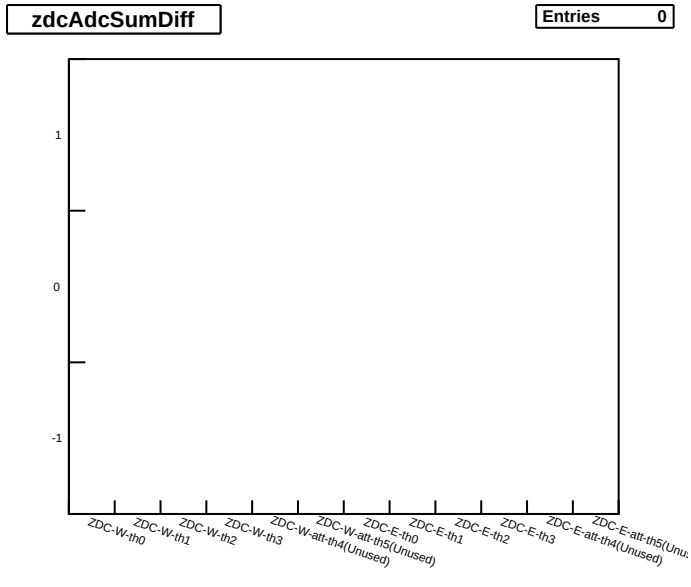

zdcEastTac
Entries 494431

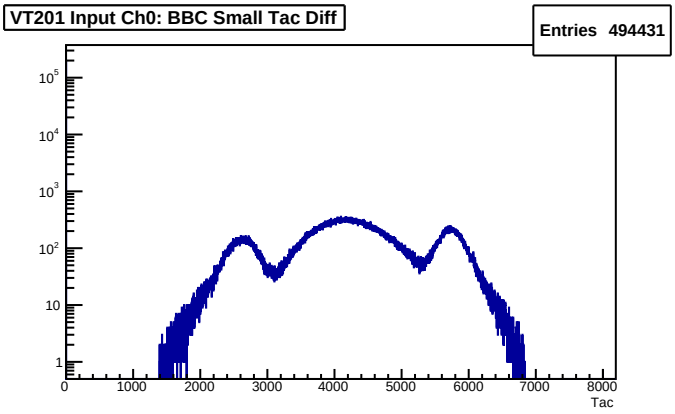

zdcEastTacVsSimu
Entries 1235
Data
Simu

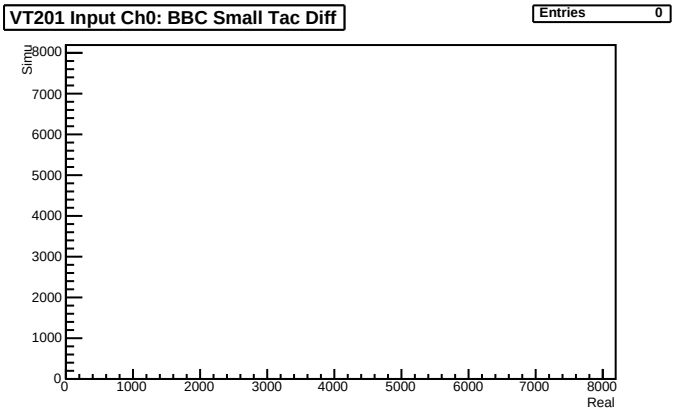

zdcWestTac
Entries 494431

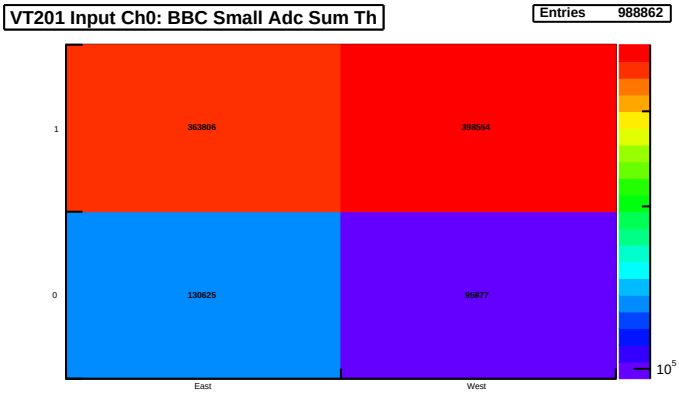

zdcWestTacVsSimu
Entries 2777
Data
Simu

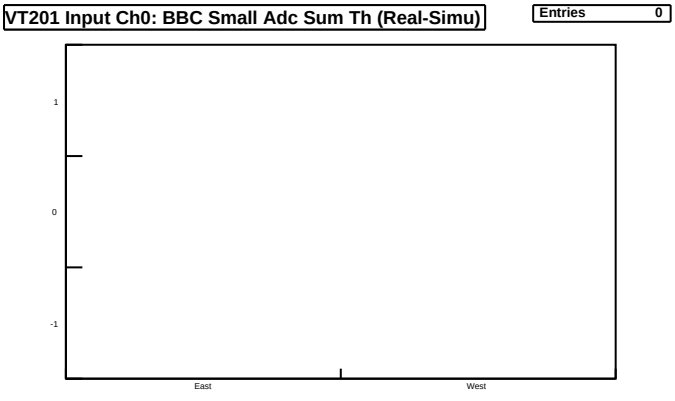

zdcAdcSum
Entries 5933172
42079
5160
18
12
4
4
105011
6442
82
68
55
46
452352
489271
494413
494419
494427
494427
389420
487889
494349
494353
494376
494385
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

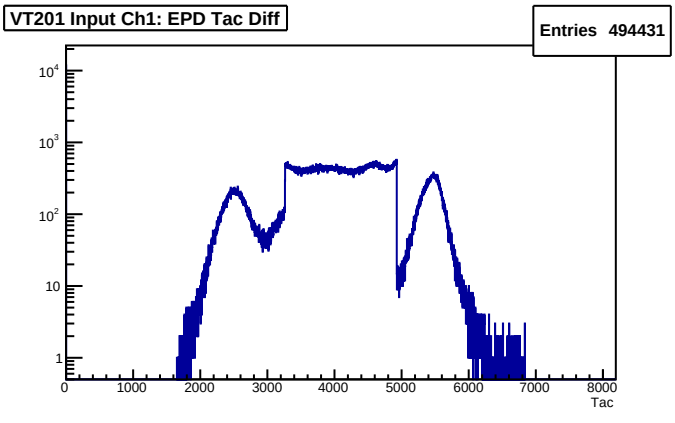

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

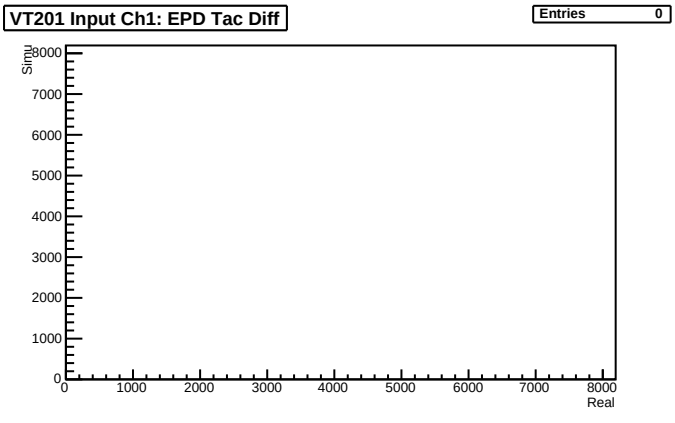

VT201 Input Ch0: BBC Small Tac Diff
Entries 494431
Tac

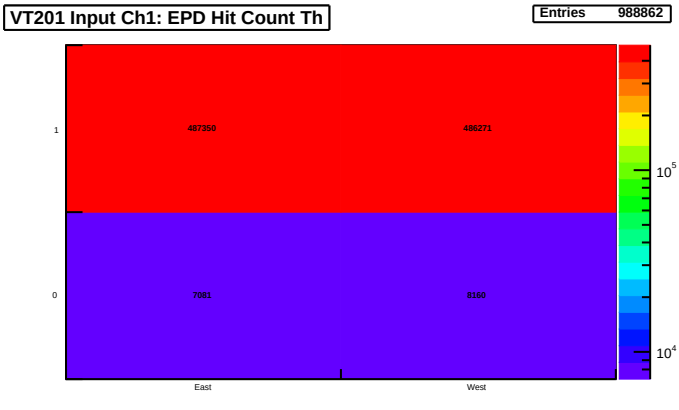

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

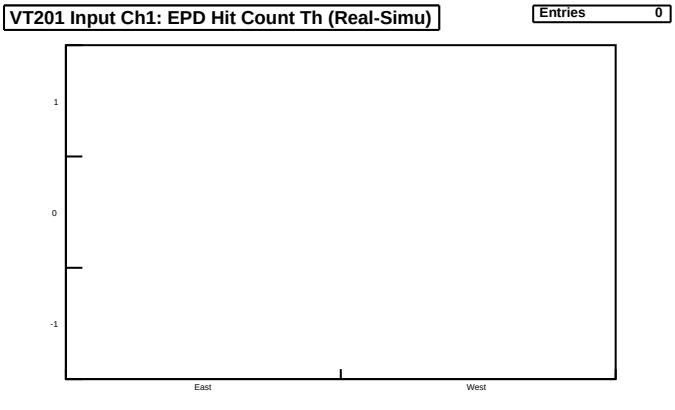

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 988862
363806
398554
130625
95877
East
West

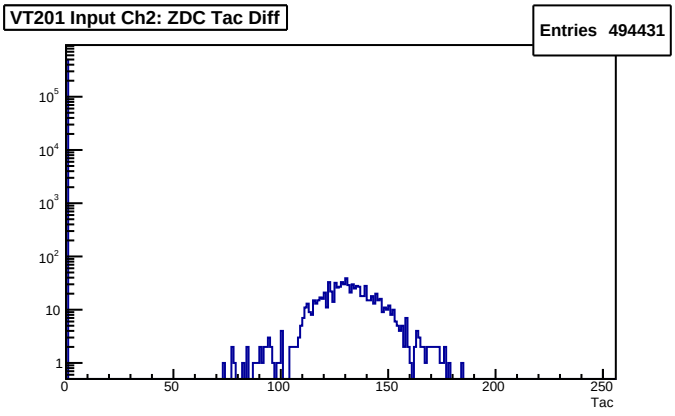

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

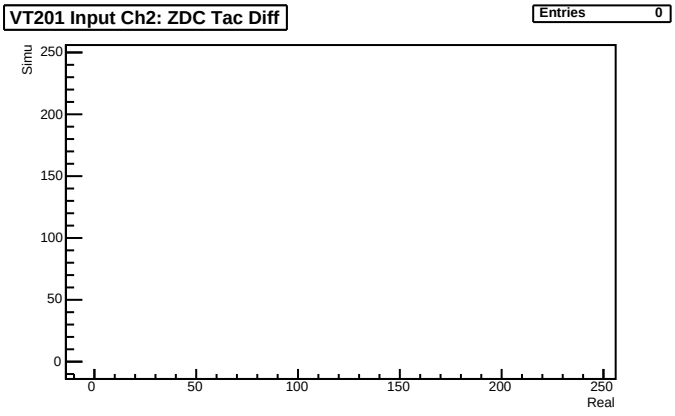

VT201 Input Ch1: EPD Tac Diff
Entries 494431
Tac

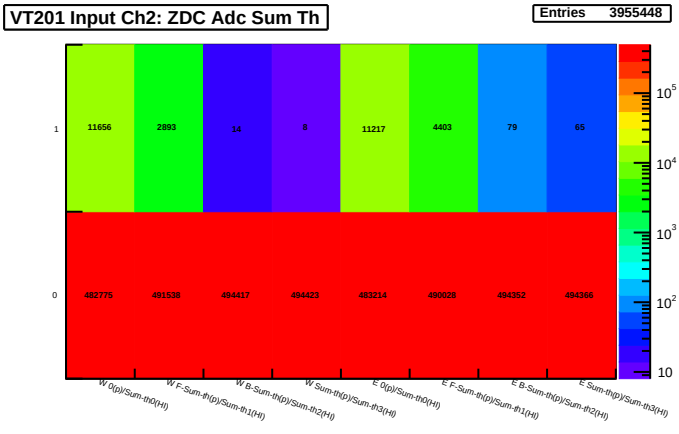

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

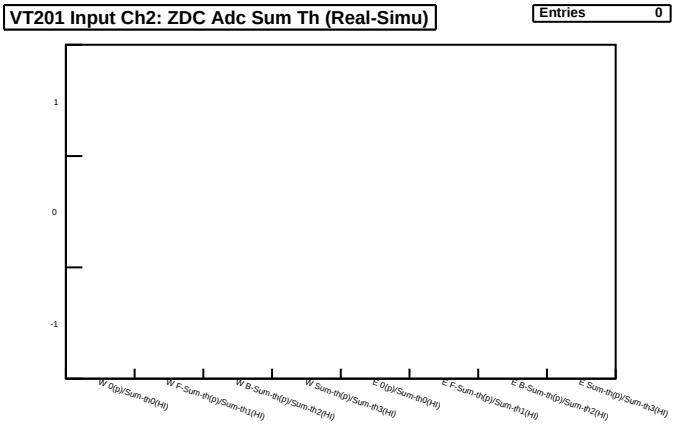

VT201 Input Ch1: EPD Hit Count Th
Entries 988862
487350
486271
7081
8160
East
West

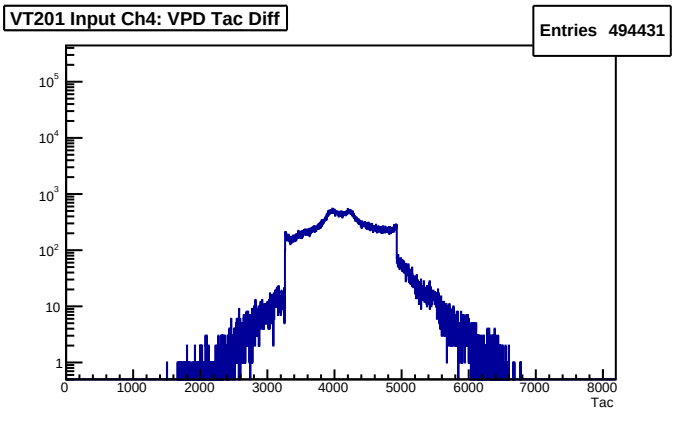

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

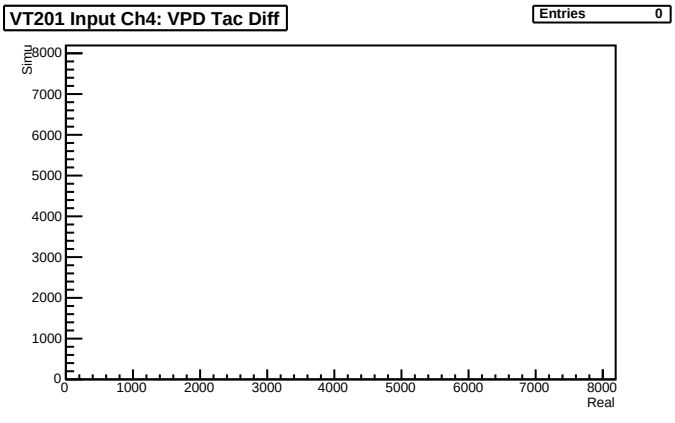

VT201 Input Ch2: ZDC Tac Diff
Entries 494431
Tac

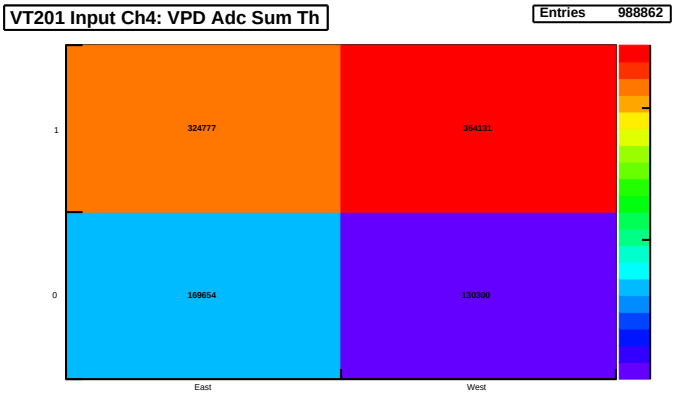

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

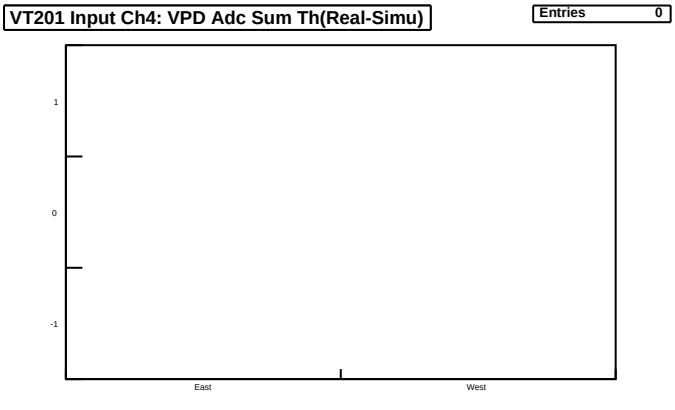

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3955448
11656
2893
14
8
11217
4403
79
65
482775
491538
494417
494423
483214
490028
494352
494366
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

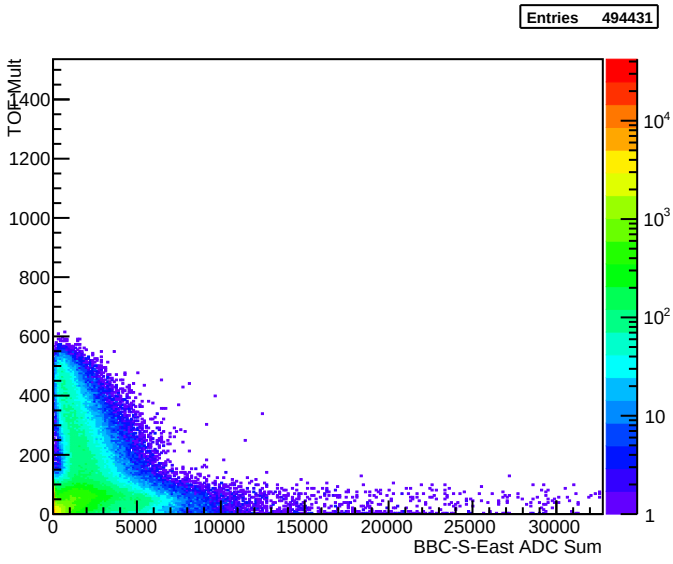

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

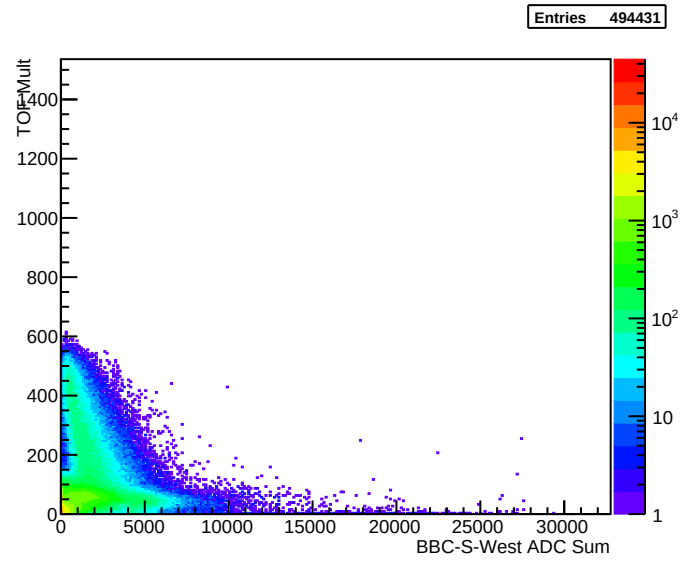

VT201 Input Ch4: VPD Tac Diff
Entries 494431
Tac

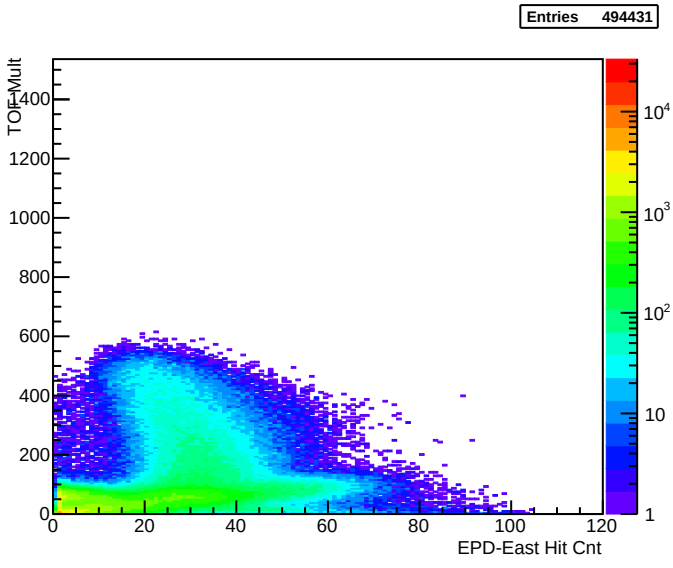

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

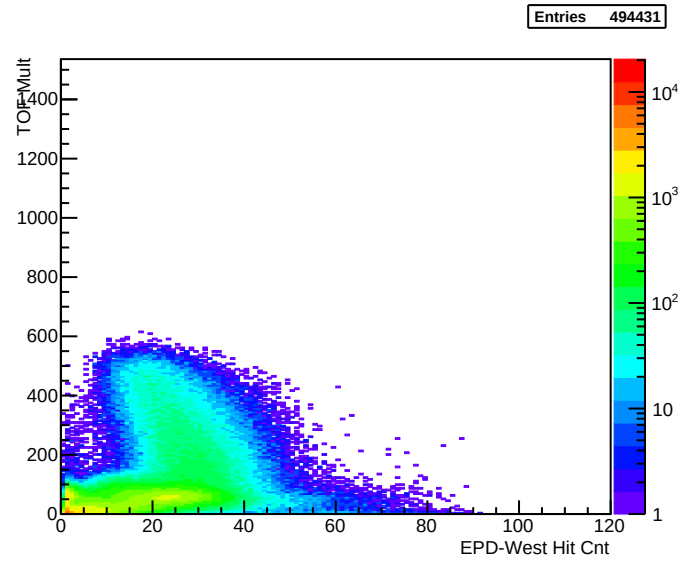

VT201 Input Ch4: VPD Adc Sum Th
Entries 988862
324777
364131
169654
130300
East
West

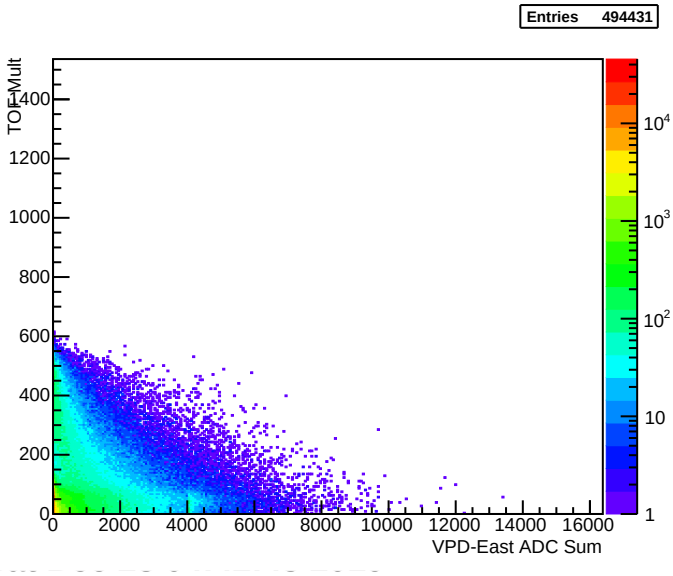

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

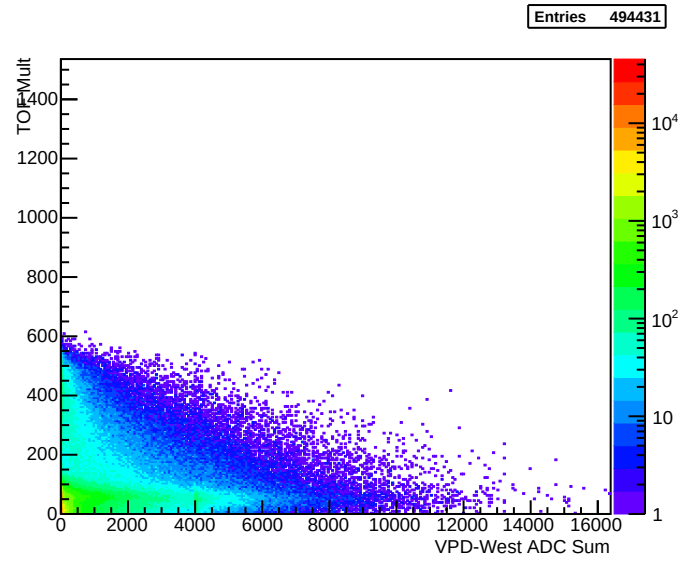

Entries 494431
TOF-Mult
BBC-S-East ADC Sum

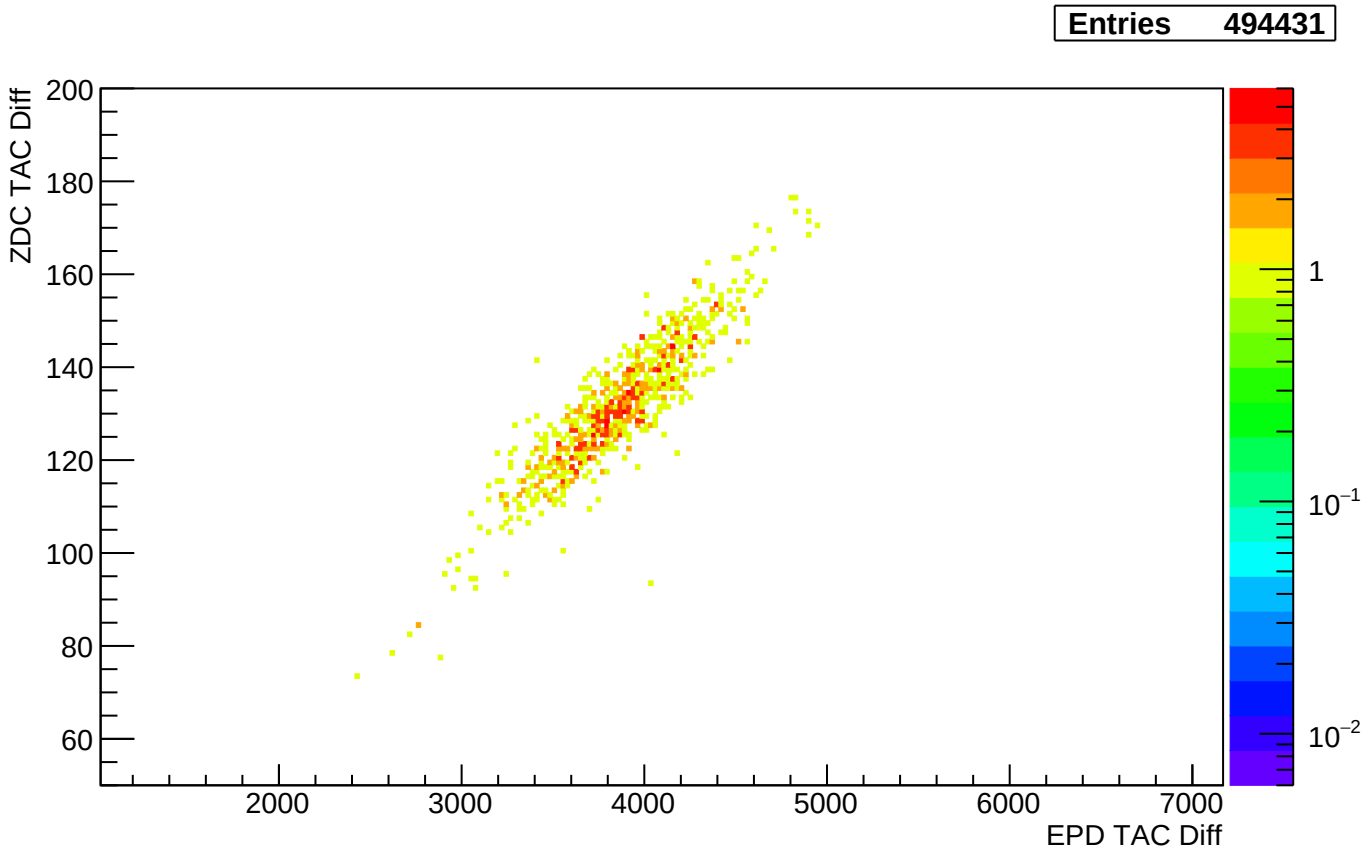

Entries 494431
TOF-Mult
BBC-S-West ADC Sum

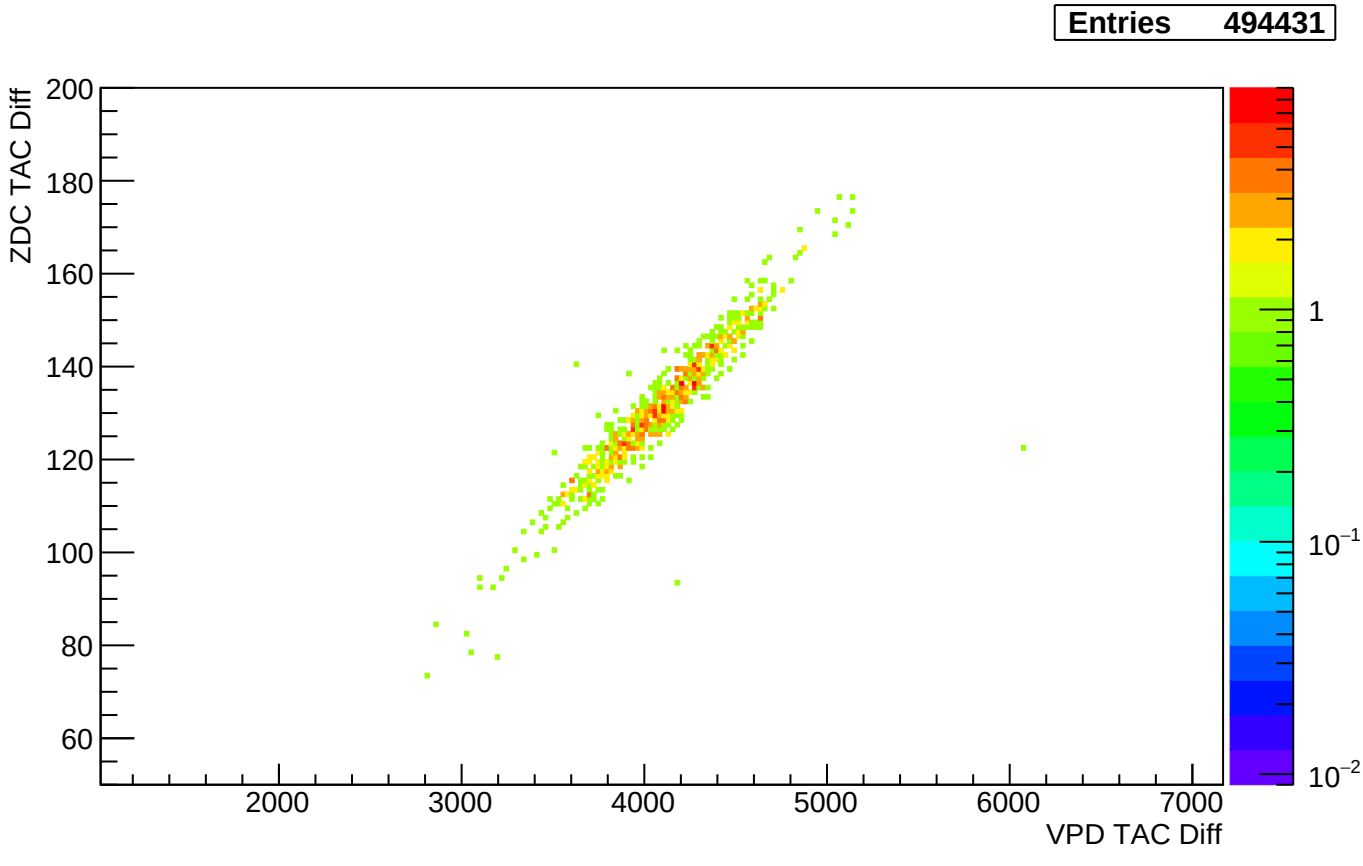

Entries 494431
TOF-Mult
EPD-East Hit Cnt

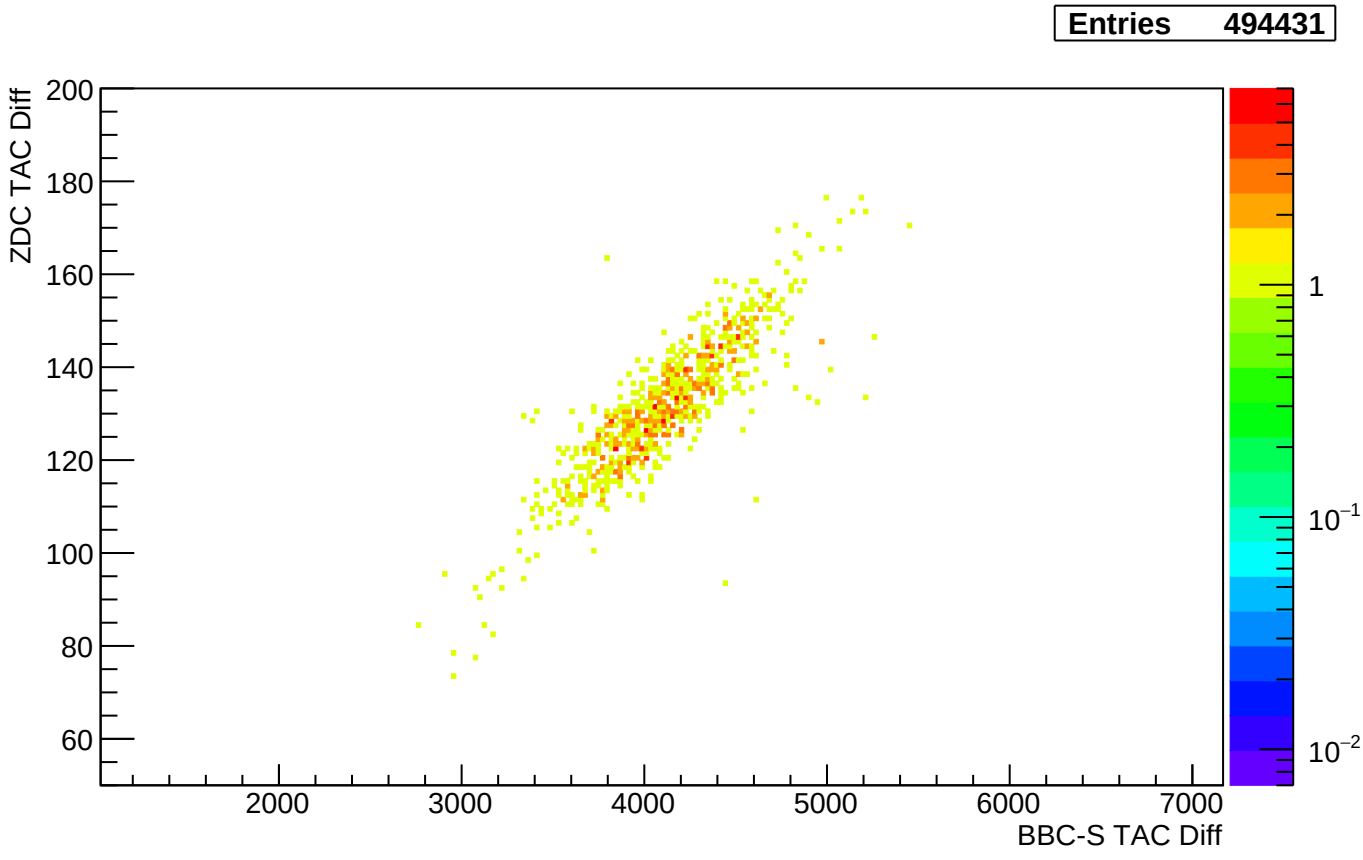

Entries 494431
TOF-Mult
EPD-West Hit Cnt

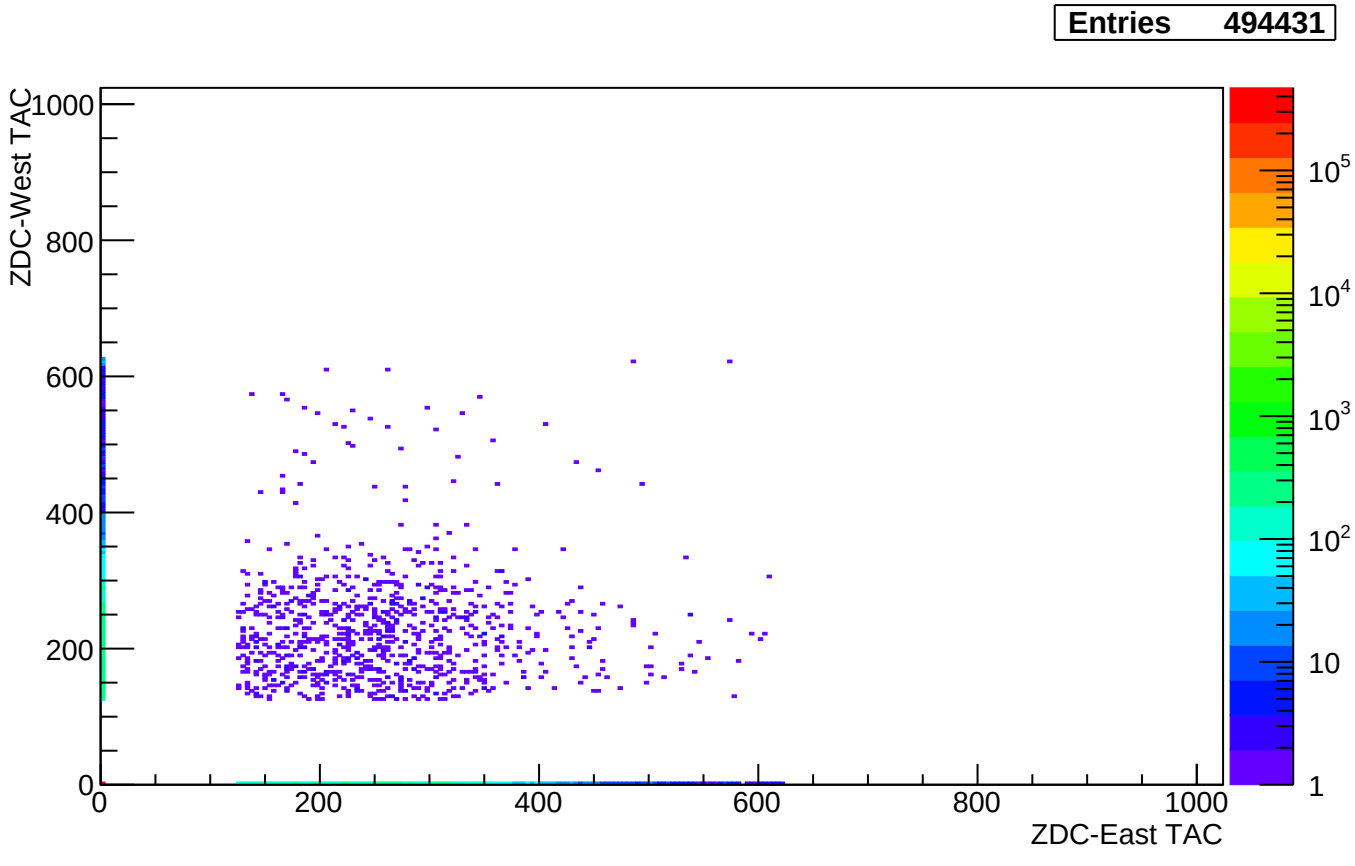

Entries 494431
TOF-Mult
VPD-East ADC Sum

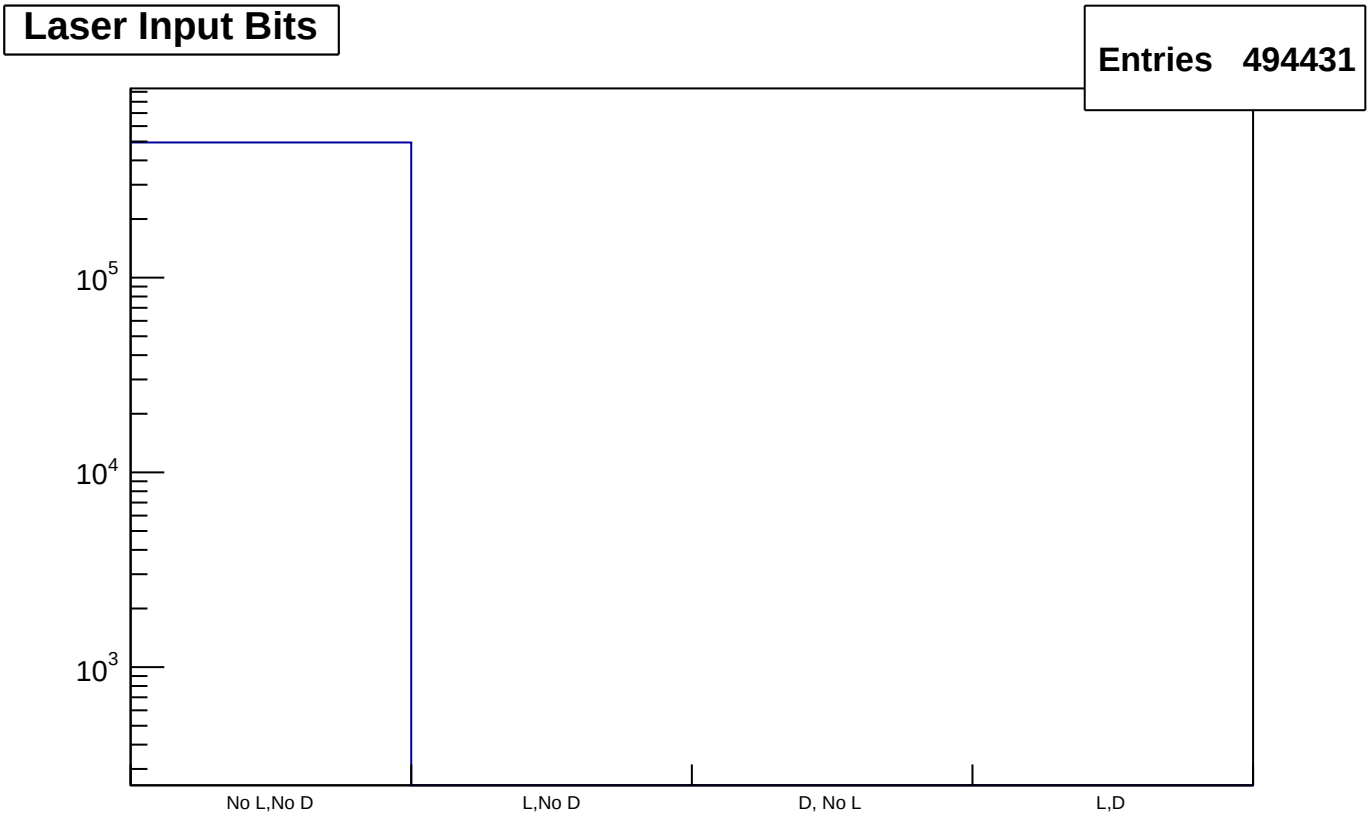

Entries 494431
TOF-Mult
VPD-West ADC Sum

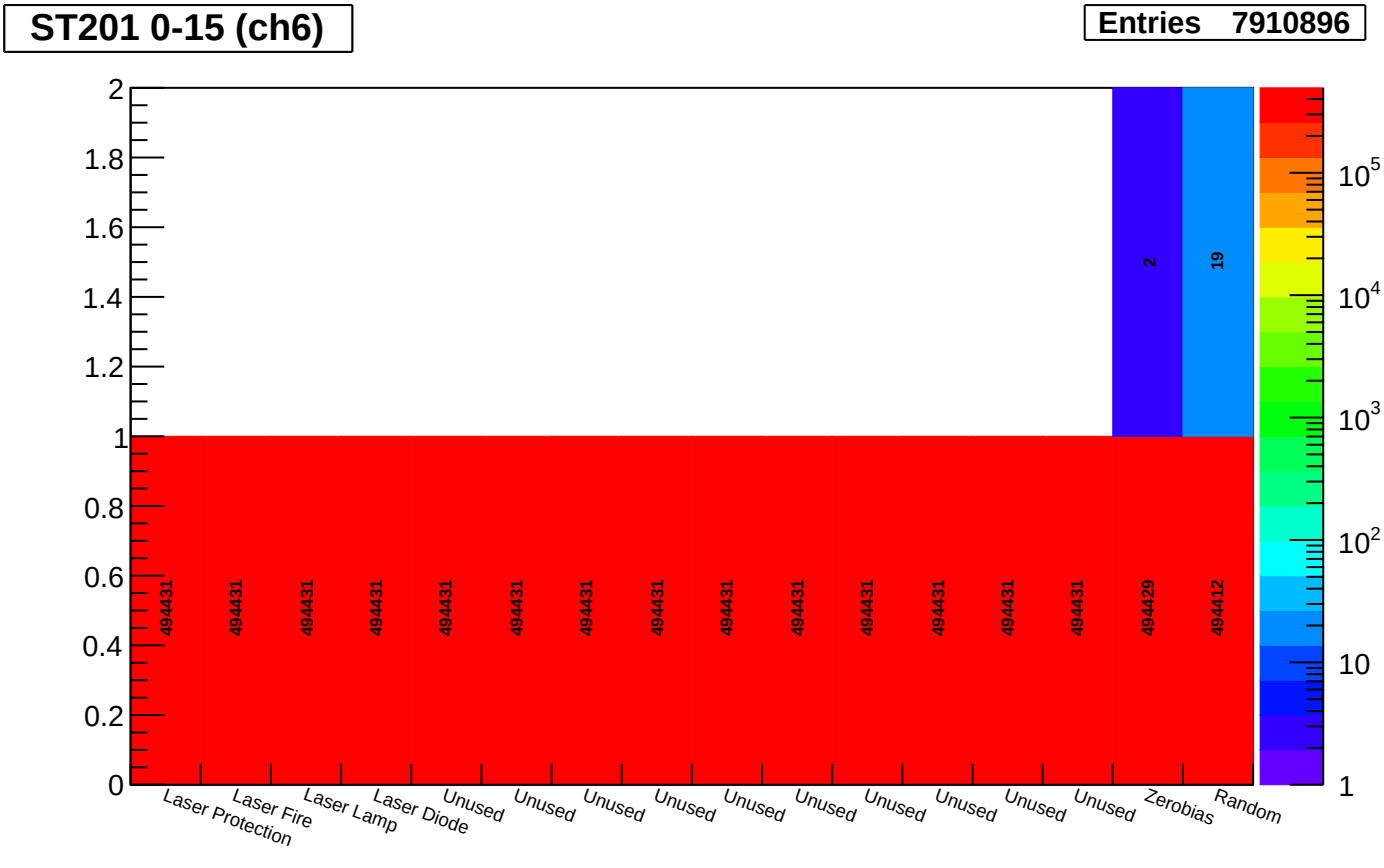

Entries 494431
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

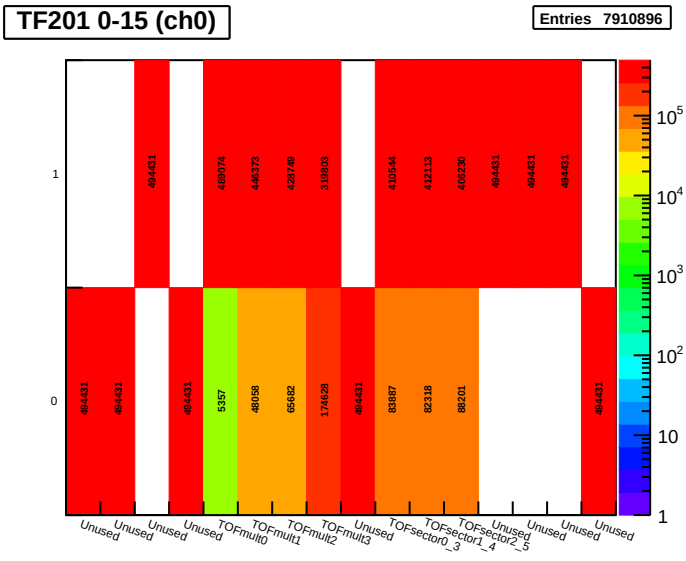

Entries 494431
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

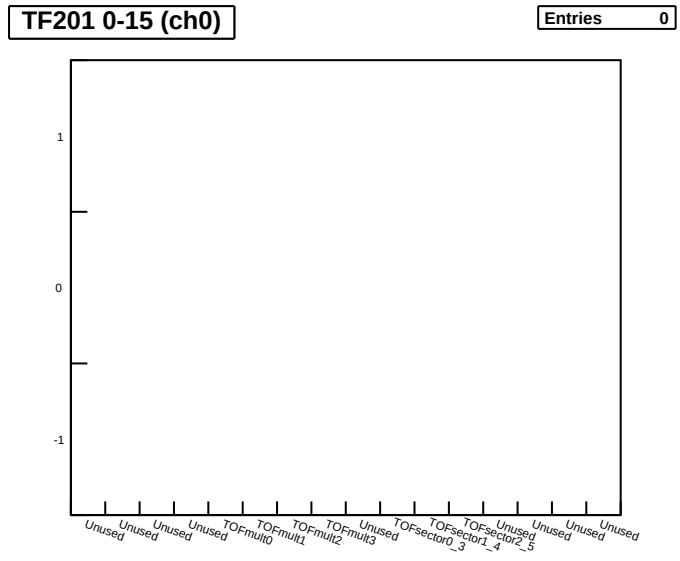

Entries 494431
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

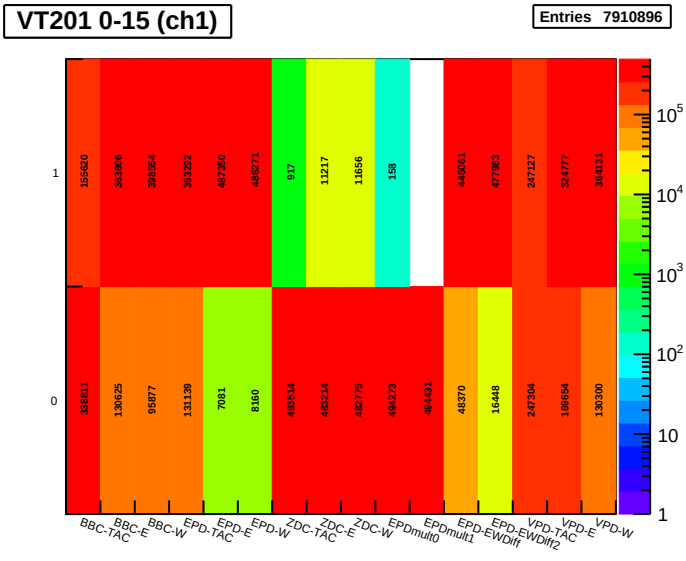

Entries 494431
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

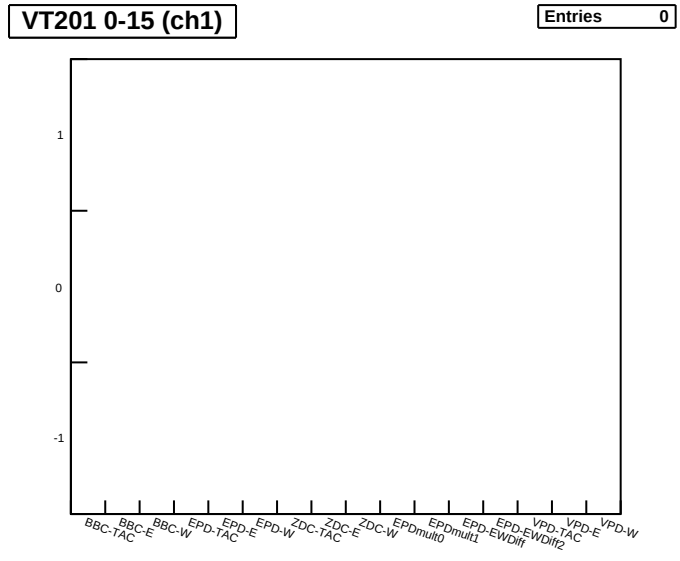

Laser Input Bits
Entries 494431
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

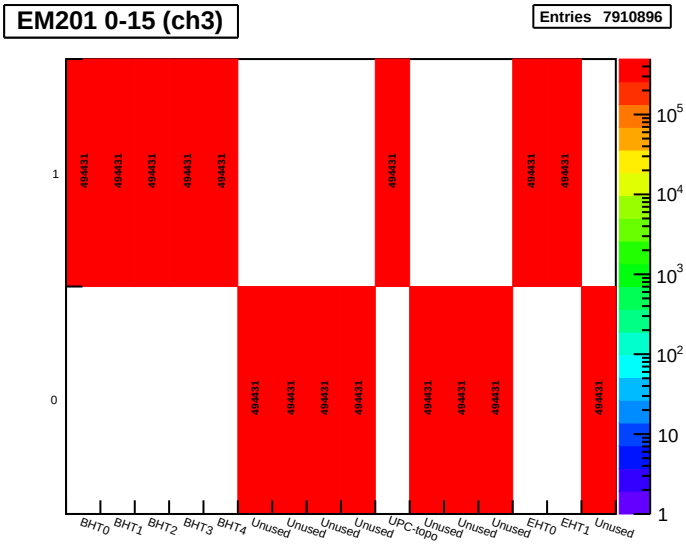

ST201 0-15 (ch6)
Entries 7910896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494429
494412
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

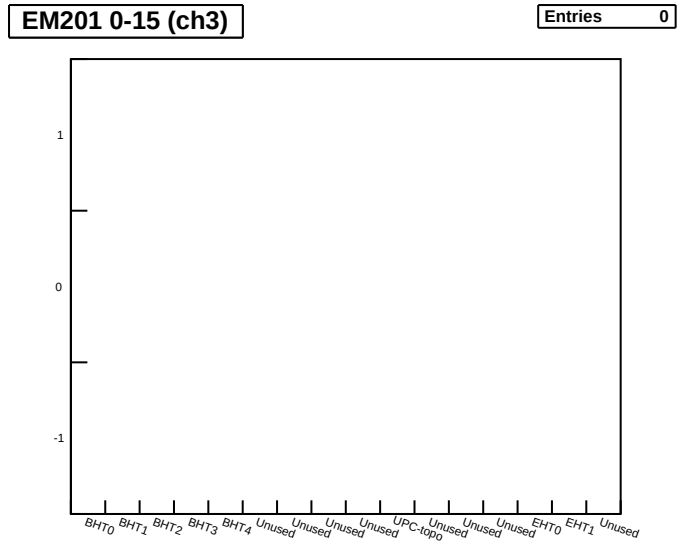

TF201 0-15 (ch0)
Entries 7910896
1
0
494431
494431
494431
494431
489074
446373
423749
319803
494431
5357
49058
65682
174628
494431
410544
412113
406230
494431
494431
494431
494431
83887
82318
88201
494431
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 7910896
1
0
155620
363886
398554
363292
487350
498271
917
11217
11656
158
446061
477983
247127
324777
364131
338811
130625
95877
131139
7081
8160
492514
483214
492775
494273
494431
48370
16448
247304
169654
130300
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 7910896
1
0
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
494431
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