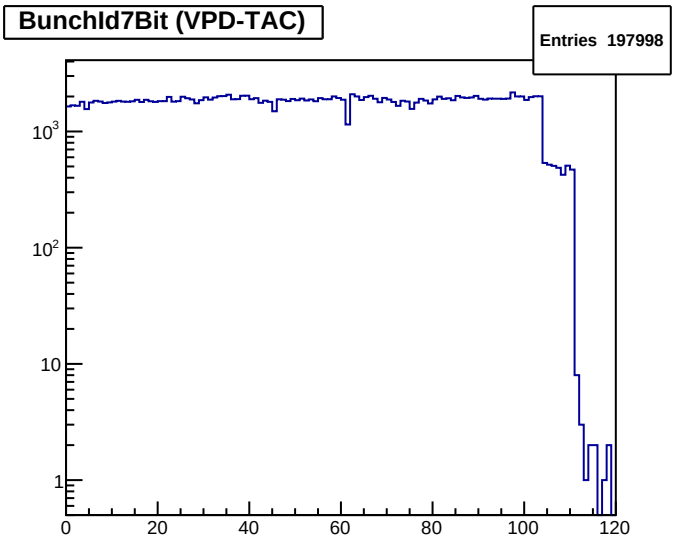
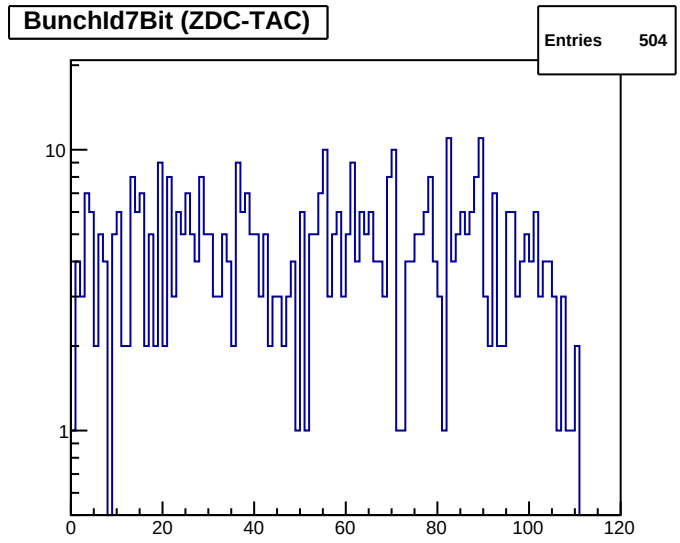
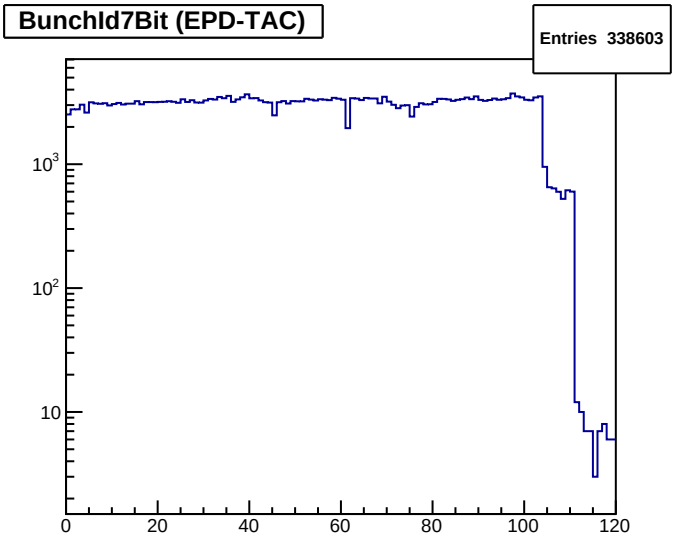
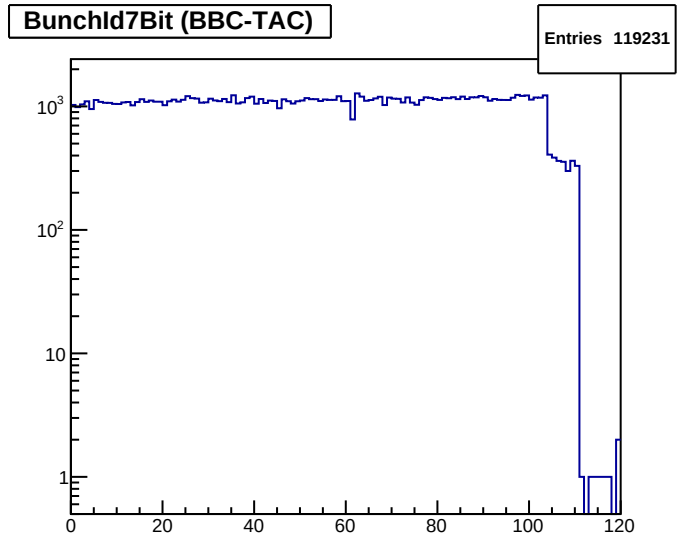
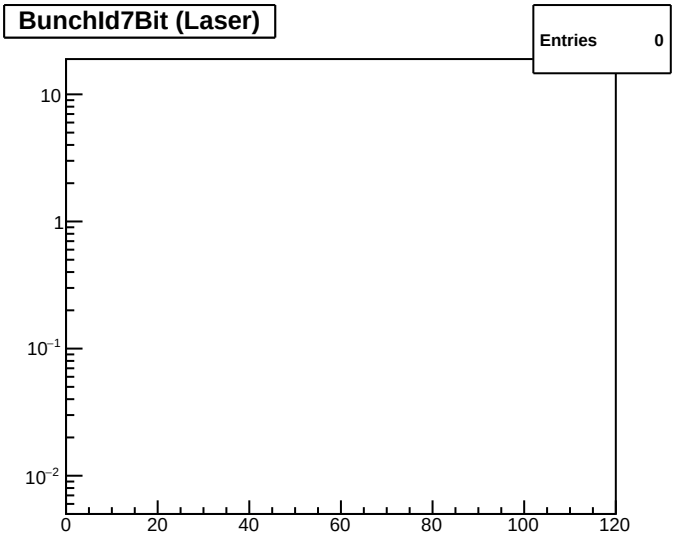
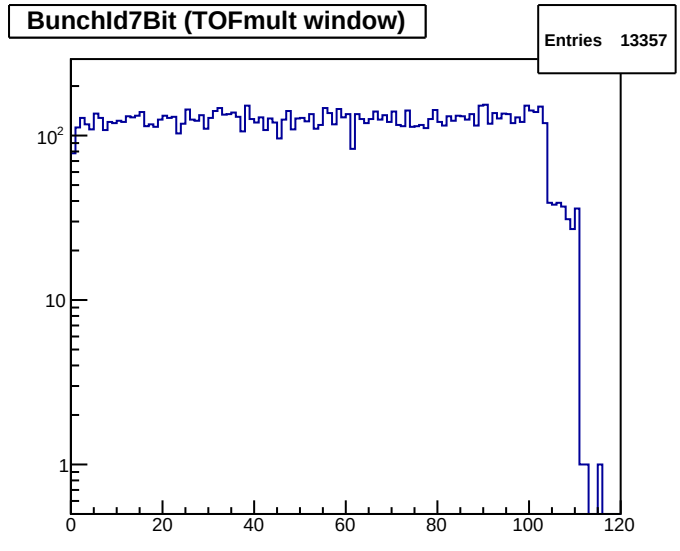

BunchId7Bit (VPD-TAC)
Entries 197998

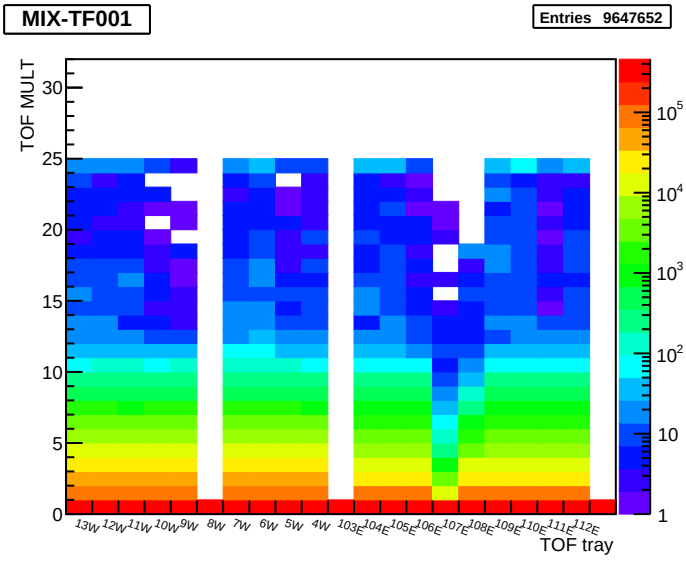

BunchId7Bit (ZDC-TAC)
Entries 504

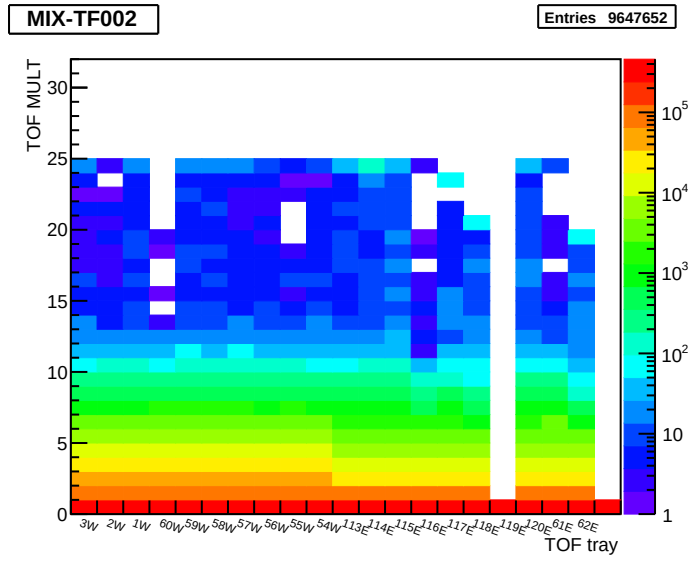

BunchId7Bit (EPD-TAC)
Entries 338603

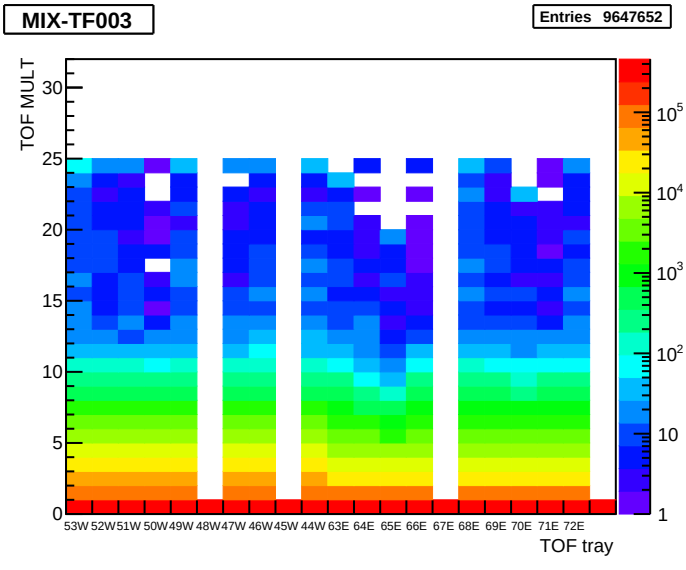

BunchId7Bit (BBC-TAC)
Entries 119231

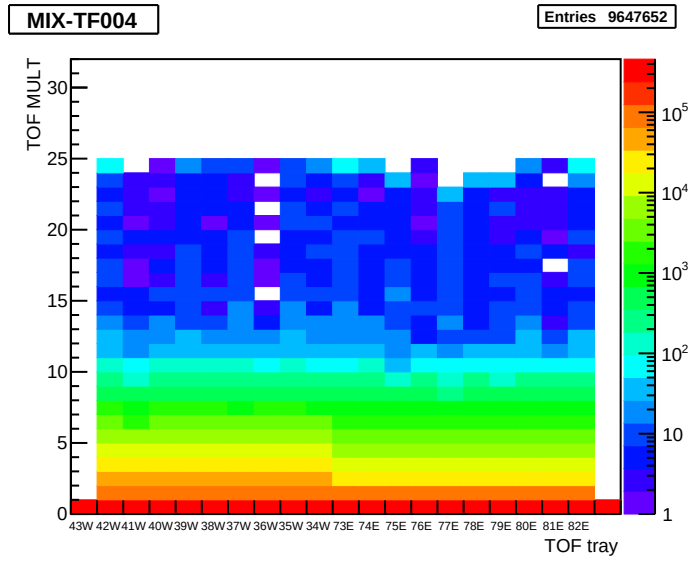

BunchId7Bit (Laser)
Entries 0

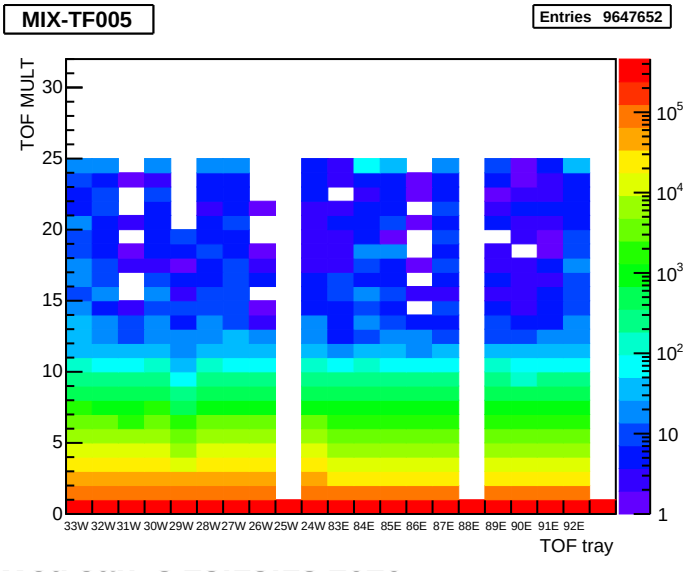

BunchId7Bit (TOFmult window)
Entries 13357

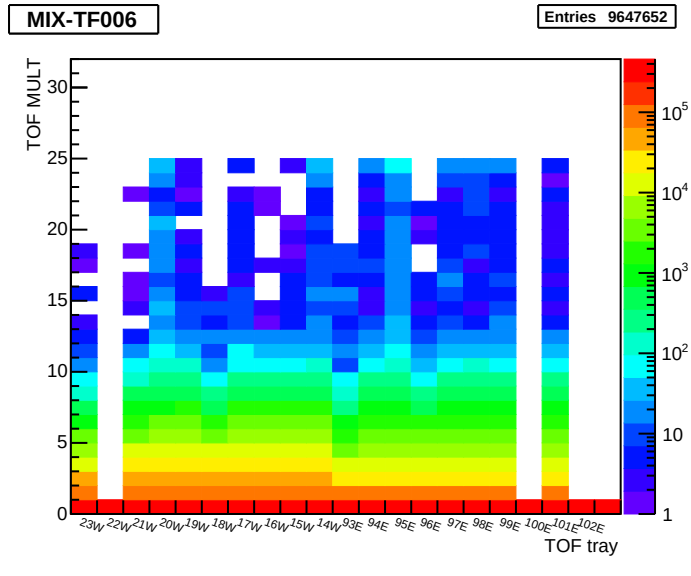

MIX-TF001
Entries 9647652
TOF MULT
TOF tray

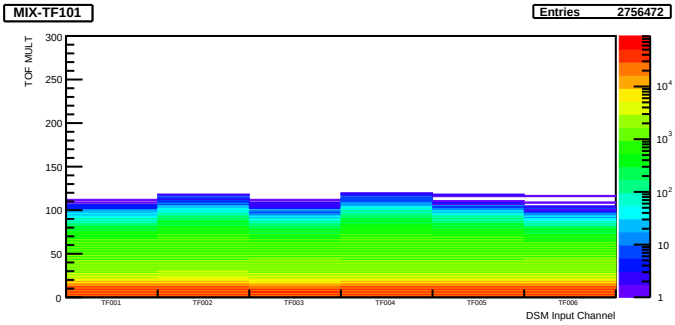

MIX-TF002
Entries 9647652
TOF MULT
TOF tray

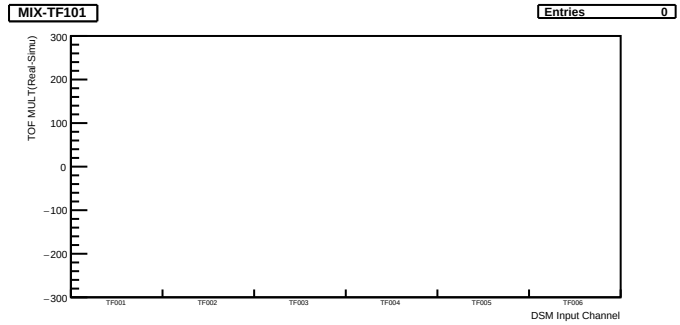

MIX-TF003
Entries 9647652
TOF MULT
TOF tray

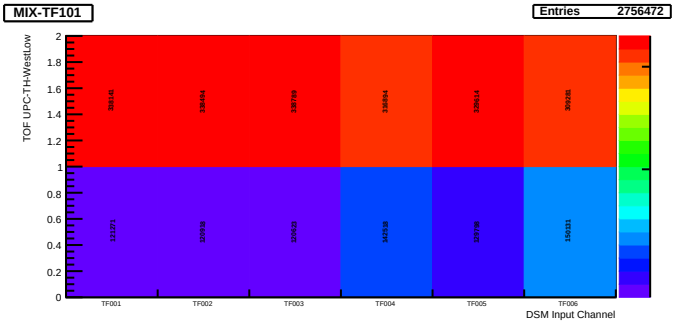

MIX-TF004
Entries 9647652
TOF MULT
TOF tray

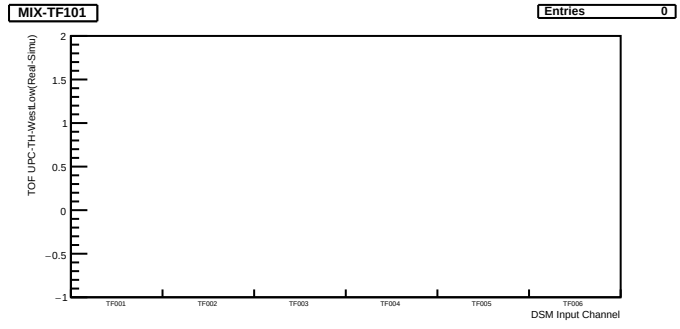

MIX-TF005
Entries 9647652
TOF MULT
TOF tray

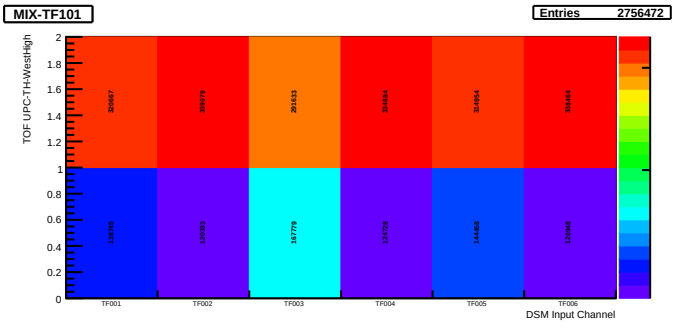

MIX-TF006
Entries 9647652
TOF MULT
TOF tray

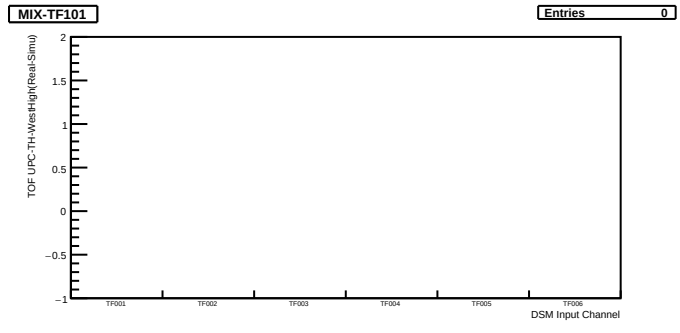

MIX-TF101
Entries 2756472
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

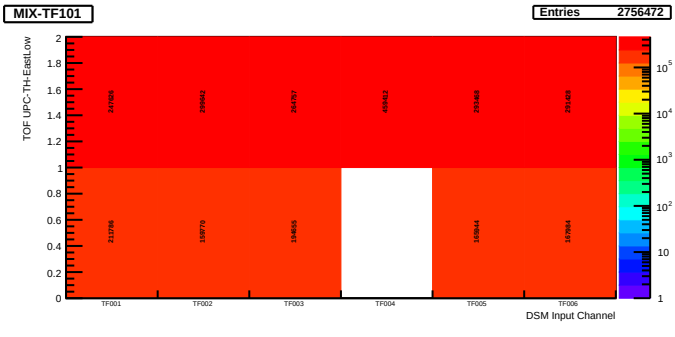

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

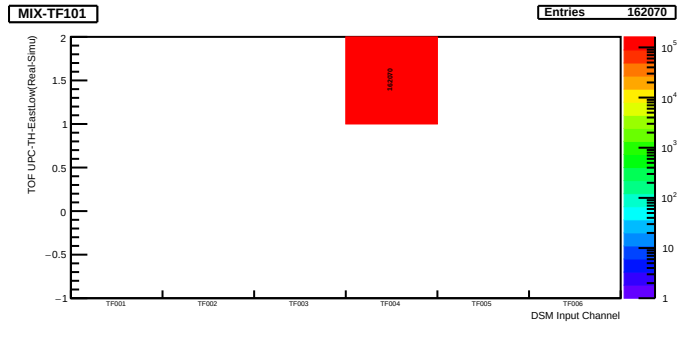

MIX-TF101
Entries 2756472
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

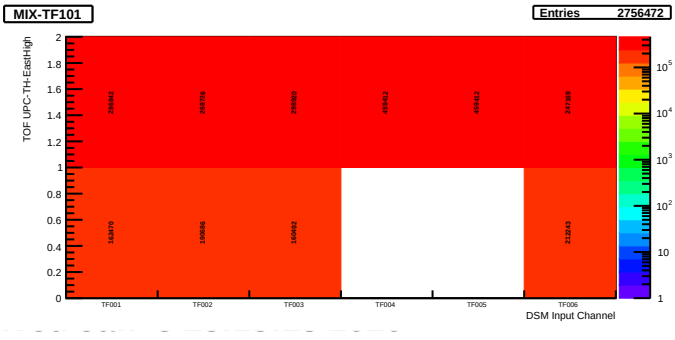

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

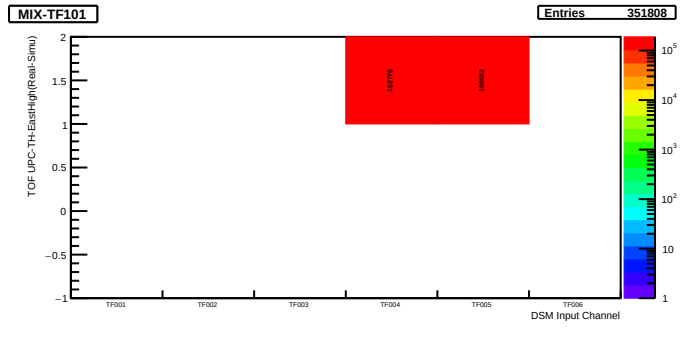

MIX-TF101
Entries 2756472
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

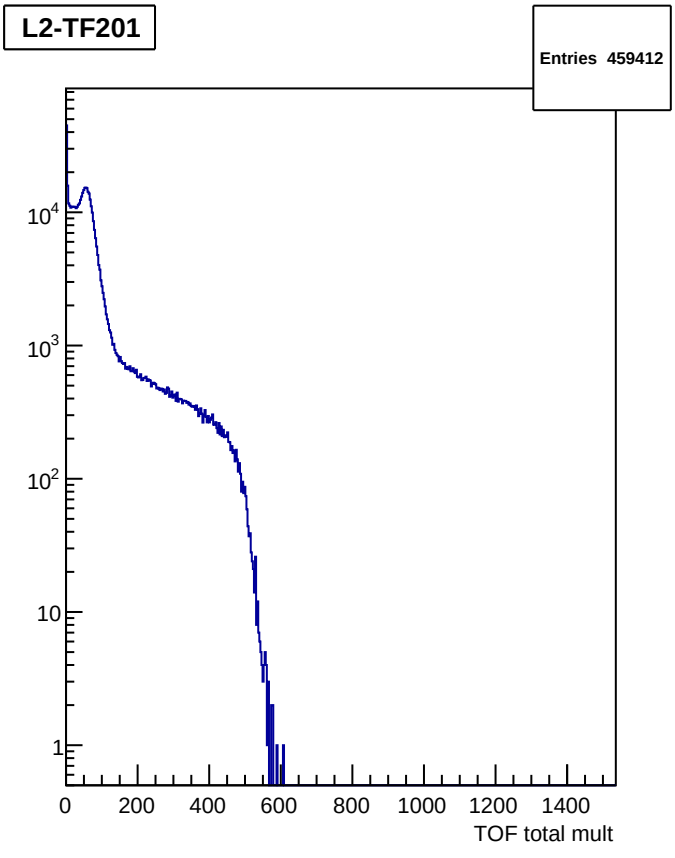

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

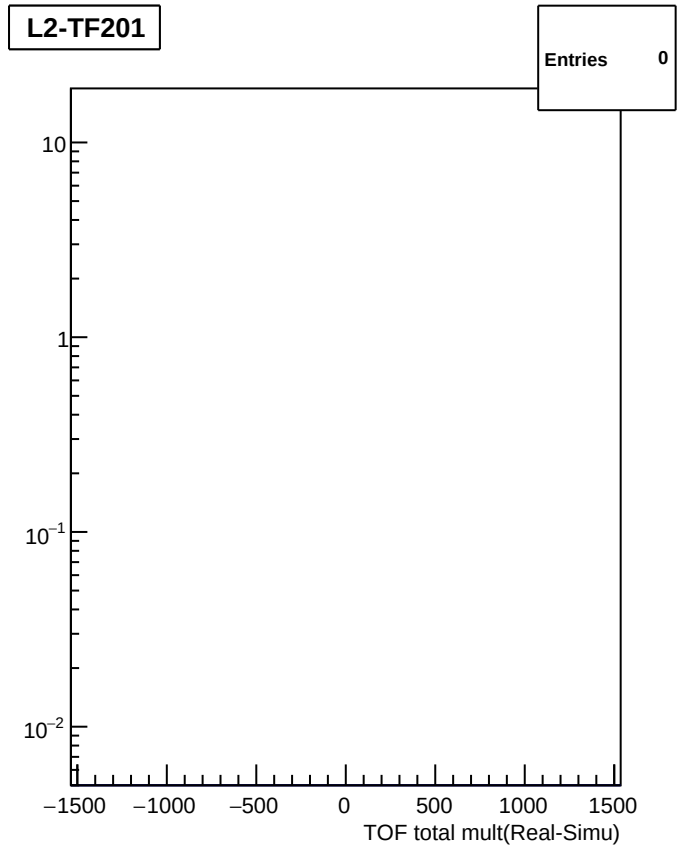

MIX-TF101
Entries 2756472
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

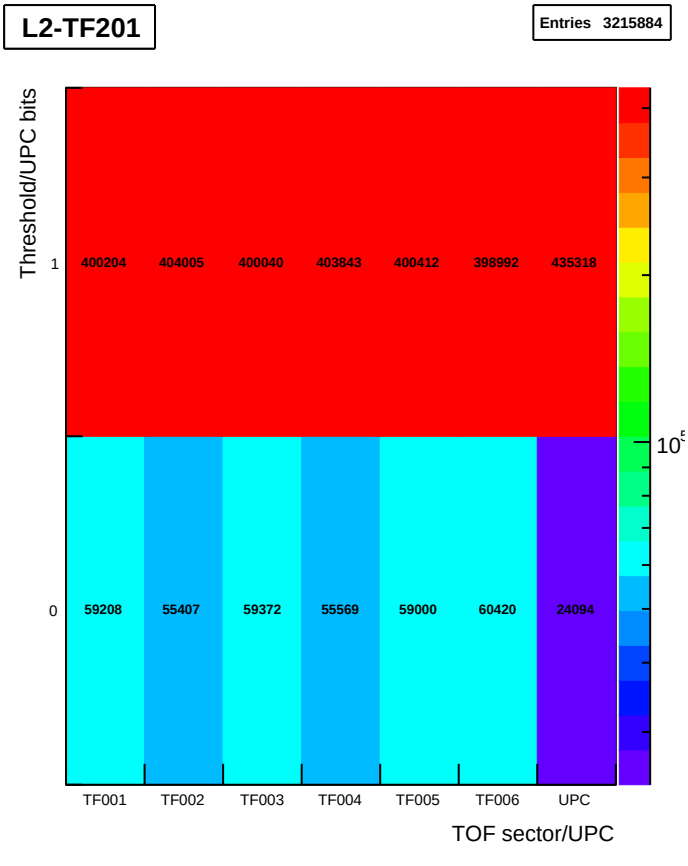

MIX-TF101
Entries 162070
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

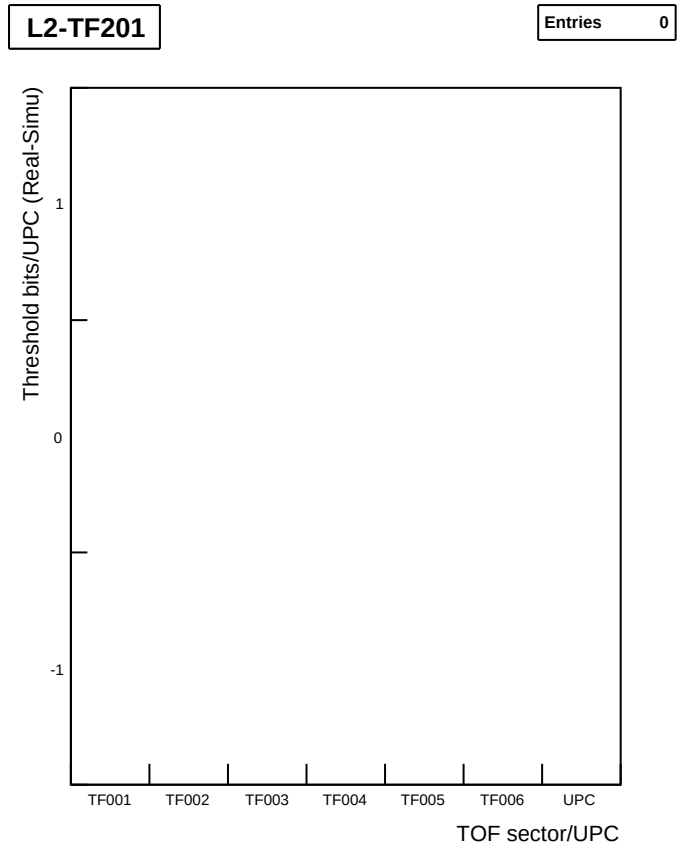

MIX-TF101
Entries 2756472
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

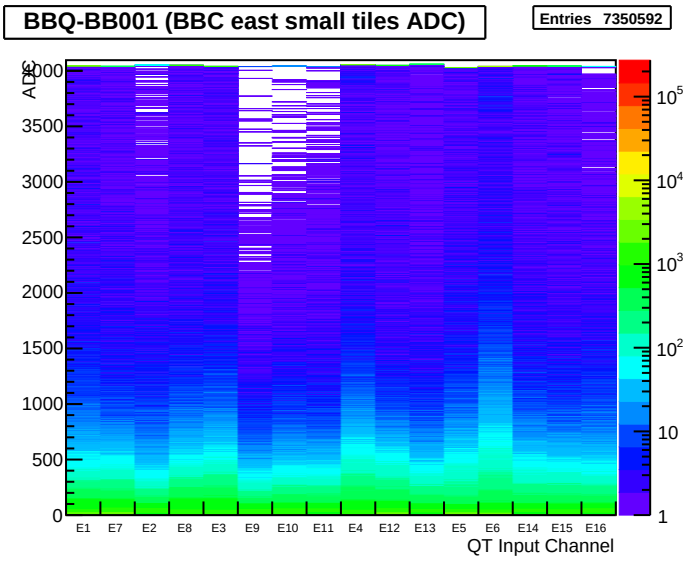

MIX-TF101
Entries 351808
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

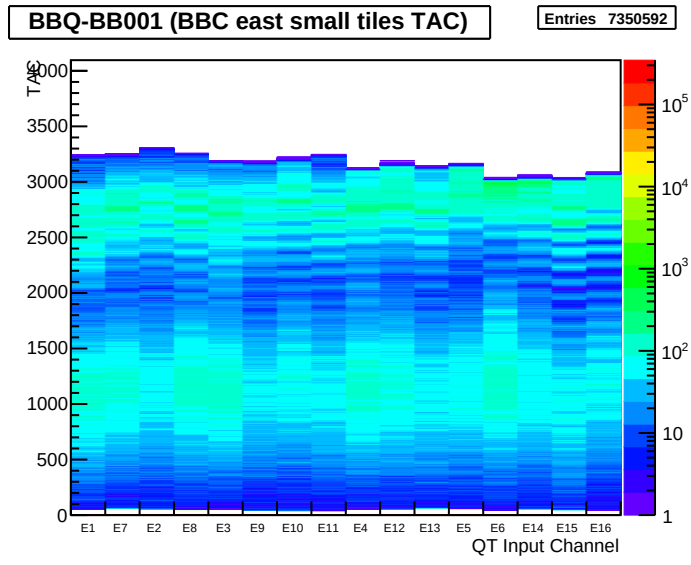

L2-TF201
Entries 459412
TOF total mult

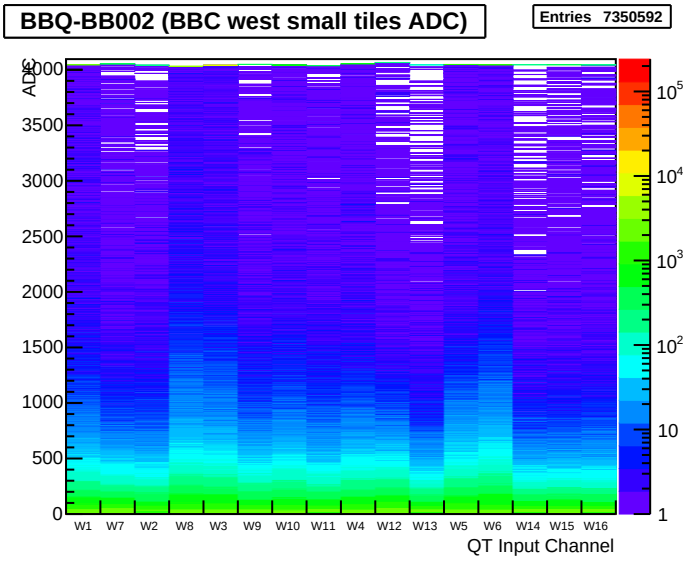

L2-TF201
Entries 0
TOF total mult(Real-Simu)

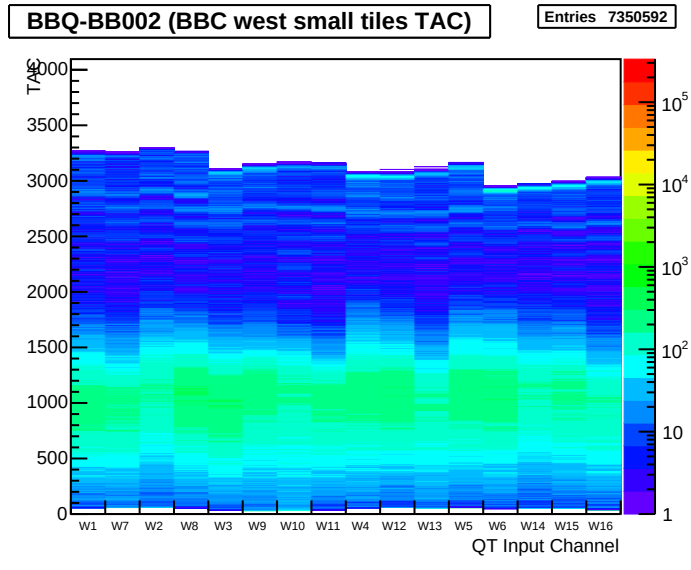

L2-TF201
Entries 3215884
Threshold/UPC bits
400204
404005
400040
403843
400412
398992
435318
59208
55407
59372
55569
59000
60420
24094
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

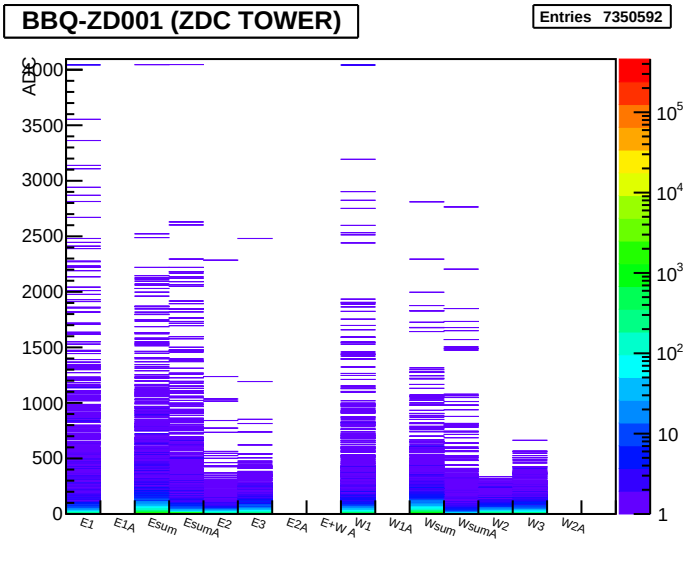

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

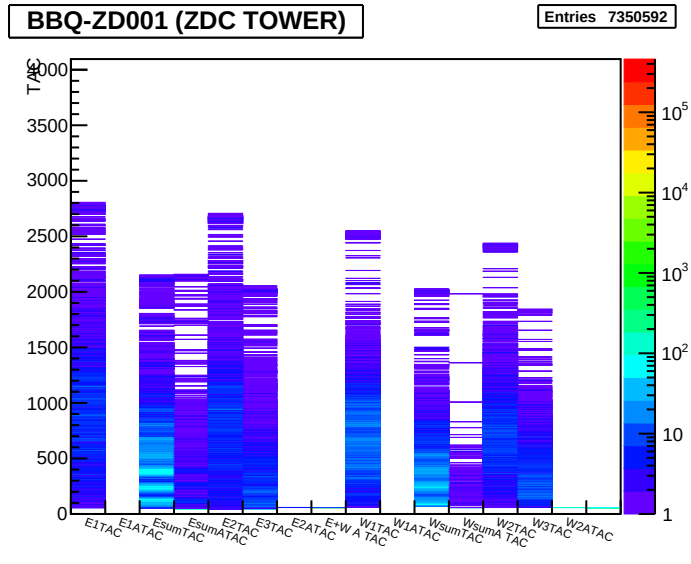

BBQ-BB001 (BBC east small tiles ADC)
Entries 7350592
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

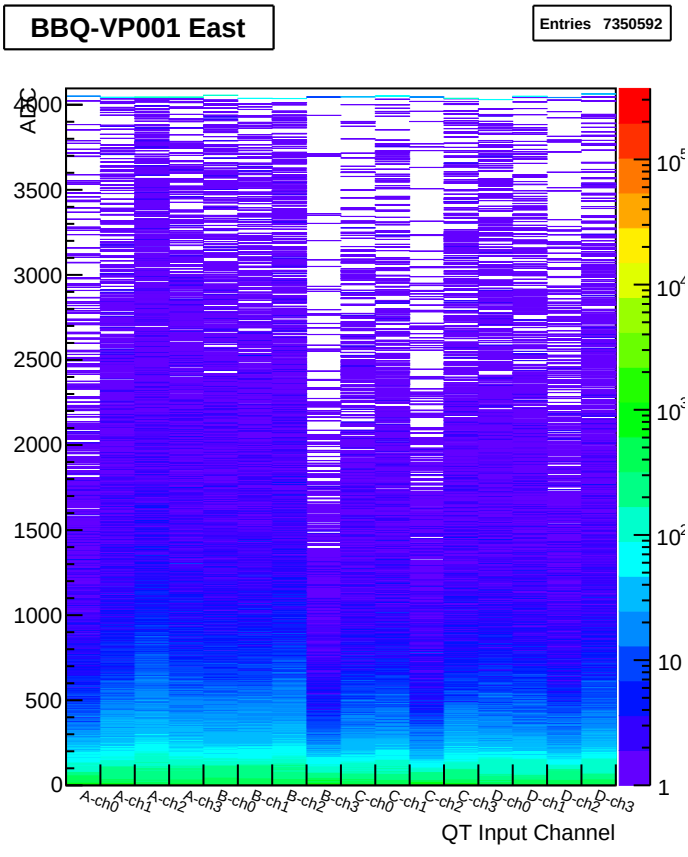

BBQ-BB001 (BBC east small tiles TAC)
Entries 7350592
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

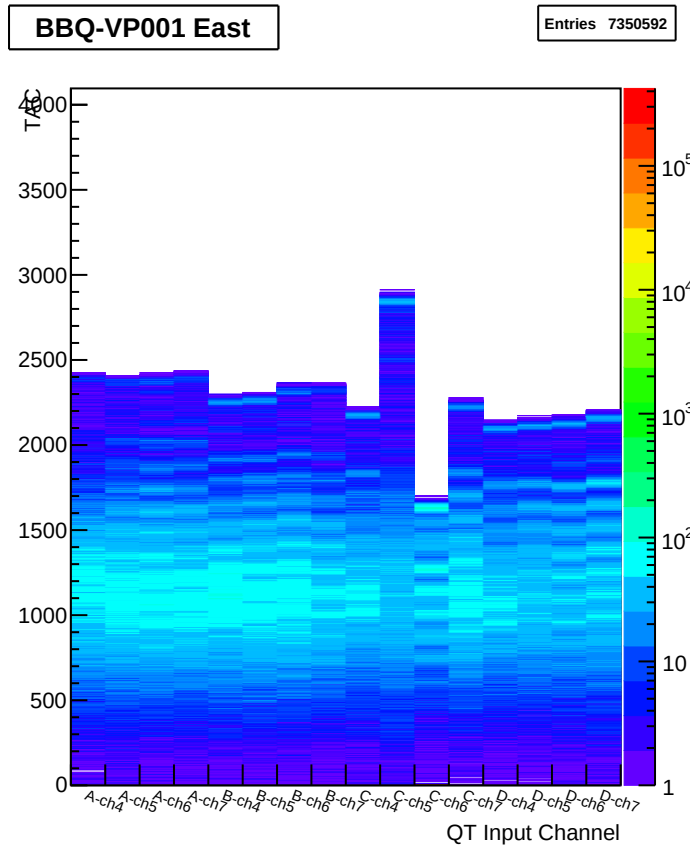

BBQ-BB002 (BBC west small tiles ADC)
Entries 7350592
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

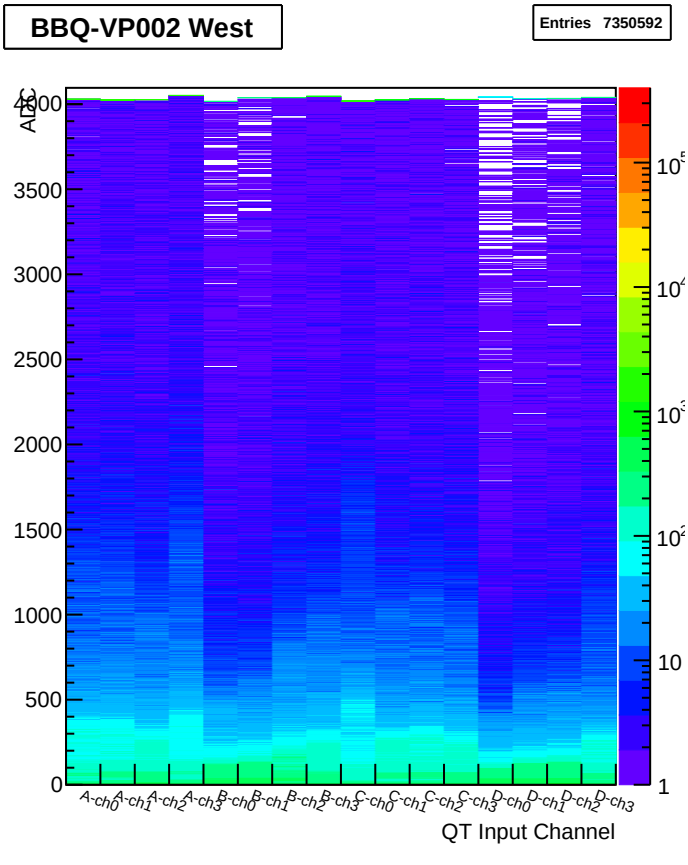

BBQ-BB002 (BBC west small tiles TAC)
Entries 7350592
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

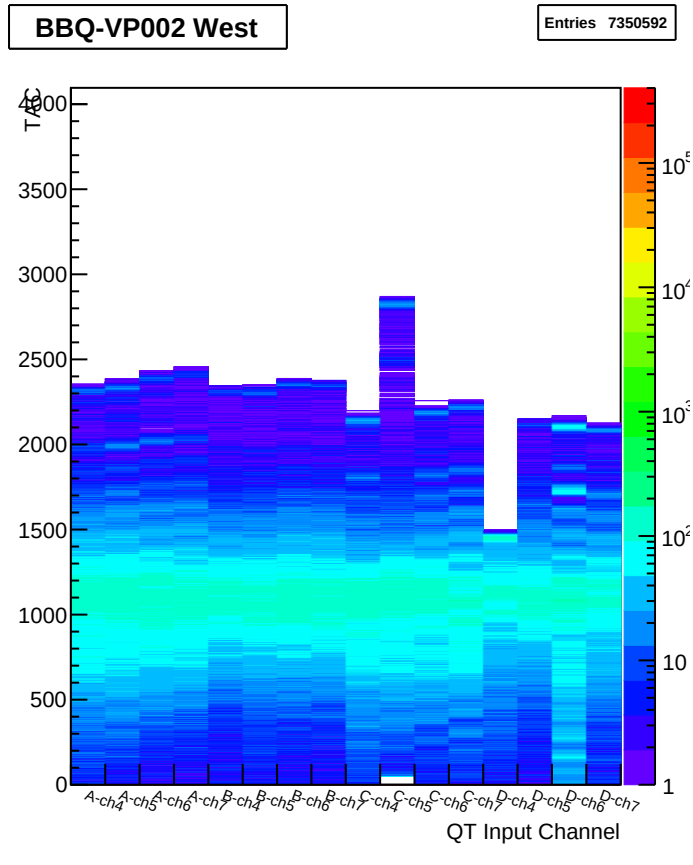

BBQ-ZD001 (ZDC TOWER)
Entries 7350592
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

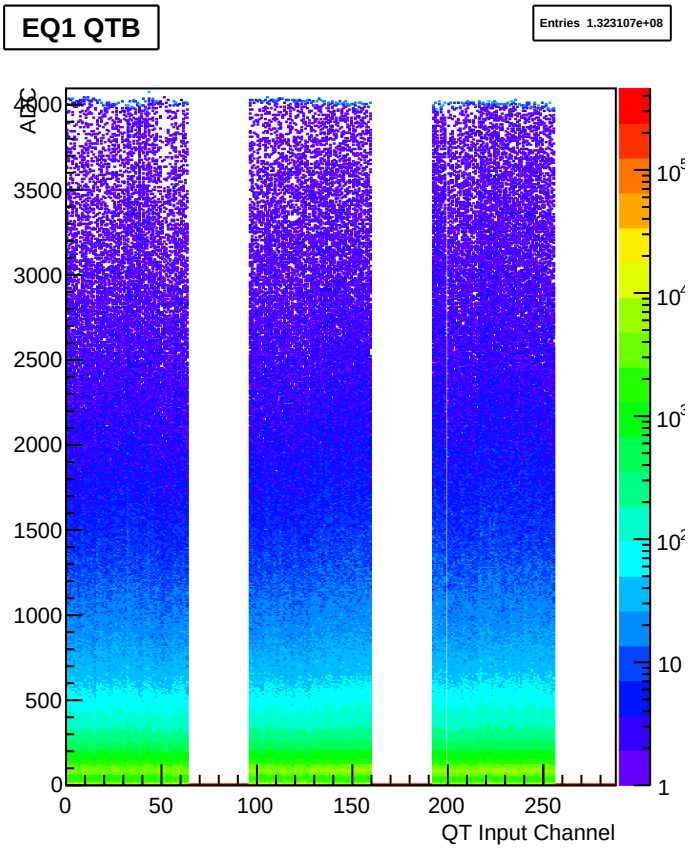

BBQ-ZD001 (ZDC TOWER)
Entries 7350592
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

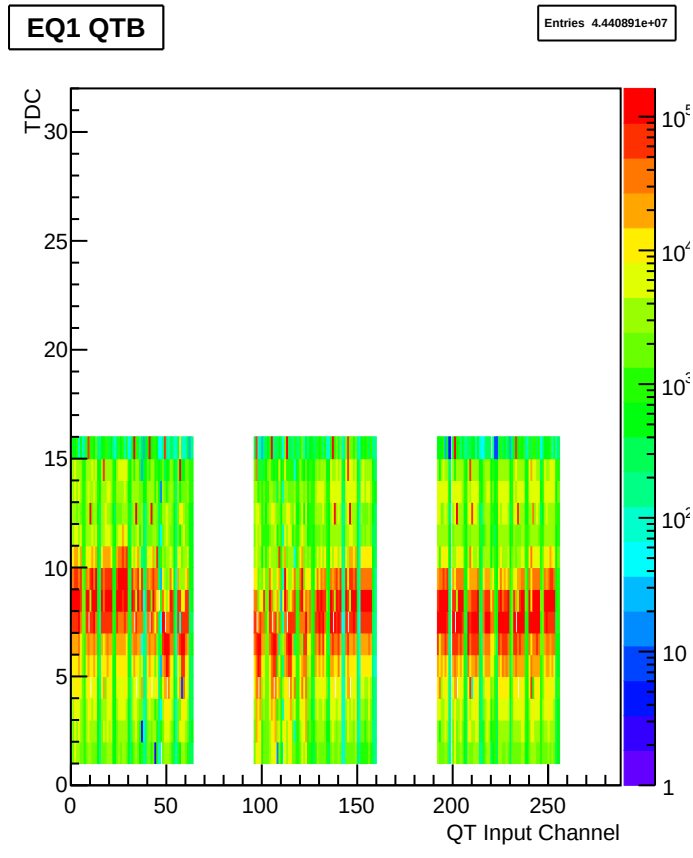

BBQ-VP001 East
Entries 7350592
ADC
QT Input Channel

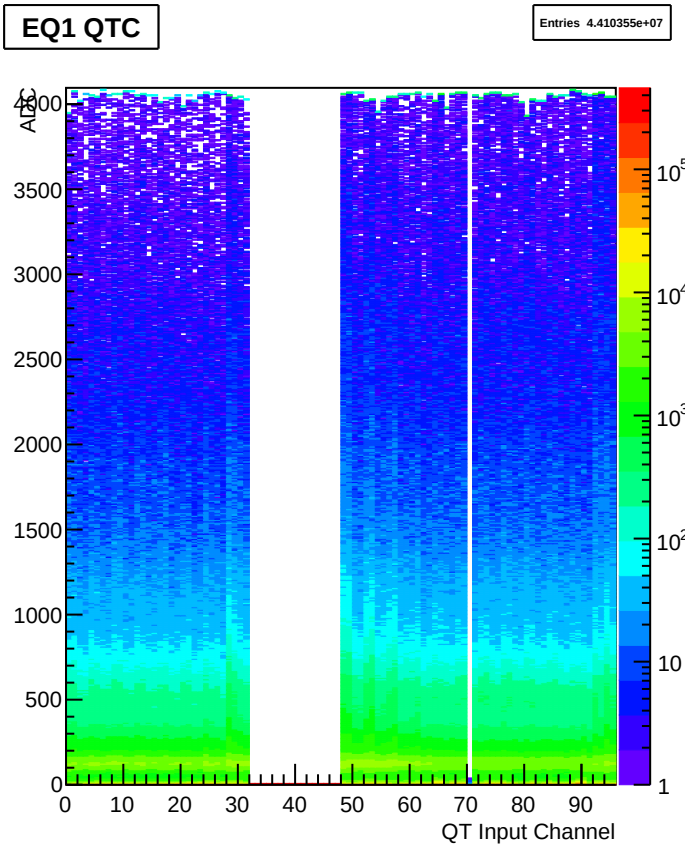

BBQ-VP001 East
Entries 7350592
ADC
QT Input Channel

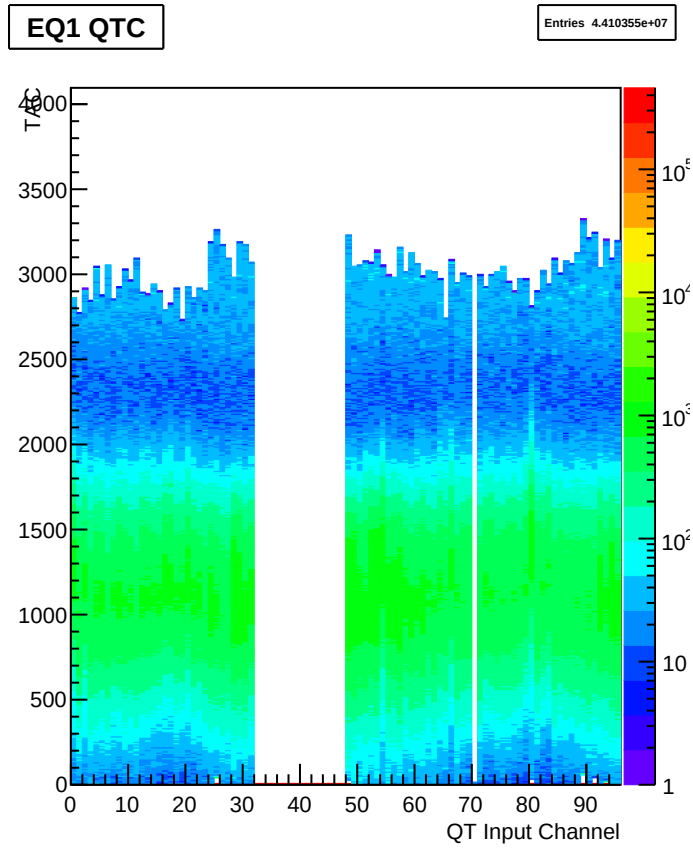

BBQ-VP002 West
Entries 7350592
ADC
QT Input Channel

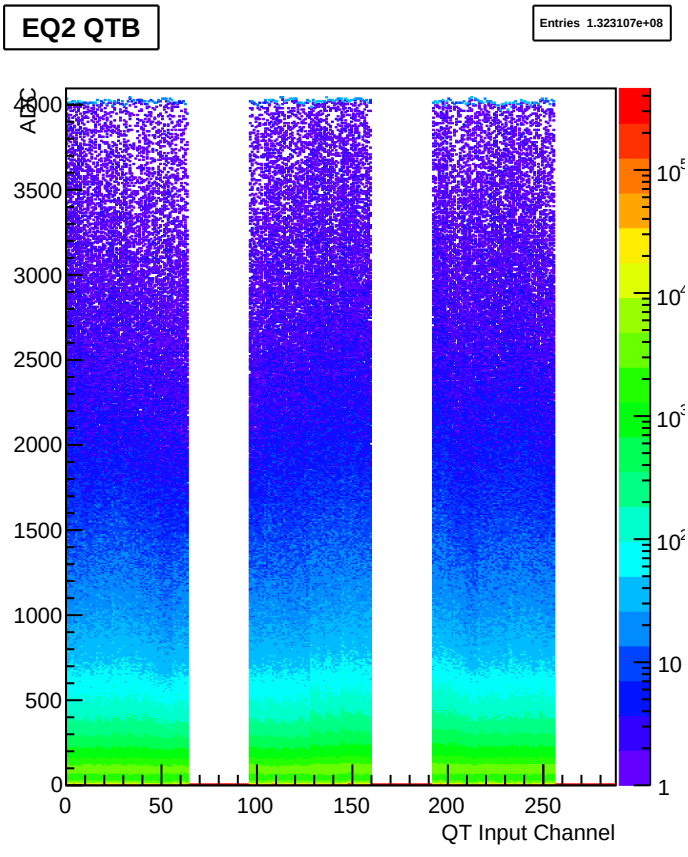

BBQ-VP002 West
Entries 7350592
ADC
QT Input Channel

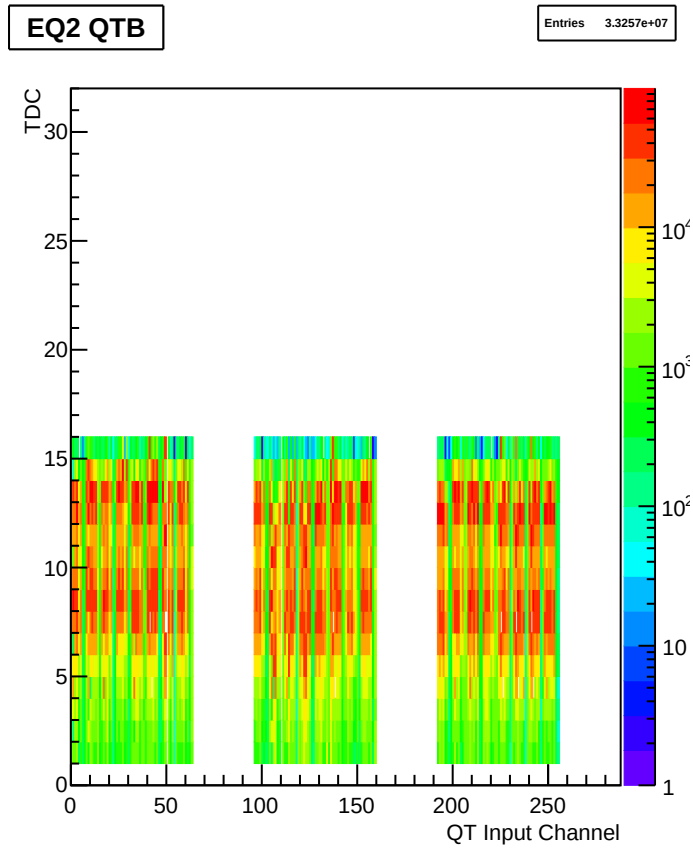

EQ1 QTB
Entries 1.323107e+08
ADC
QT Input Channel

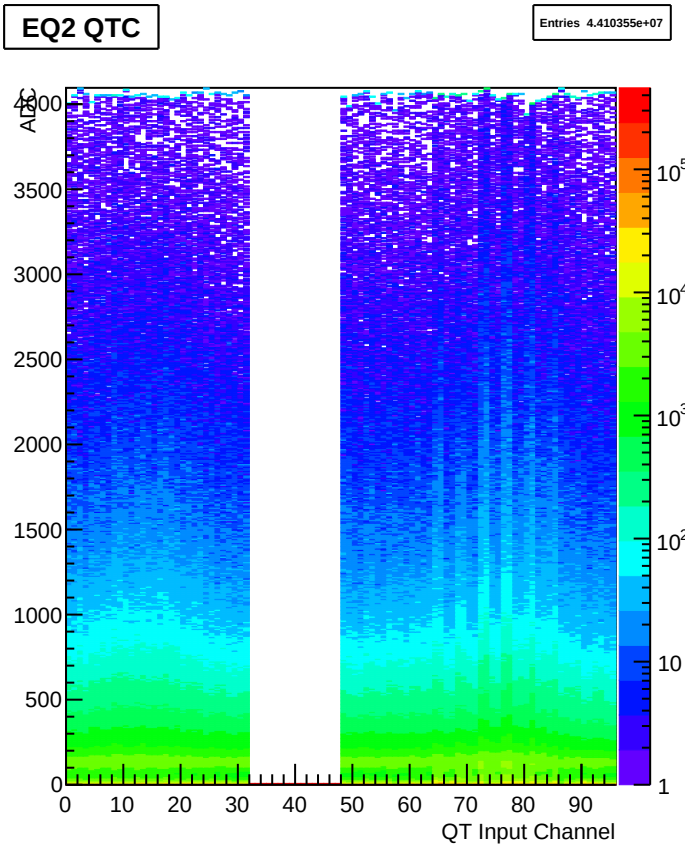

EQ1 QTB
Entries 4.440891e+07
TDC
QT Input Channel

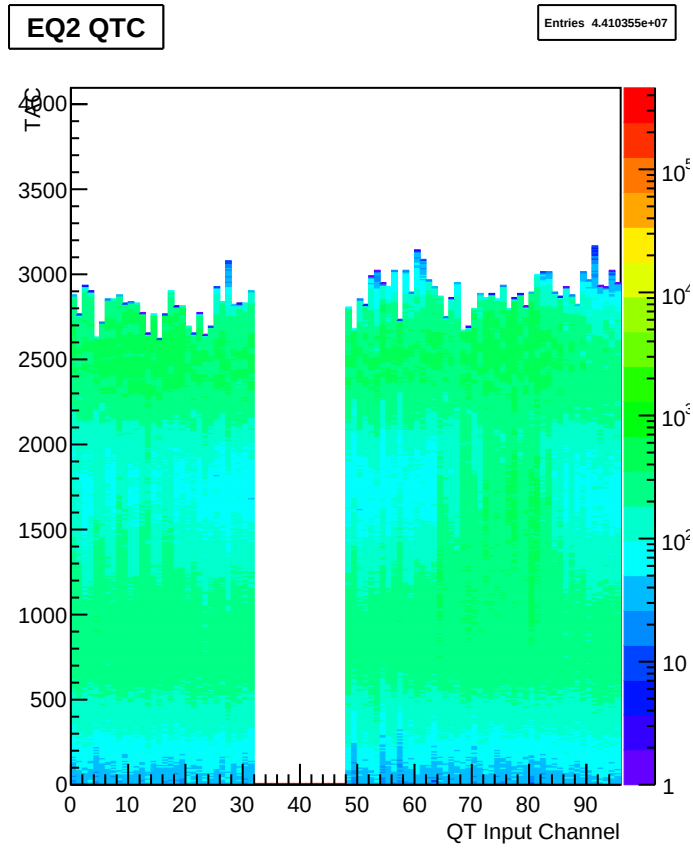

EQ1 QTC
Entries 4.410355e+07
ADC
QT Input Channel

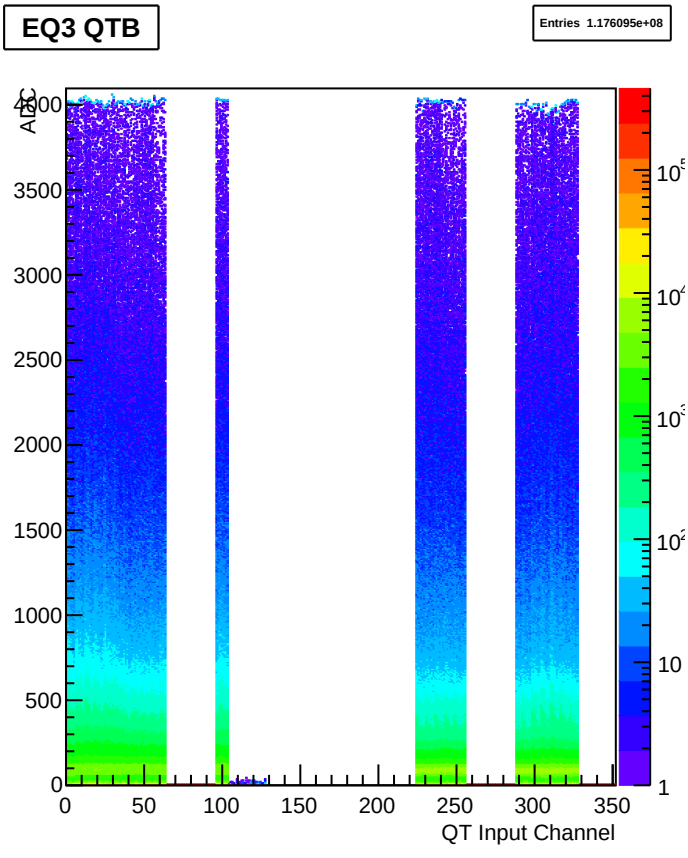

EQ1 QTC
Entries 4.410355e+07
TADC
QT Input Channel

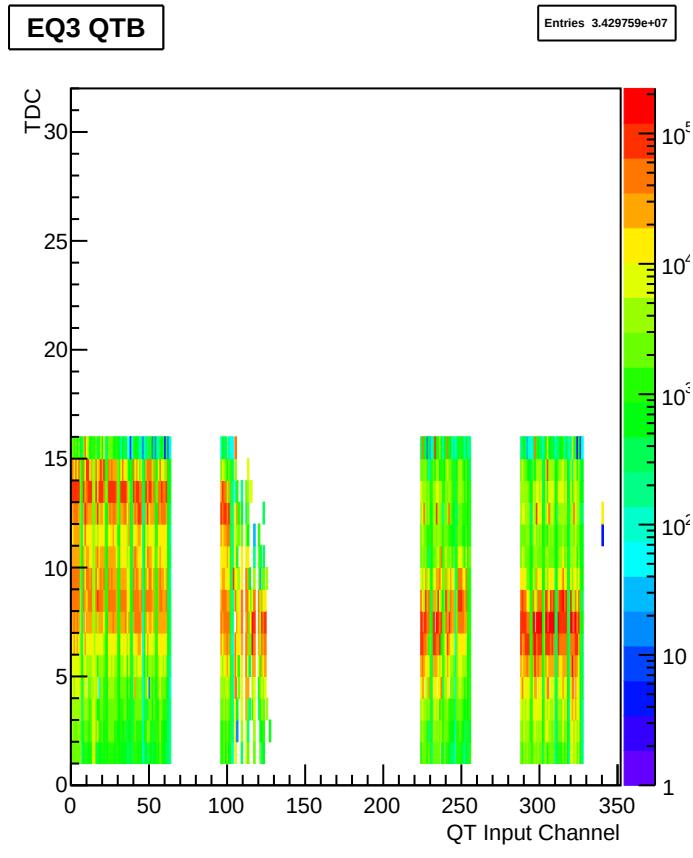

EQ2 QTB
Entries 1.323107e+08
ADC
QT Input Channel

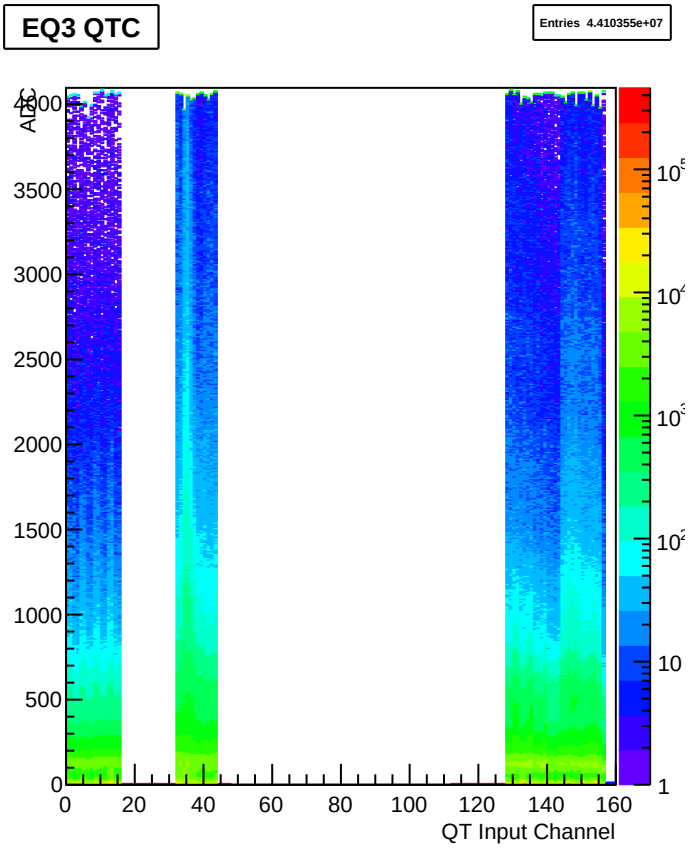

EQ2 QTB
Entries 3.3257e+07
TDC
QT Input Channel

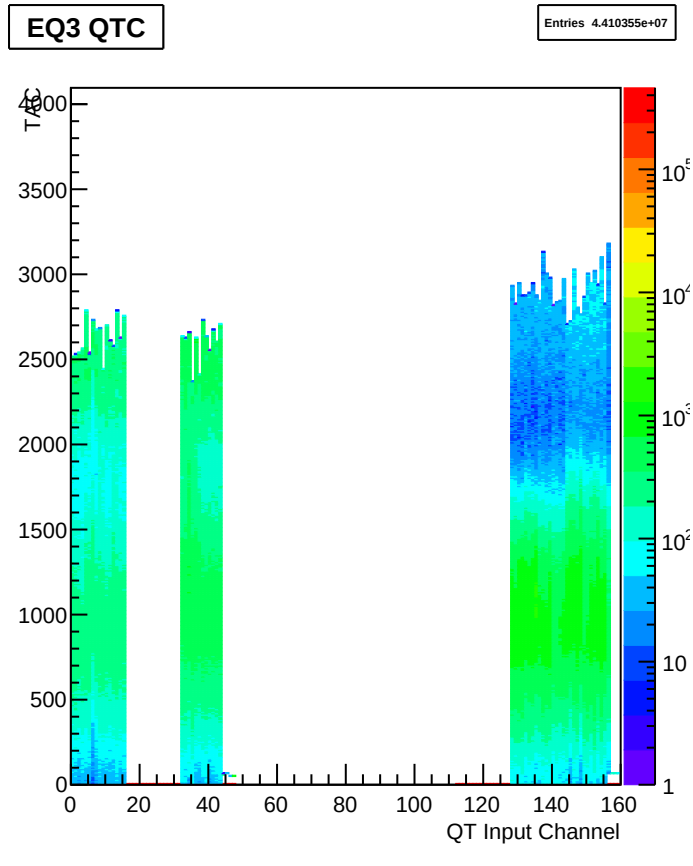

EQ2 QTC
Entries 4.410355e+07
ADC
QT Input Channel

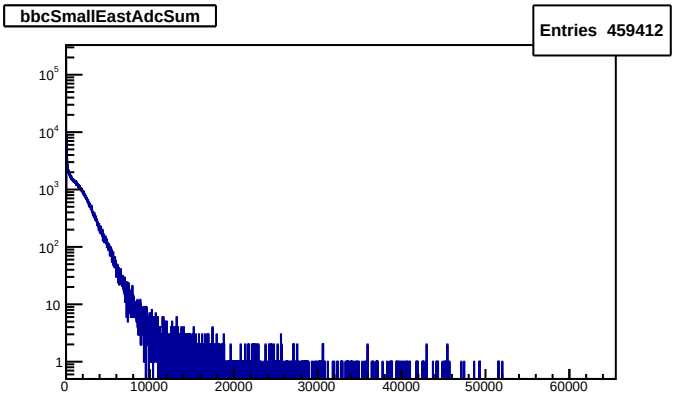

EQ2 QTC
Entries 4.410355e+07
TADC
QT Input Channel

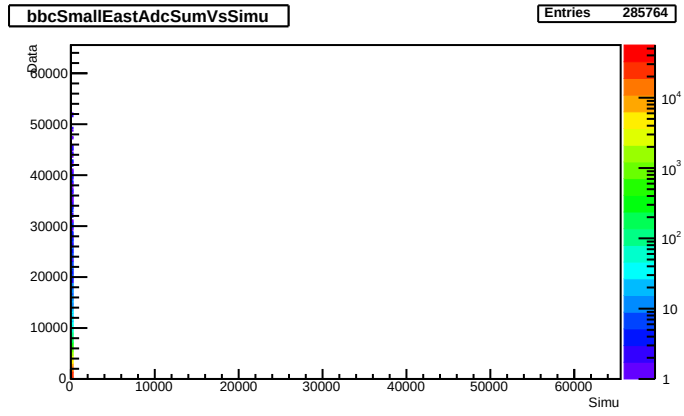

EQ3 QTB
Entries 1.176095e+08
ADC
QT Input Channel

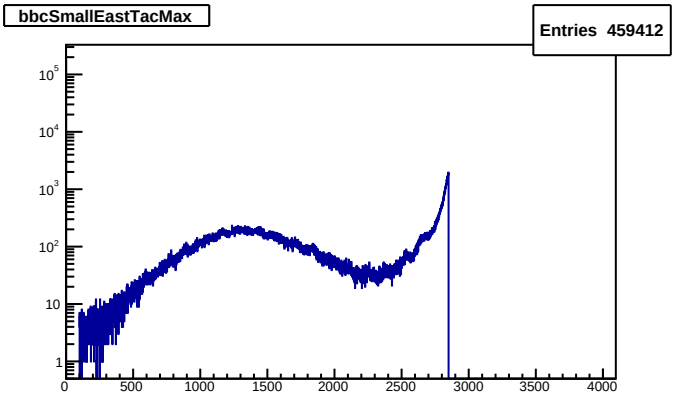

EQ3 QTB
Entries 3.429759e+07
TDC
QT Input Channel

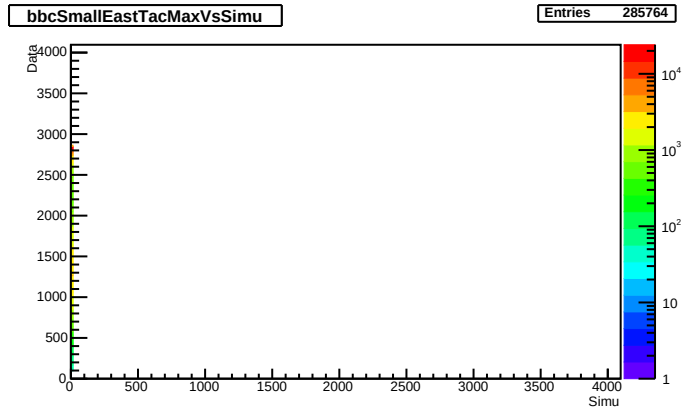

EQ3 QTC
Entries 4.410355e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.410355e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 459412


bbcSmallEastAdcSumVsSimu
Entries 285764
Data
Simu


bbcSmallEastTacMax
Entries 459412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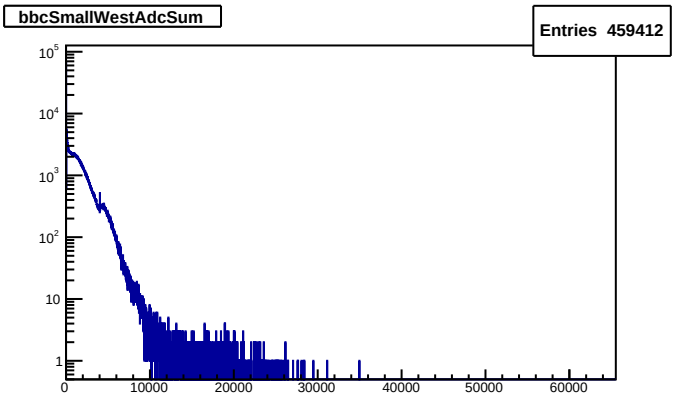
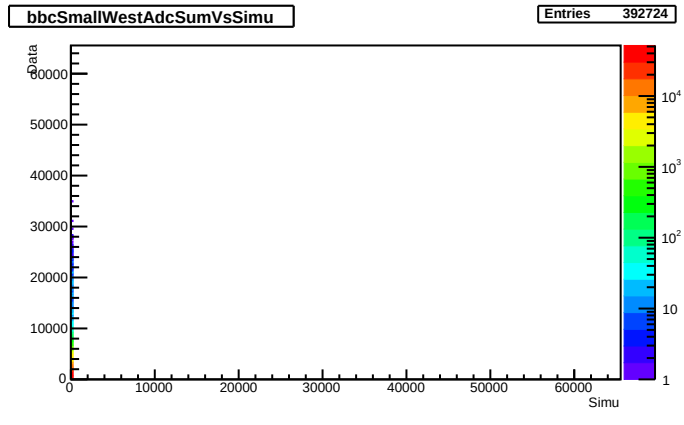
Entries 285764
Data
Simu


bbcSmallWestAdcSum
Entries 459412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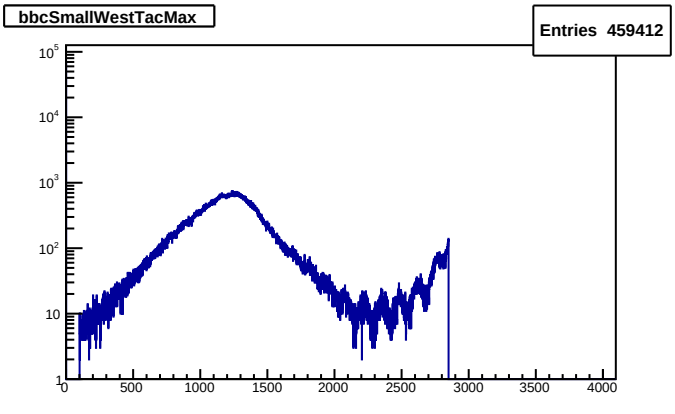
Entries 392724
Data
Simu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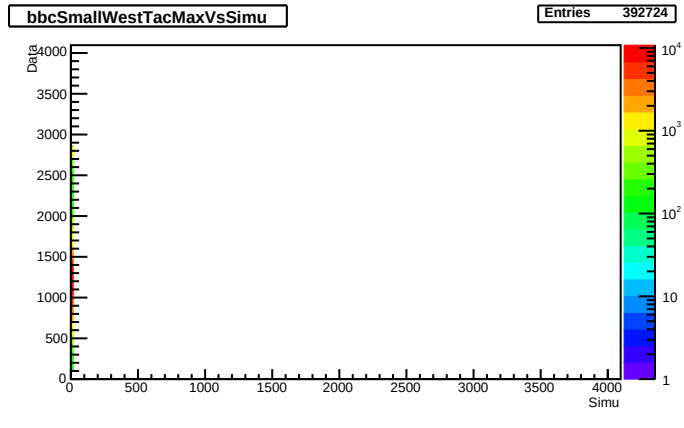
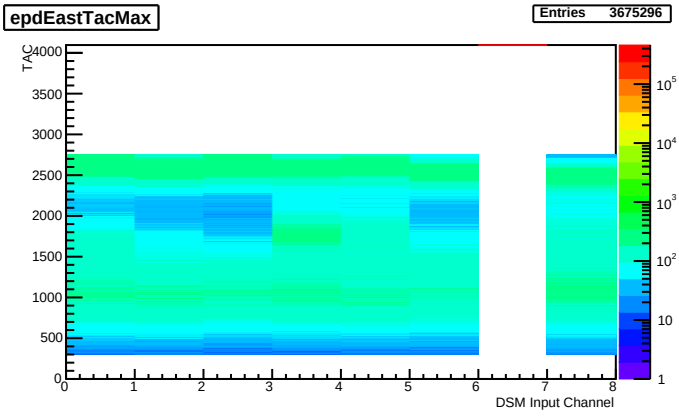
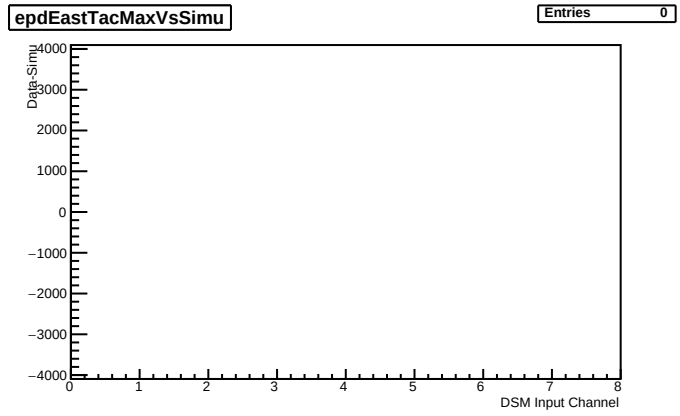
Entries 459412


bbcSmallWestTacMaxVsSimu
Entries 392724
Data
Simu


epdEastTacMax
Entries 3675296
TAC
DSM Input Channel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Entries 0
Data-Simu
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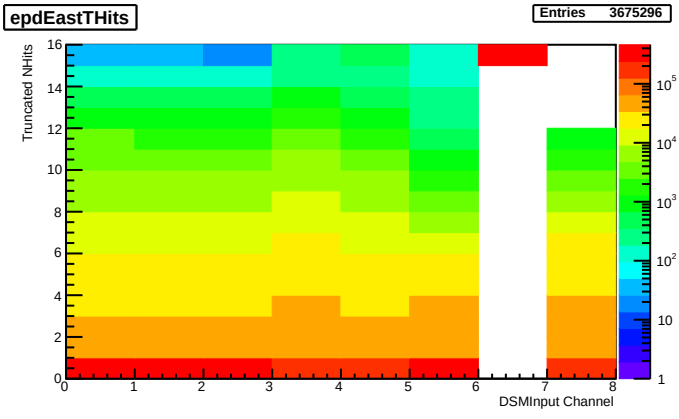
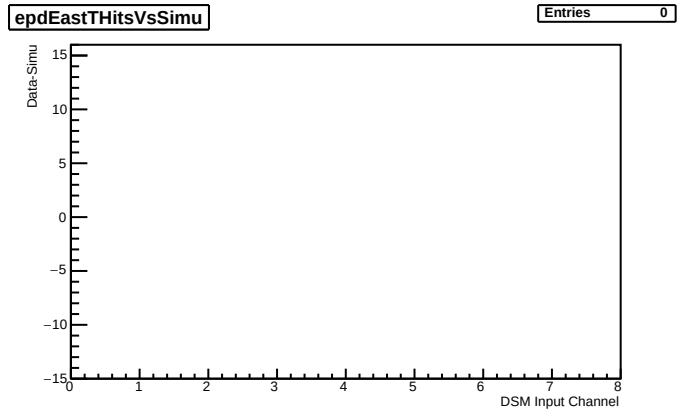

epdEastTHits
Entries 3675296
Truncated NHits
DSMInput Channel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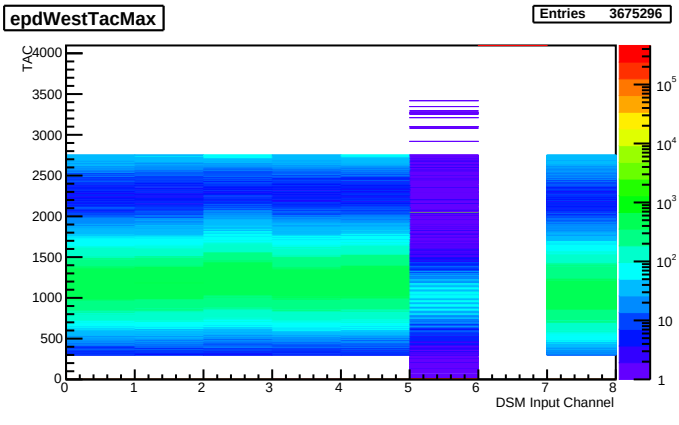
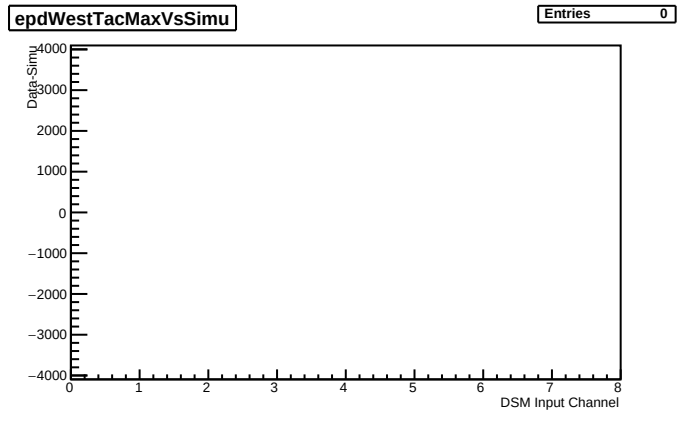
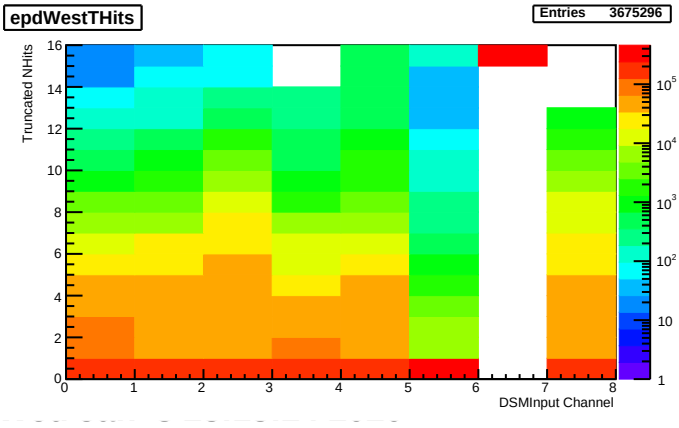
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3675296
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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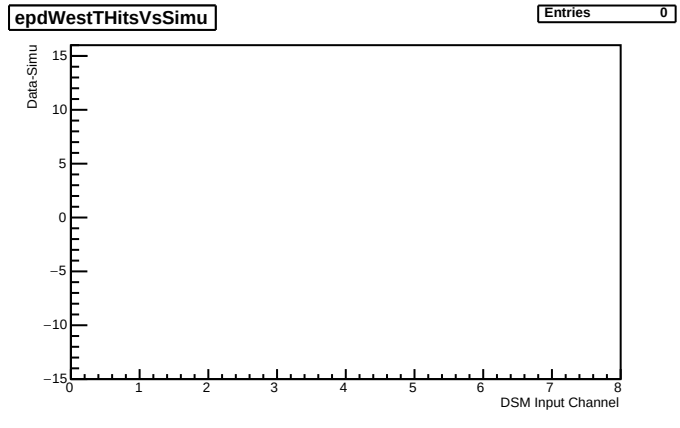
Entries 3675296
Truncated NHits
DSMInput Channel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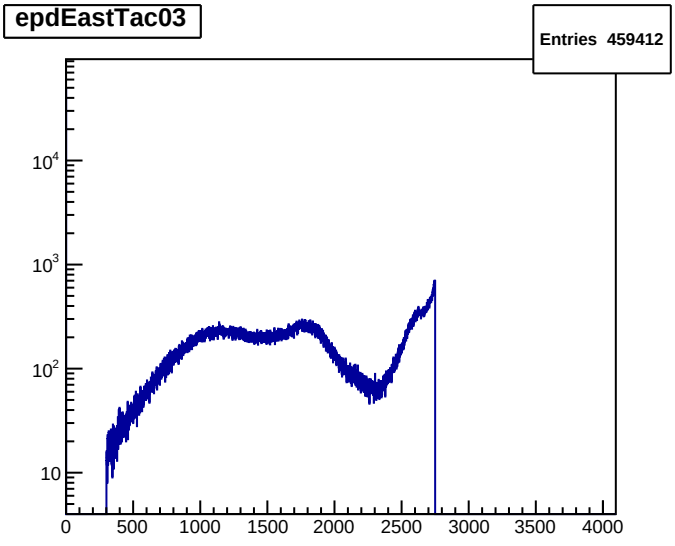
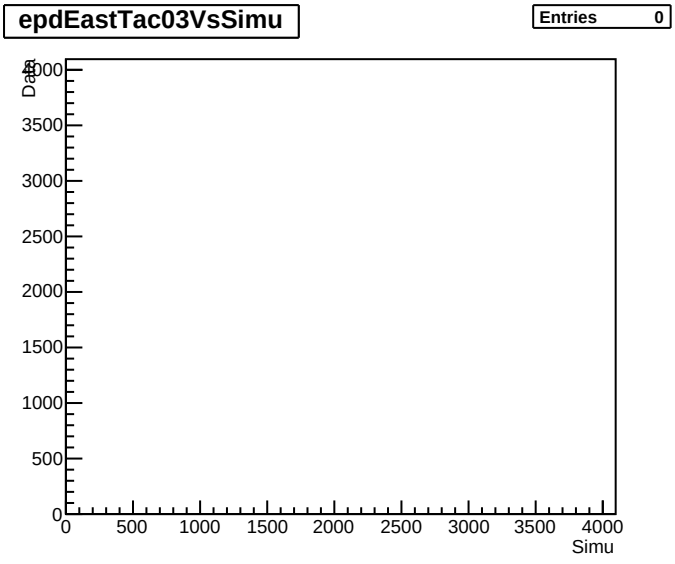
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 459412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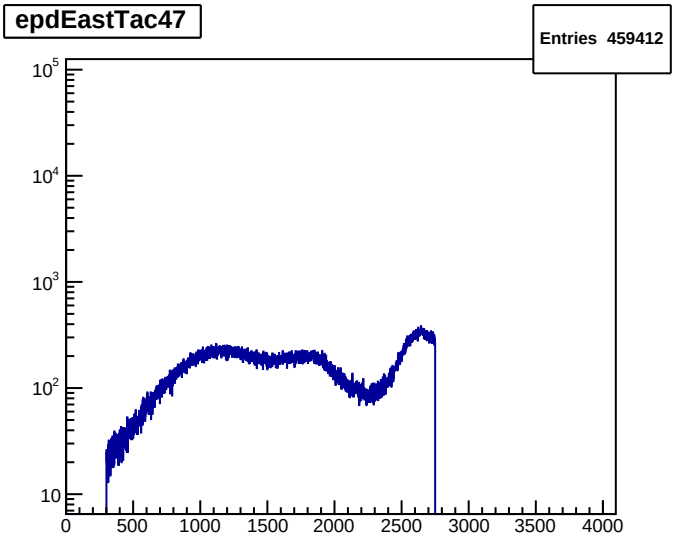
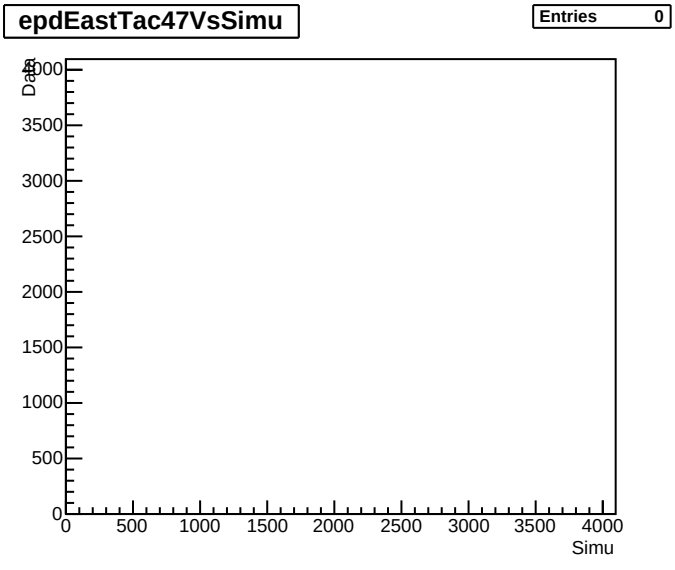
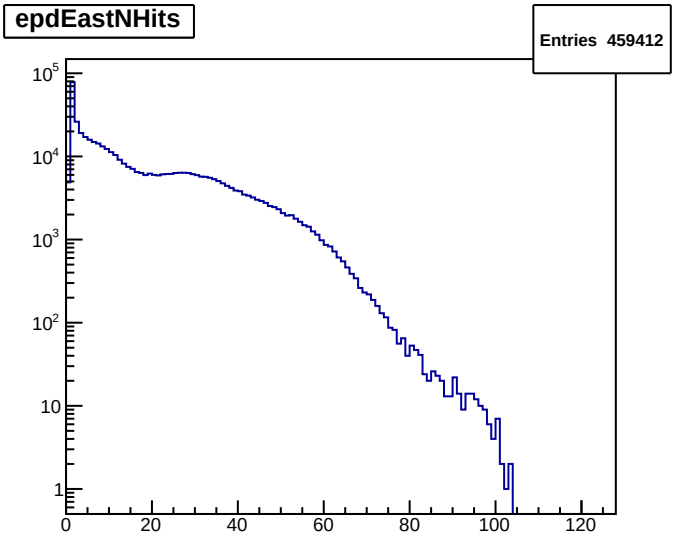
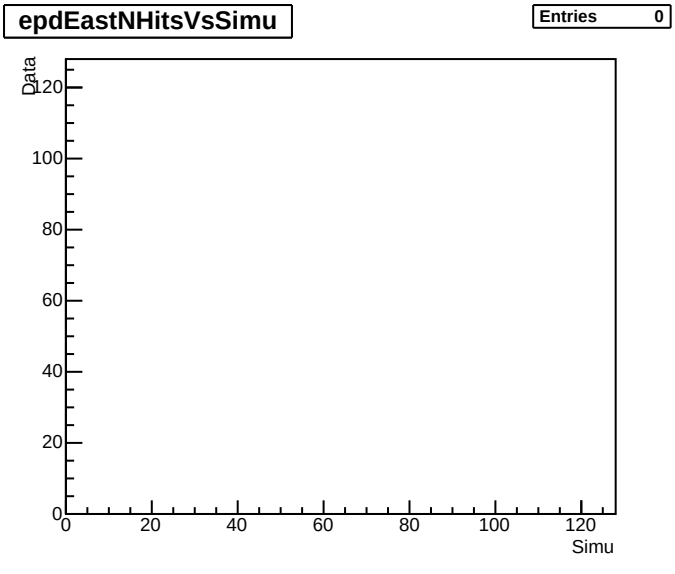
Entries 0
Data
Simu


epdEastTac47
Entries 459412


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 459412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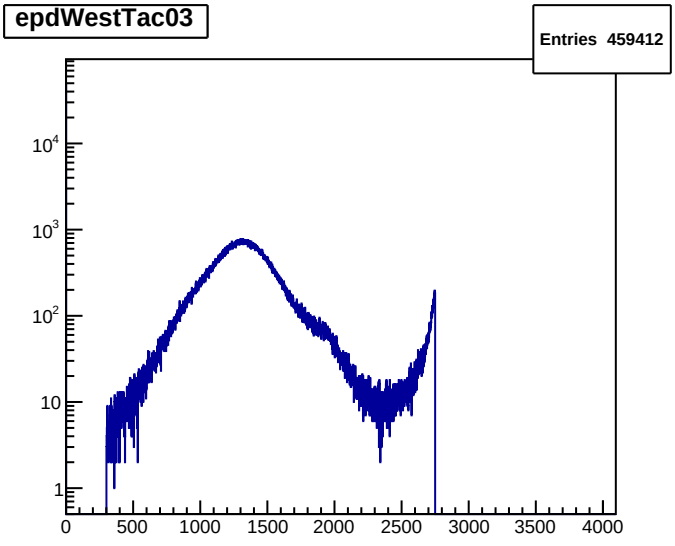
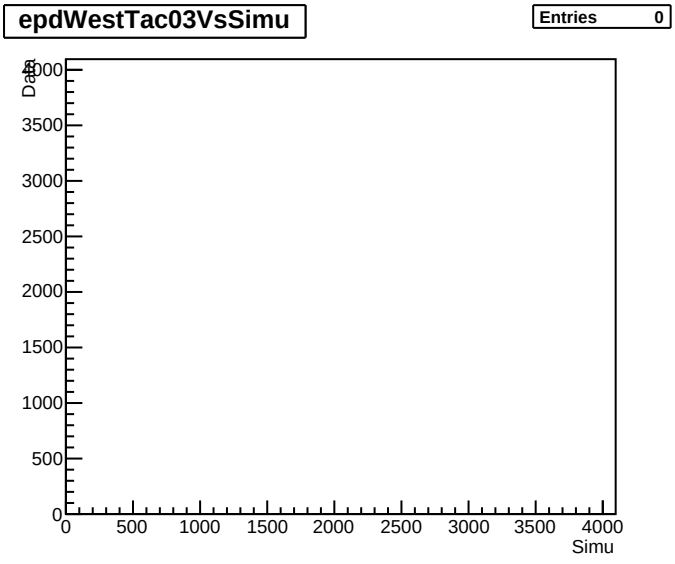
Entries 0
Data
Simu


epdWestTac03
Entries 459412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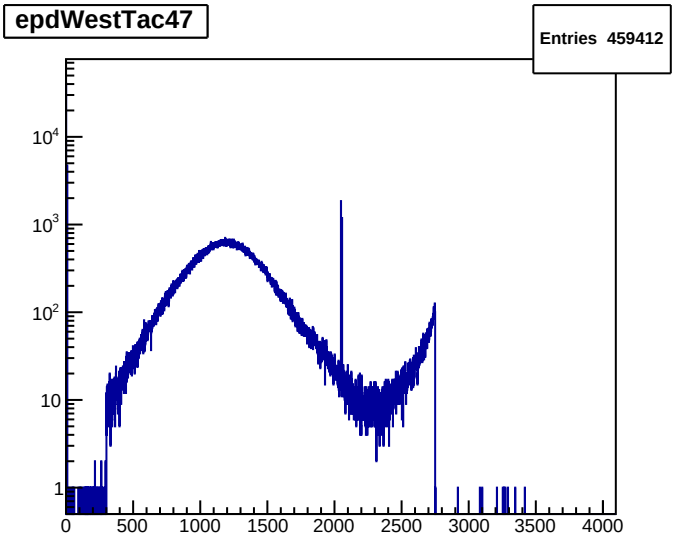
Entries 0
Data
Simu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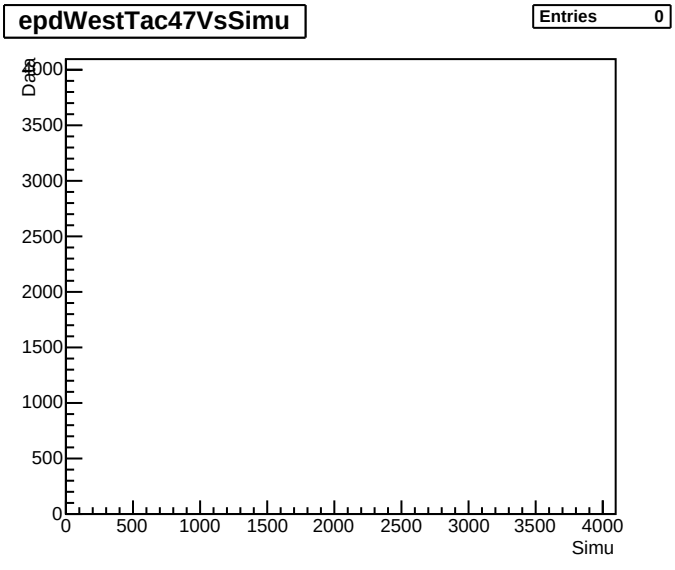
Entries 459412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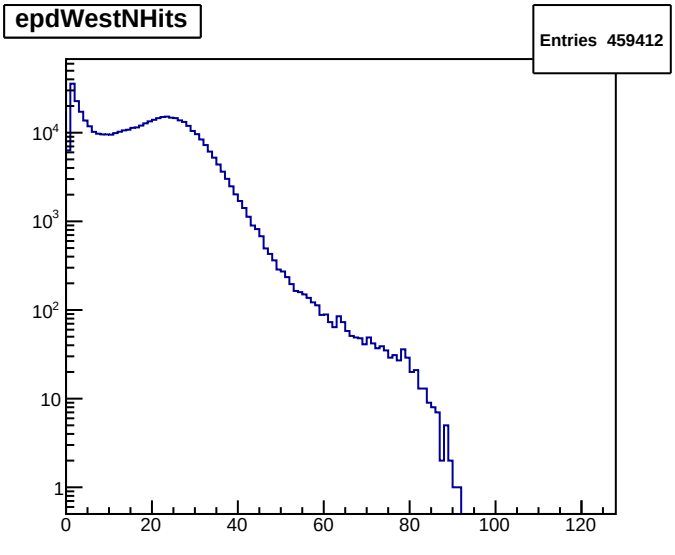
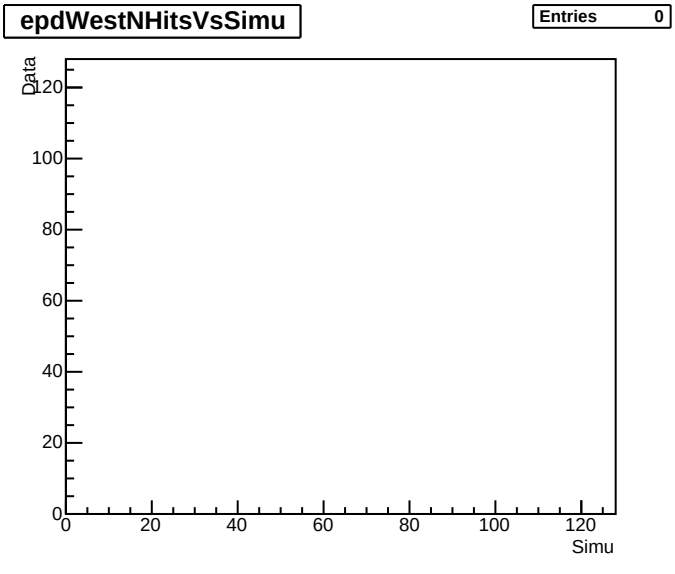
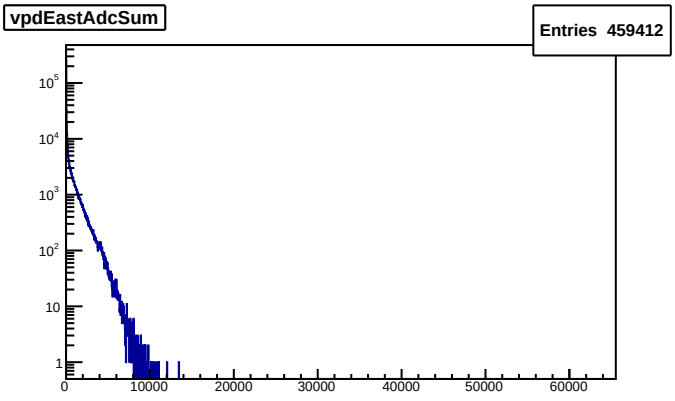
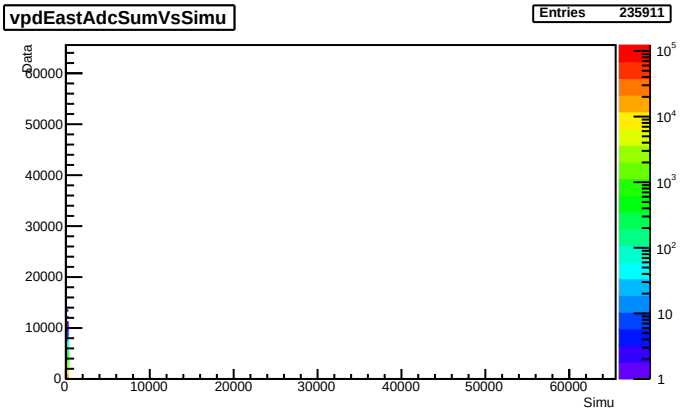
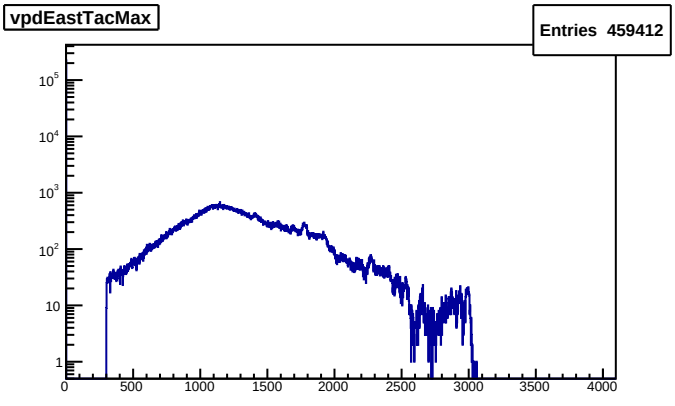
Entries 0
Data
Simu

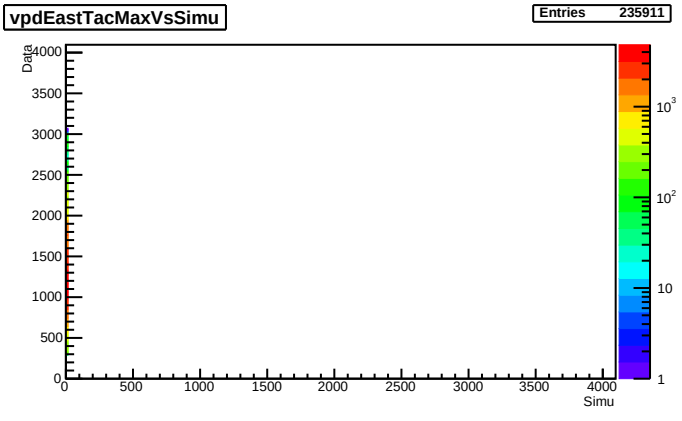

epdWestNHits
Entries 459412

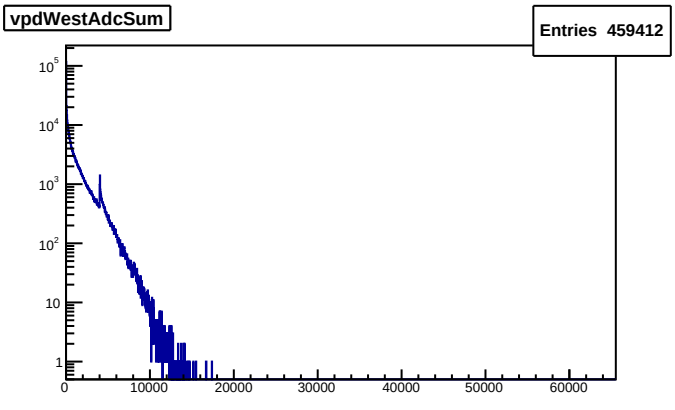

epdWestNHitsVsSimu
Entries 0
Data
Simu

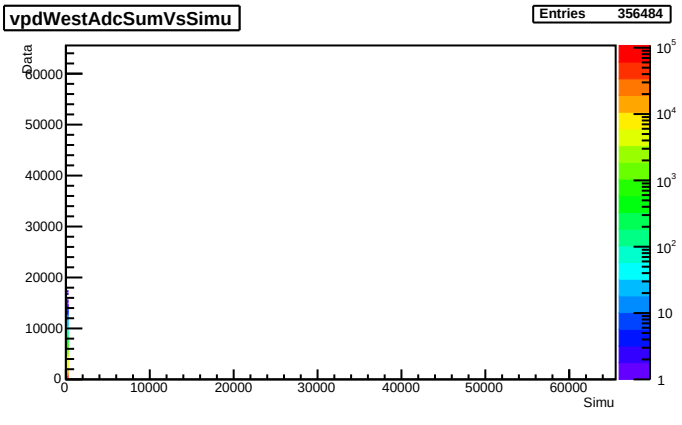

vpdEastAdcSum
Entries 459412

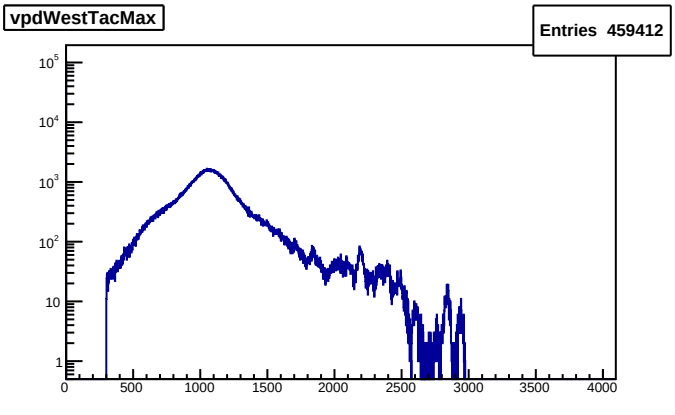

vpdEastAdcSumVsSimu
Entries 235911
Data
Simu

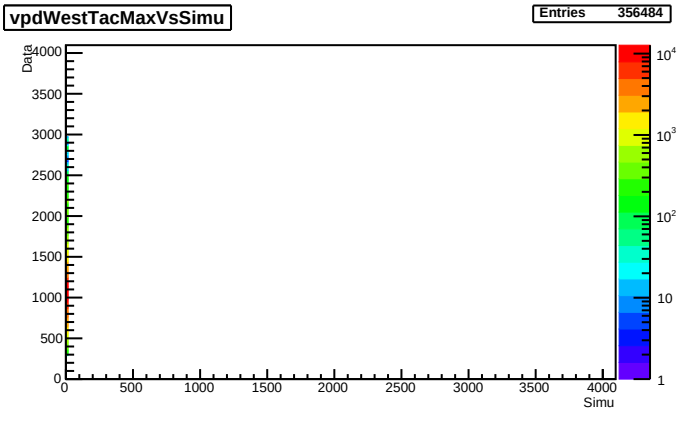

vpdEastTacMax
Entries 459412

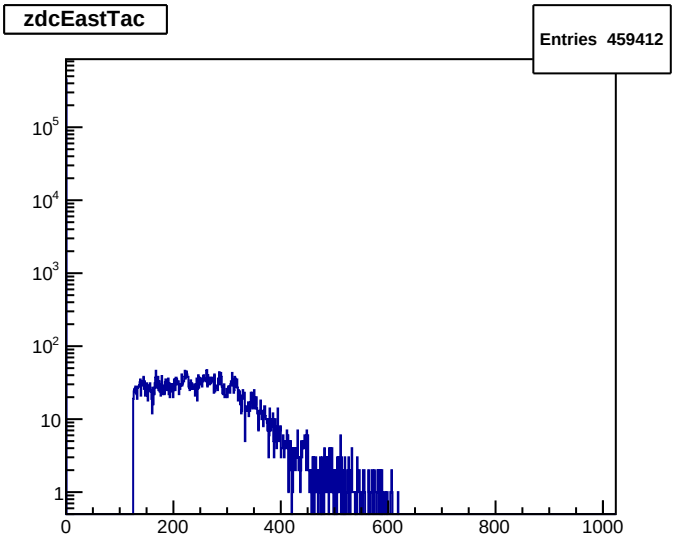

vpdEastTacMaxVsSimu
Entries 235911
Data
Simu

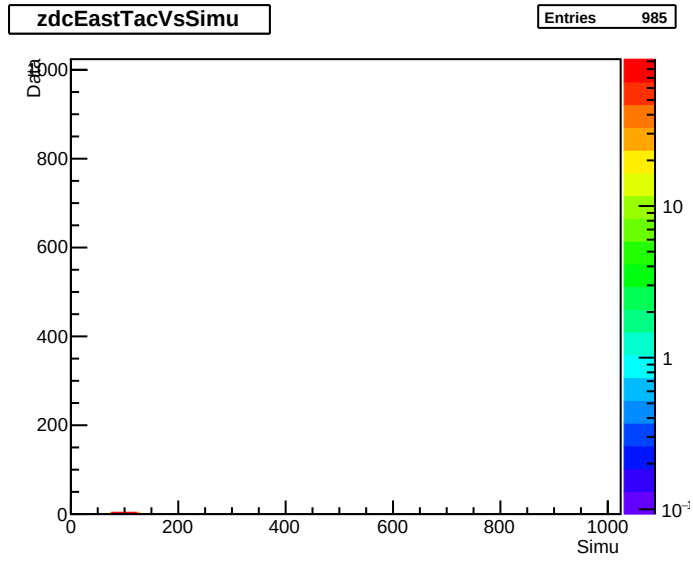

vpdWestAdcSum
Entries 459412

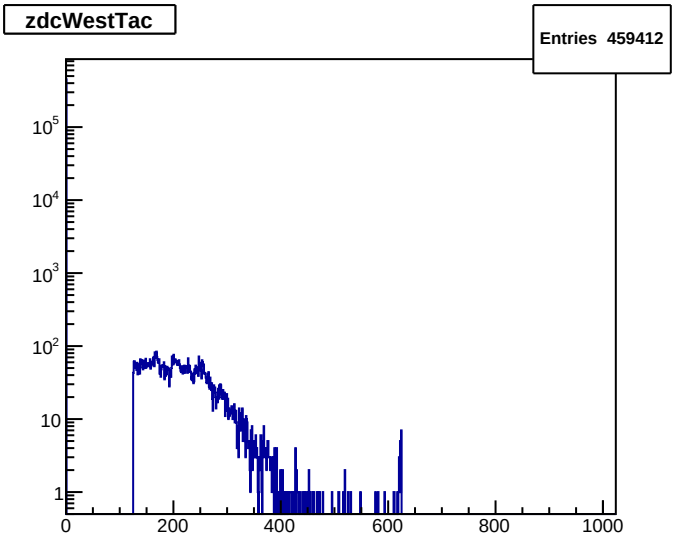

vpdWestAdcSumVsSimu
Entries 356484
Data
Simu

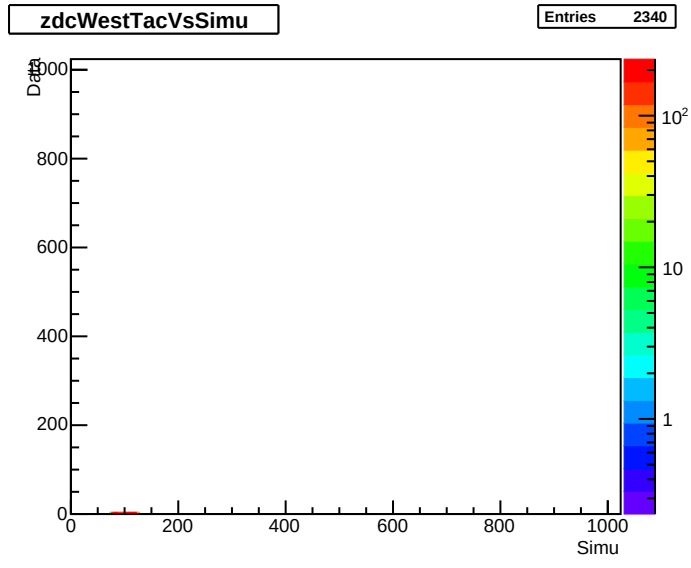

vpdWestTacMax
Entries 459412

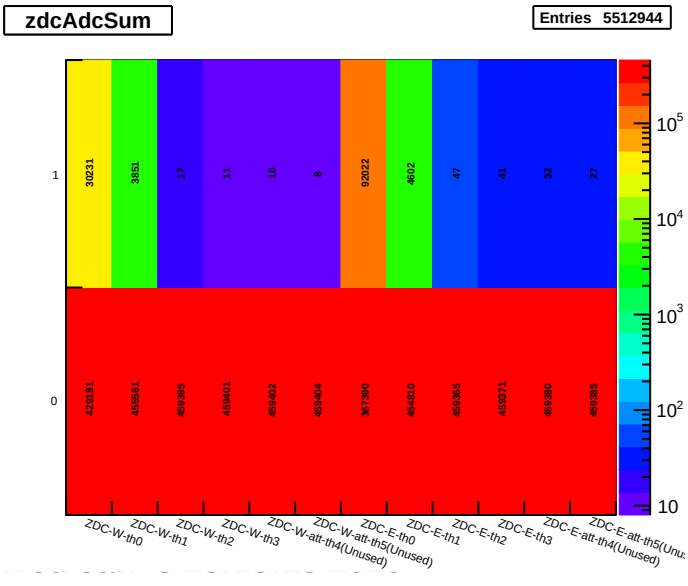

vpdWestTacMaxVsSimu
Entries 356484
Data
Simu

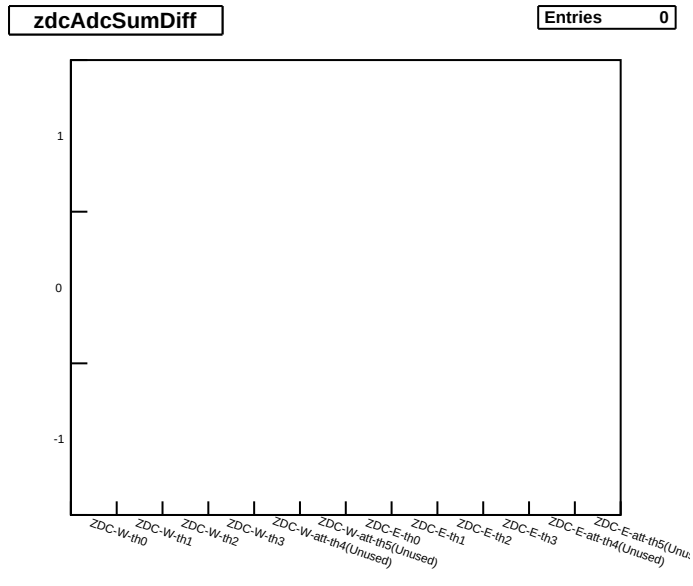

zdcEastTac
Entries 459412

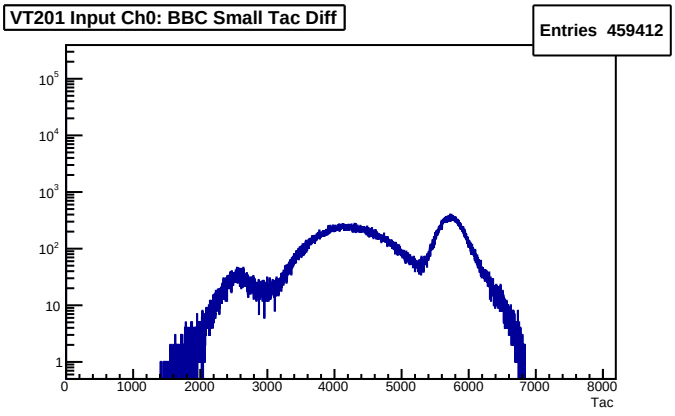

zdcEastTacVsSimu
Entries 985
Data
Simu

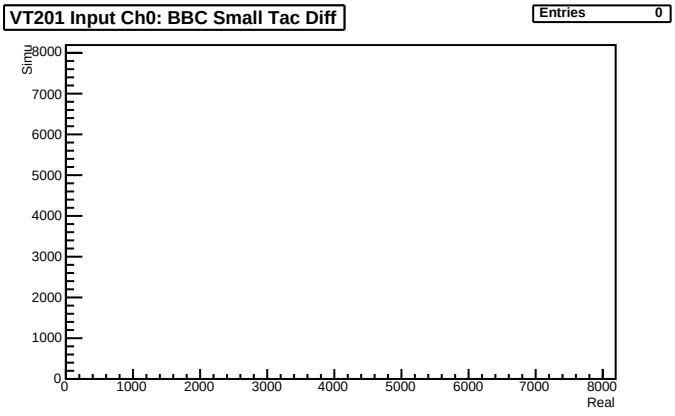

zdcWestTac
Entries 459412

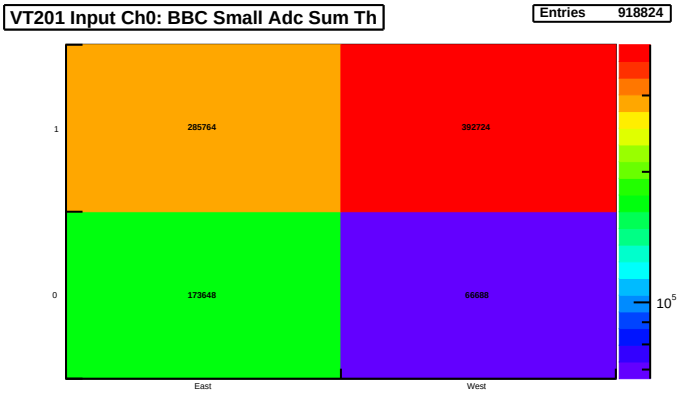

zdcWestTacVsSimu
Entries 2340
Data
Simu

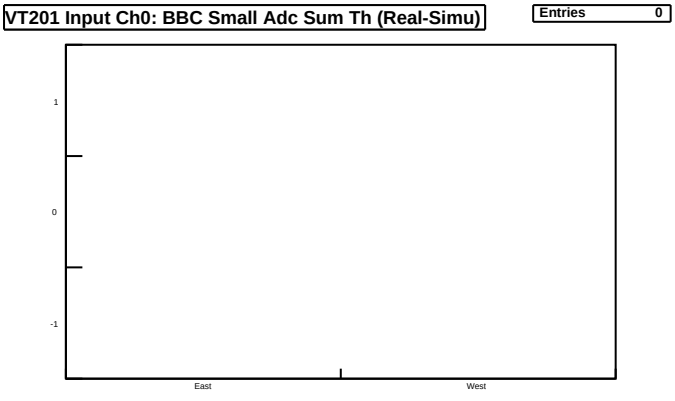

zdcAdcSum
Entries 5512944
30231
3851
17
11
10
8
92022
4602
47
41
32
27
429181
455561
459395
459401
459402
459404
367390
454810
459365
459371
459380
459385
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

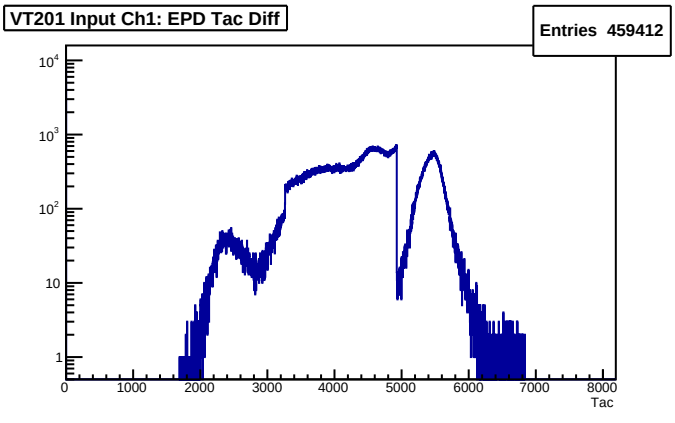

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

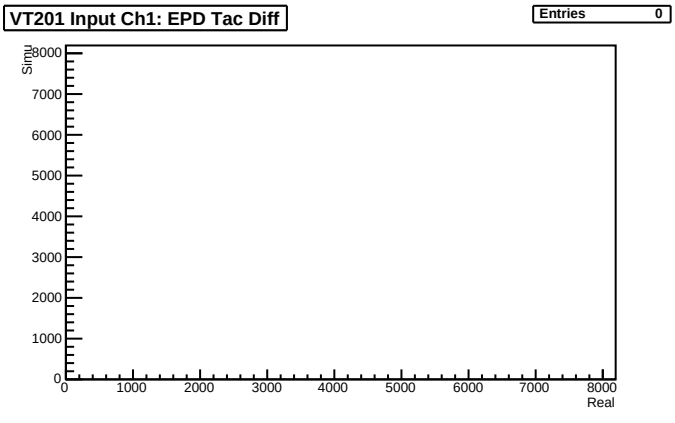

VT201 Input Ch0: BBC Small Tac Diff
Entries 459412
Tac

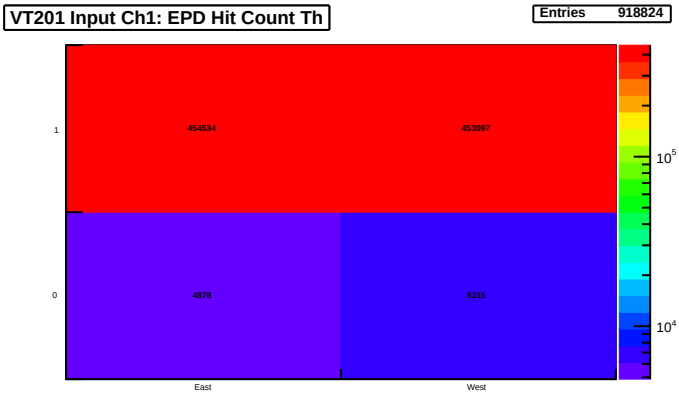

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

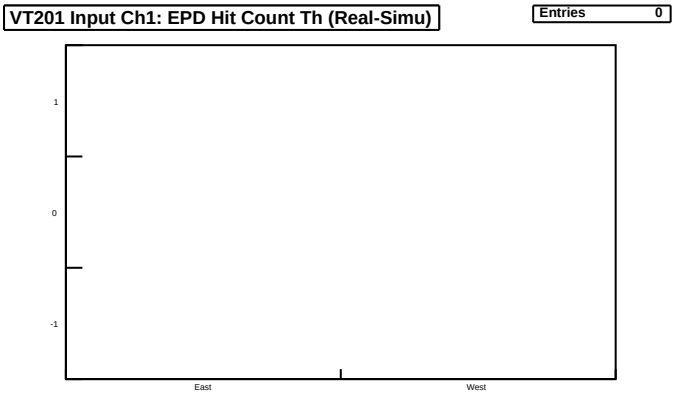

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 918824
285764
392724
173648
66688
East
West

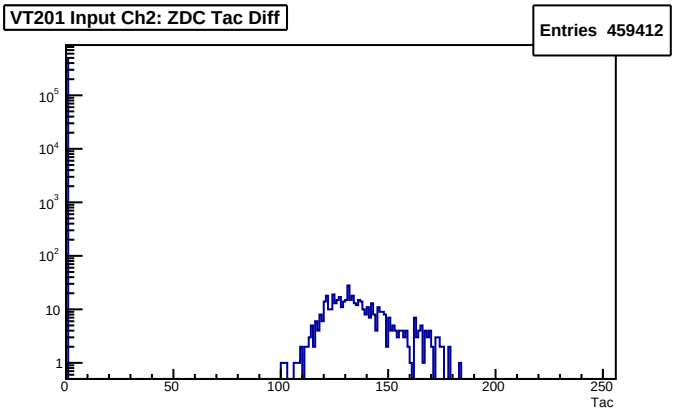

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

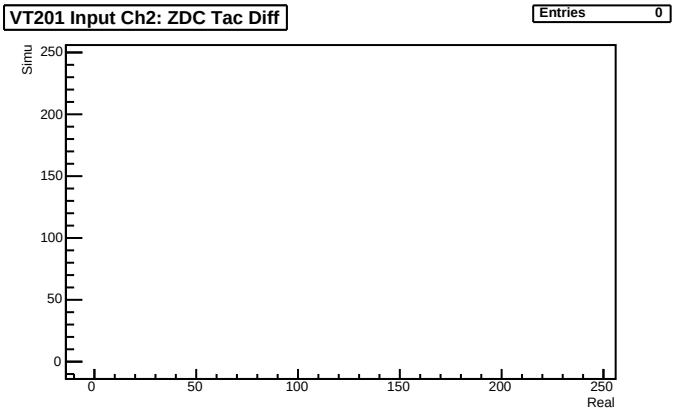

VT201 Input Ch1: EPD Tac Diff
Entries 459412
Tac

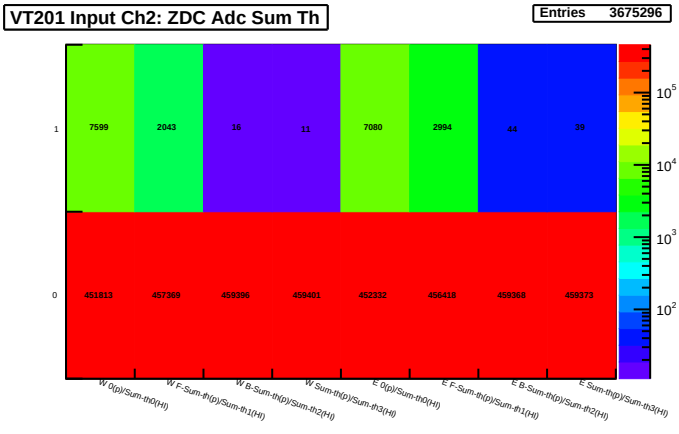

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

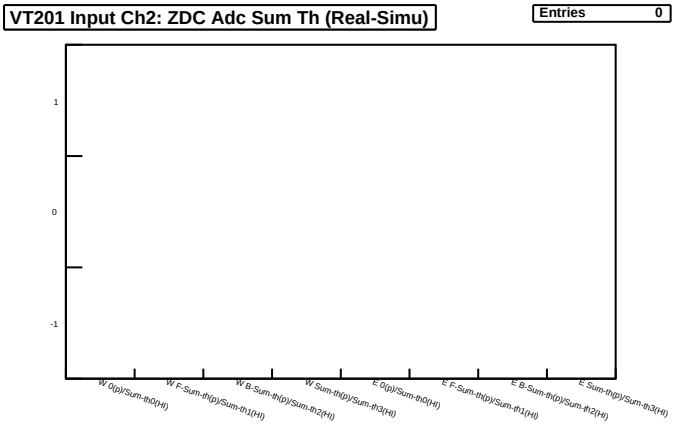

VT201 Input Ch1: EPD Hit Count Th
Entries 918824
454534
453097
4878
6315
East
West

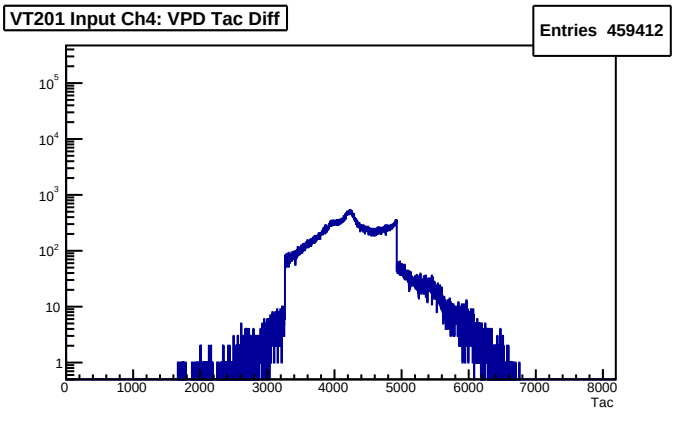

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

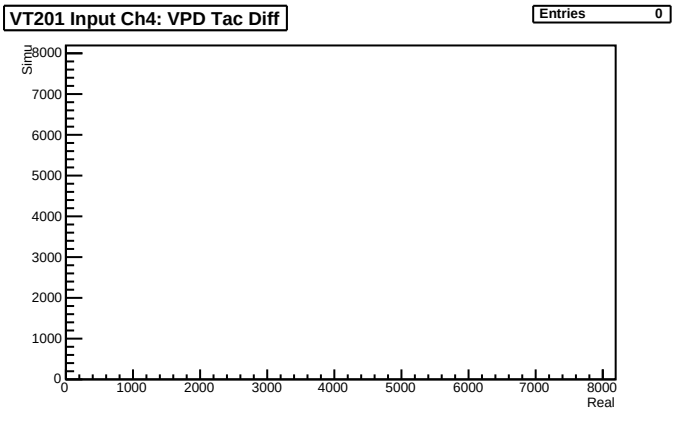

VT201 Input Ch2: ZDC Tac Diff
Entries 459412
Tac

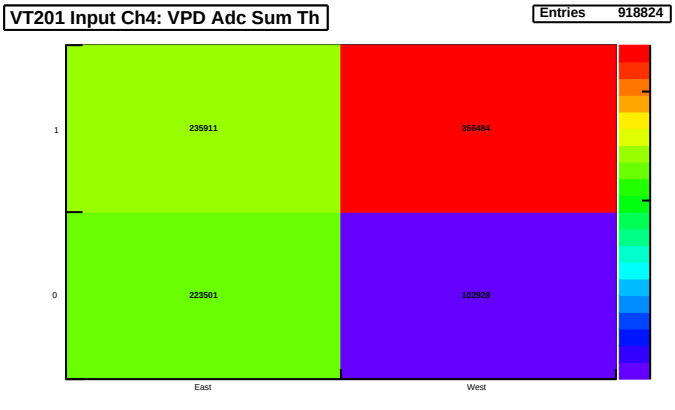

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

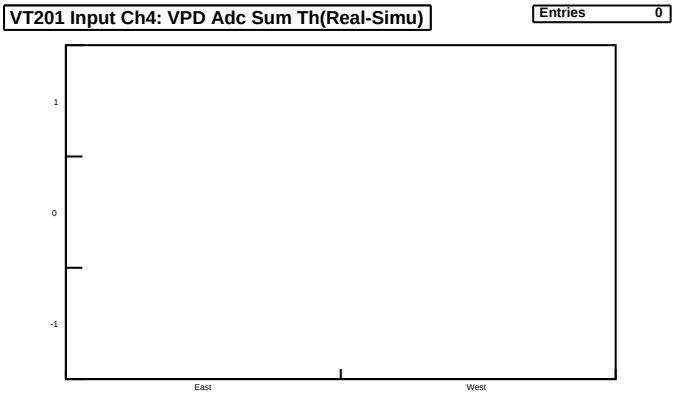

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3675296
7599
2043
16
11
7080
2994
44
39
451813
457369
459396
459401
452332
456418
459368
459373
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

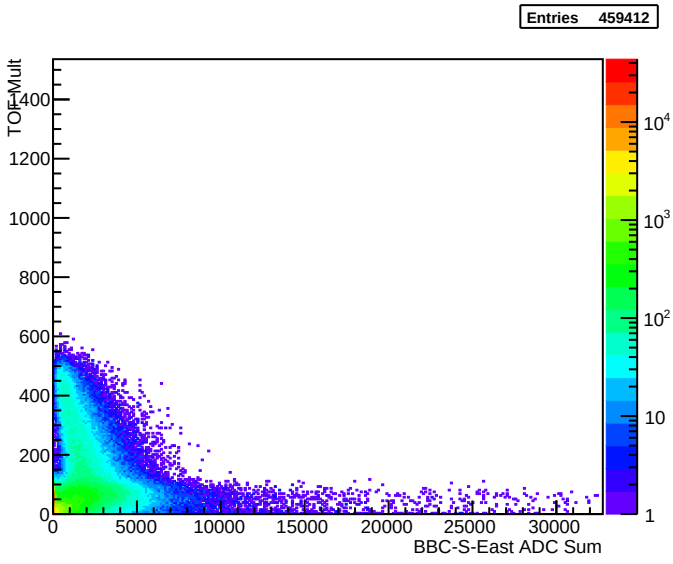

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

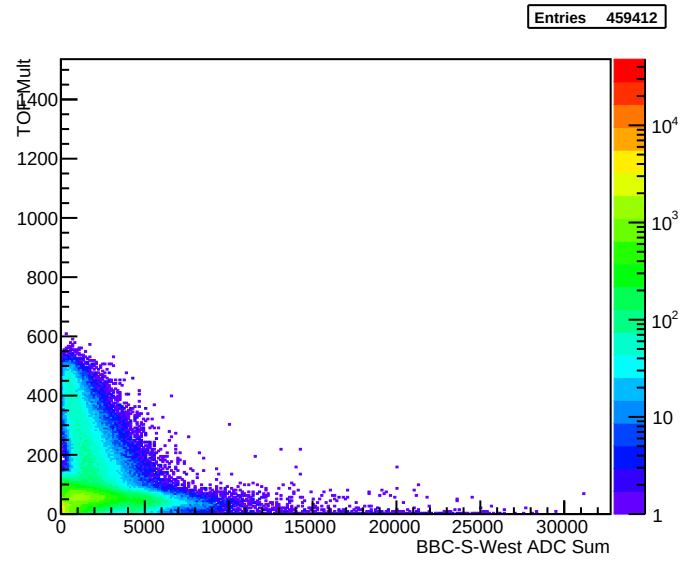

VT201 Input Ch4: VPD Tac Diff
Entries 459412
Tac

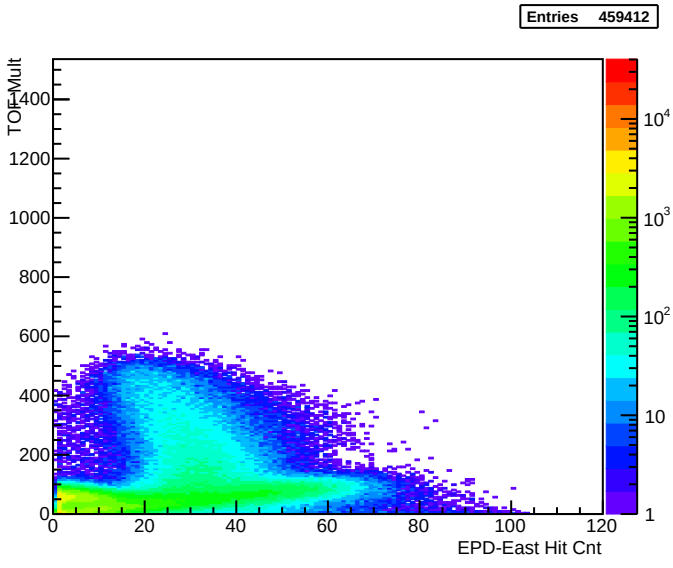

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

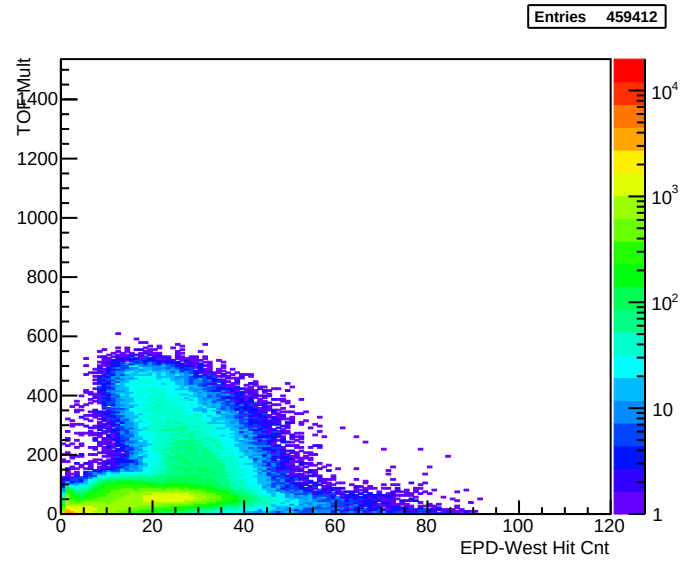

VT201 Input Ch4: VPD Adc Sum Th
Entries 918824
235911
356484
223501
102928
East
West

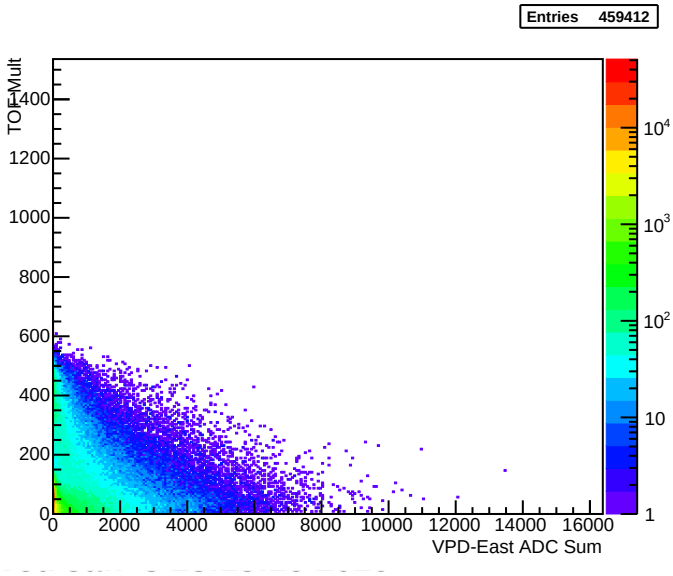

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

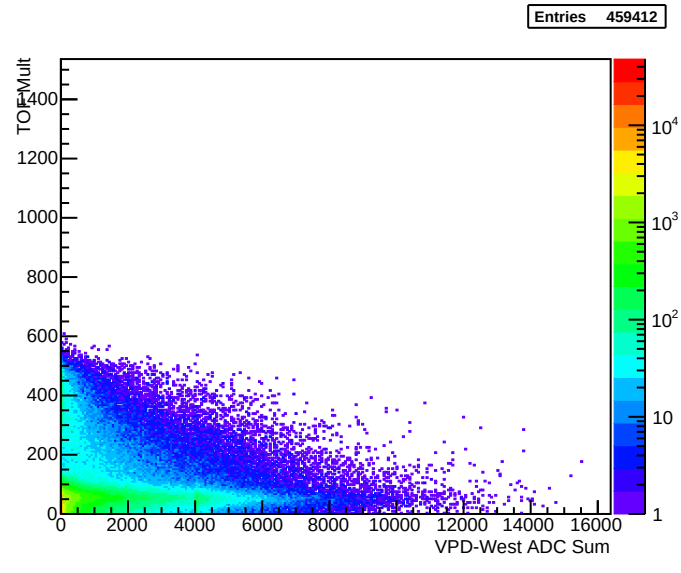

Entries 459412
TOF-Mult
BBC-S-East ADC Sum

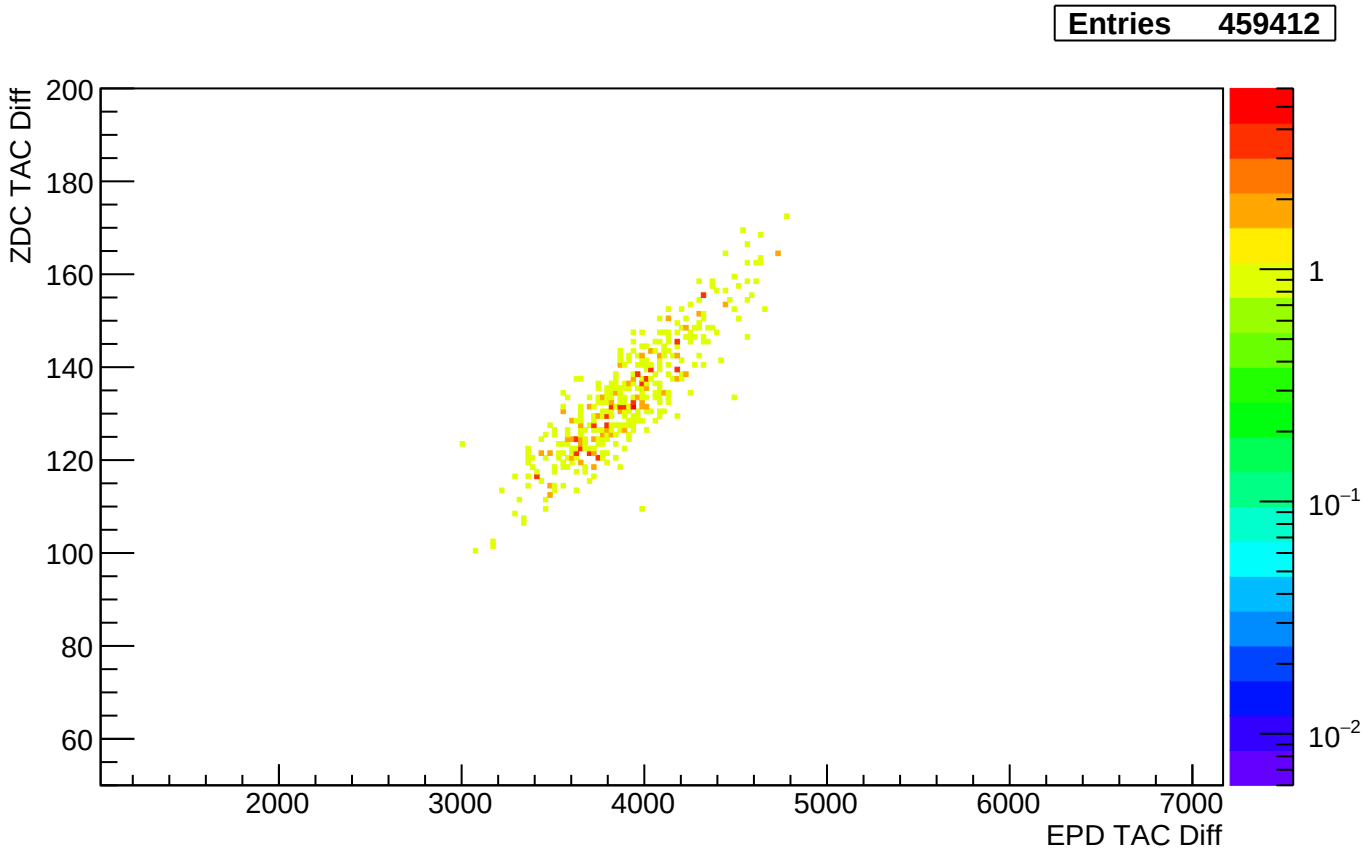

Entries 459412
TOF-Mult
BBC-S-West ADC Sum

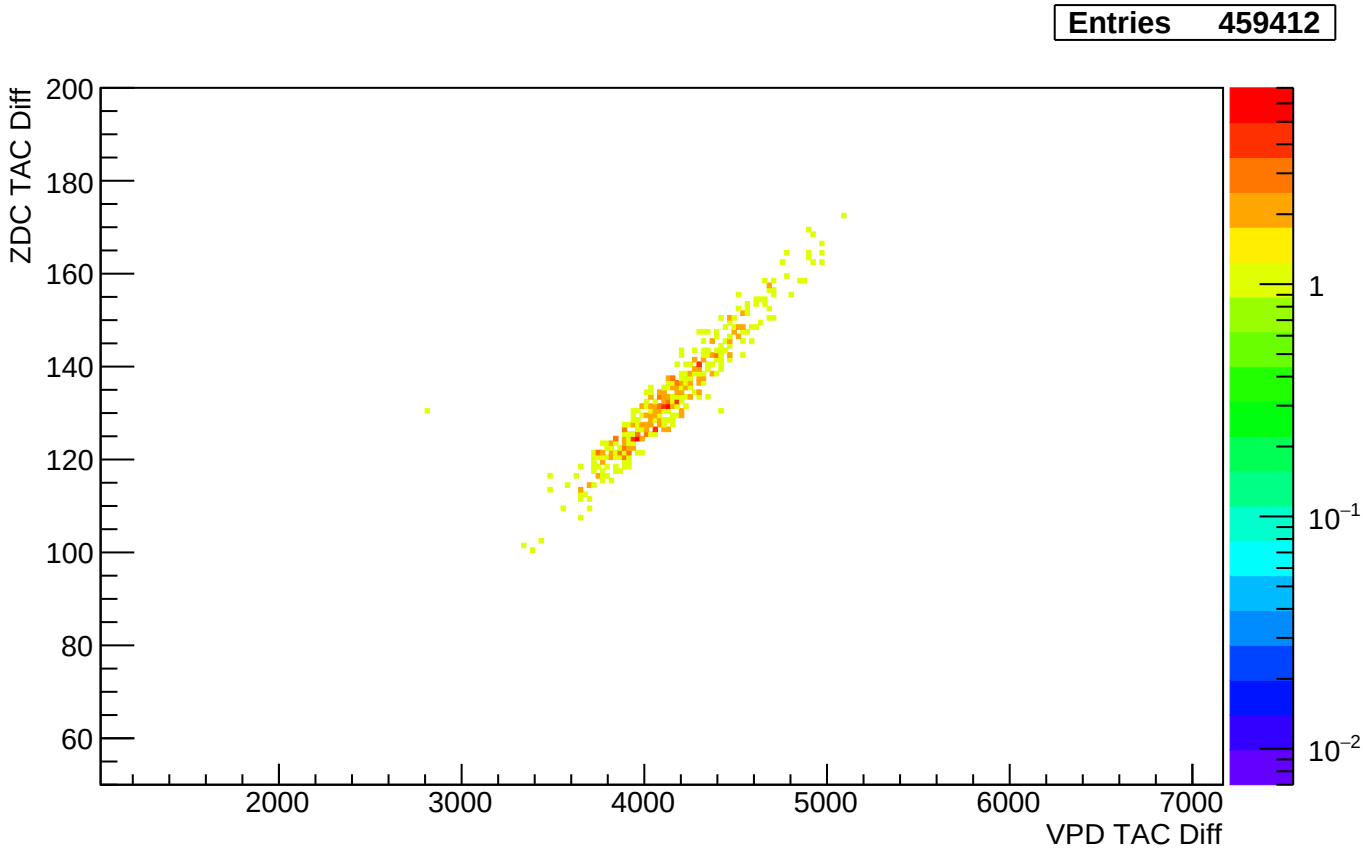

Entries 459412
TOF-Mult
EPD-East Hit Cnt

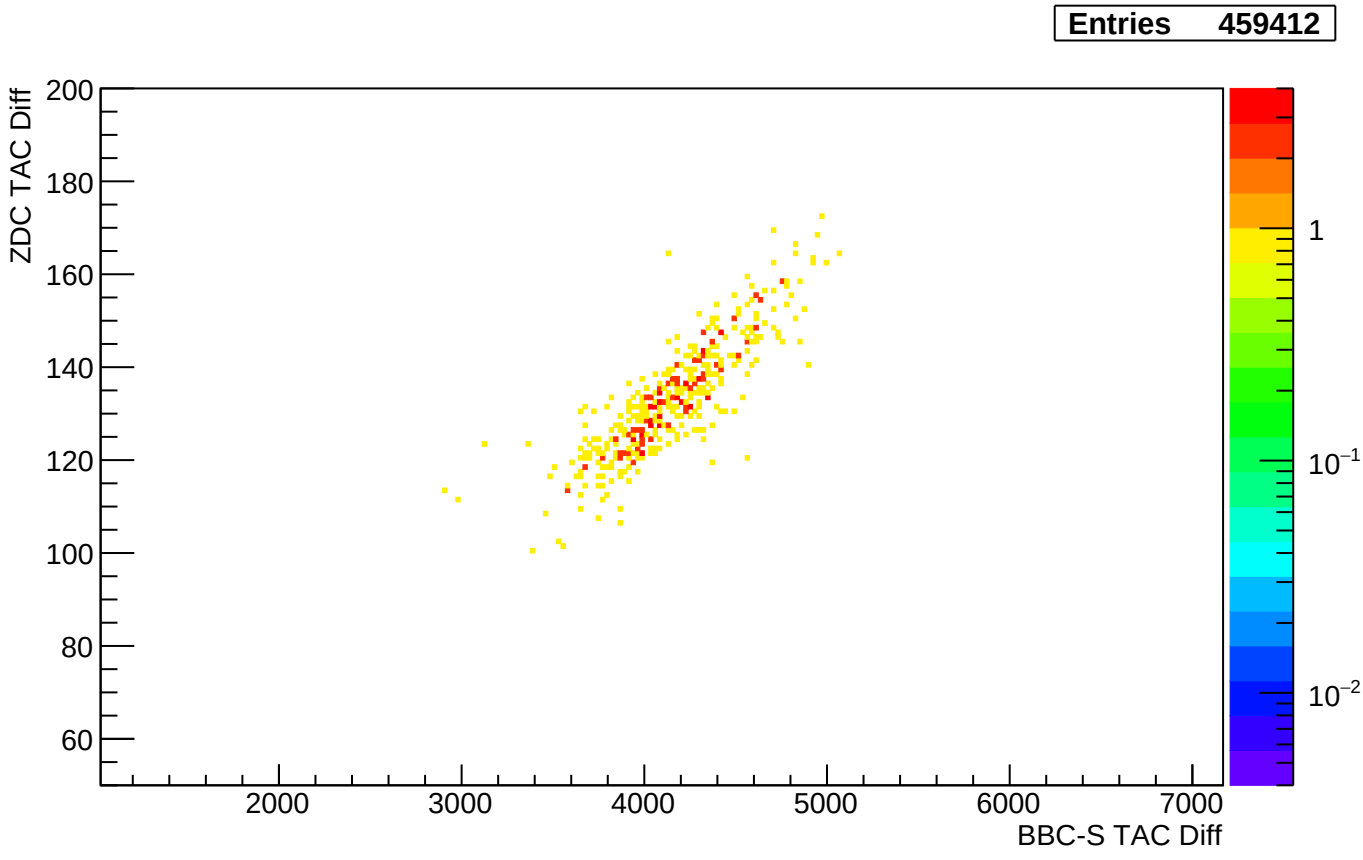

Entries 459412
TOF-Mult
EPD-West Hit Cnt

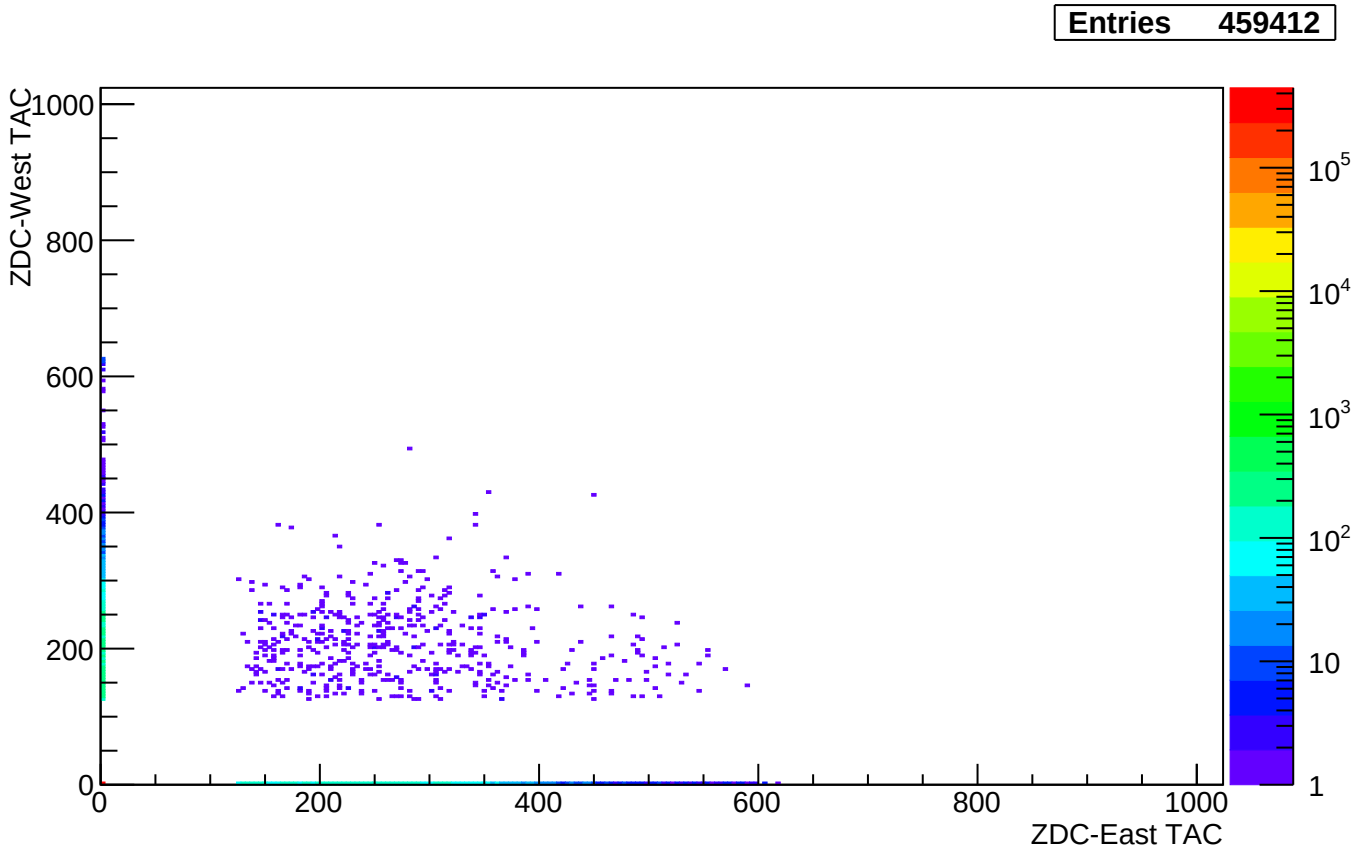

Entries 459412
TOF-Mult
VPD-East ADC Sum

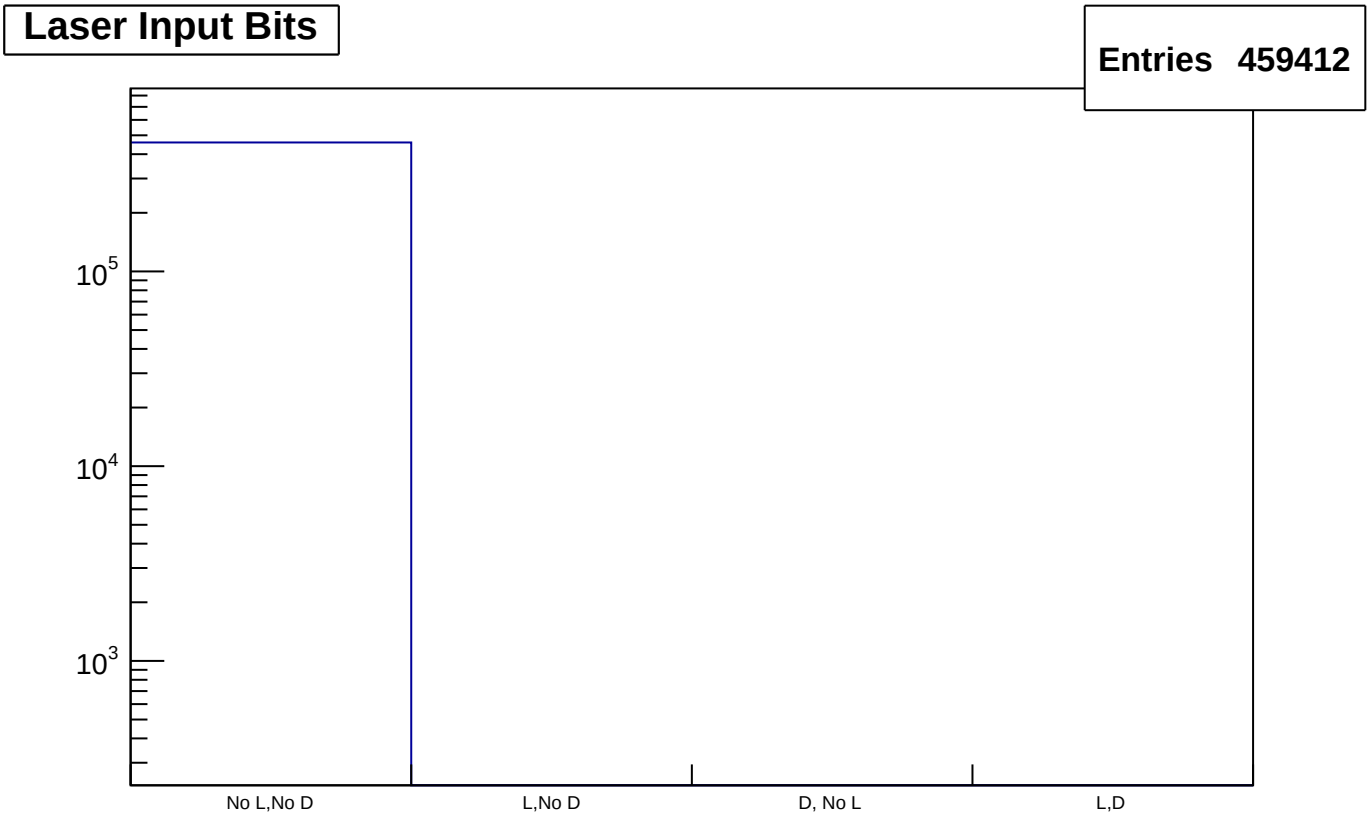

Entries 459412
TOF-Mult
VPD-West ADC Sum

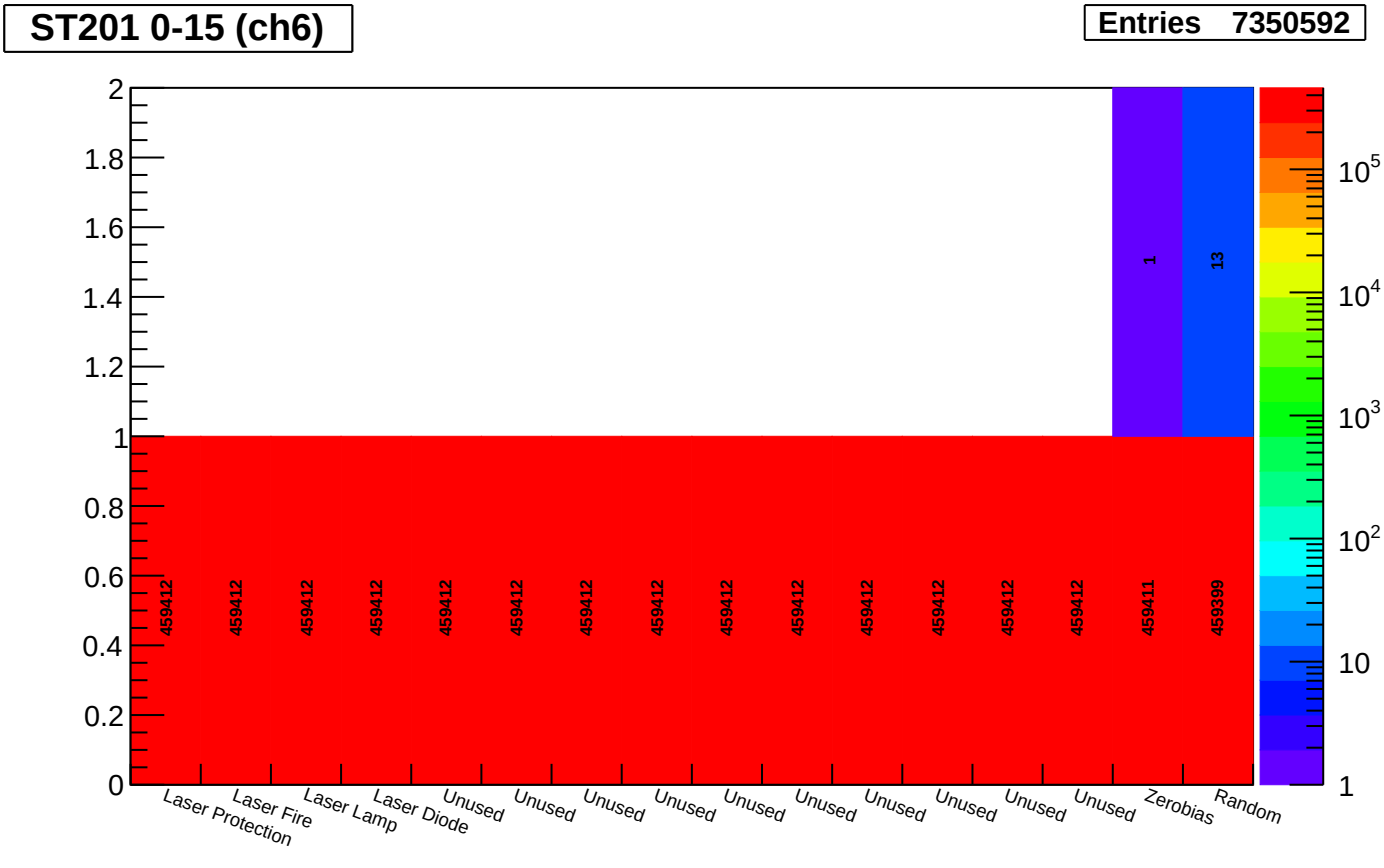

Entries 459412
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

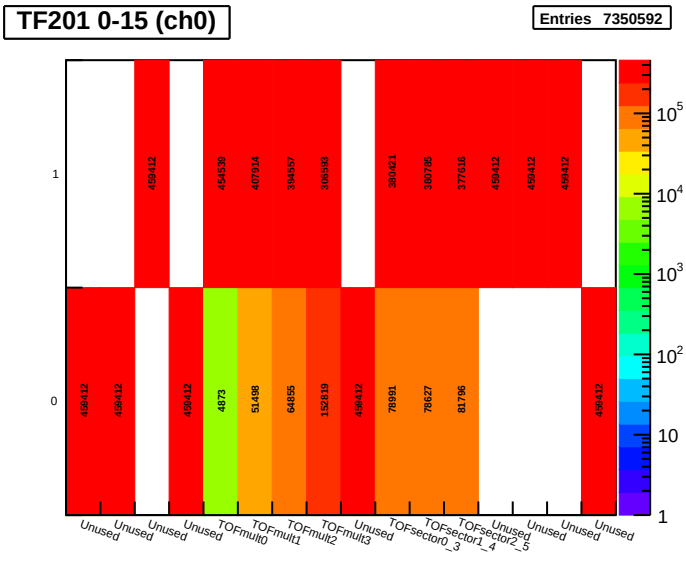

Entries 459412
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

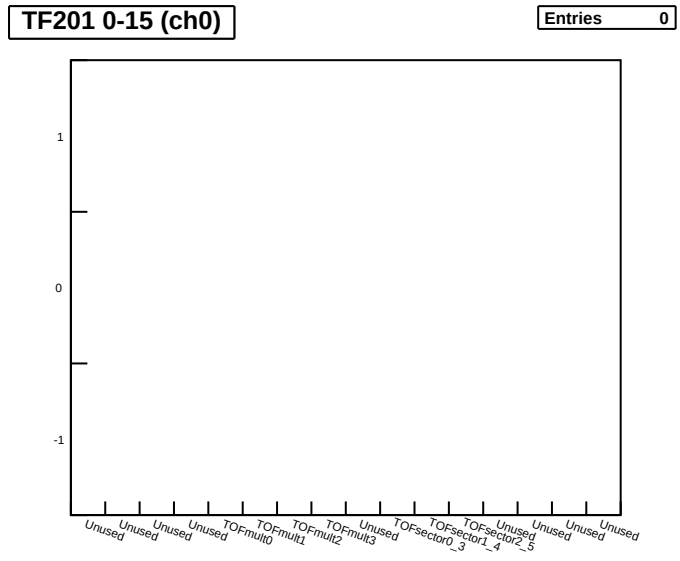

Entries 459412
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

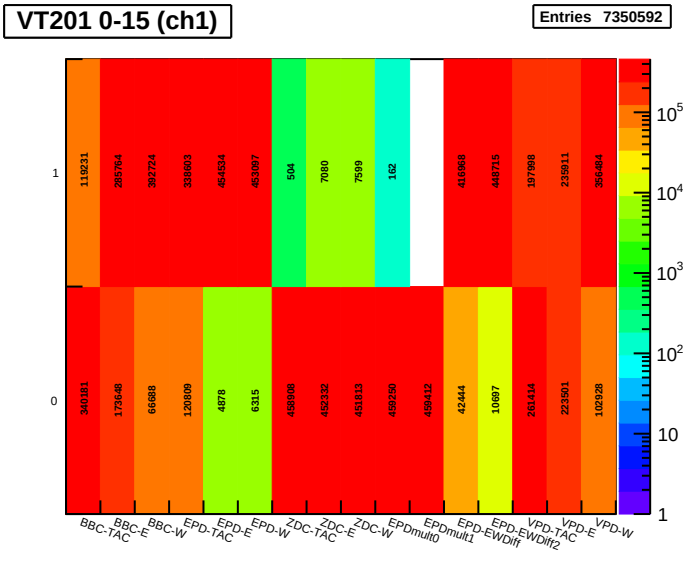

Entries 459412
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

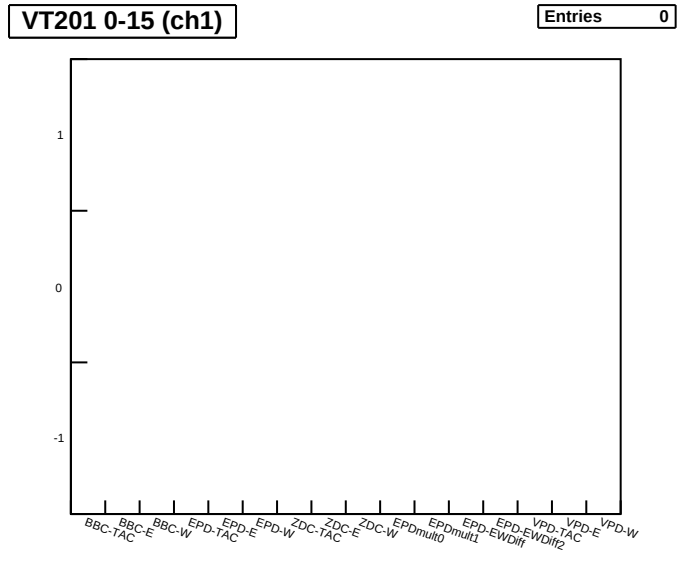

Laser Input Bits
Entries 459412
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

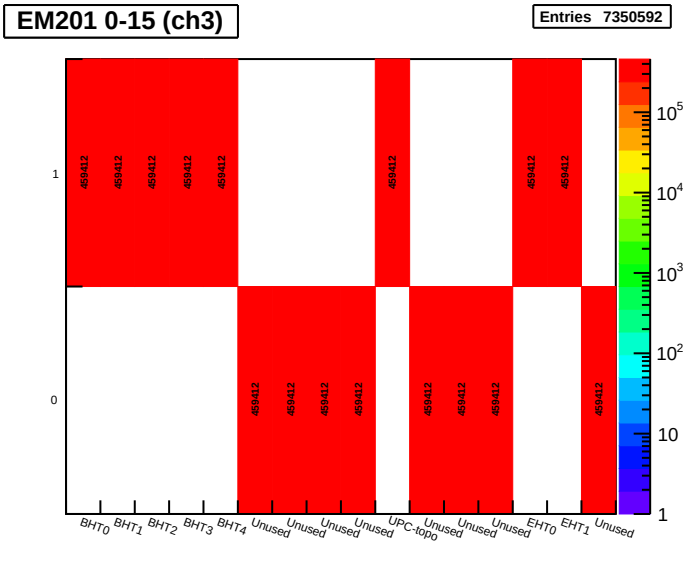

ST201 0-15 (ch6)
Entries 7350592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459411
459399
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

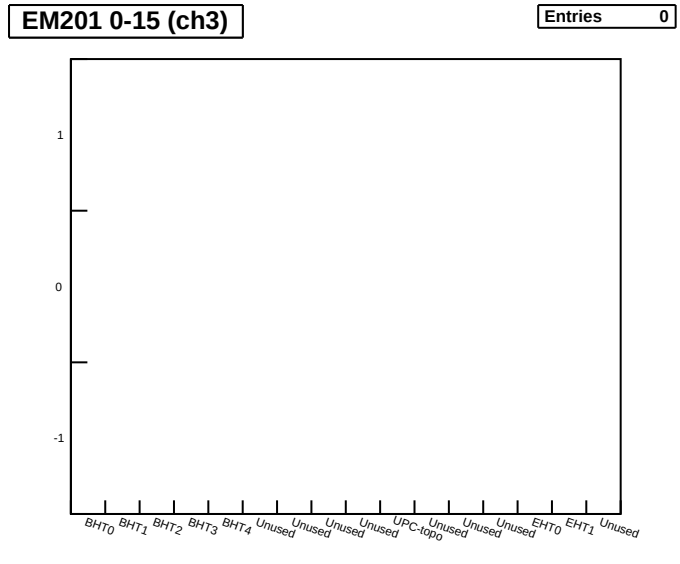

TF201 0-15 (ch0)
Entries 7350592
1
0
459412
454539
407914
394557
306593
380421
380785
377616
459412
459412
459412
459412
459412
459412
4873
51498
64855
152819
459412
78991
78627
81796
459412
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7350592
1
0
119231
285764
392724
338603
454534
453097
504
7080
7599
162
416968
448715
197998
235911
356484
340181
173648
66688
120809
4878
6315
459308
452332
451813
459250
459412
42444
10697
261414
223501
102928
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 7350592
1
0
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
459412
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