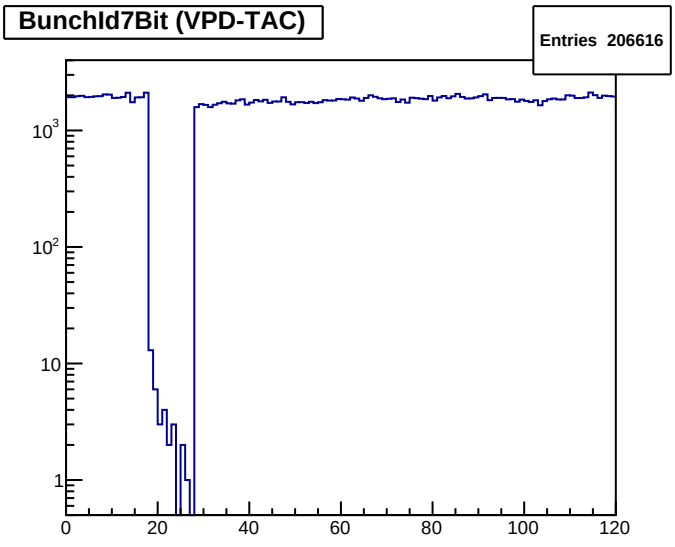
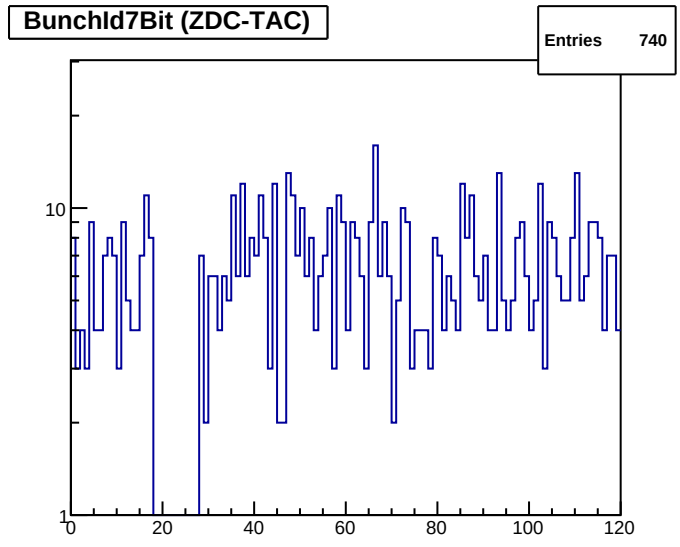
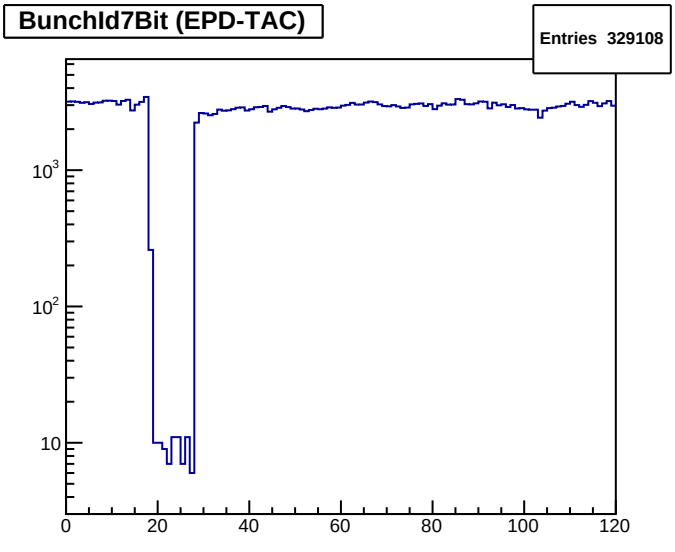
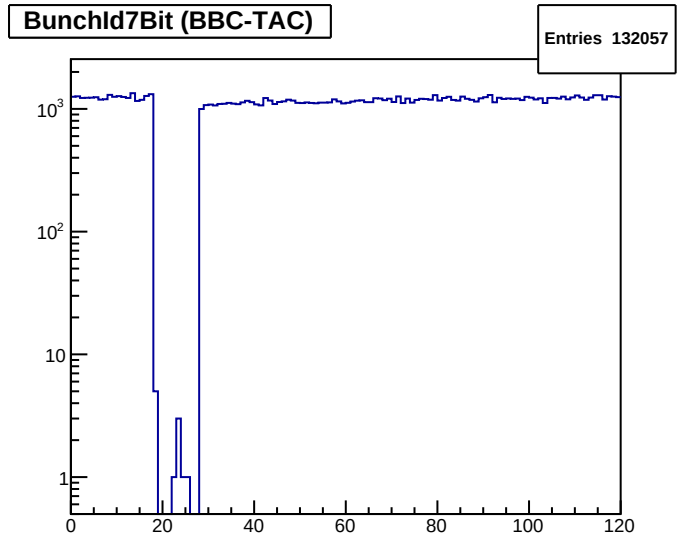
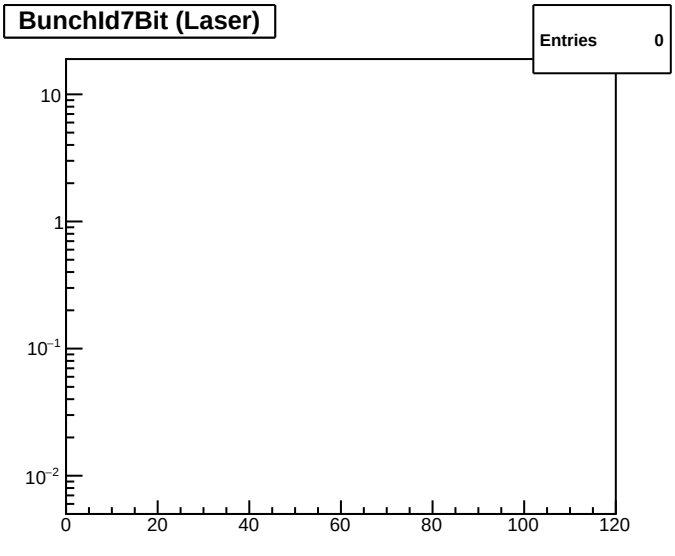
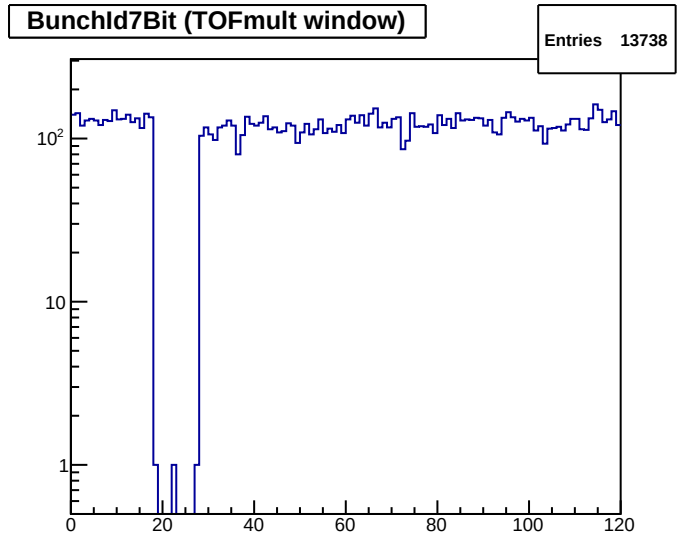

BunchId7Bit (VPD-TAC)
Entries 206616

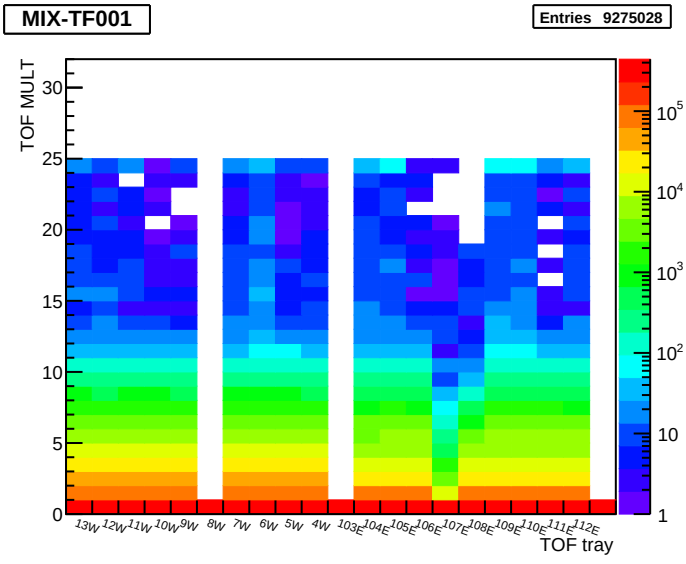

BunchId7Bit (ZDC-TAC)
Entries 740

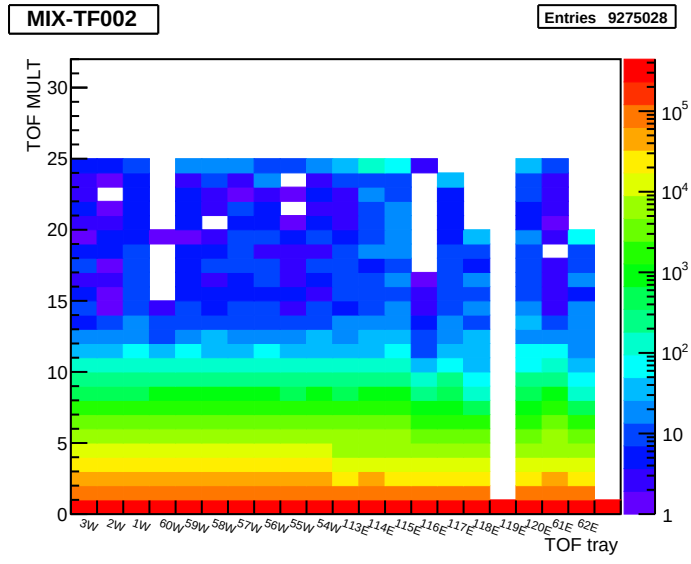

BunchId7Bit (EPD-TAC)
Entries 329108

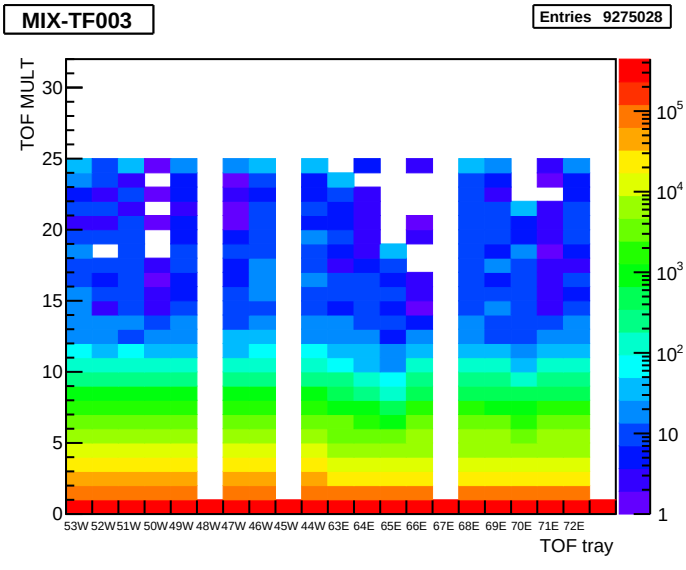

BunchId7Bit (BBC-TAC)
Entries 132057

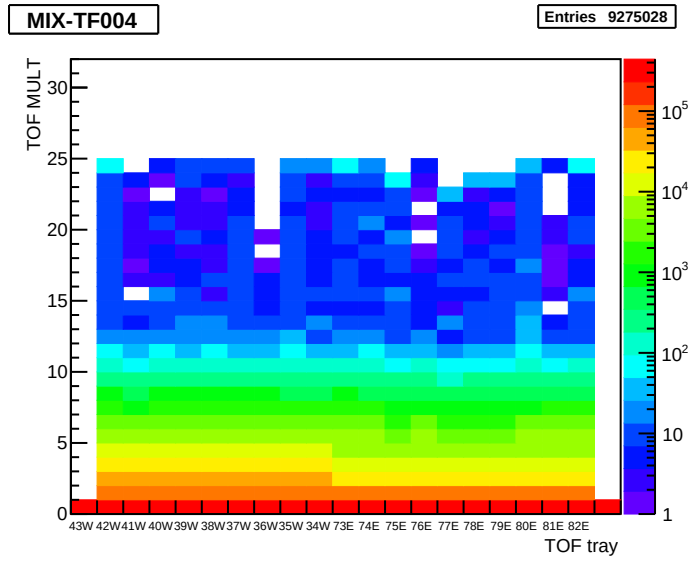

BunchId7Bit (Laser)
Entries 0

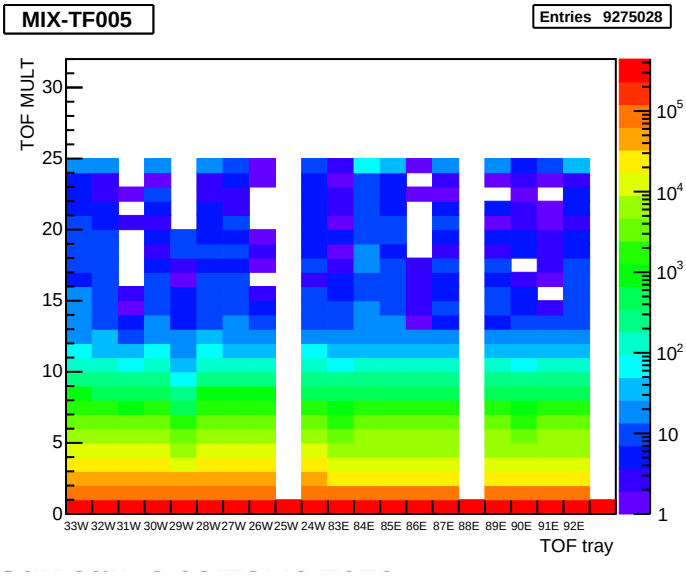

BunchId7Bit (TOFmult window)
Entries 13738

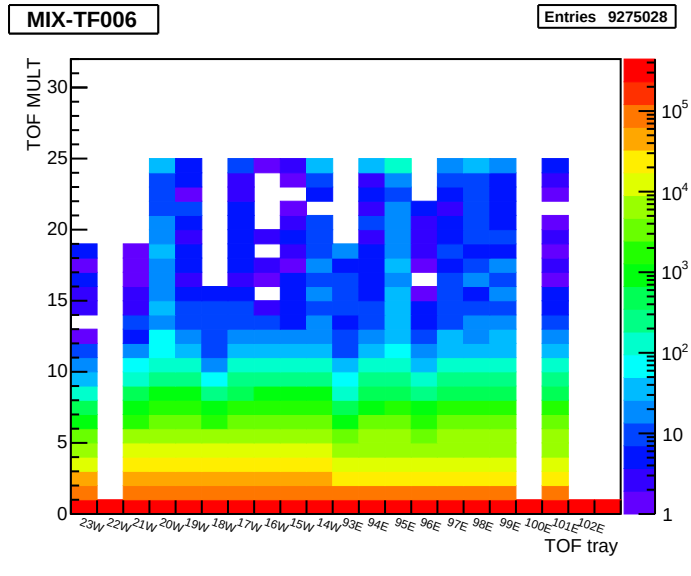

MIX-TF001
Entries 9275028
TOF MULT
TOF tray

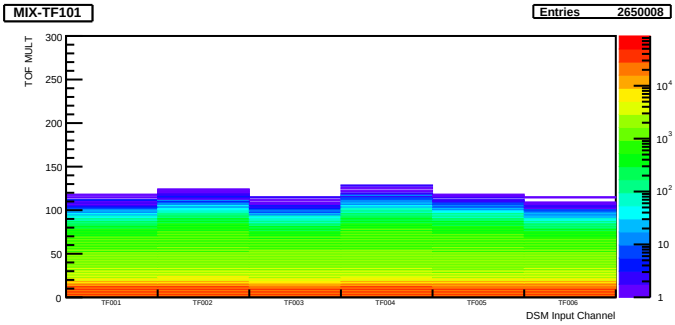

MIX-TF002
Entries 9275028
TOF MULT
TOF tray

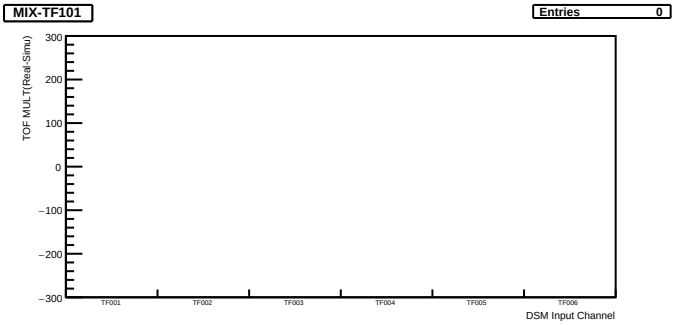

MIX-TF003
Entries 9275028
TOF MULT
TOF tray

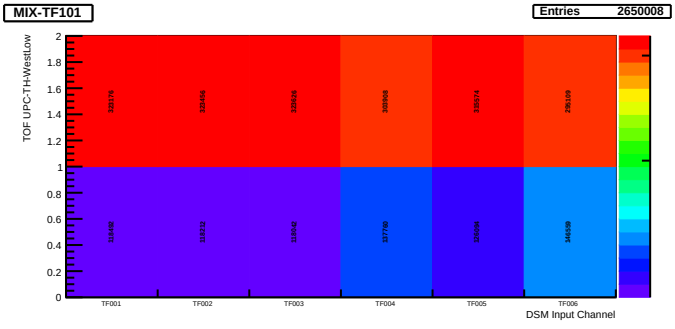

MIX-TF004
Entries 9275028
TOF MULT
TOF tray

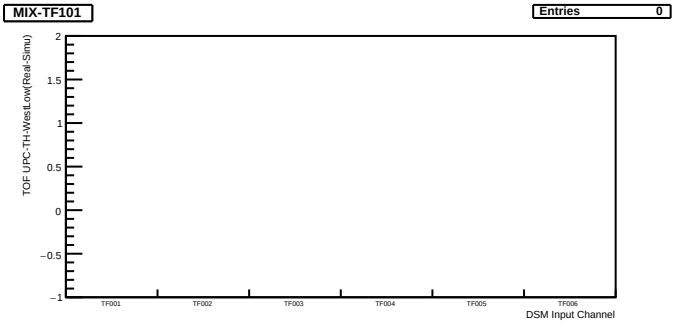

MIX-TF005
Entries 9275028
TOF MULT
TOF tray

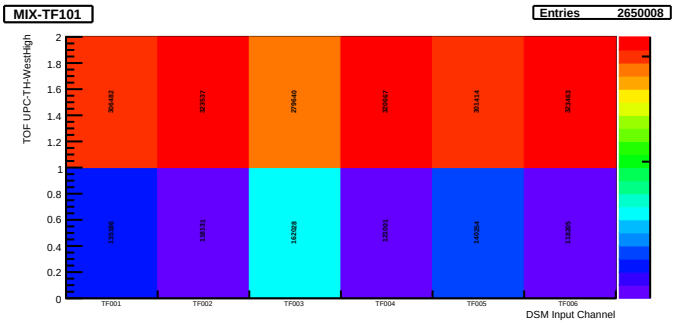

MIX-TF006
Entries 9275028
TOF MULT
TOF tray

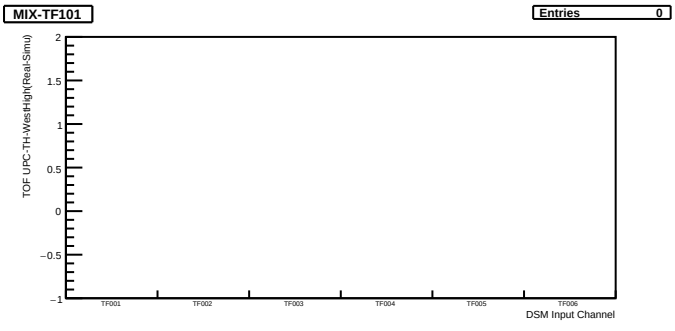

MIX-TF101
Entries 2650008
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

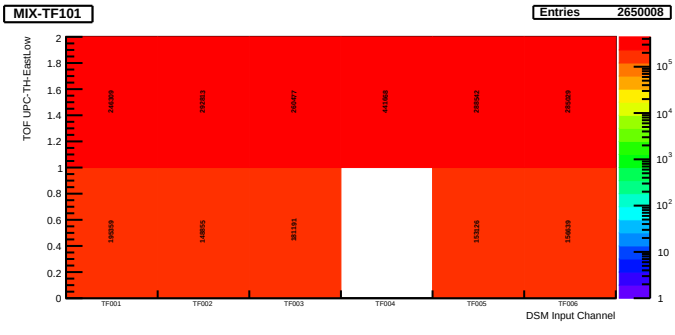

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

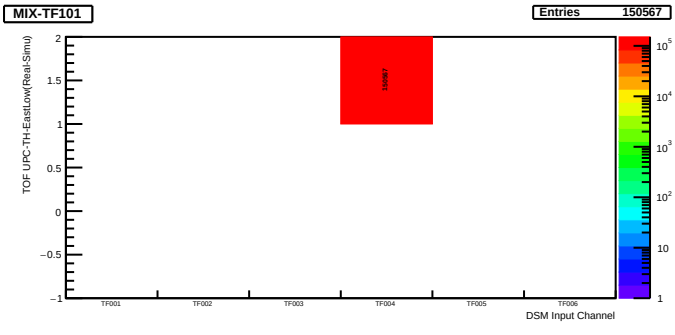

MIX-TF101
Entries 2650008
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

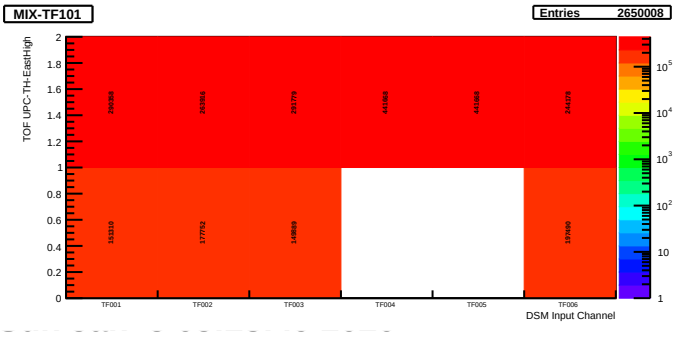

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

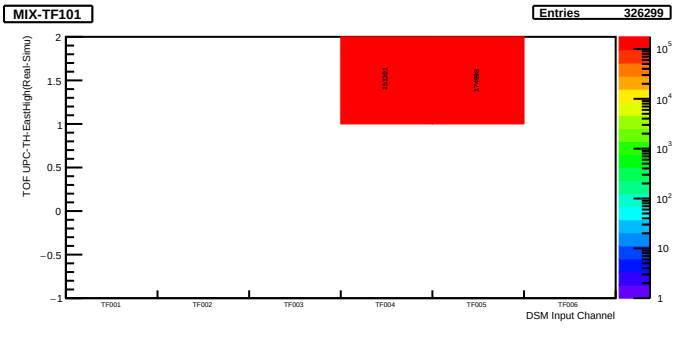

MIX-TF101
Entries 2650008
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

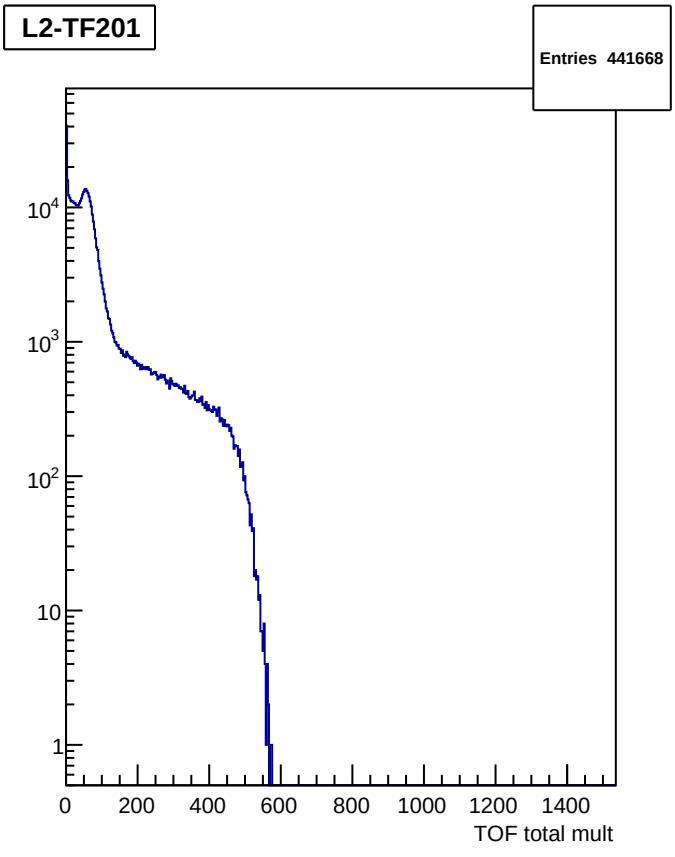

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

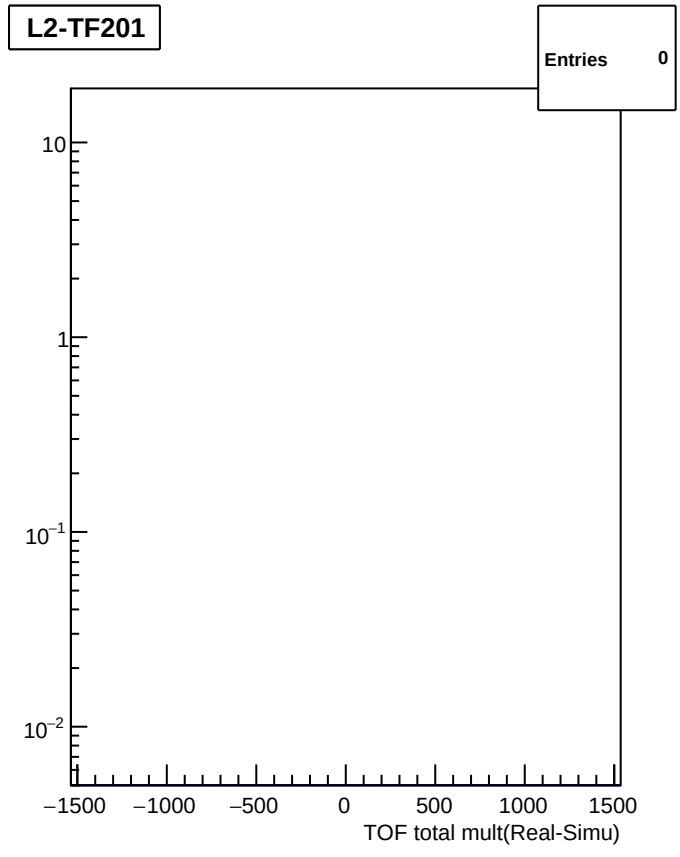

MIX-TF101
Entries 2650008
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

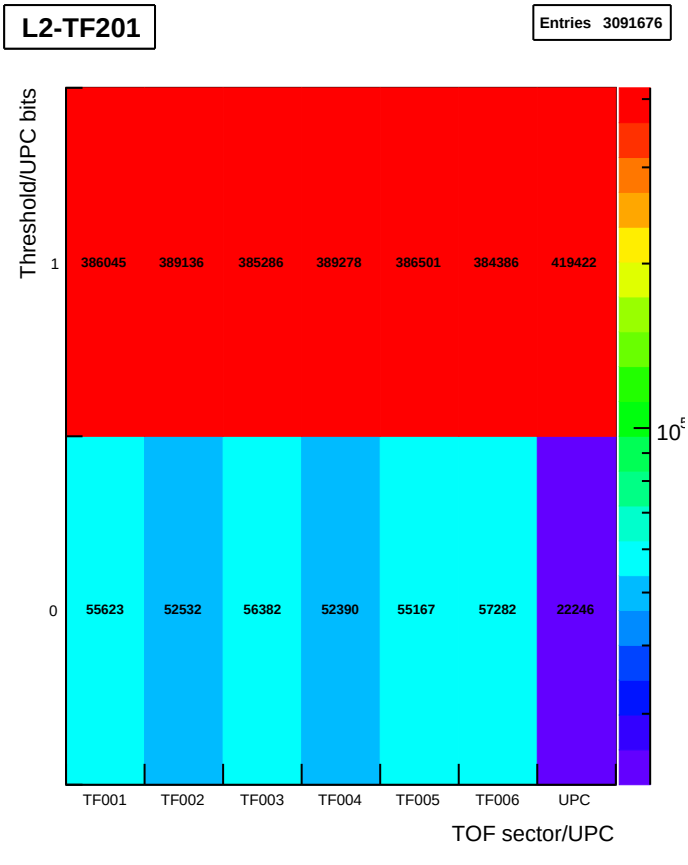

MIX-TF101
Entries 150567
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

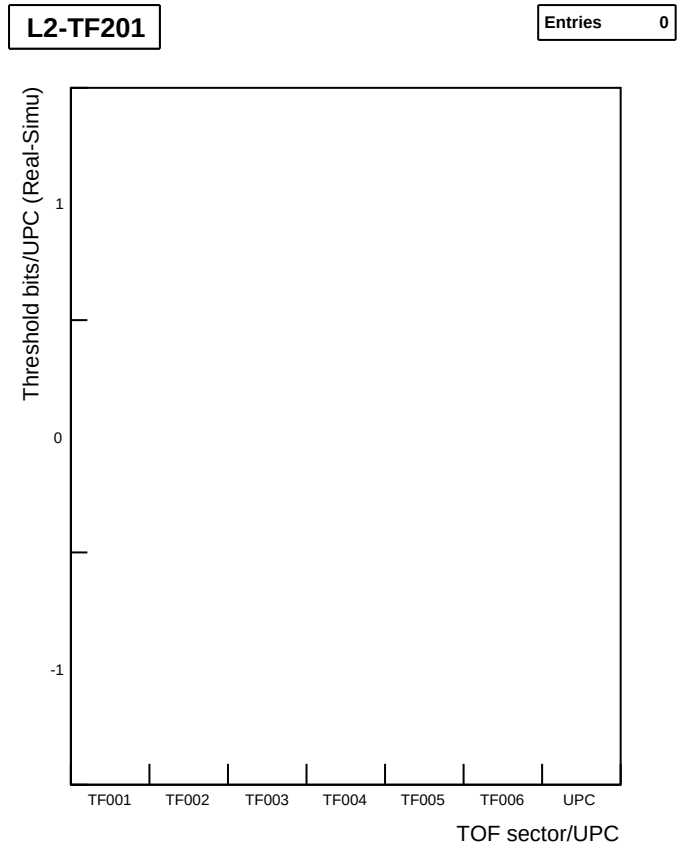

MIX-TF101
Entries 2650008
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

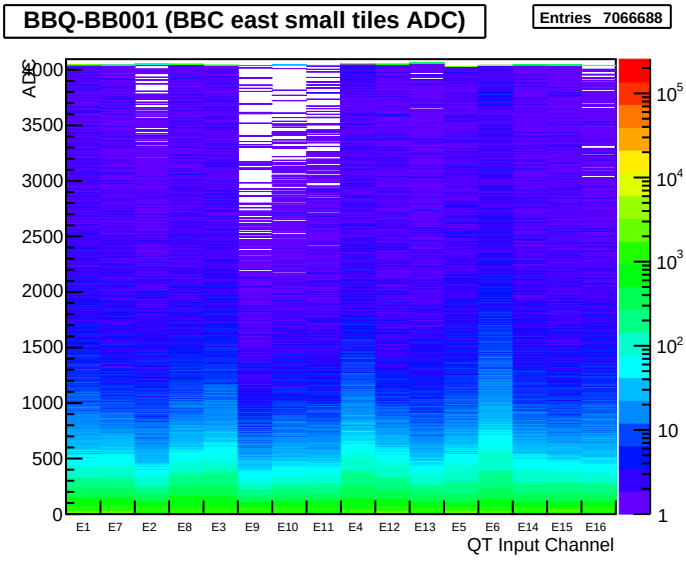

MIX-TF101
Entries 326299
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

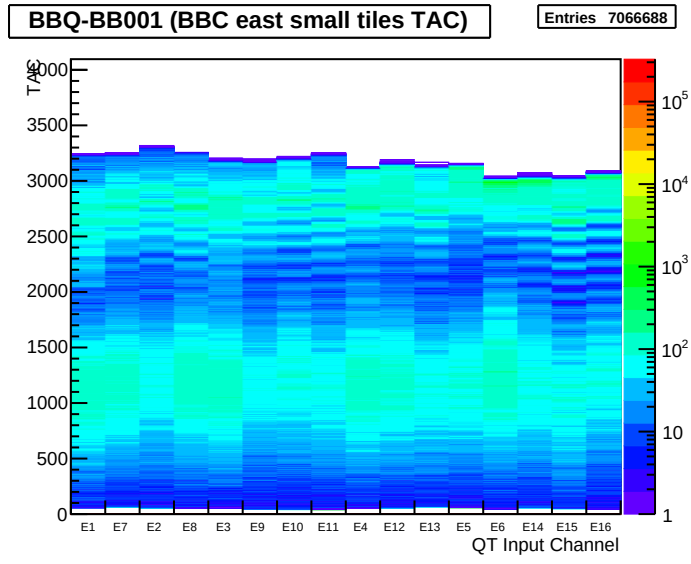

L2-TF201
Entries 441668
TOF total mult

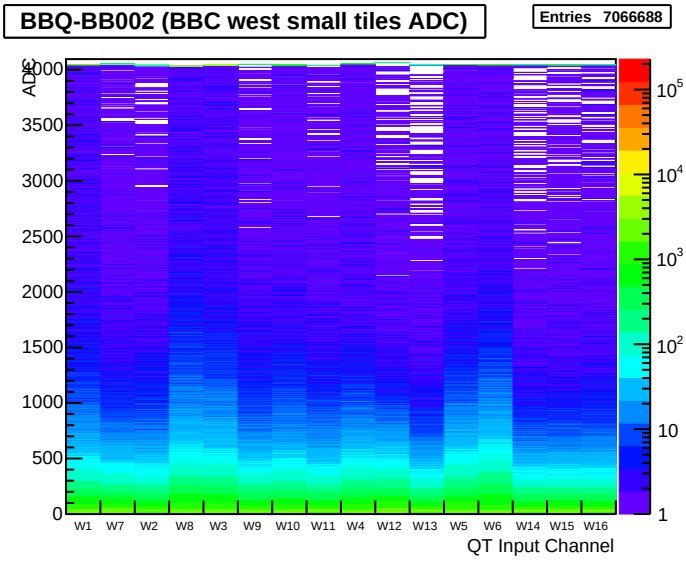

L2-TF201
Entries 0
TOF total mult(Real-Simu)

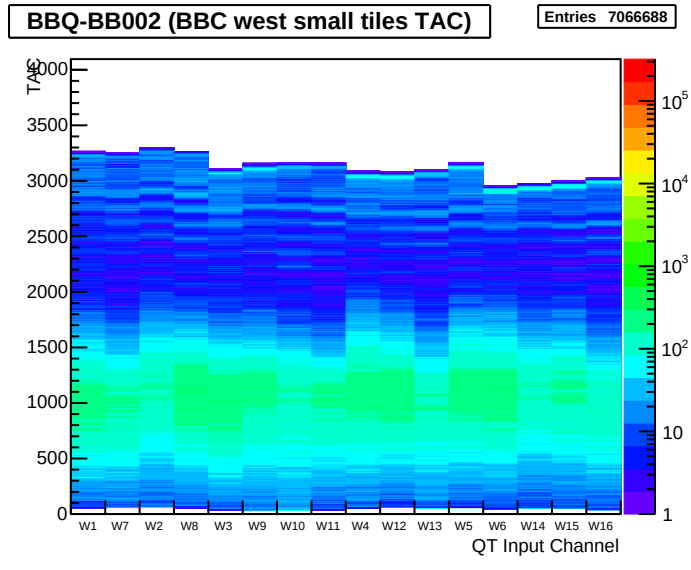

L2-TF201
Entries 3091676
Threshold/UPC bits
386045
389136
385286
389278
386501
384386
419422
55623
52532
56382
52390
55167
57282
22246
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

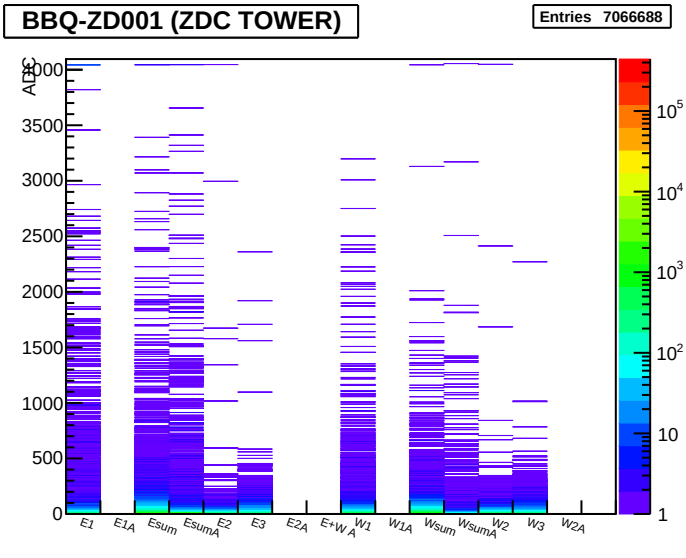

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

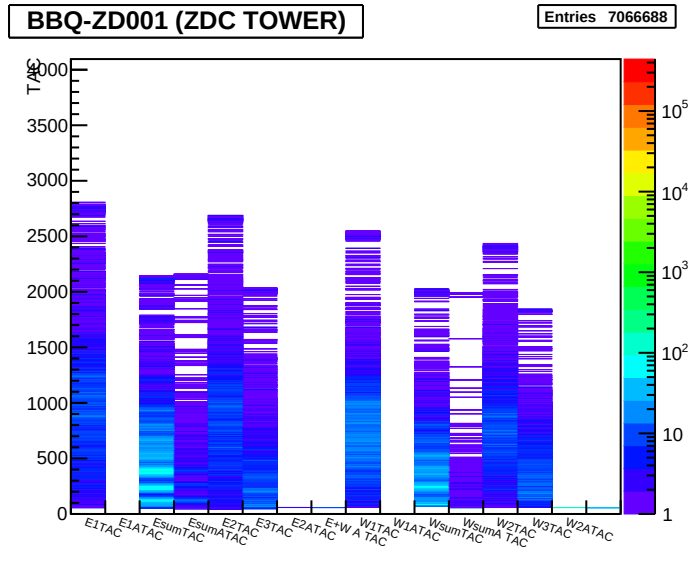

BBQ-BB001 (BBC east small tiles ADC)
Entries 7066688
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

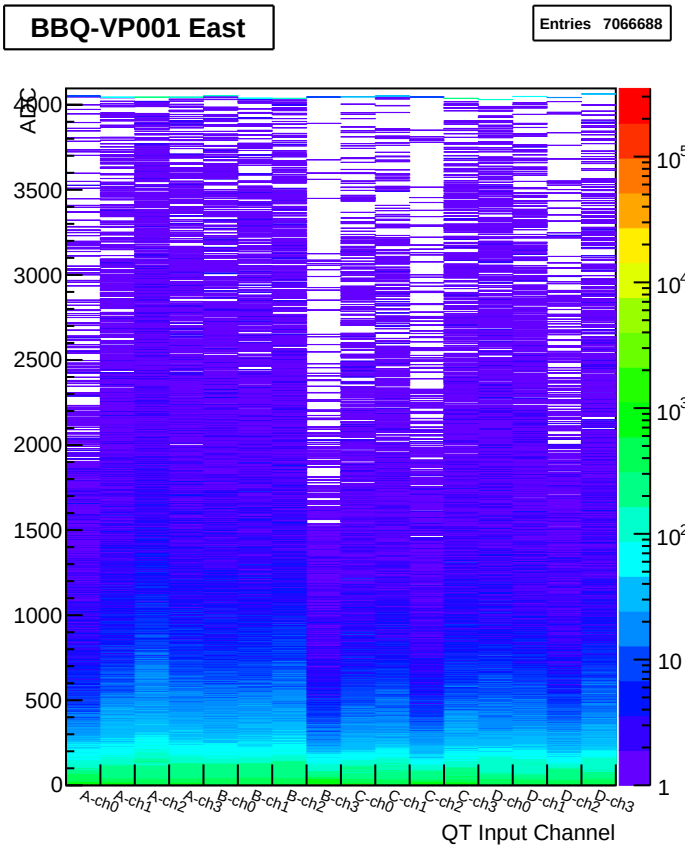

BBQ-BB001 (BBC east small tiles TAC)
Entries 7066688
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

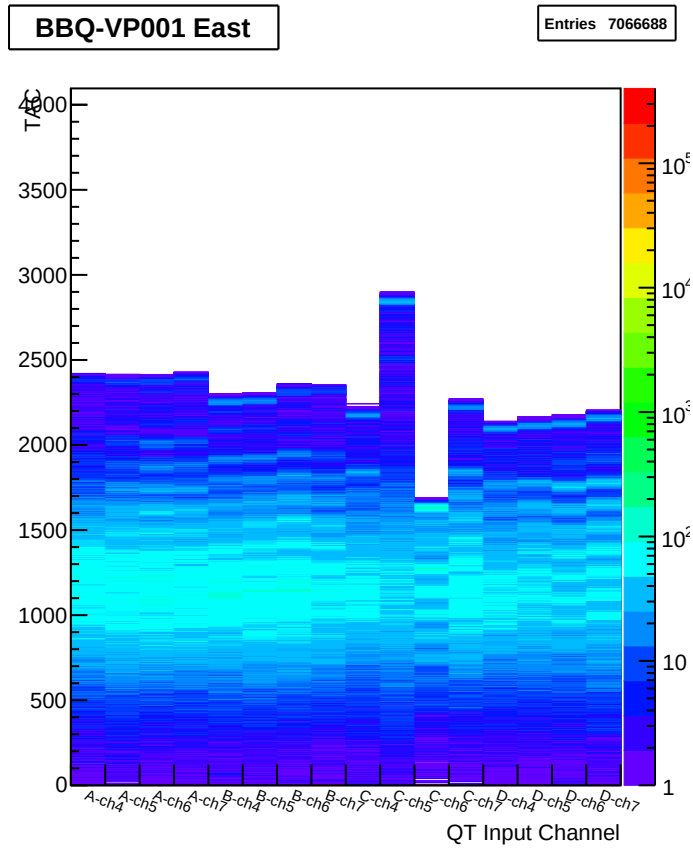

BBQ-BB002 (BBC west small tiles ADC)
Entries 7066688
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

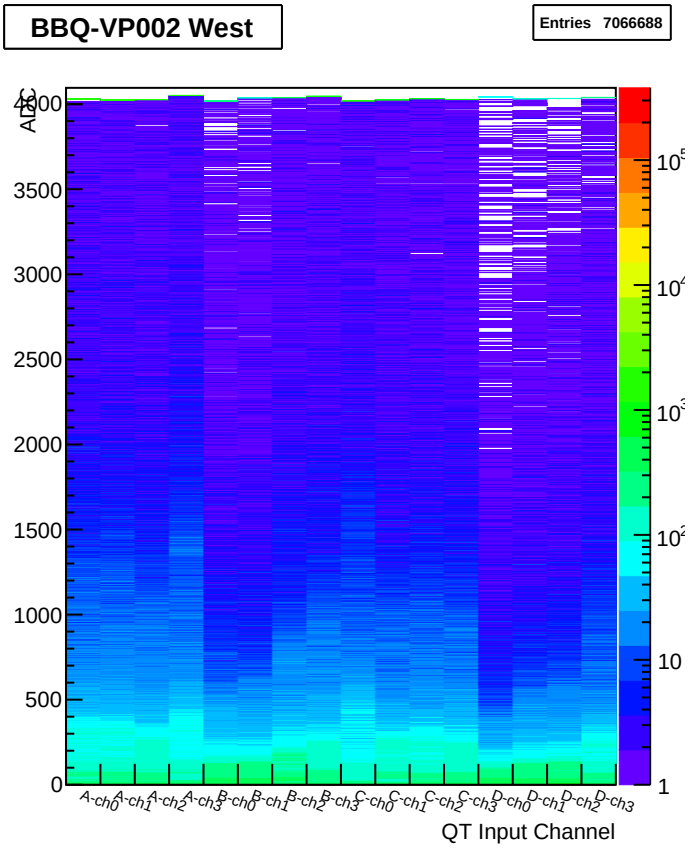

BBQ-BB002 (BBC west small tiles TAC)
Entries 7066688
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

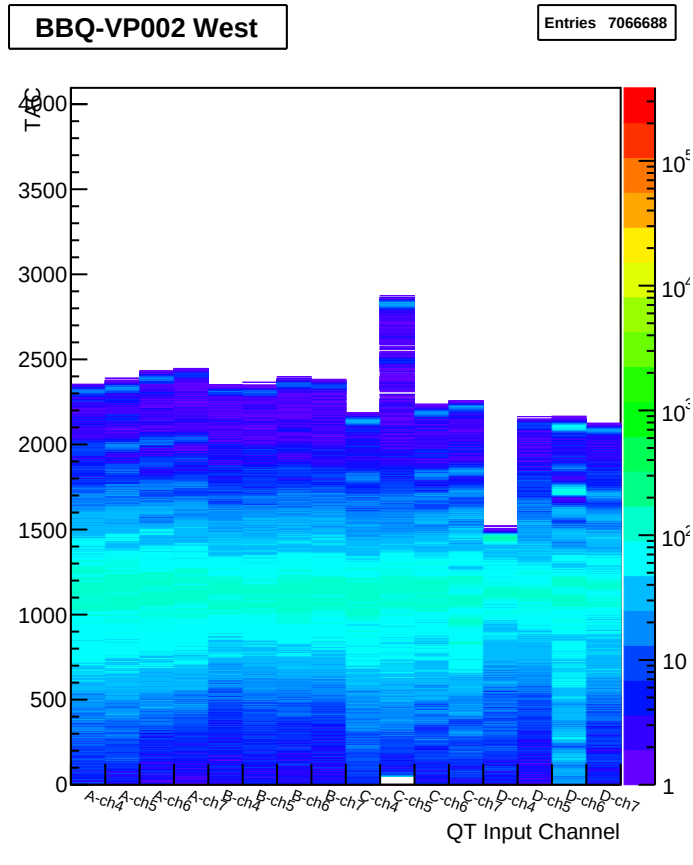

BBQ-ZD001 (ZDC TOWER)
Entries 7066688
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

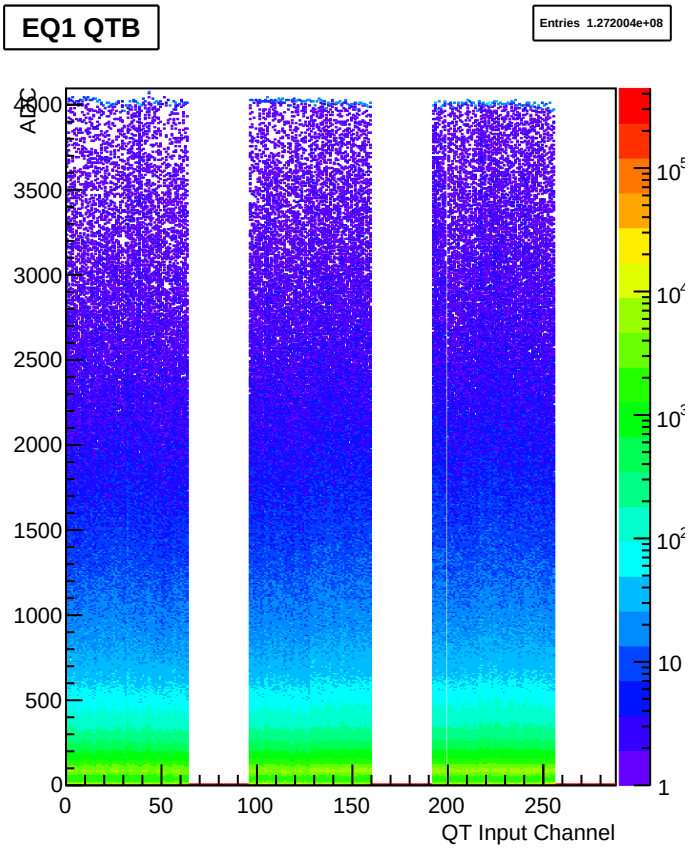

BBQ-ZD001 (ZDC TOWER)
Entries 7066688
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

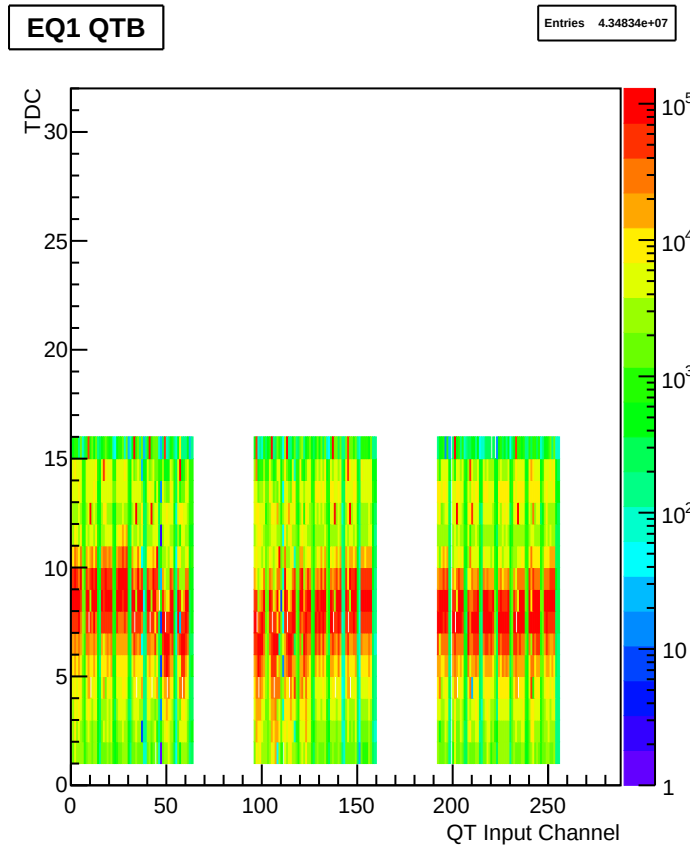

BBQ-VP001 East
Entries 7066688
ADC
QT Input Channel

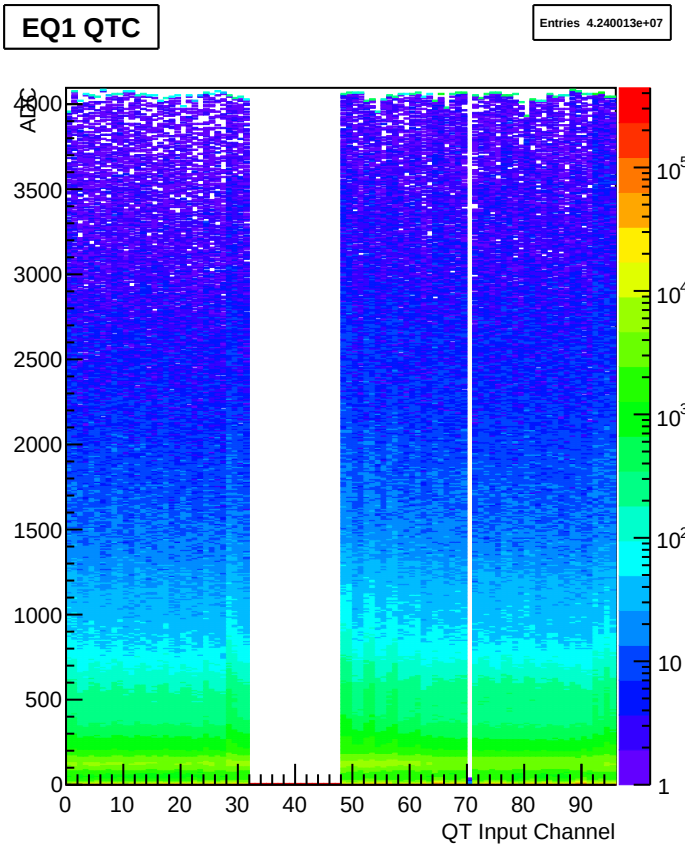

BBQ-VP001 East
Entries 7066688
ADC
QT Input Channel

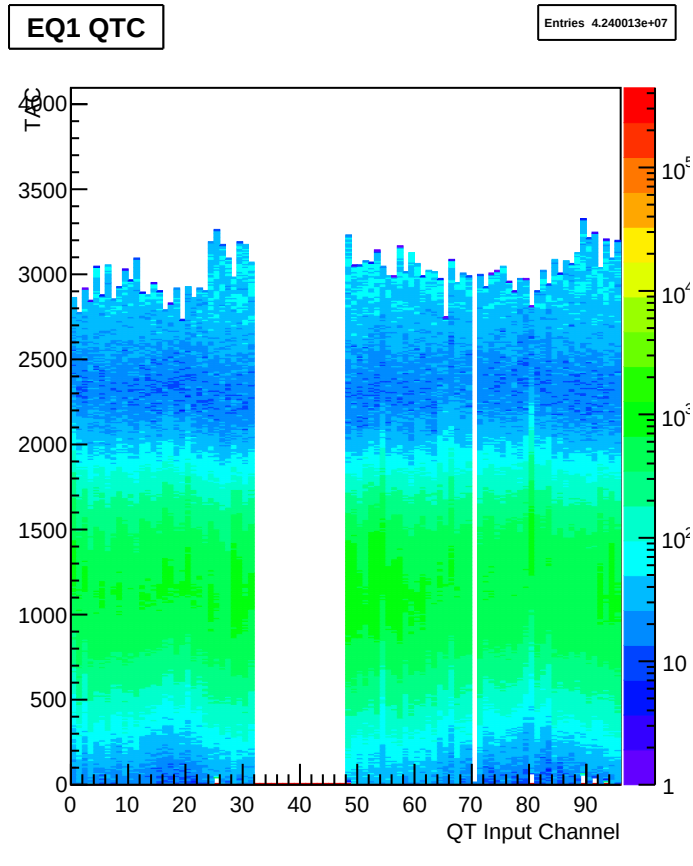

BBQ-VP002 West
Entries 7066688
ADC
QT Input Channel

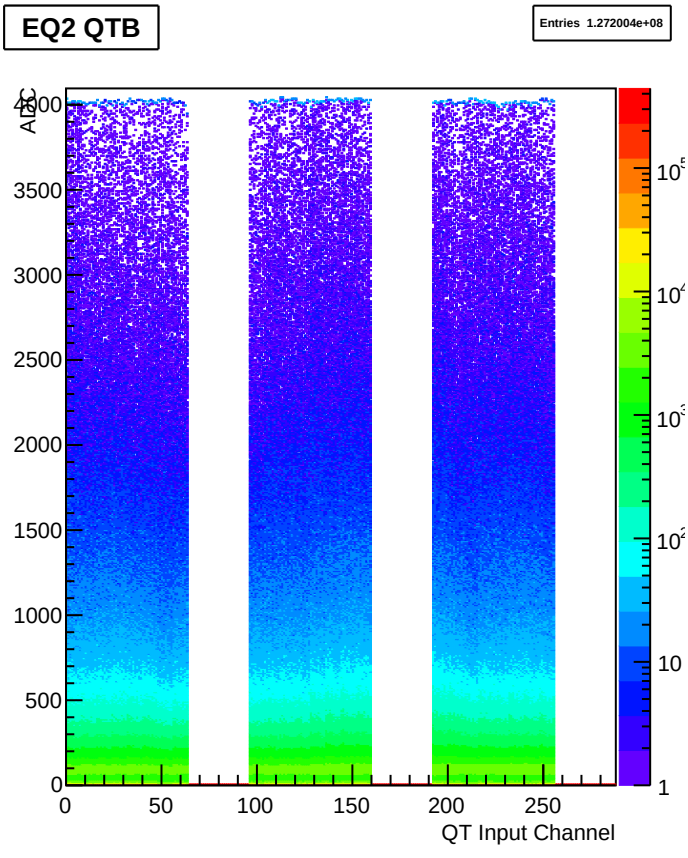

BBQ-VP002 West
Entries 7066688
ADC
QT Input Channel

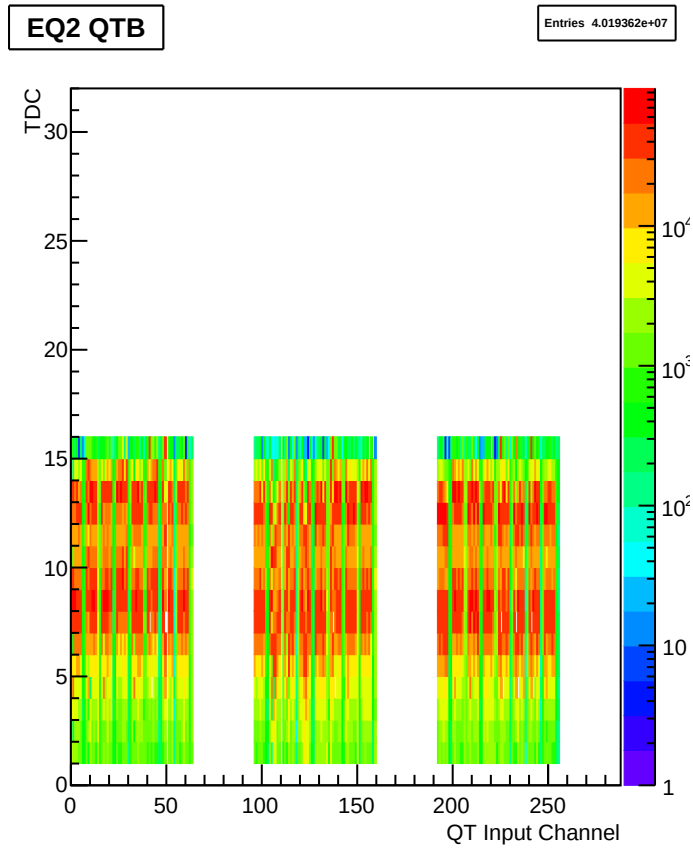

EQ1 QTB
Entries 1.272004e+08
ADC
QT Input Channel

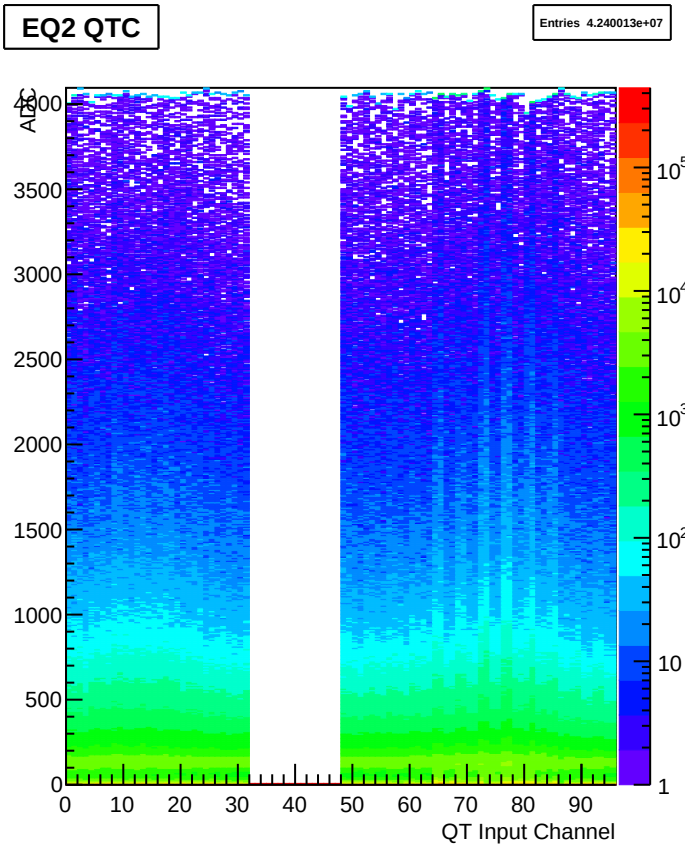

EQ1 QTB
Entries 4.34834e+07
TDC
QT Input Channel

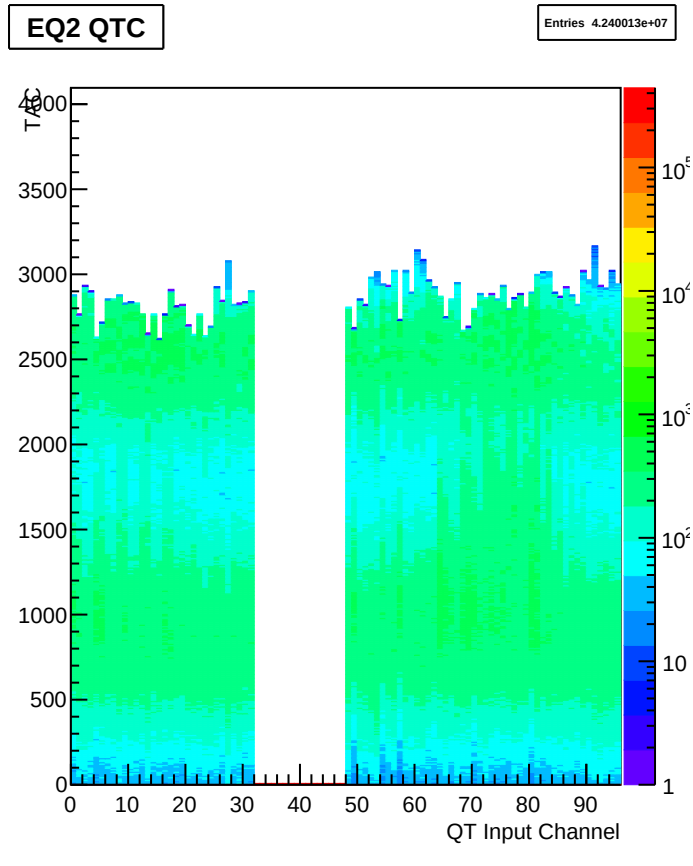

EQ1 QTC
Entries 4.240013e+07
ADC
QT Input Channel

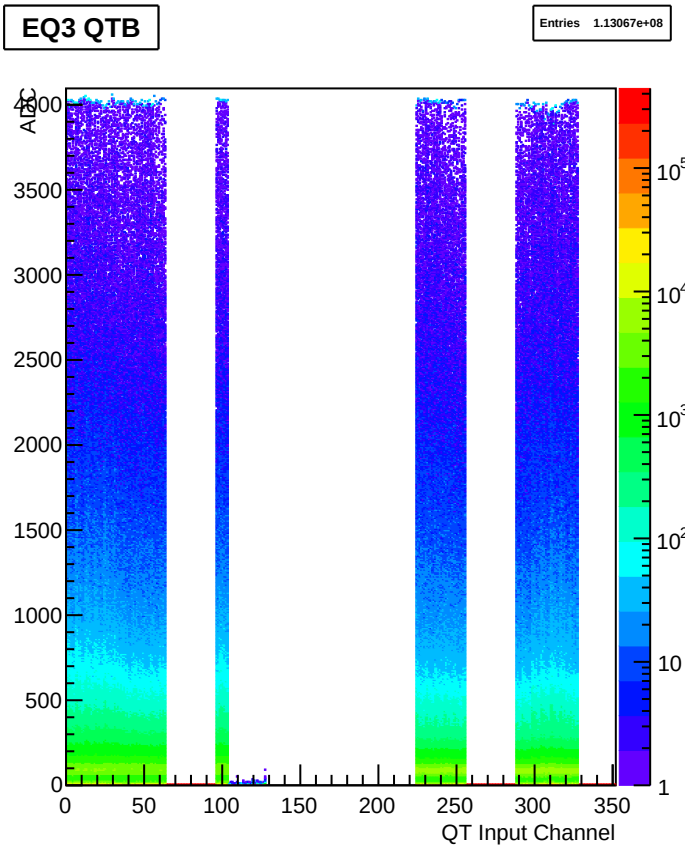

EQ1 QTC
Entries 4.240013e+07
TADC
QT Input Channel

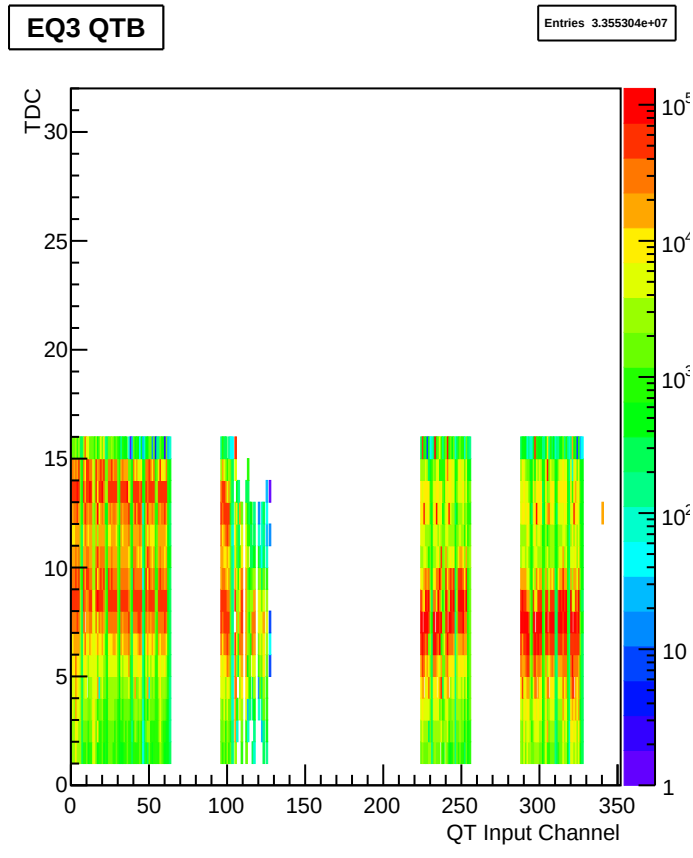

EQ2 QTB
Entries 1.272004e+08
ADC
QT Input Channel

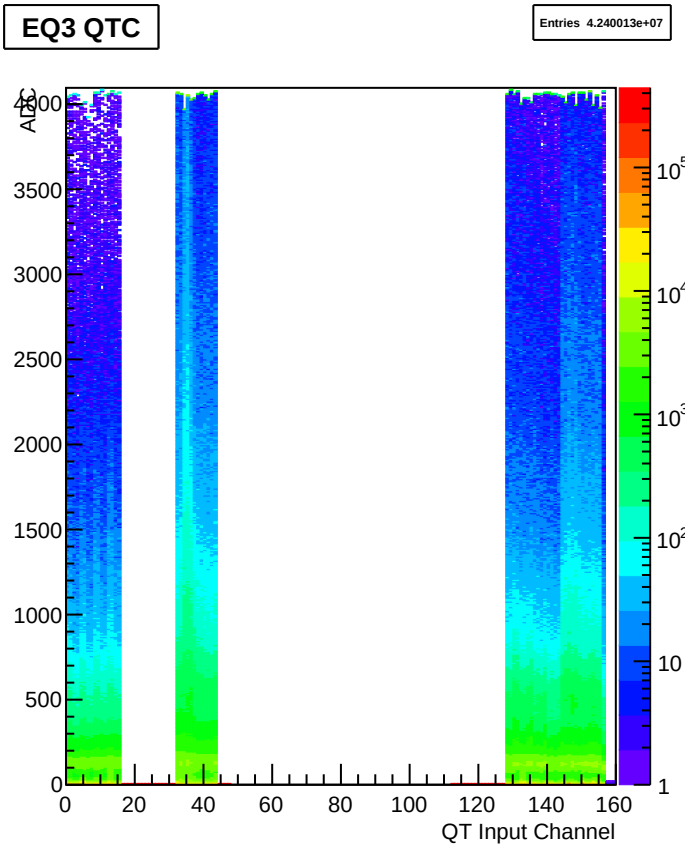

EQ2 QTB
Entries 4.019362e+07
TDC
QT Input Channel

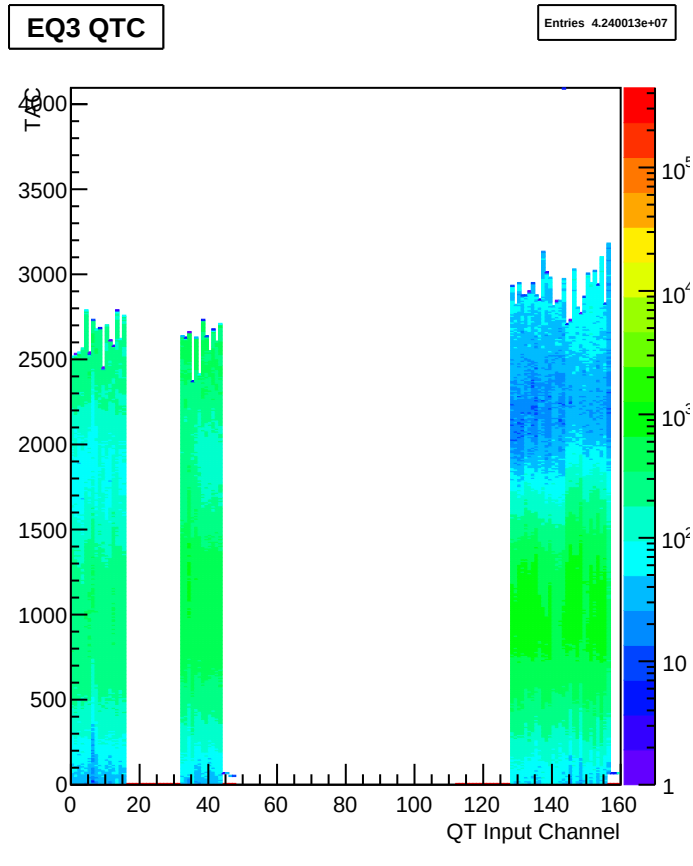

EQ2 QTC
Entries 4.240013e+07
ADC
QT Input Channel

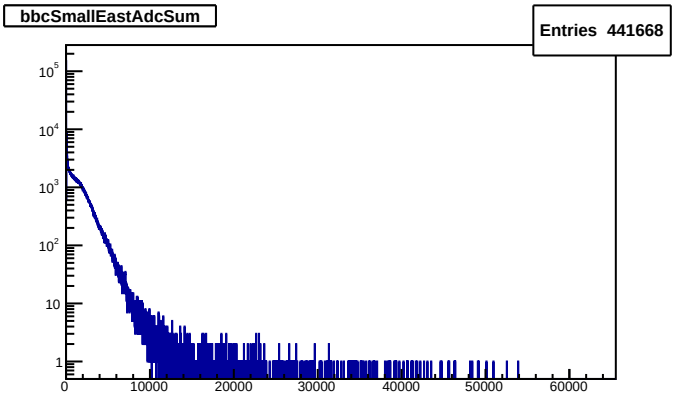

EQ2 QTC
Entries 4.240013e+07
TADC
QT Input Channel

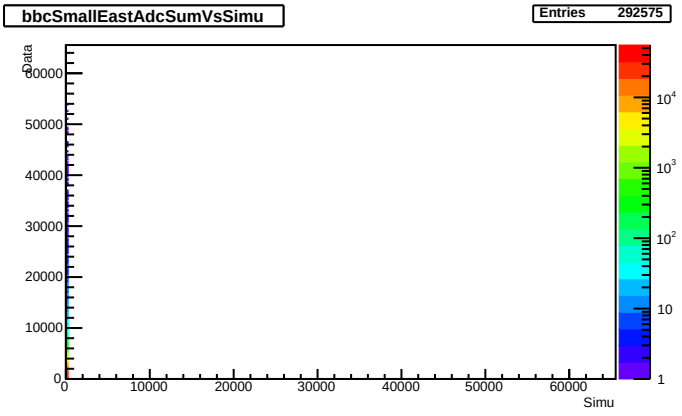

EQ3 QTB
Entries 1.13067e+08
ADC
QT Input Channel

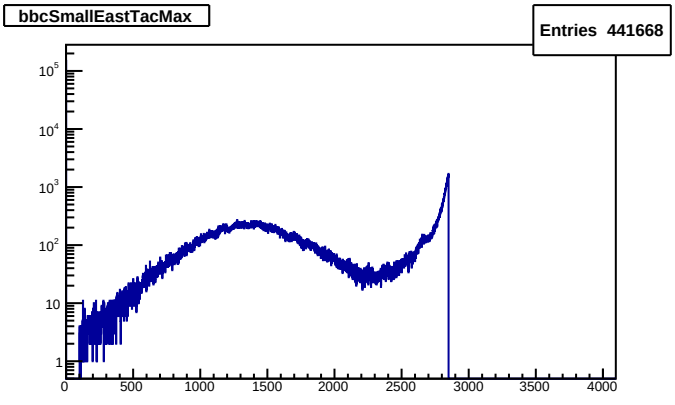

EQ3 QTB
Entries 3.355304e+07
TDC
QT Input Channel

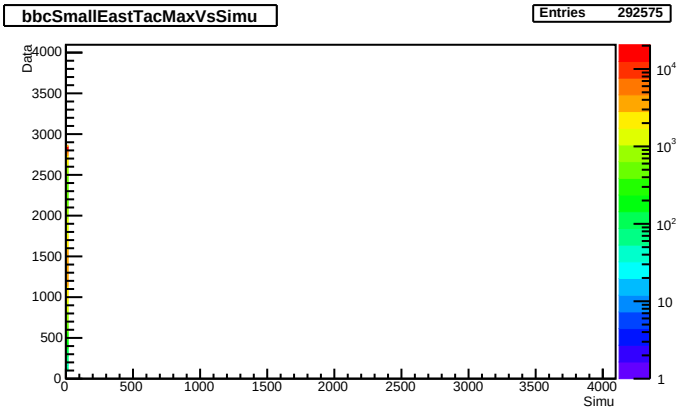

EQ3 QTC
Entries 4.240013e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.240013e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 441668


bbcSmallEastAdcSumVsSimu
Entries 292575
Data
Simu


bbcSmallEastTacMax
Entries 441668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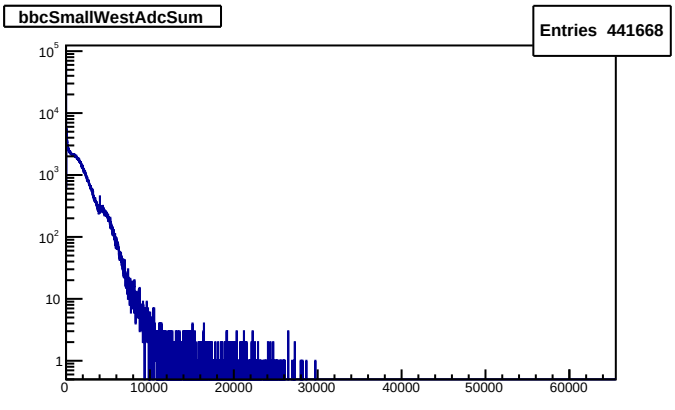
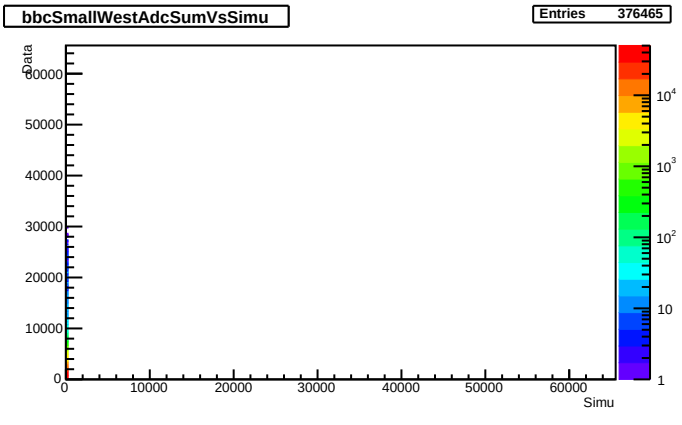
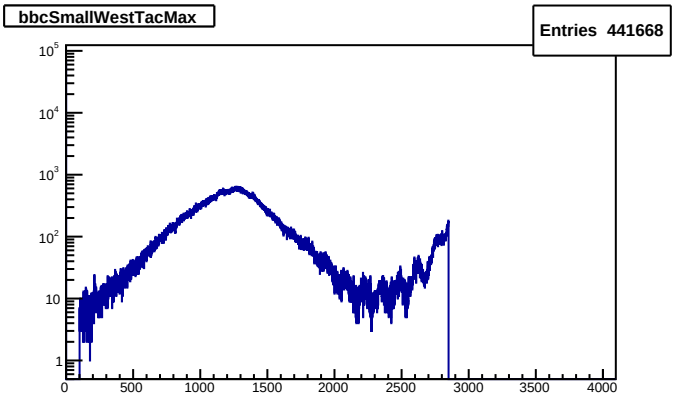
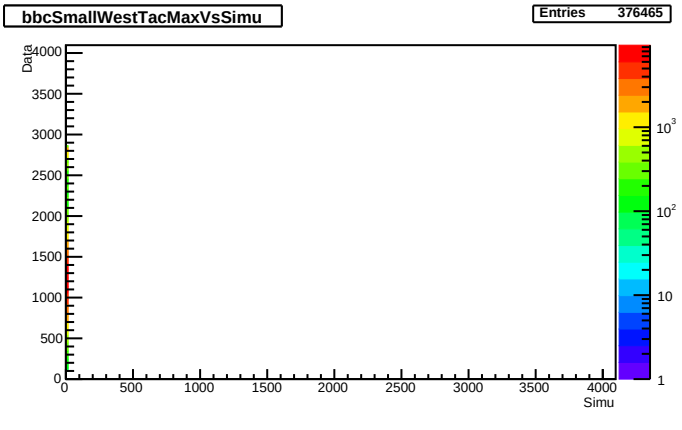
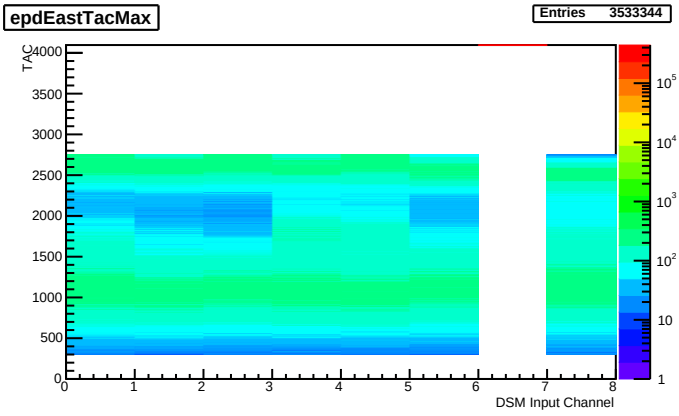
Entries 292575
Data
Simu

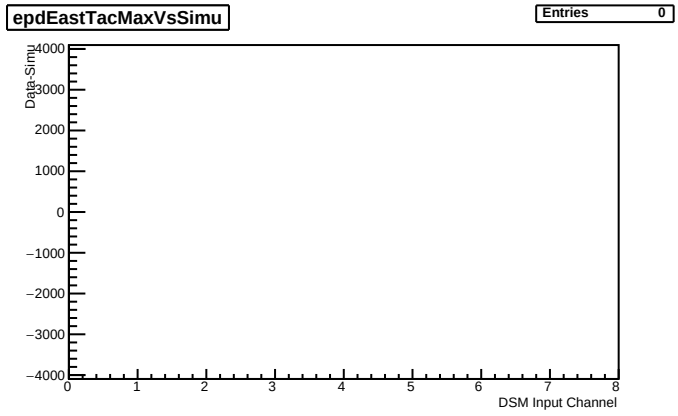

bbcSmallWestAdcSum
Entries 441668

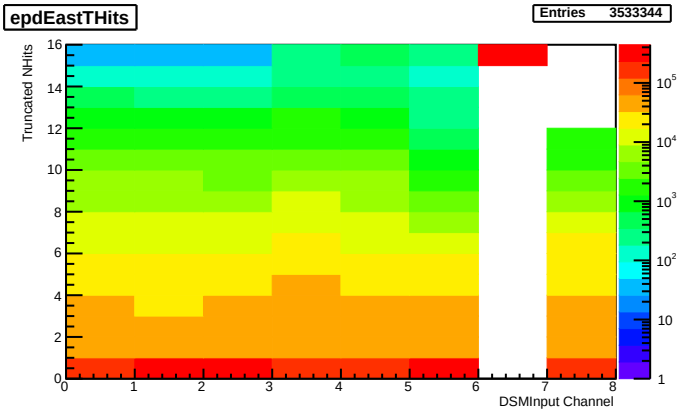

bbcSmallWestAdcSumVsSimu
Entries 376465
Data
Simu

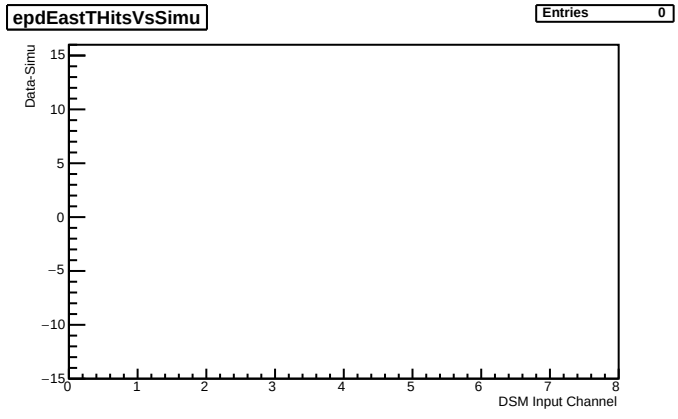

bbcSmallWestTacMax
Entries 441668

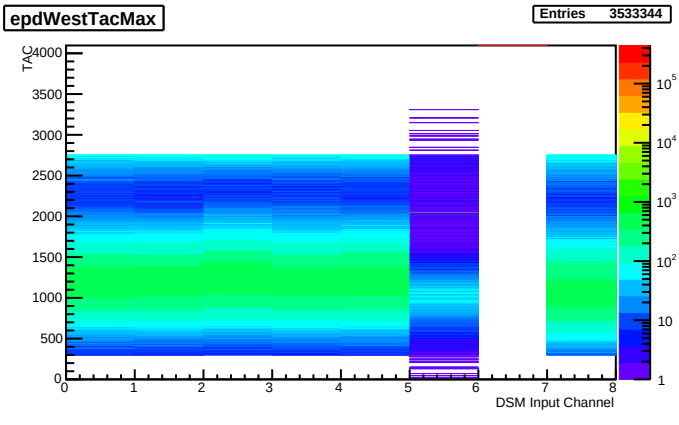

bbcSmallWestTacMaxVsSimu
Entries 376465
Data
Simu


epdEastTacMax
Entries 3533344
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3533344
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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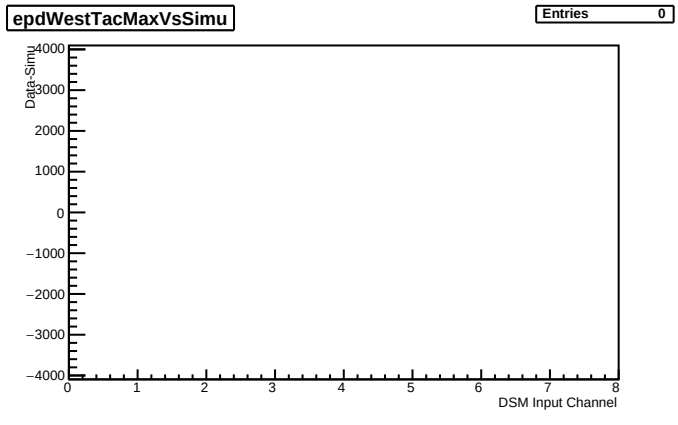
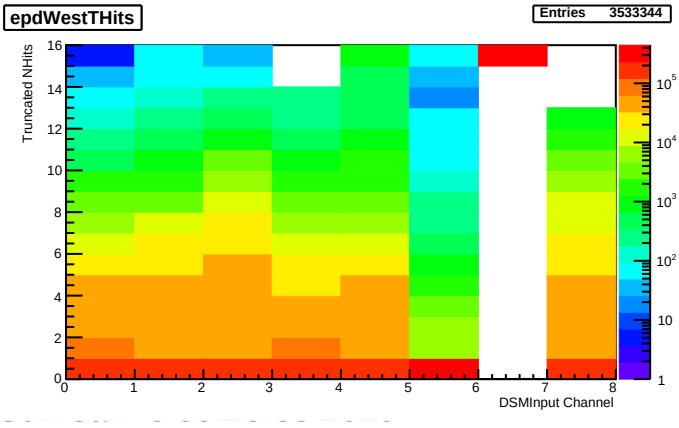
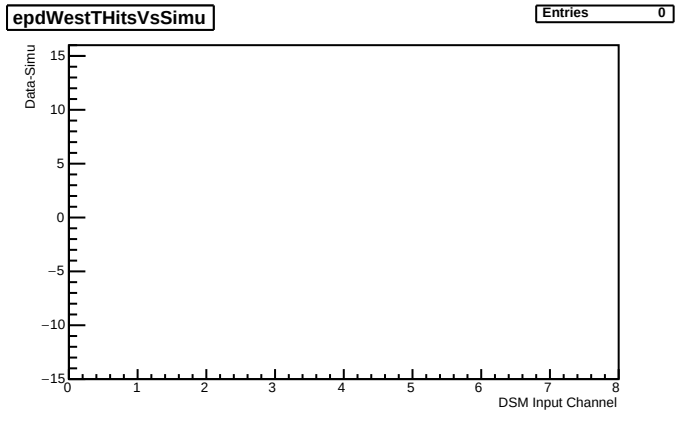
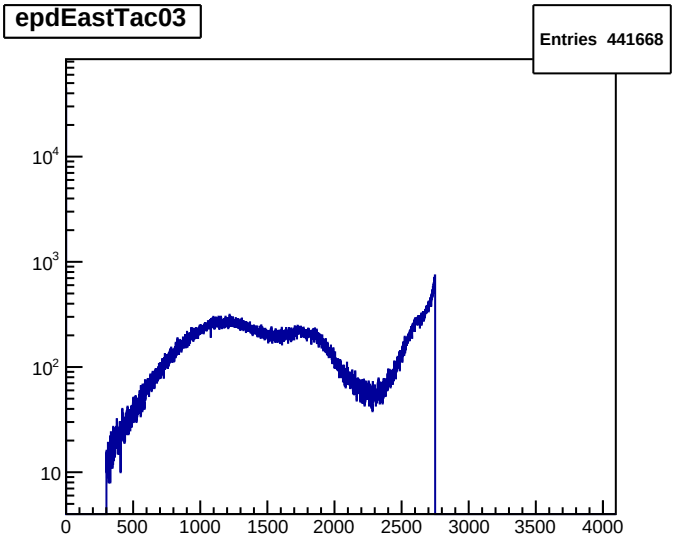
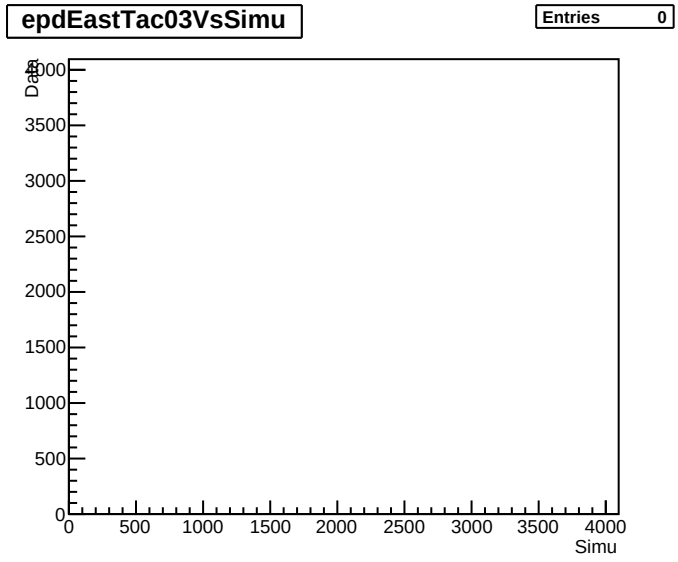
Entries 3533344
TAC
DSM Input Channel

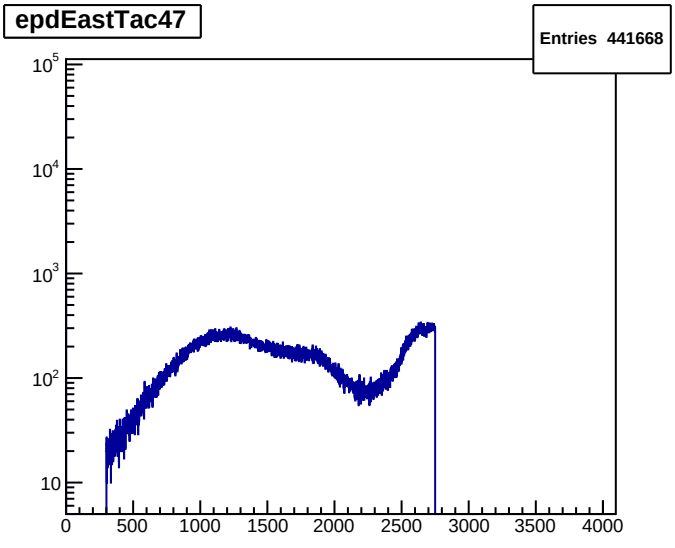

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

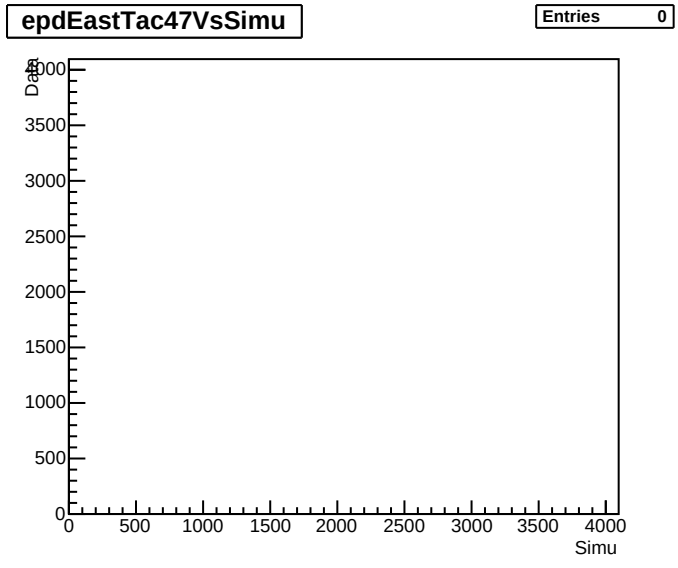

epdWestTHits
Entries 3533344
Truncated NHits
DSMInput Channel

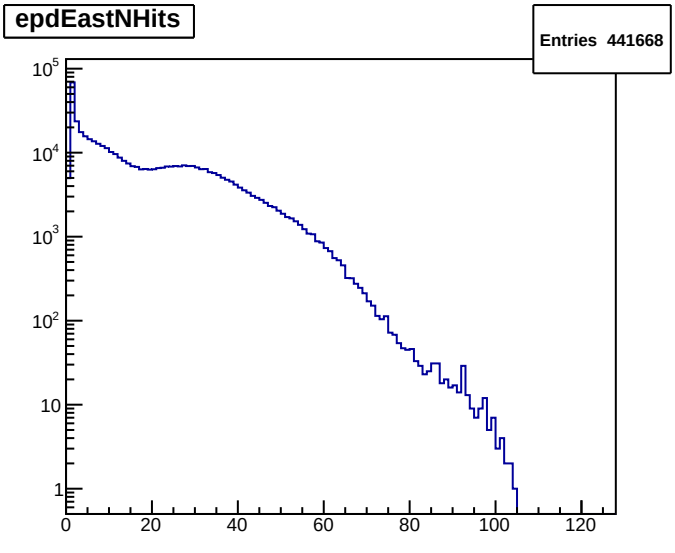

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

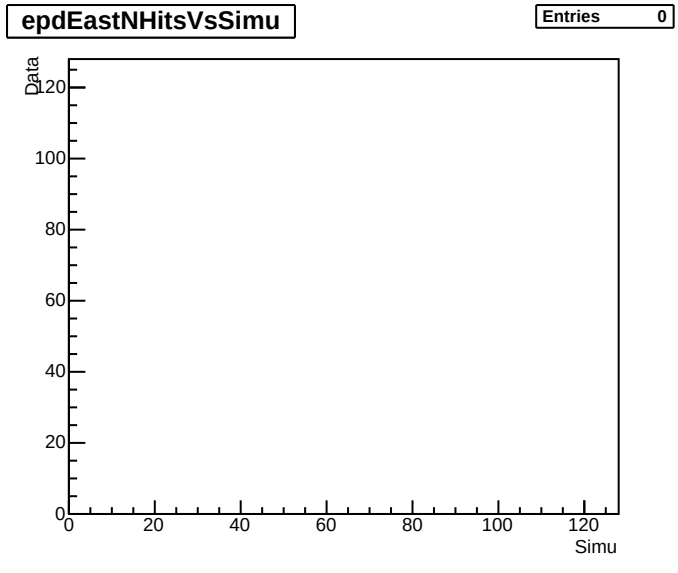

epdEastTac03
Entries 441668


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 441668


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 441668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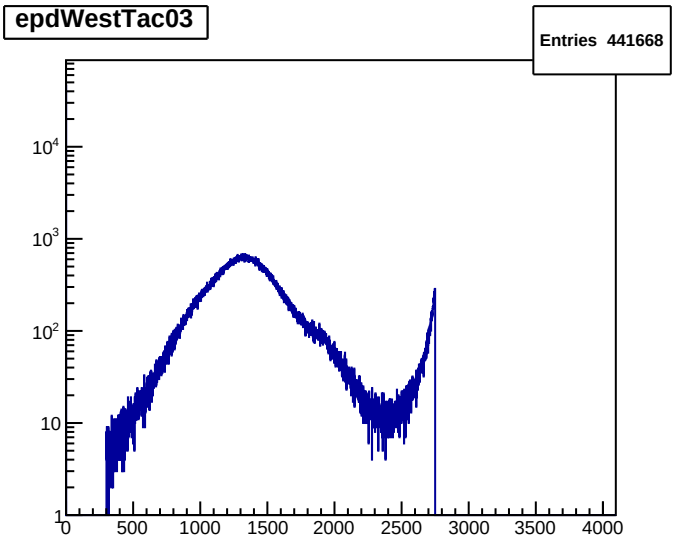
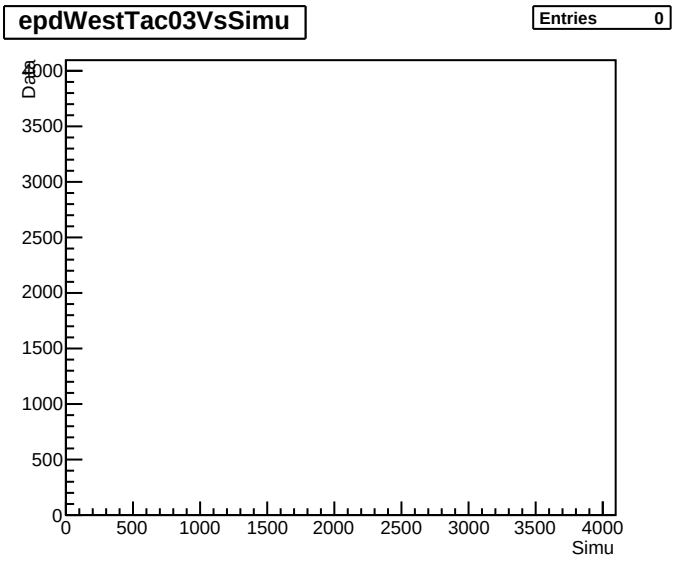
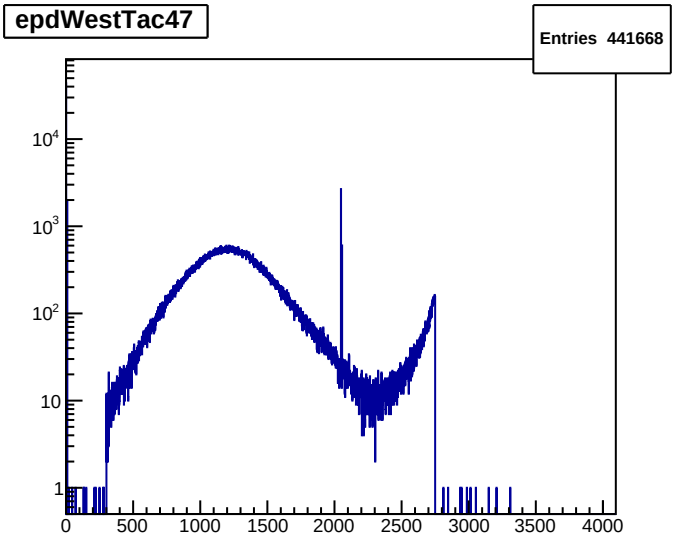
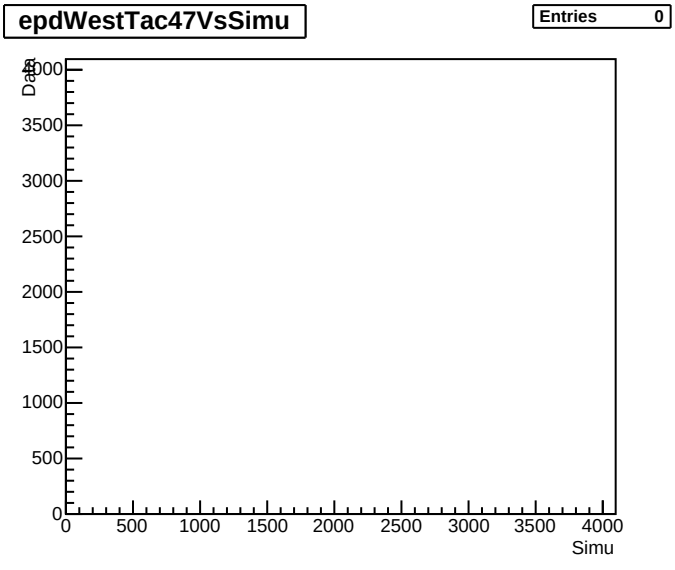
Entries 0
Data
Simu


epdWestTac03
Entries 441668


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 441668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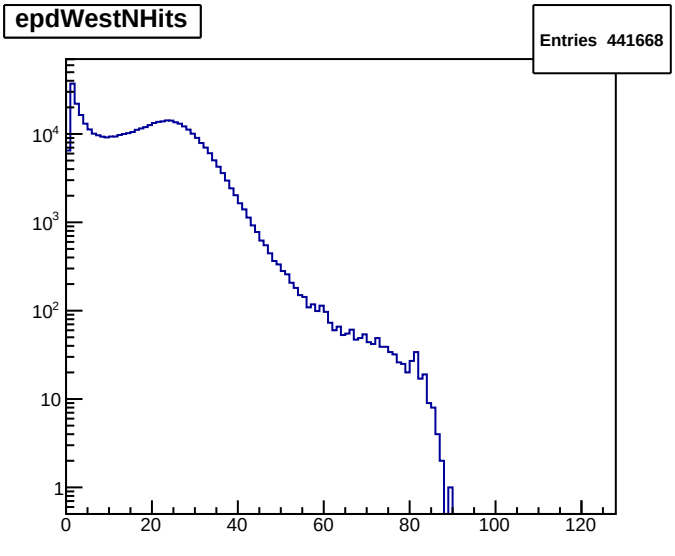
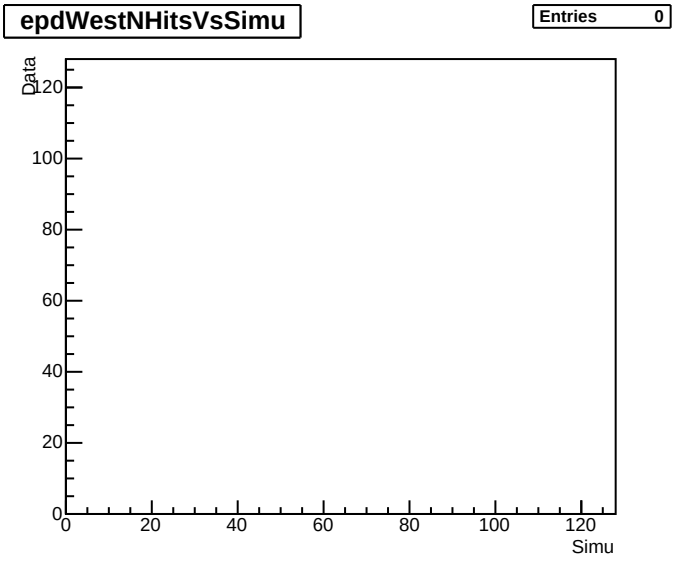
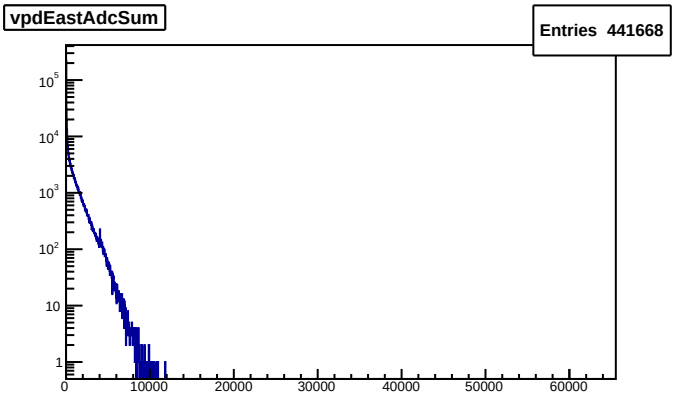
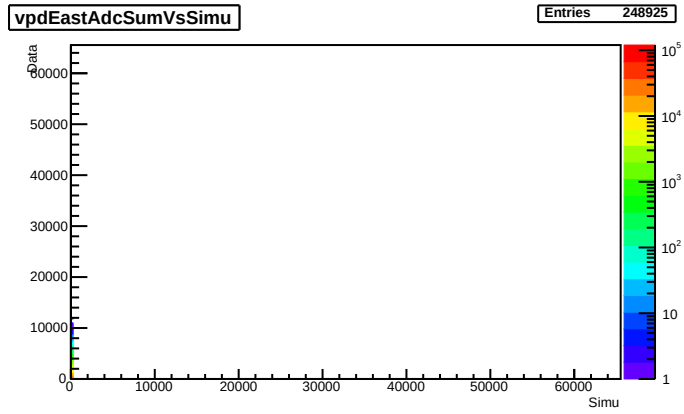
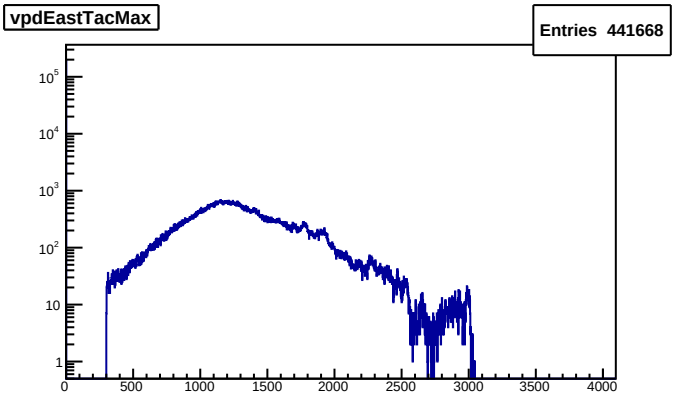
Entries 0
Data
Simu

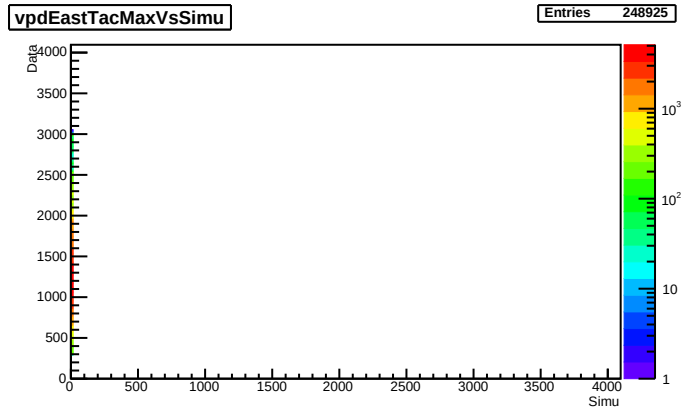

epdWestNHits
Entries 441668

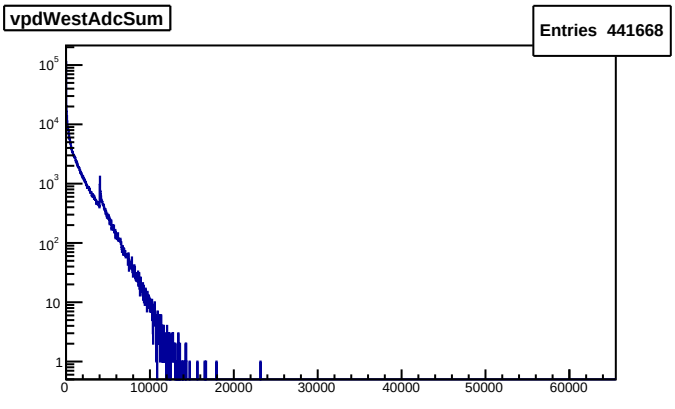

epdWestNHitsVsSimu
Entries 0
Data
Simu

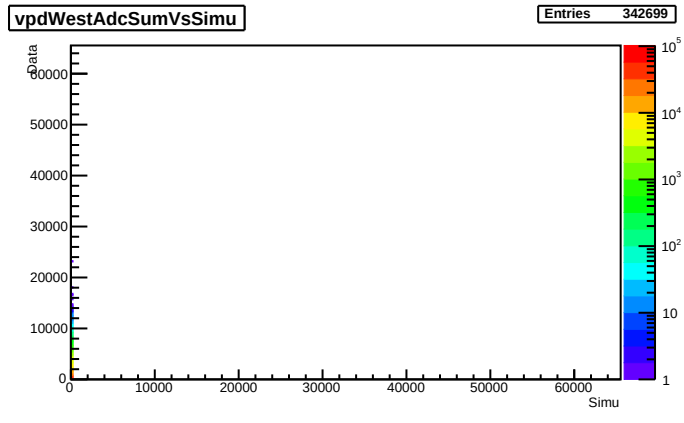

vpdEastAdcSum
Entries 441668

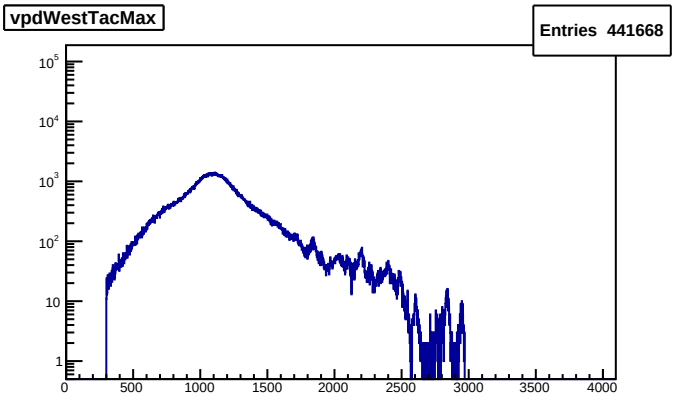

vpdEastAdcSumVsSimu
Entries 248925
Data
Simu

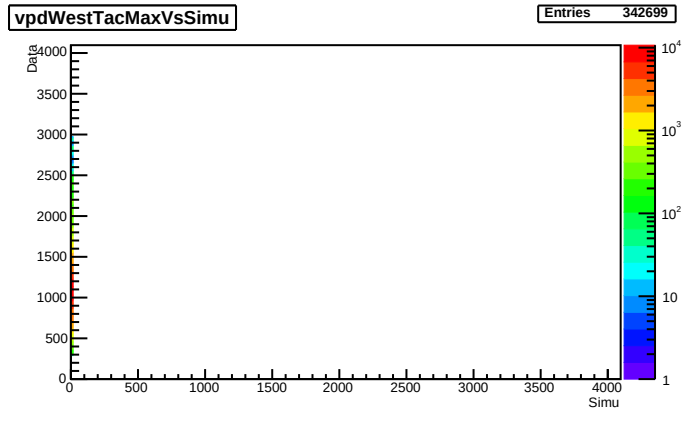

vpdEastTacMax
Entries 441668

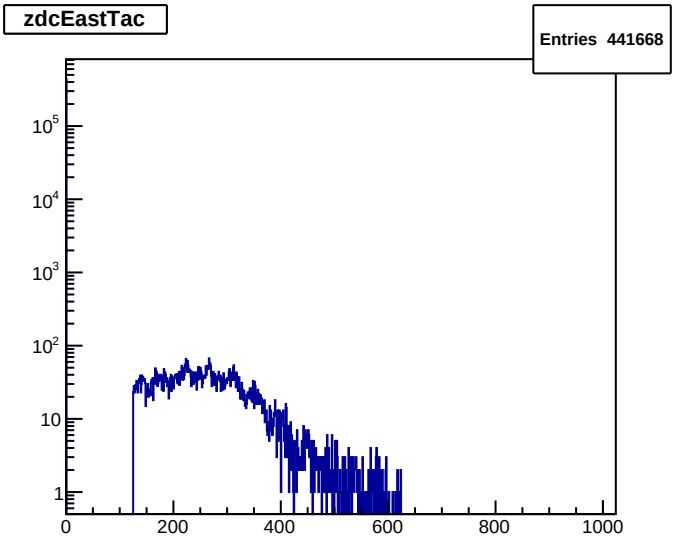

vpdEastTacMaxVsSimu
Entries 248925
Data
Simu

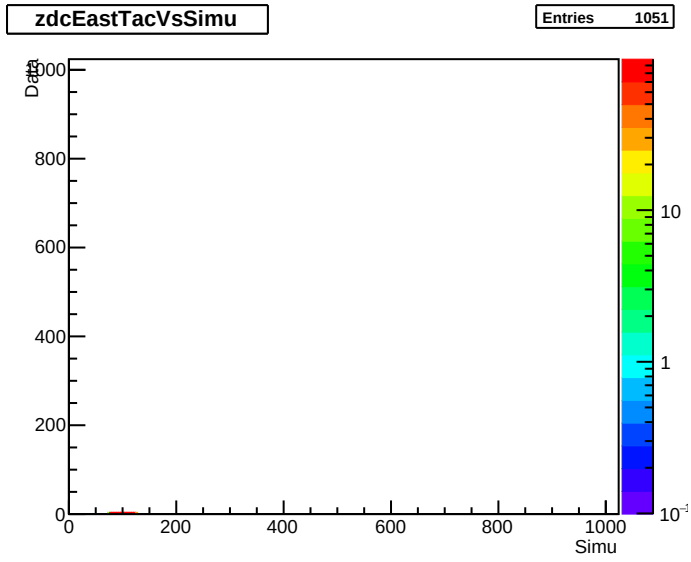

vpdWestAdcSum
Entries 441668

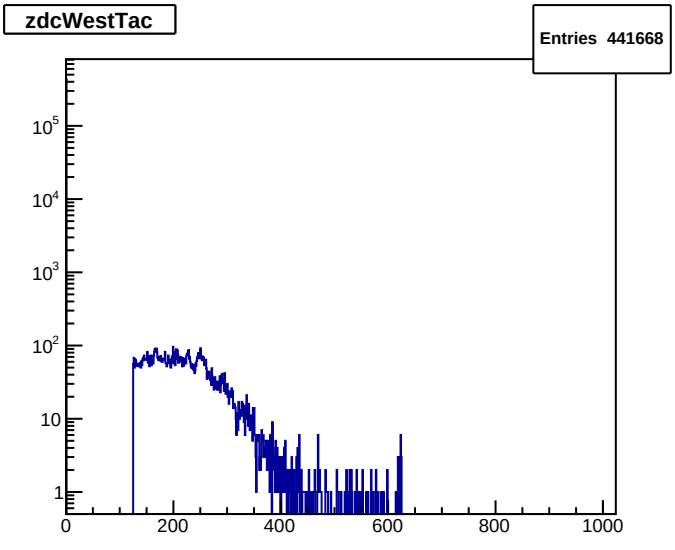

vpdWestAdcSumVsSimu
Entries 342699
Data
Simu

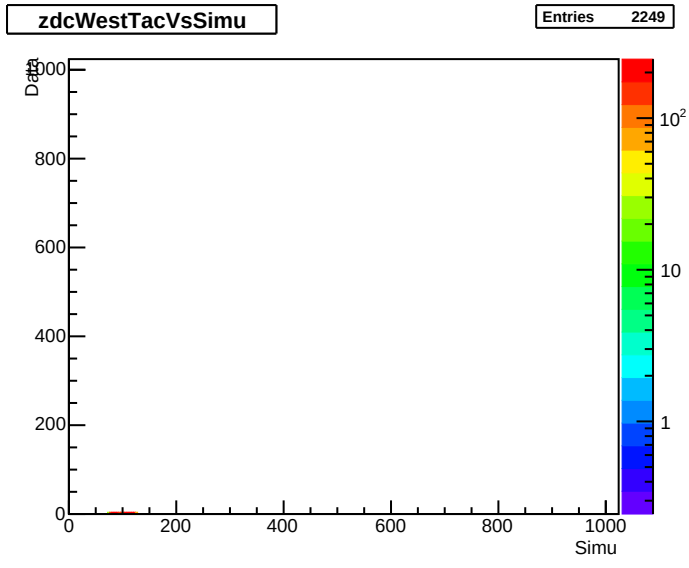

vpdWestTacMax
Entries 441668

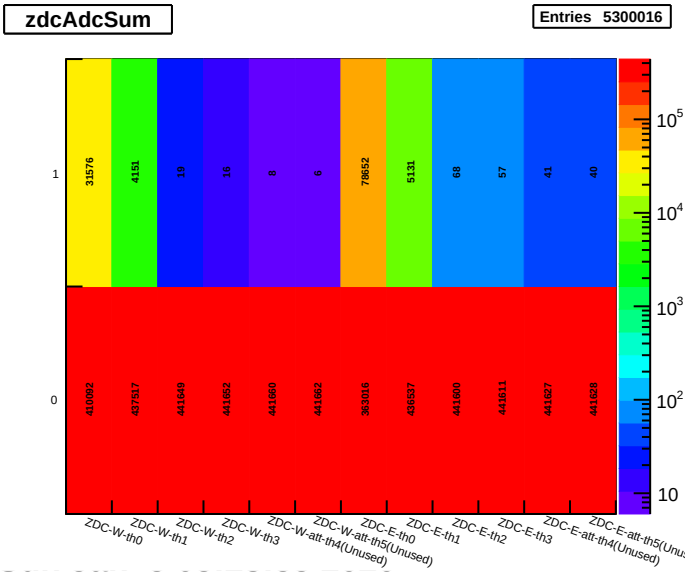

vpdWestTacMaxVsSimu
Entries 342699
Data
Simu

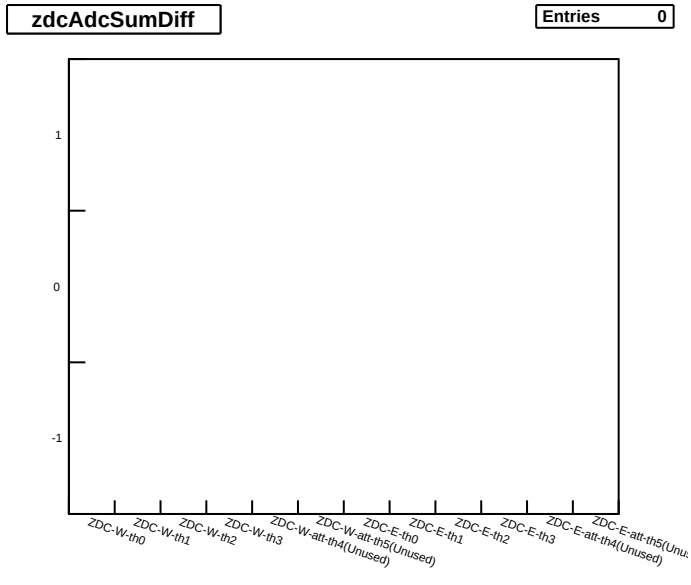

zdcEastTac
Entries 441668

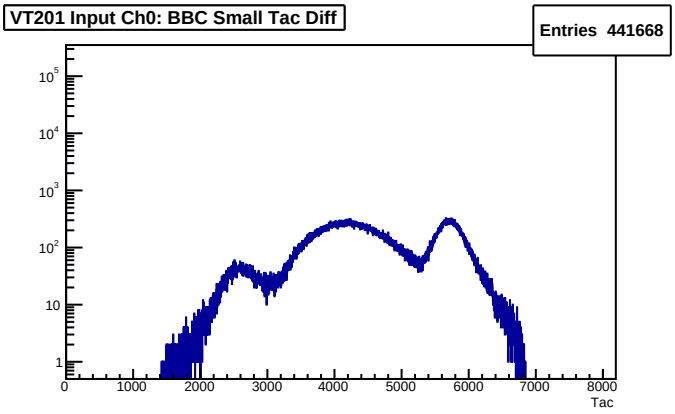

zdcEastTacVsSimu
Entries 1051
Data
Simu

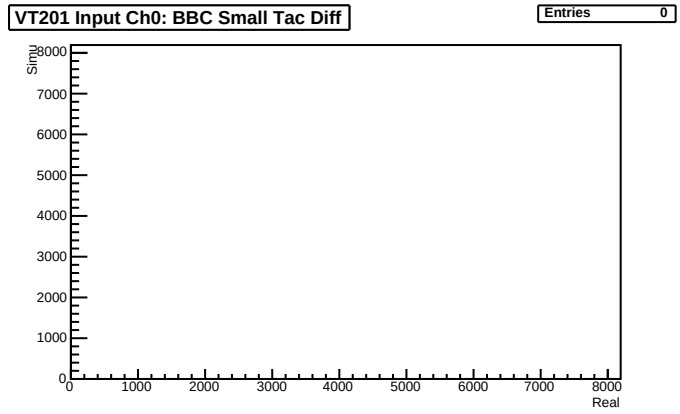

zdcWestTac
Entries 441668

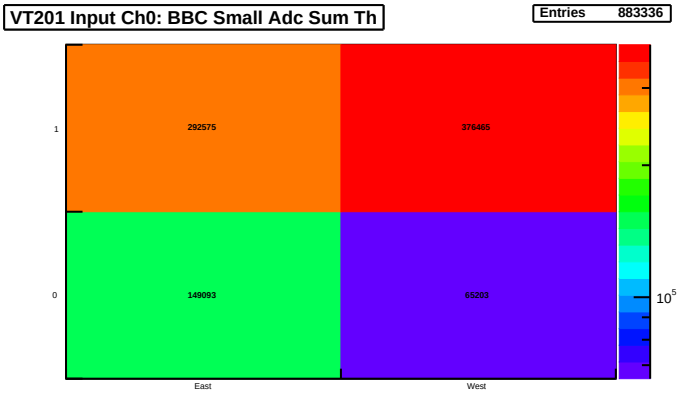

zdcWestTacVsSimu
Entries 2249
Data
Simu

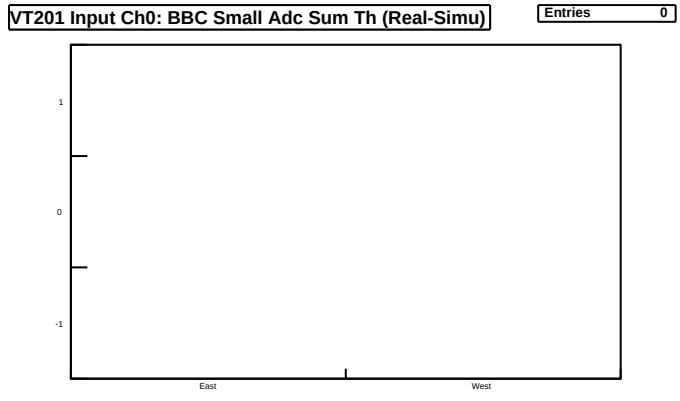

zdcAdcSum
Entries 5300016
31576
4151
19
16
8
6
78652
5131
68
57
41
40
410092
437517
441649
441652
441660
441662
363016
436537
441600
441611
441627
441628
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

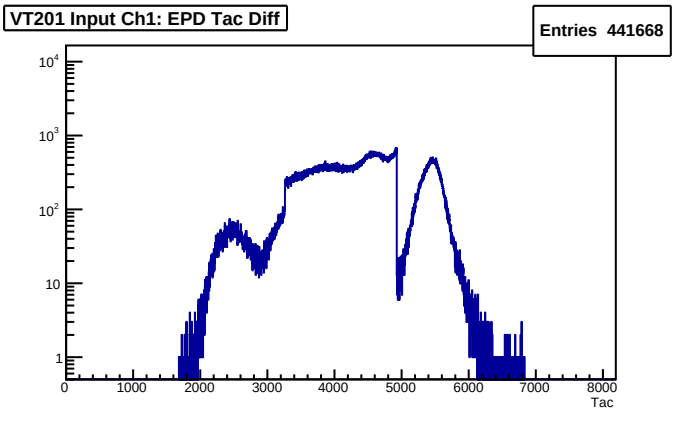

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

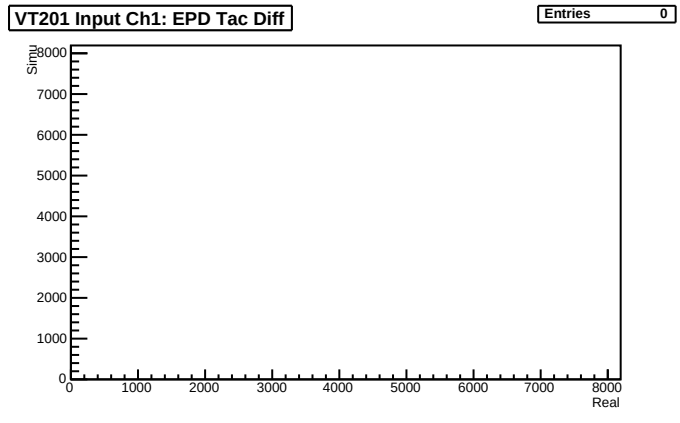

VT201 Input Ch0: BBC Small Tac Diff
Entries 441668
Tac

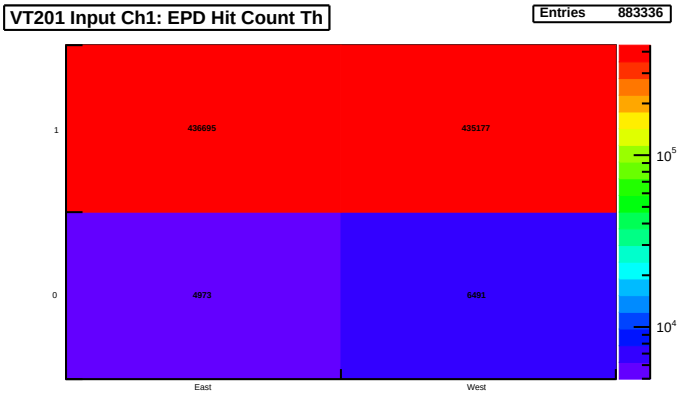

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

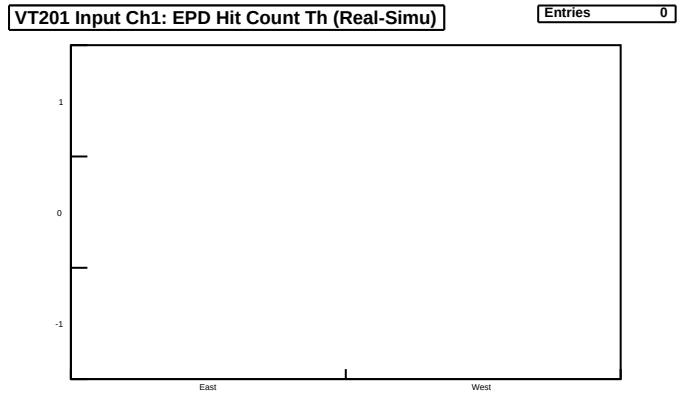

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 883336
292575
376465
149093
65203
East
West

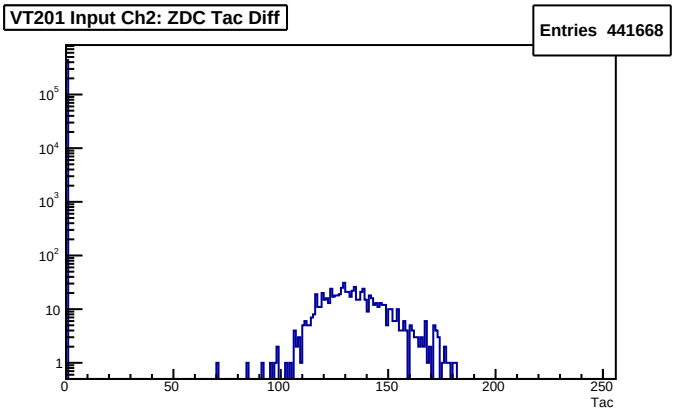

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

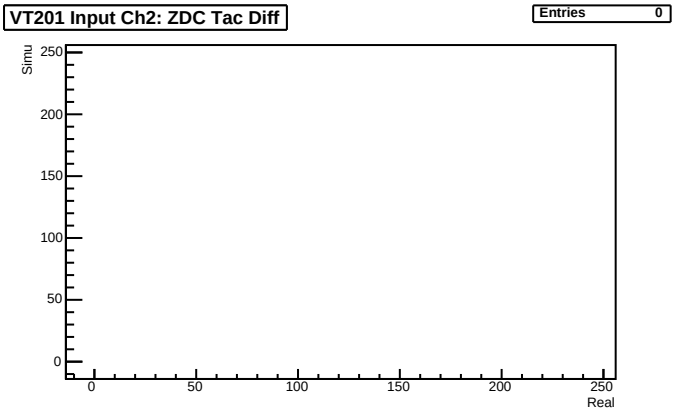

VT201 Input Ch1: EPD Tac Diff
Entries 441668
Tac

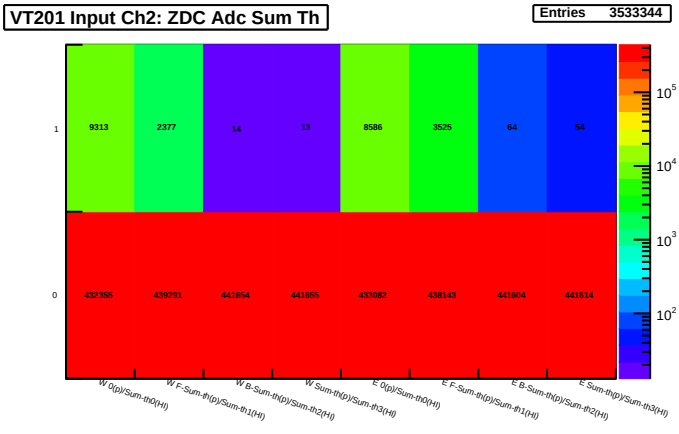

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

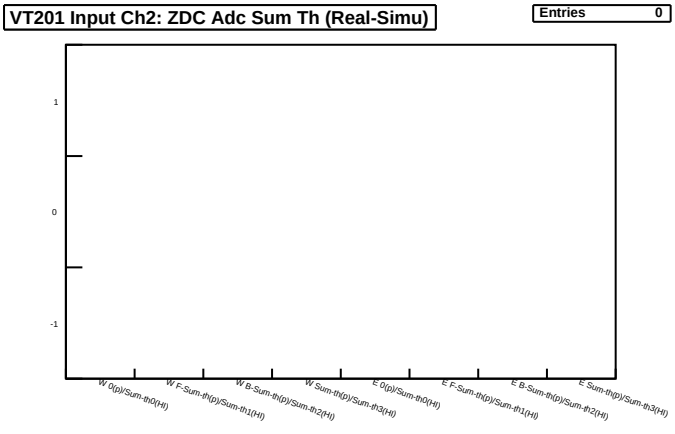

VT201 Input Ch1: EPD Hit Count Th
Entries 883336
436695
435177
4973
6491
East
West

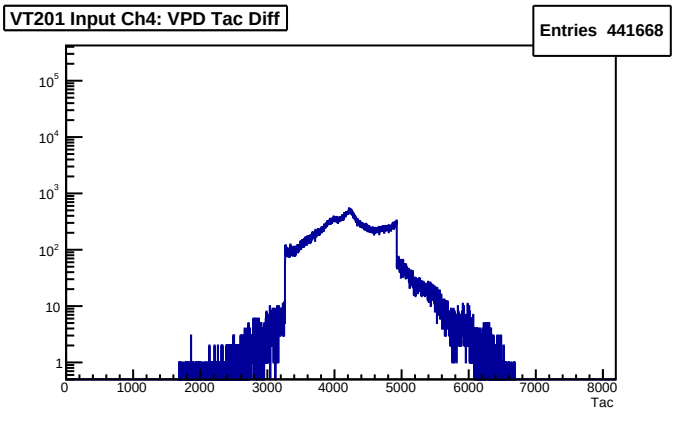

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

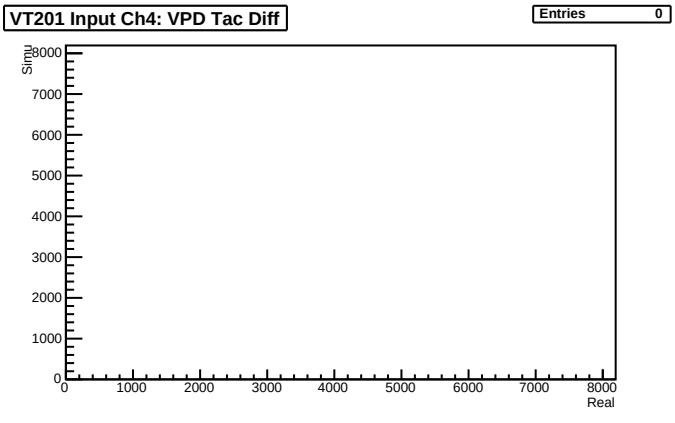

VT201 Input Ch2: ZDC Tac Diff
Entries 441668
Tac

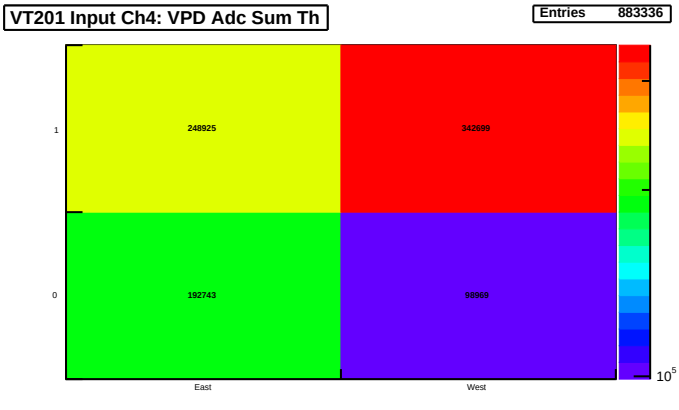

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

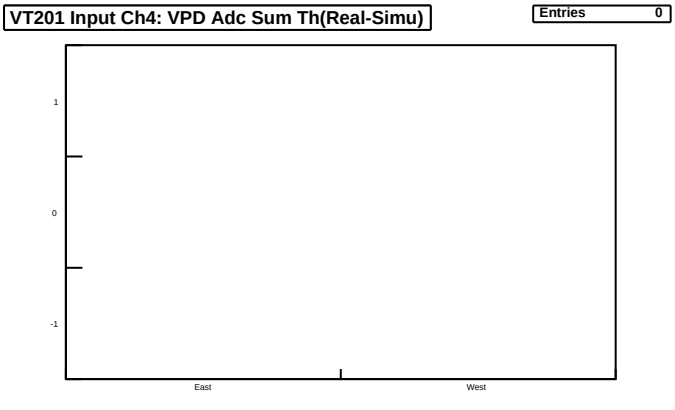

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3533344
9313
2377
14
13
8586
3525
64
54
432355
439291
441654
441655
433082
438143
441604
441614
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

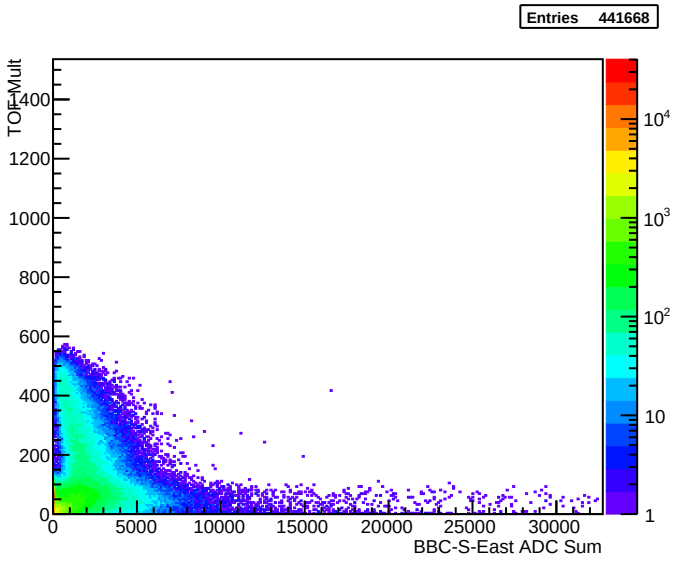

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

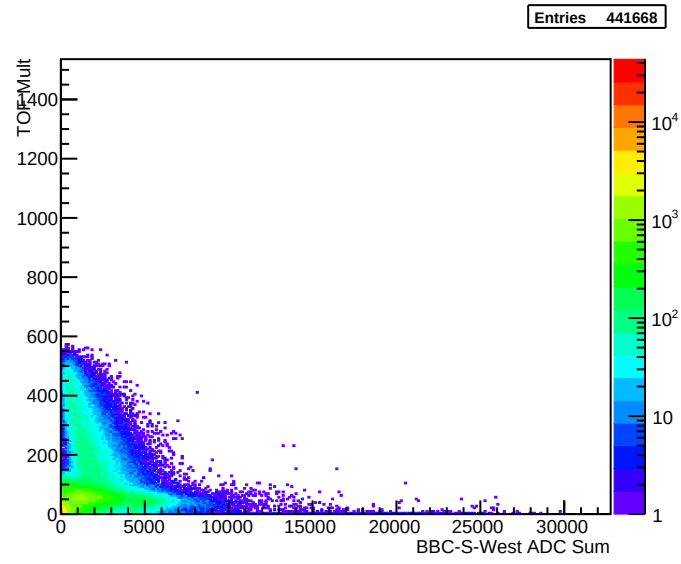

VT201 Input Ch4: VPD Tac Diff
Entries 441668
Tac

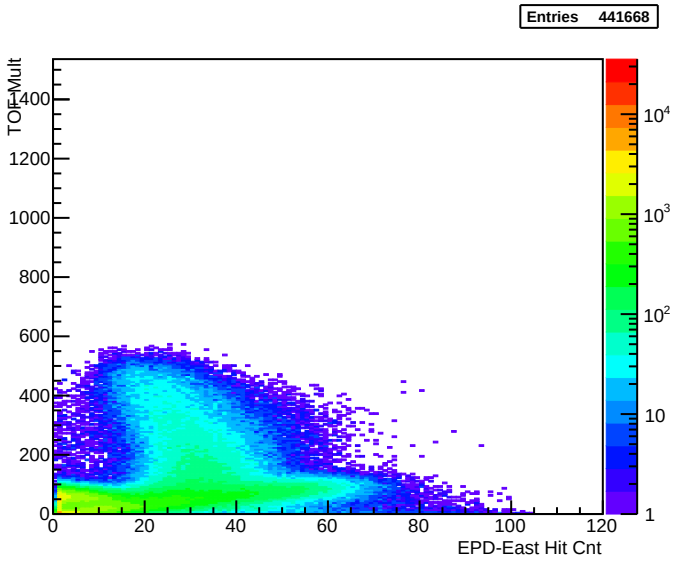

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

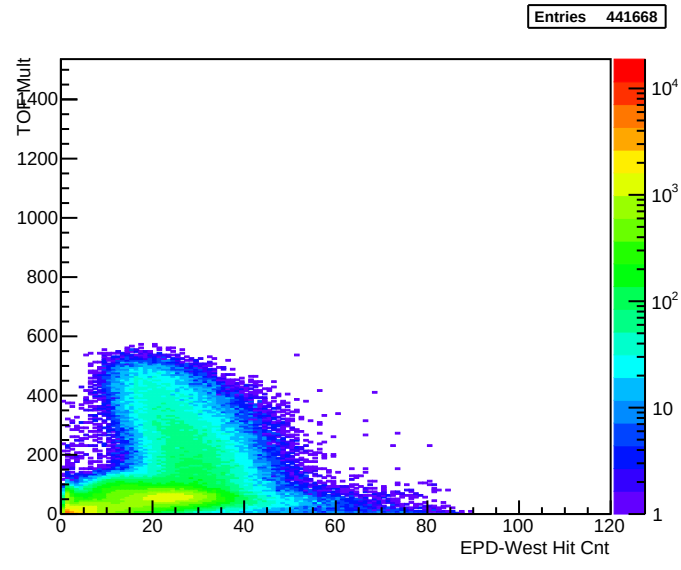

VT201 Input Ch4: VPD Adc Sum Th
Entries 883336
248925
342699
192743
98969
East
West

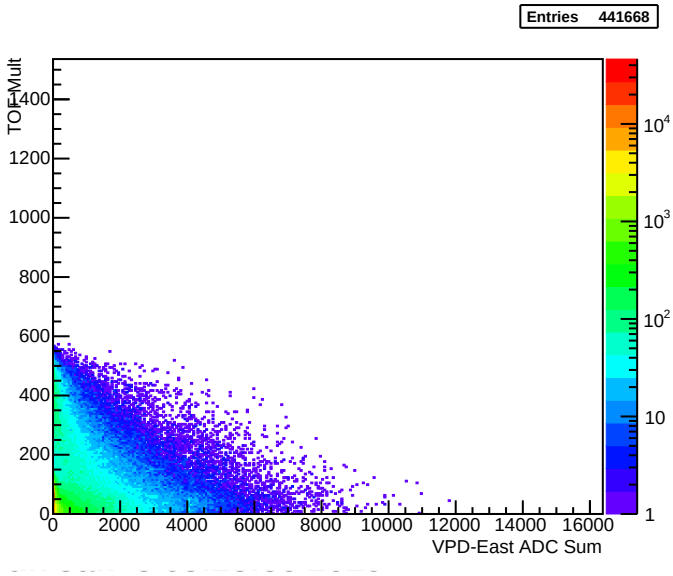

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

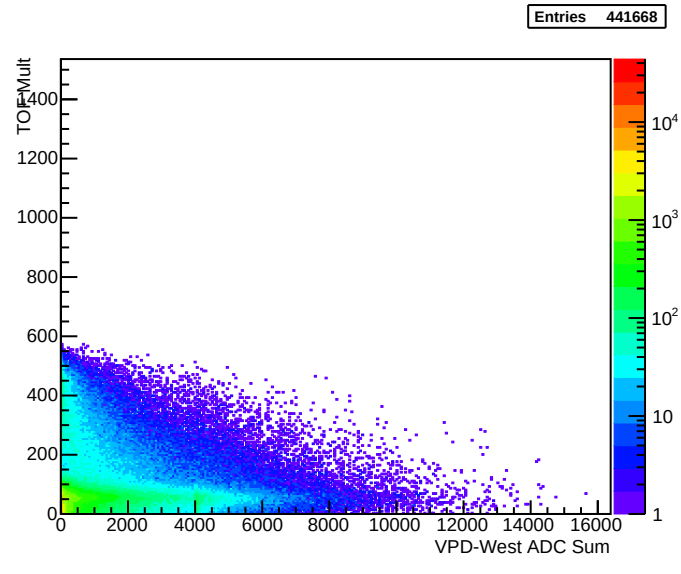

Entries 441668
TOF-Mult
BBC-S-East ADC Sum

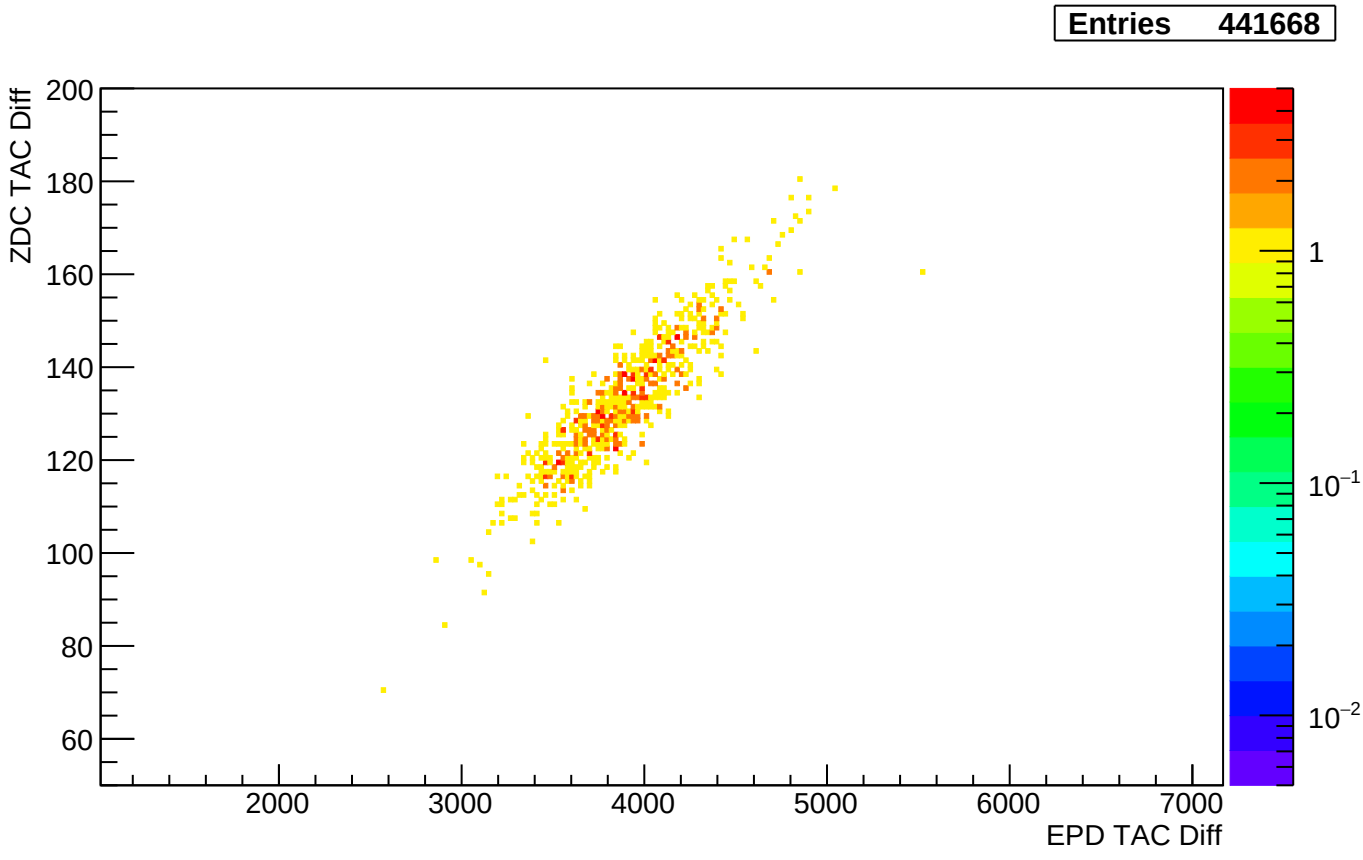

Entries 441668
TOF-Mult
BBC-S-West ADC Sum

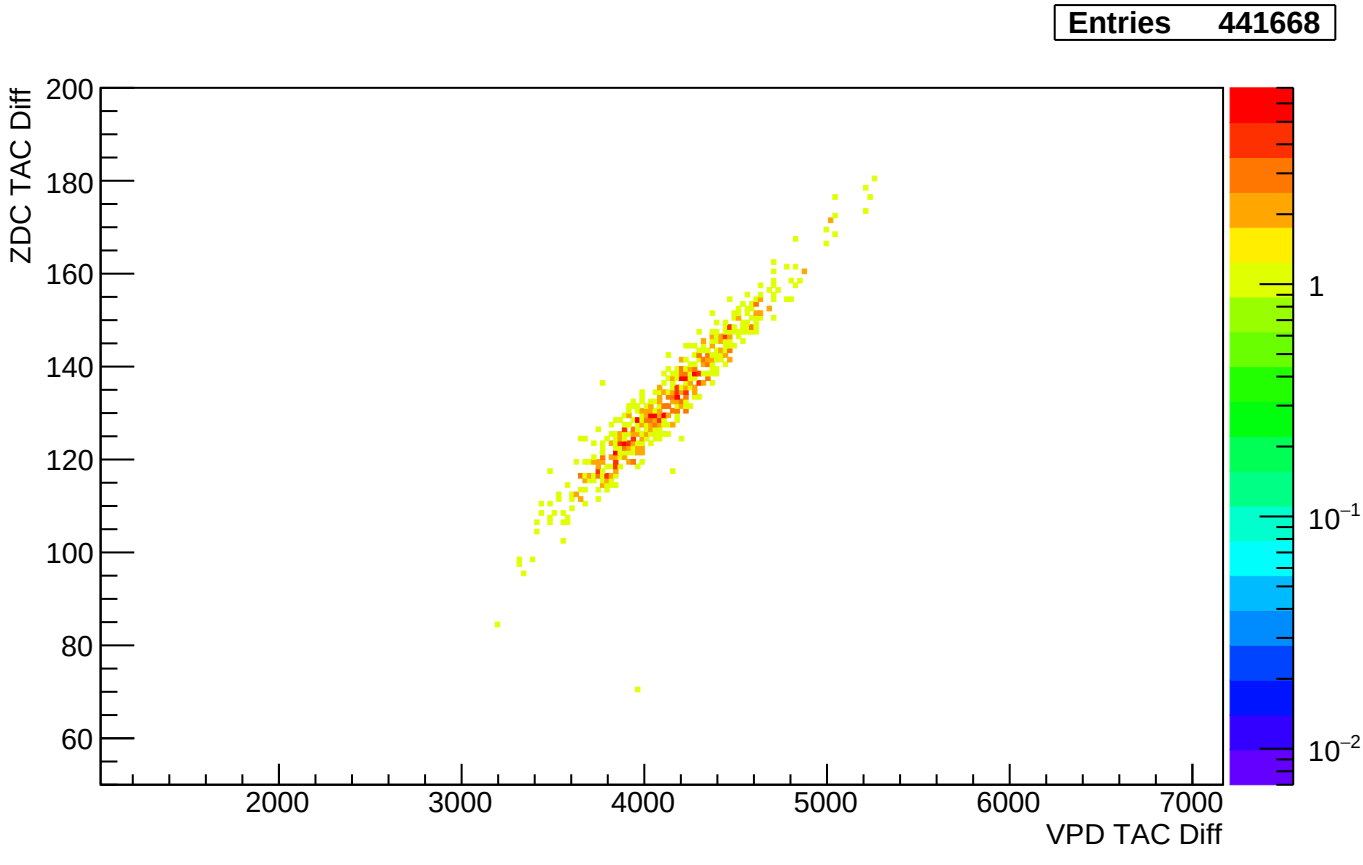

Entries 441668
TOF-Mult
EPD-East Hit Cnt

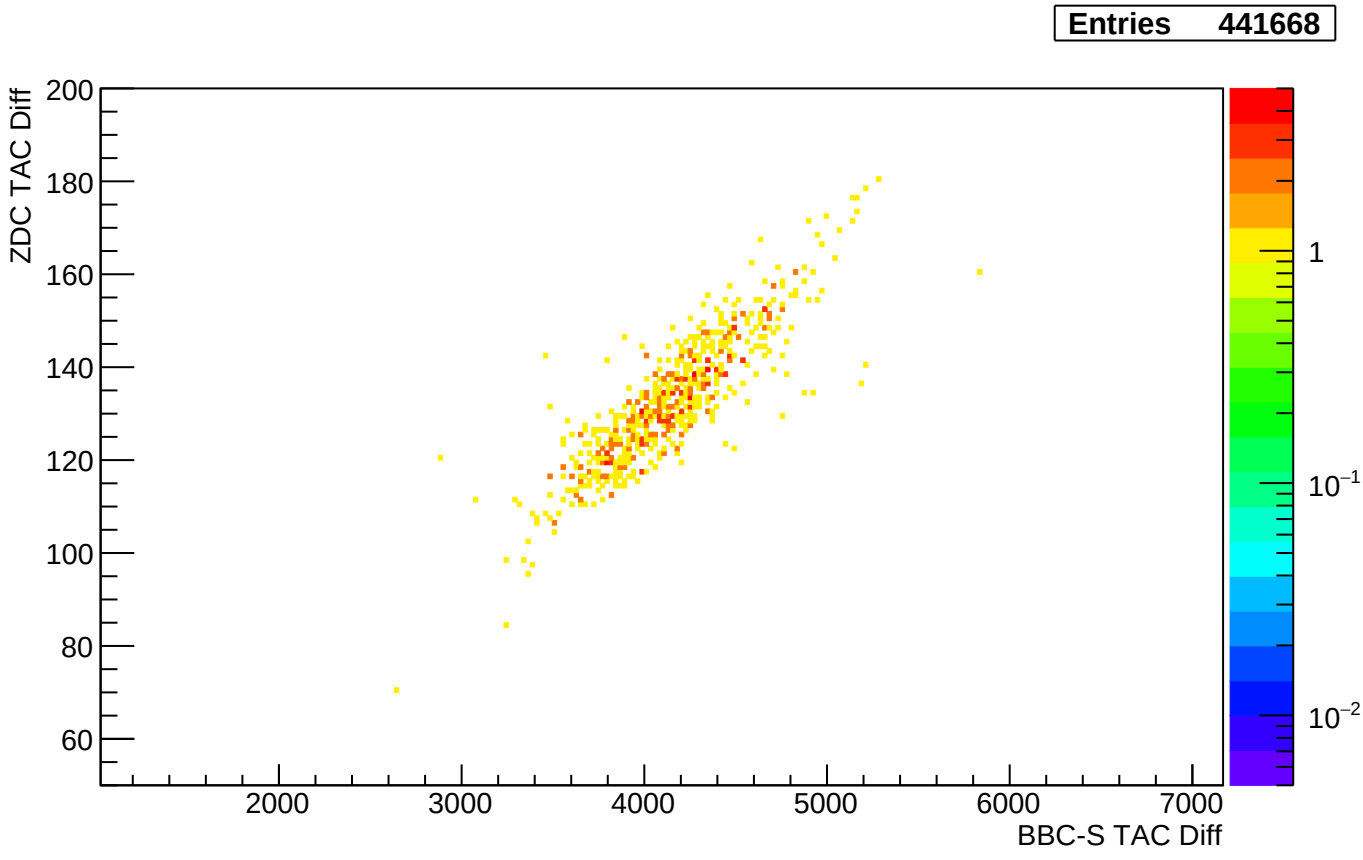

Entries 441668
TOF-Mult
EPD-West Hit Cnt

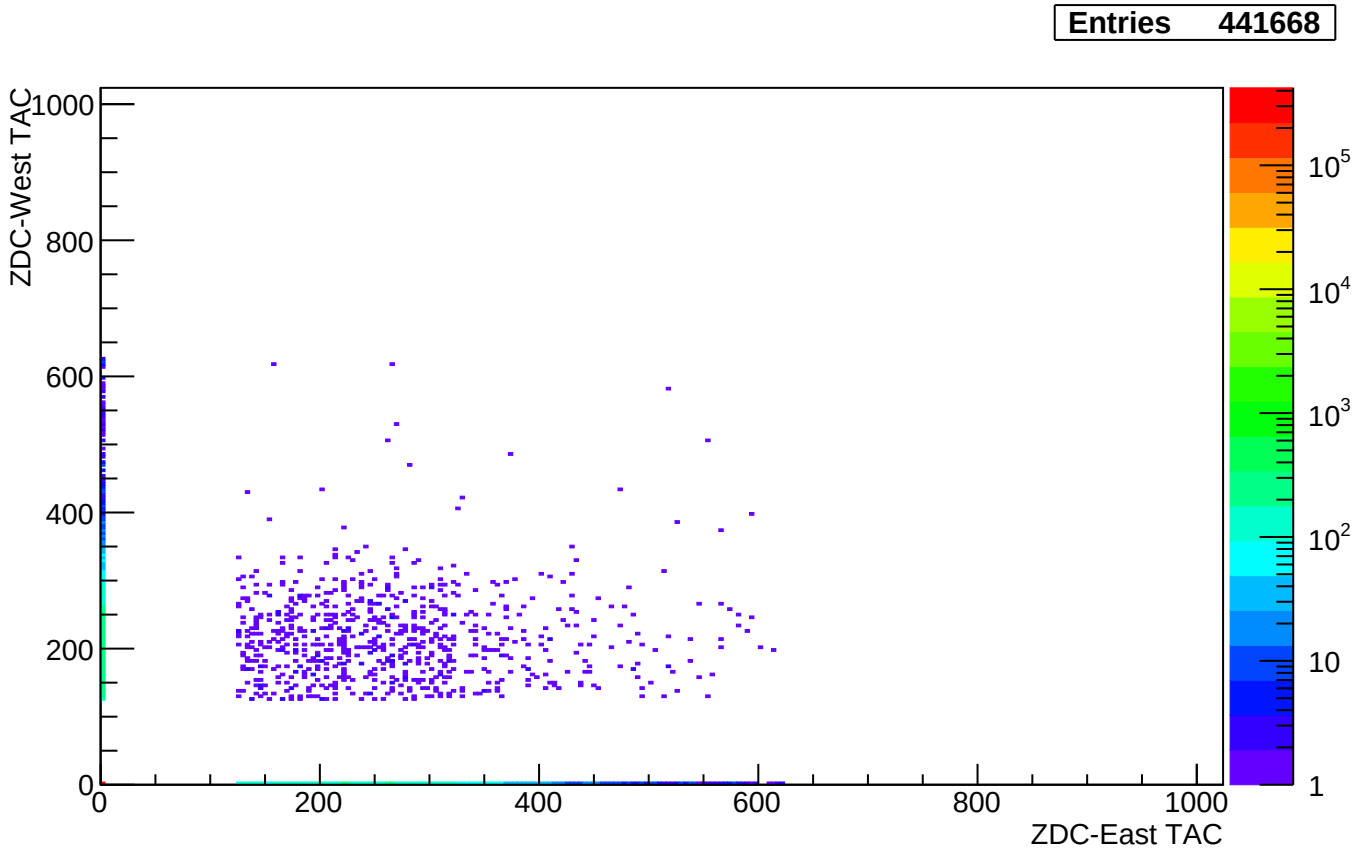

Entries 441668
TOF-Mult
VPD-East ADC Sum

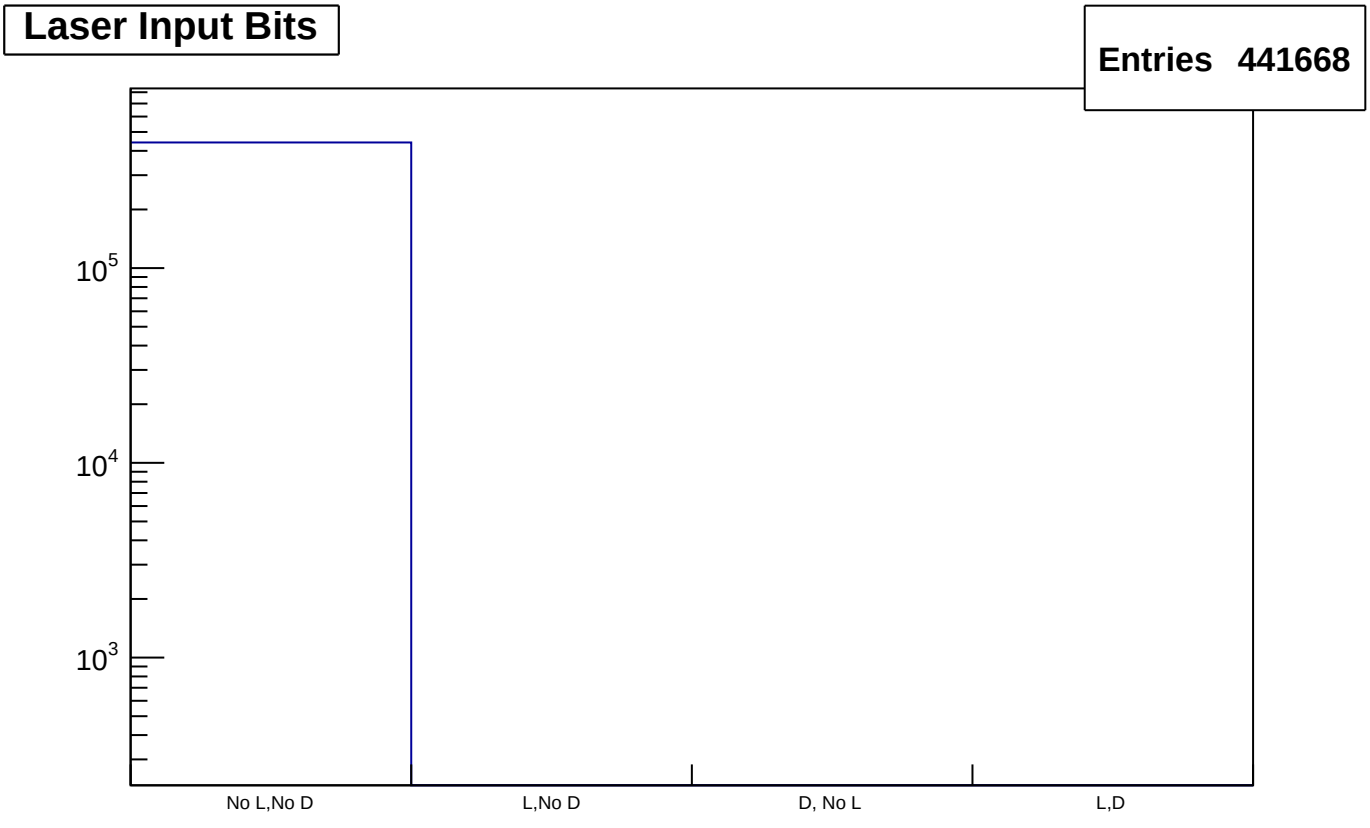

Entries 441668
TOF-Mult
VPD-West ADC Sum

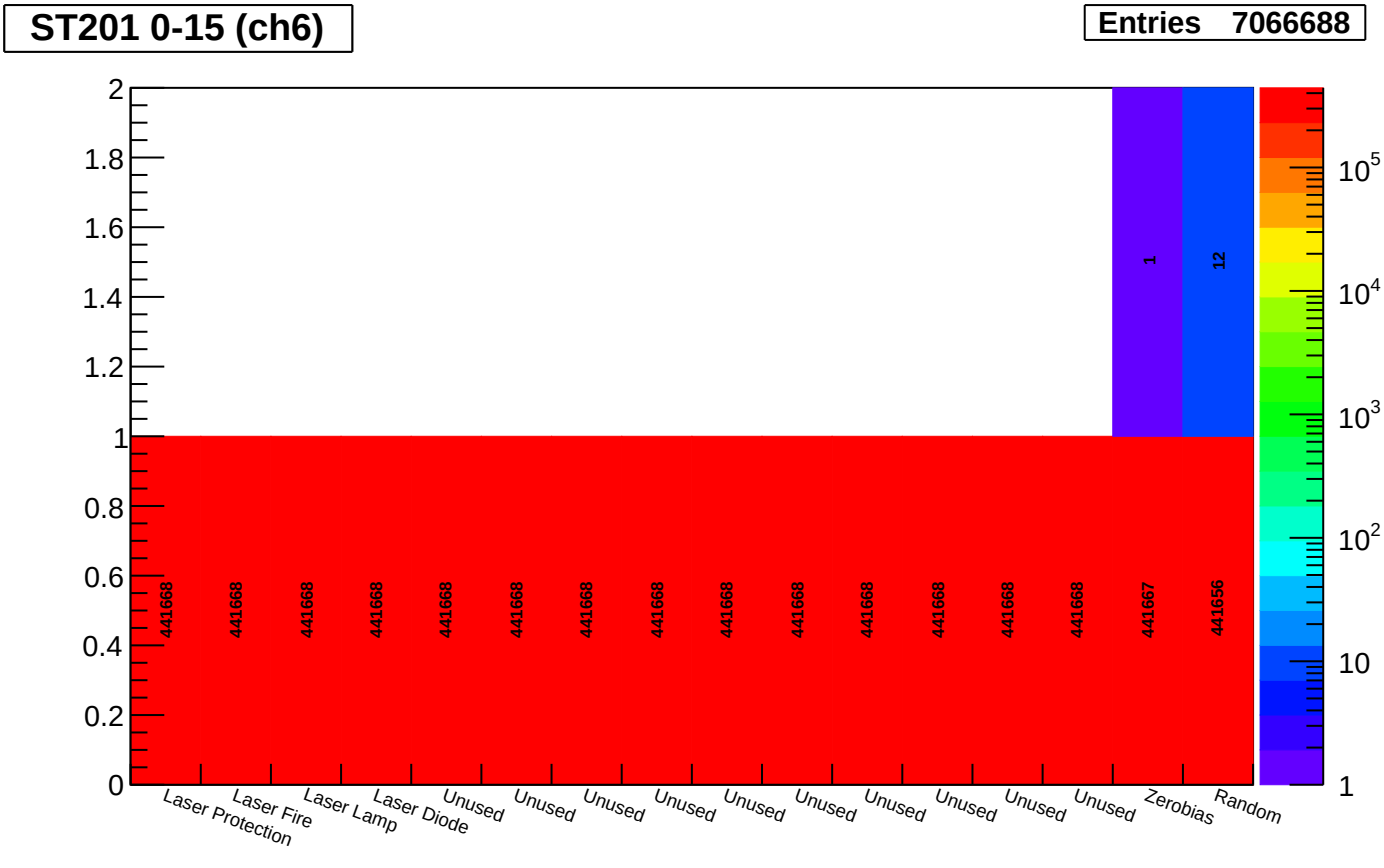

Entries 441668
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

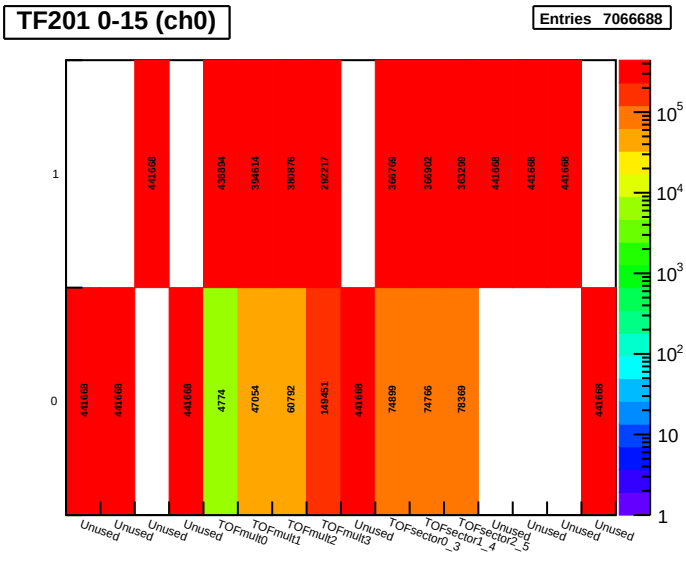

Entries 441668
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

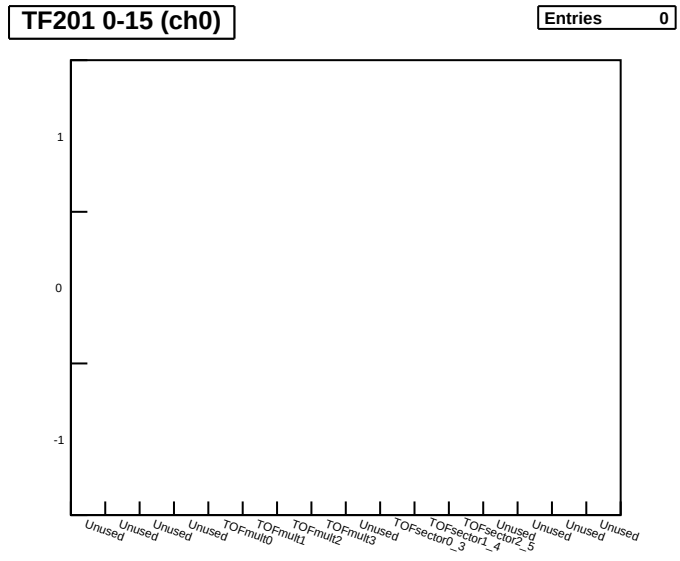

Entries 441668
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

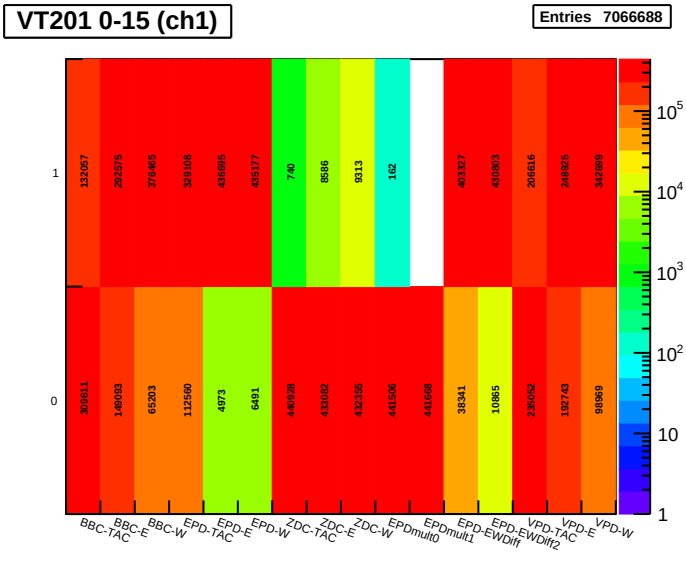

Entries 441668
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

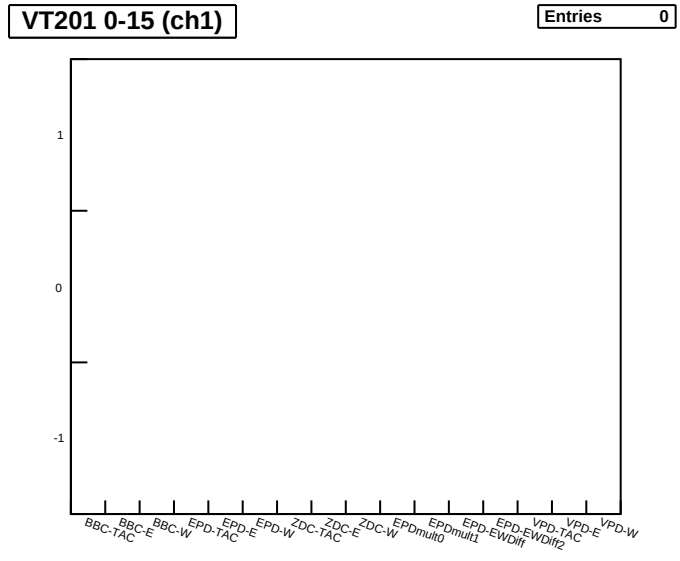

Laser Input Bits
Entries 441668
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

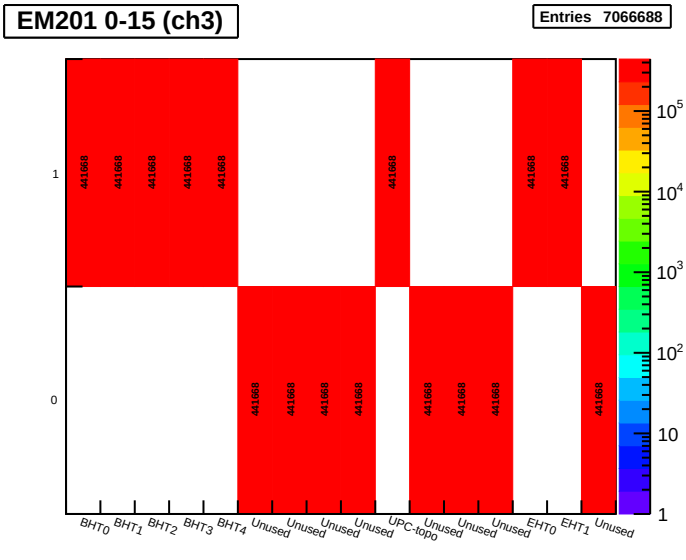

ST201 0-15 (ch6)
Entries 7066688
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441667
441656
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

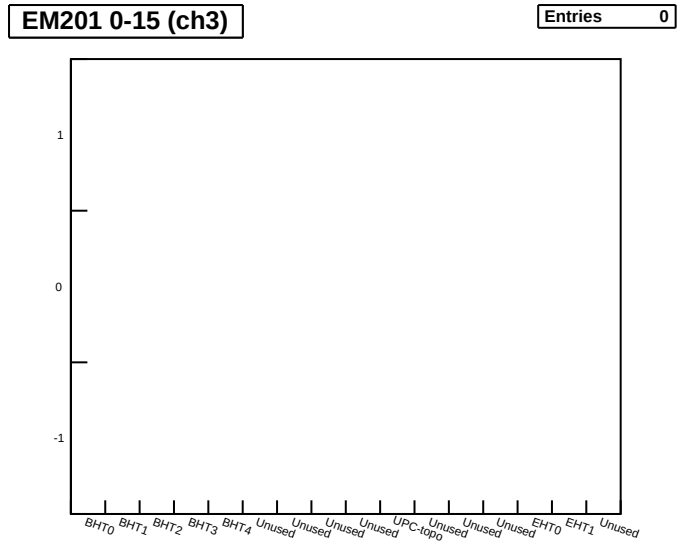

TF201 0-15 (ch0)
Entries 7066688
1
0
441668
436894
394614
380876
292217
366769
356902
363299
441668
441668
441668
441668
441668
441668
4774
47054
60792
149451
441668
74899
74766
78369
441668
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7066688
1
0
132057
292575
376465
329108
436695
435177
740
8586
9313
162
403327
430803
206616
248925
342699
309611
149093
65203
112560
4973
6491
440928
433082
432355
441506
441668
38341
10865
235052
192743
98969
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 7066688
1
0
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
441668
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