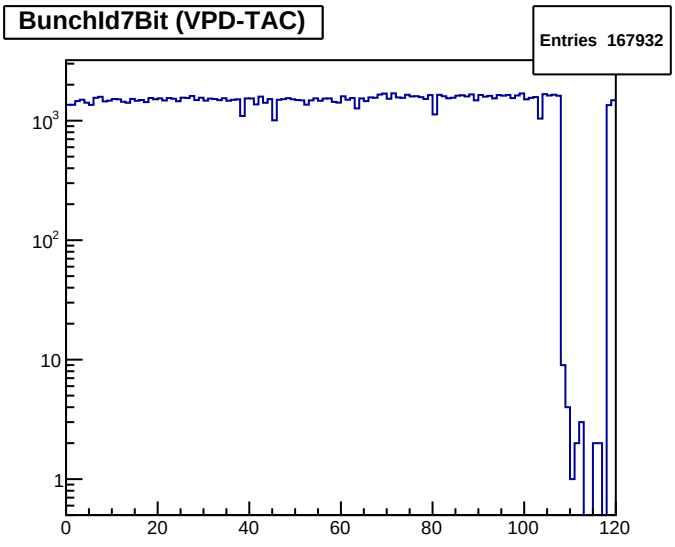
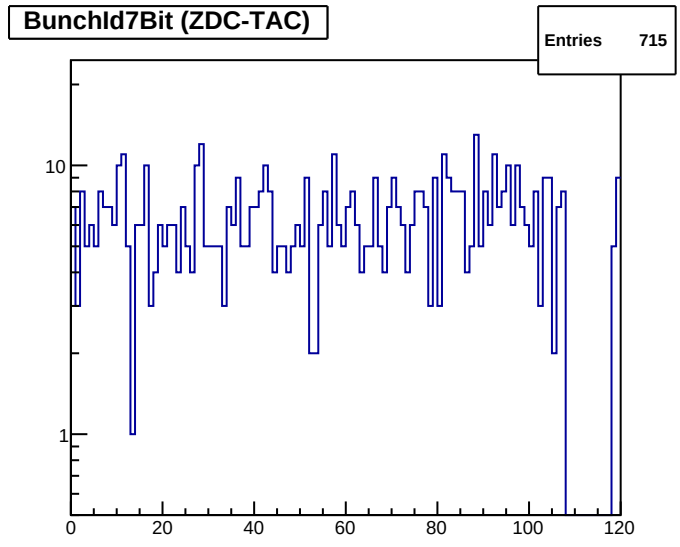
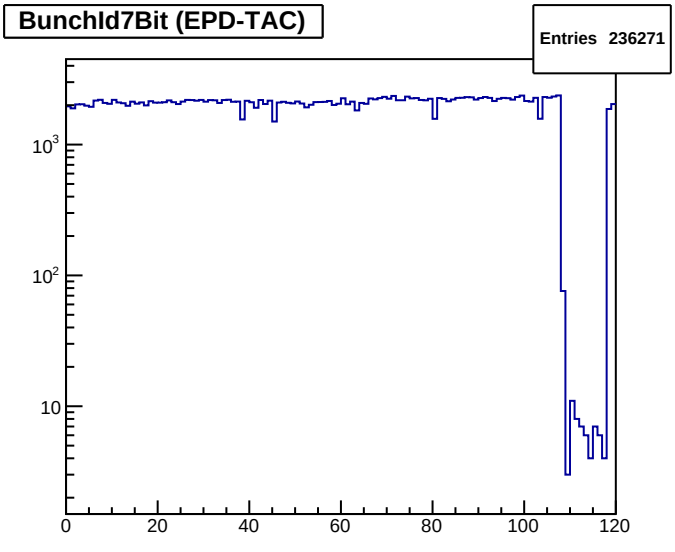
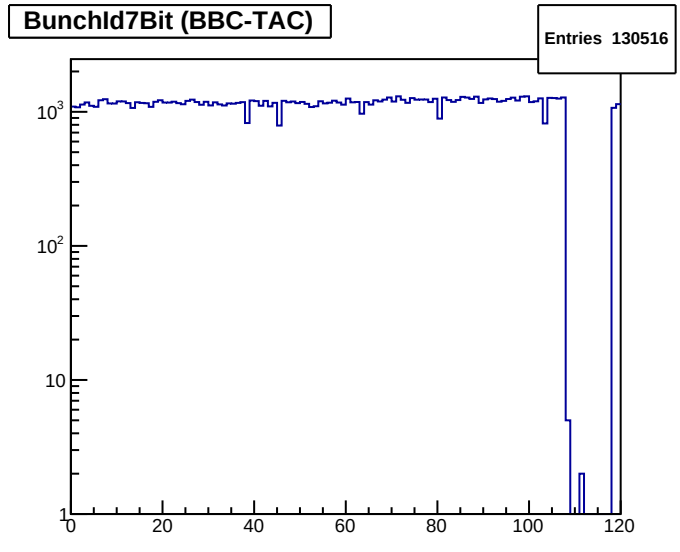
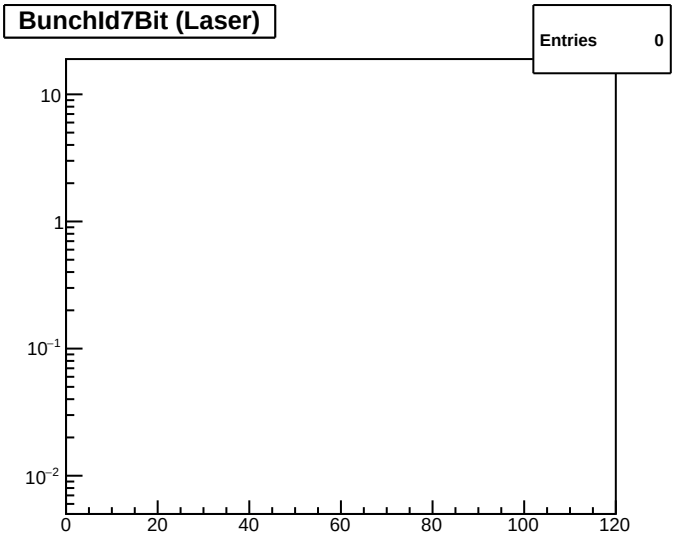
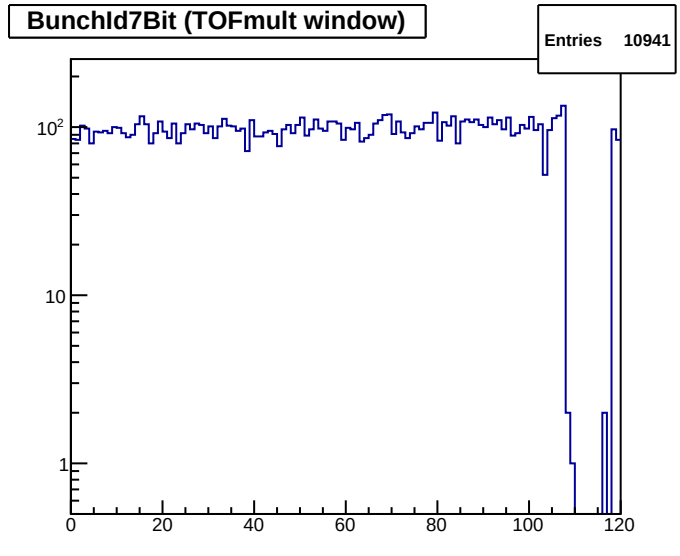

BunchId7Bit (VPD-TAC)
Entries 167932

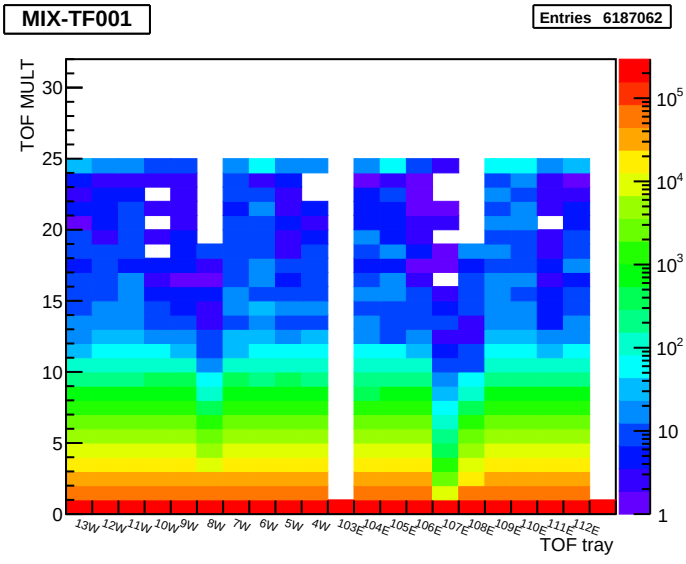

BunchId7Bit (ZDC-TAC)
Entries 715

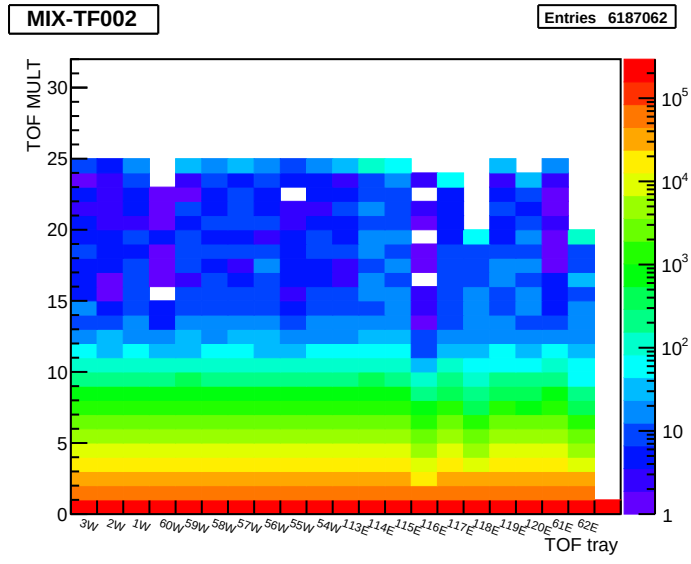

BunchId7Bit (EPD-TAC)
Entries 236271

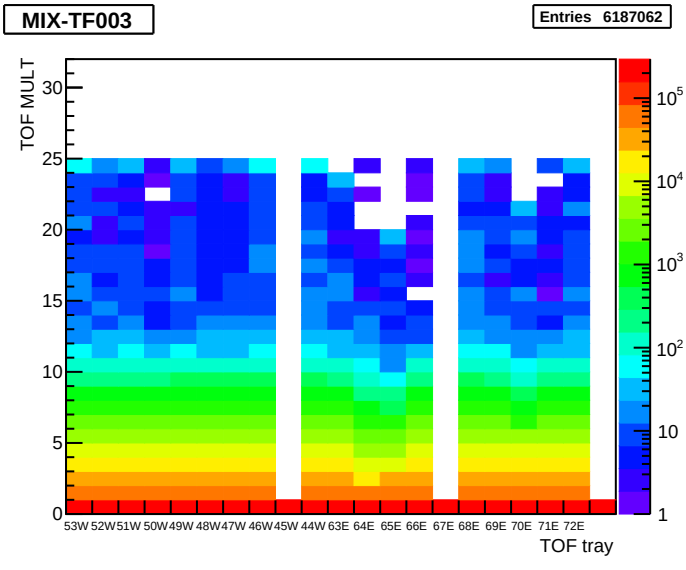

BunchId7Bit (BBC-TAC)
Entries 130516

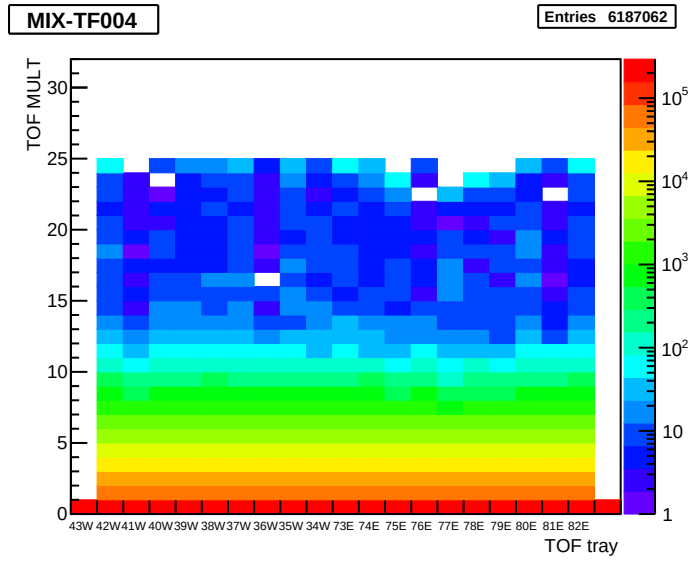

BunchId7Bit (Laser)
Entries 0

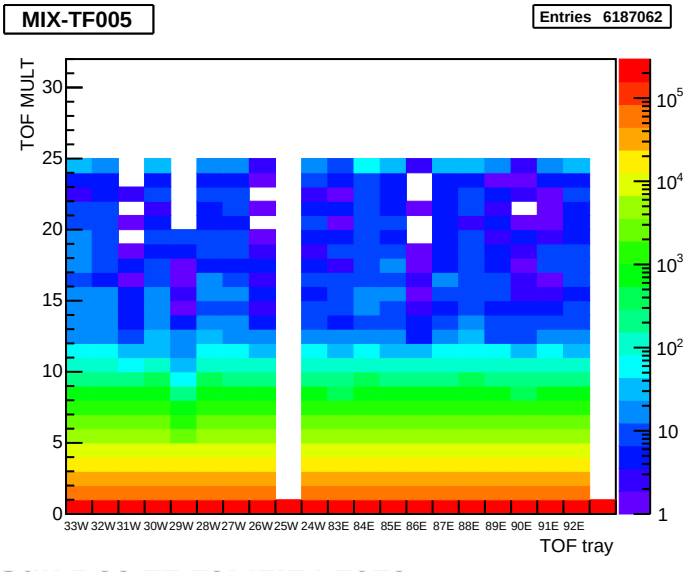

BunchId7Bit (TOFmult window)
Entries 10941

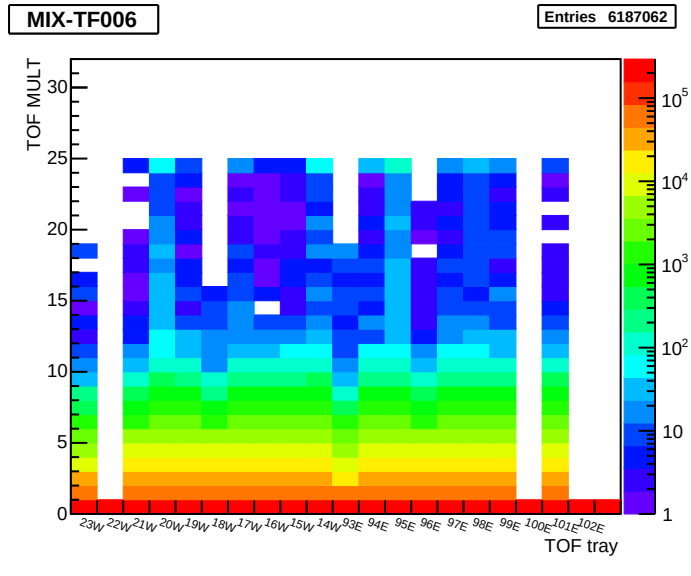

MIX-TF001
Entries 6187062
TOF MULT
TOF tray

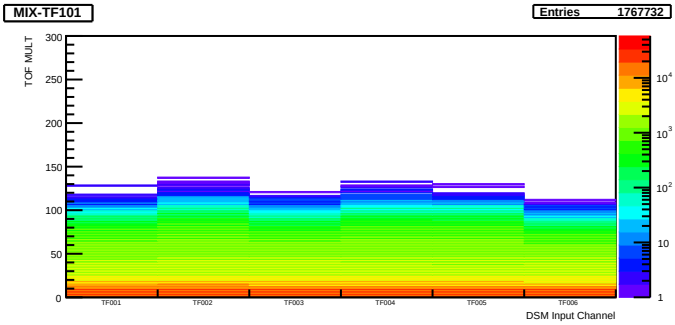

MIX-TF002
Entries 6187062
TOF MULT
TOF tray

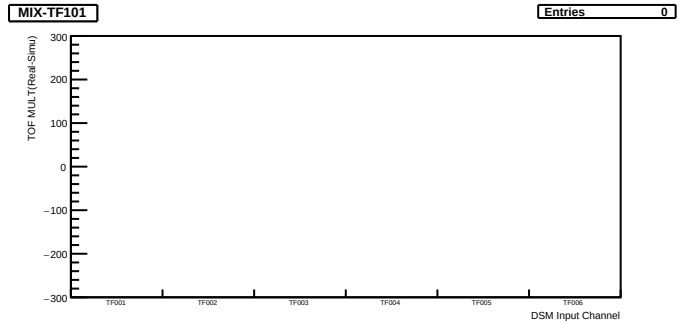

MIX-TF003
Entries 6187062
TOF MULT
TOF tray

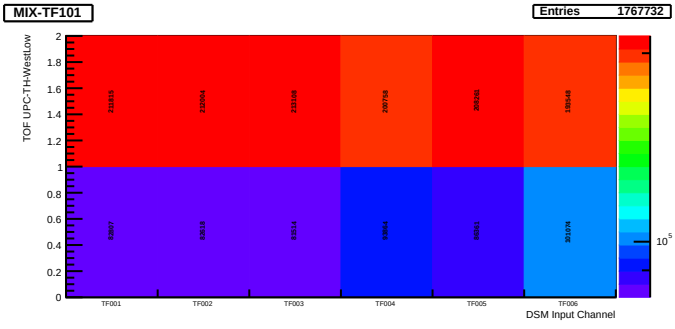

MIX-TF004
Entries 6187062
TOF MULT
TOF tray

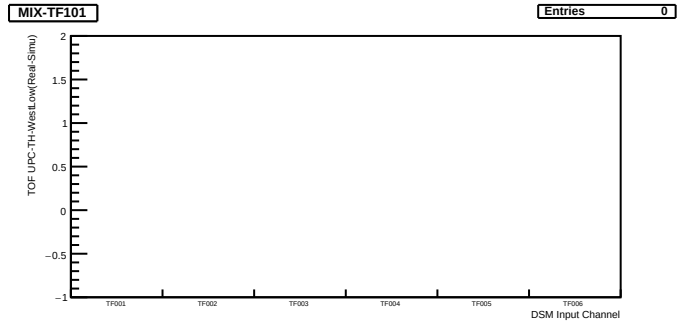

MIX-TF005
Entries 6187062
TOF MULT
TOF tray

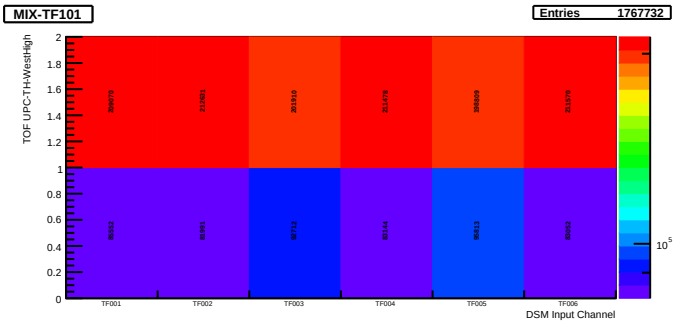

MIX-TF006
Entries 6187062
TOF MULT
TOF tray

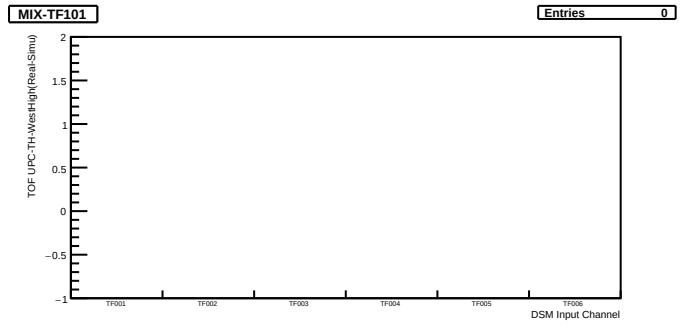

MIX-TF101
Entries 1767732
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

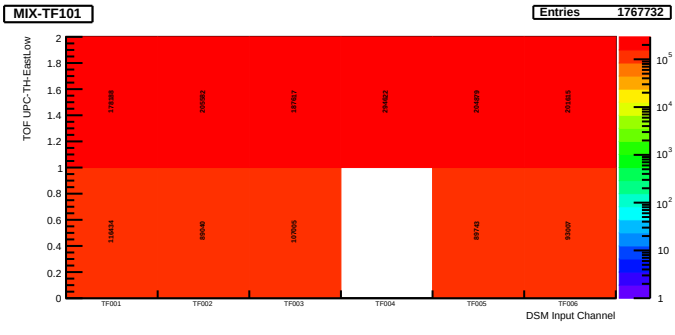

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

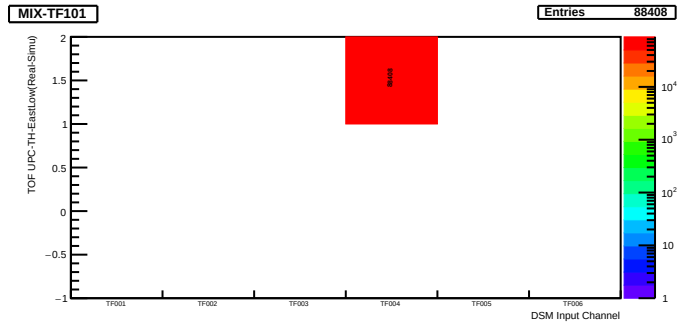

MIX-TF101
Entries 1767732
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

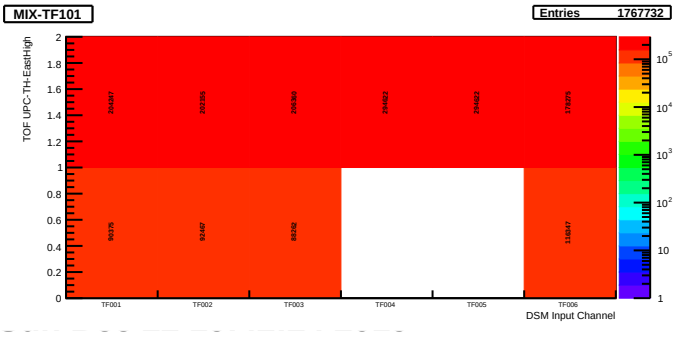

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

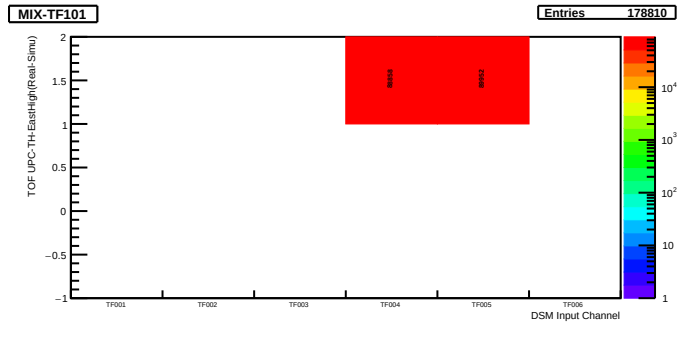

MIX-TF101
Entries 1767732
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

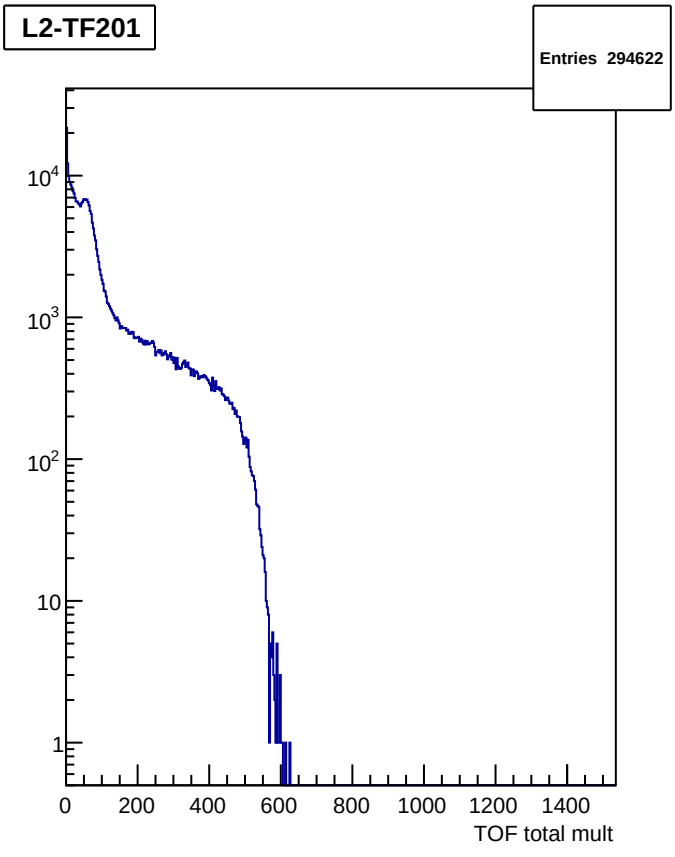

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

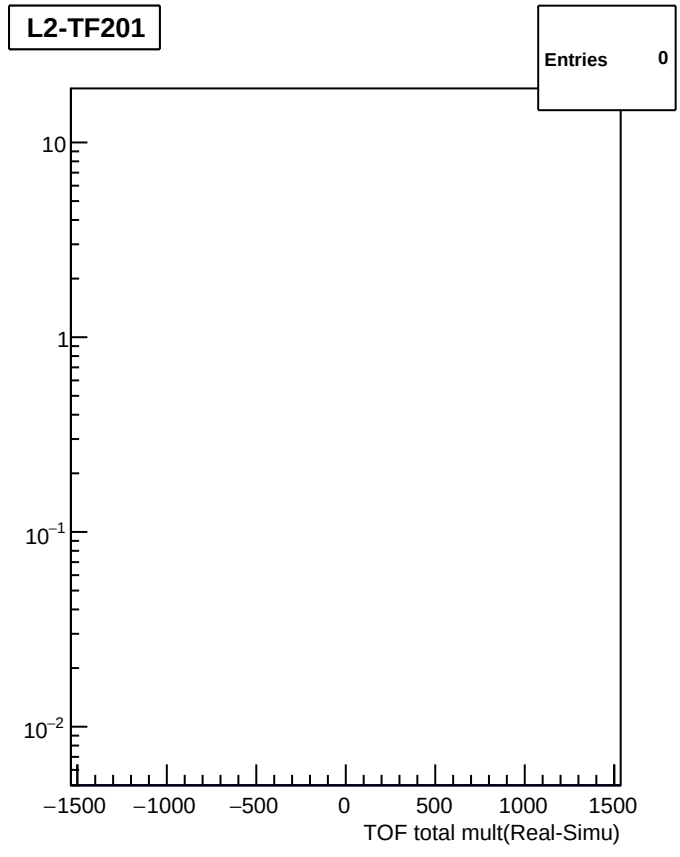

MIX-TF101
Entries 1767732
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

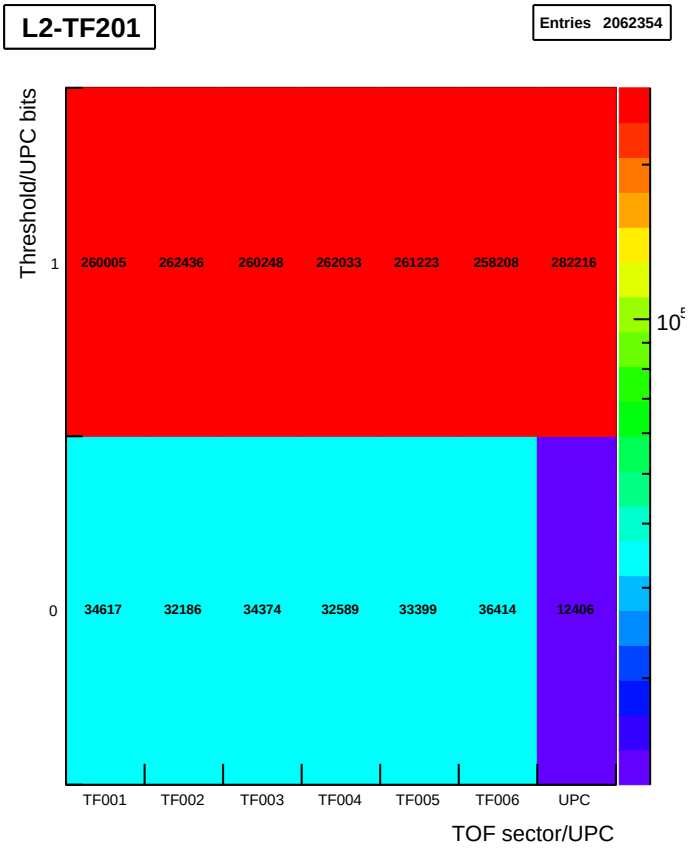

MIX-TF101
Entries 88408
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

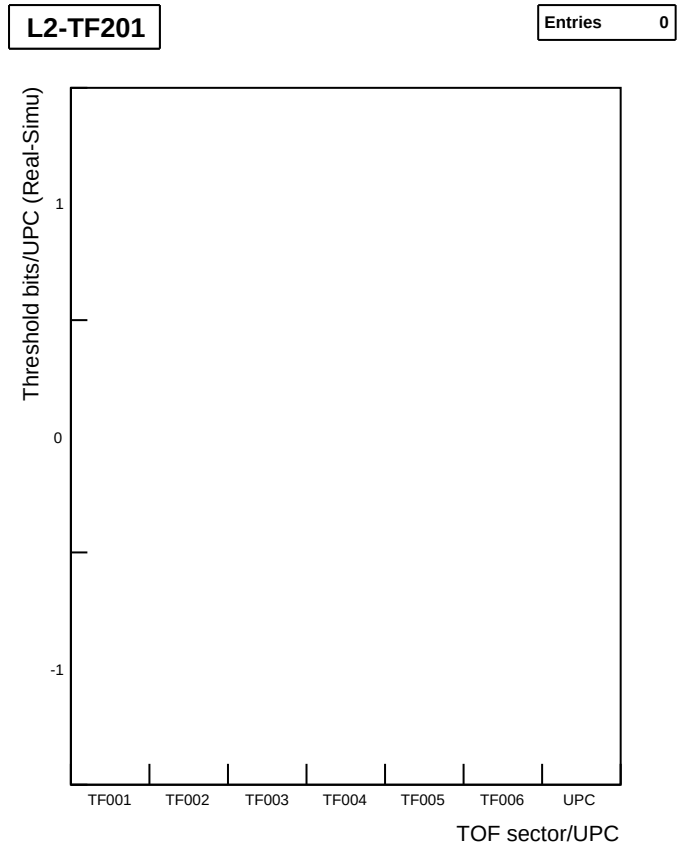

MIX-TF101
Entries 1767732
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

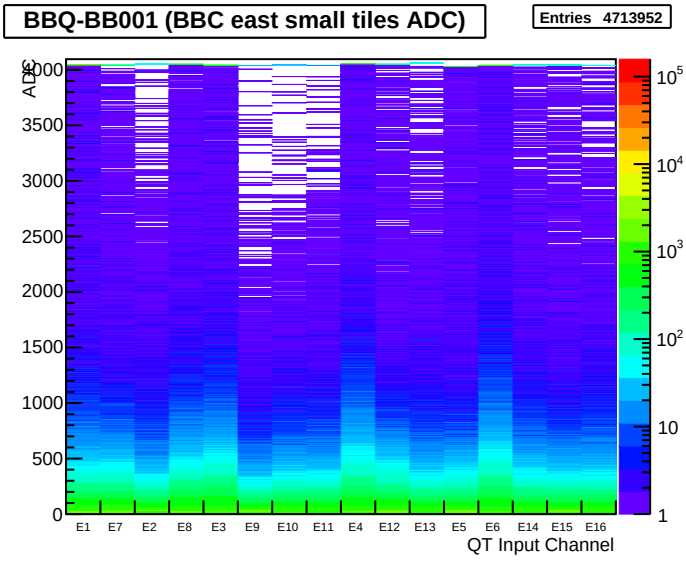

MIX-TF101
Entries 178810
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

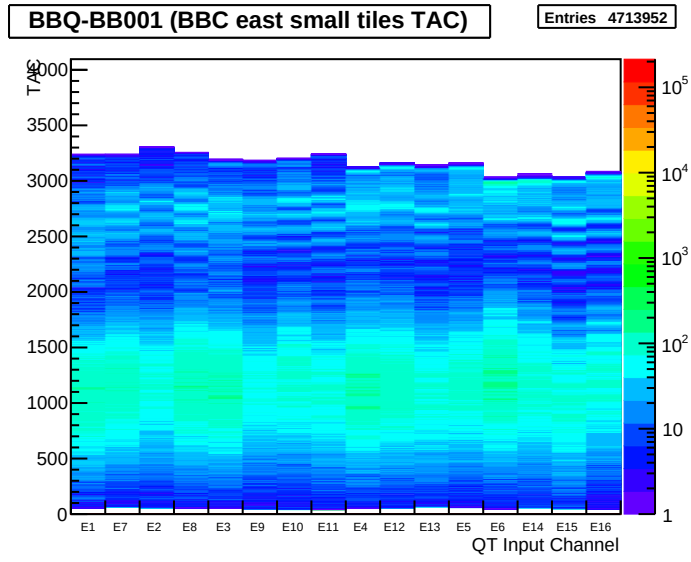

L2-TF201
Entries 294622
TOF total mult

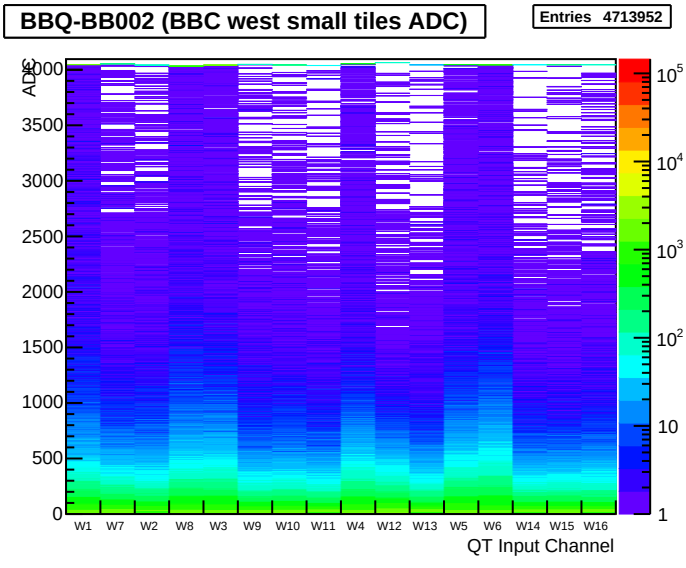

L2-TF201
Entries 0
TOF total mult(Real-Simu)

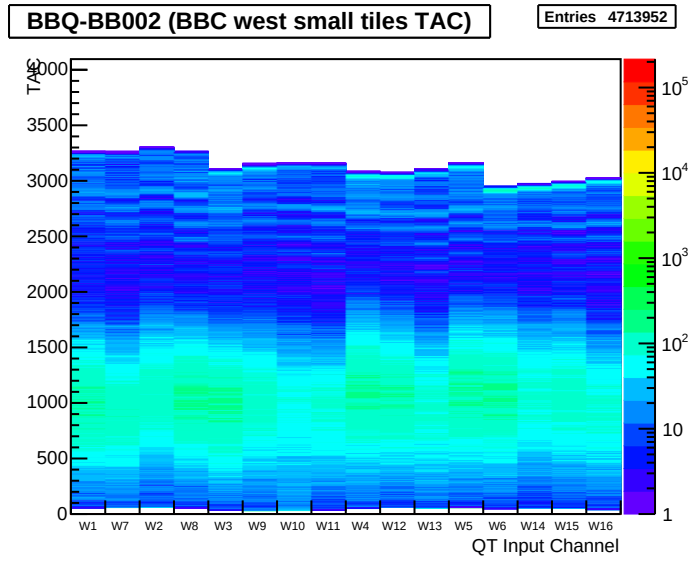

L2-TF201
Entries 2062354
Threshold/UPC bits
260005
262436
260248
262033
261223
258208
282216
34617
32186
34374
32589
33399
36414
12406
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

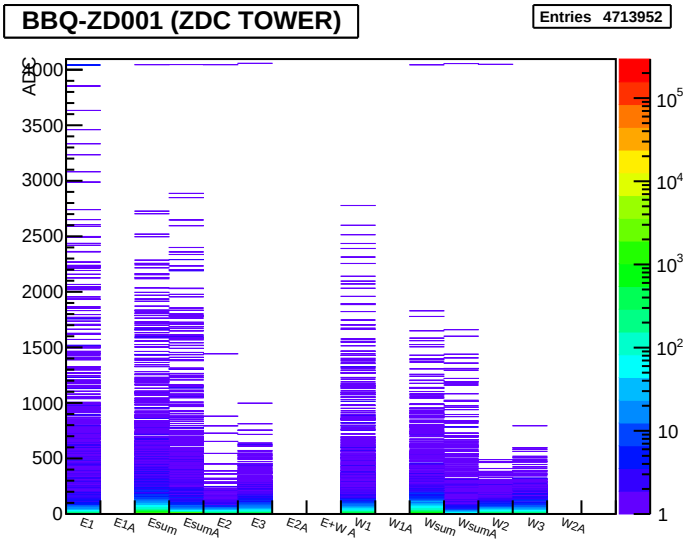

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

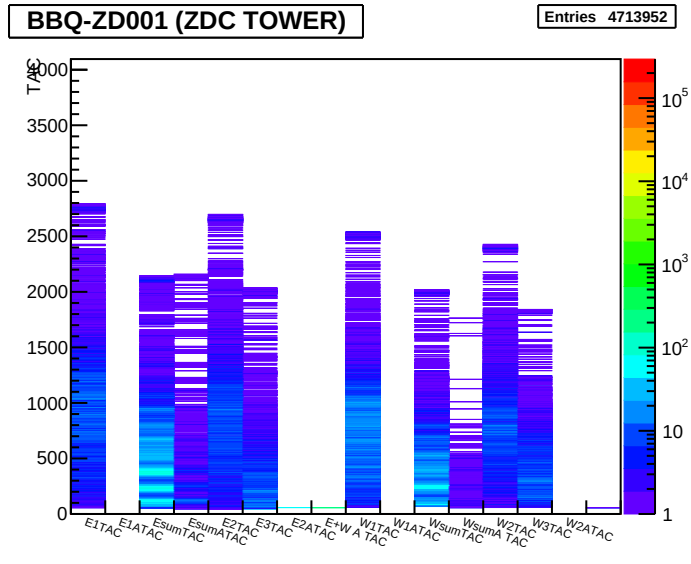

BBQ-BB001 (BBC east small tiles ADC)
Entries 4713952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

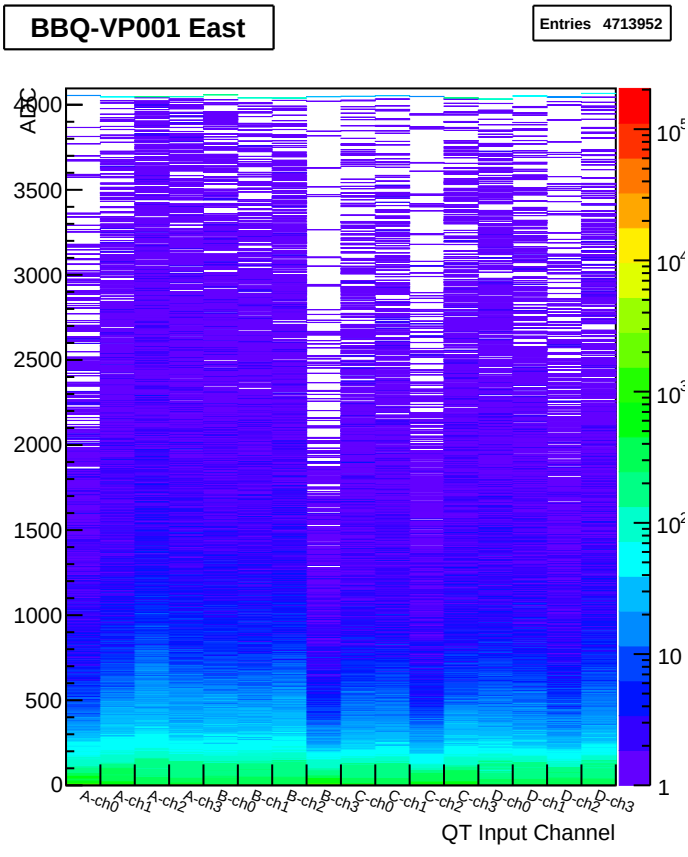

BBQ-BB001 (BBC east small tiles TAC)
Entries 4713952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

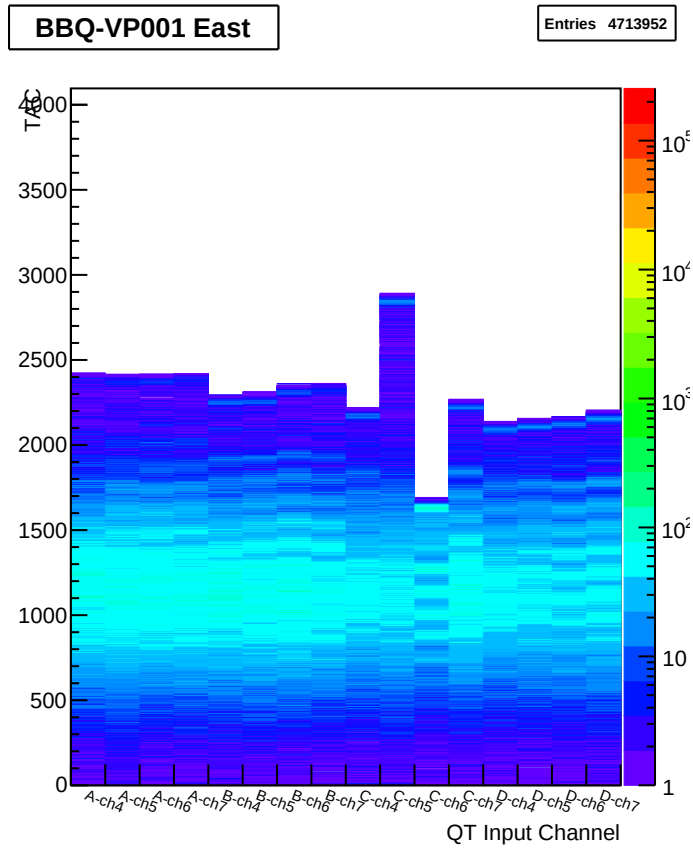

BBQ-BB002 (BBC west small tiles ADC)
Entries 4713952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

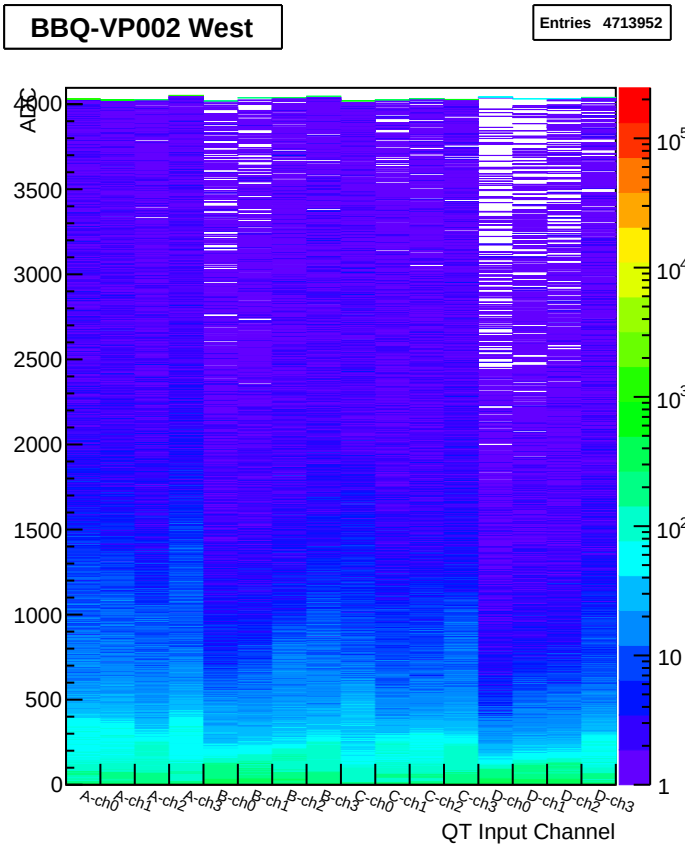

BBQ-BB002 (BBC west small tiles TAC)
Entries 4713952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

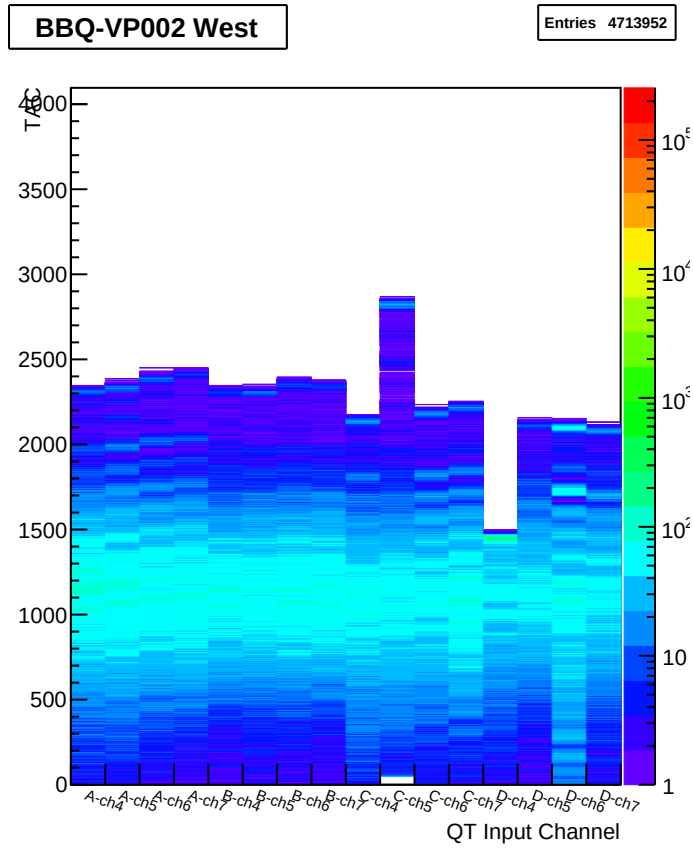

BBQ-ZD001 (ZDC TOWER)
Entries 4713952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

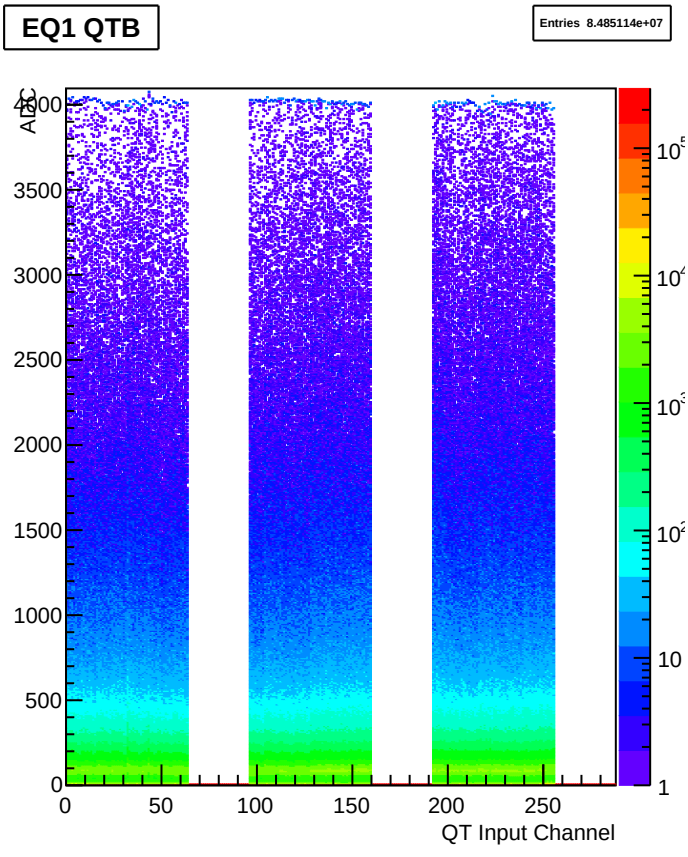

BBQ-ZD001 (ZDC TOWER)
Entries 4713952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

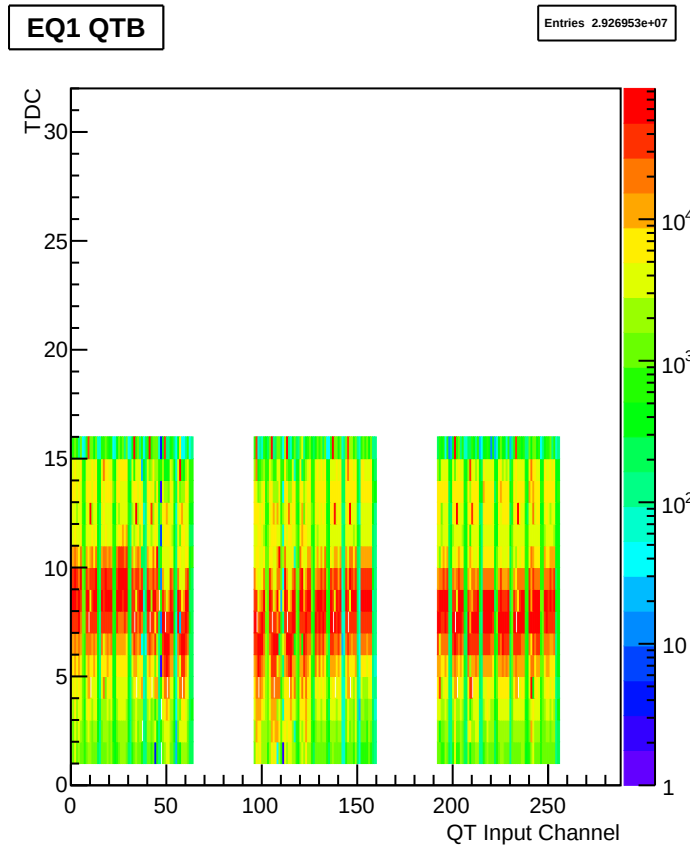

BBQ-VP001 East
Entries 4713952
ADC
QT Input Channel

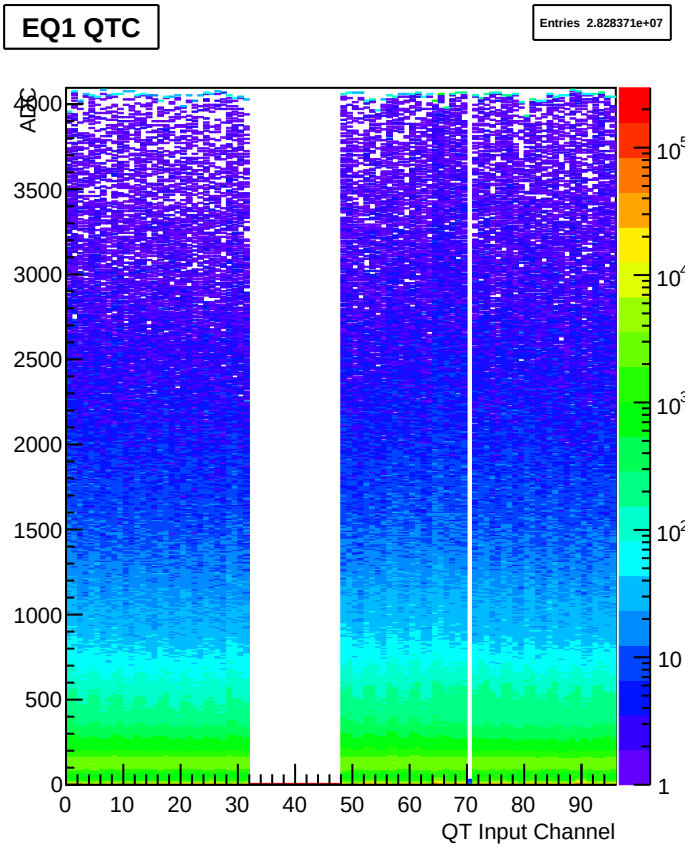

BBQ-VP001 East
Entries 4713952
TADC
QT Input Channel

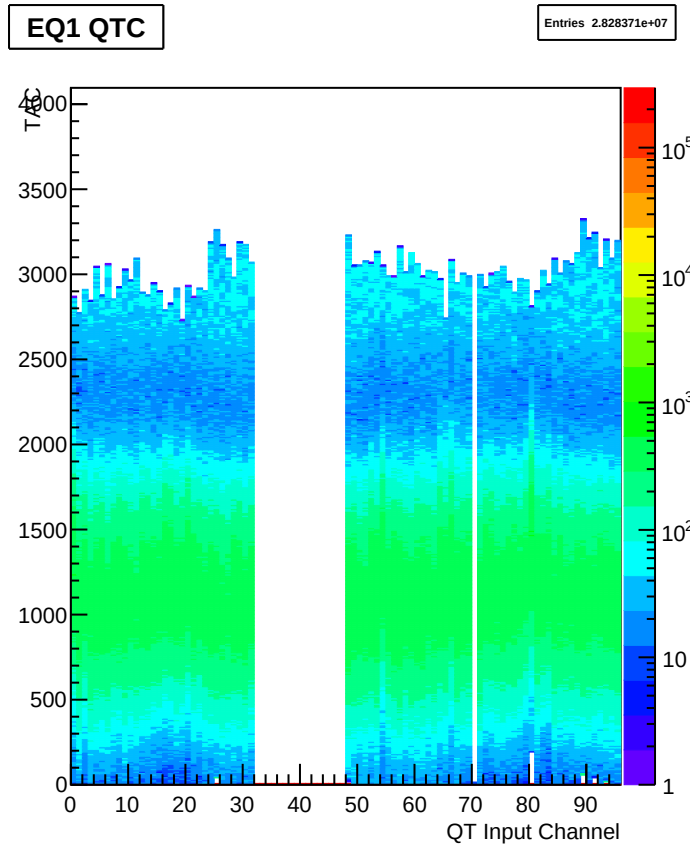

BBQ-VP002 West
Entries 4713952
ADC
QT Input Channel

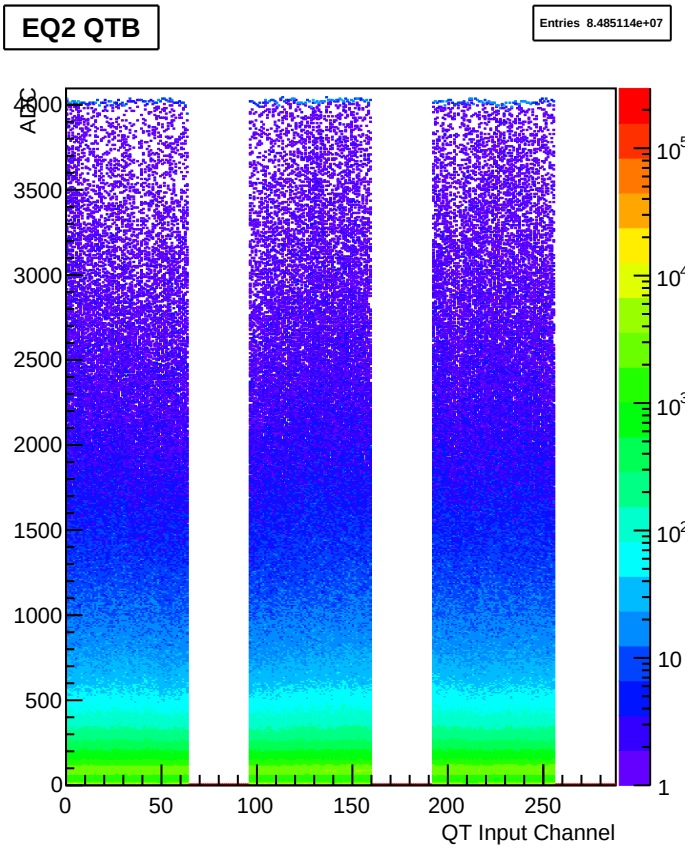

BBQ-VP002 West
Entries 4713952
TADC
QT Input Channel

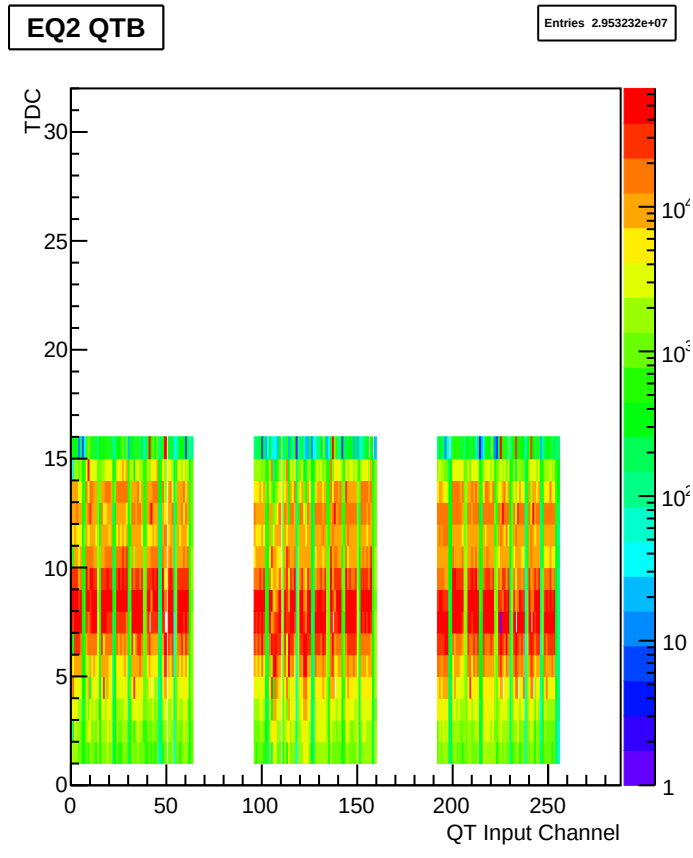

EQ1 QTB
Entries 8.485114e+07
ADC
QT Input Channel

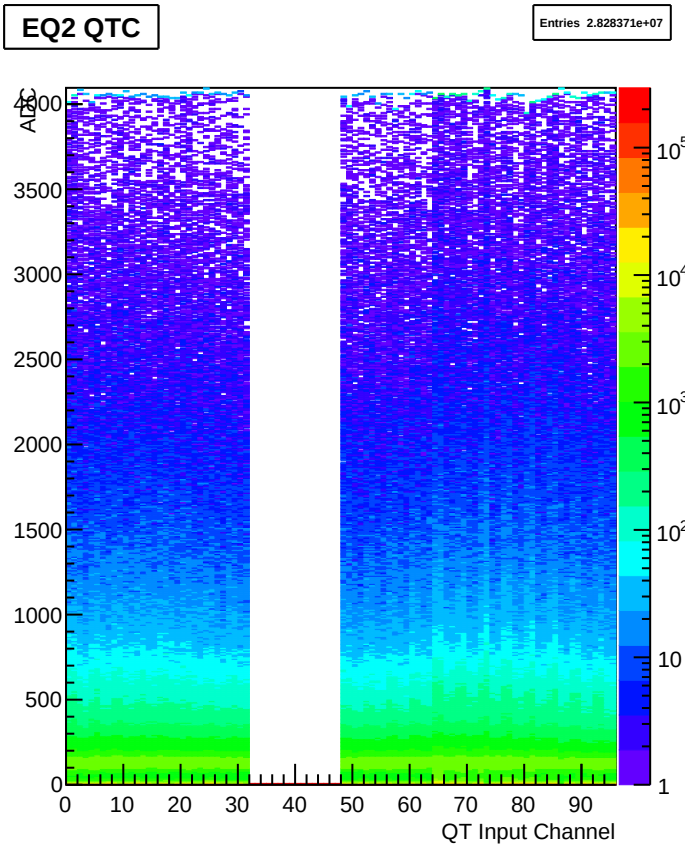

EQ1 QTB
Entries 2.926953e+07
TDC
QT Input Channel

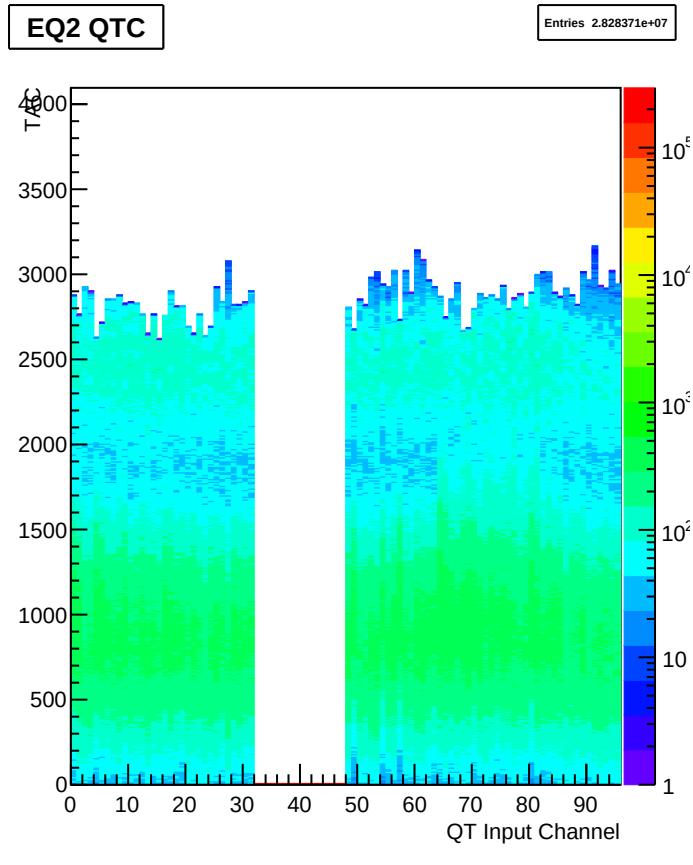

EQ1 QTC
Entries 2.828371e+07
ADC
QT Input Channel

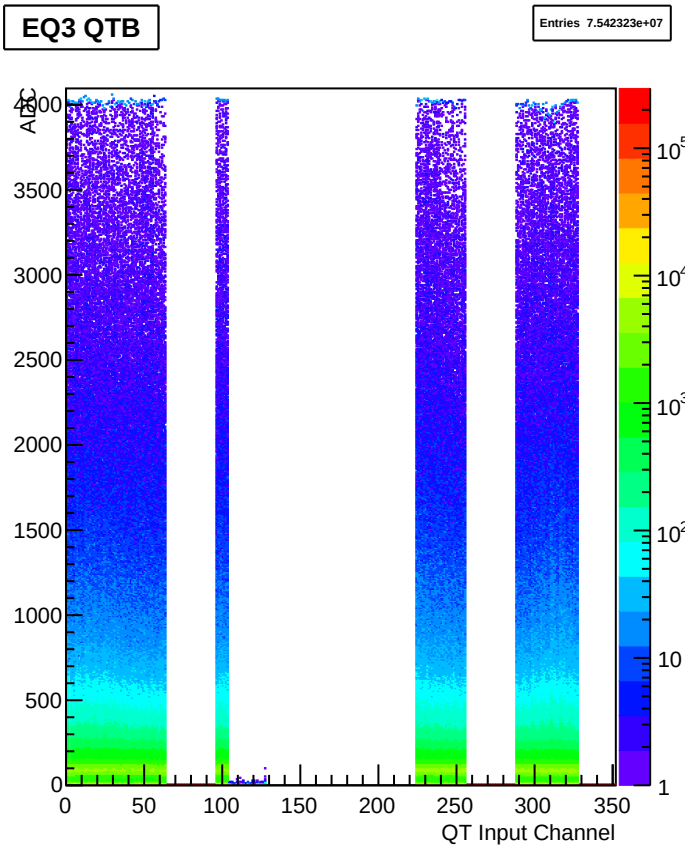

EQ1 QTC
Entries 2.828371e+07
TADC
QT Input Channel

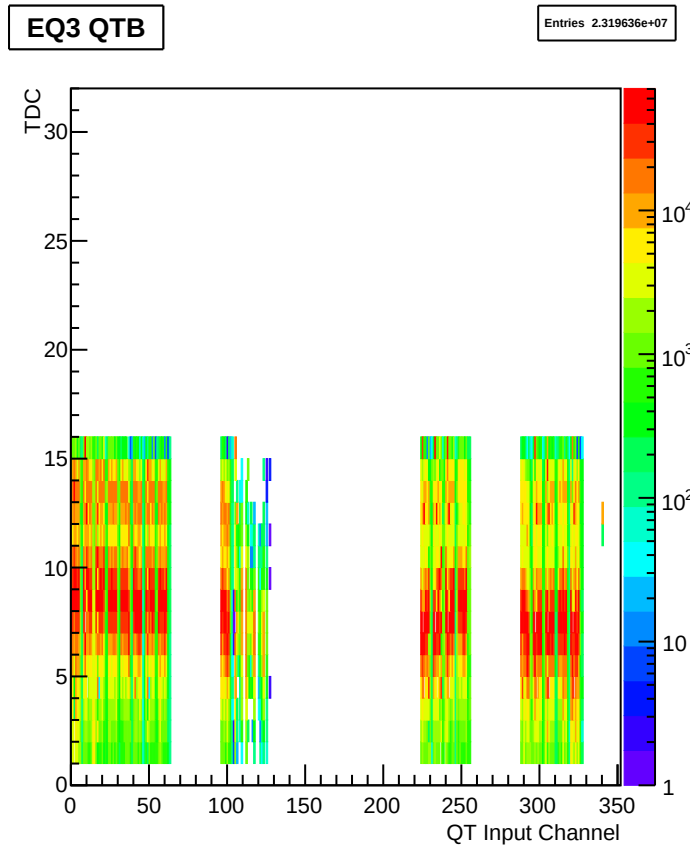

EQ2 QTB
Entries 8.485114e+07
ADC
QT Input Channel

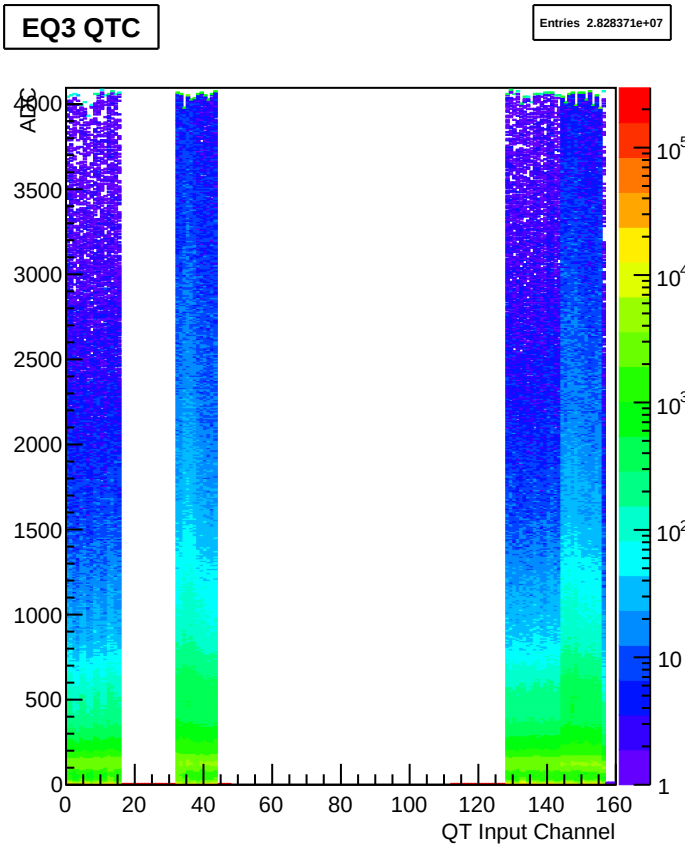

EQ2 QTB
Entries 2.953232e+07
TDC
QT Input Channel

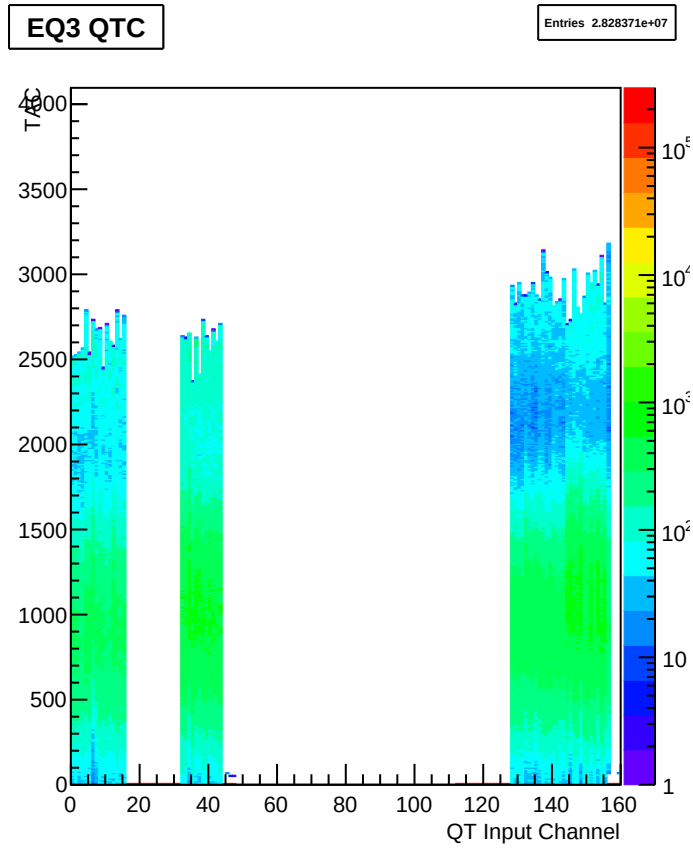

EQ2 QTC
Entries 2.828371e+07
ADC
QT Input Channel

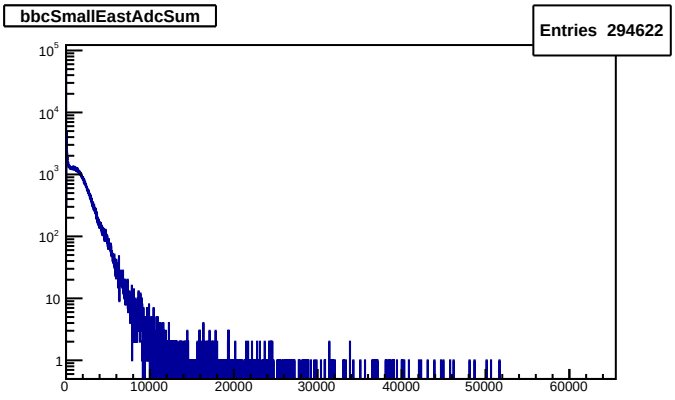

EQ2 QTC
Entries 2.828371e+07
TADC
QT Input Channel

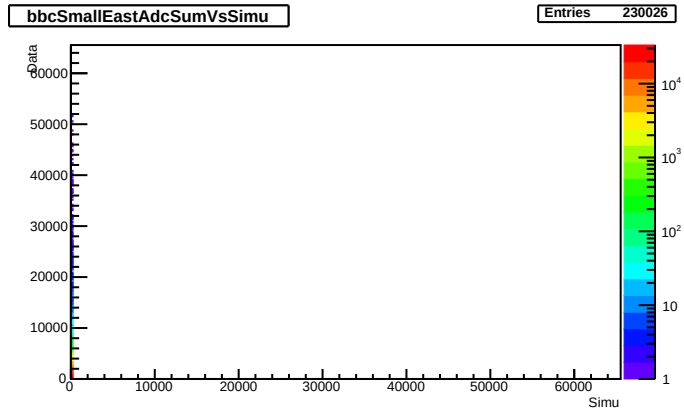

EQ3 QTB
Entries 7.542323e+07
ADC
QT Input Channel

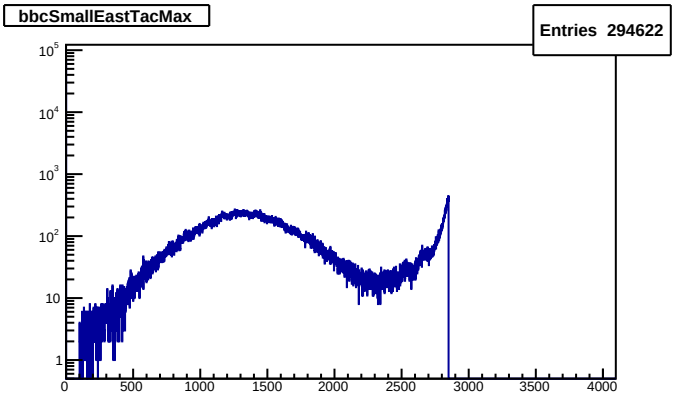

EQ3 QTB
Entries 2.319636e+07
TDC
QT Input Channel

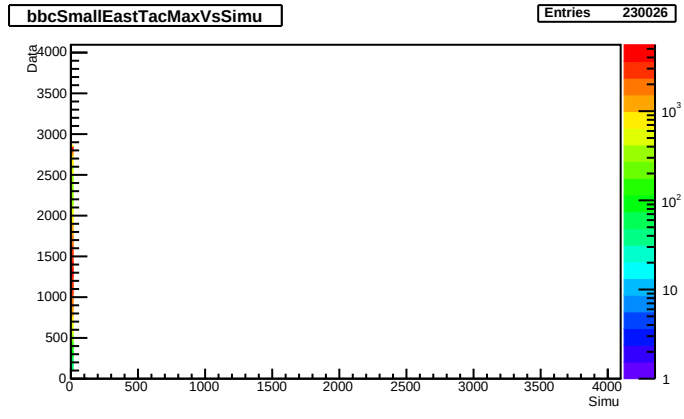

EQ3 QTC
Entries 2.828371e+07
ADC
QT Input Channel

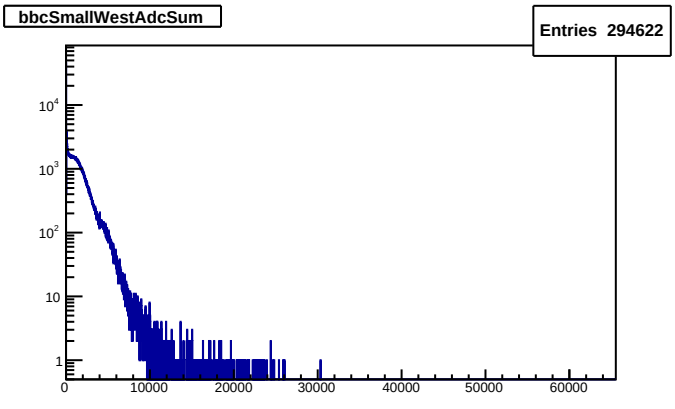

EQ3 QTC
Entries 2.828371e+07
TADC
QT Input Channel

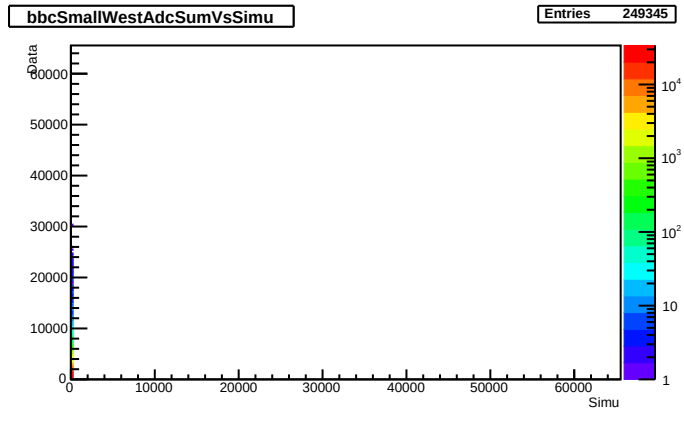

bbcSmallEastAdcSum
Entries 294622

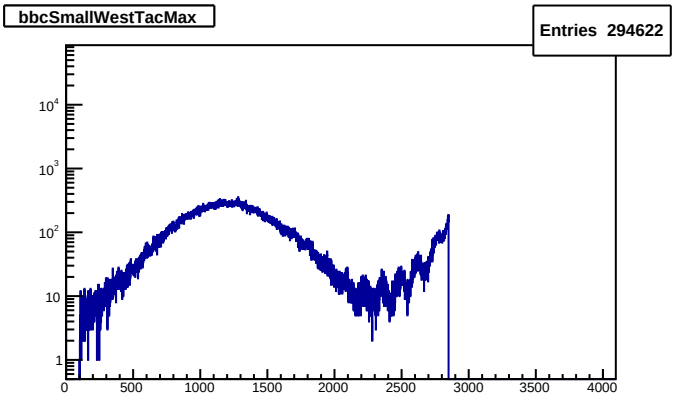

bbcSmallEastAdcSumVsSimu
Entries 230026
Data
Simu

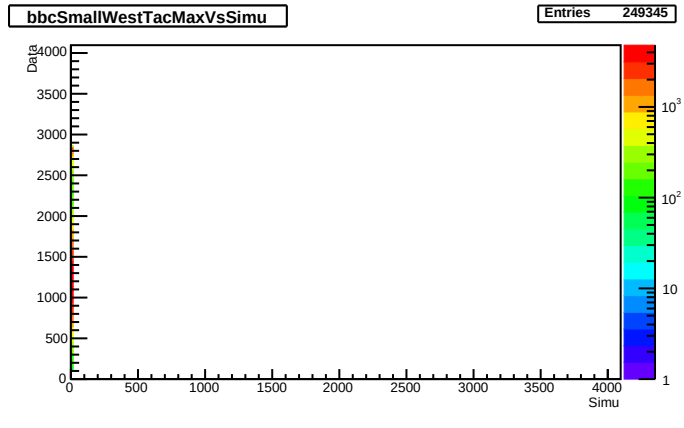

bbcSmallEastTacMax
Entries 294622

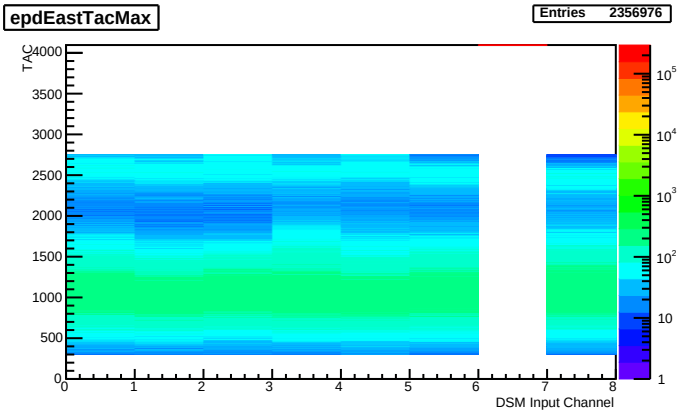

bbcSmallEastTacMaxVsSimu
Entries 230026
Data
Simu

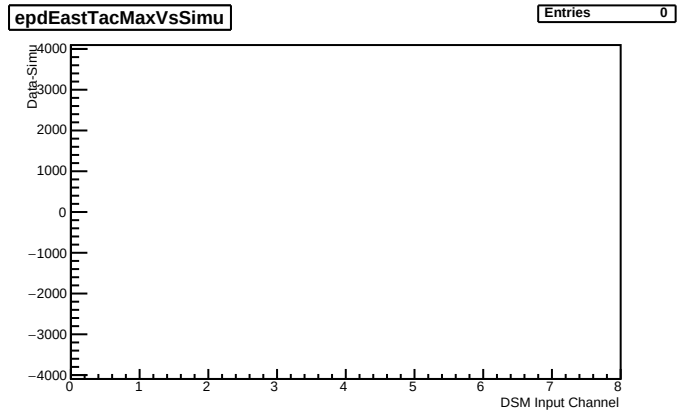

bbcSmallWestAdcSum
Entries 294622

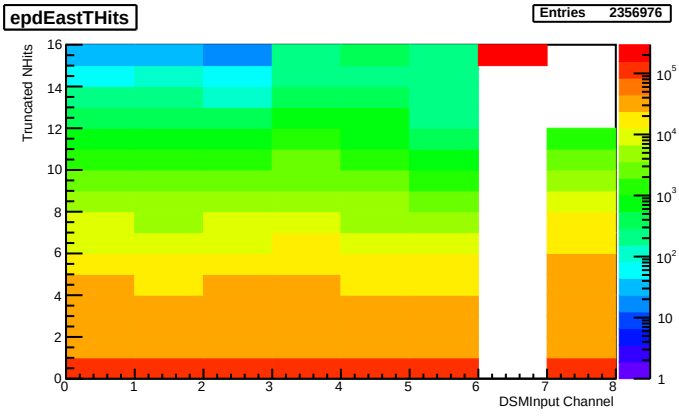

bbcSmallWestAdcSumVsSimu
Entries 249345
Data
Simu

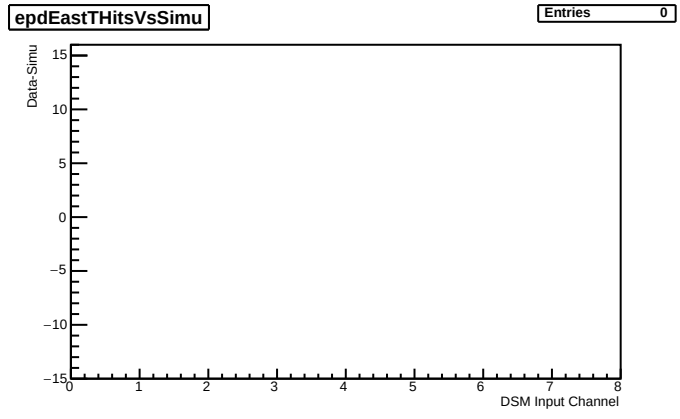

bbcSmallWestTacMax
Entries 294622


bbcSmallWestTacMaxVsSimu
Entries 249345
Data
Simu


epdEastTacMax
Entries 2356976
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2356976
Truncated NHits
DSMInput Channel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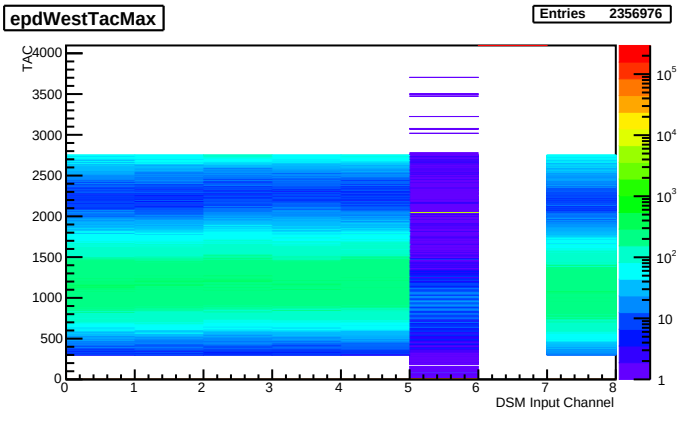
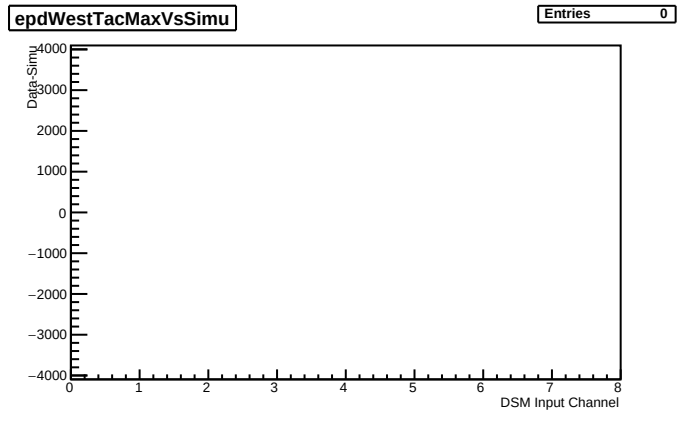
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2356976
TAC
DSM Input Channel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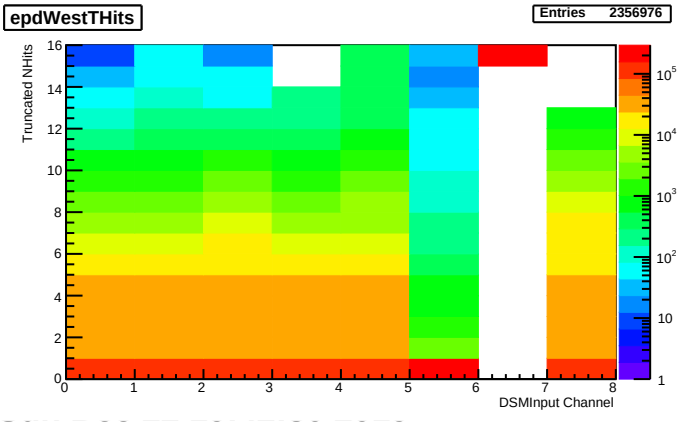
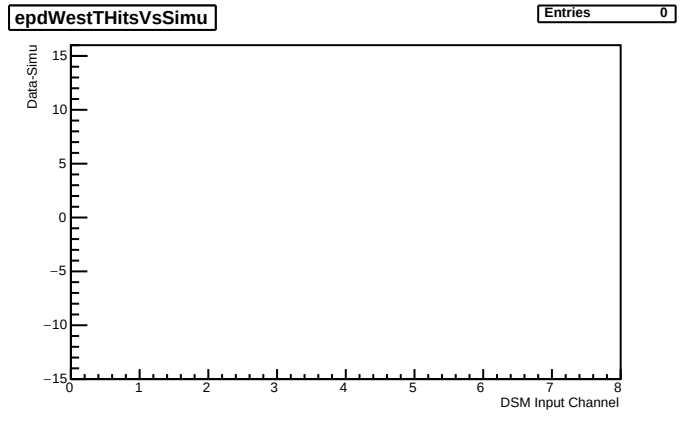
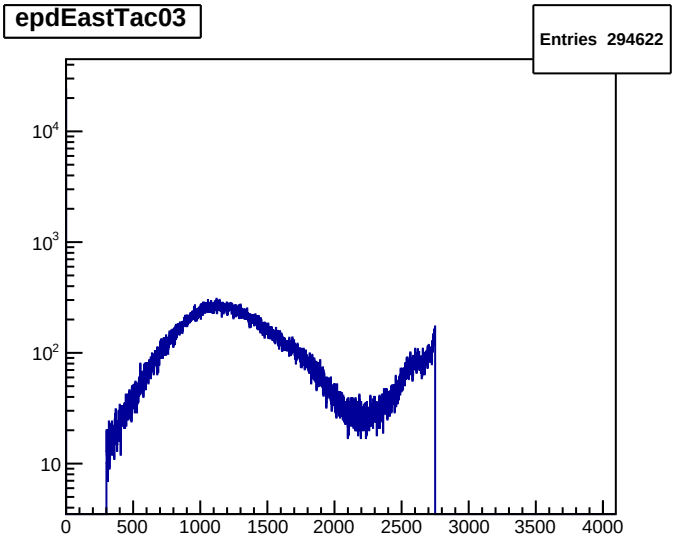
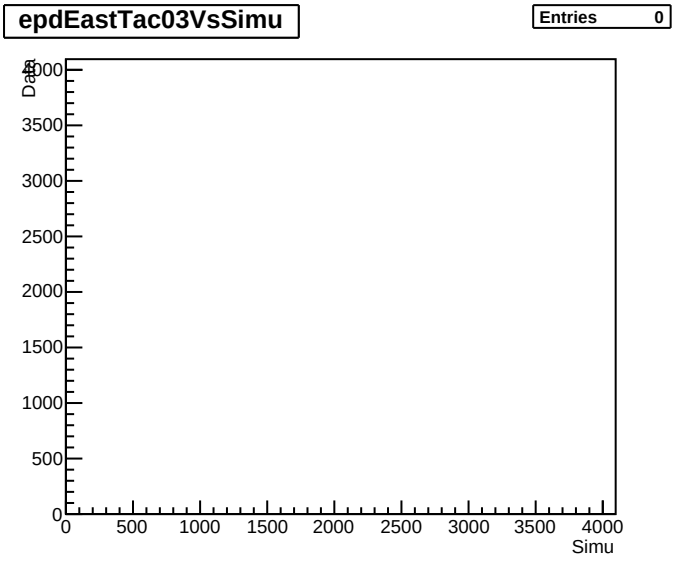
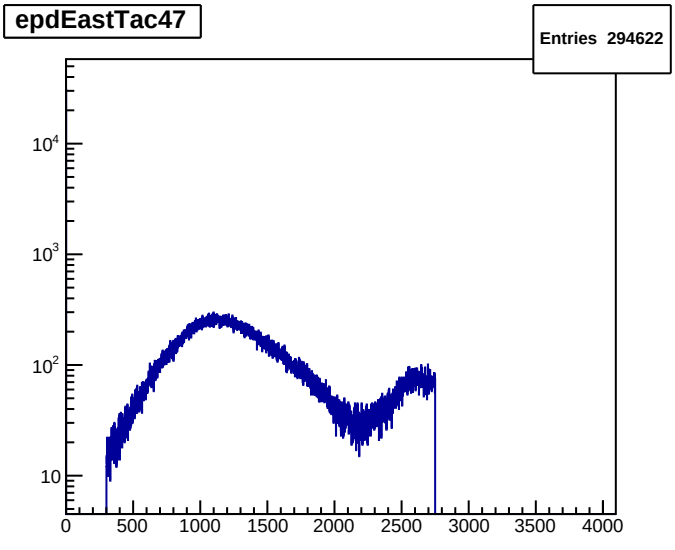
Entries 0
Data-Simu
DSM Input Channel

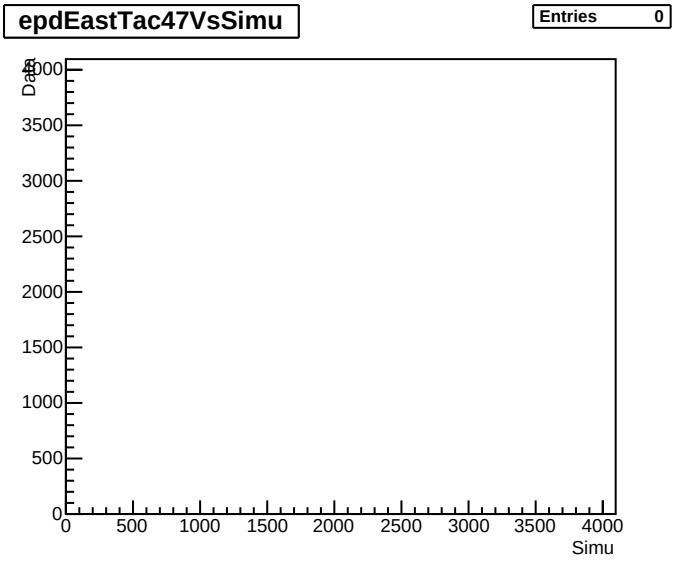

epdWestTHits
Entries 2356976
Truncated NHits
DSMInput Channel

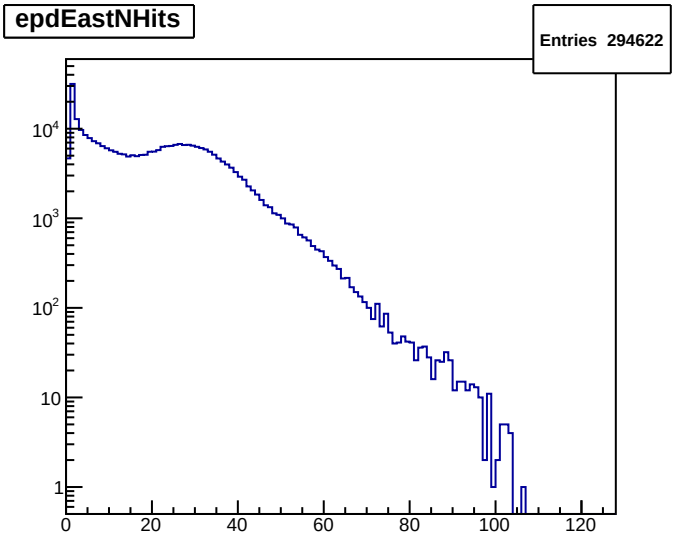

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

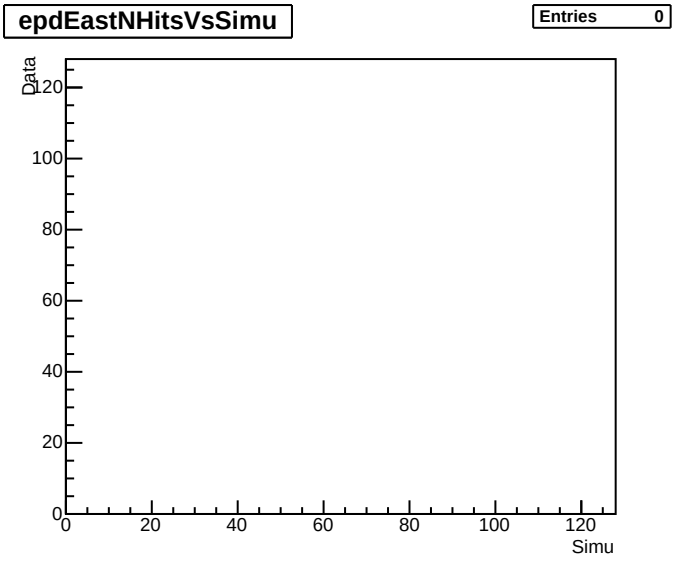

epdEastTac03
Entries 294622


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 294622


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 294622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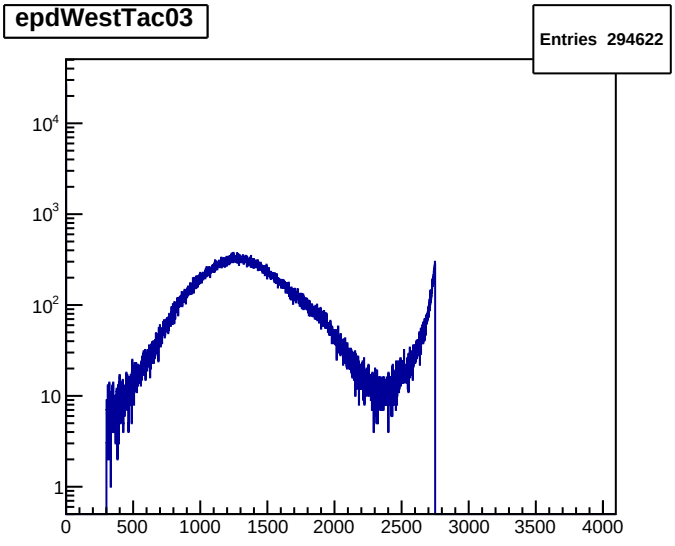
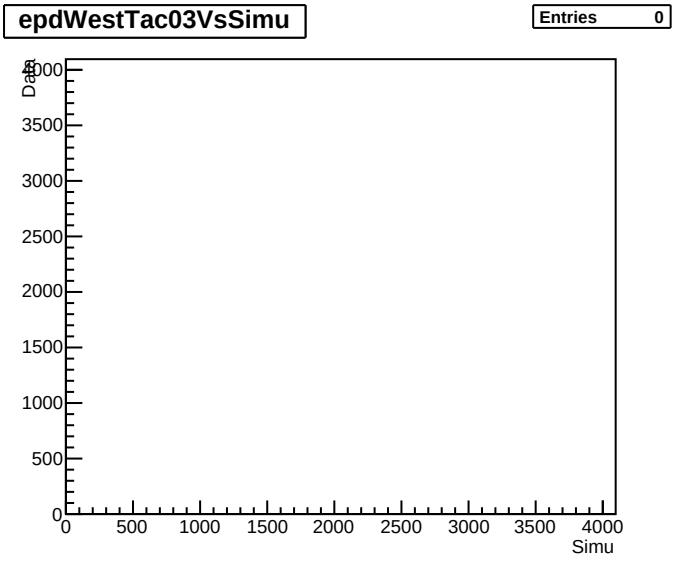
Entries 0
Data
Simu


epdWestTac03
Entries 294622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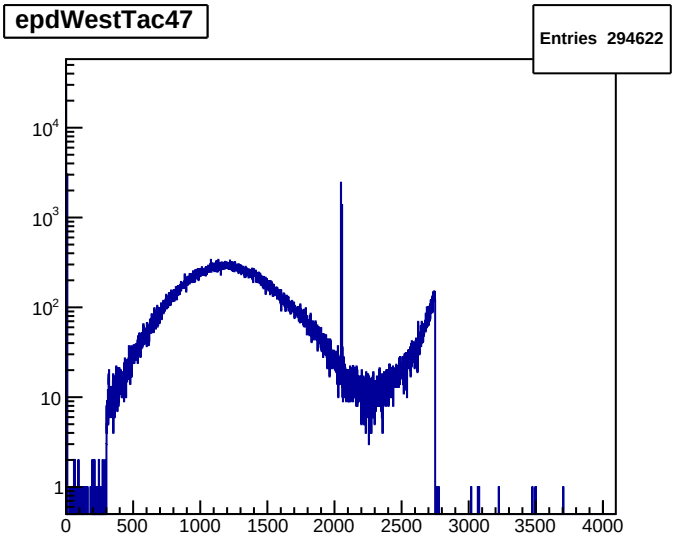
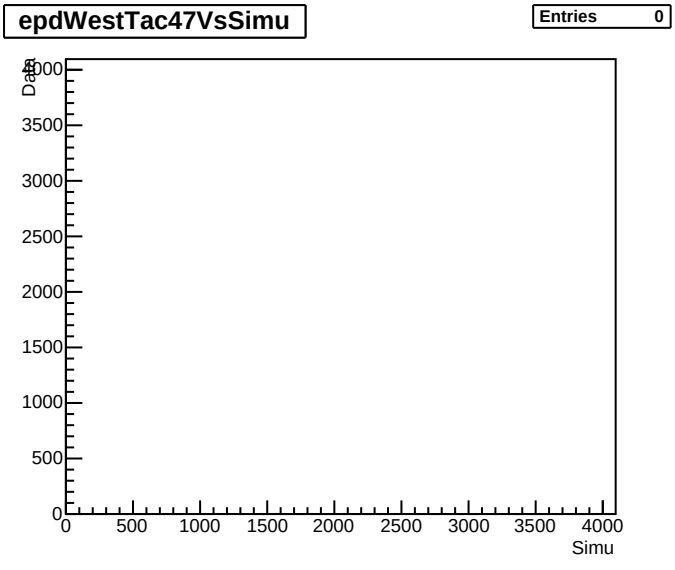
Entries 0
Data
Simu


epdWestTac47
Entries 294622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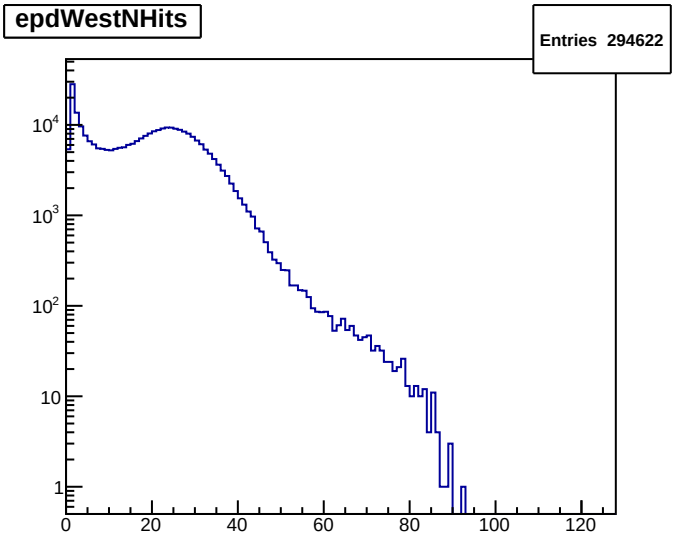
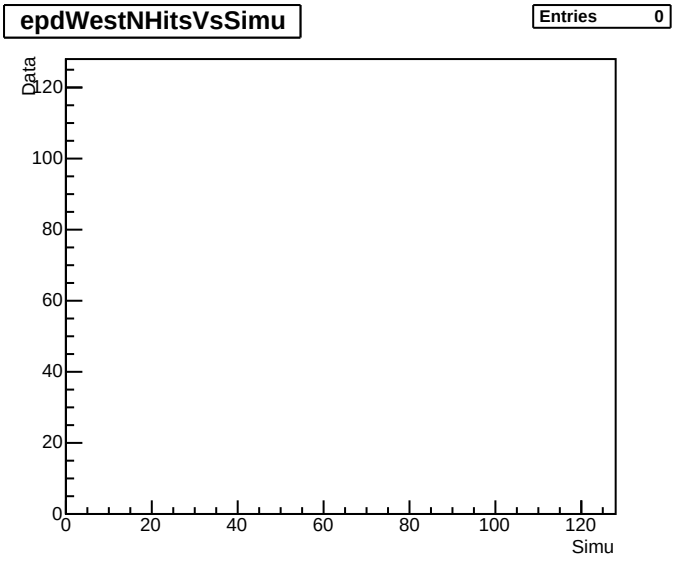
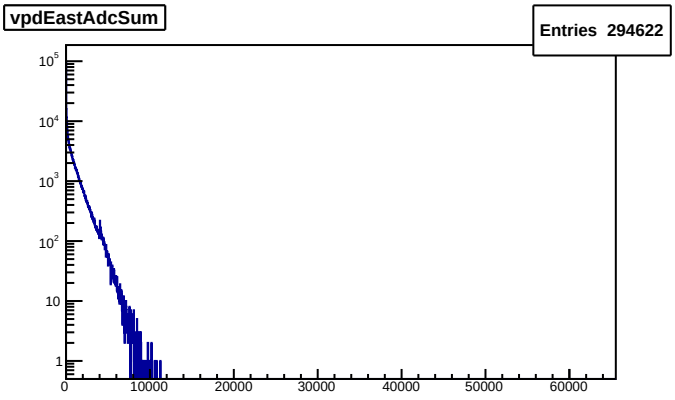
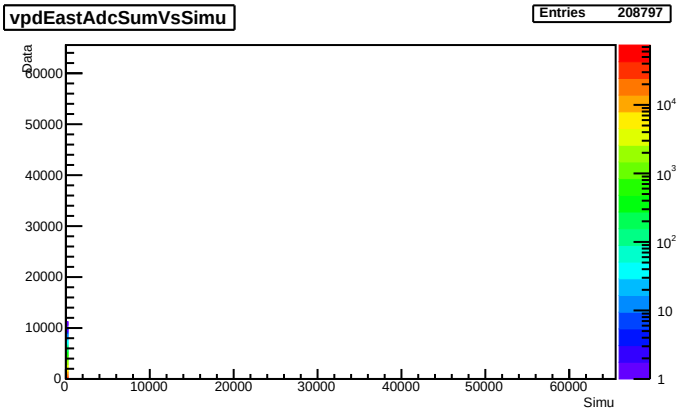
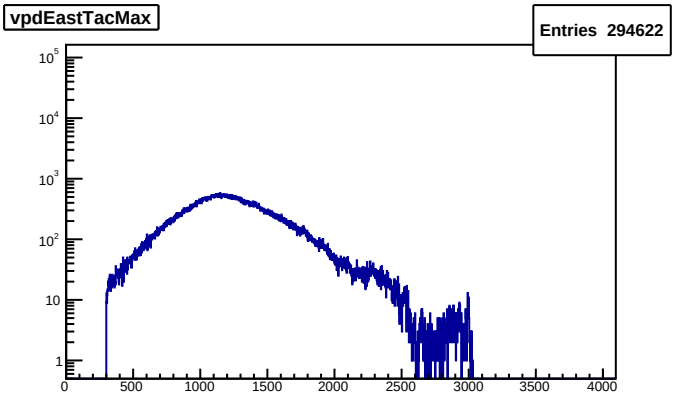
Entries 0
Data
Simu

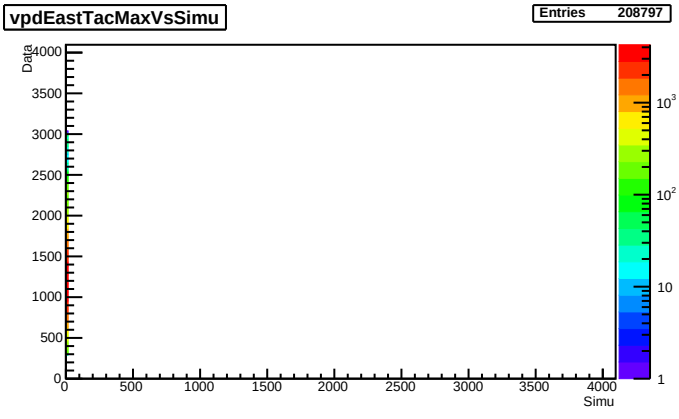

epdWestNHits
Entries 294622

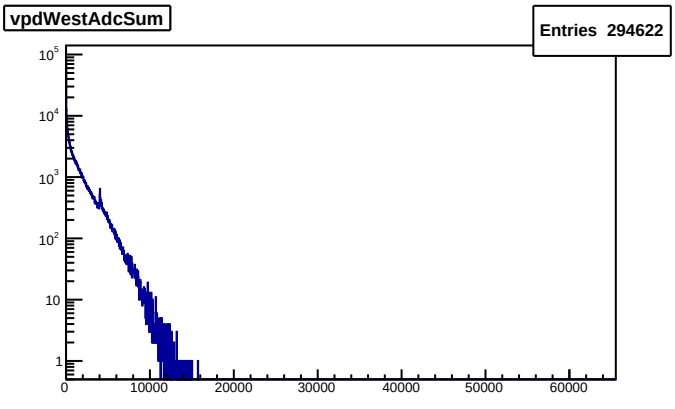

epdWestNHitsVsSimu
Entries 0
Data
Simu

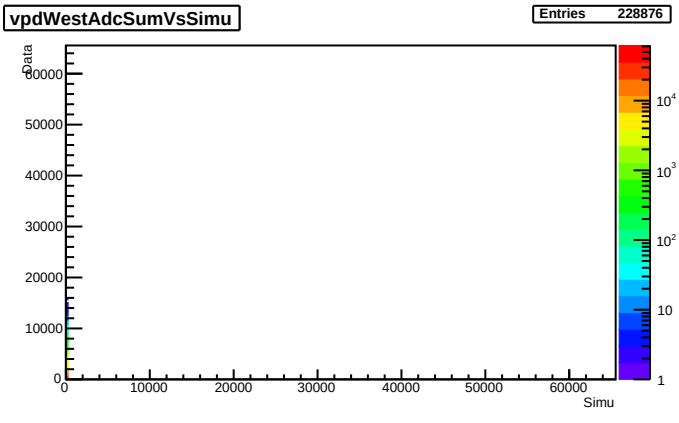

vpdEastAdcSum
Entries 294622

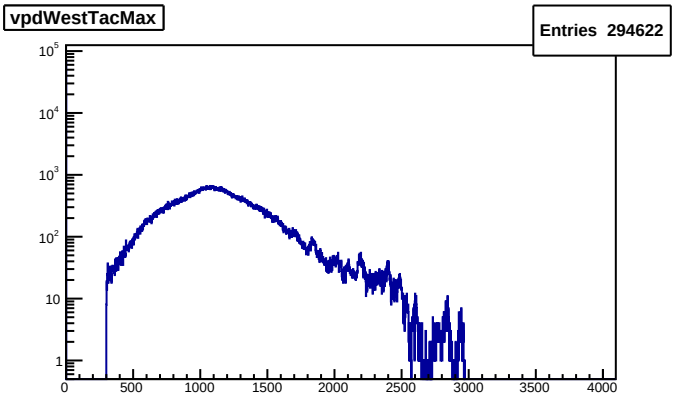

vpdEastAdcSumVsSimu
Entries 208797
Data
Simu

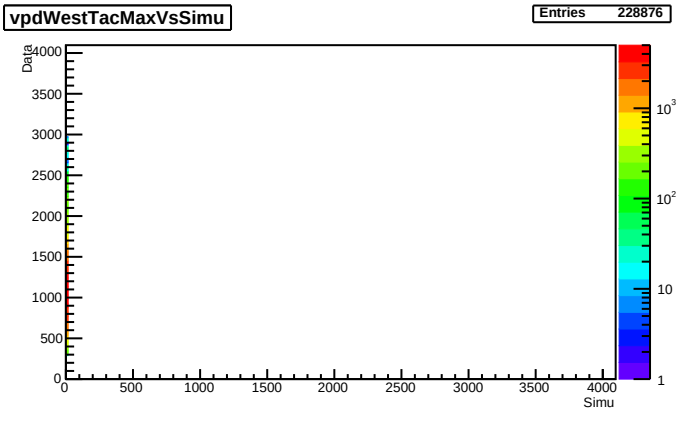

vpdEastTacMax
Entries 294622

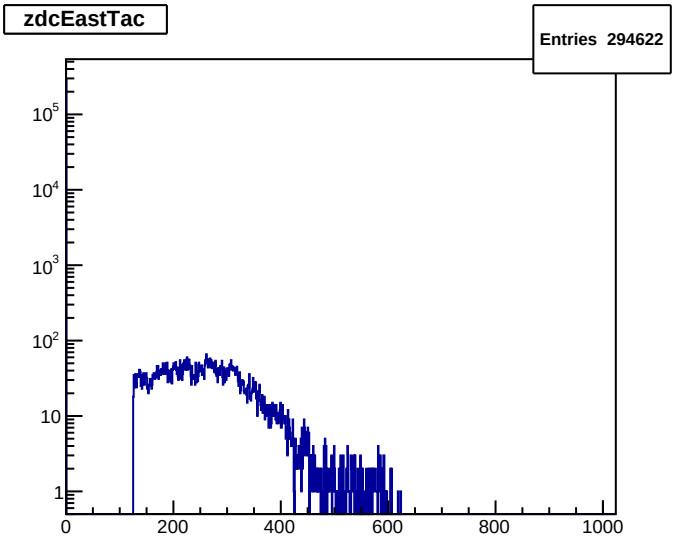

vpdEastTacMaxVsSimu
Entries 208797
Data
Simu

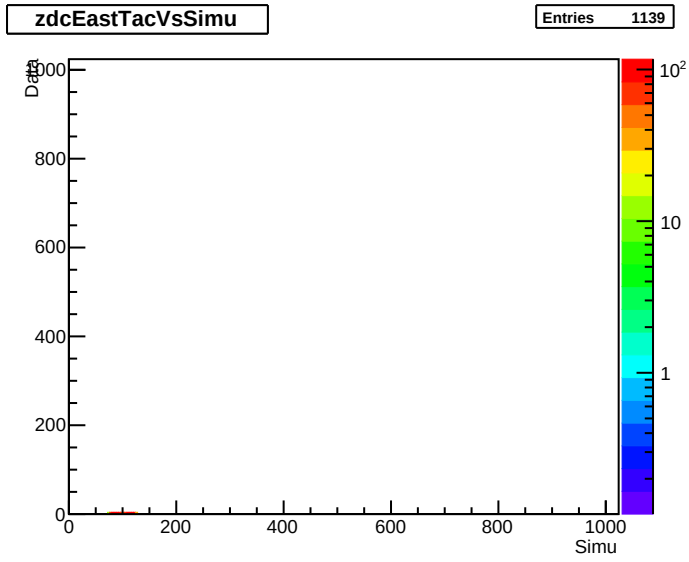

vpdWestAdcSum
Entries 294622

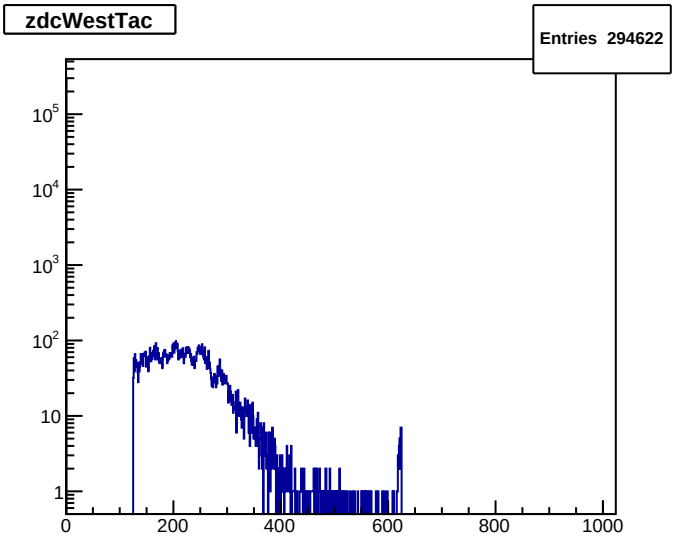

vpdWestAdcSumVsSimu
Entries 228876
Data
Simu

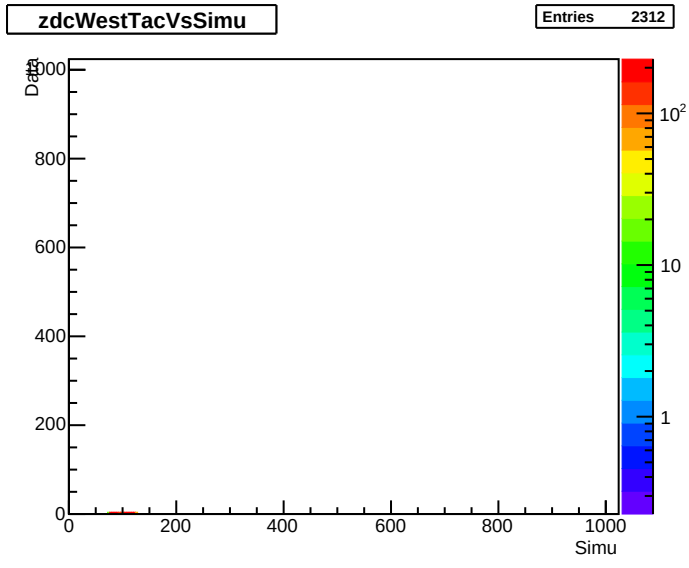

vpdWestTacMax
Entries 294622

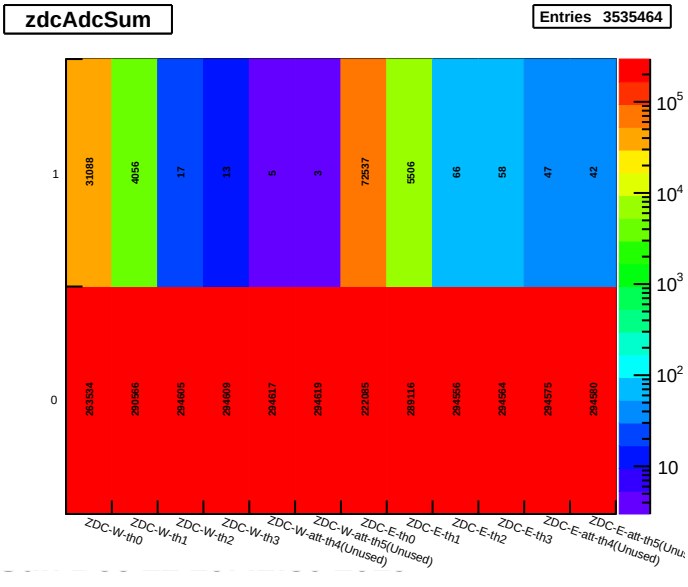

vpdWestTacMaxVsSimu
Entries 228876
Data
Simu

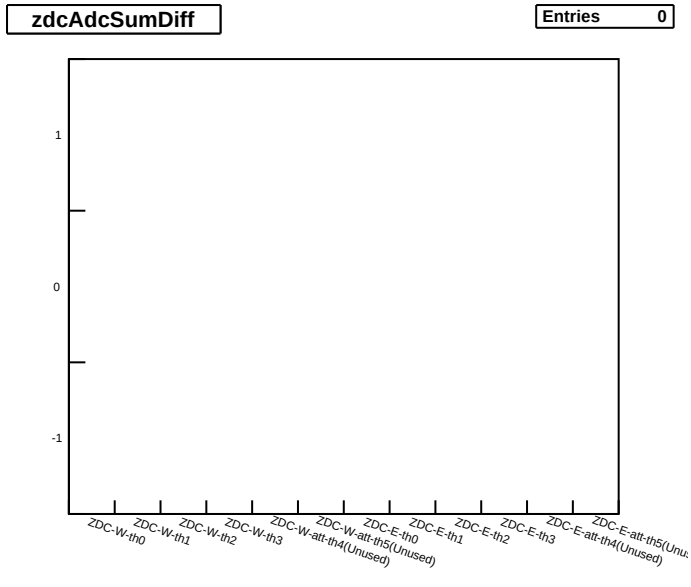

zdcEastTac
Entries 294622

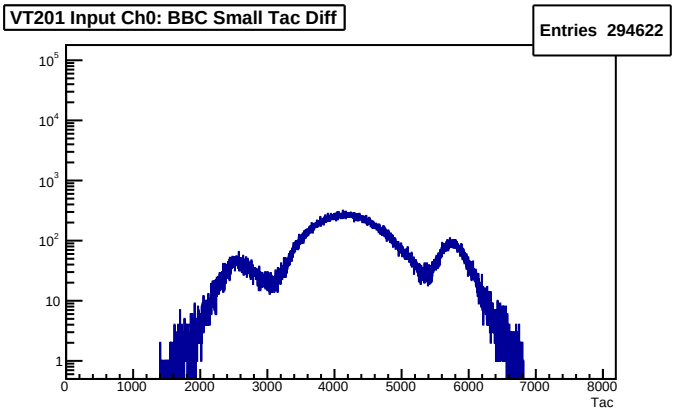

zdcEastTacVsSimu
Entries 1139
Data
Simu

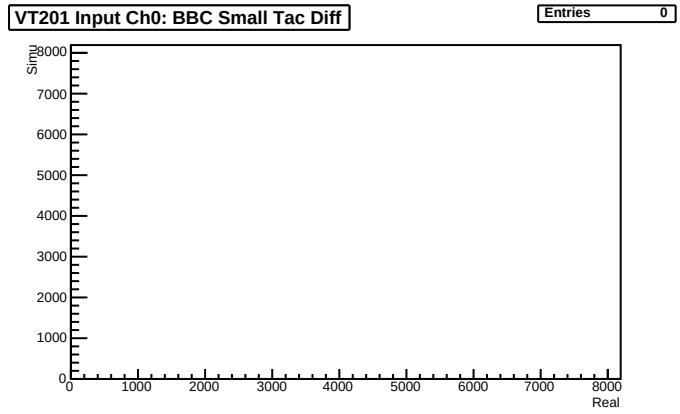

zdcWestTac
Entries 294622

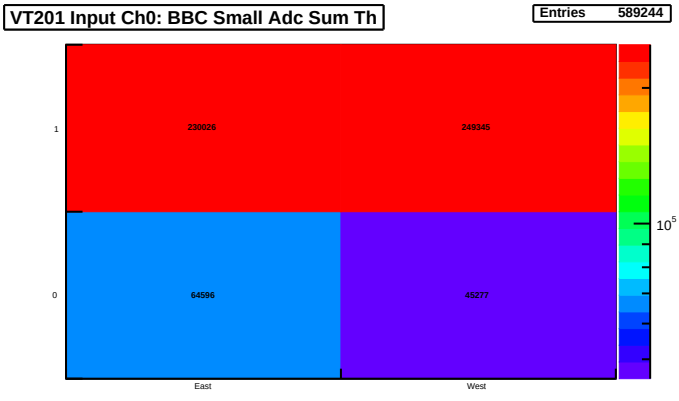

zdcWestTacVsSimu
Entries 2312
Data
Simu

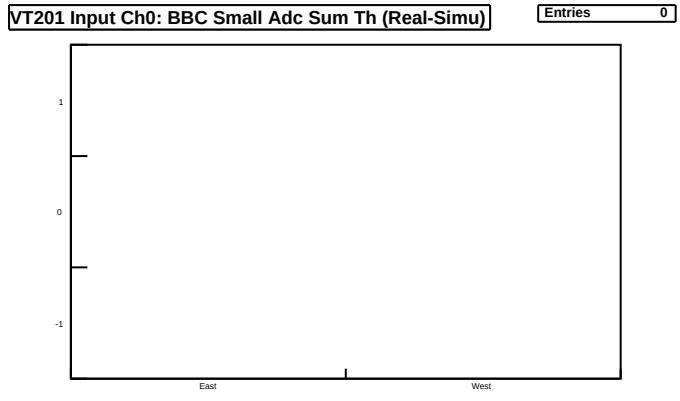

zdcAdcSum
Entries 3535464
31088
4056
17
13
5
3
72537
5506
66
58
47
42
263534
290566
294605
294609
294617
294619
222085
289116
294556
294564
294575
294580
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

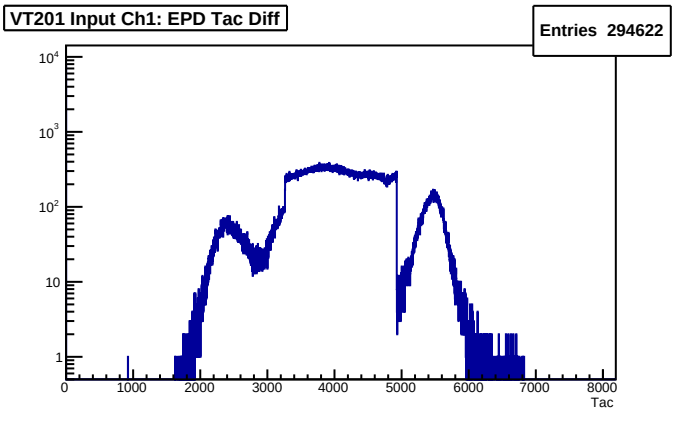

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

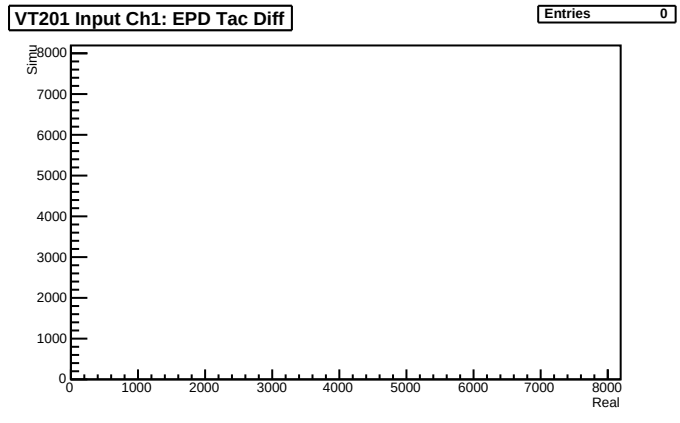

VT201 Input Ch0: BBC Small Tac Diff
Entries 294622
Tac

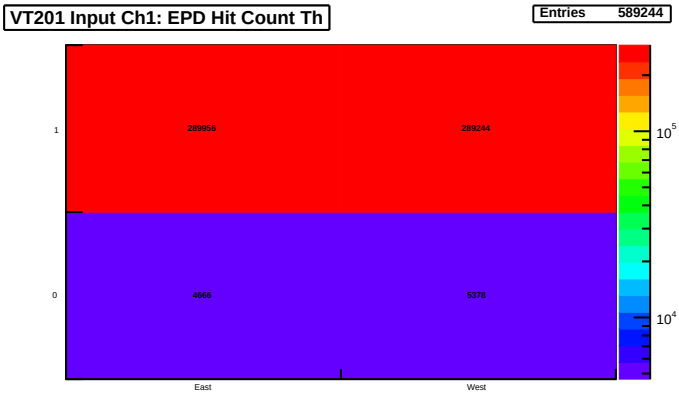

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

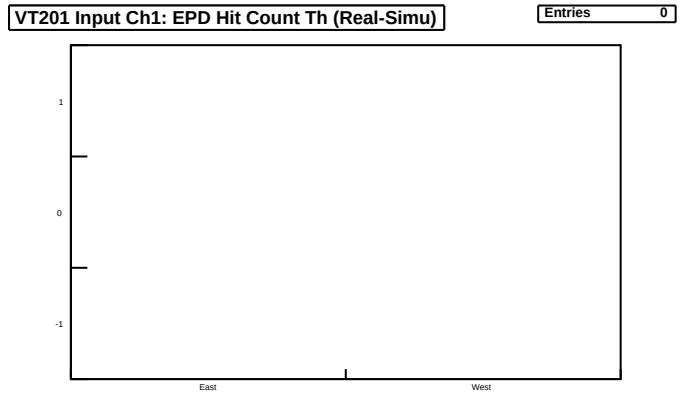

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 589244
230026
249345
64596
45277
East
West

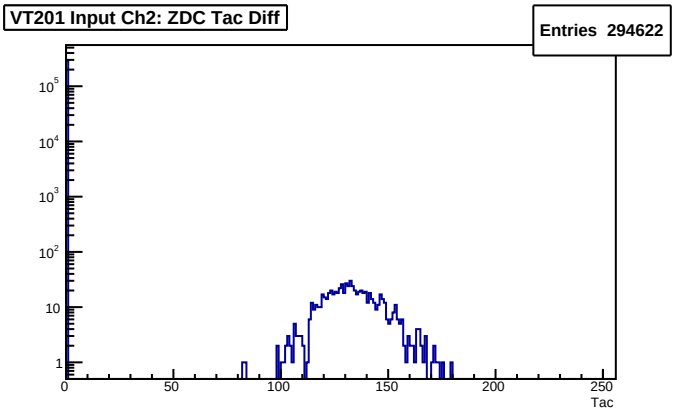

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

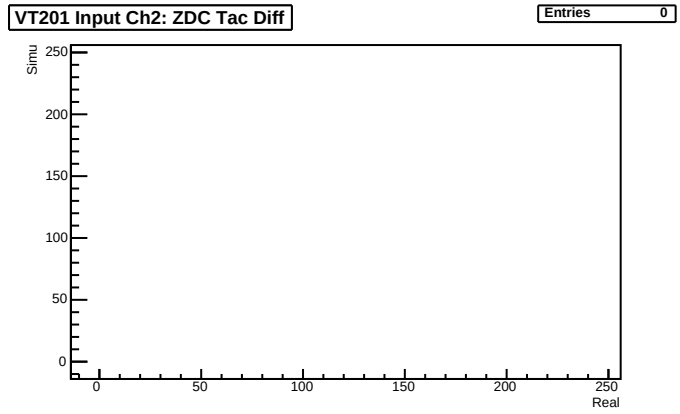

VT201 Input Ch1: EPD Tac Diff
Entries 294622
Tac

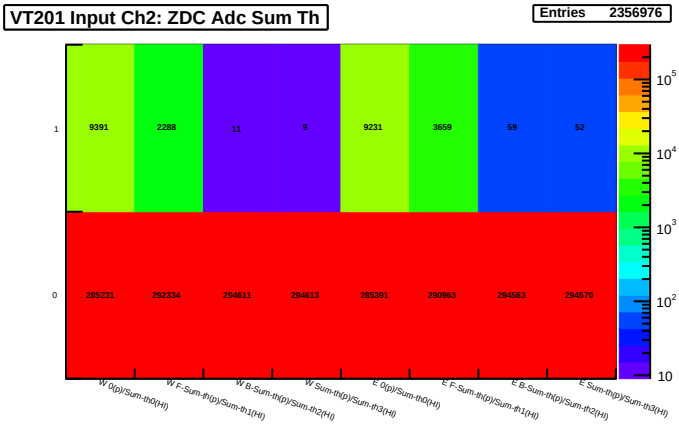

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

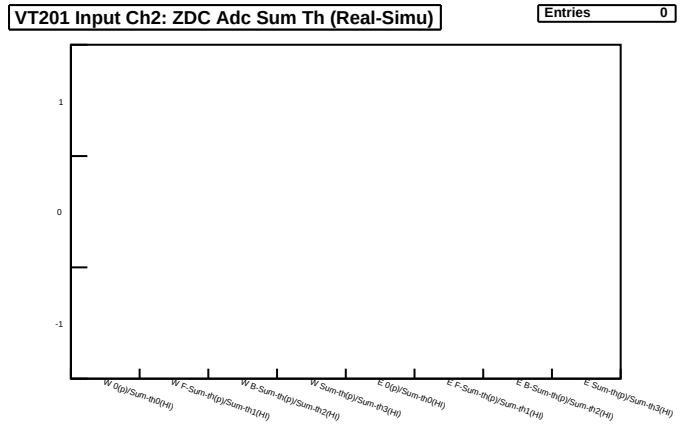

VT201 Input Ch1: EPD Hit Count Th
Entries 589244
289956
289244
4686
5378
East
West

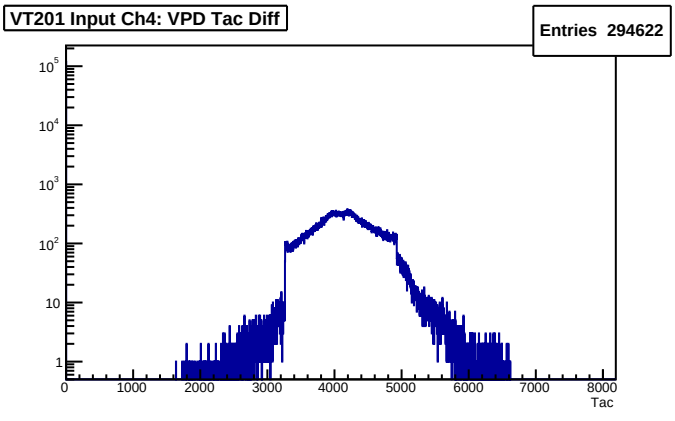

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

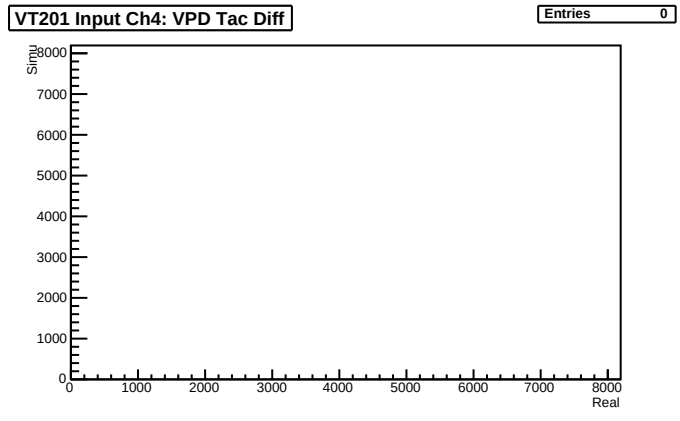

VT201 Input Ch2: ZDC Tac Diff
Entries 294622
Tac

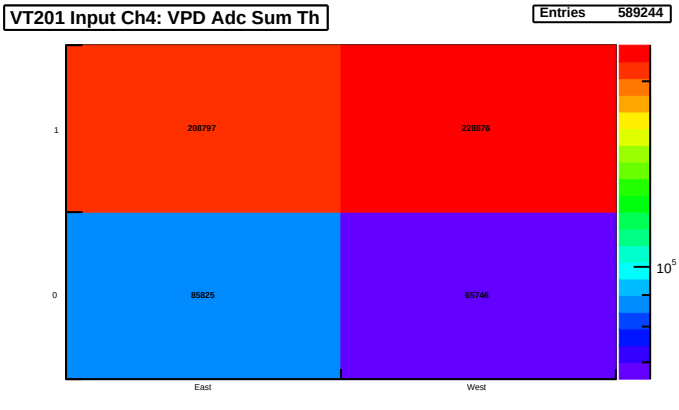

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

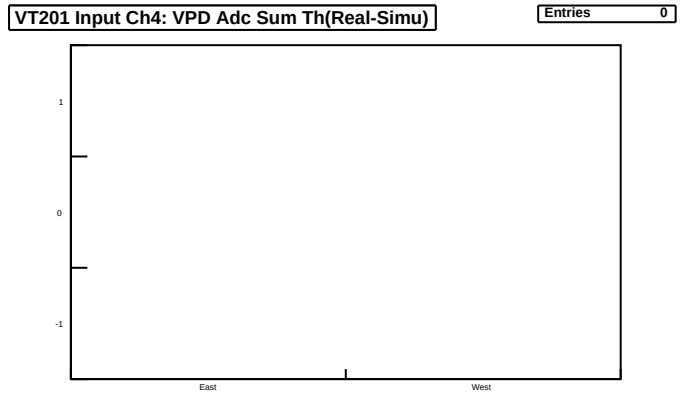

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2356976
9391
2288
11
9
9231
3659
59
52
285231
292334
294611
294613
285391
290963
294563
294570
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

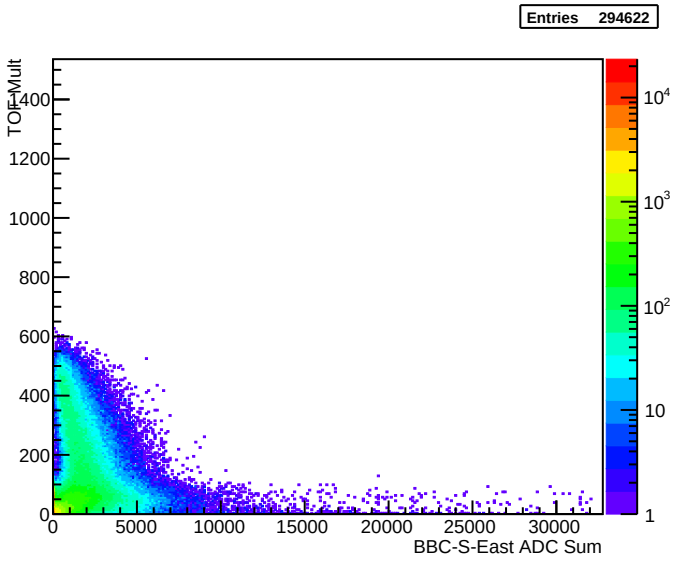

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

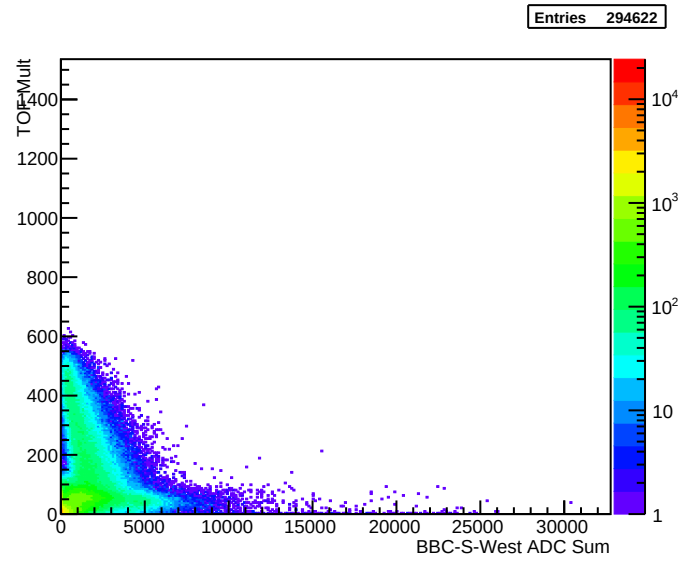

VT201 Input Ch4: VPD Tac Diff
Entries 294622
Tac

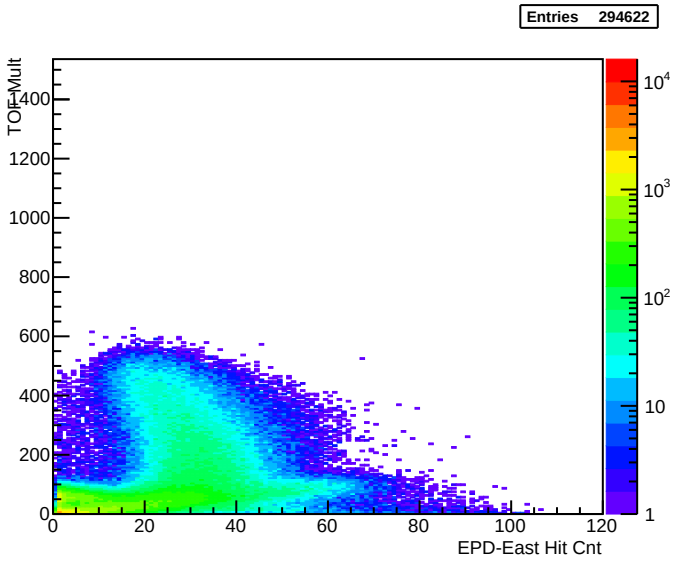

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

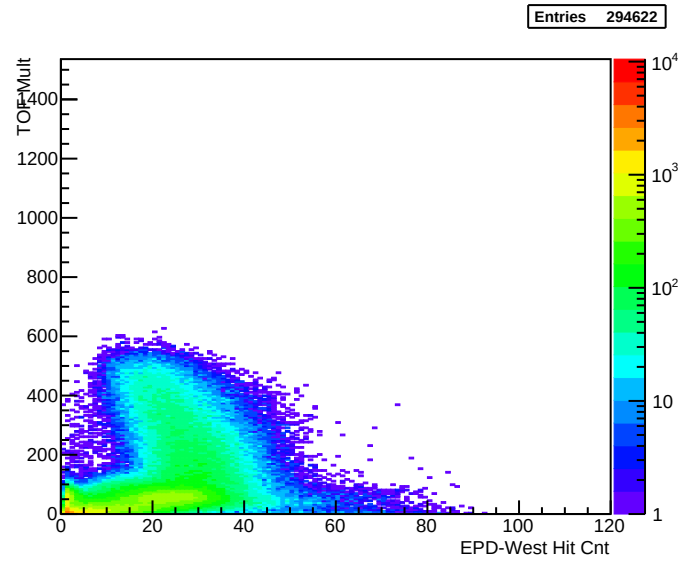

VT201 Input Ch4: VPD Adc Sum Th
Entries 589244
208797
228876
85825
65746
East
West

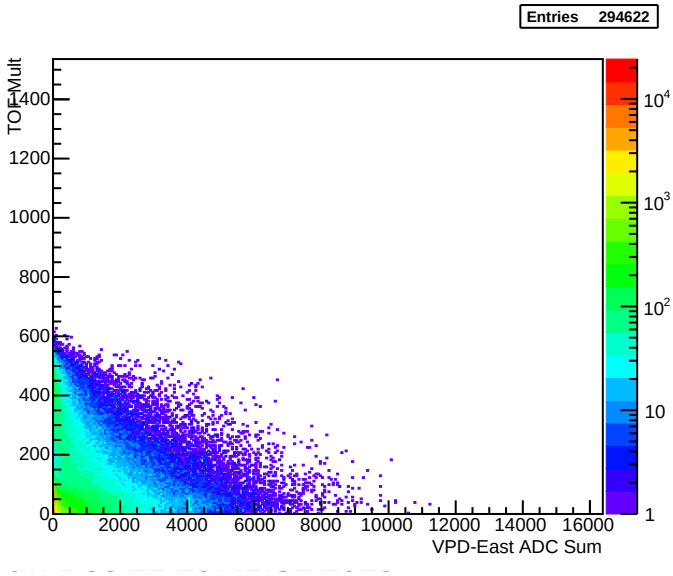

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

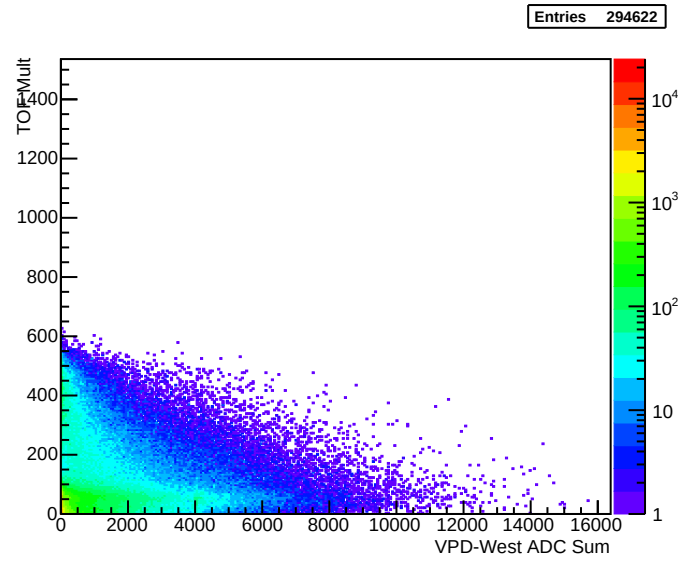

Entries 294622
TOF-Mult
BBC-S-East ADC Sum

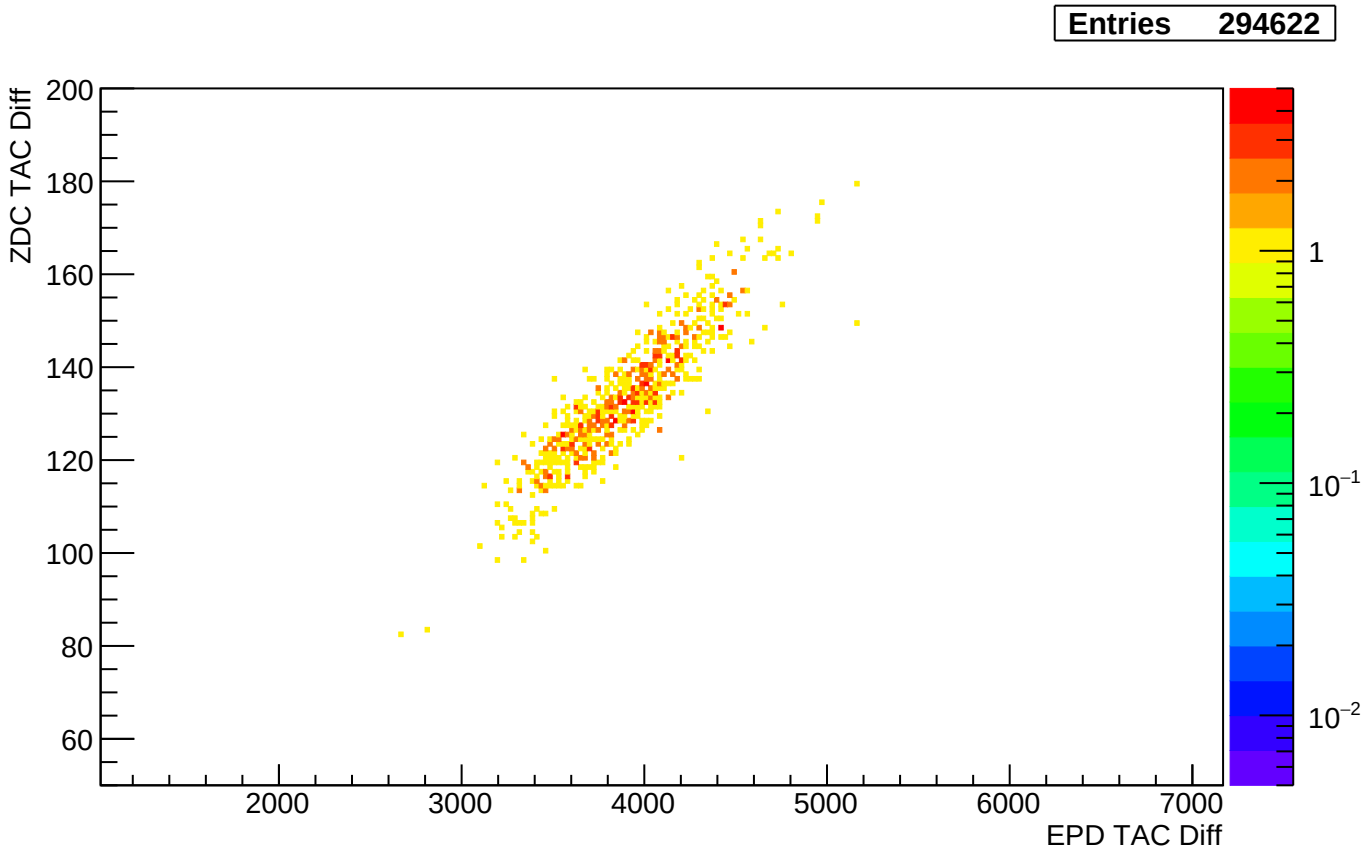

Entries 294622
TOF-Mult
BBC-S-West ADC Sum

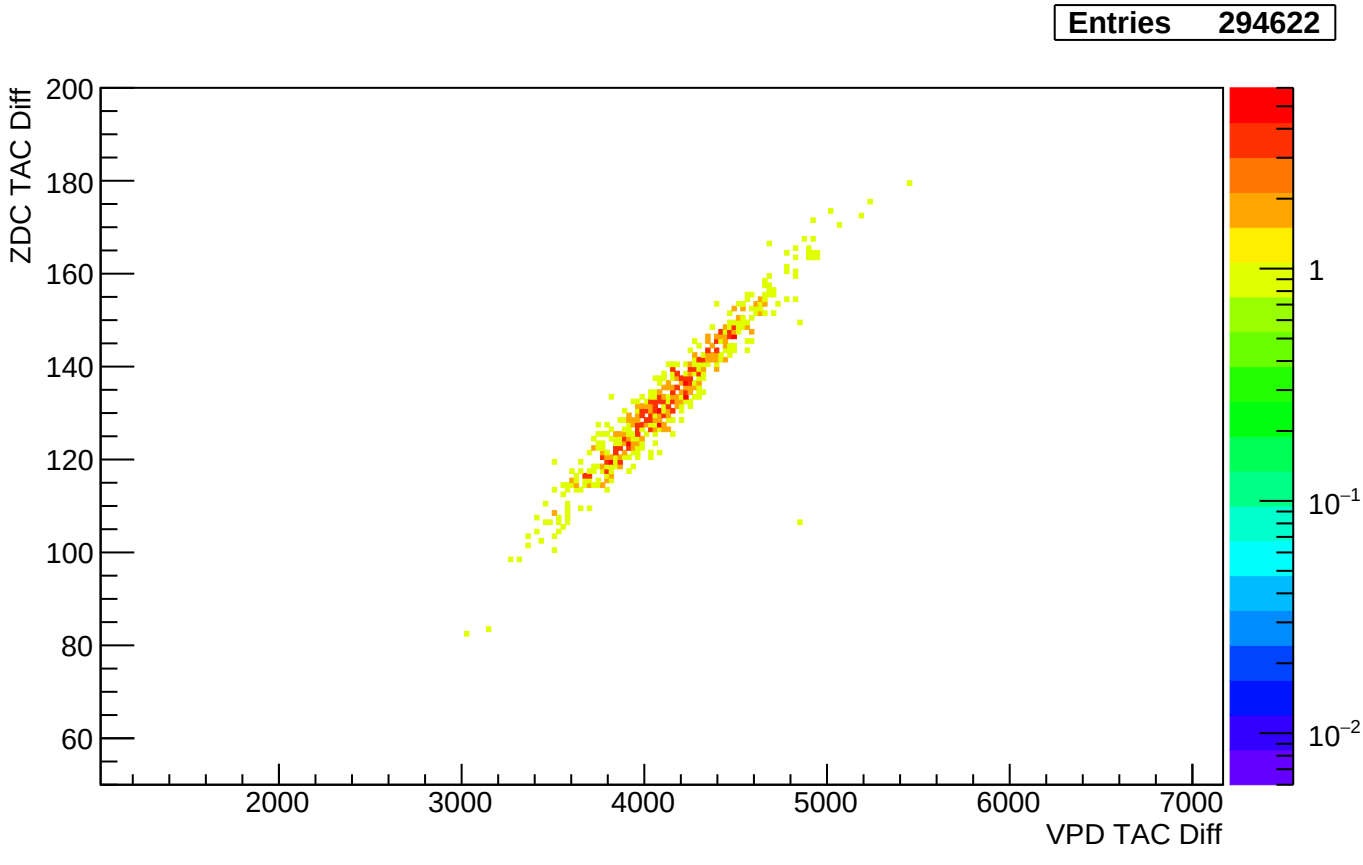

Entries 294622
TOF-Mult
EPD-East Hit Cnt

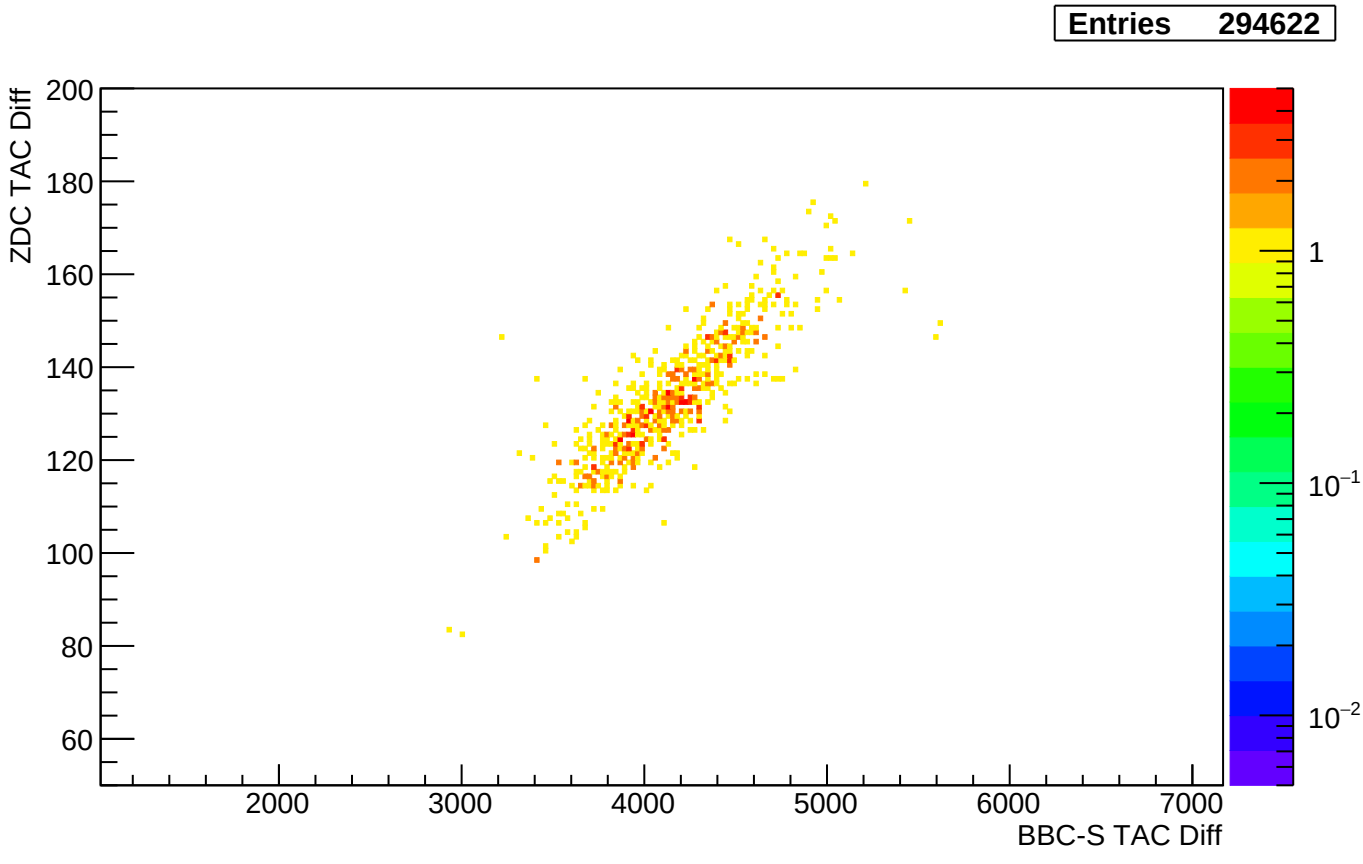

Entries 294622
TOF-Mult
EPD-West Hit Cnt

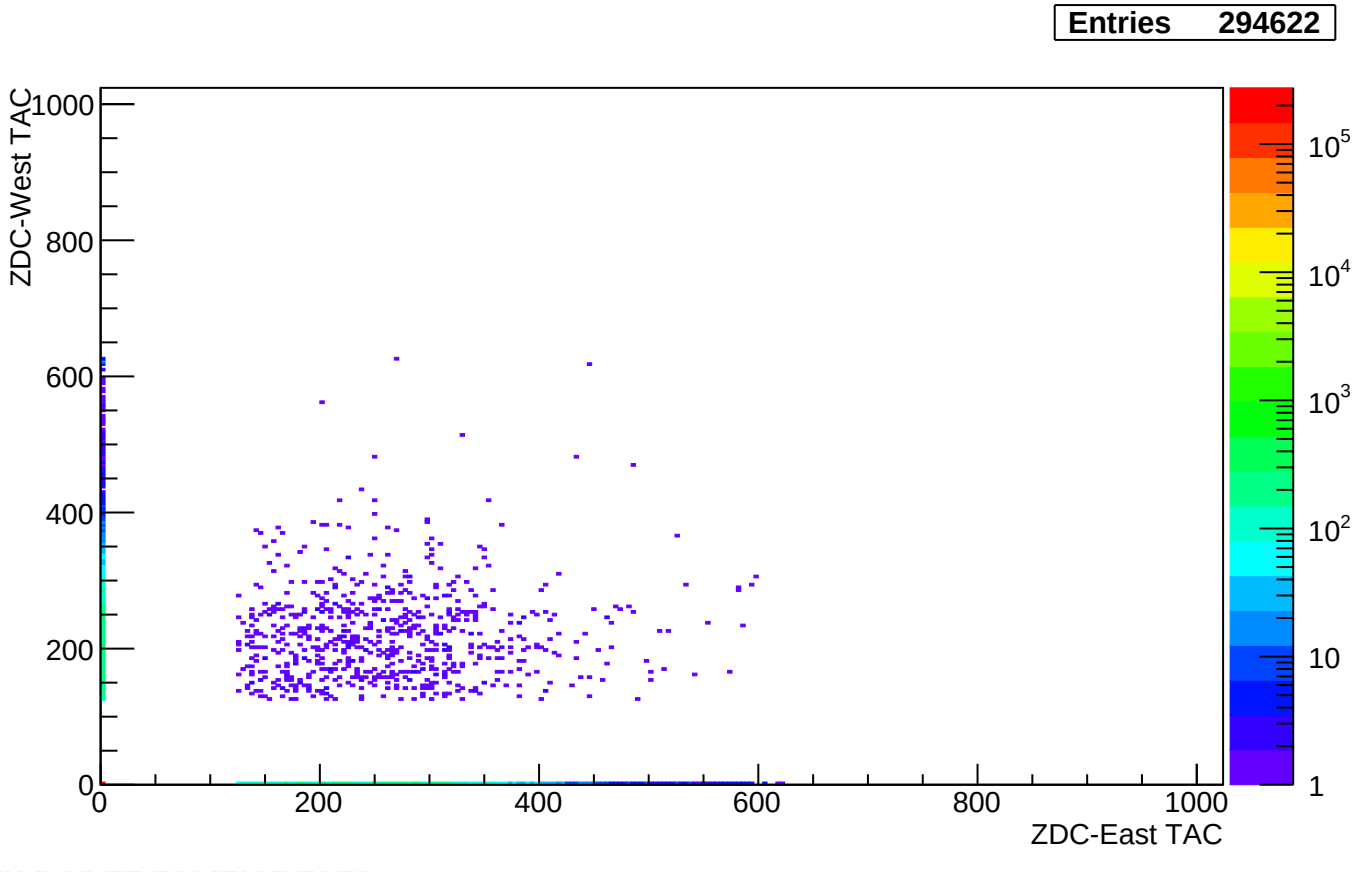

Entries 294622
TOF-Mult
VPD-East ADC Sum

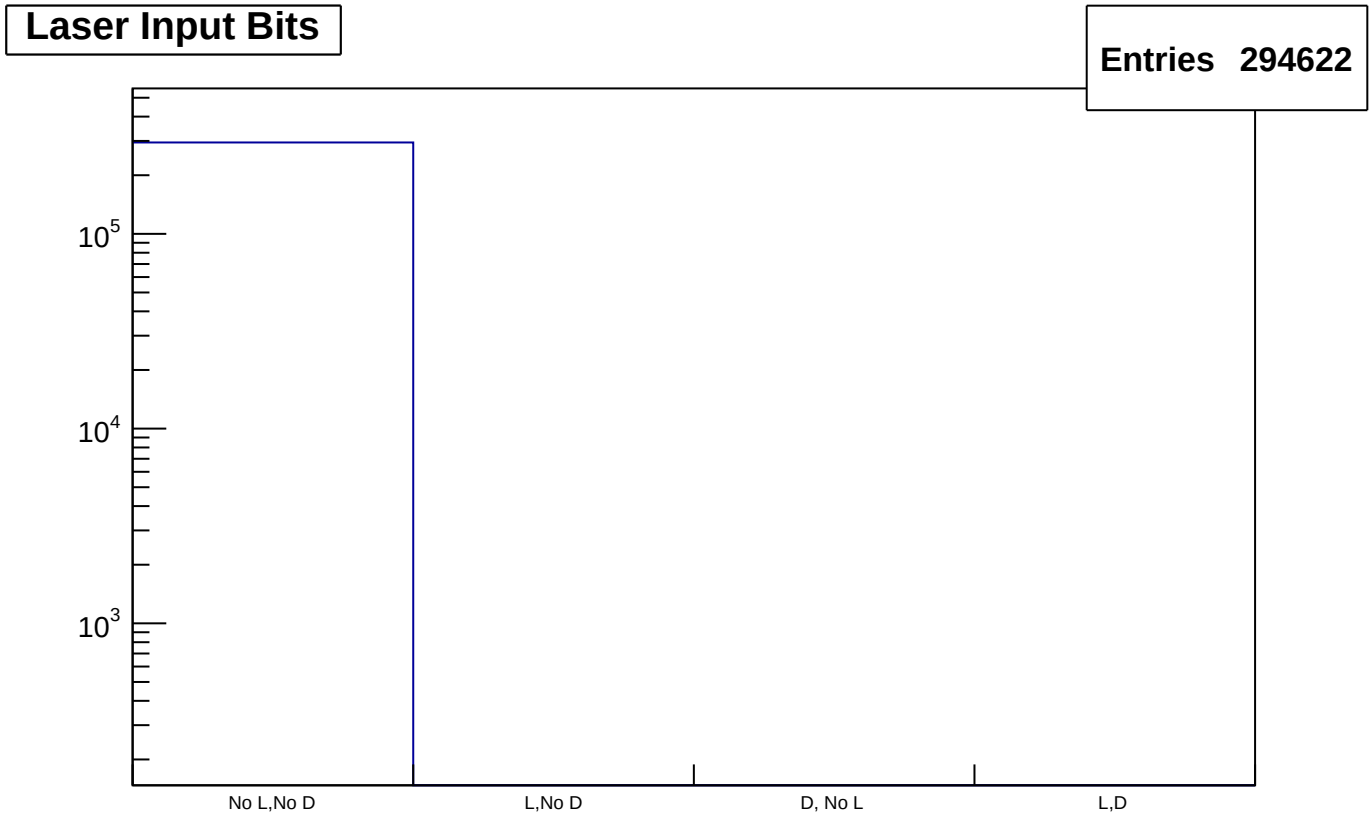

Entries 294622
TOF-Mult
VPD-West ADC Sum

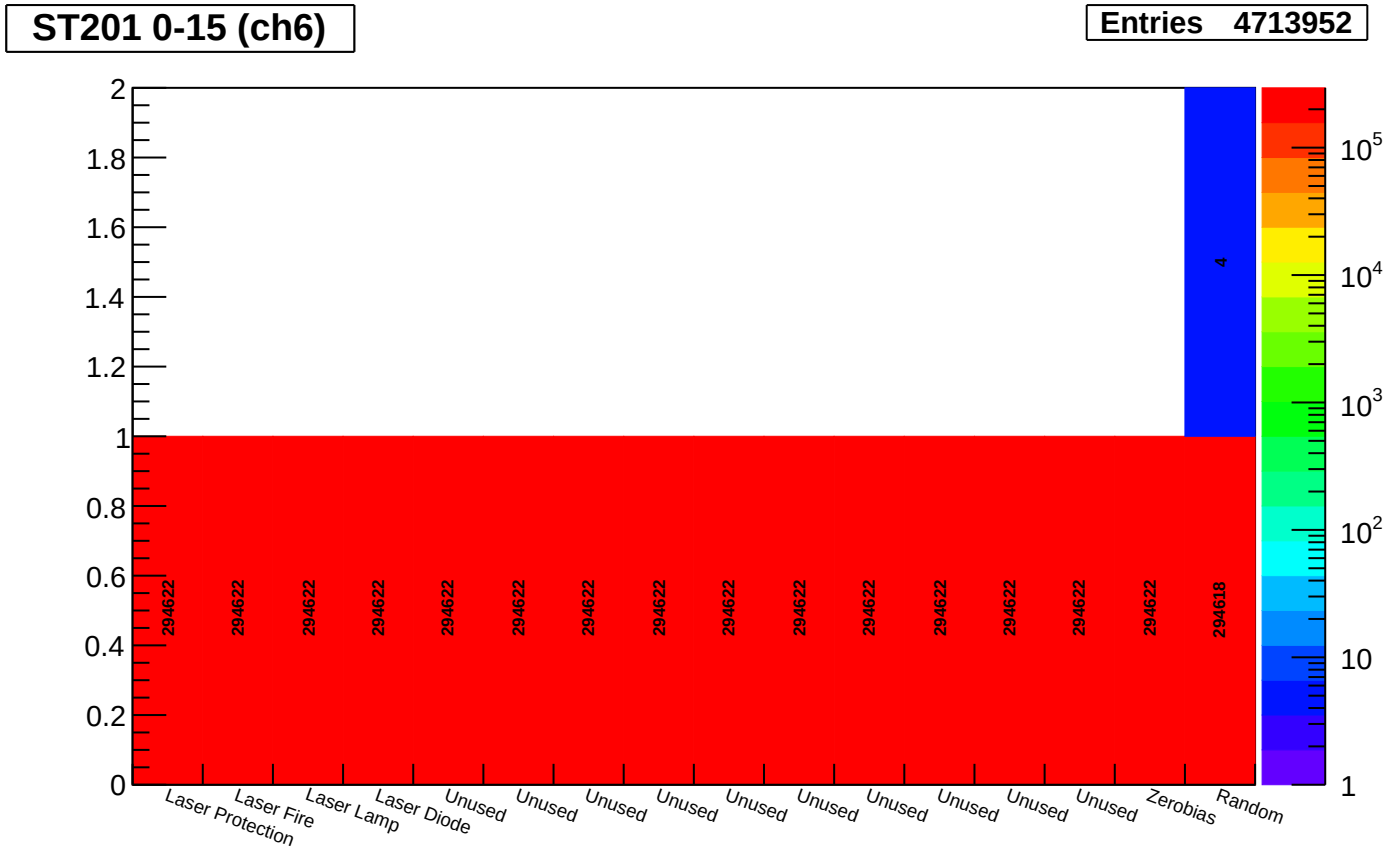

Entries 294622
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

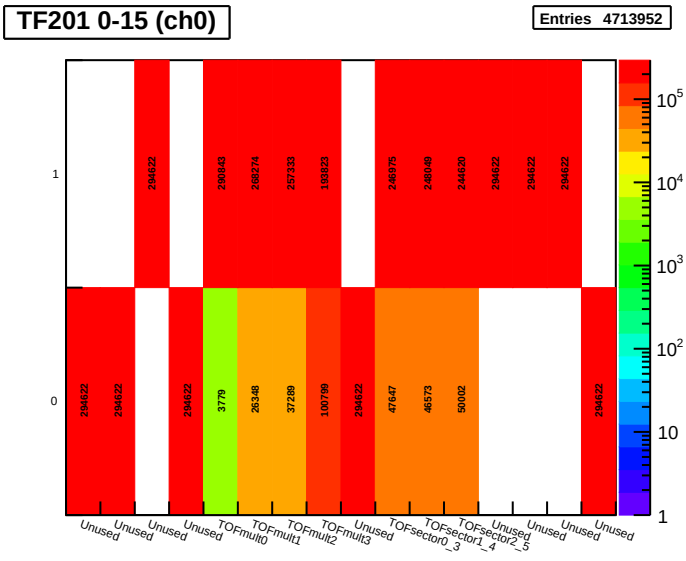

Entries 294622
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

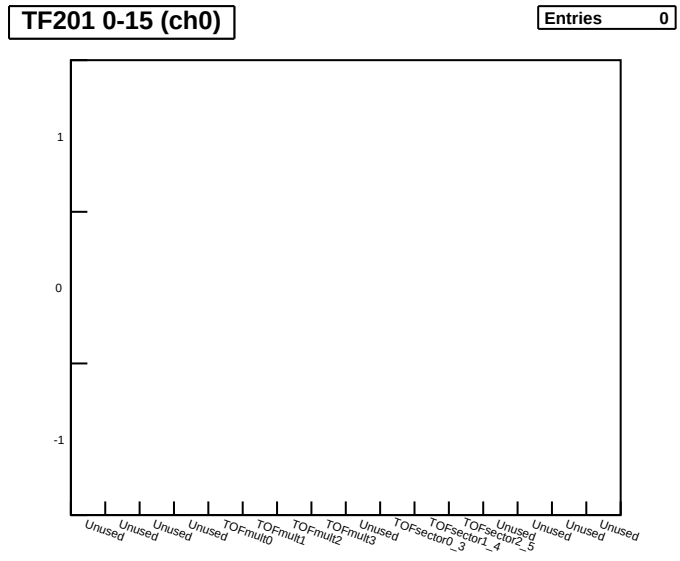

Entries 294622
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

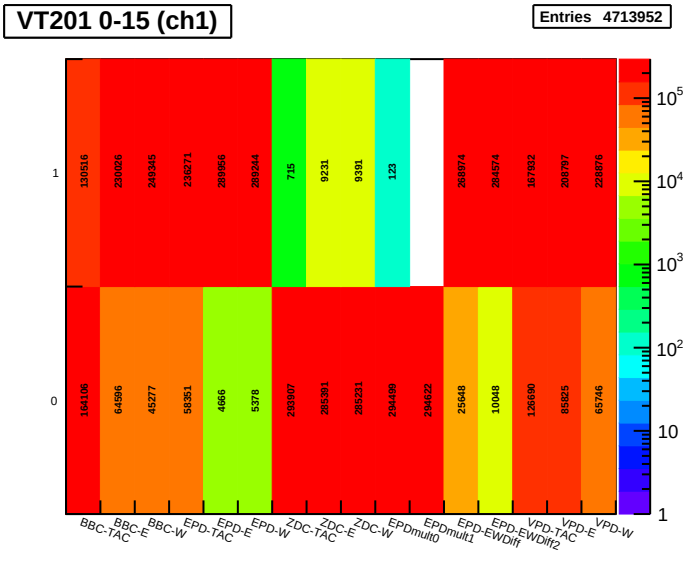

Entries 294622
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

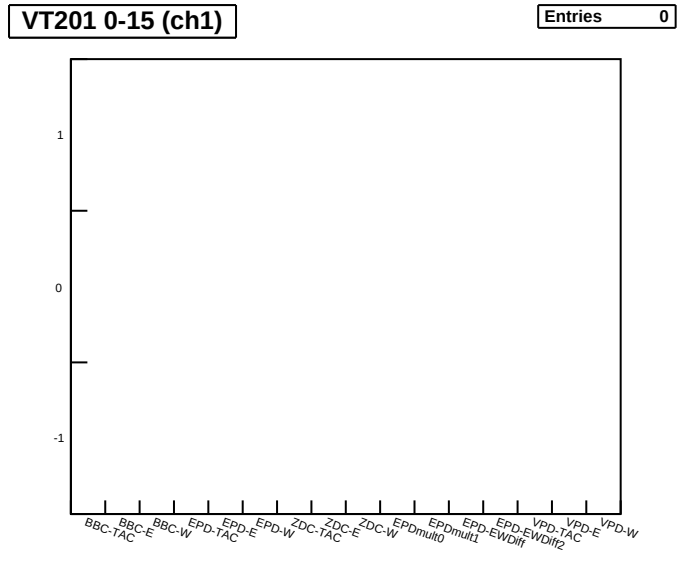

Laser Input Bits
Entries 294622
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

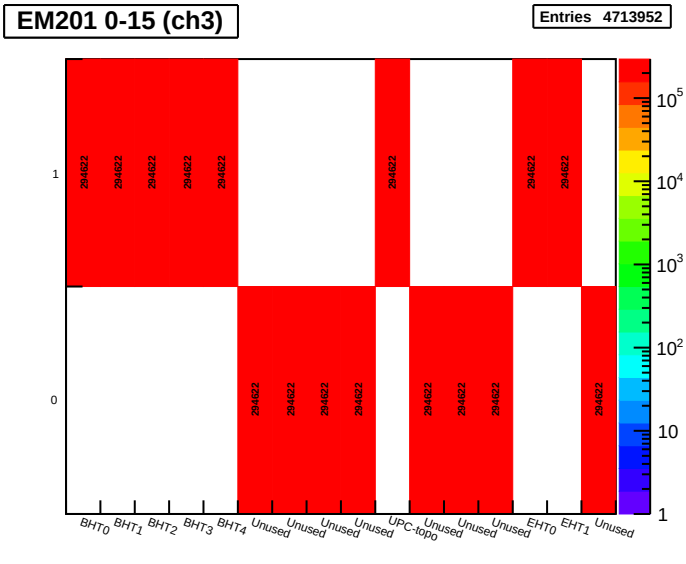

ST201 0-15 (ch6)
Entries 4713952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
294622
294622
294622
294622
294622
294622
294622
294622
294622
294622
294622
294622
294622
294622
294618
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

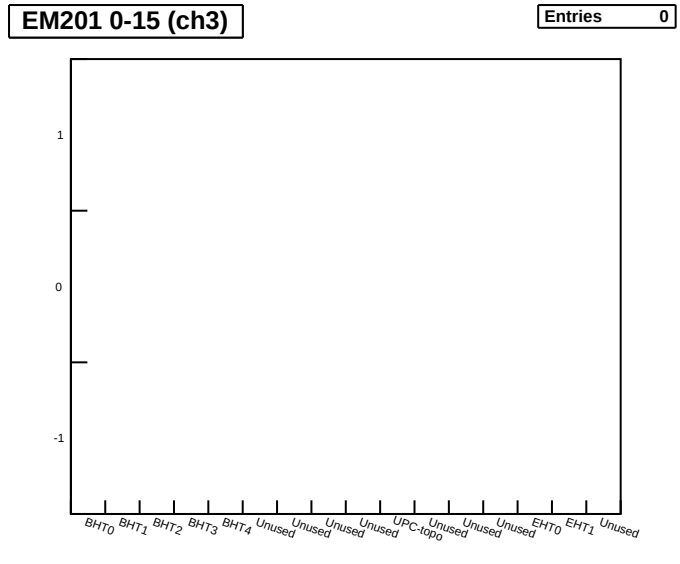

TF201 0-15 (ch0)
Entries 4713952
1
0
294622
290843
268274
257333
193823
246975
248049
244620
294622
294622
294622
294622
294622
3779
26348
37289
100799
47647
46573
50002
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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 4713952
1
0
130516
230026
249345
236271
289956
289244
715
9231
9391
123
268974
284574
167932
208797
228876
164106
64596
45277
58351
4666
5378
283907
285391
285231
294499
294622
25648
10048
126690
85825
65746
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


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 4713952
1
0
294622
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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