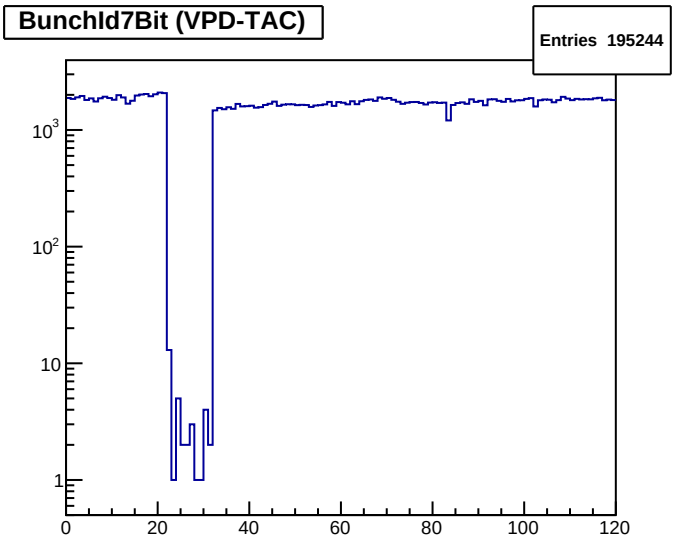
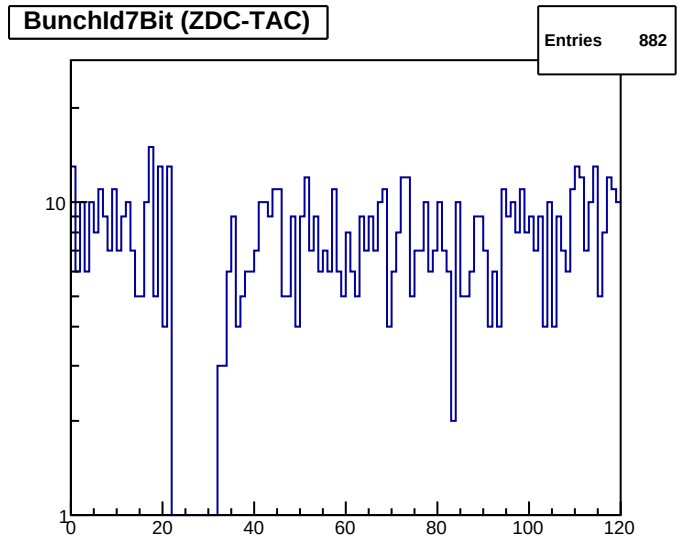
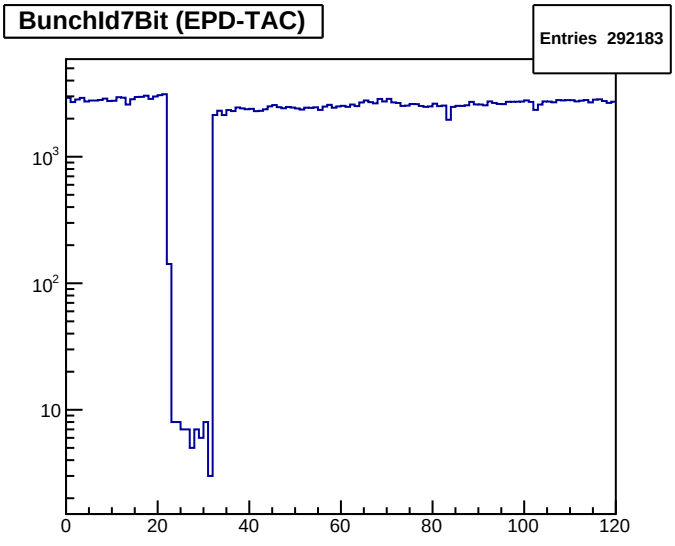
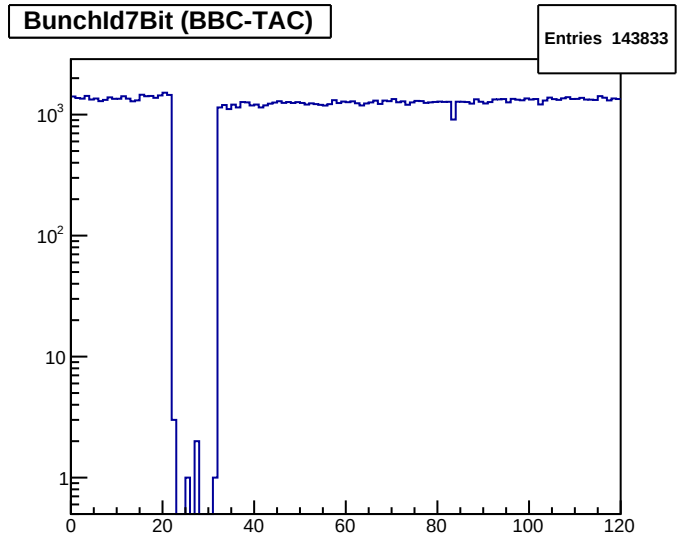
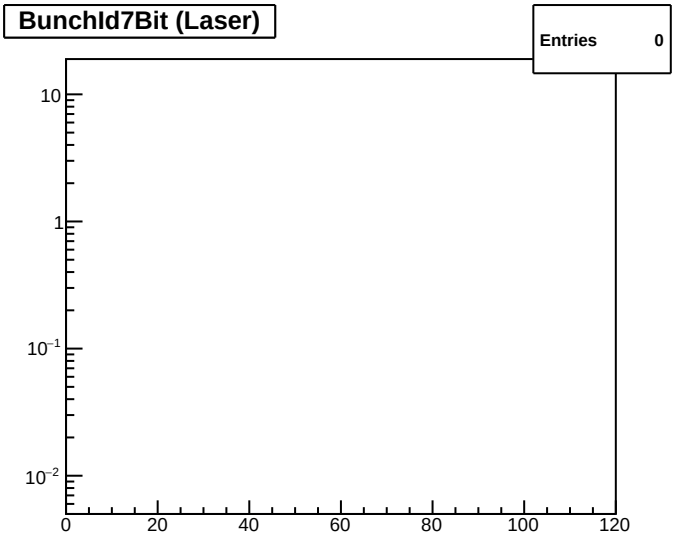
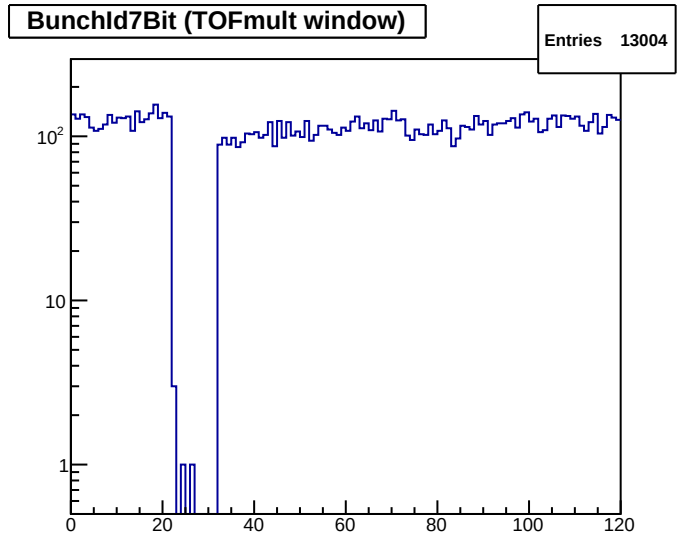

BunchId7Bit (VPD-TAC)
Entries 195244

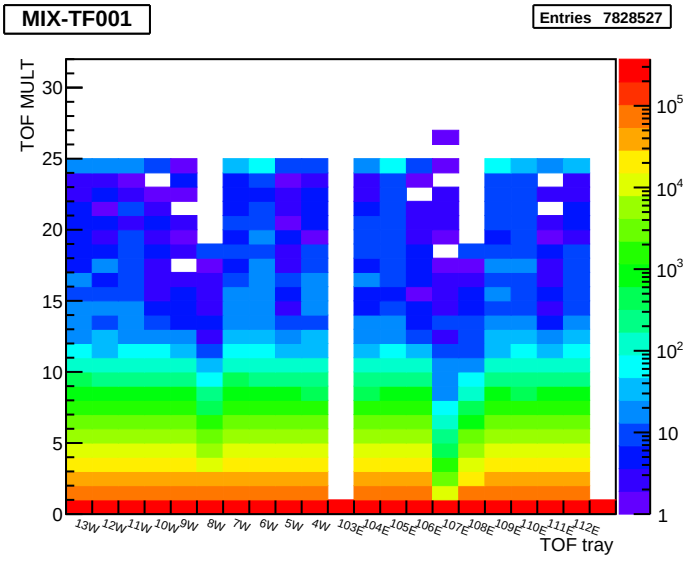

BunchId7Bit (ZDC-TAC)
Entries 882

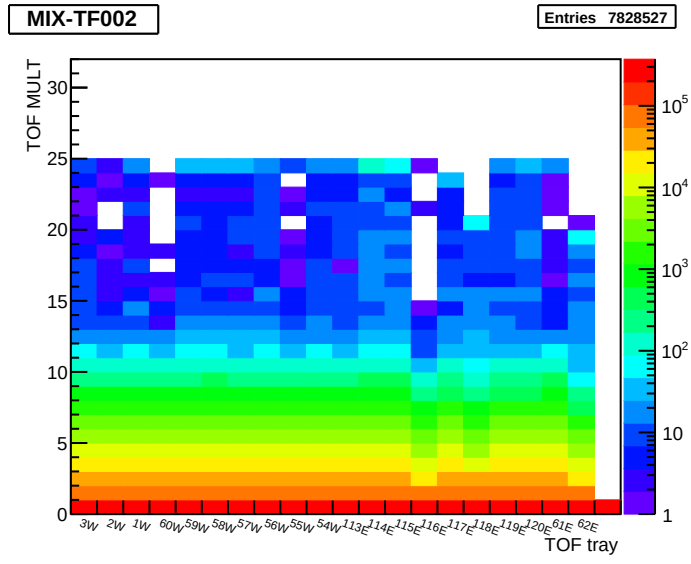

BunchId7Bit (EPD-TAC)
Entries 292183

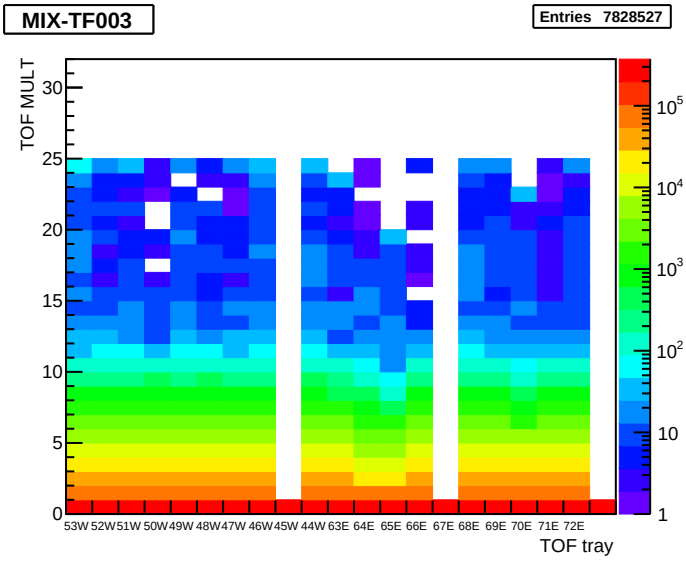

BunchId7Bit (BBC-TAC)
Entries 143833

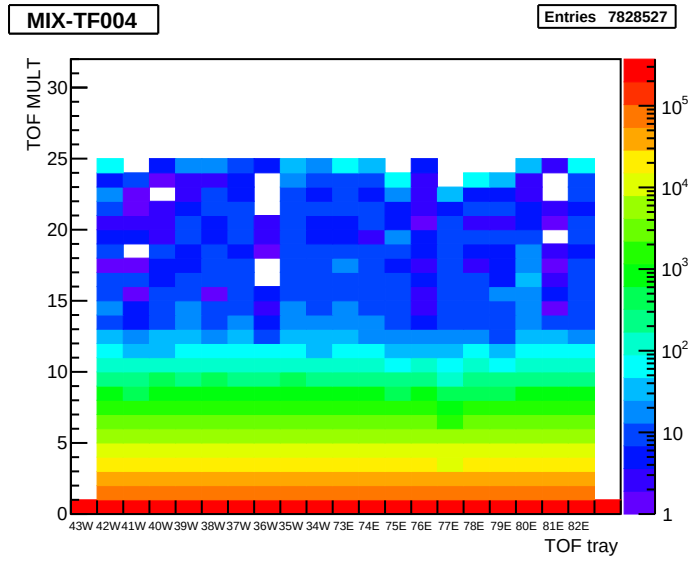

BunchId7Bit (Laser)
Entries 0

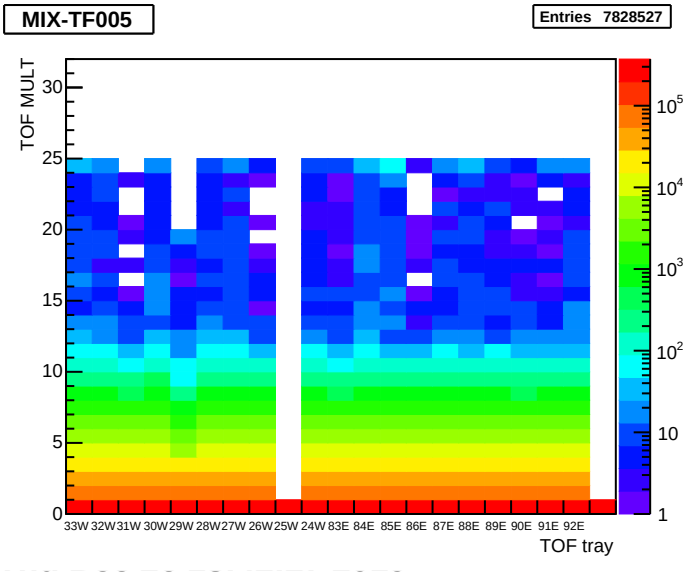

BunchId7Bit (TOFmult window)
Entries 13004

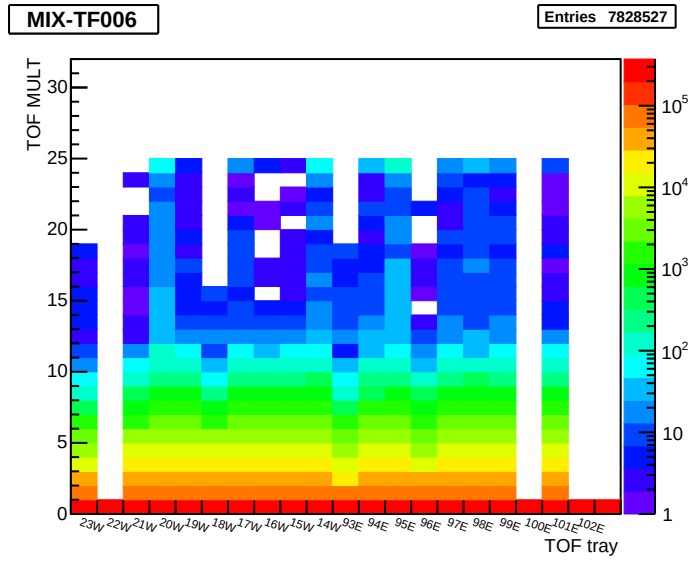

MIX-TF001
Entries 7828527
TOF MULT
TOF tray

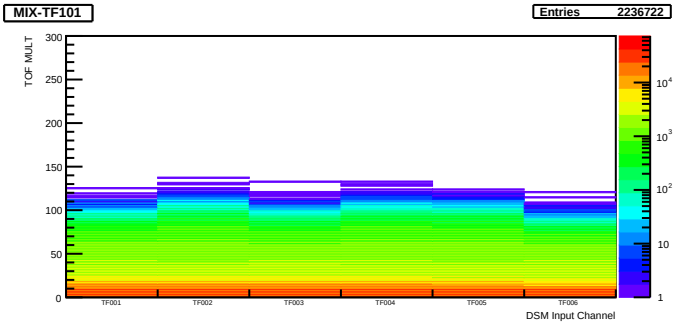

MIX-TF002
Entries 7828527
TOF MULT
TOF tray

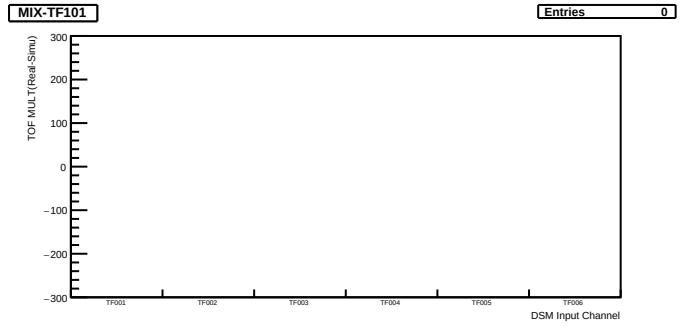

MIX-TF003
Entries 7828527
TOF MULT
TOF tray

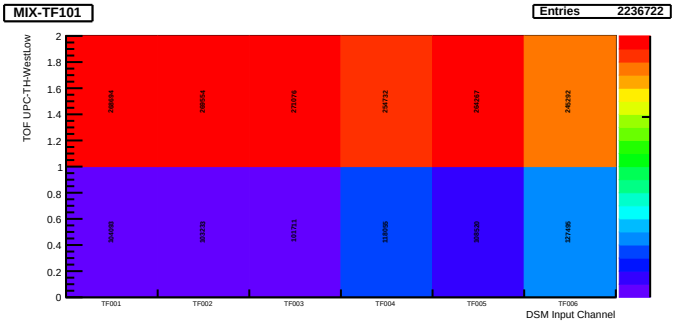

MIX-TF004
Entries 7828527
TOF MULT
TOF tray

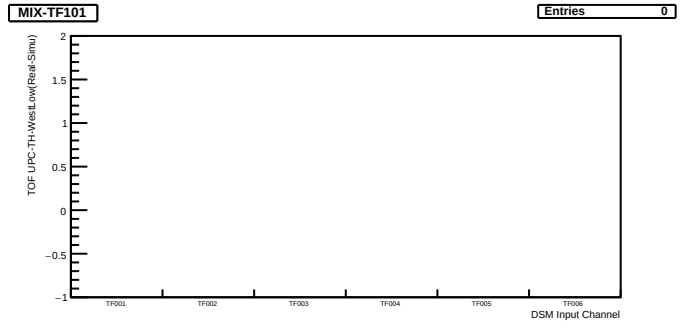

MIX-TF005
Entries 7828527
TOF MULT
TOF tray

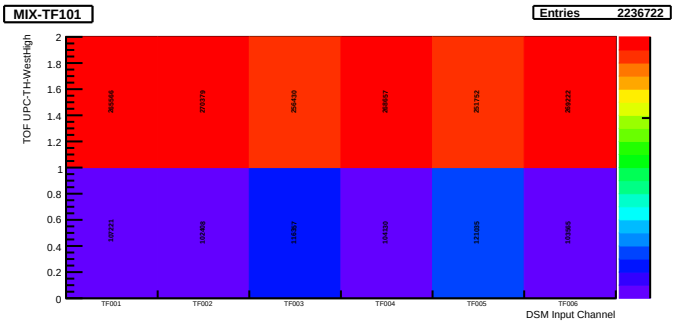

MIX-TF006
Entries 7828527
TOF MULT
TOF tray

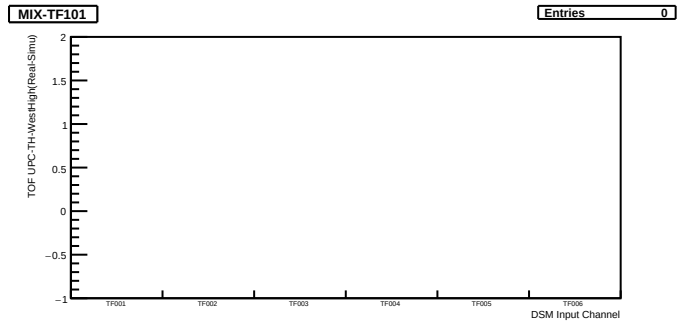

MIX-TF101
Entries 2236722
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

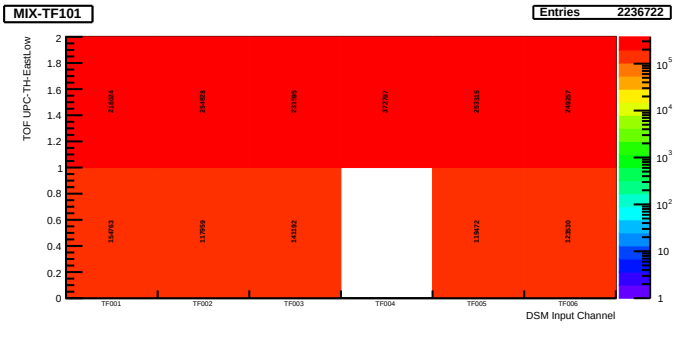

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

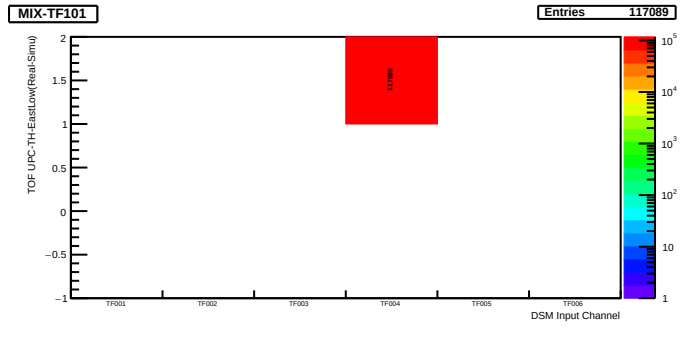

MIX-TF101
Entries 2236722
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

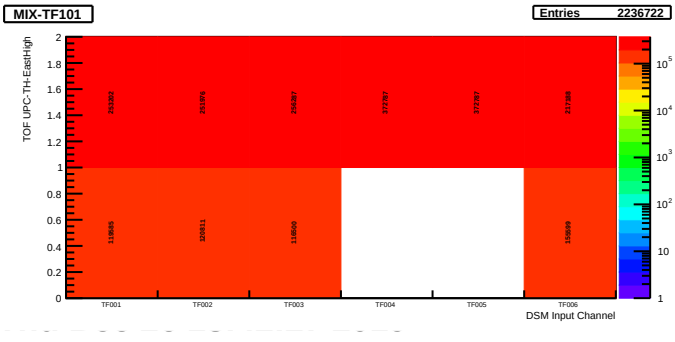

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

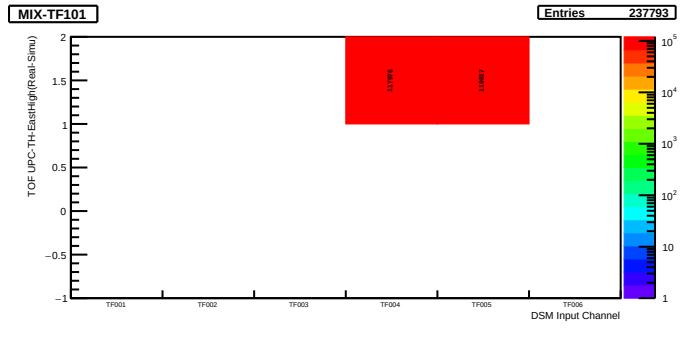

MIX-TF101
Entries 2236722
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

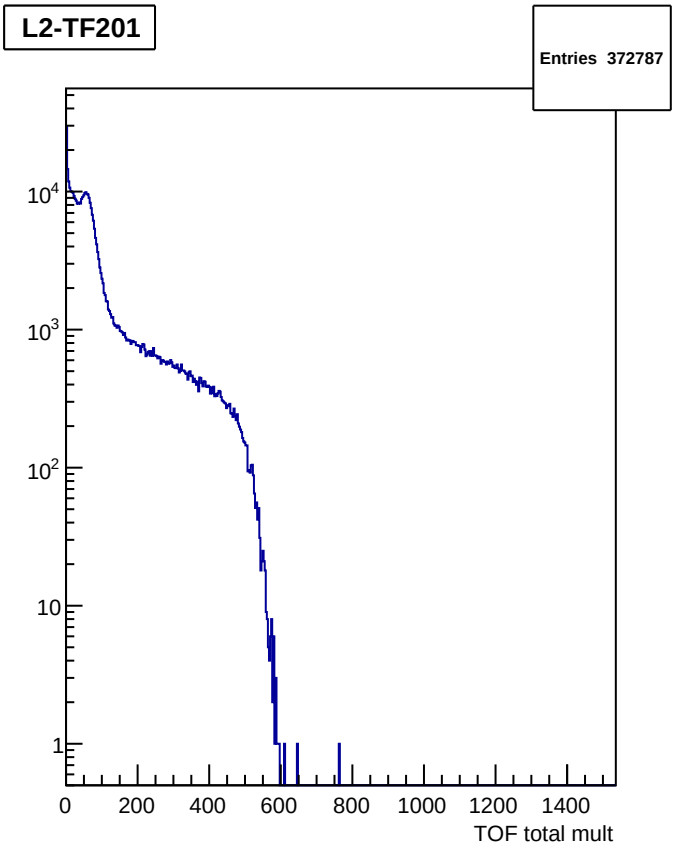

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

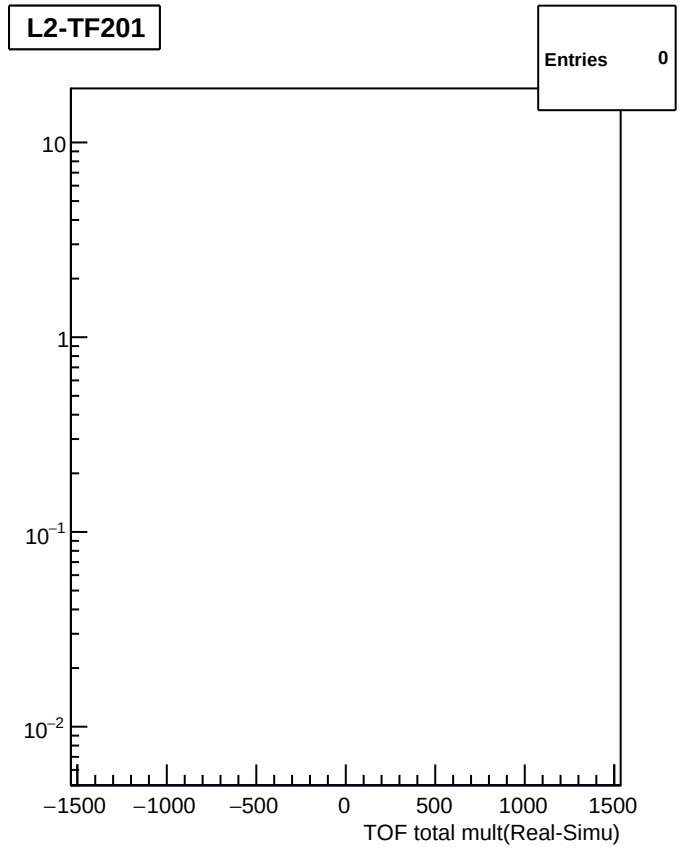

MIX-TF101
Entries 2236722
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

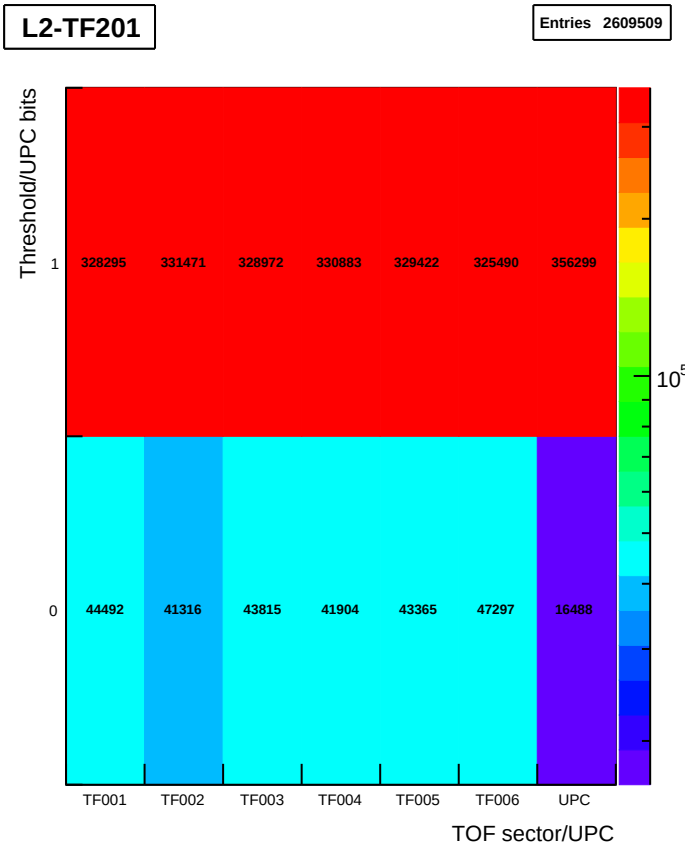

MIX-TF101
Entries 117089
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

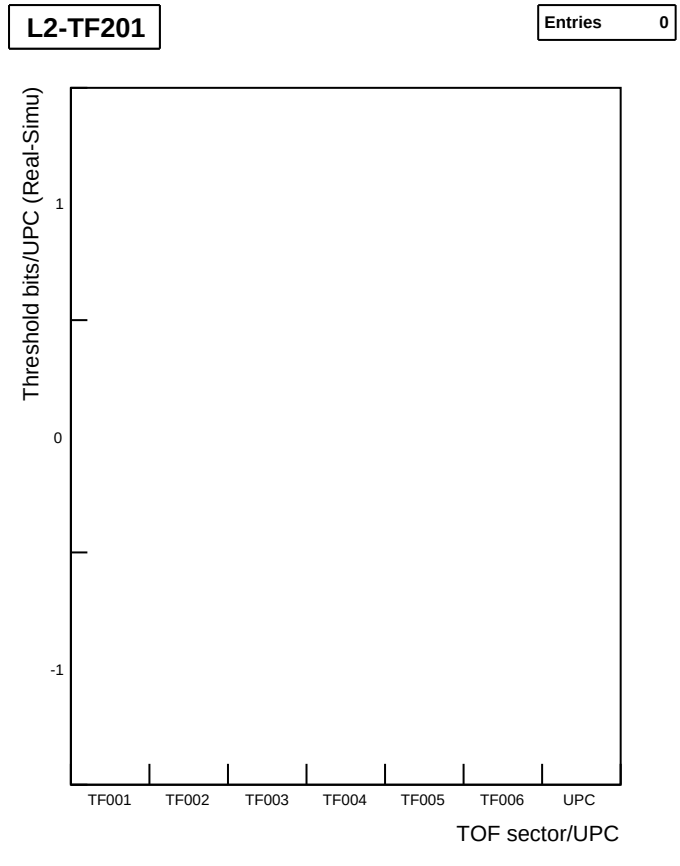

MIX-TF101
Entries 2236722
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

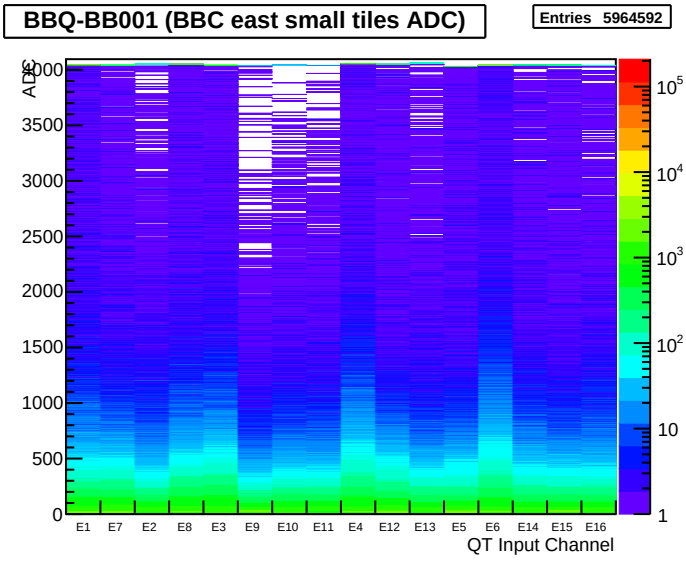

MIX-TF101
Entries 237793
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

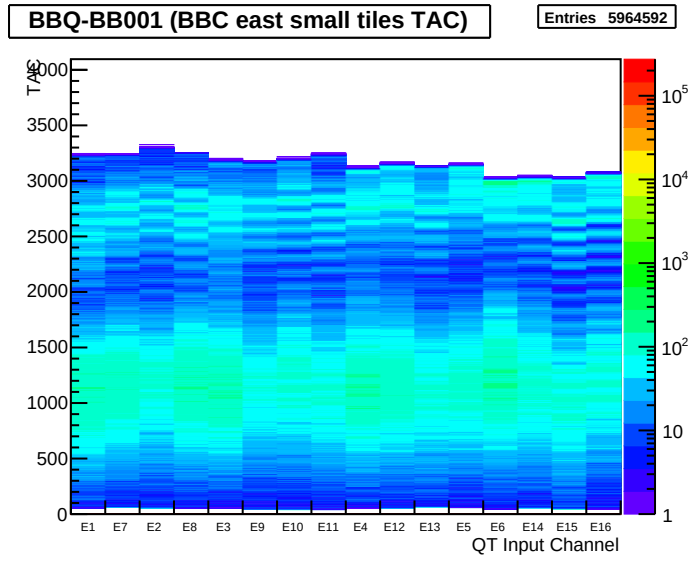

L2-TF201
Entries 372787
TOF total mult

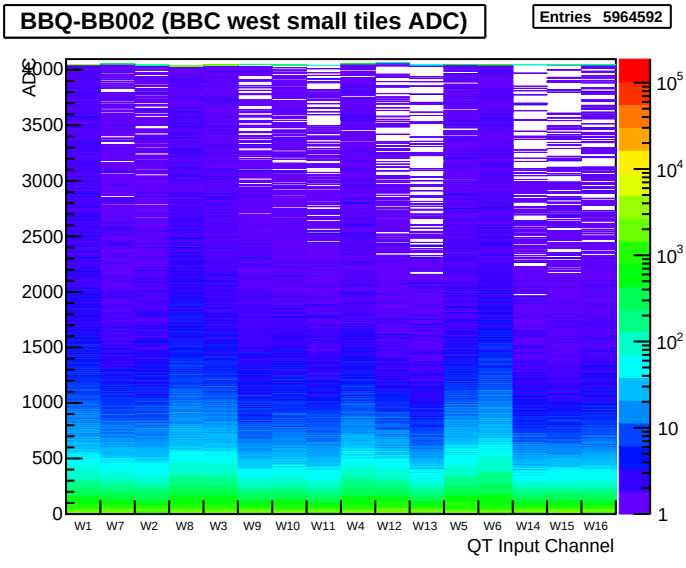

L2-TF201
Entries 0
TOF total mult(Real-Simu)

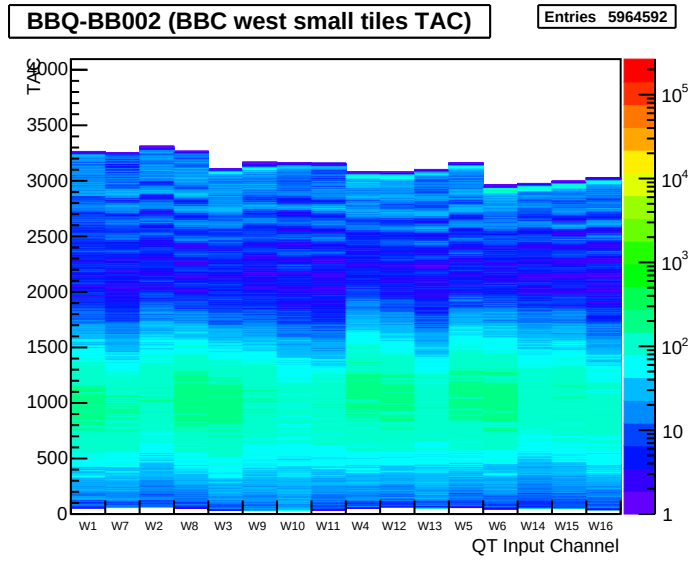

L2-TF201
Entries 2609509
Threshold/UPC bits
328295
331471
328972
330883
329422
325490
356299
44492
41316
43815
41904
43365
47297
16488
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

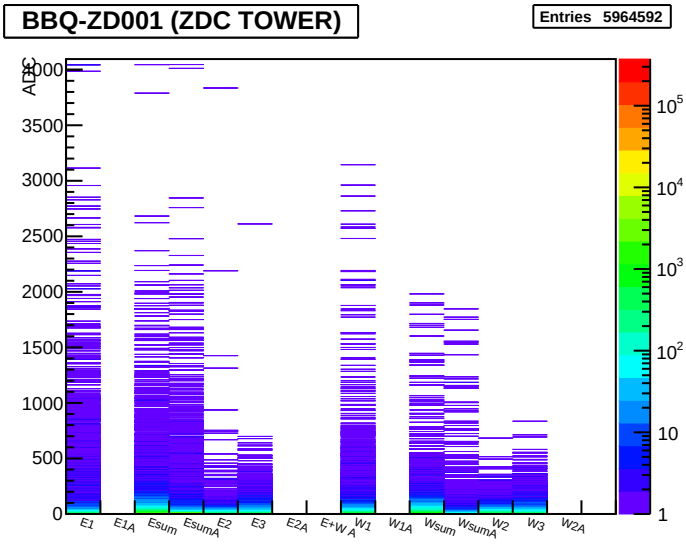

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

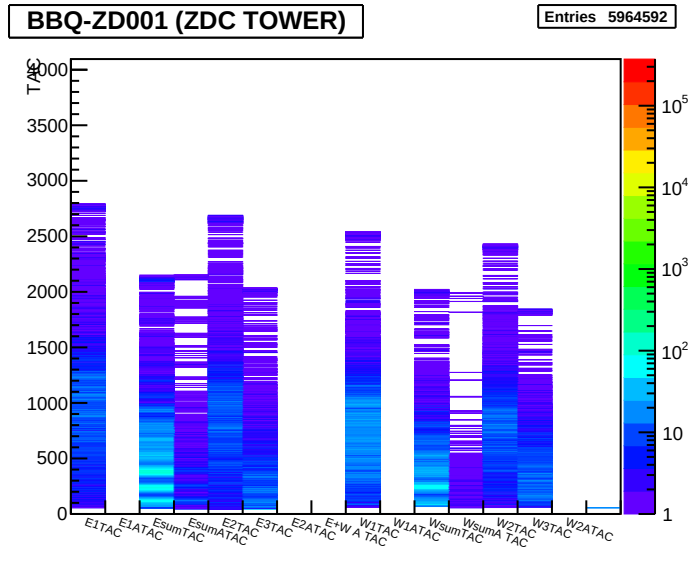

BBQ-BB001 (BBC east small tiles ADC)
Entries 5964592
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

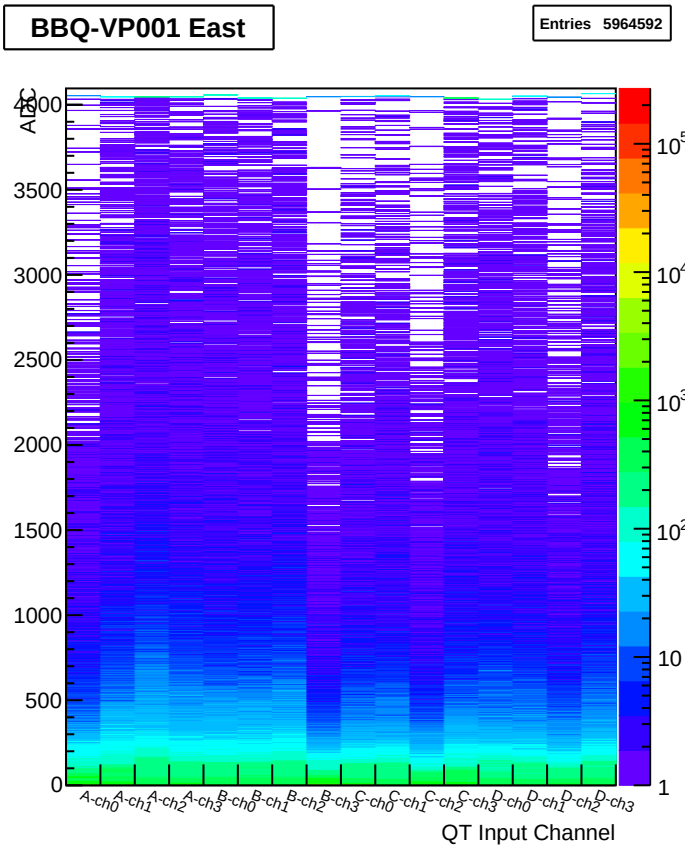

BBQ-BB001 (BBC east small tiles TAC)
Entries 5964592
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

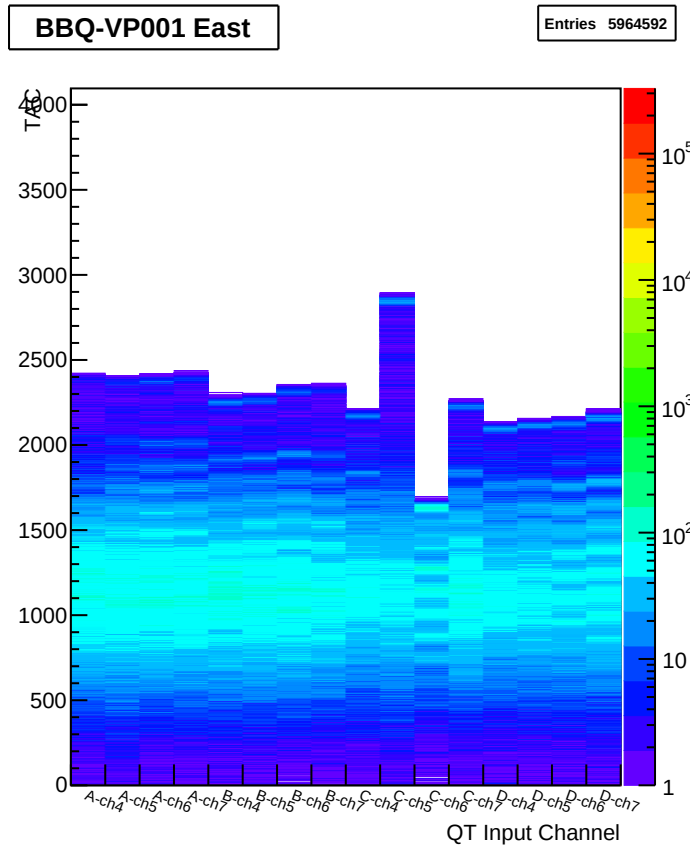

BBQ-BB002 (BBC west small tiles ADC)
Entries 5964592
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

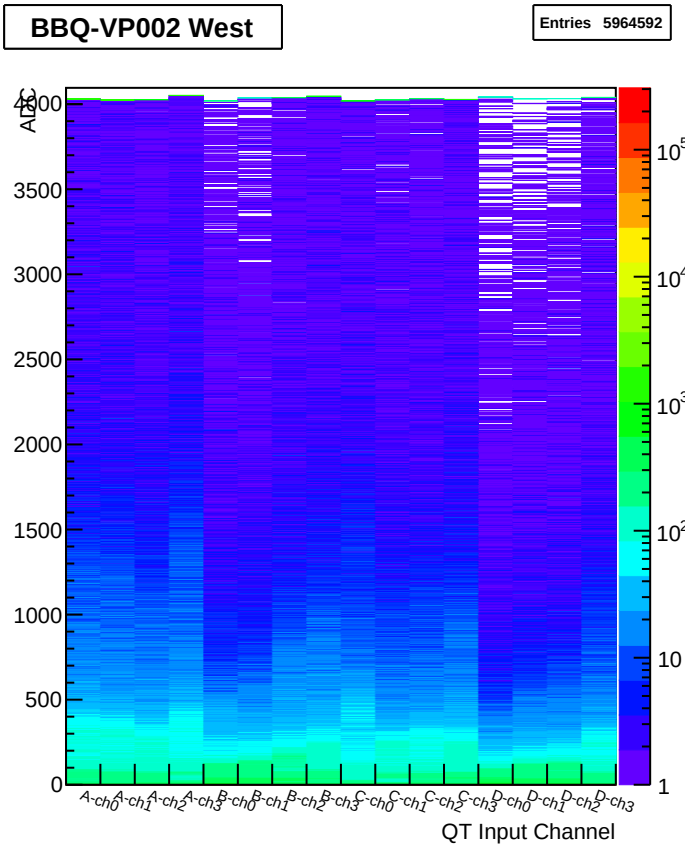

BBQ-BB002 (BBC west small tiles TAC)
Entries 5964592
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

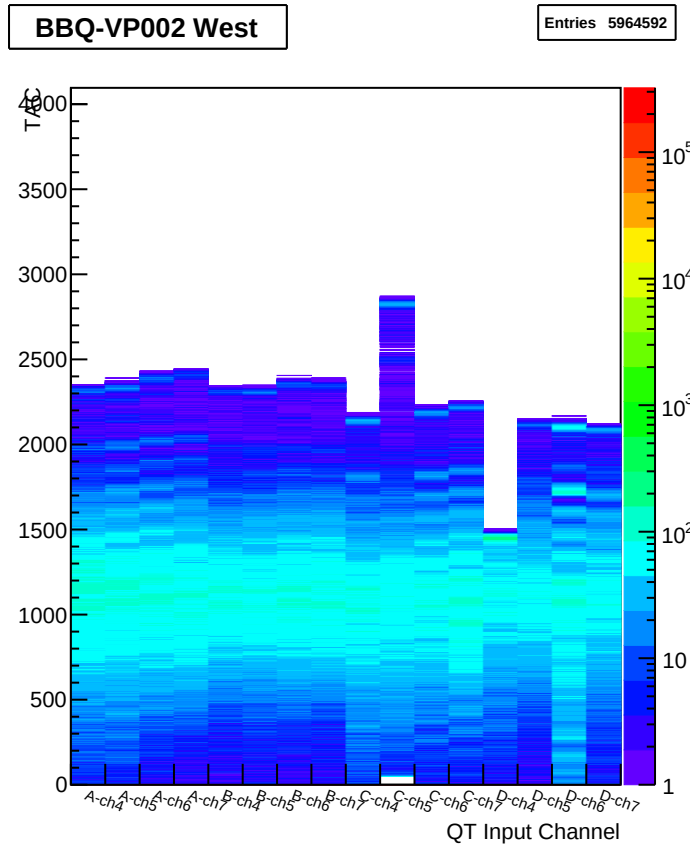

BBQ-ZD001 (ZDC TOWER)
Entries 5964592
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

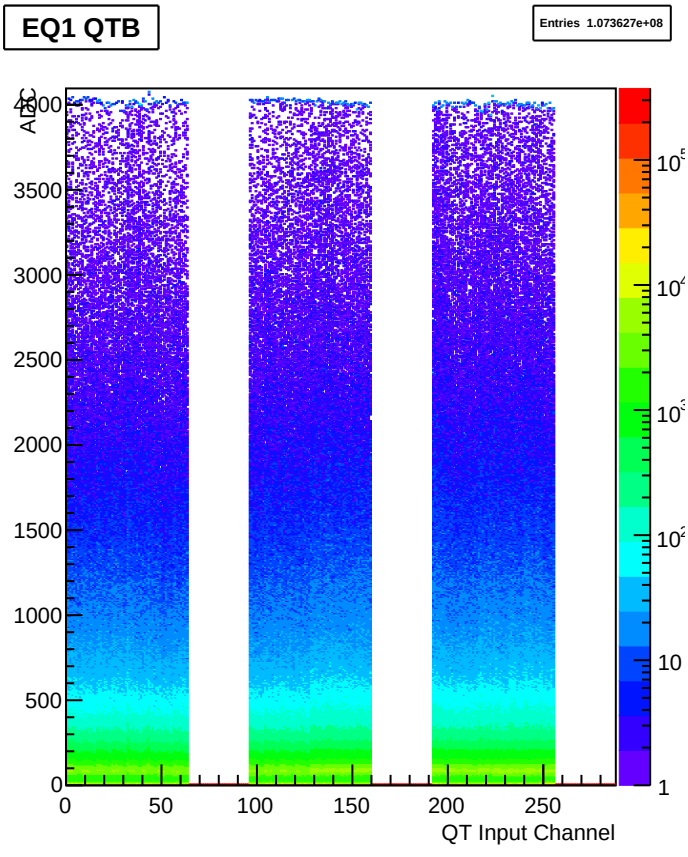

BBQ-ZD001 (ZDC TOWER)
Entries 5964592
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

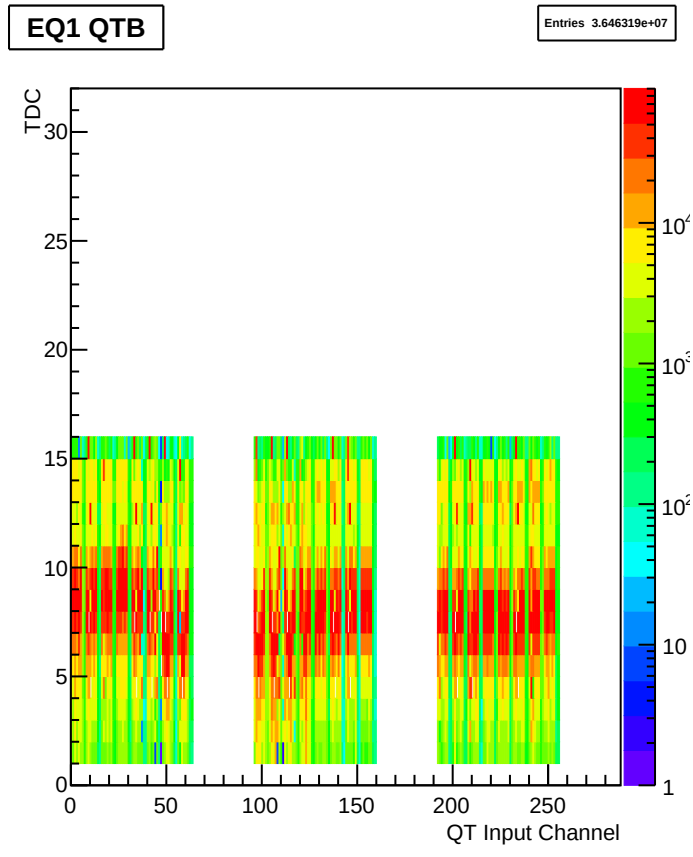

BBQ-VP001 East
Entries 5964592
ADC
QT Input Channel

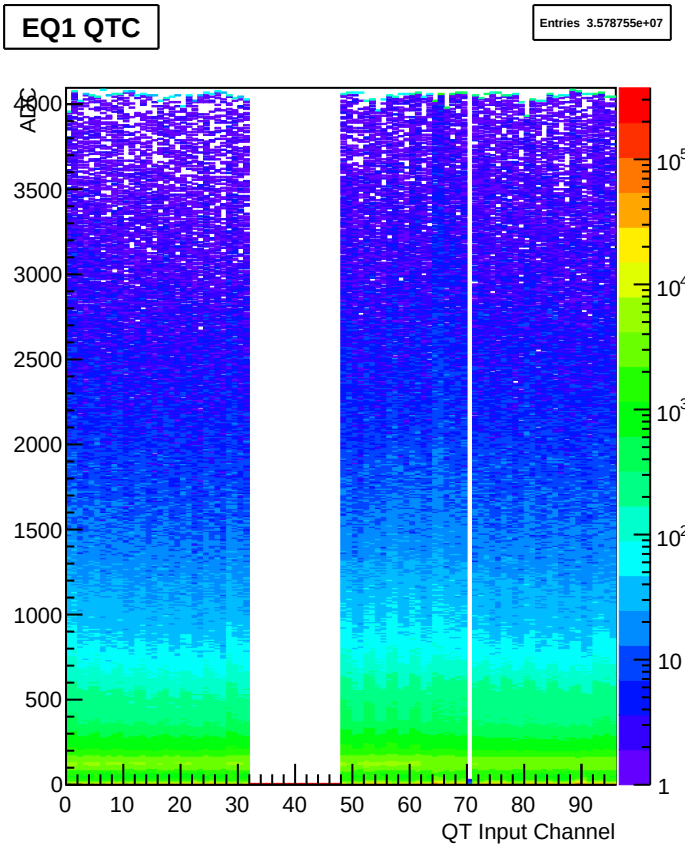

BBQ-VP001 East
Entries 5964592
TADC
QT Input Channel

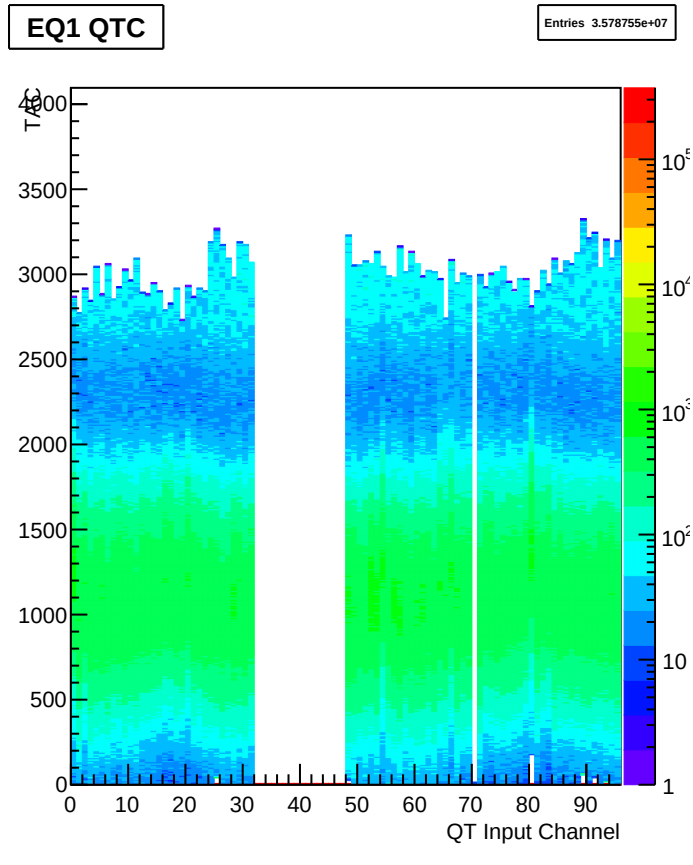

BBQ-VP002 West
Entries 5964592
ADC
QT Input Channel

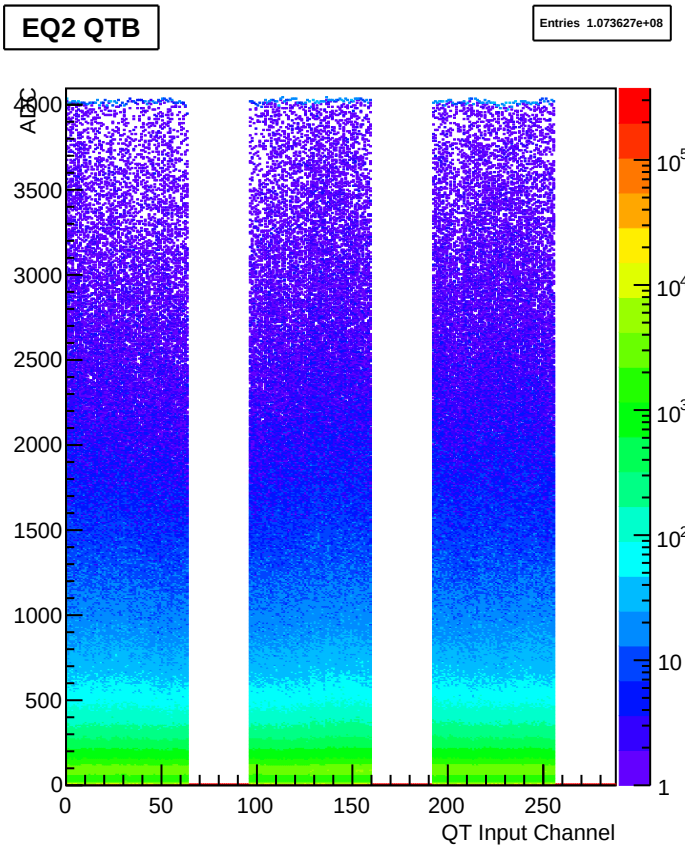

BBQ-VP002 West
Entries 5964592
TADC
QT Input Channel

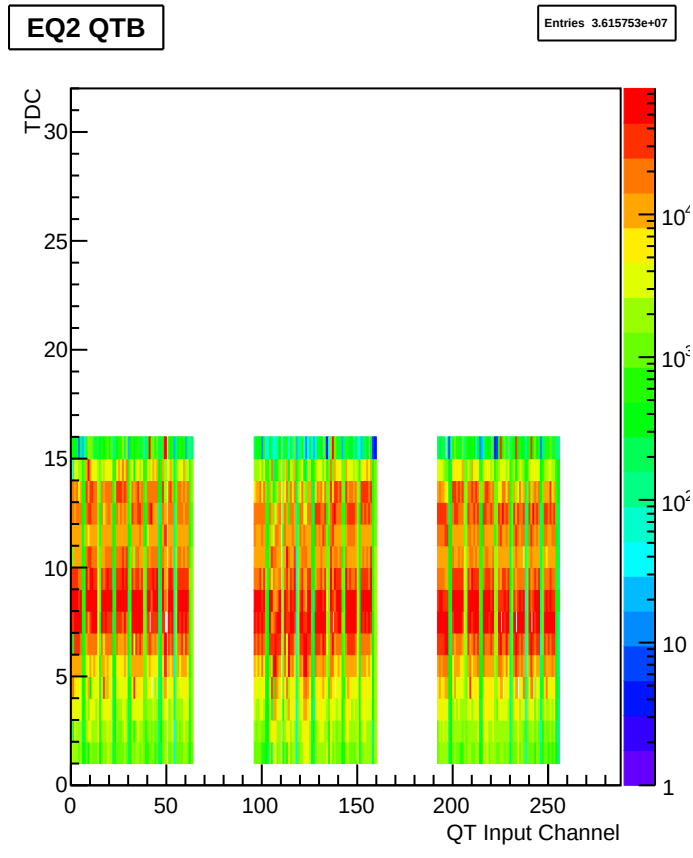

EQ1 QTB
Entries 1.073627e+08
ADC
QT Input Channel

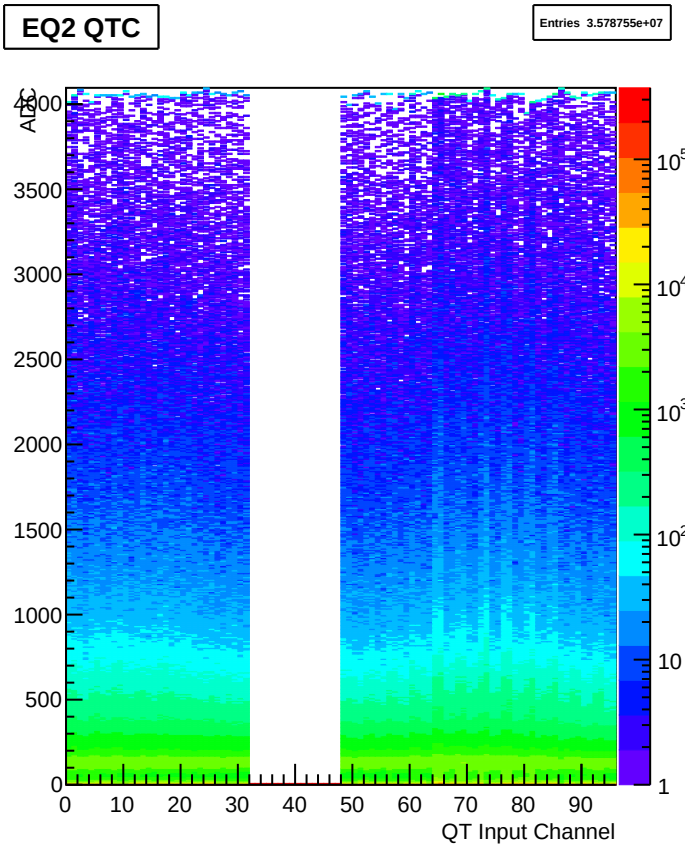

EQ1 QTB
Entries 3.646319e+07
TDC
QT Input Channel

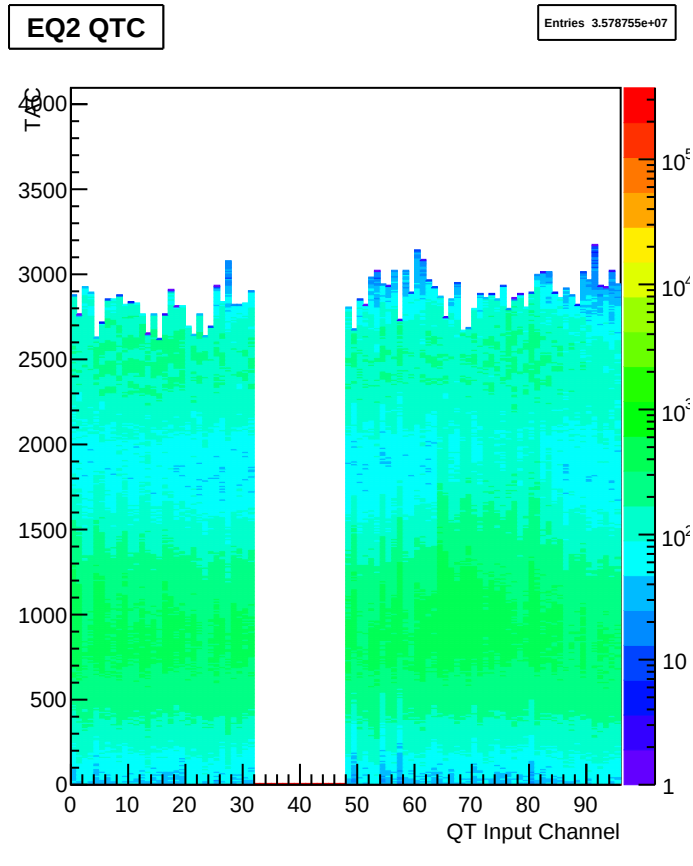

EQ1 QTC
Entries 3.578755e+07
ADC
QT Input Channel

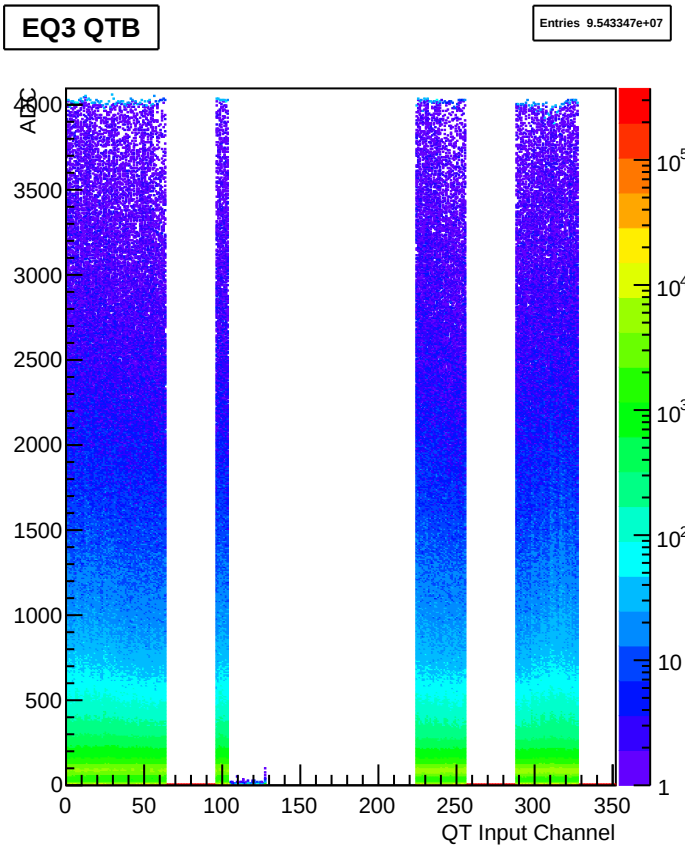

EQ1 QTC
Entries 3.578755e+07
TADC
QT Input Channel

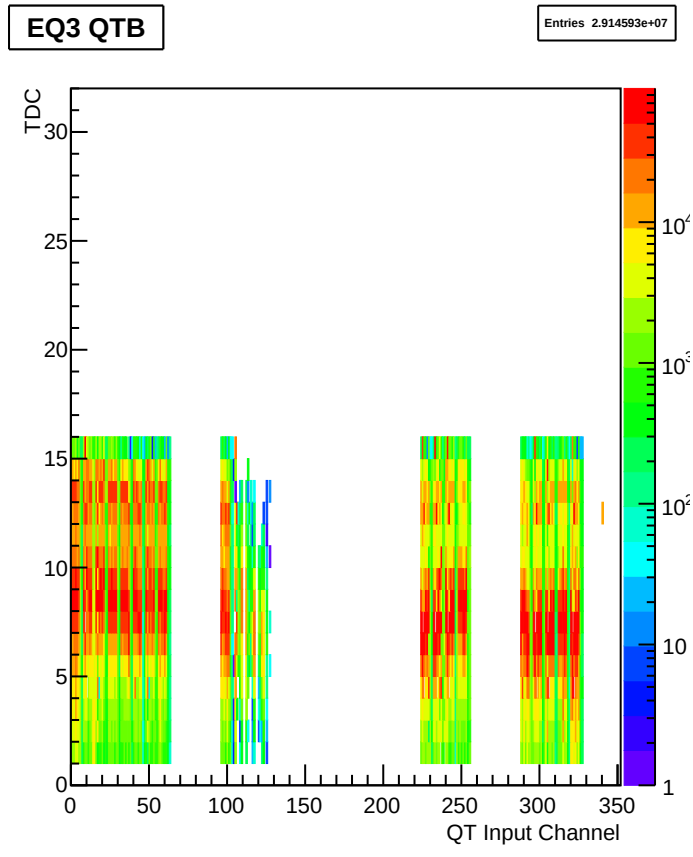

EQ2 QTB
Entries 1.073627e+08
ADC
QT Input Channel

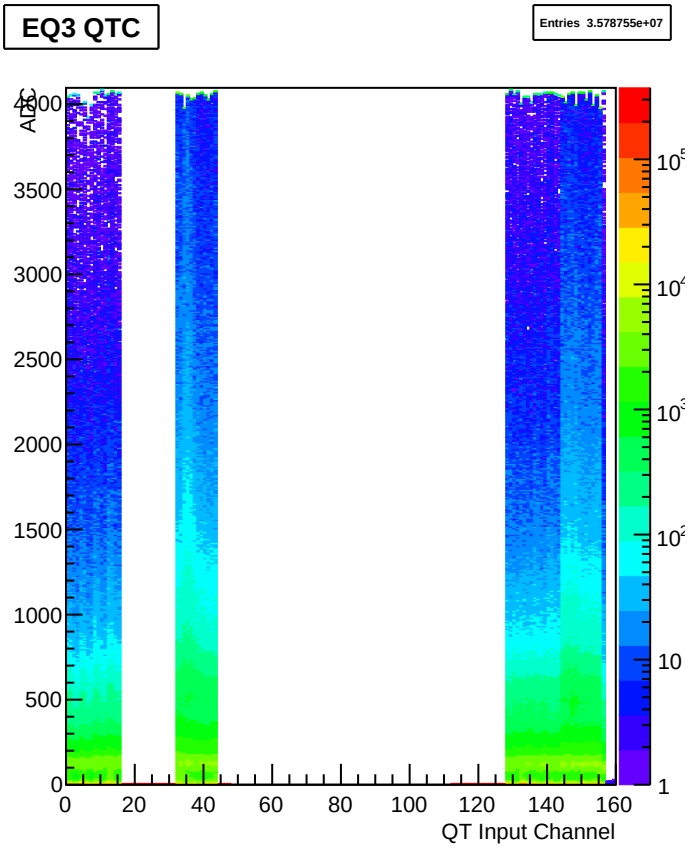

EQ2 QTB
Entries 3.615753e+07
TDC
QT Input Channel

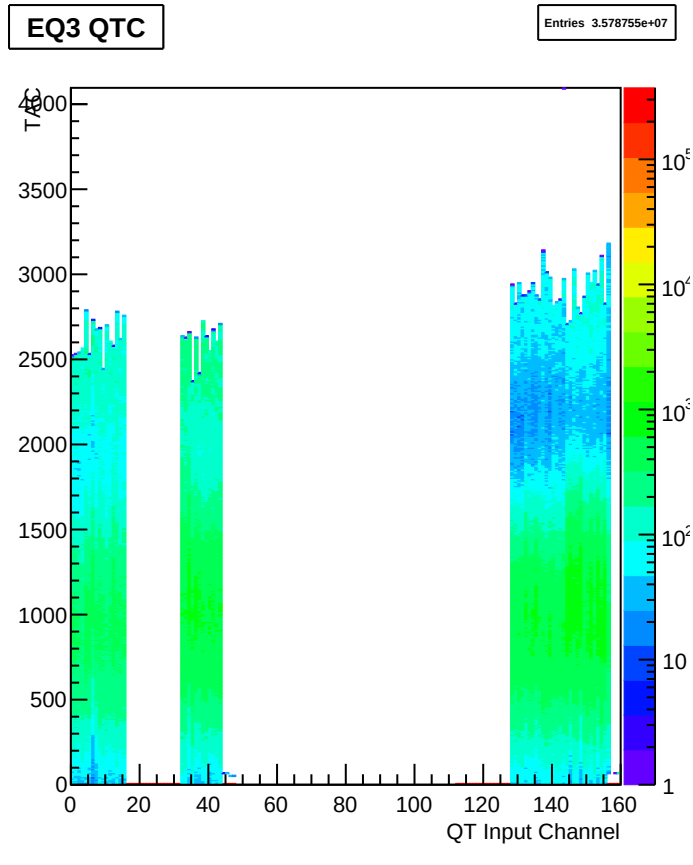

EQ2 QTC
Entries 3.578755e+07
ADC
QT Input Channel

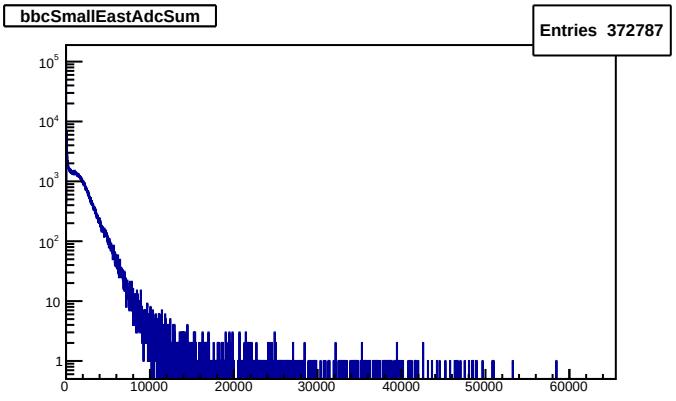

EQ2 QTC
Entries 3.578755e+07
TADC
QT Input Channel

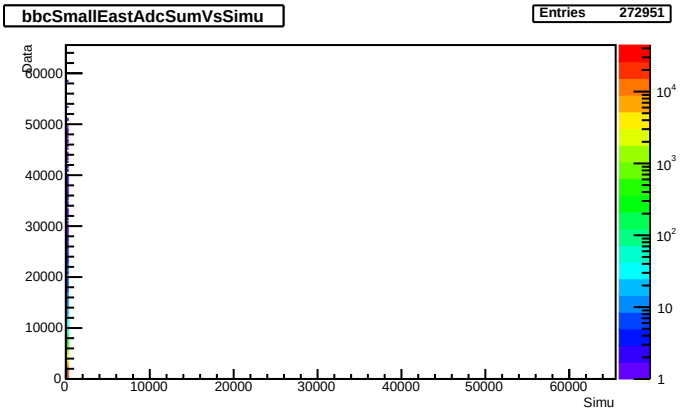

EQ3 QTB
Entries 9.543347e+07
ADC
QT Input Channel

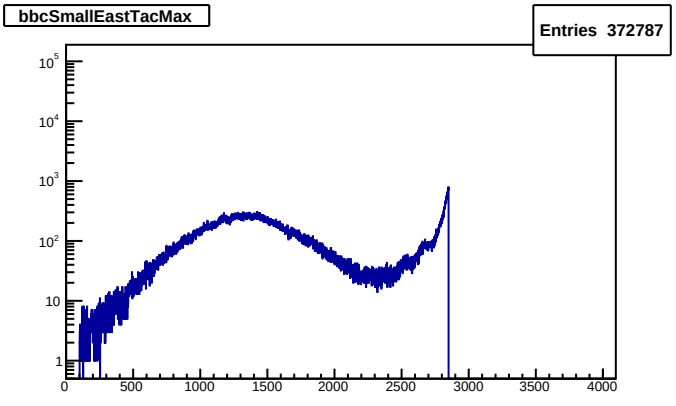

EQ3 QTB
Entries 2.914593e+07
TDC
QT Input Channel

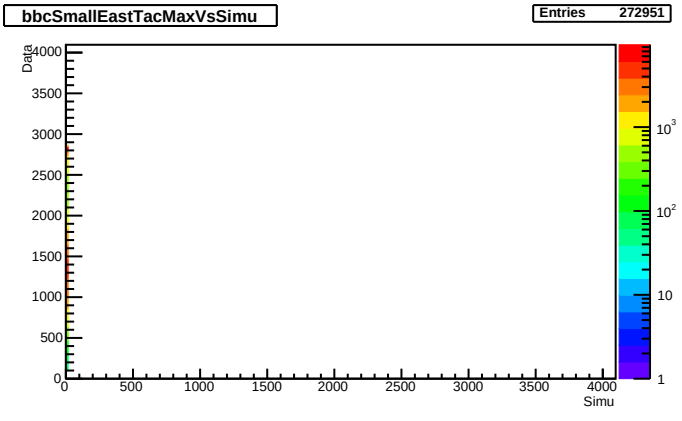

EQ3 QTC
Entries 3.578755e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.578755e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 372787


bbcSmallEastAdcSumVsSimu
Entries 272951
Data
Simu


bbcSmallEastTacMax
Entries 372787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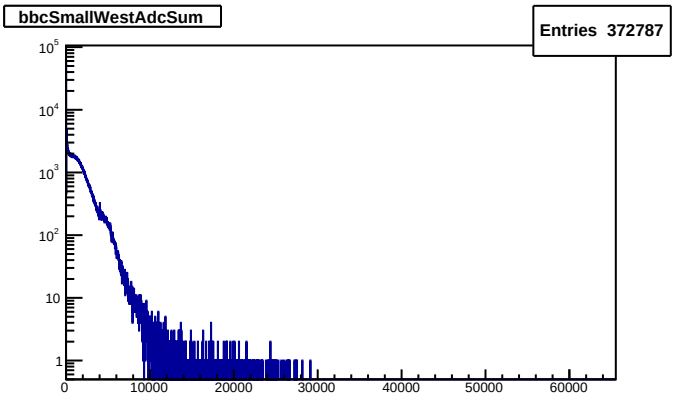
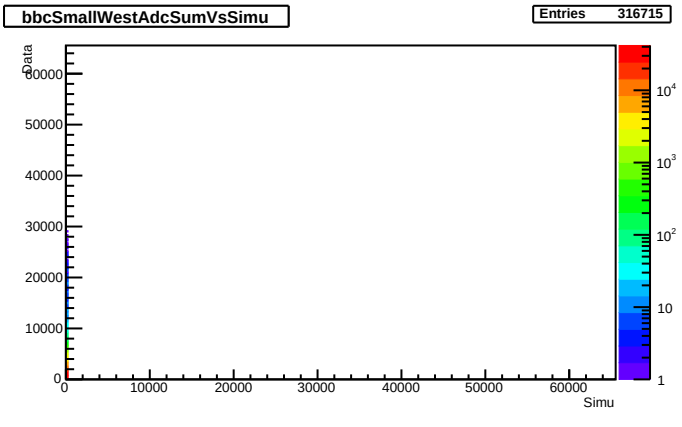
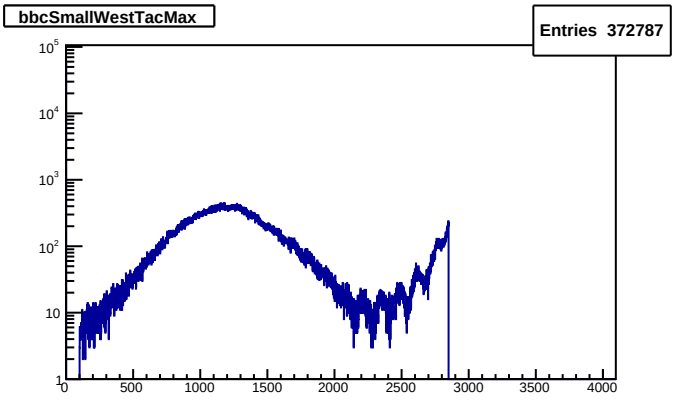
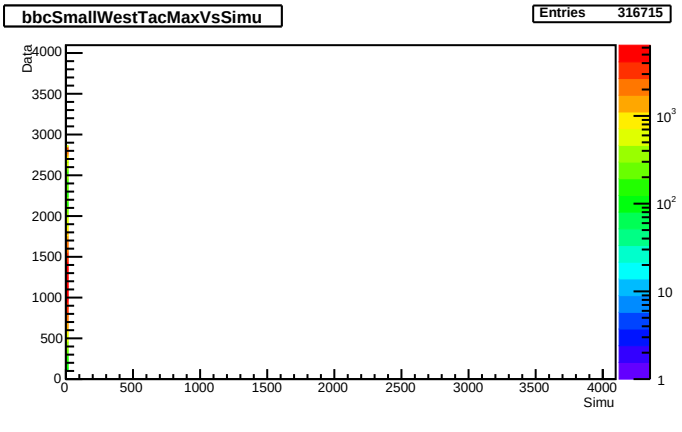
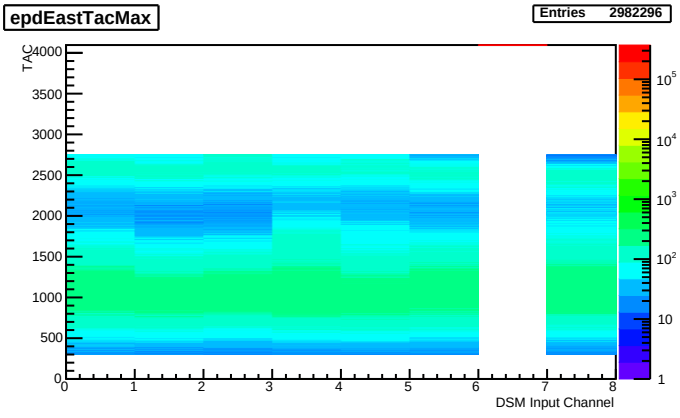
Entries 272951
Data
Simu

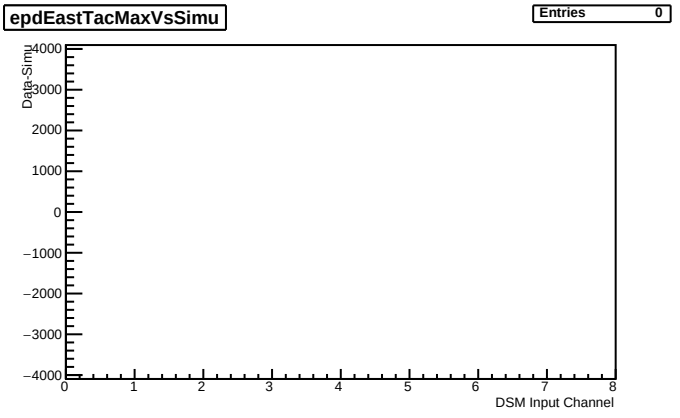

bbcSmallWestAdcSum
Entries 372787


bbcSmallWestAdcSumVsSimu
Entries 316715
Data
Simu


bbcSmallWestTacMax
Entries 372787


bbcSmallWestTacMaxVsSimu
Entries 316715
Data
Simu


epdEastTacMax
Entries 2982296
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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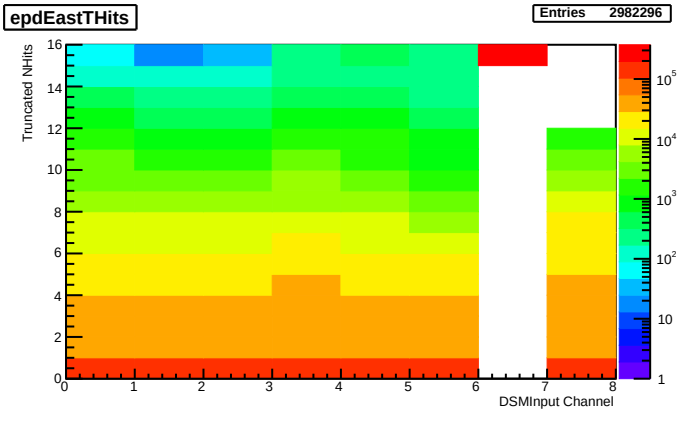
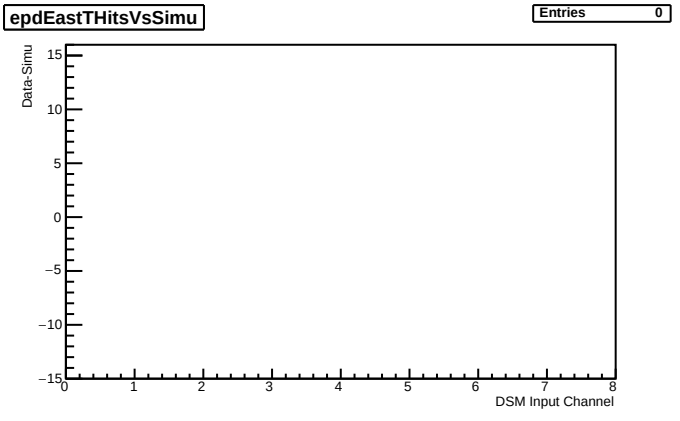

epdEastTHits
Entries 2982296
Truncated NHits
DSMInput Channel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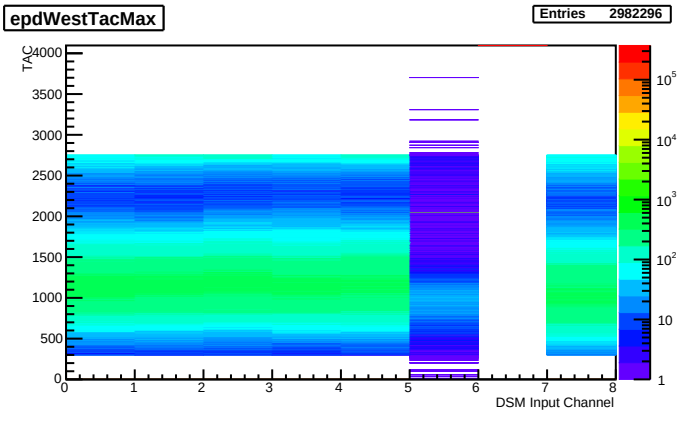
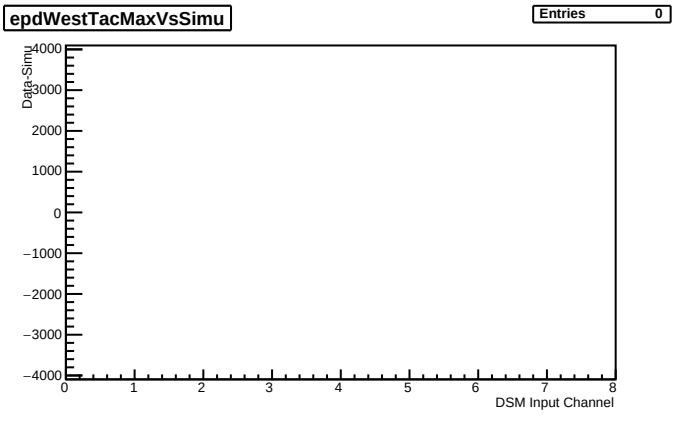
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2982296
TAC
DSM Input Channel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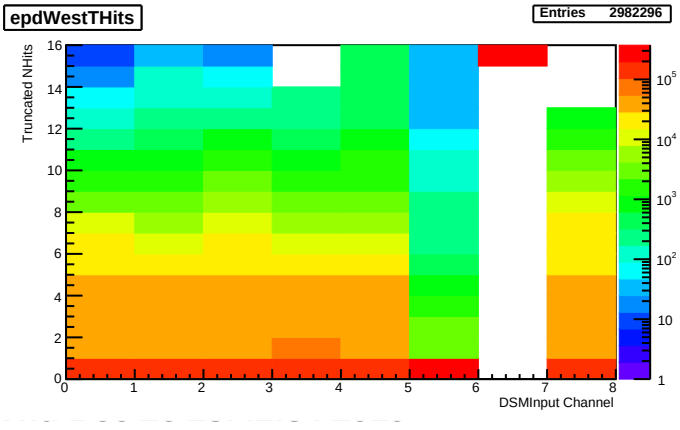
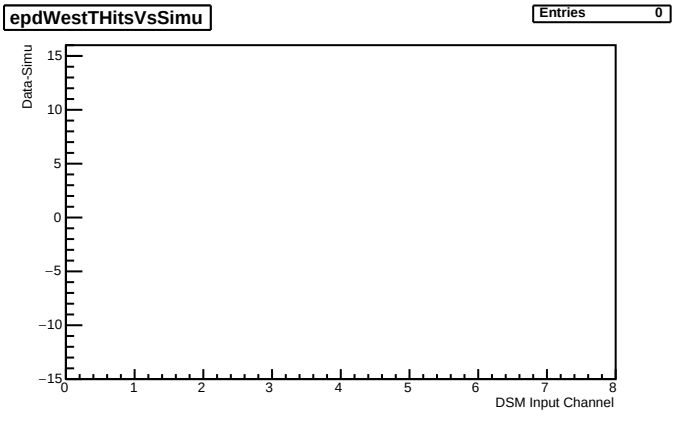
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2982296
Truncated NHits
DSMInput Channel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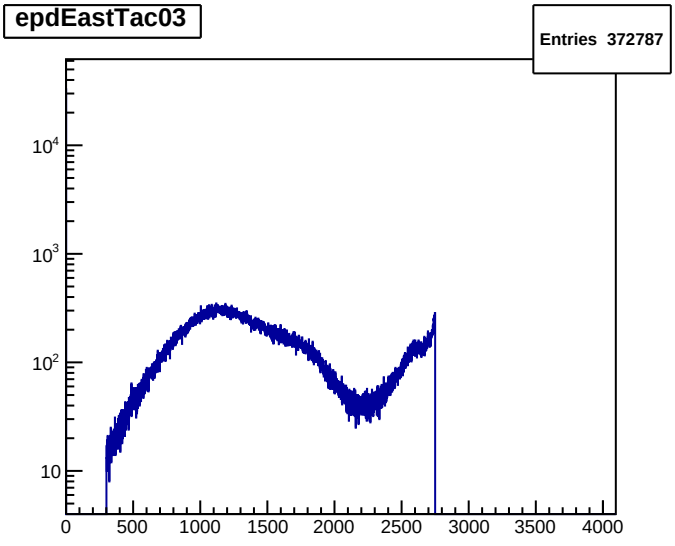
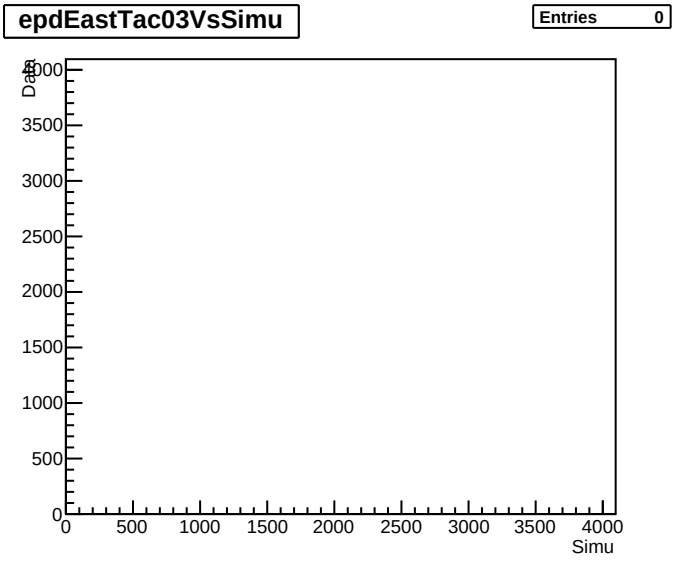
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 372787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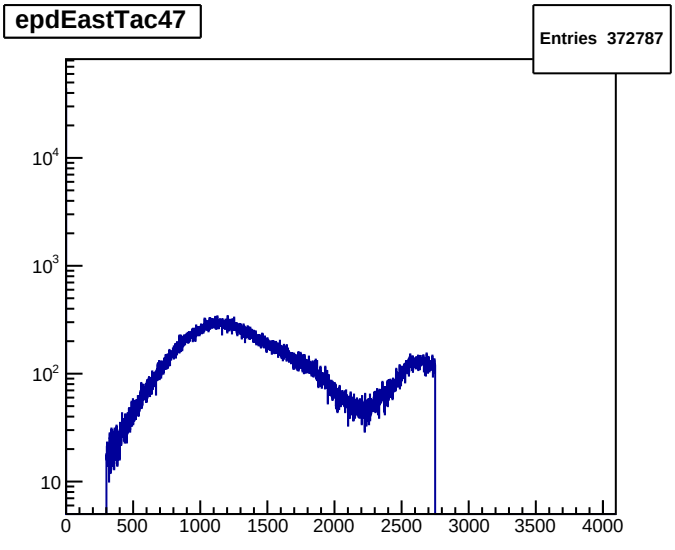
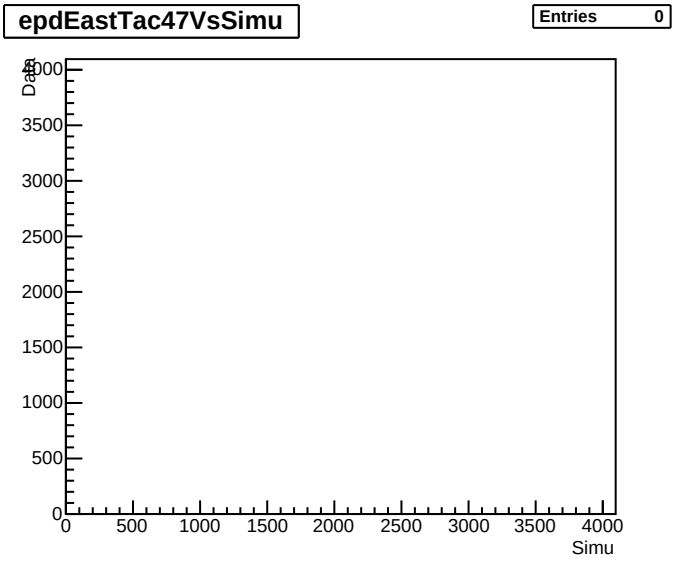
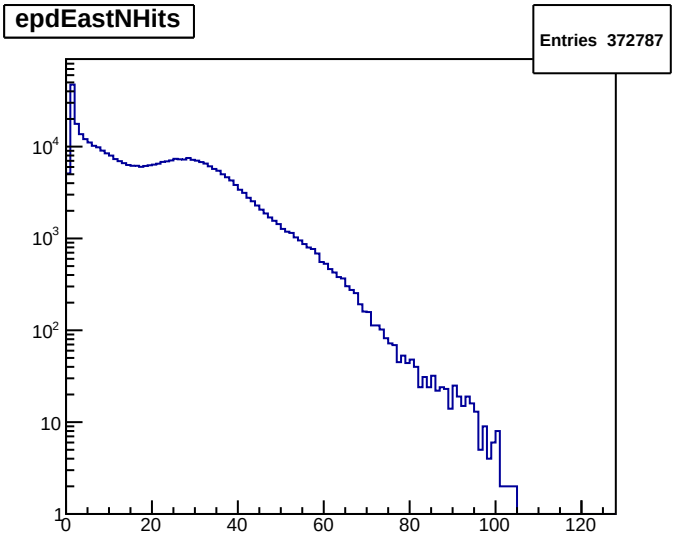
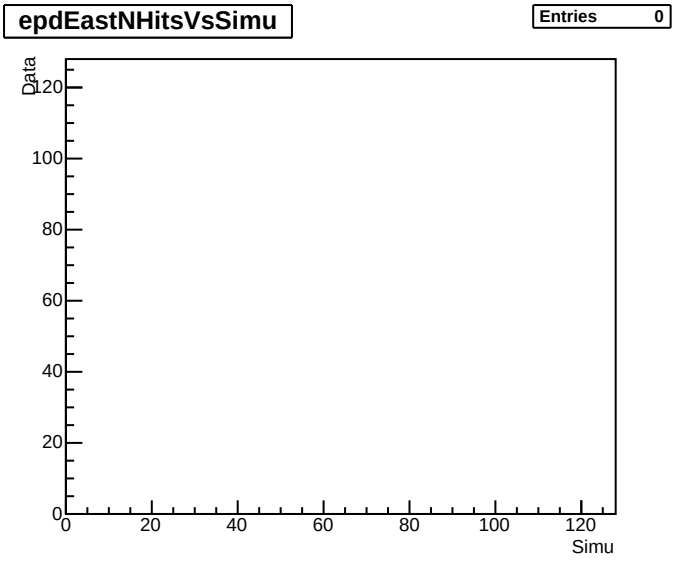
Entries 0
Data
Simu


epdEastTac47
Entries 372787


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 372787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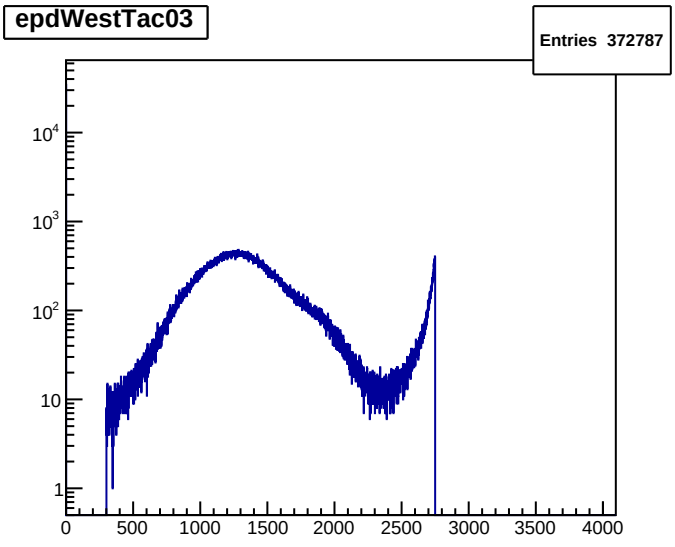
Entries 0
Data
Simu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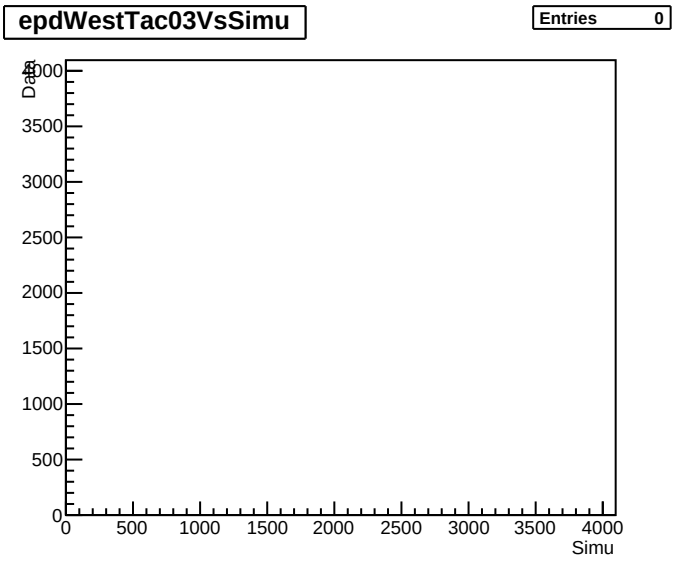
Entries 372787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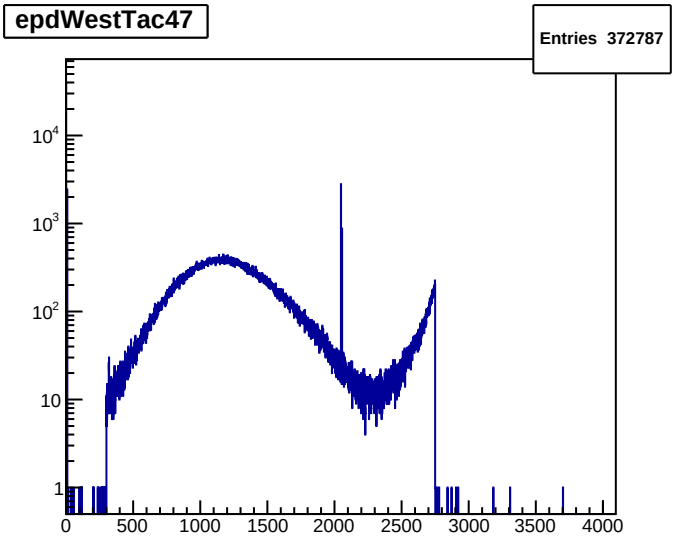
Entries 0
Data
Simu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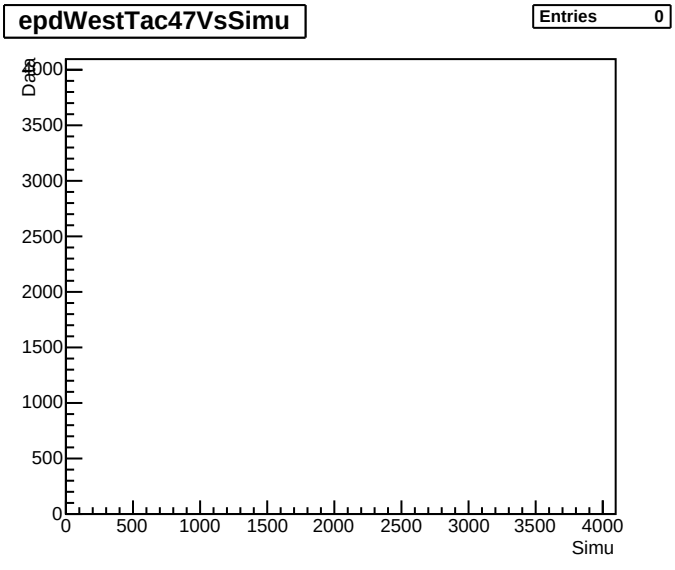
Entries 372787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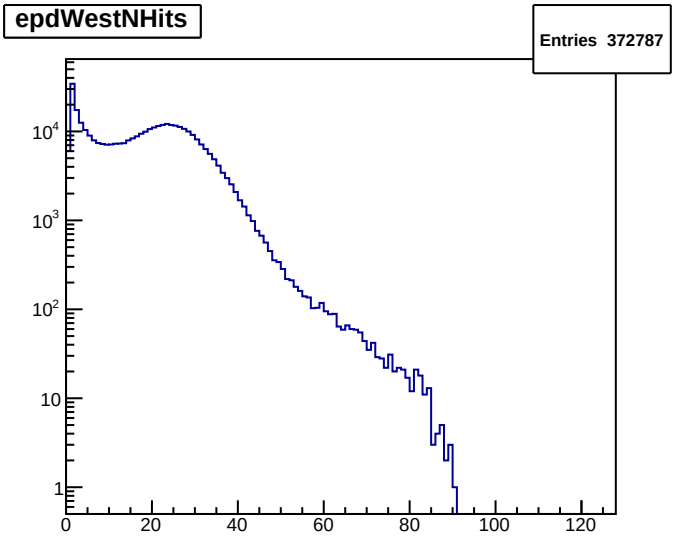
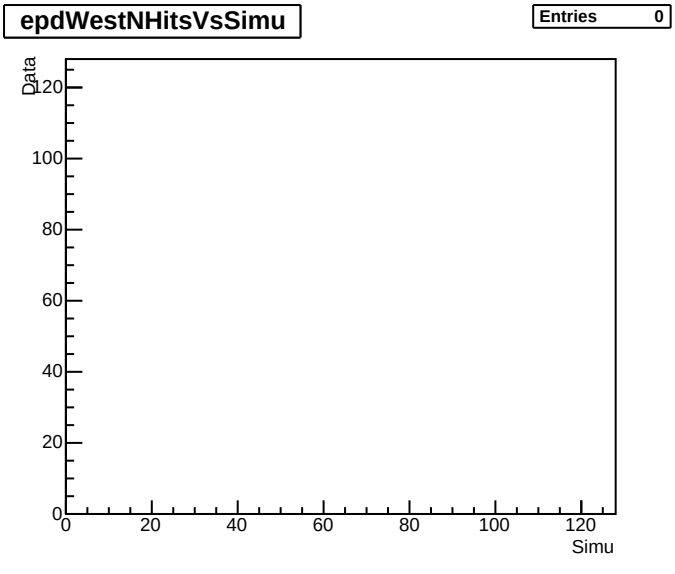
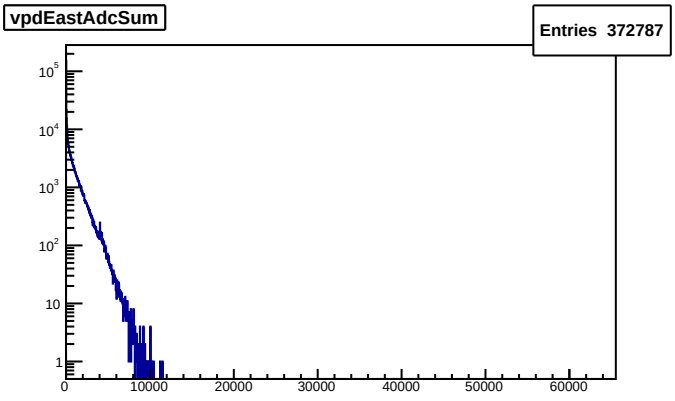
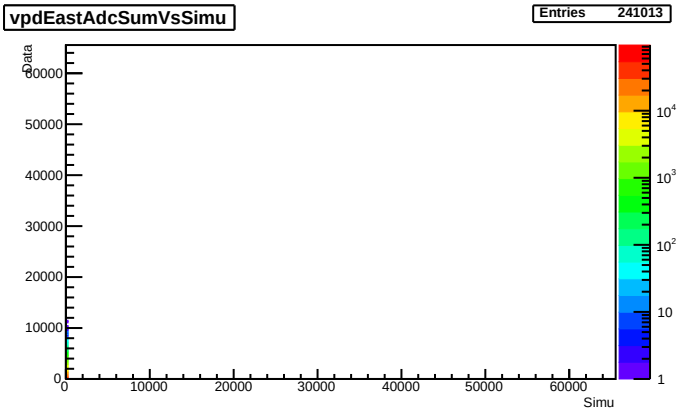
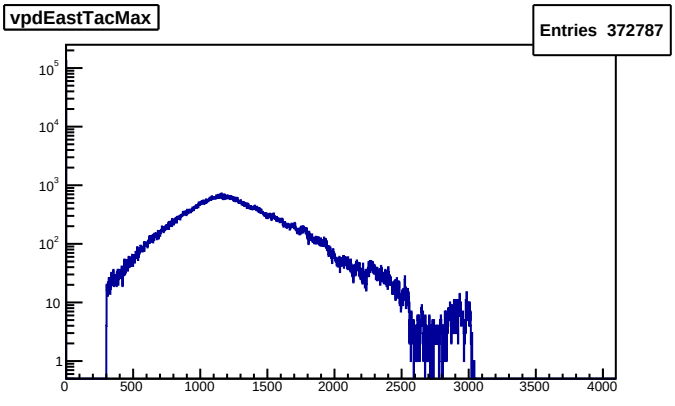
Entries 0
Data
Simu

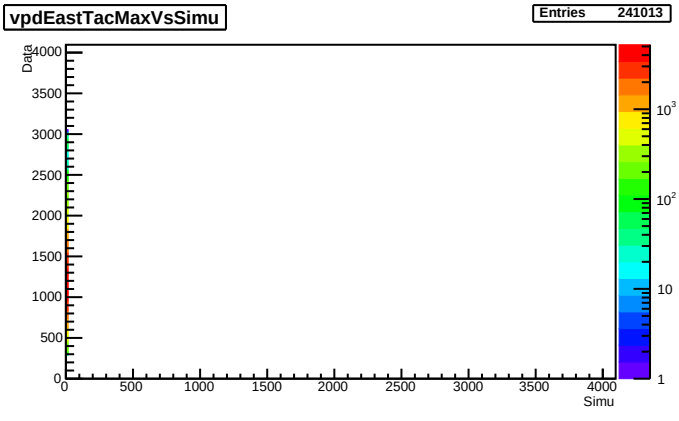

epdWestNHits
Entries 372787

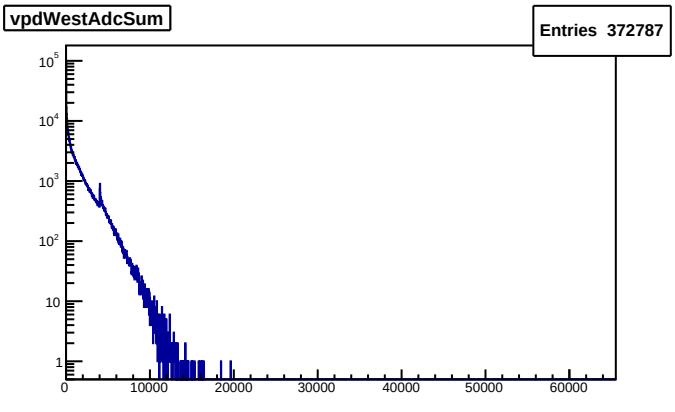

epdWestNHitsVsSimu
Entries 0
Data
Simu

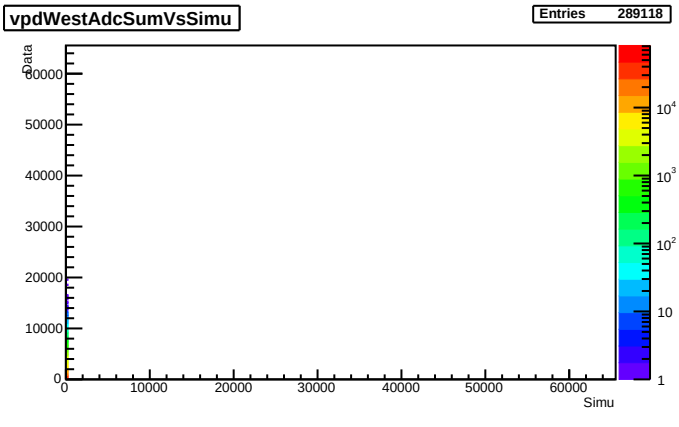

vpdEastAdcSum
Entries 372787

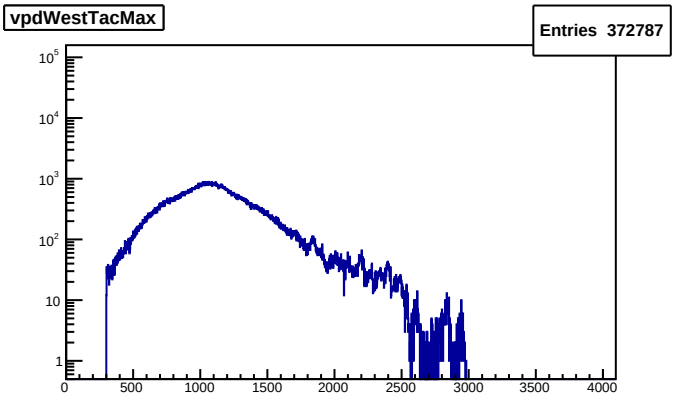

vpdEastAdcSumVsSimu
Entries 241013
Data
Simu

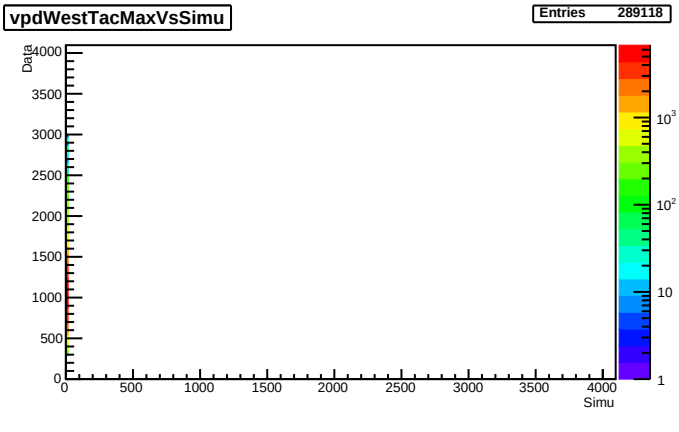

vpdEastTacMax
Entries 372787

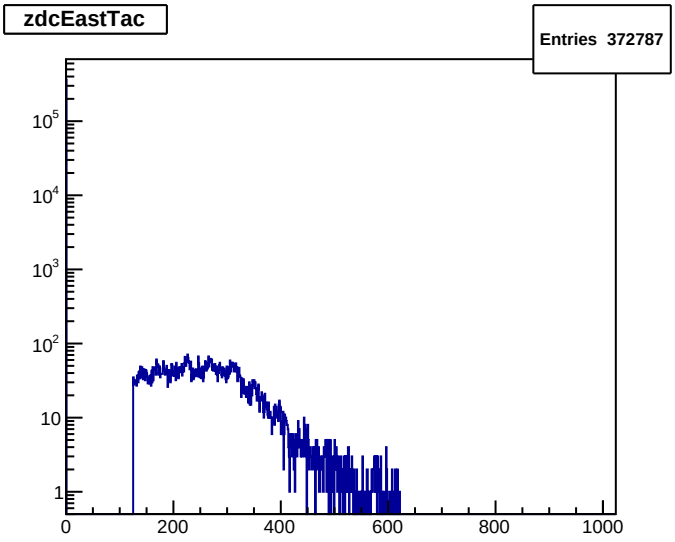

vpdEastTacMaxVsSimu
Entries 241013
Data
Simu

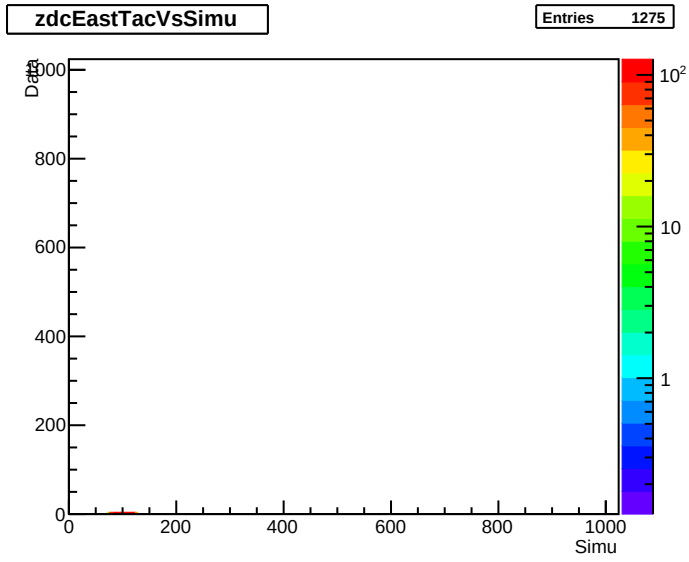

vpdWestAdcSum
Entries 372787

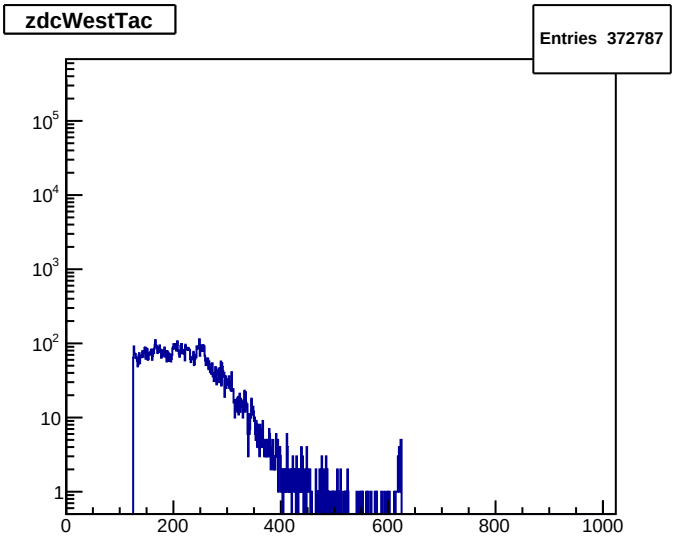

vpdWestAdcSumVsSimu
Entries 289118
Data
Simu

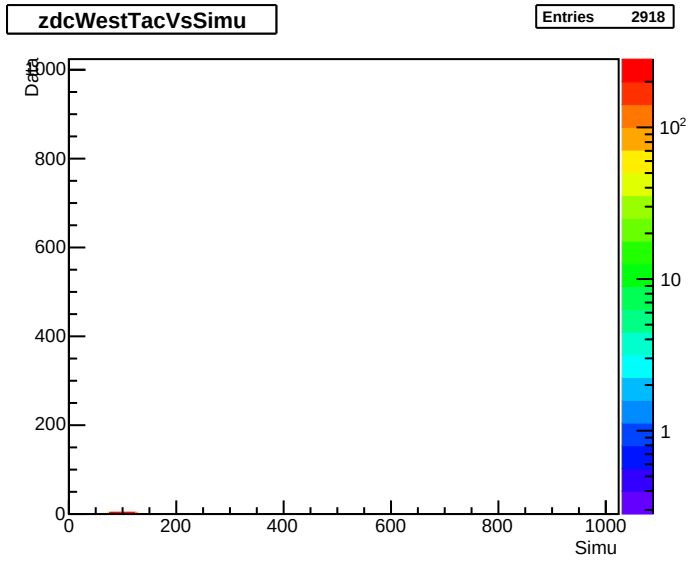

vpdWestTacMax
Entries 372787

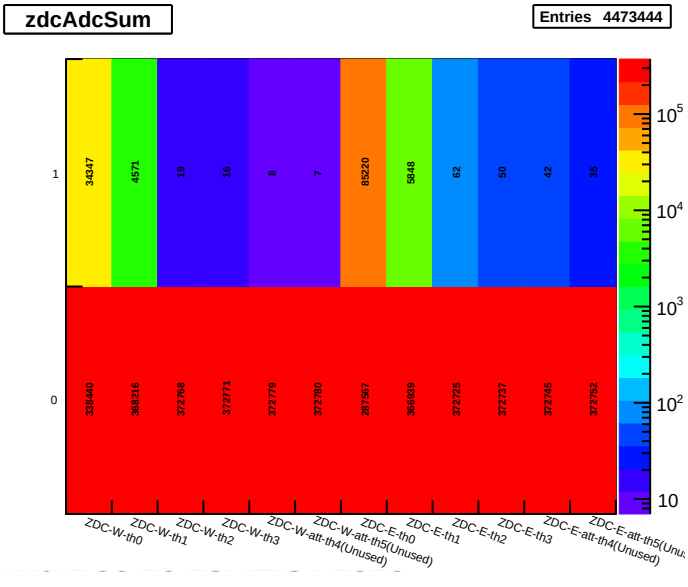

vpdWestTacMaxVsSimu
Entries 289118
Data
Simu

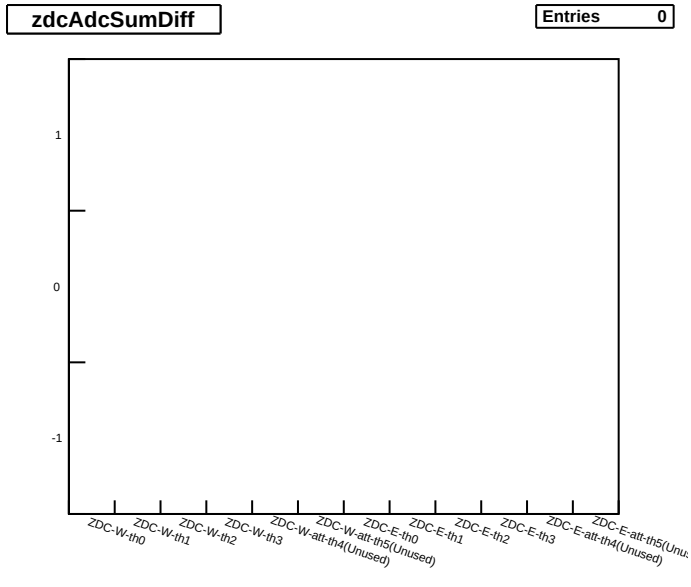

zdcEastTac
Entries 372787

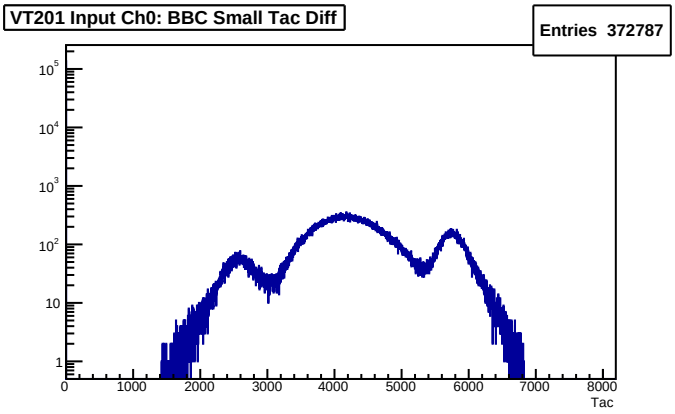

zdcEastTacVsSimu
Entries 1275
Data
Simu

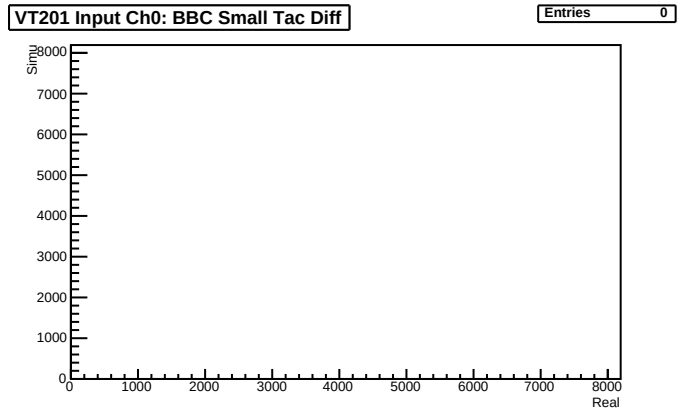

zdcWestTac
Entries 372787

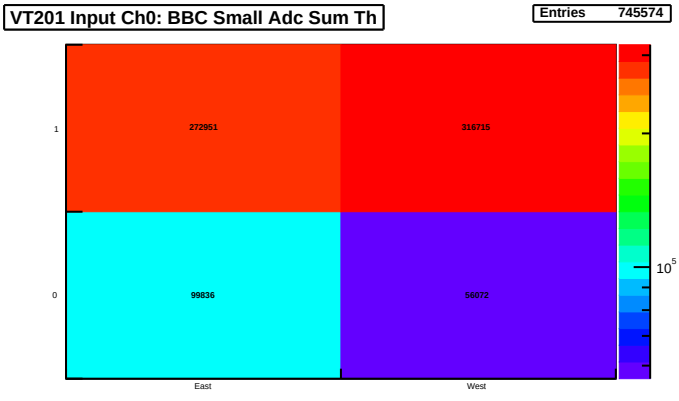

zdcWestTacVsSimu
Entries 2918
Data
Simu

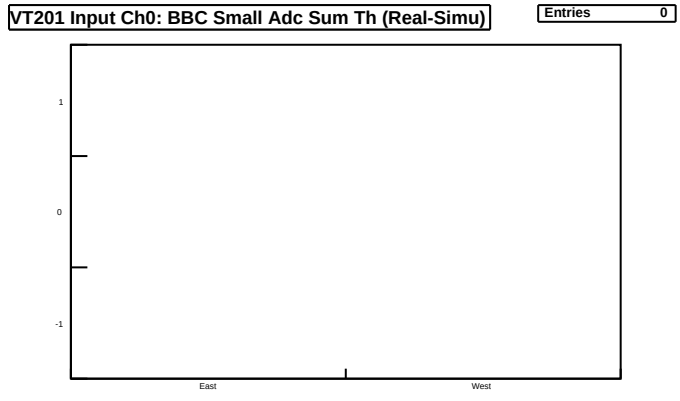

zdcAdcSum
Entries 4473444
34347
4571
19
16
8
7
85220
5848
62
50
42
35
338440
368216
372768
372771
372779
372780
287567
366899
372725
372737
372745
372752
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

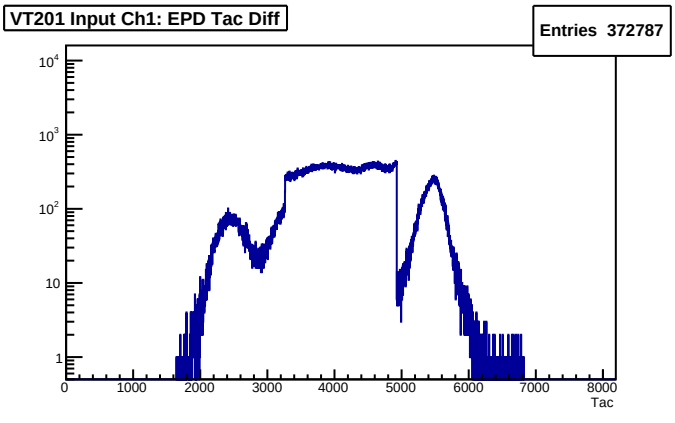

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

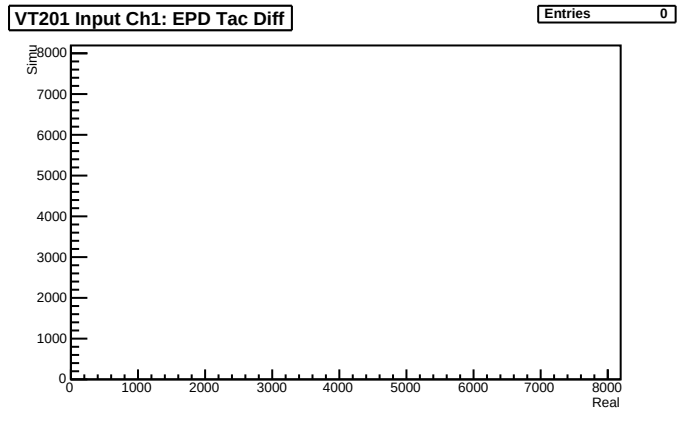

VT201 Input Ch0: BBC Small Tac Diff
Entries 372787
Tac

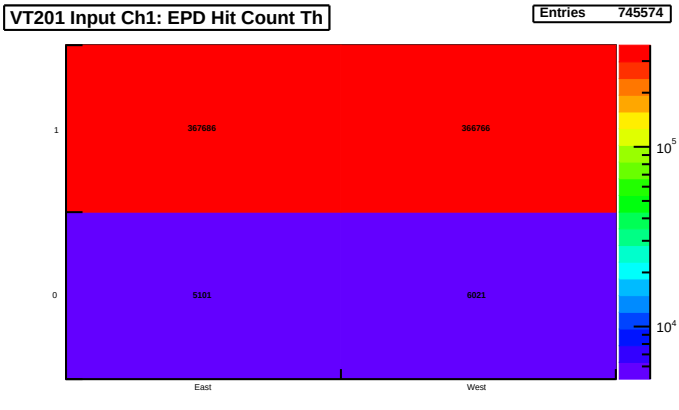

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

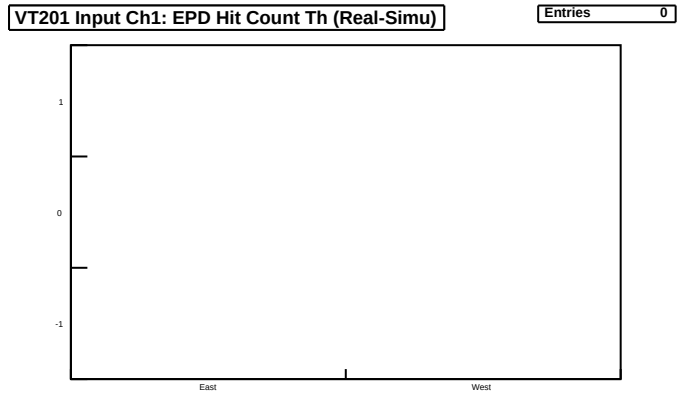

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 745574
272951
316715
99836
56072
East
West

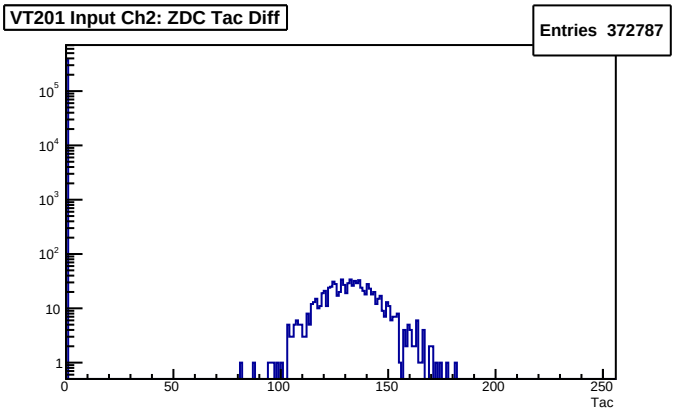

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

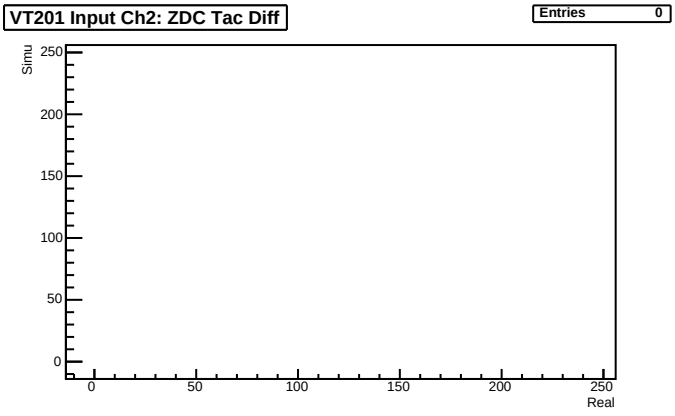

VT201 Input Ch1: EPD Tac Diff
Entries 372787
Tac

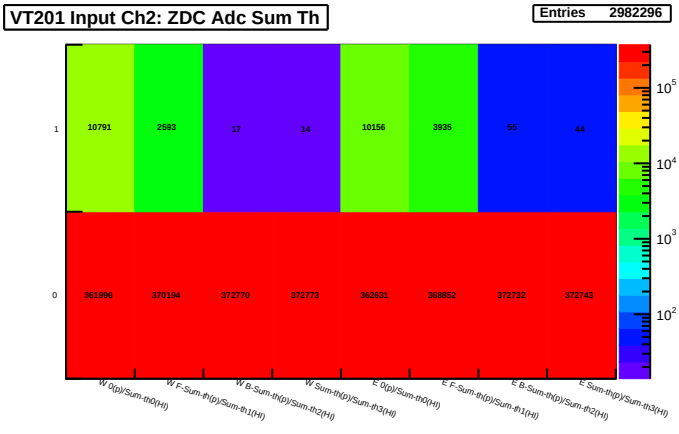

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

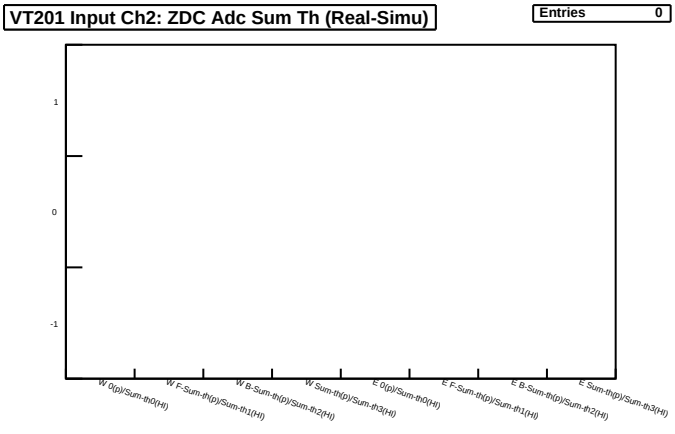

VT201 Input Ch1: EPD Hit Count Th
Entries 745574
367686
366766
5101
6021
East
West

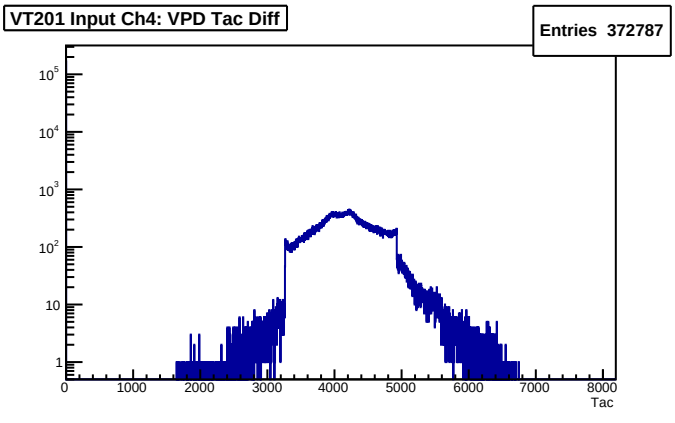

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

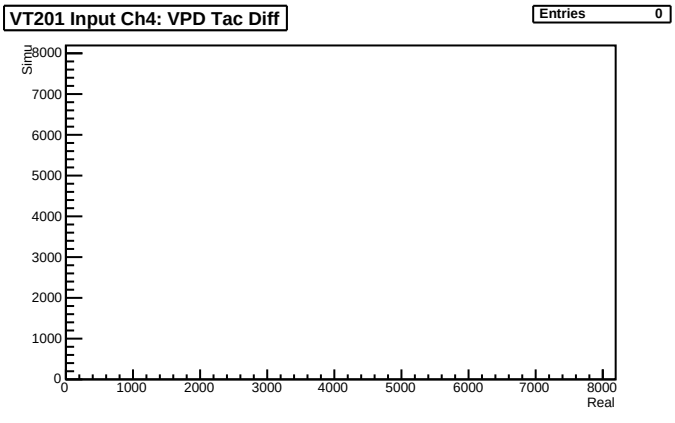

VT201 Input Ch2: ZDC Tac Diff
Entries 372787
Tac

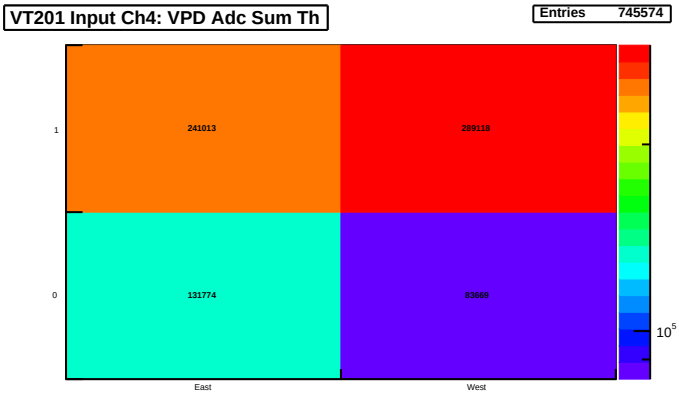

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

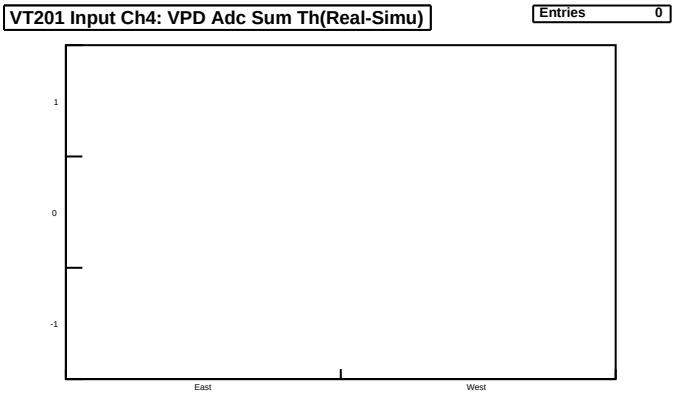

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2982296
10791
2593
17
14
10156
3935
55
44
361996
370194
372770
372773
362631
368852
372732
372743
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

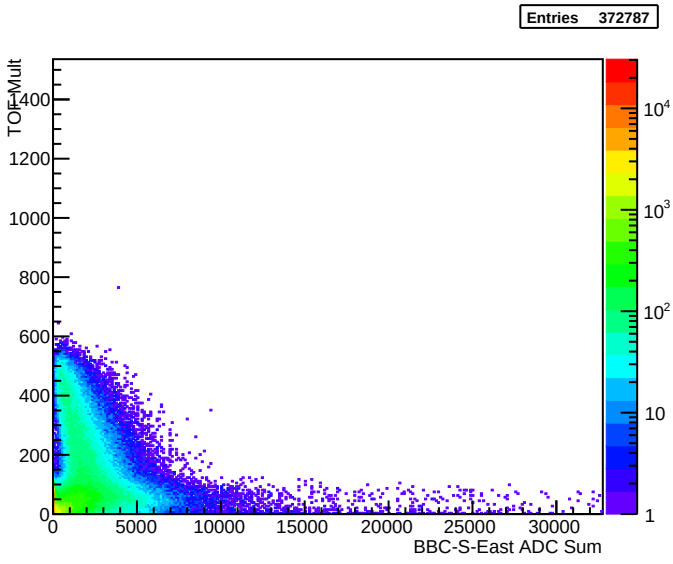

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

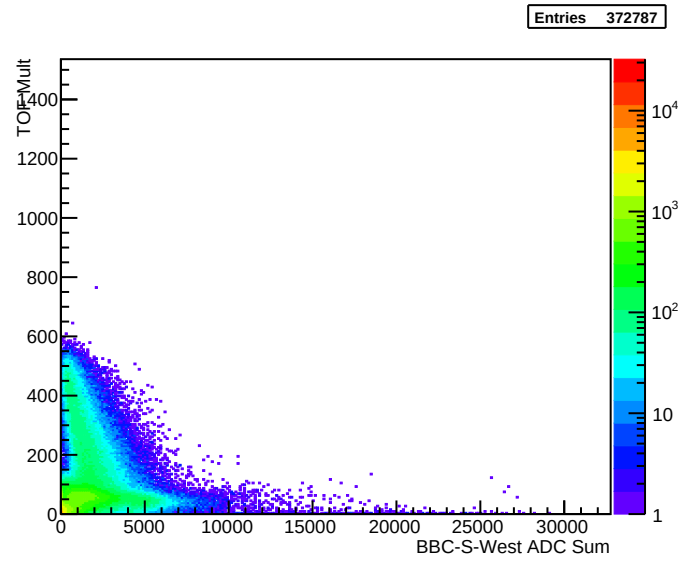

VT201 Input Ch4: VPD Tac Diff
Entries 372787
Tac

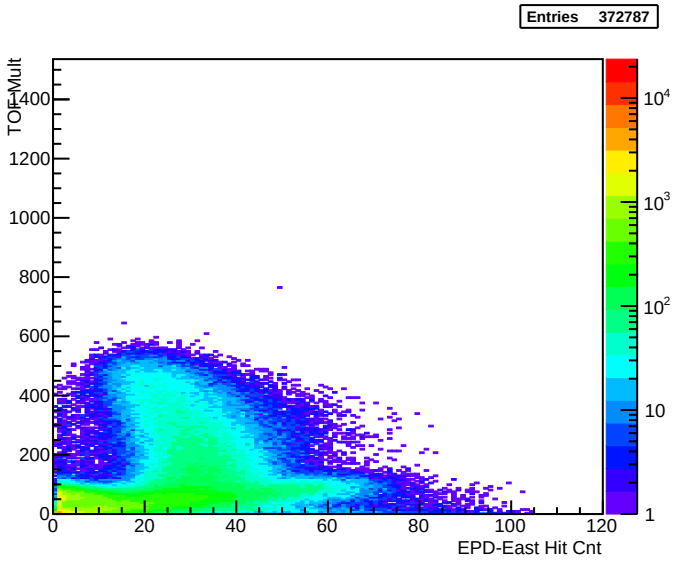

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

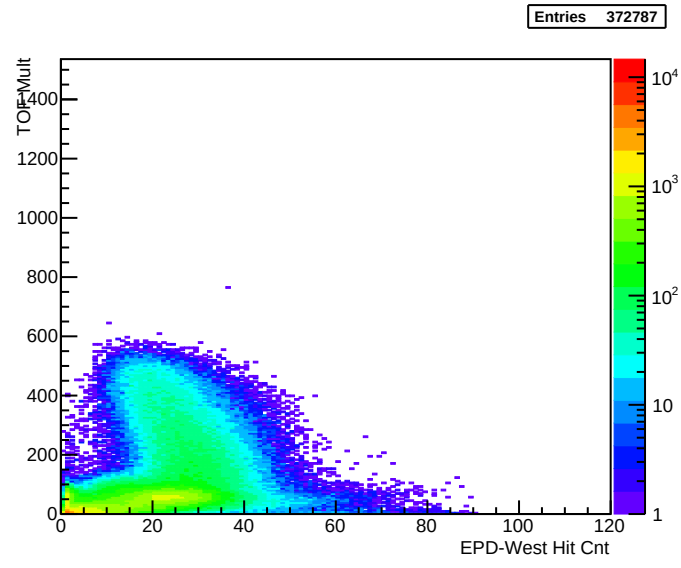

VT201 Input Ch4: VPD Adc Sum Th
Entries 745574
241013
289118
131774
83669
East
West

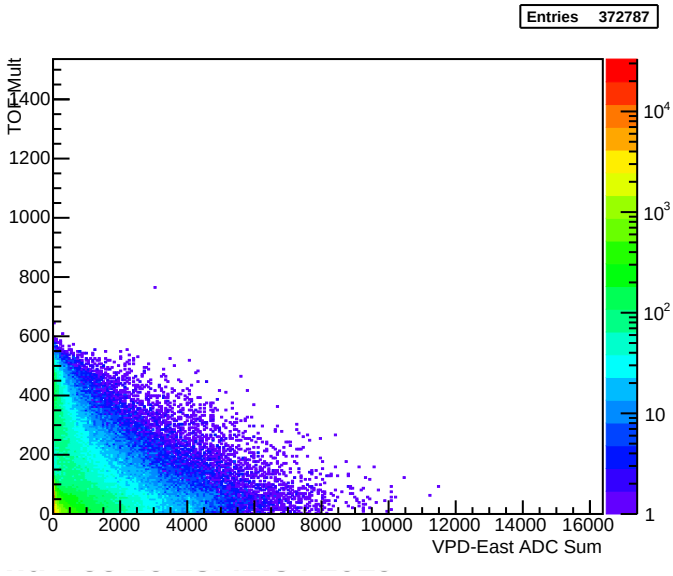

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

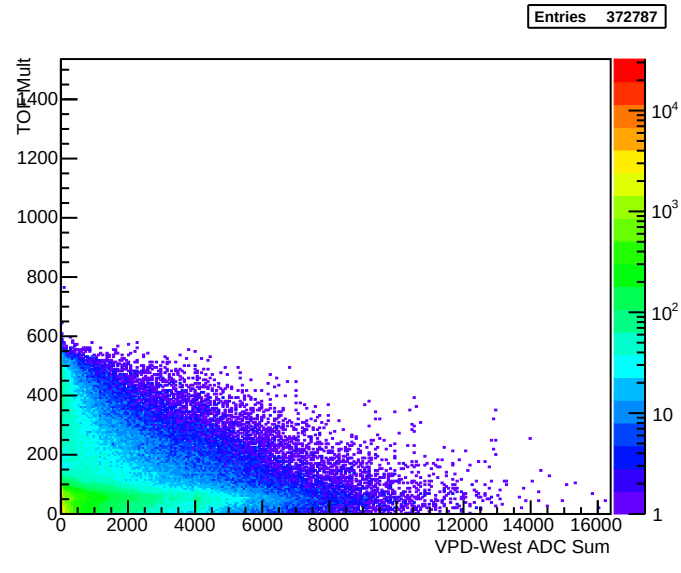

Entries 372787
TOF-Mult
BBC-S-East ADC Sum

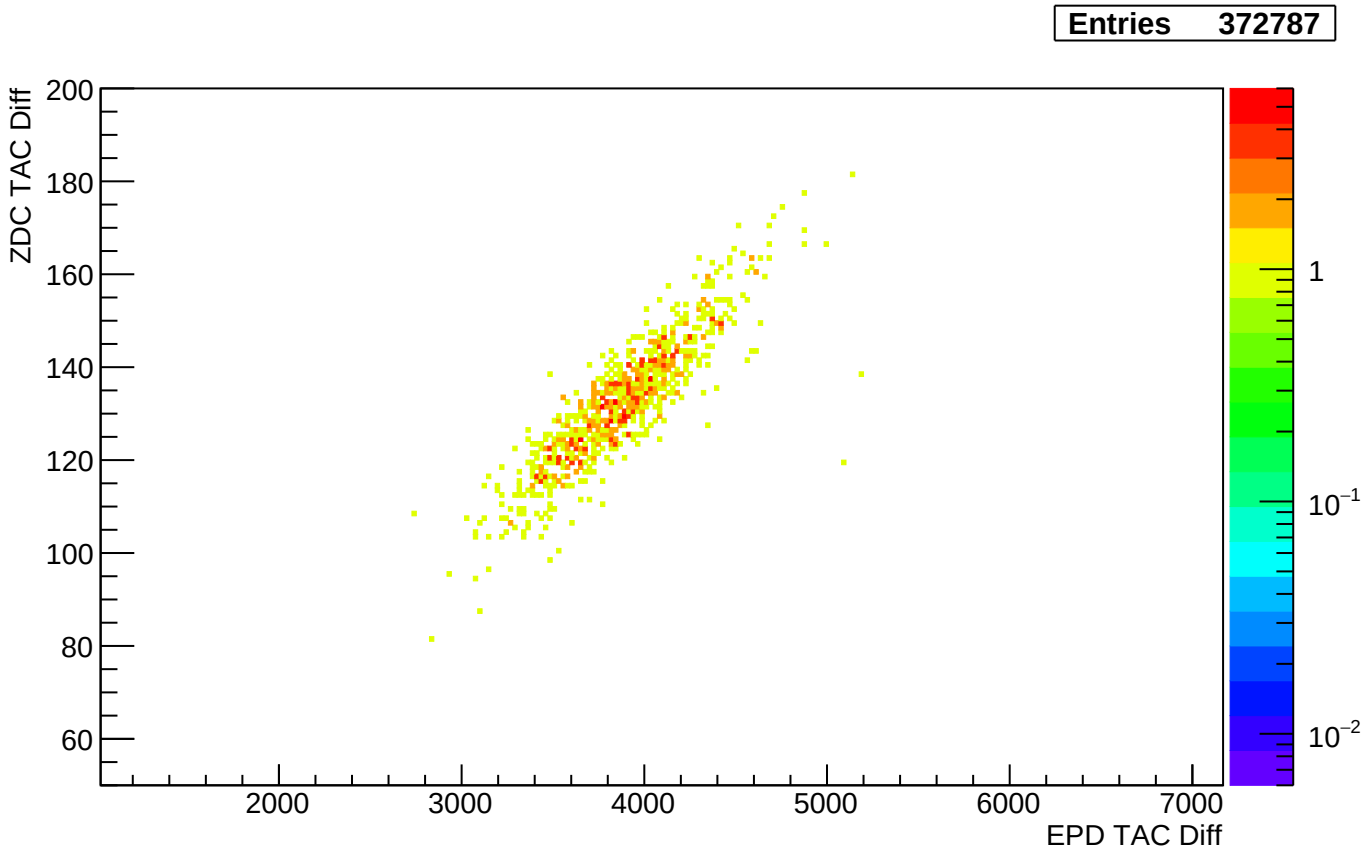

Entries 372787
TOF-Mult
BBC-S-West ADC Sum

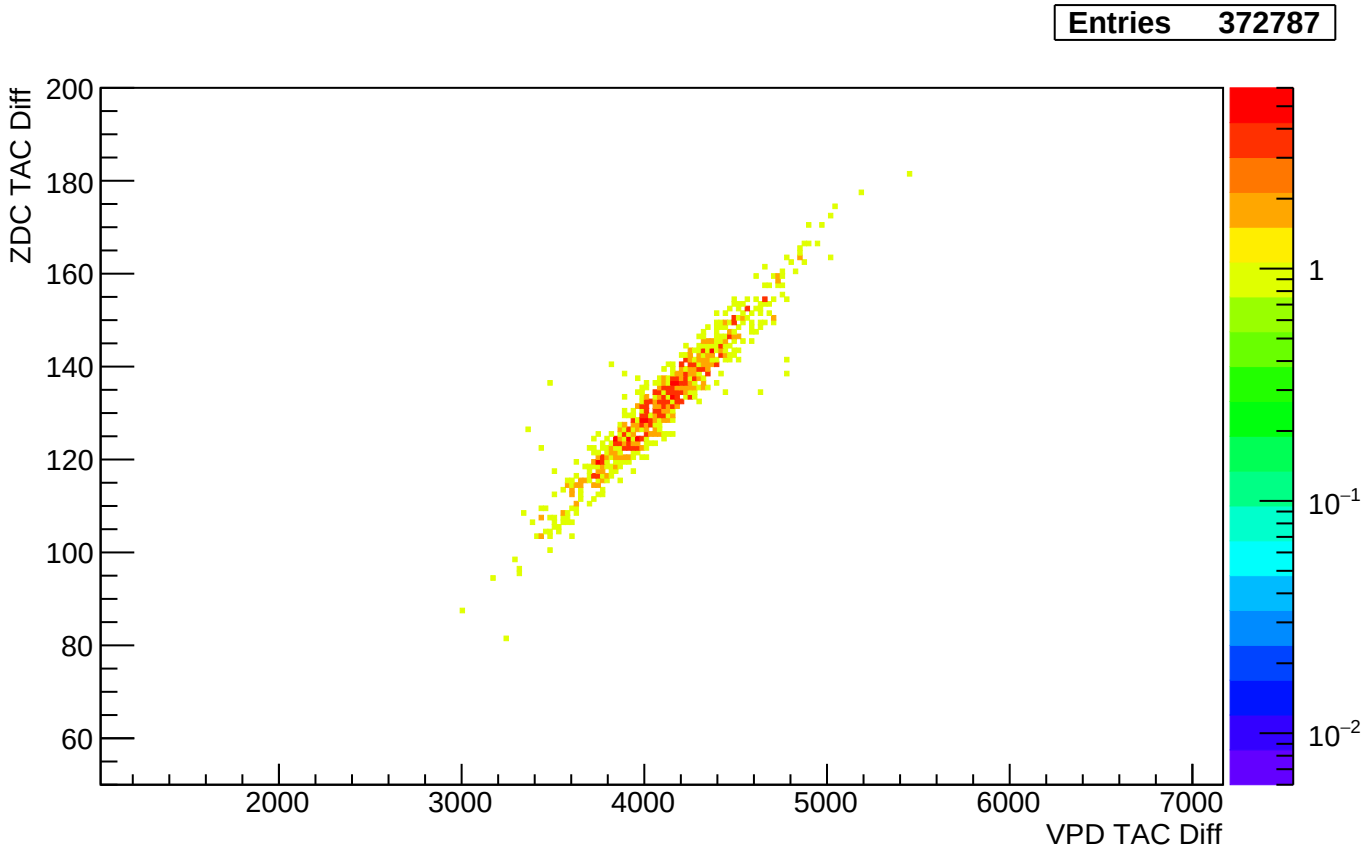

Entries 372787
TOF-Mult
EPD-East Hit Cnt

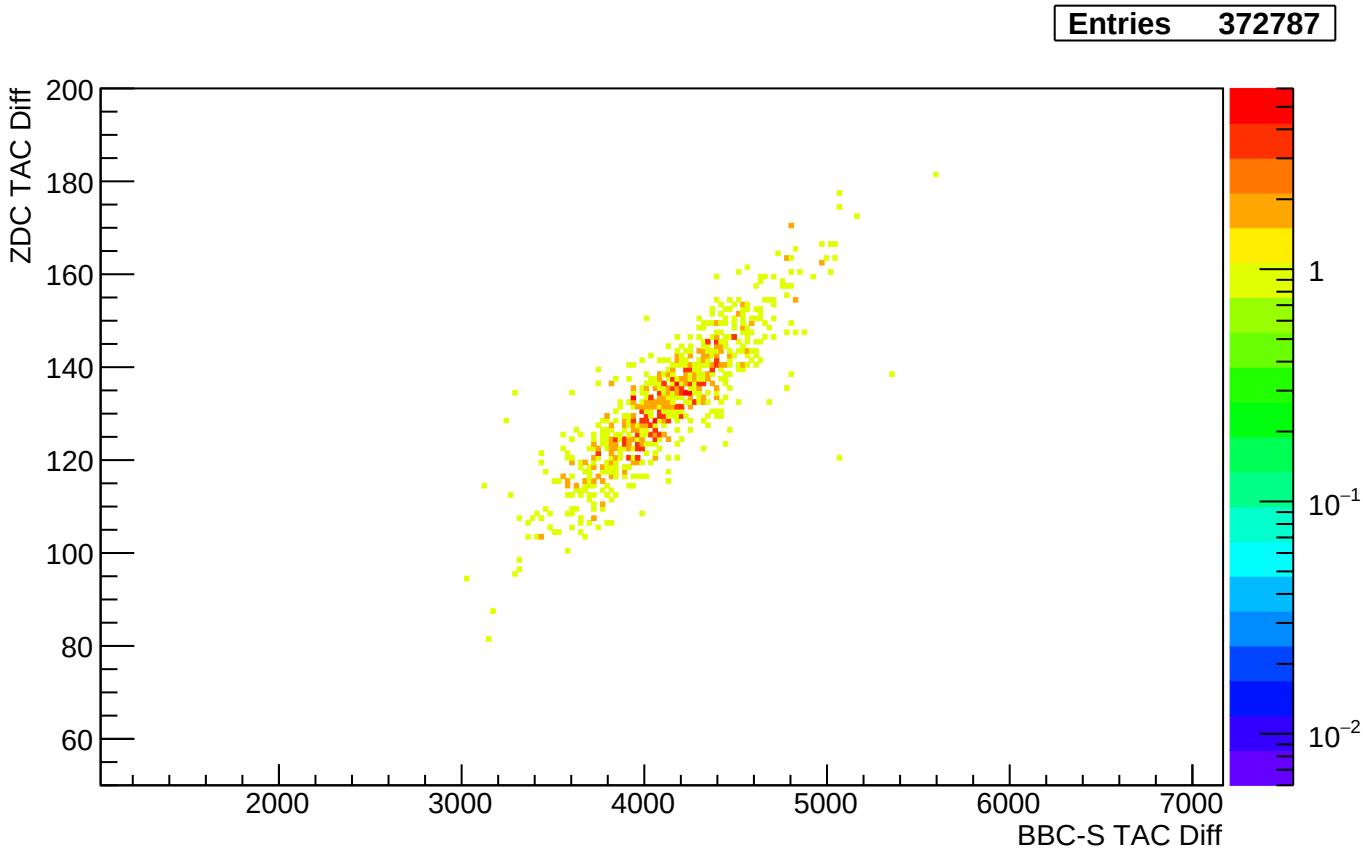

Entries 372787
TOF-Mult
EPD-West Hit Cnt

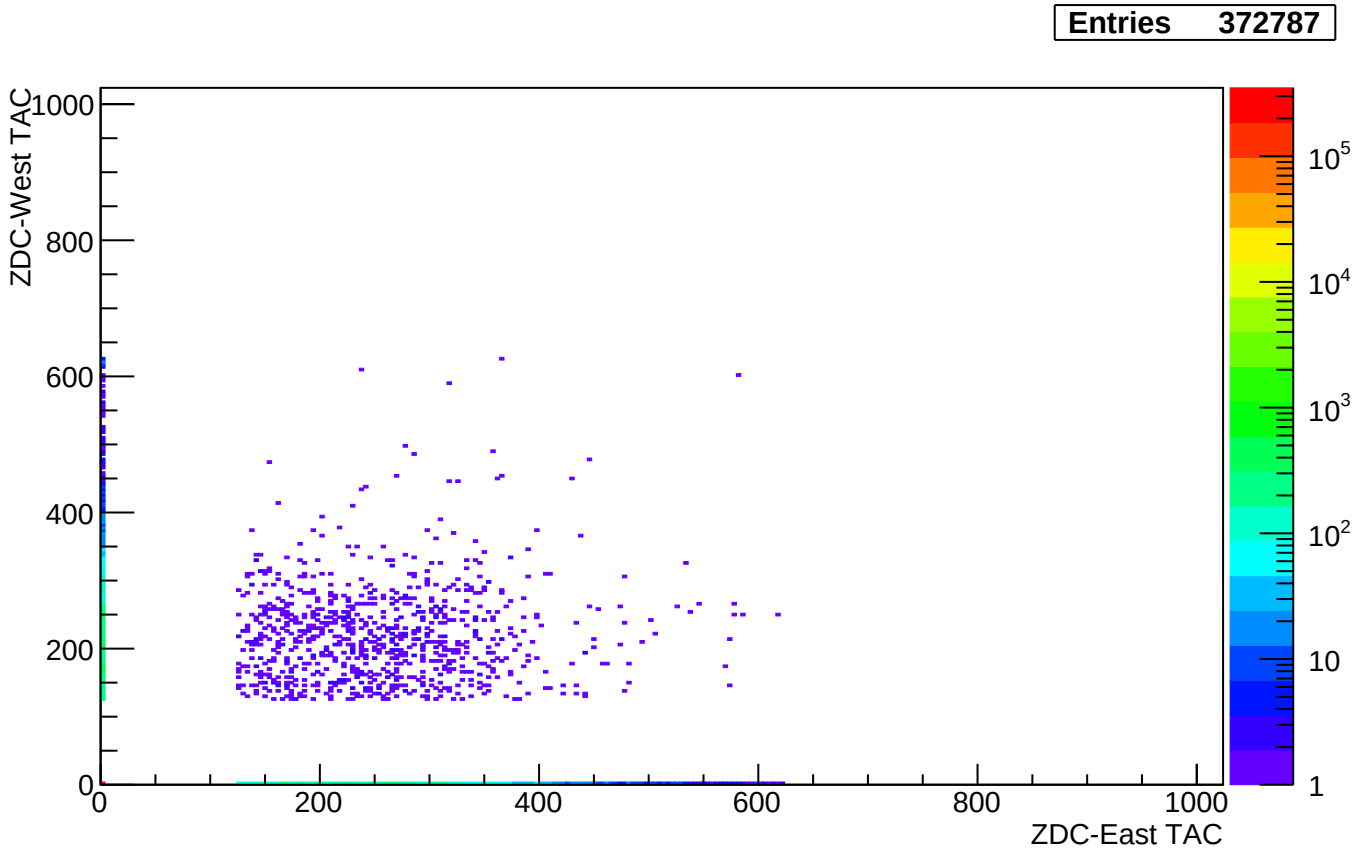

Entries 372787
TOF-Mult
VPD-East ADC Sum

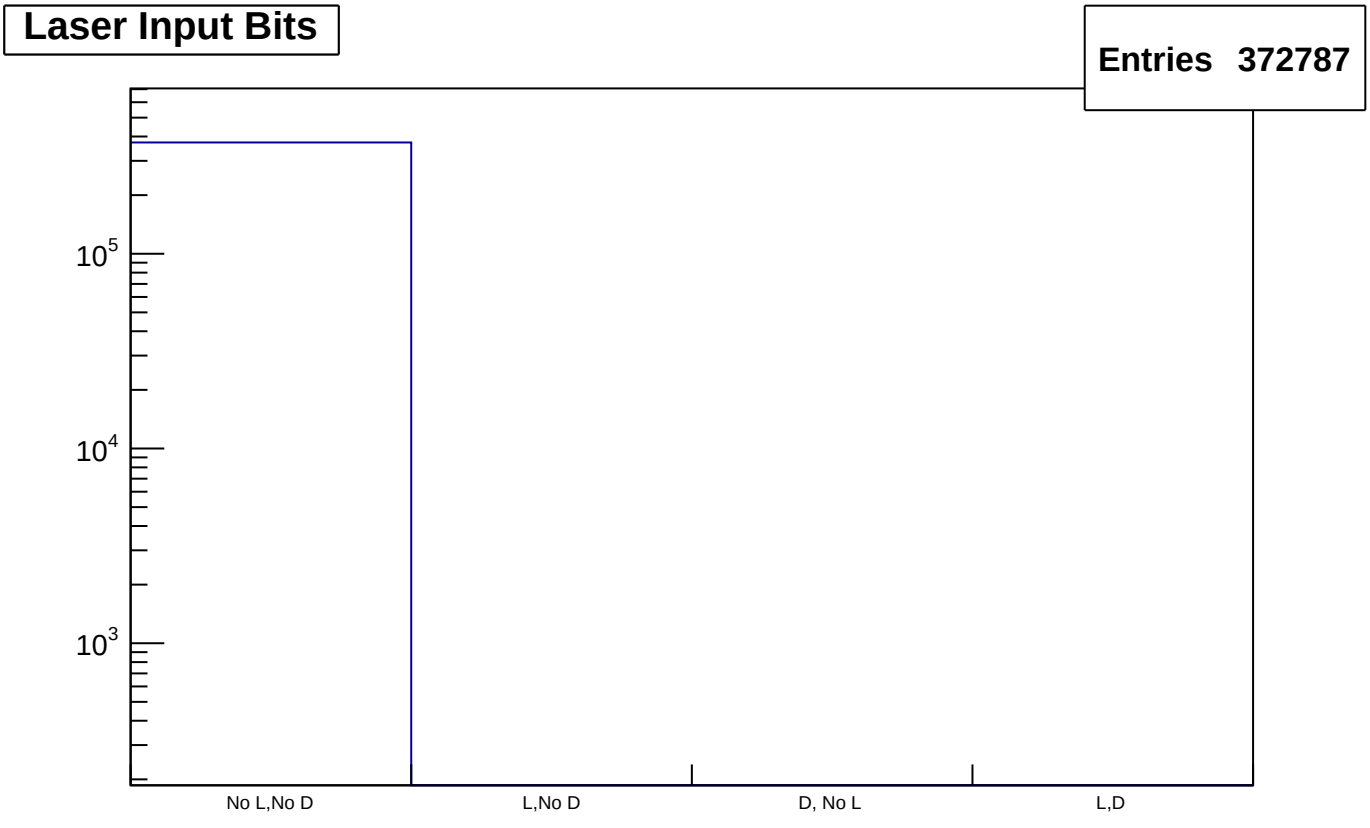

Entries 372787
TOF-Mult
VPD-West ADC Sum

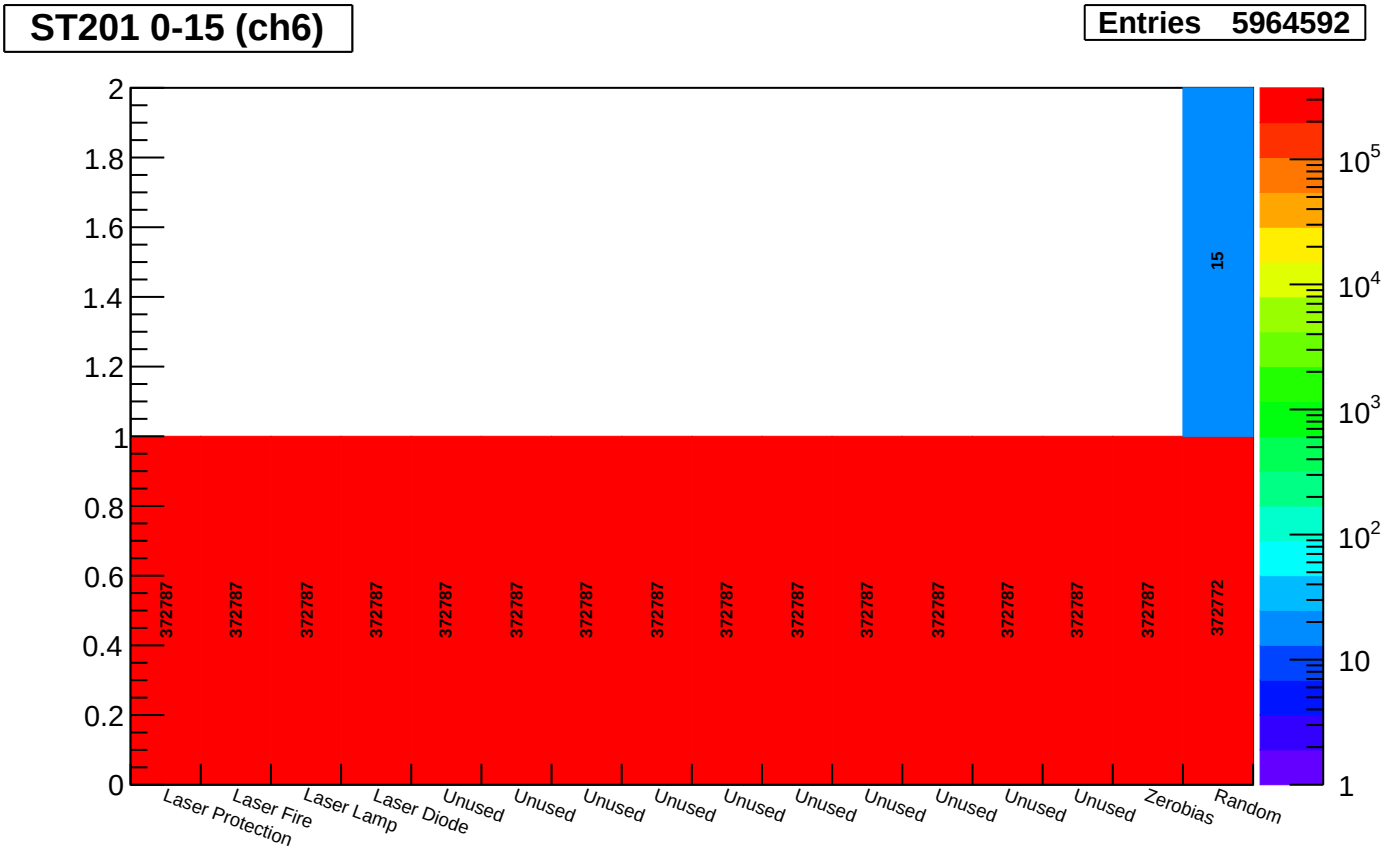

Entries 372787
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

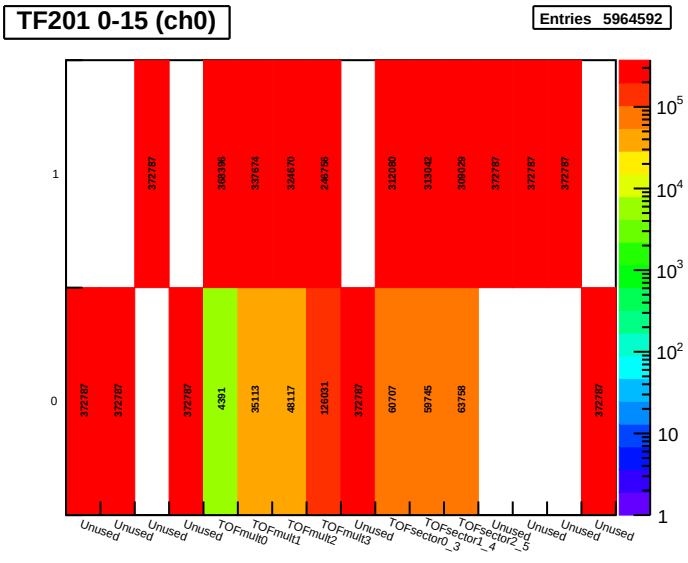

Entries 372787
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

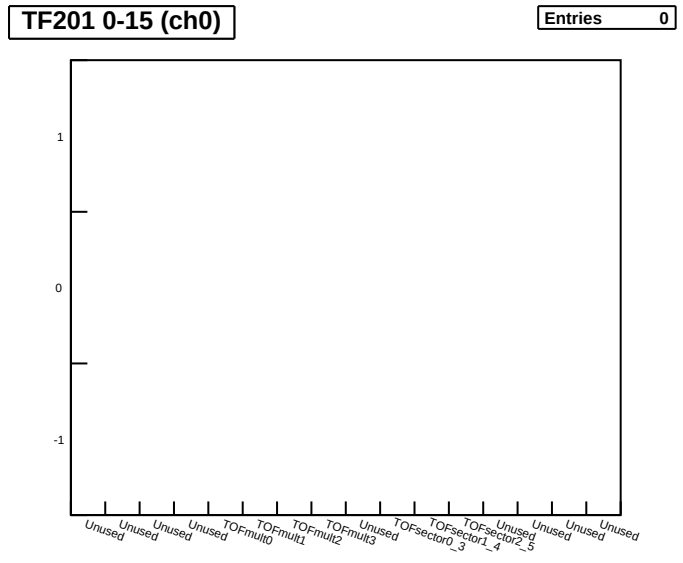

Entries 372787
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

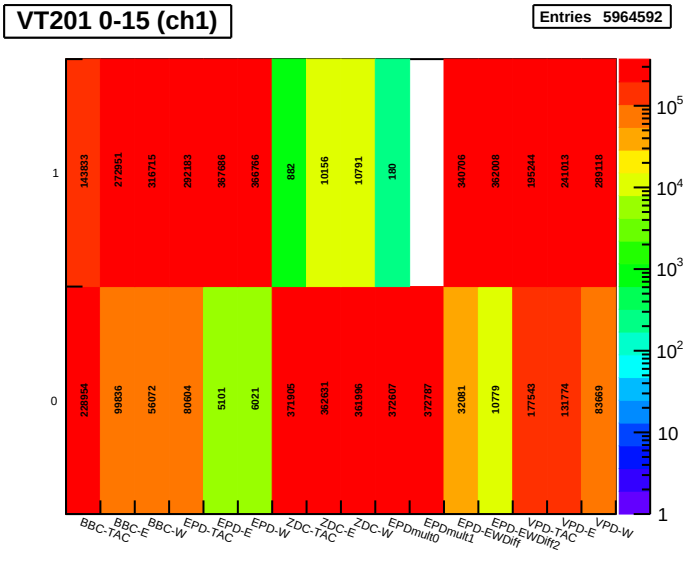

Entries 372787
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

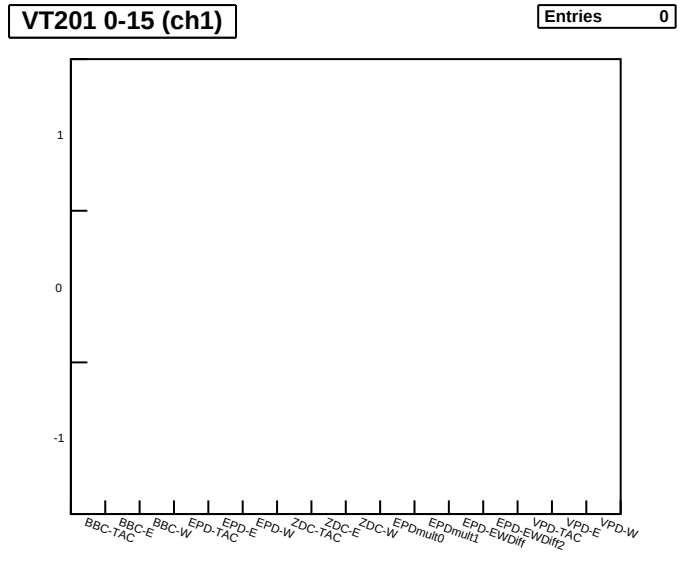

Laser Input Bits
Entries 372787
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

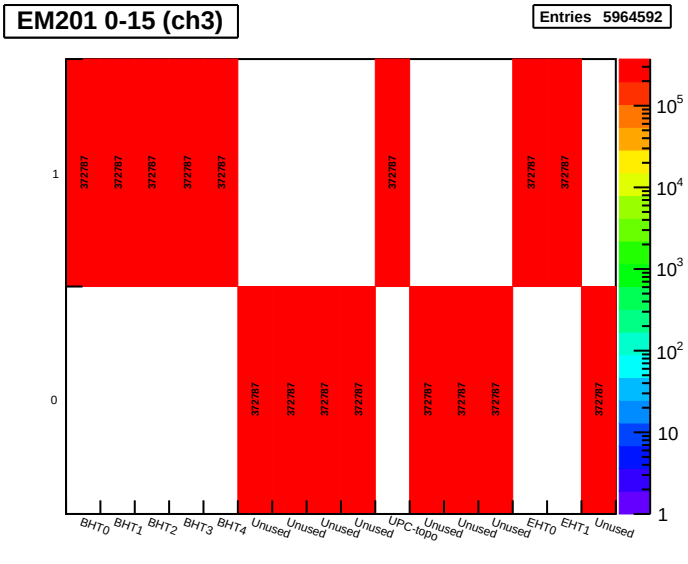

ST201 0-15 (ch6)
Entries 5964592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372787
372772
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

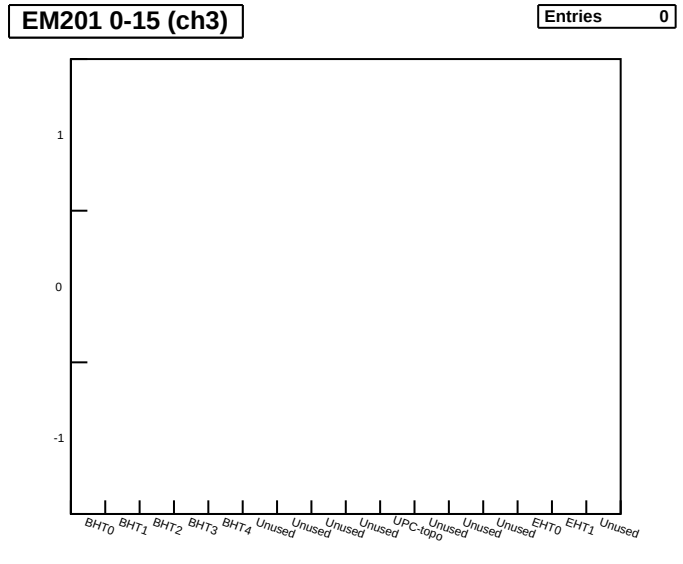

TF201 0-15 (ch0)
Entries 5964592
1
0
372787
368396
337674
324670
246756
312080
313942
309029
372787
372787
372787
372787
372787
372787
4391
35113
48117
126031
372787
60707
59745
63758
372787
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5964592
1
0
143833
272951
316715
292183
367686
366766
852
10156
10791
180
340706
362008
195244
241013
289118
228954
99836
56072
80604
5101
6021
371905
362831
361996
372607
372787
32081
10779
177543
131774
83669
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 5964592
1
0
372787
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1