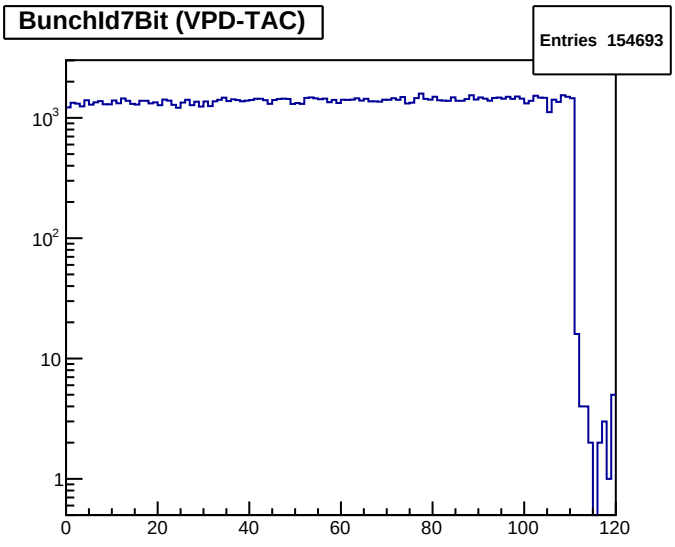
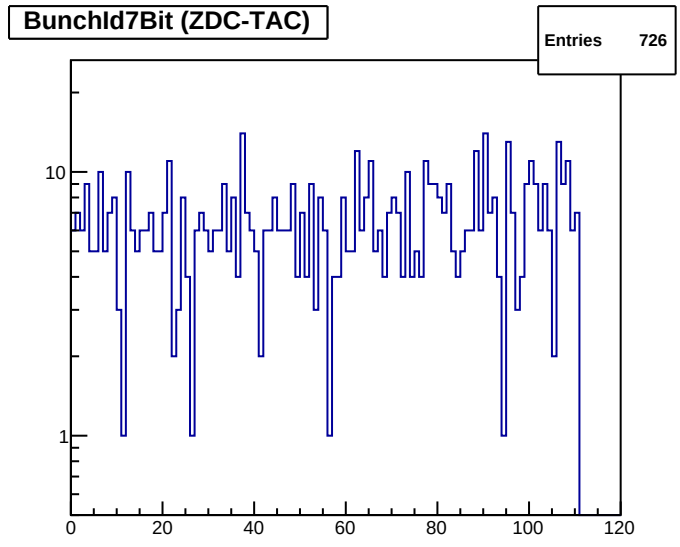
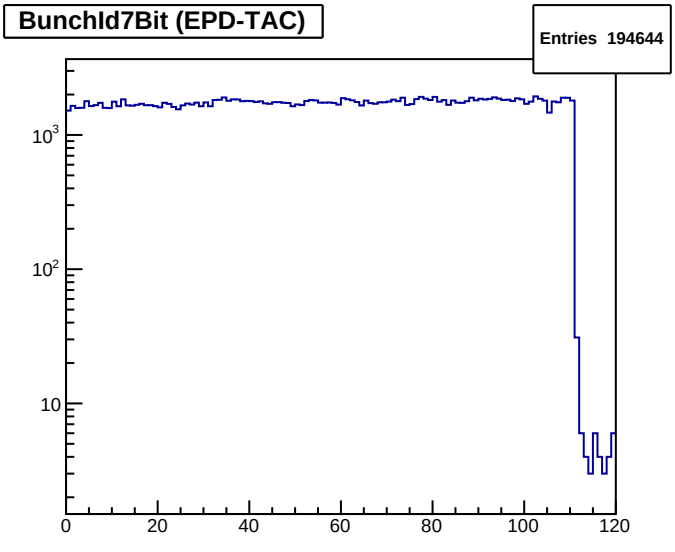
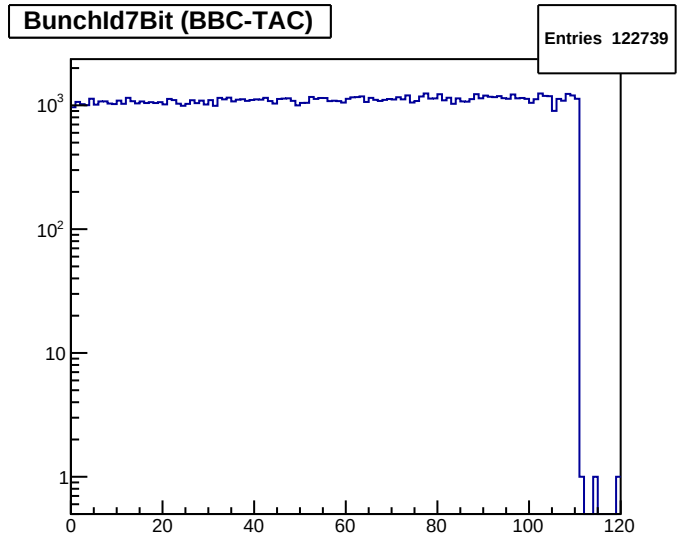
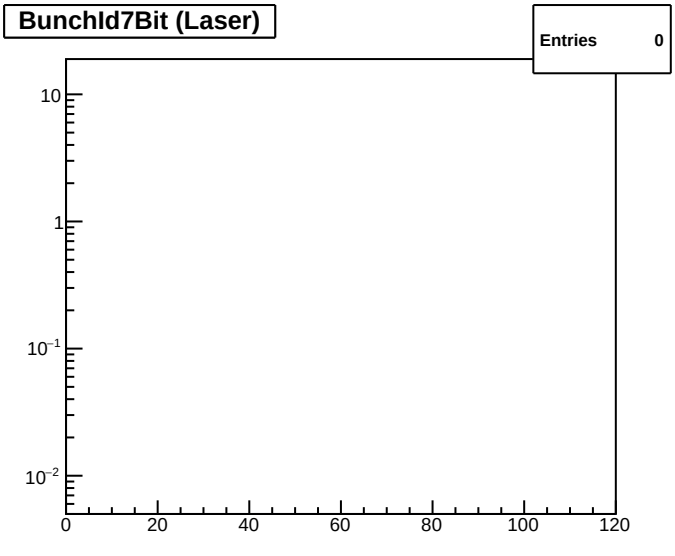
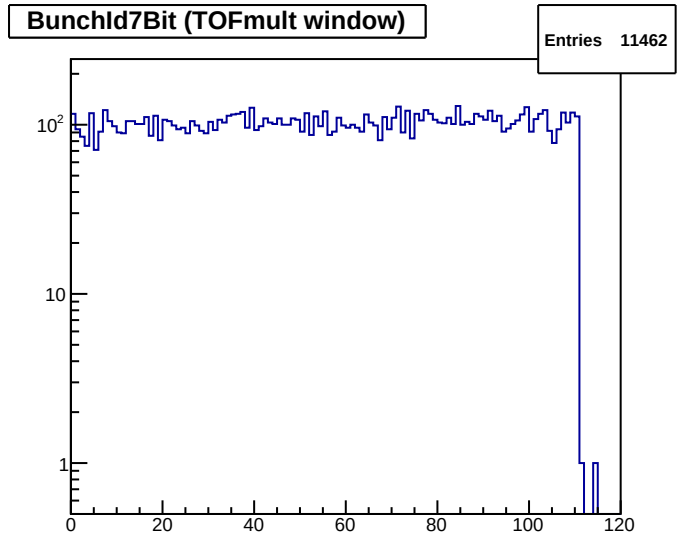

BunchId7Bit (VPD-TAC)
Entries 154693

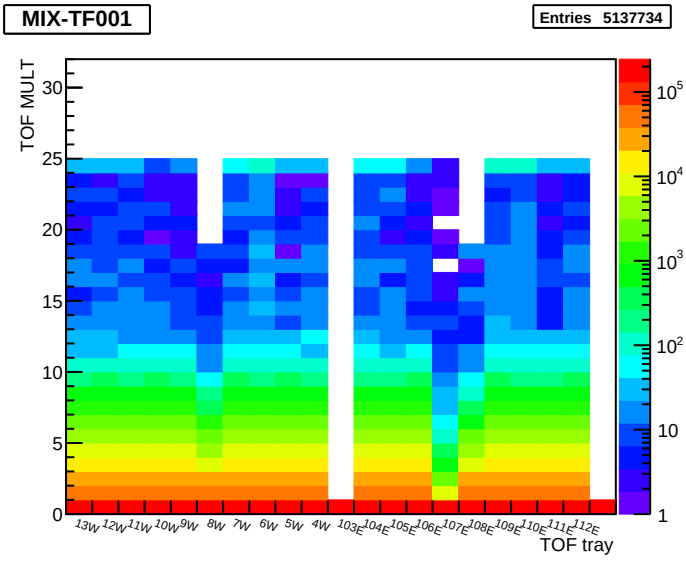

BunchId7Bit (ZDC-TAC)
Entries 726

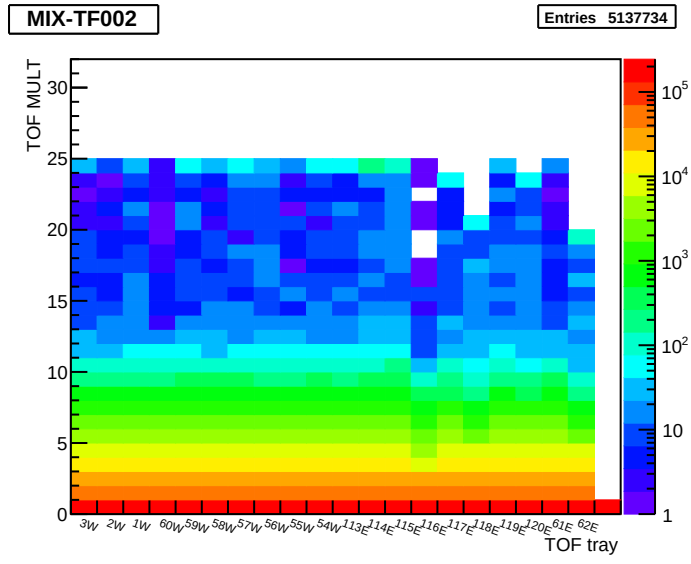

BunchId7Bit (EPD-TAC)
Entries 194644

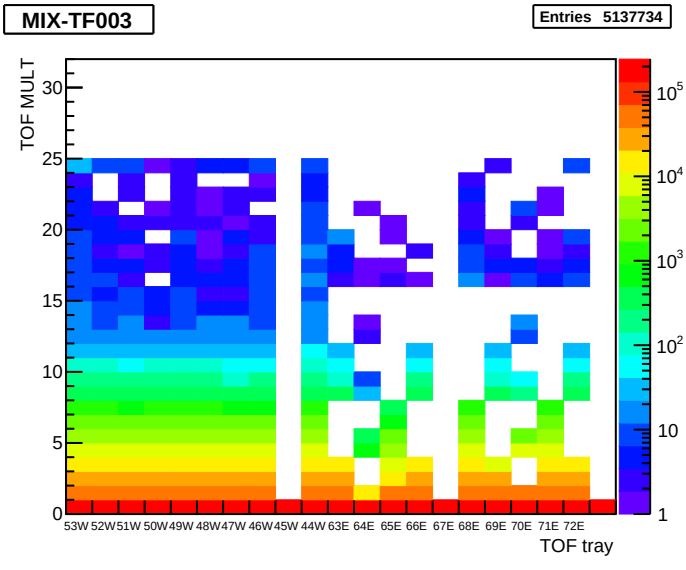

BunchId7Bit (BBC-TAC)
Entries 122739

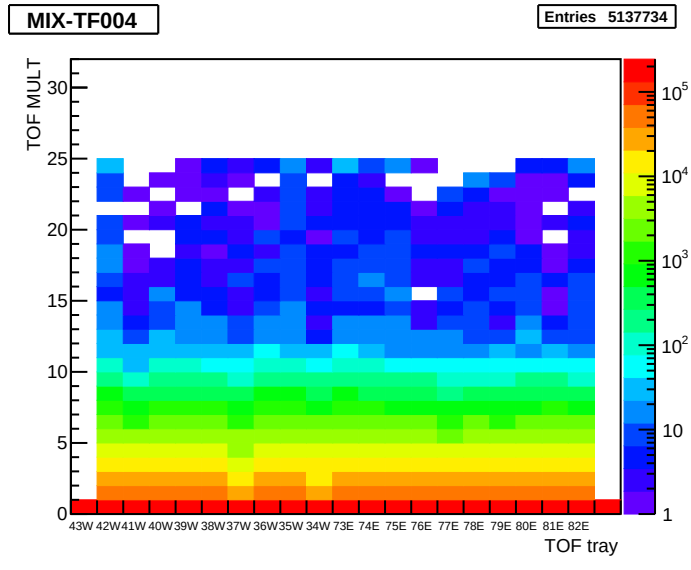

BunchId7Bit (Laser)
Entries 0

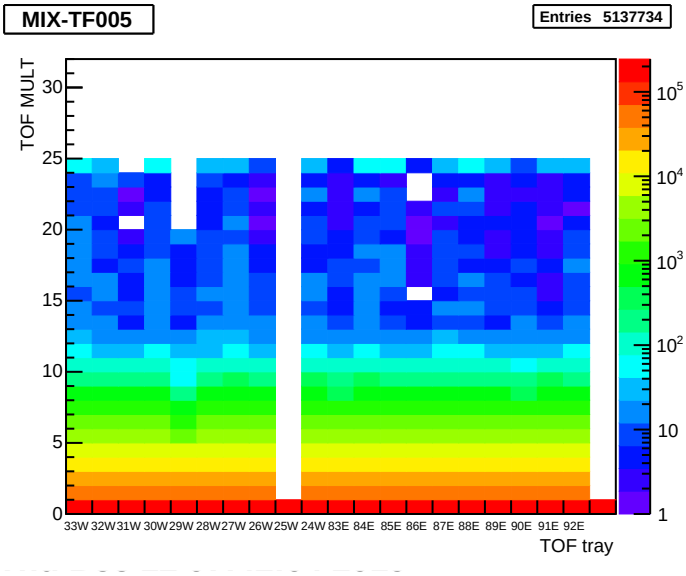

BunchId7Bit (TOFmult window)
Entries 11462

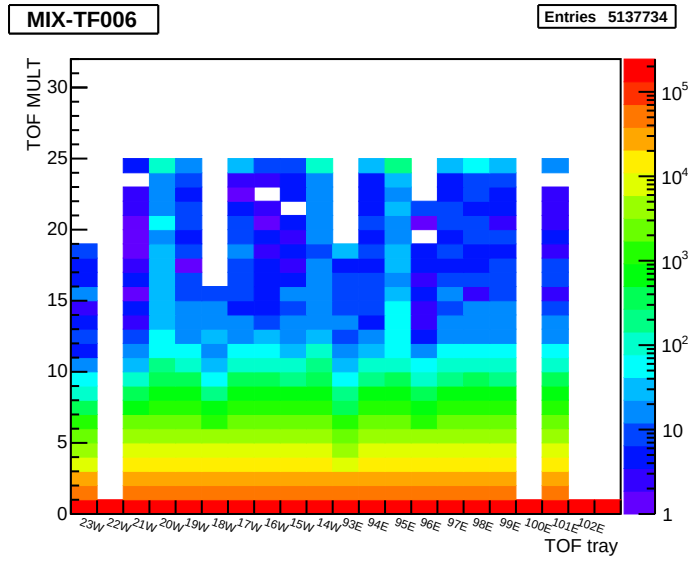

MIX-TF001
Entries 5137734
TOF MULT
TOF tray

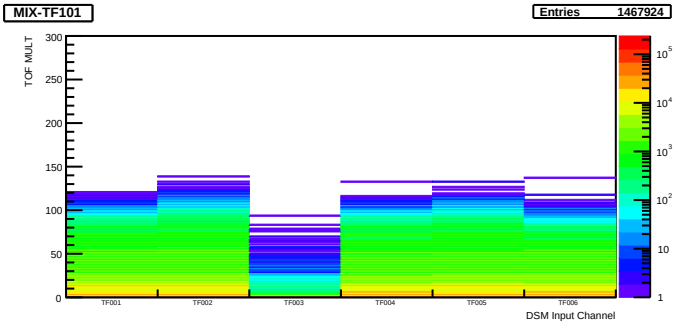

MIX-TF002
Entries 5137734
TOF MULT
TOF tray

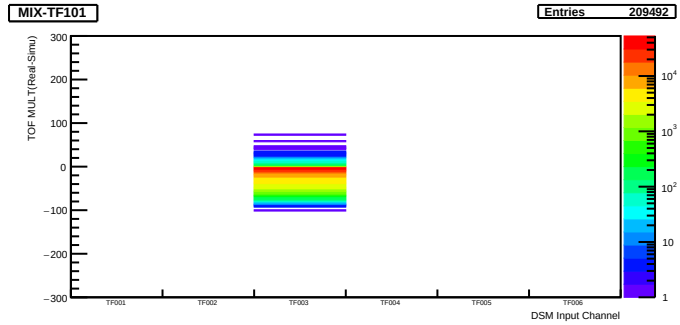

MIX-TF003
Entries 5137734
TOF MULT
TOF tray

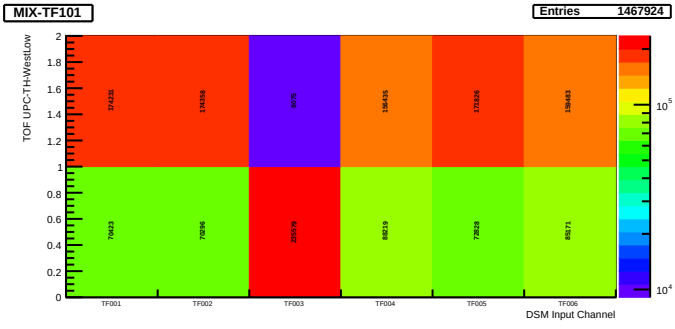

MIX-TF004
Entries 5137734
TOF MULT
TOF tray

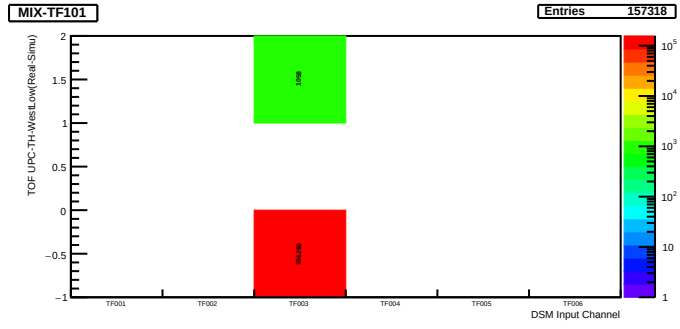

MIX-TF005
Entries 5137734
TOF MULT
TOF tray

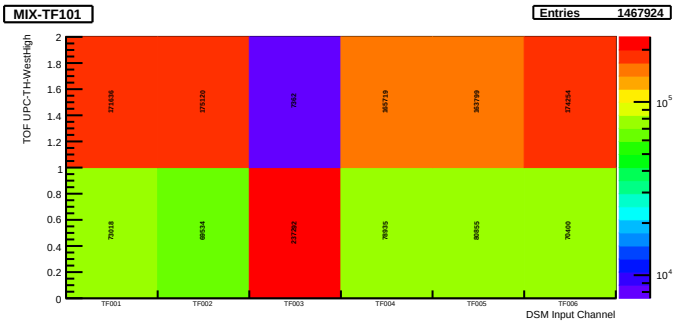

MIX-TF006
Entries 5137734
TOF MULT
TOF tray

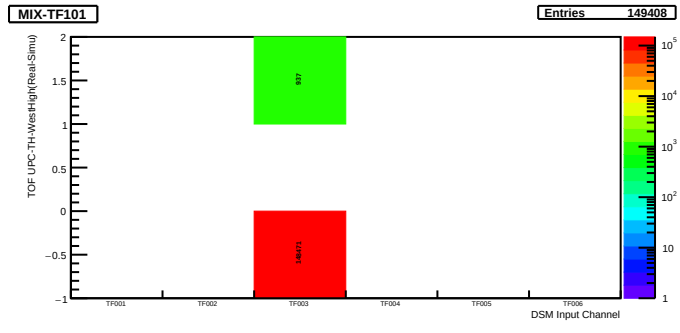

MIX-TF101
Entries 1467924
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

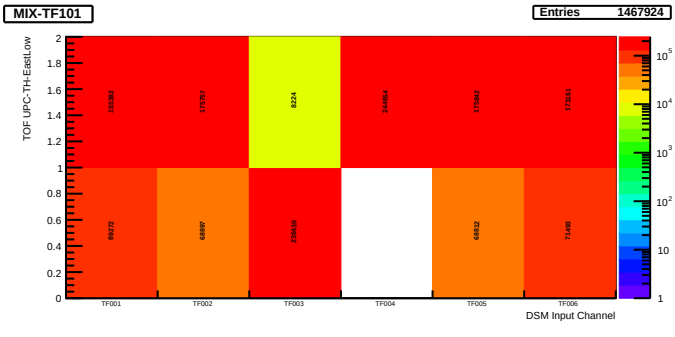

MIX-TF101
Entries 209492
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

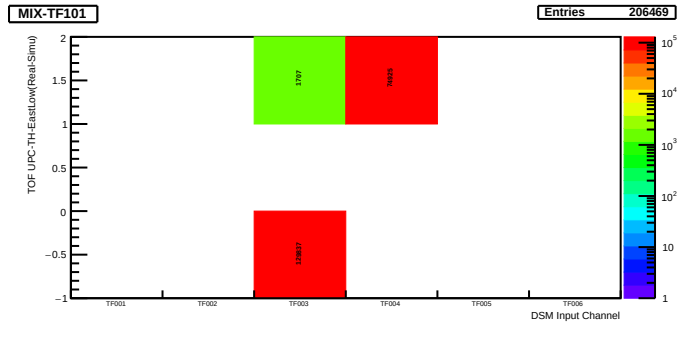

MIX-TF101
Entries 1467924
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

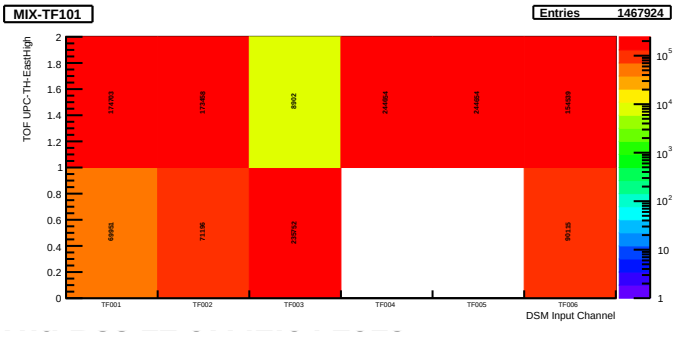

MIX-TF101
Entries 157318
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

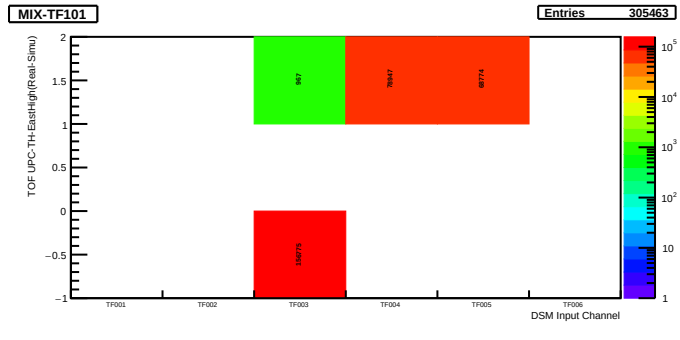

MIX-TF101
Entries 1467924
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

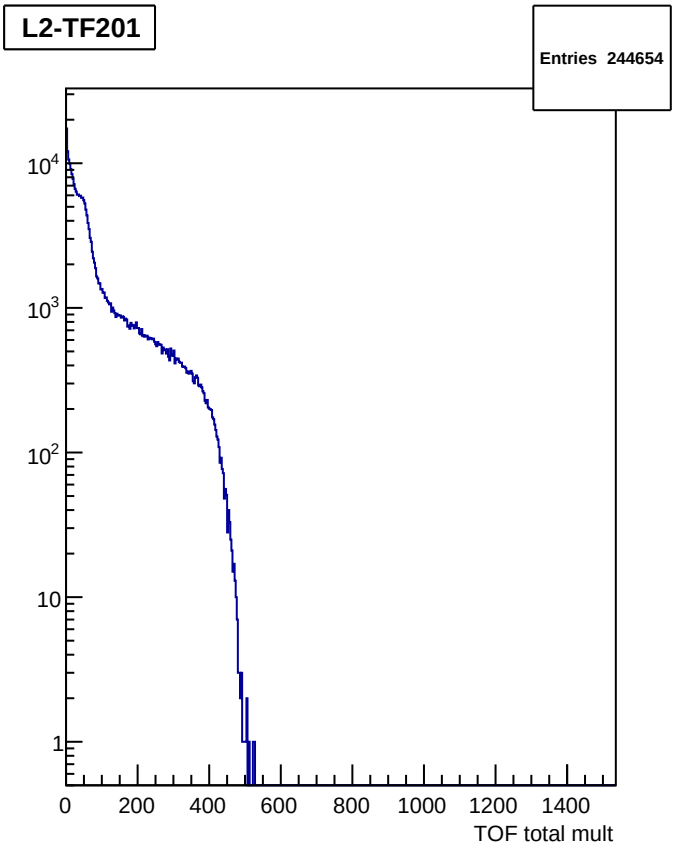

MIX-TF101
Entries 149408
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

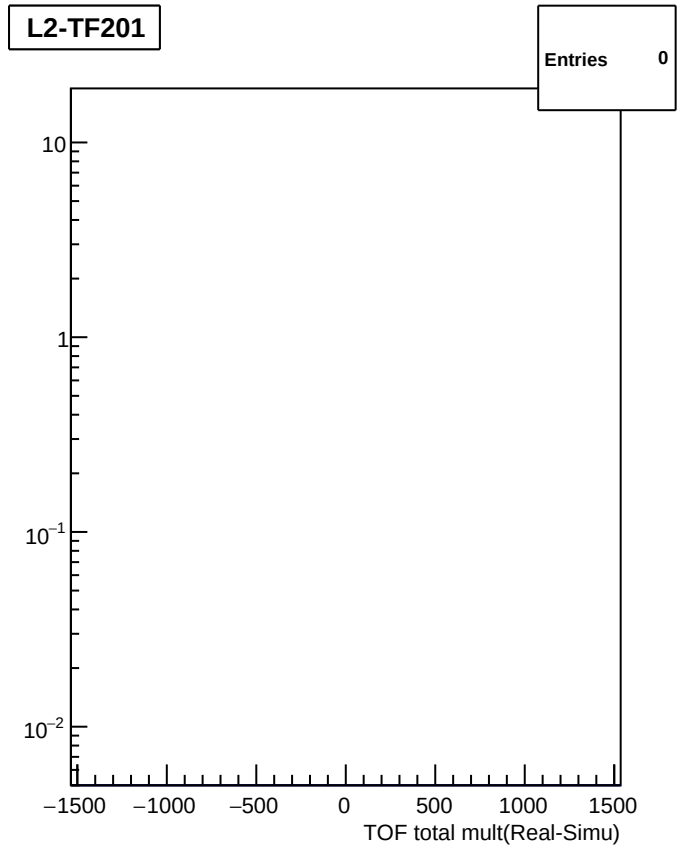

MIX-TF101
Entries 1467924
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

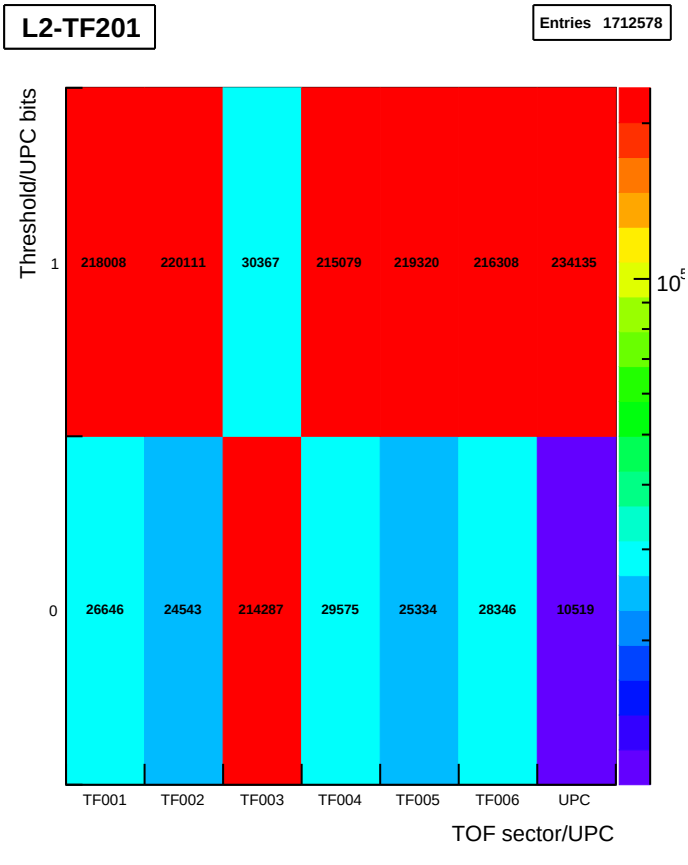

MIX-TF101
Entries 206469
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

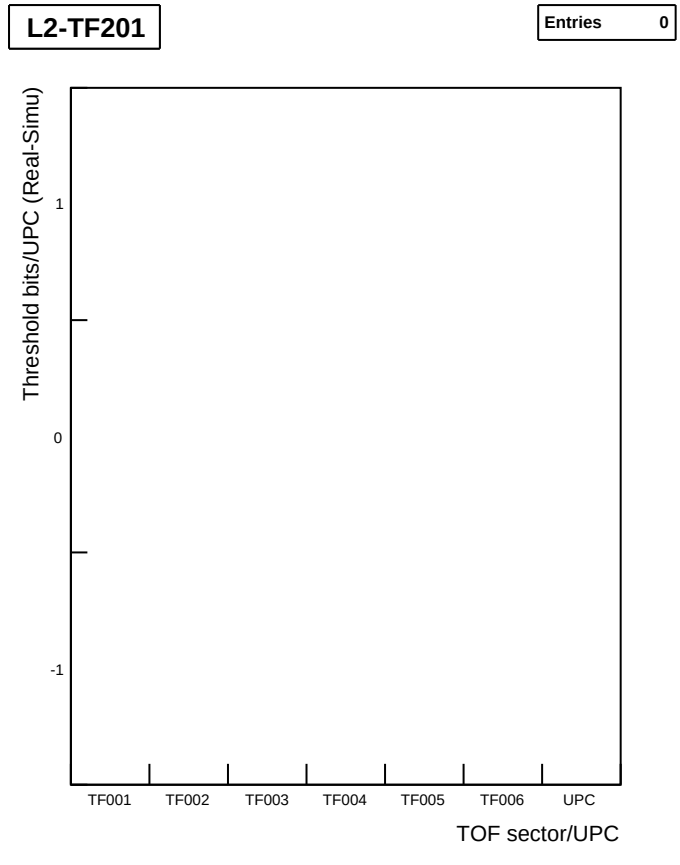

MIX-TF101
Entries 1467924
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

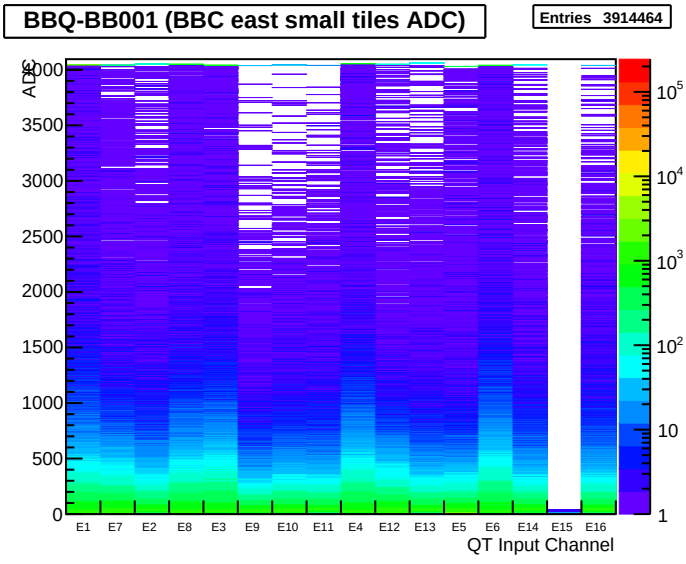

MIX-TF101
Entries 305463
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

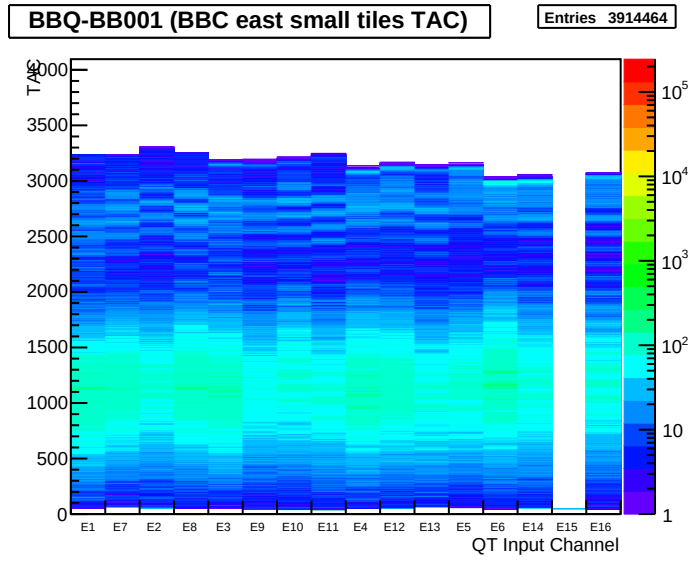

L2-TF201
Entries 244654
TOF total mult

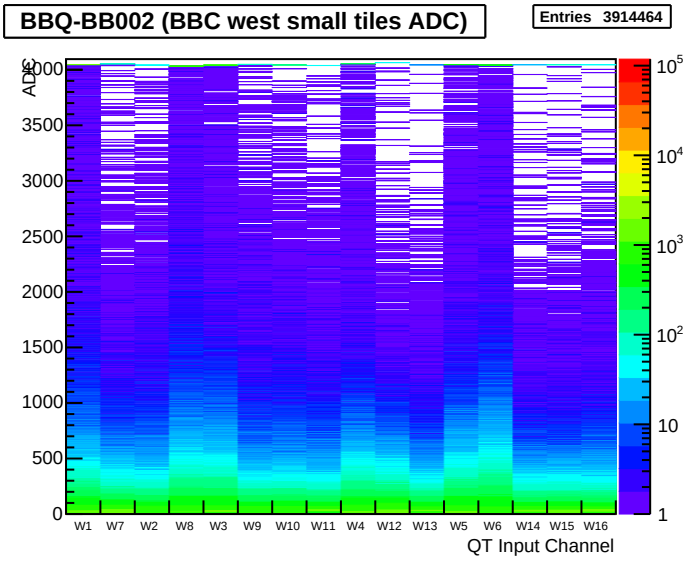

L2-TF201
Entries 0
TOF total mult(Real-Simu)

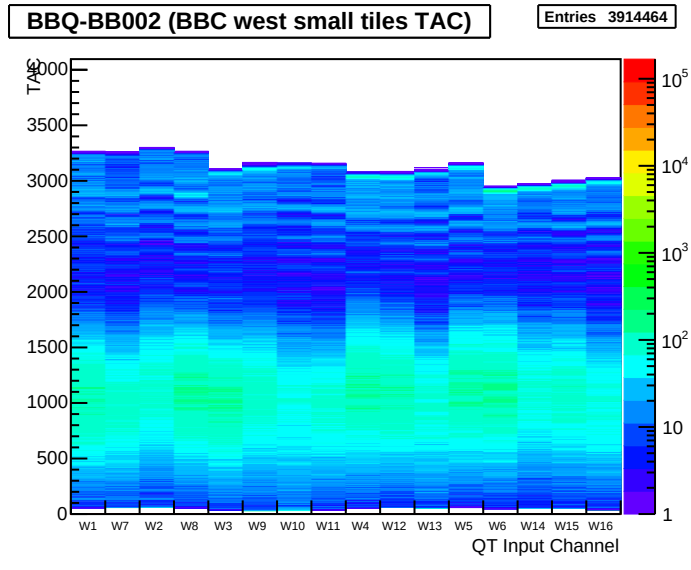

L2-TF201
Entries 1712578
Threshold/UPC bits
218008
220111
30367
215079
219320
216308
234135
26646
24543
214287
29575
25334
28346
10519
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

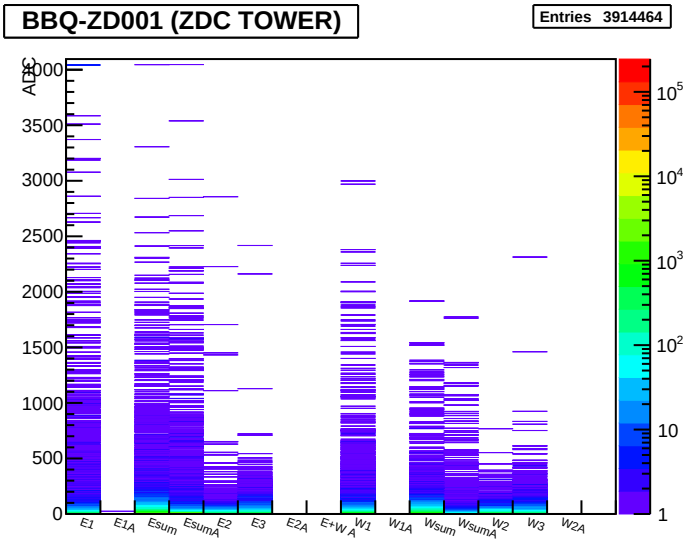

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

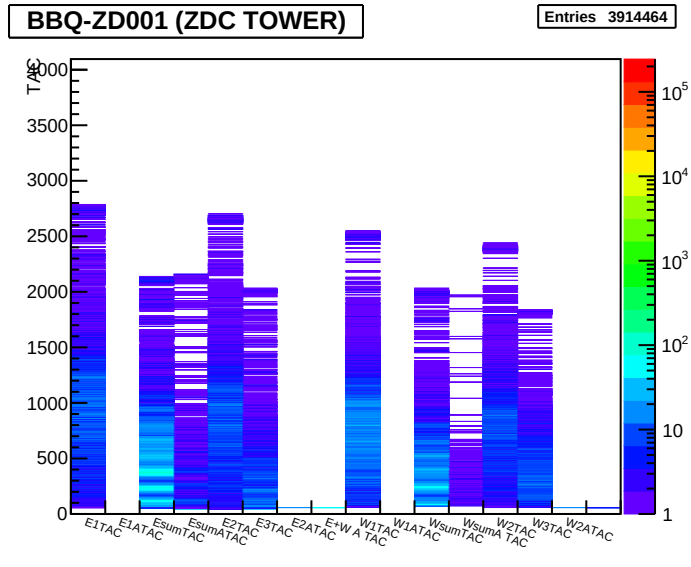

BBQ-BB001 (BBC east small tiles ADC)
Entries 3914464
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

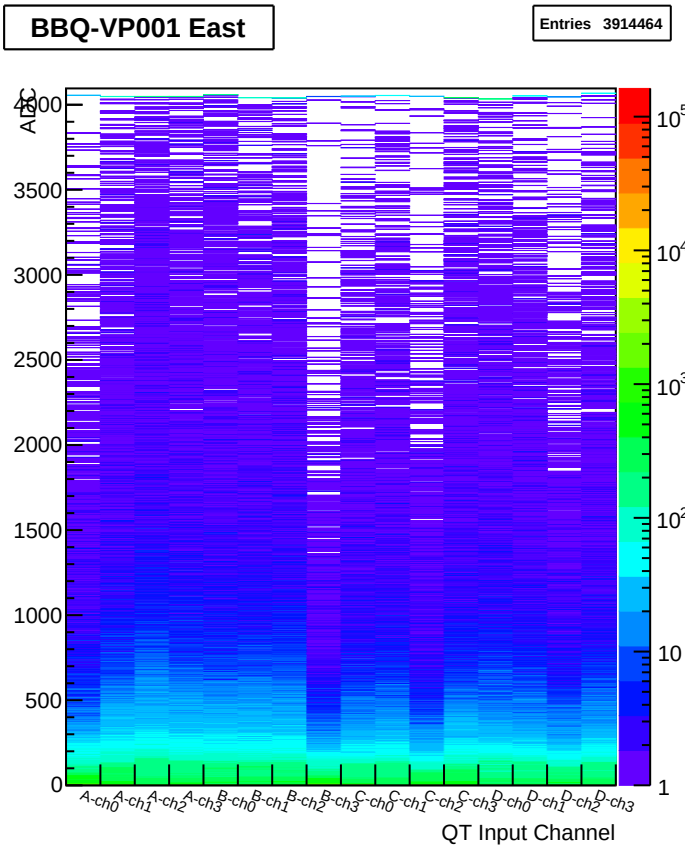

BBQ-BB001 (BBC east small tiles TAC)
Entries 3914464
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

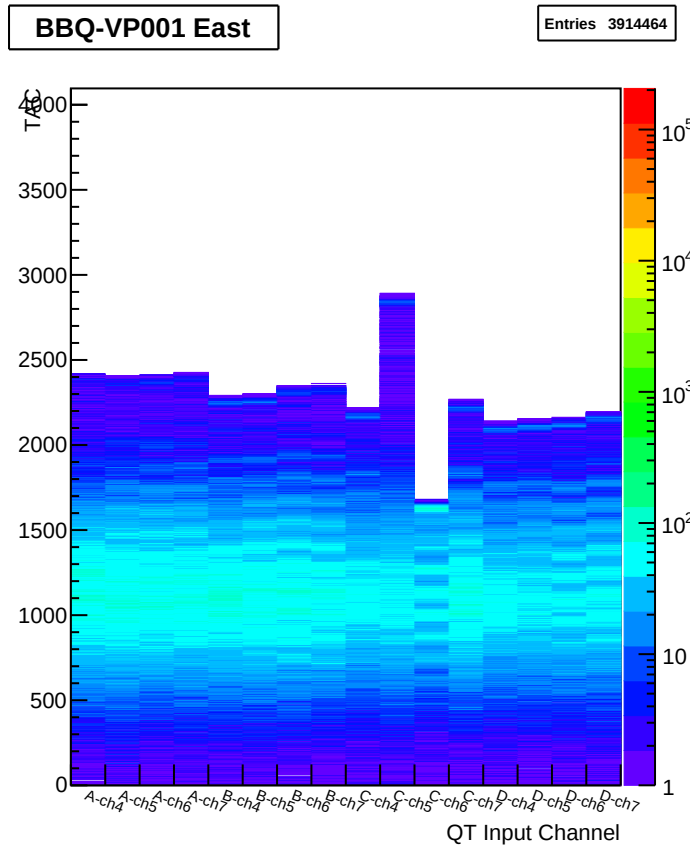

BBQ-BB002 (BBC west small tiles ADC)
Entries 3914464
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

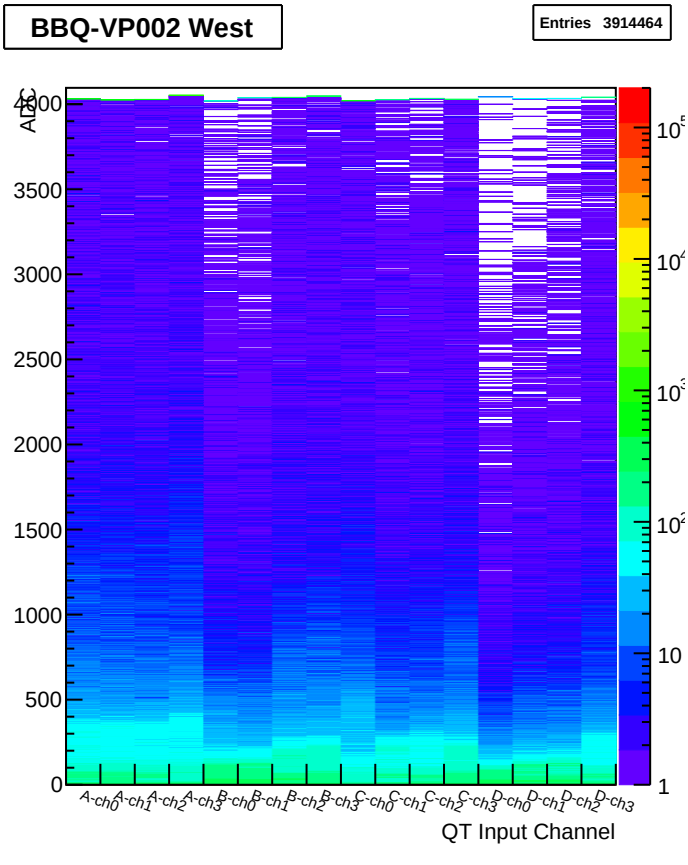

BBQ-BB002 (BBC west small tiles TAC)
Entries 3914464
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

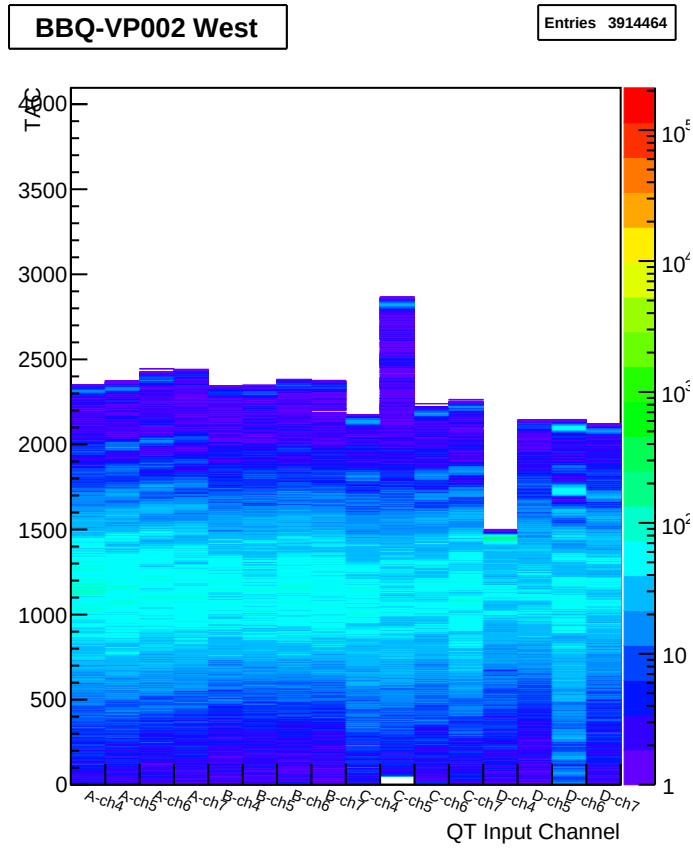

BBQ-ZD001 (ZDC TOWER)
Entries 3914464
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

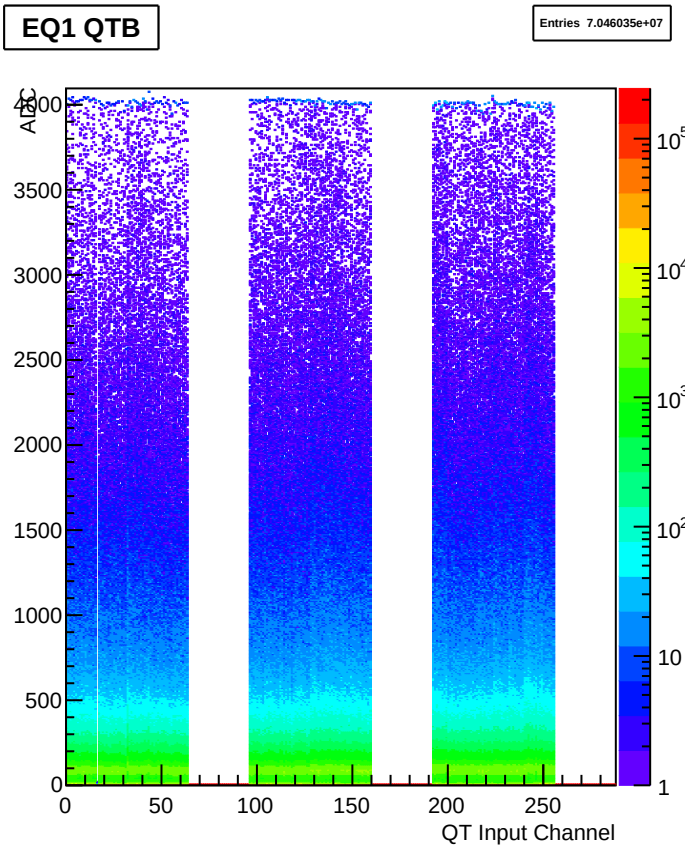

BBQ-ZD001 (ZDC TOWER)
Entries 3914464
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

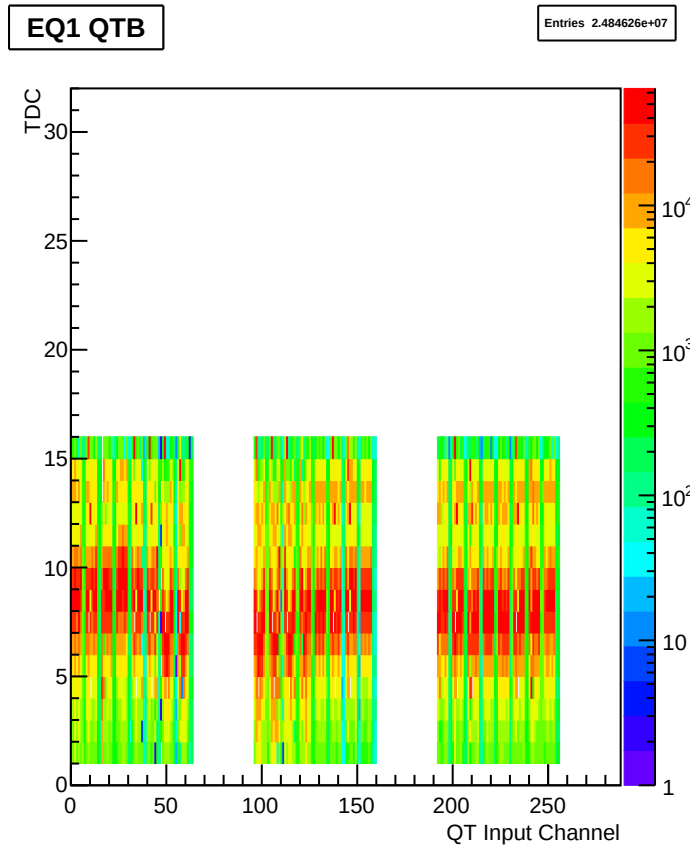

BBQ-VP001 East
Entries 3914464
ADC
QT Input Channel

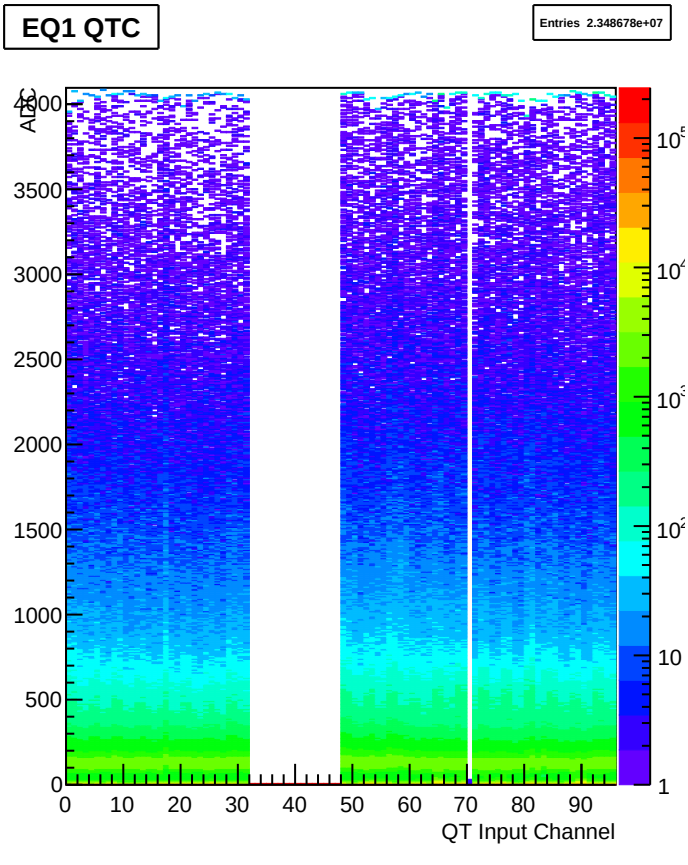

BBQ-VP001 East
Entries 3914464
TADC
QT Input Channel

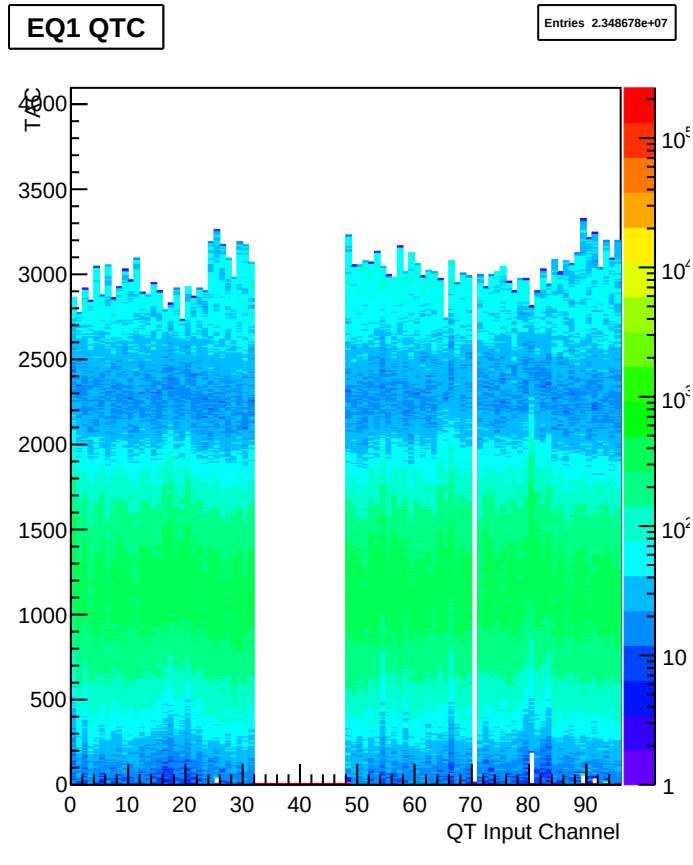

BBQ-VP002 West
Entries 3914464
ADC
QT Input Channel

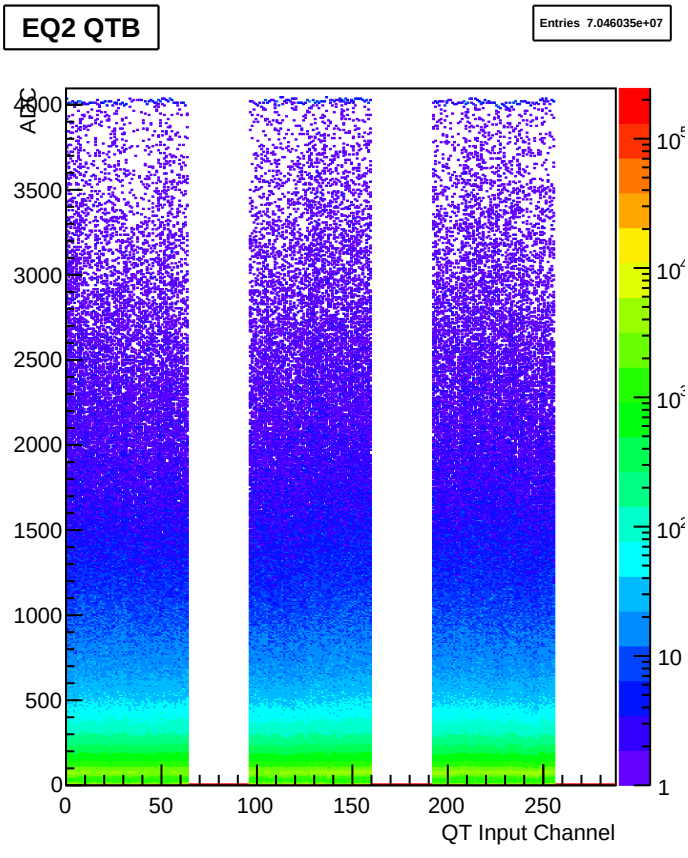

BBQ-VP002 West
Entries 3914464
TADC
QT Input Channel

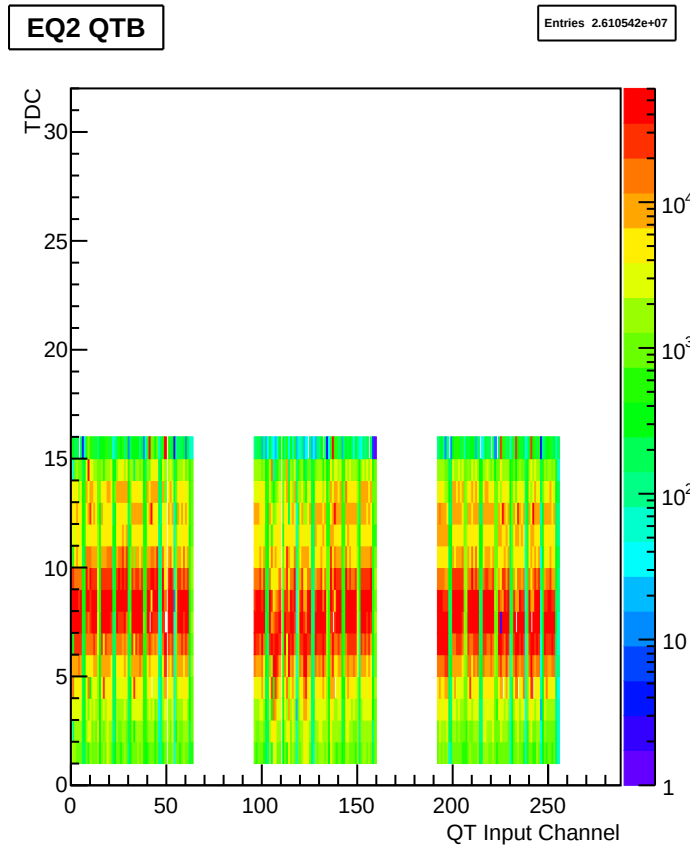

EQ1 QTB
Entries 7.046035e+07
ADC
QT Input Channel

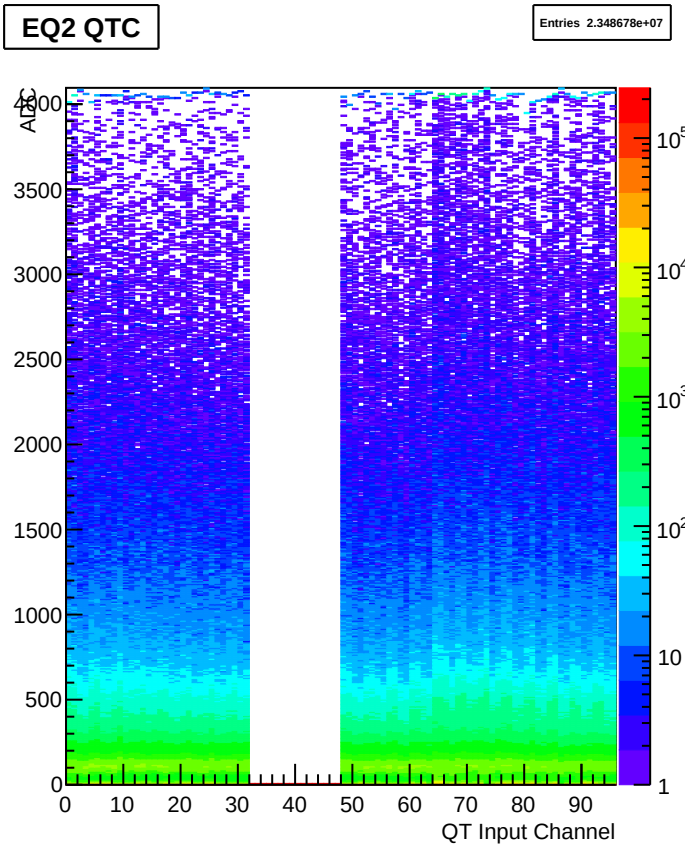

EQ1 QTB
Entries 2.484626e+07
TDC
QT Input Channel

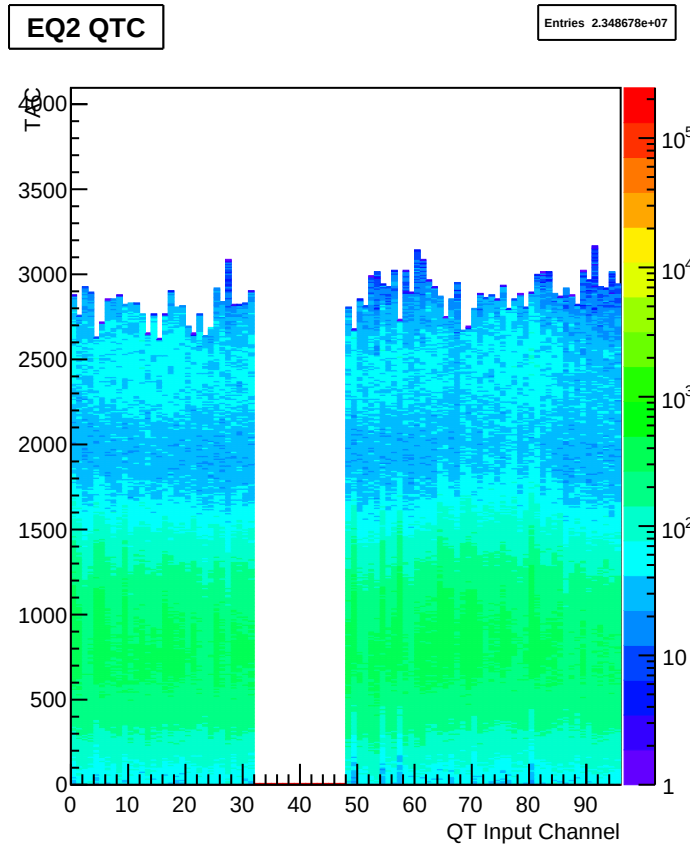

EQ1 QTC
Entries 2.348678e+07
ADC
QT Input Channel

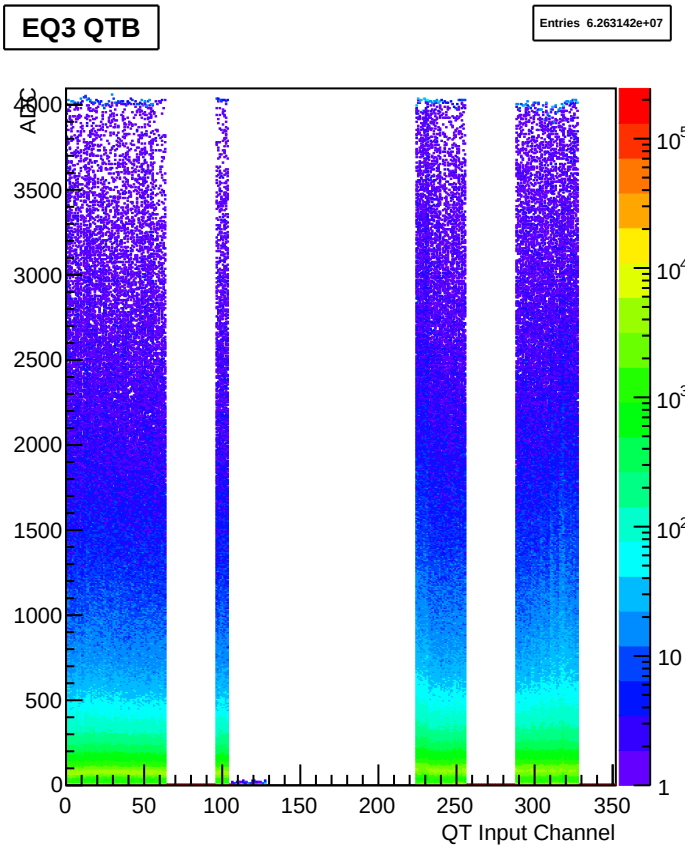

EQ1 QTC
Entries 2.348678e+07
TADC
QT Input Channel

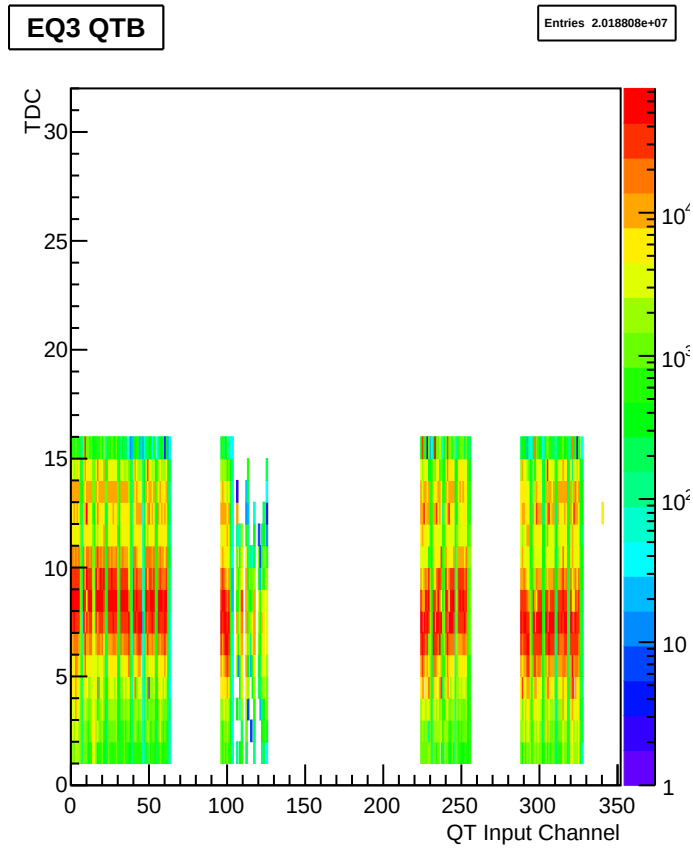

EQ2 QTB
Entries 7.046035e+07
ADC
QT Input Channel

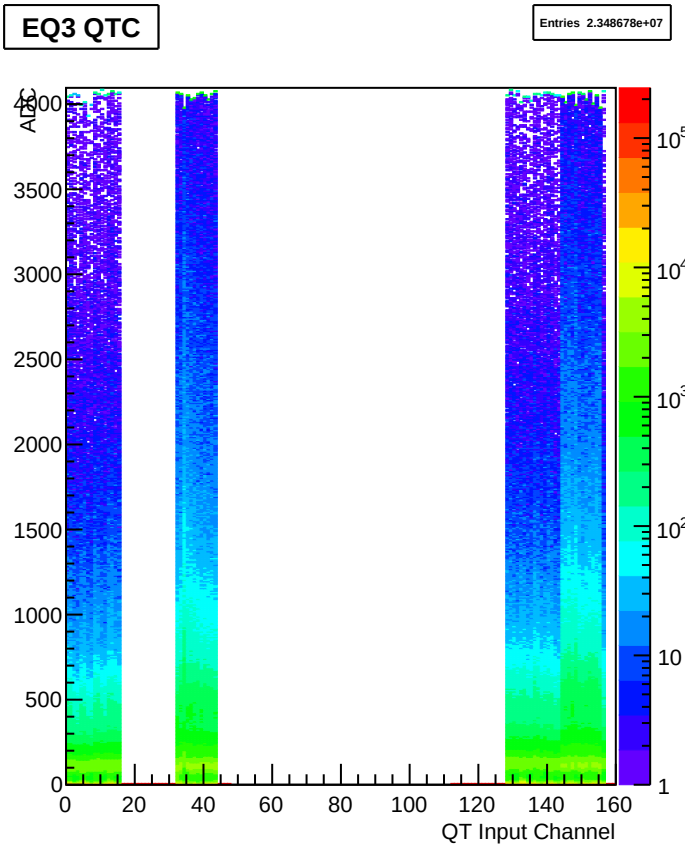

EQ2 QTB
Entries 2.610542e+07
TDC
QT Input Channel

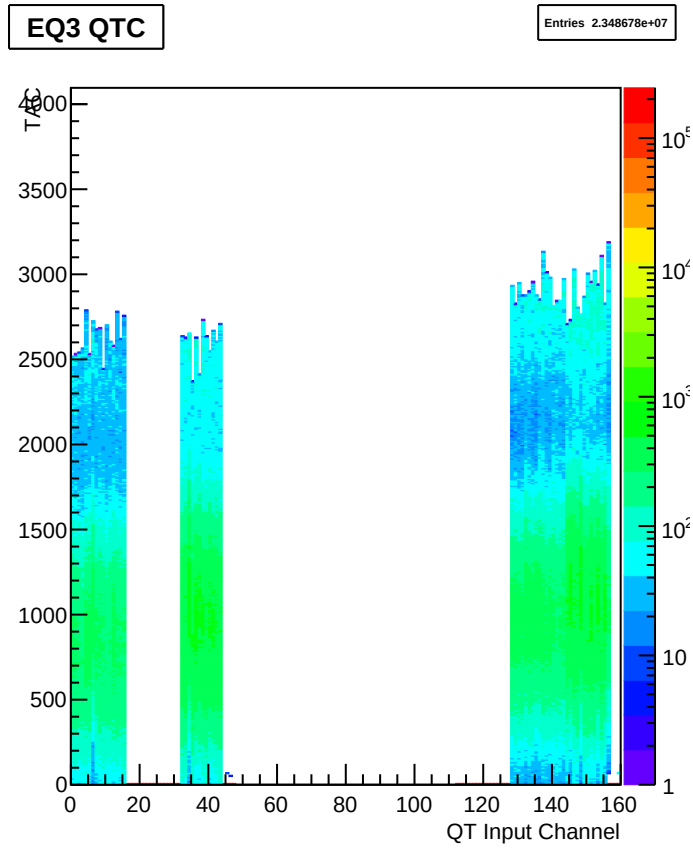

EQ2 QTC
Entries 2.348678e+07
ADC
QT Input Channel

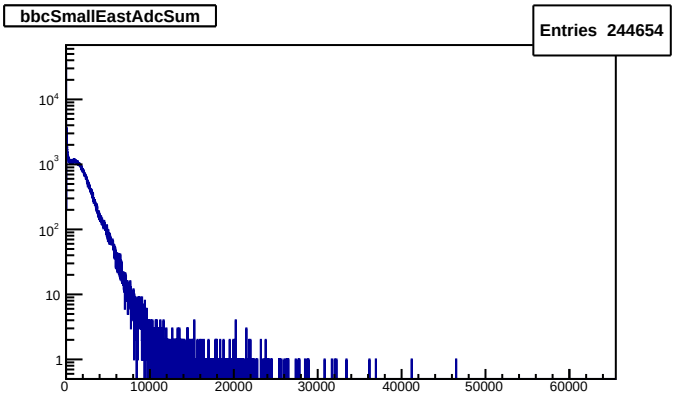

EQ2 QTC
Entries 2.348678e+07
TADC
QT Input Channel

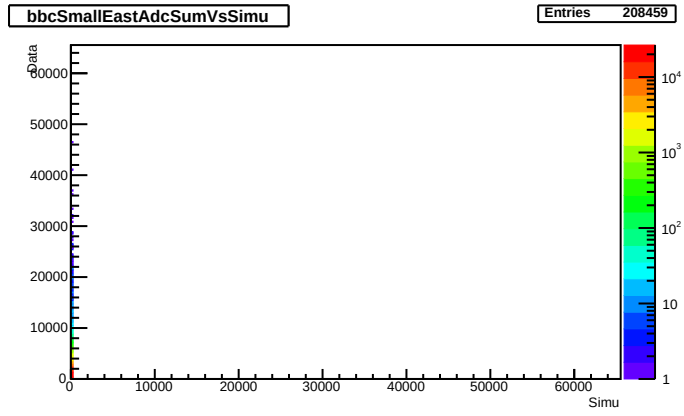

EQ3 QTB
Entries 6.263142e+07
ADC
QT Input Channel

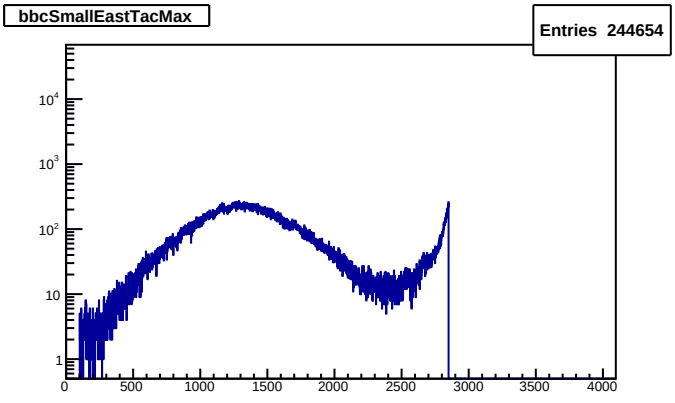

EQ3 QTB
Entries 2.018808e+07
TDC
QT Input Channel

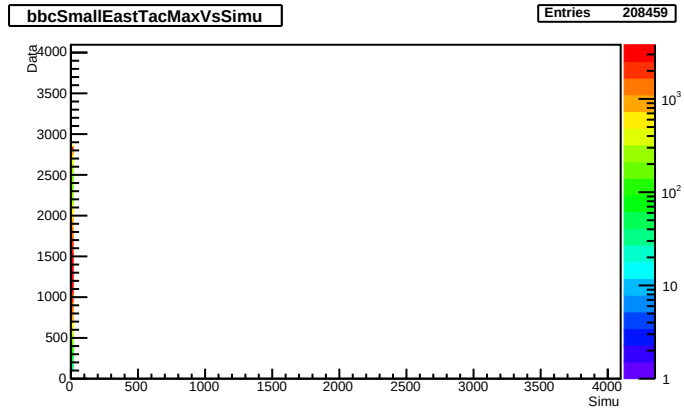

EQ3 QTC
Entries 2.348678e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.348678e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 244654


bbcSmallEastAdcSumVsSimu
Entries 208459
Data
Simu


bbcSmallEastTacMax
Entries 244654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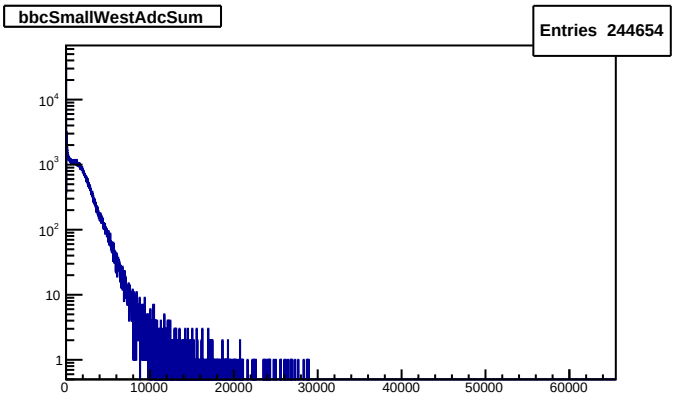
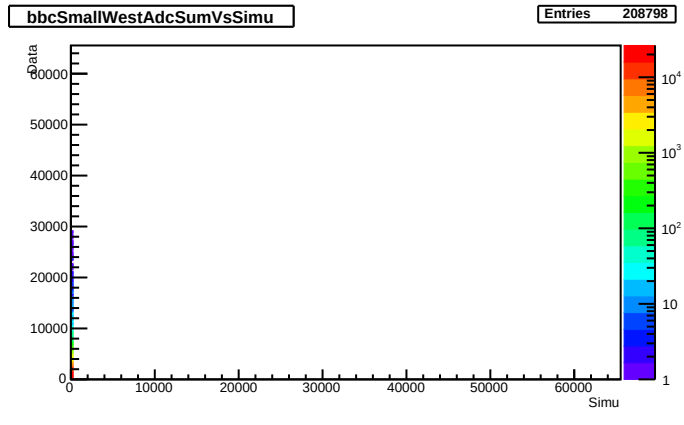
Entries 208459
Data
Simu


bbcSmallWestAdcSum
Entries 244654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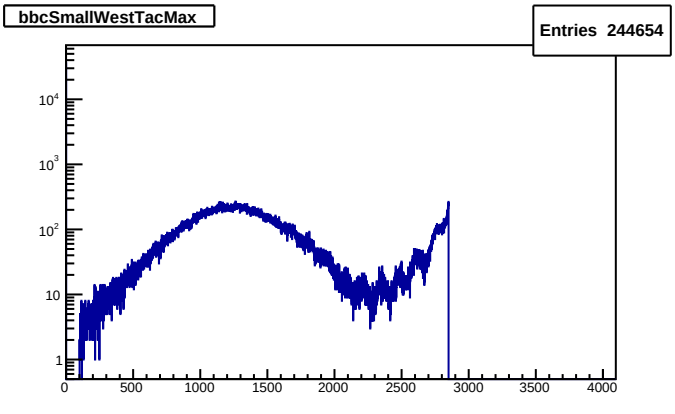
Entries 208798
Data
Simu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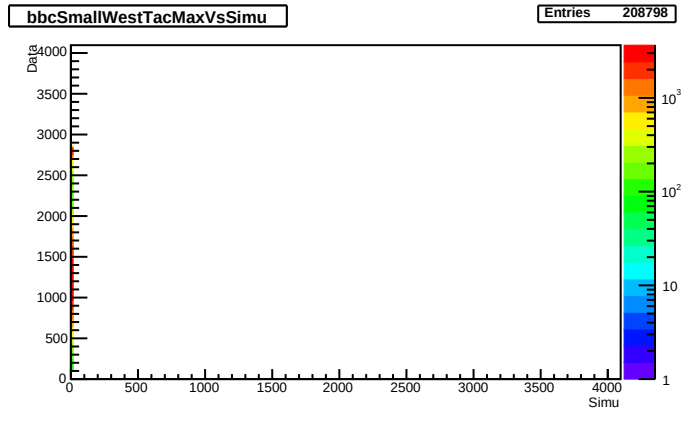
Entries 244654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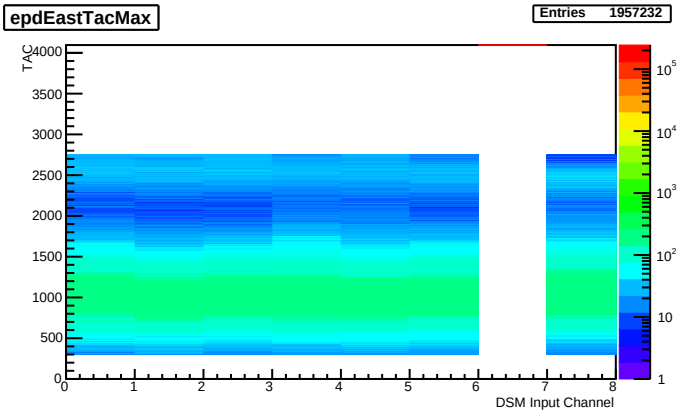
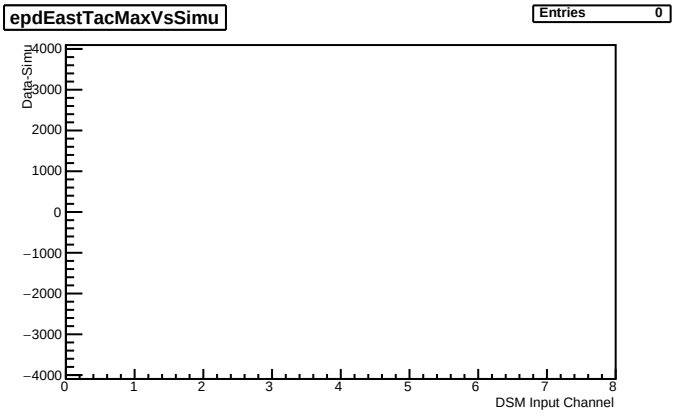
Entries 208798
Data
Simu


epdEastTacMax
Entries 1957232
TAC
DSM Input Channel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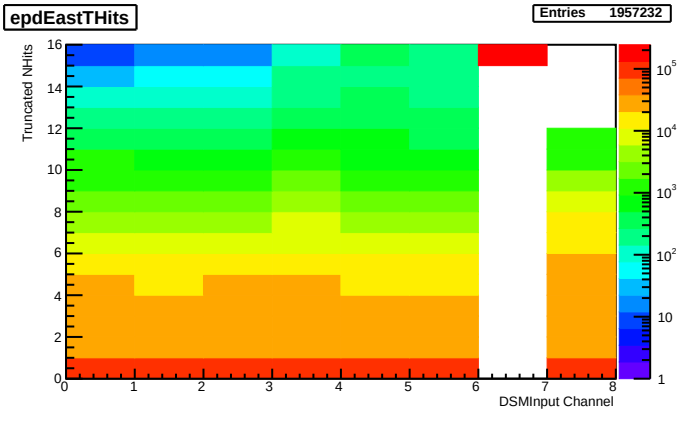
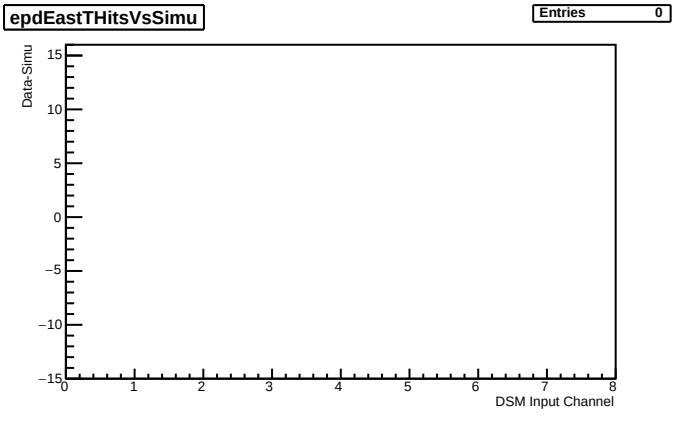
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1957232
Truncated NHits
DSMInput Channel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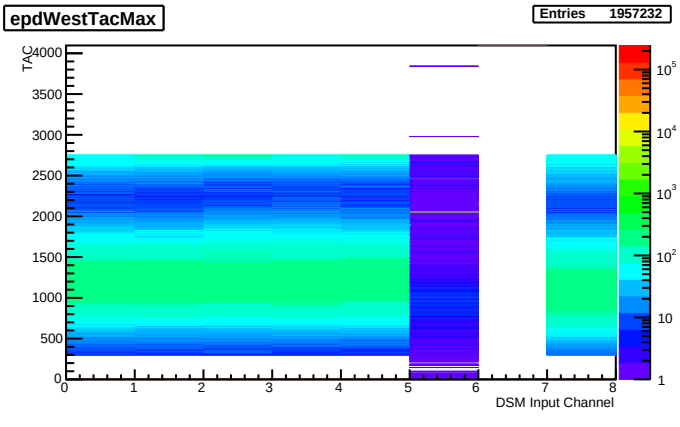
Data-Simu
DSM Input Channel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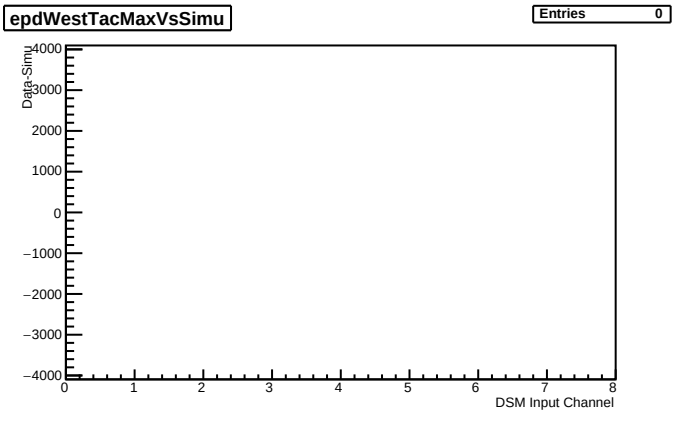
Entries 1957232
TAC
DSM Input Channel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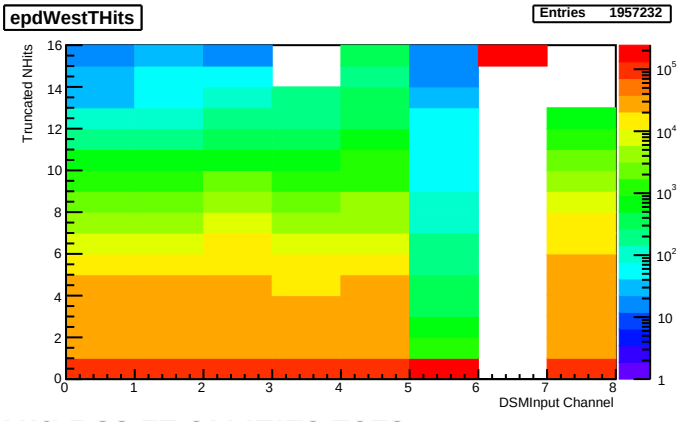
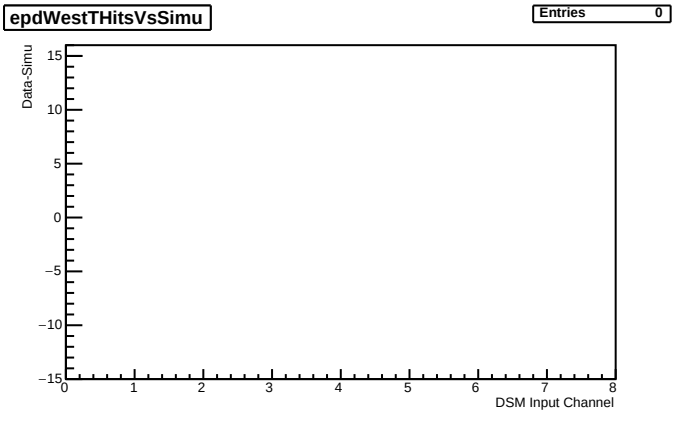
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1957232
Truncated NHits
DSMInput Channel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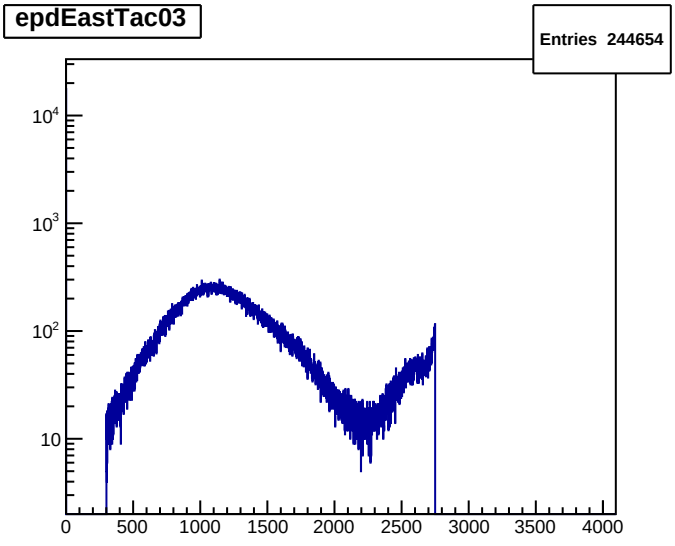
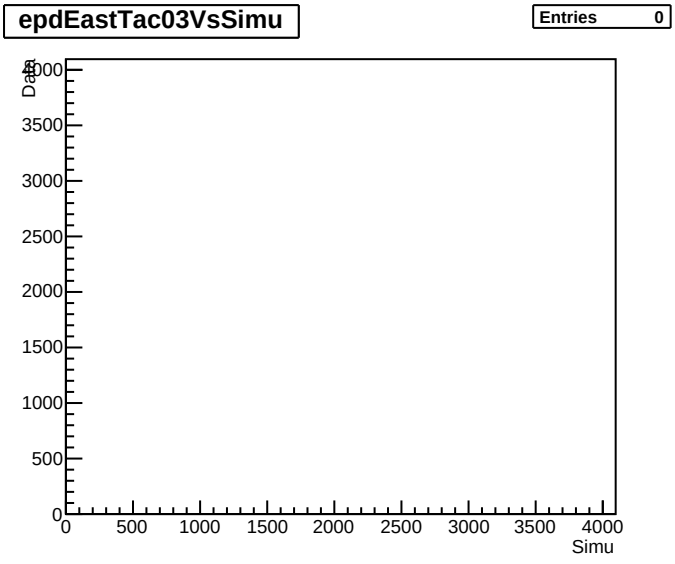
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 244654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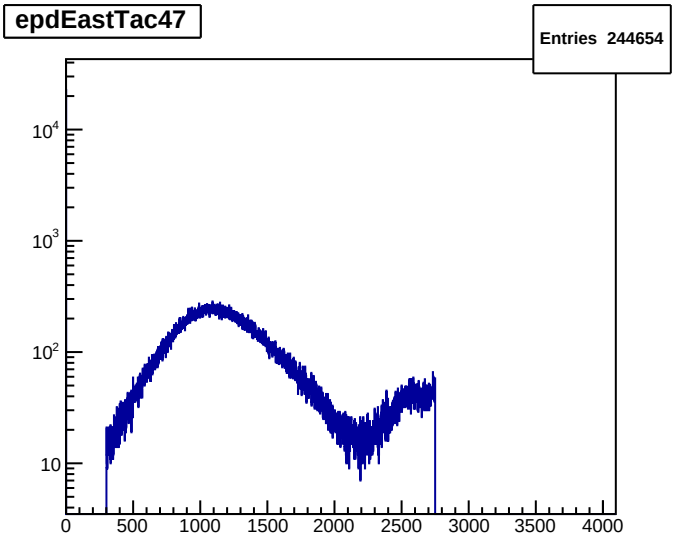
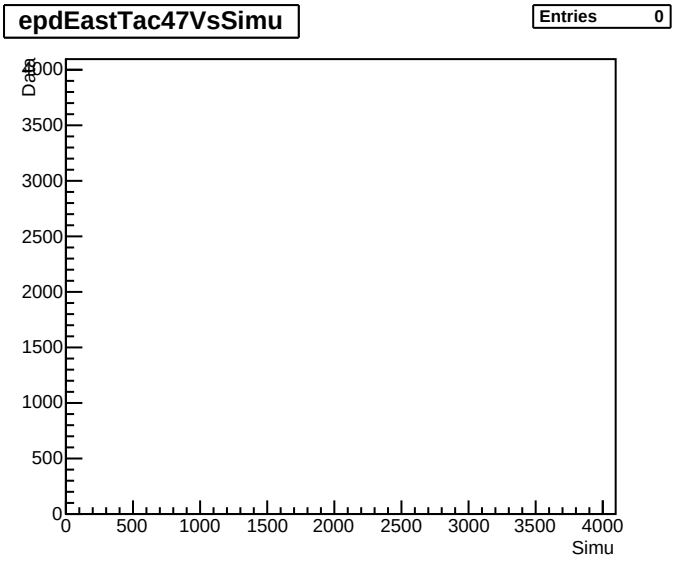
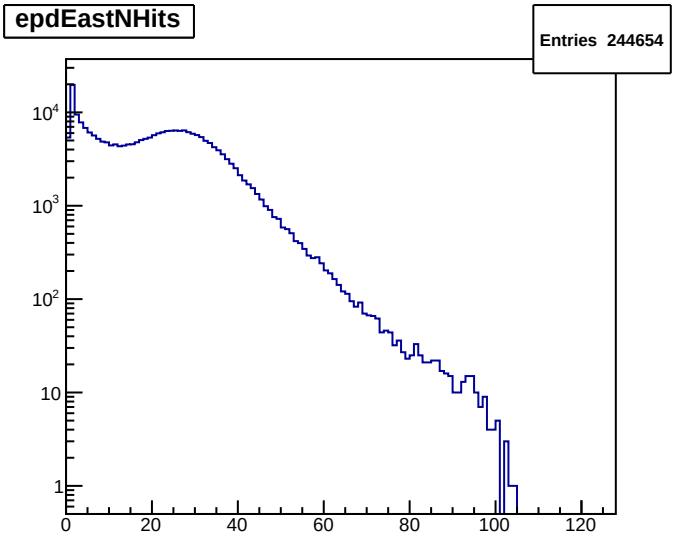
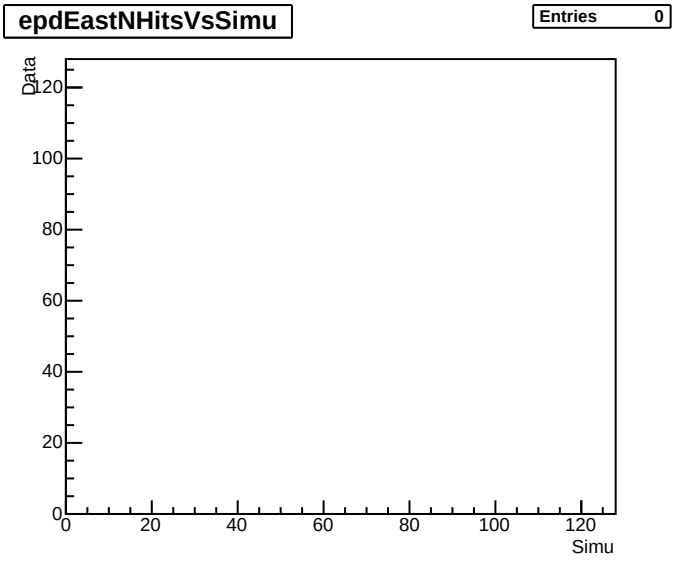
Entries 0
Data
Simu


epdEastTac47
Entries 244654


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 244654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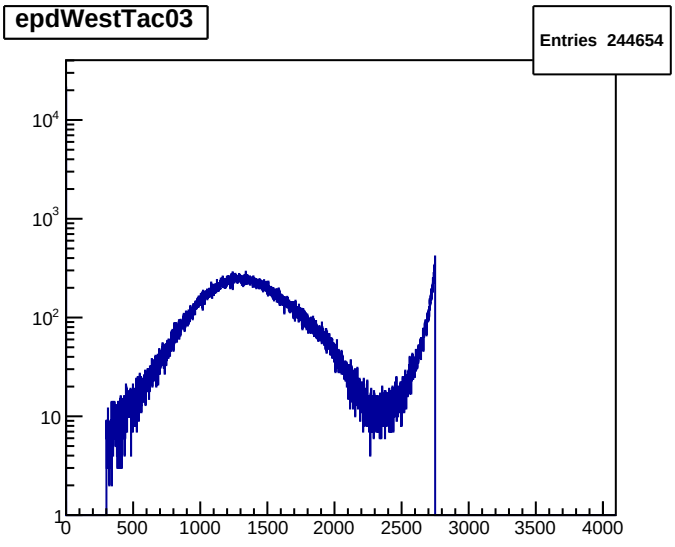
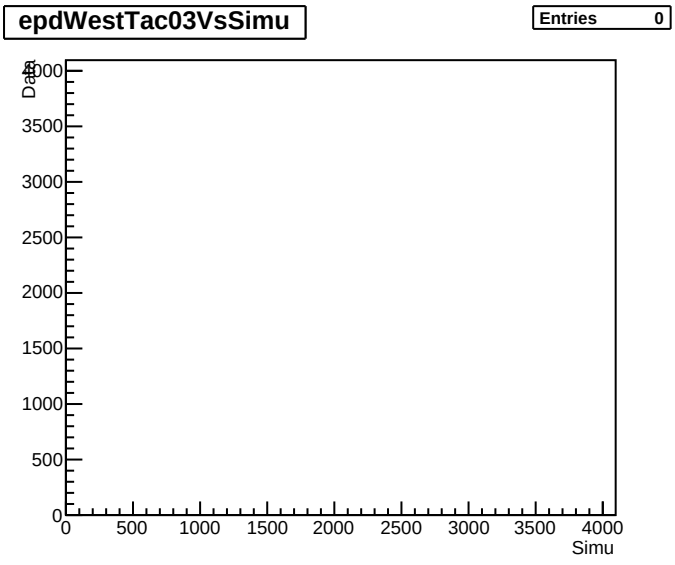
Entries 0
Data
Simu


epdWestTac03
Entries 244654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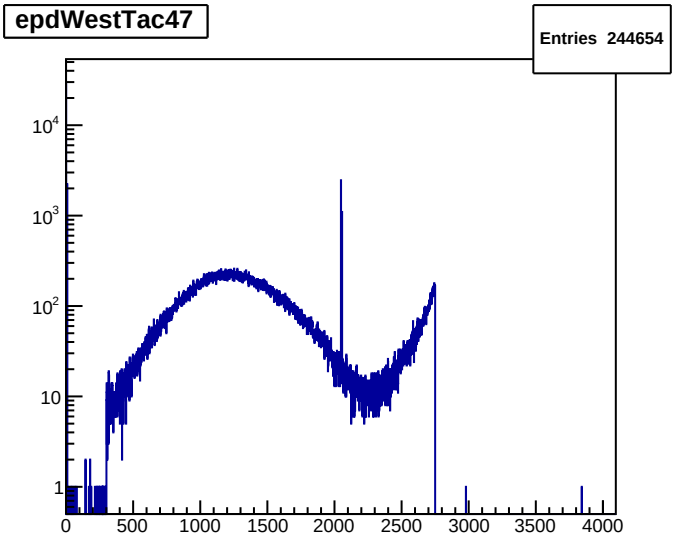
Entries 0
Data
Simu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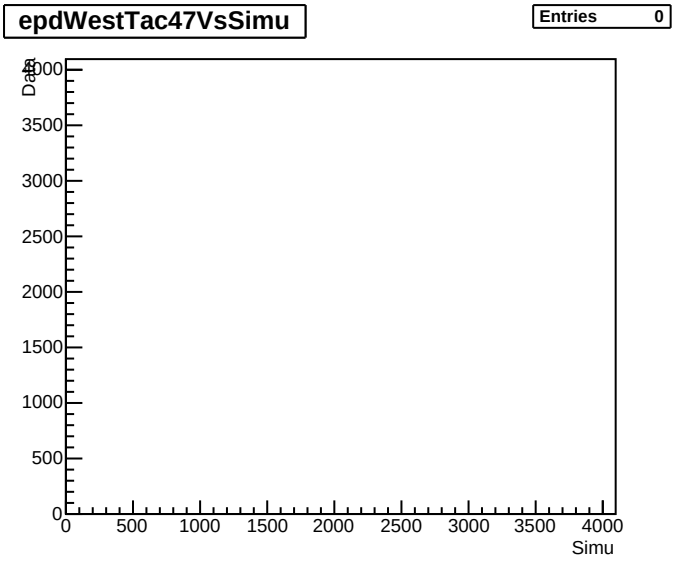
Entries 244654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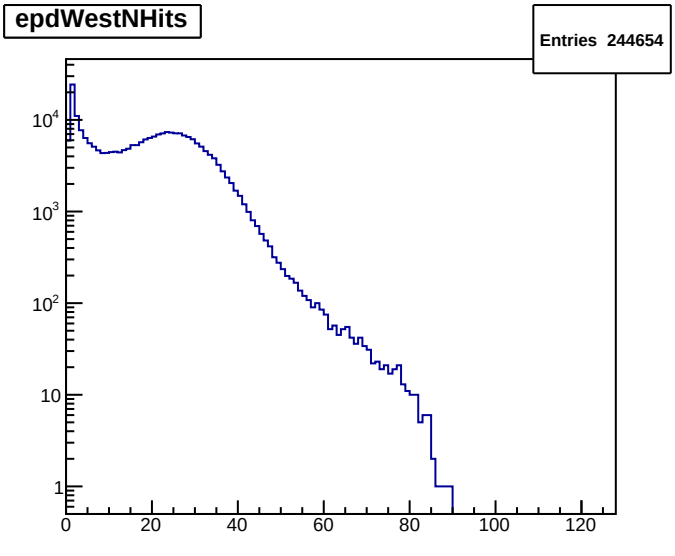
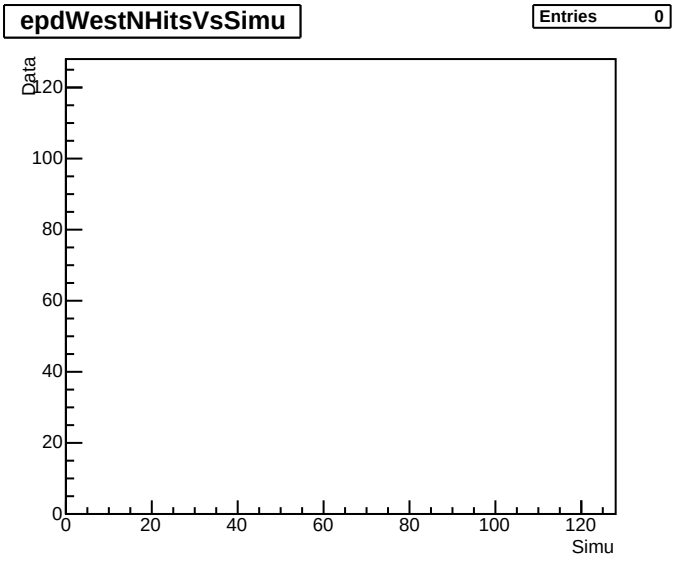
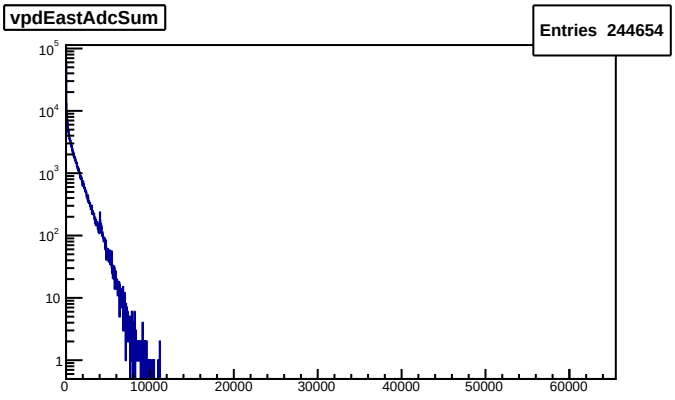
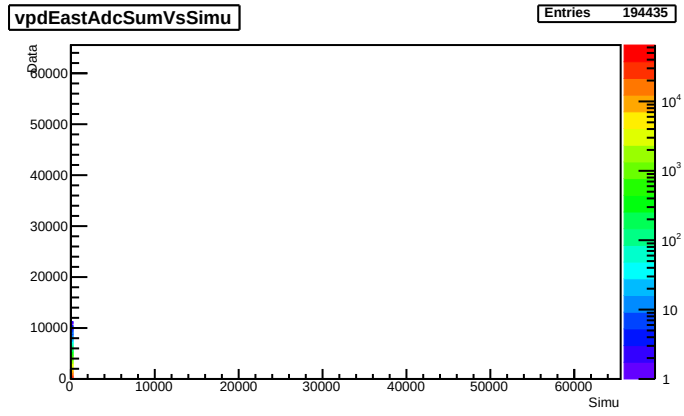
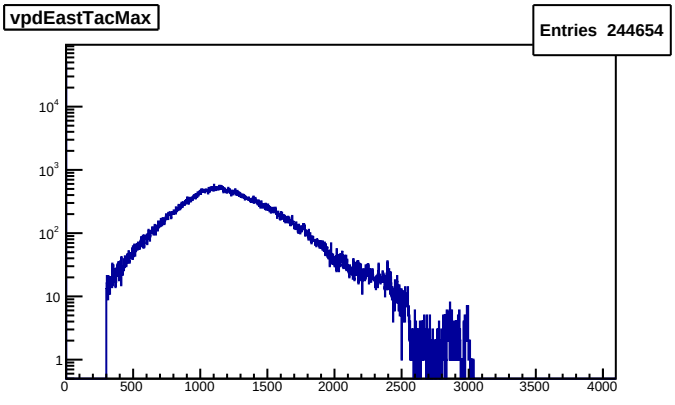
Entries 0
Data
Simu

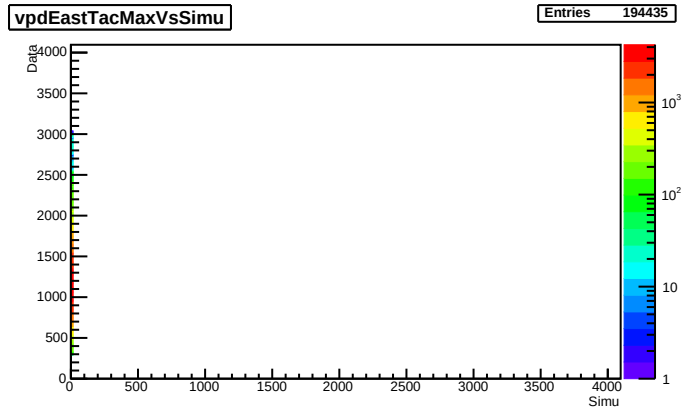

epdWestNHits
Entries 244654

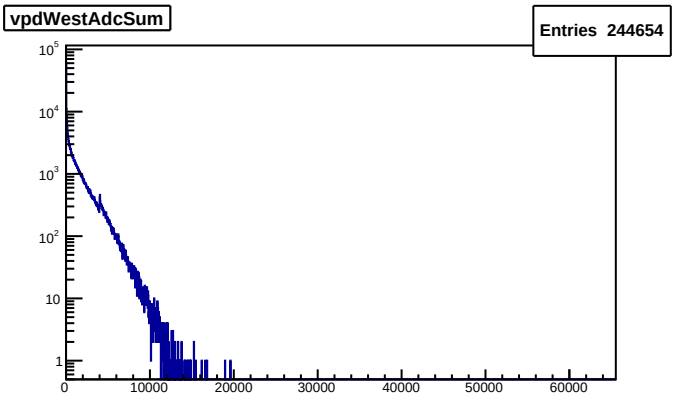

epdWestNHitsVsSimu
Entries 0
Data
Simu

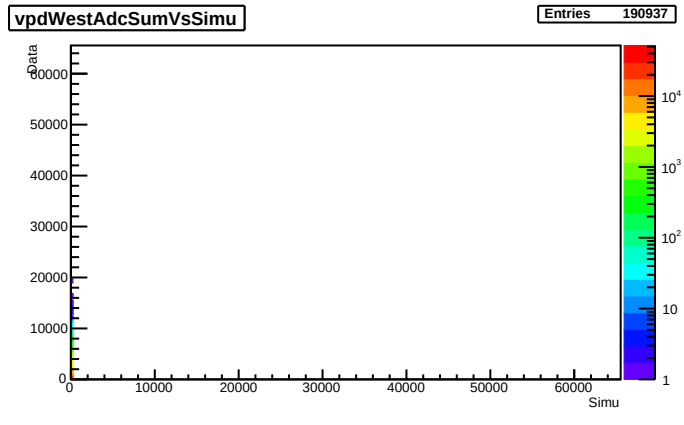

vpdEastAdcSum
Entries 244654

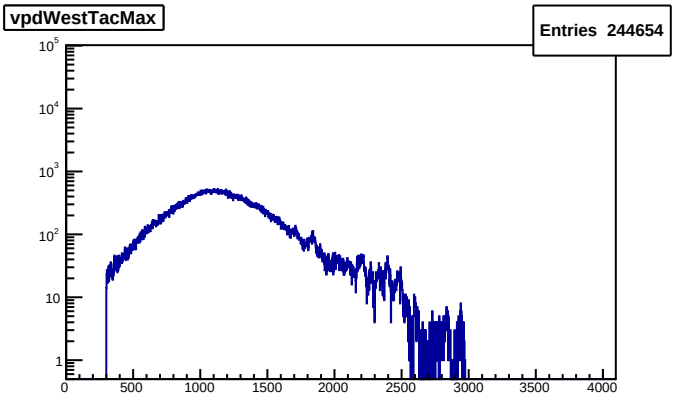

vpdEastAdcSumVsSimu
Entries 194435
Data
Simu

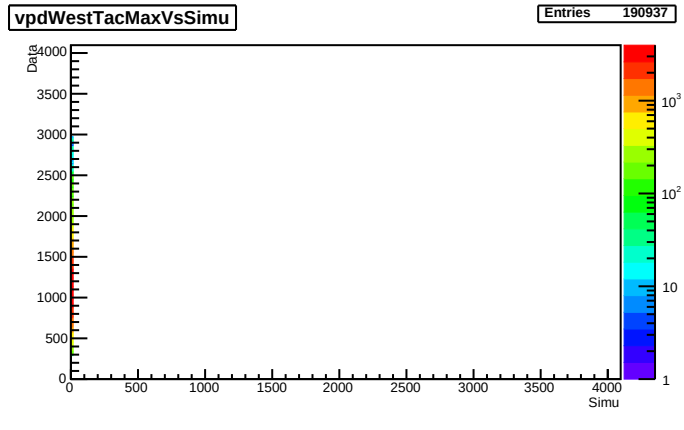

vpdEastTacMax
Entries 244654

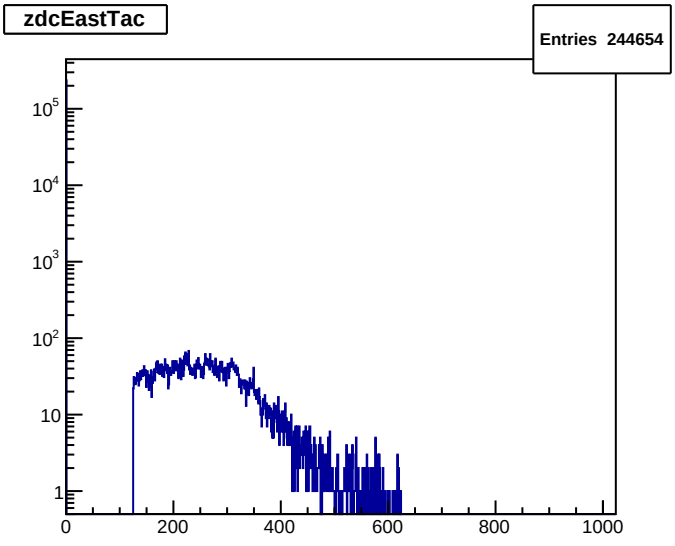

vpdEastTacMaxVsSimu
Entries 194435
Data
Simu

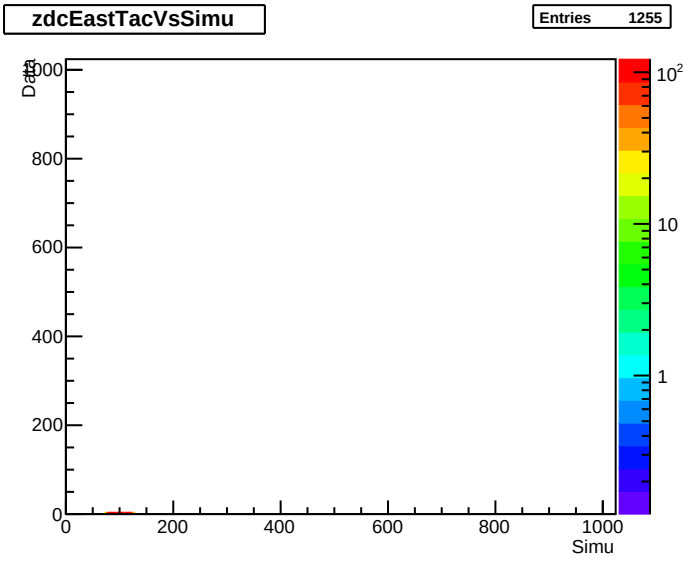

vpdWestAdcSum
Entries 244654

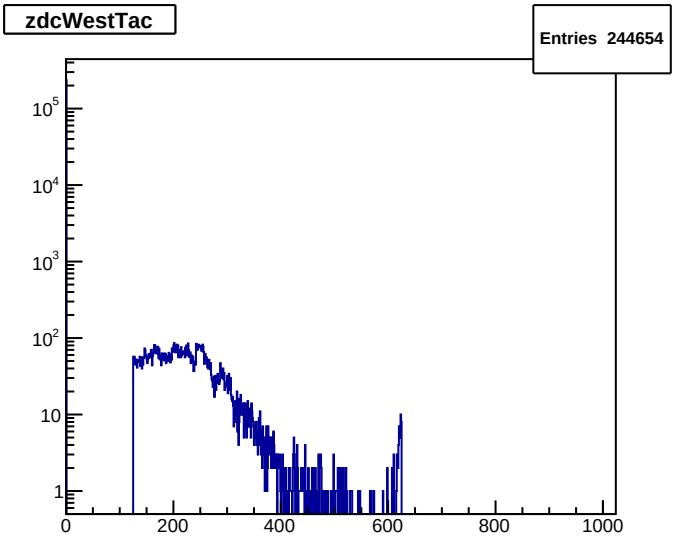

vpdWestAdcSumVsSimu
Entries 190937
Data
Simu

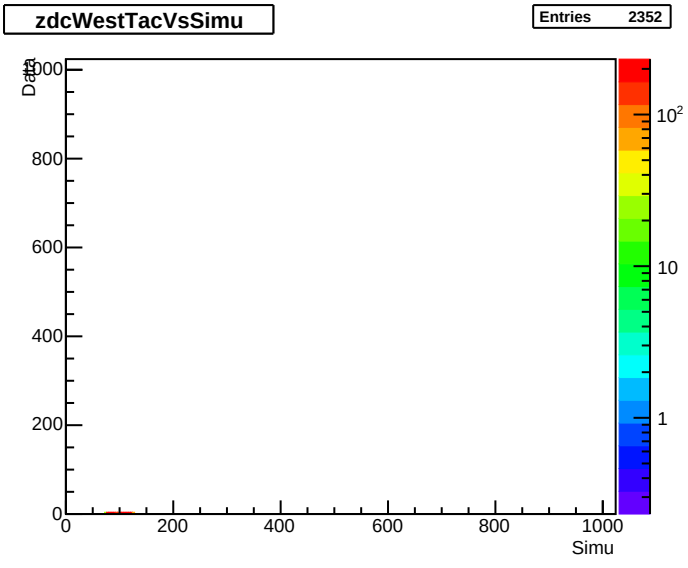

vpdWestTacMax
Entries 244654

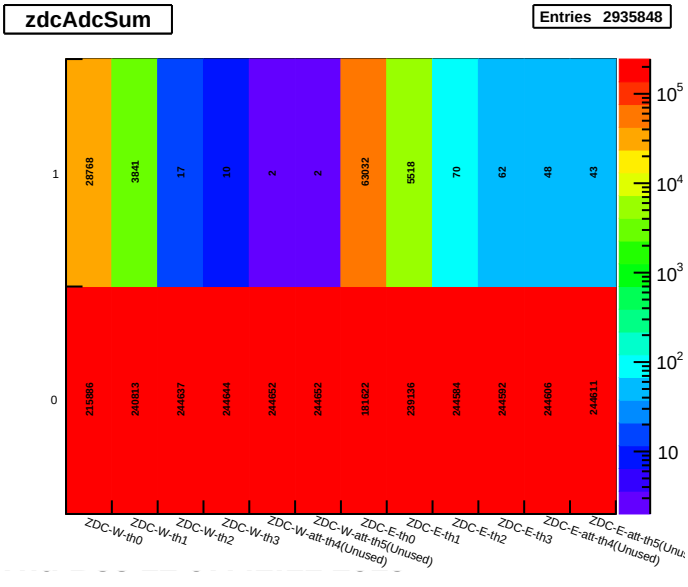

vpdWestTacMaxVsSimu
Entries 190937
Data
Simu

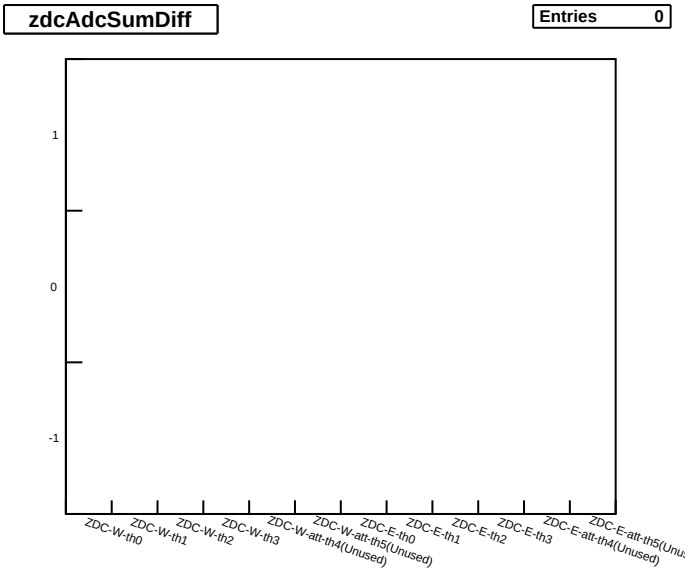

zdcEastTac
Entries 244654

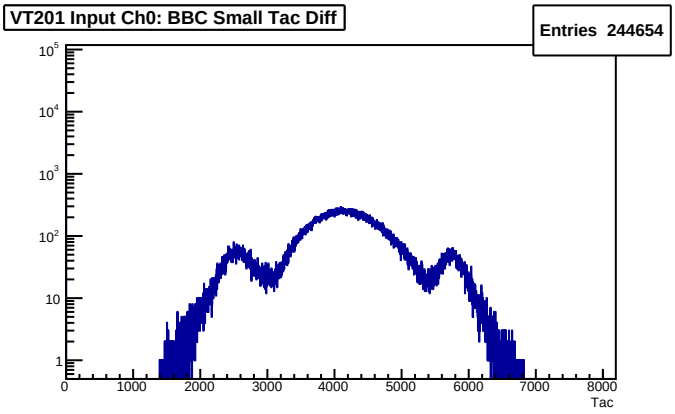

zdcEastTacVsSimu
Entries 1255
Data
Simu

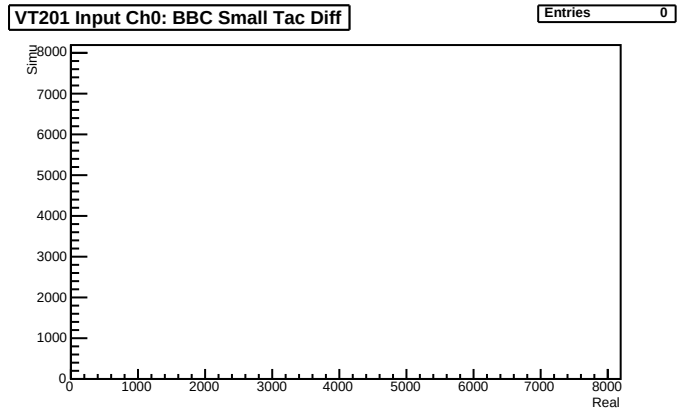

zdcWestTac
Entries 244654

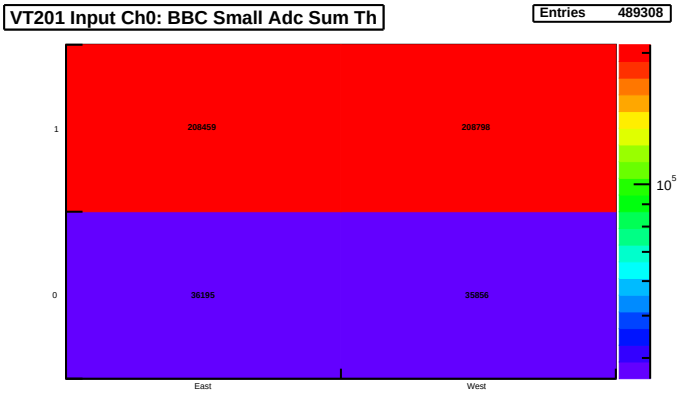

zdcWestTacVsSimu
Entries 2352
Data
Simu

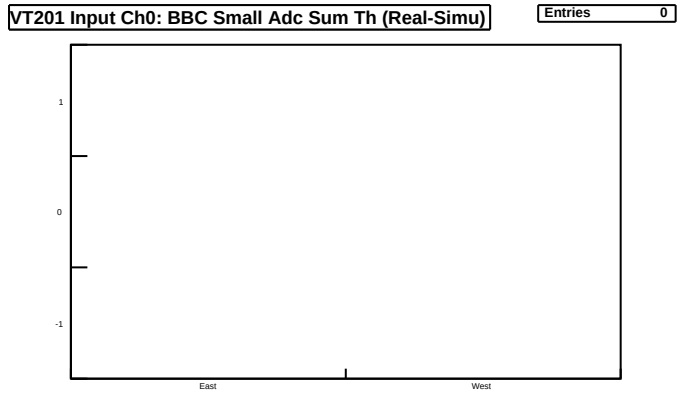

zdcAdcSum
Entries 2935848
28768
3841
17
10
2
2
63032
5518
70
62
48
43
215886
240813
244637
244644
244652
244652
181622
239136
244594
244592
244606
244611
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

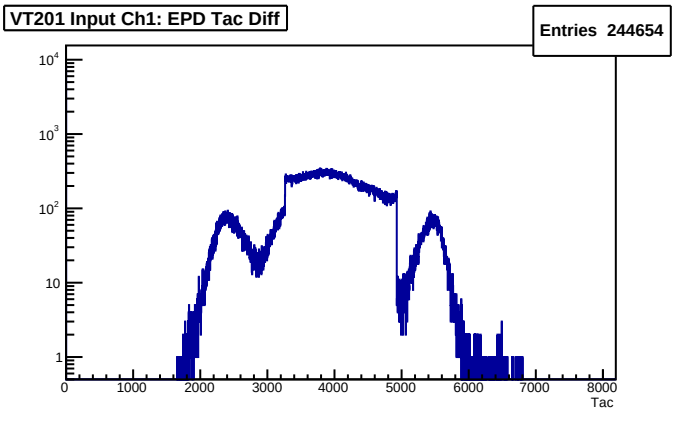

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

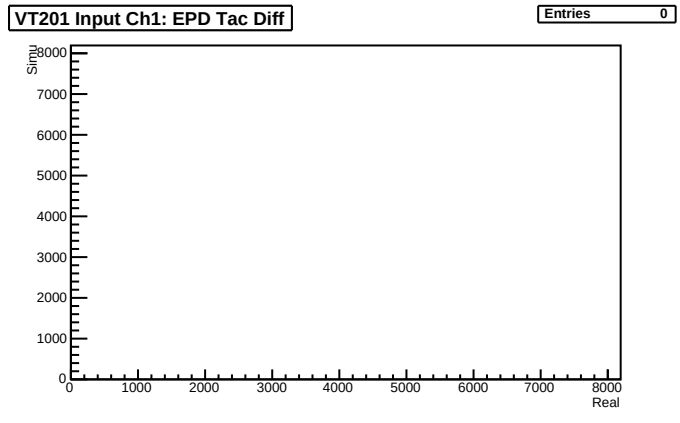

VT201 Input Ch0: BBC Small Tac Diff
Entries 244654
Tac

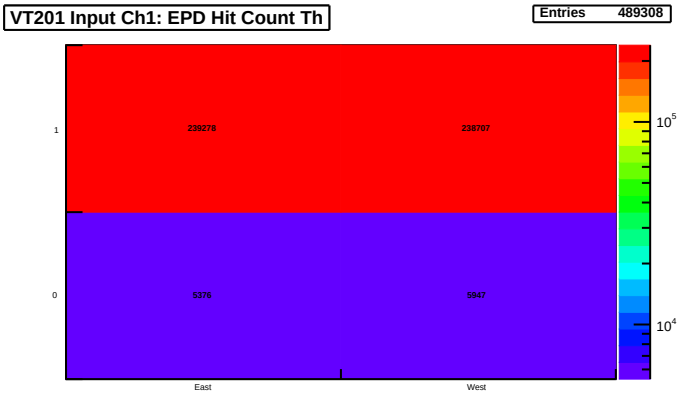

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

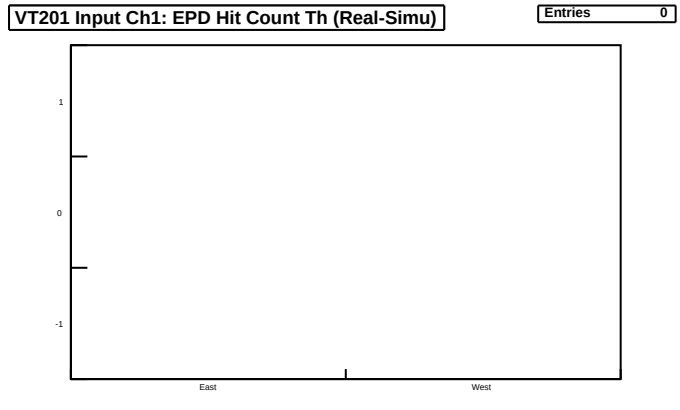

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 489308
208459
208798
36195
35856
East
West

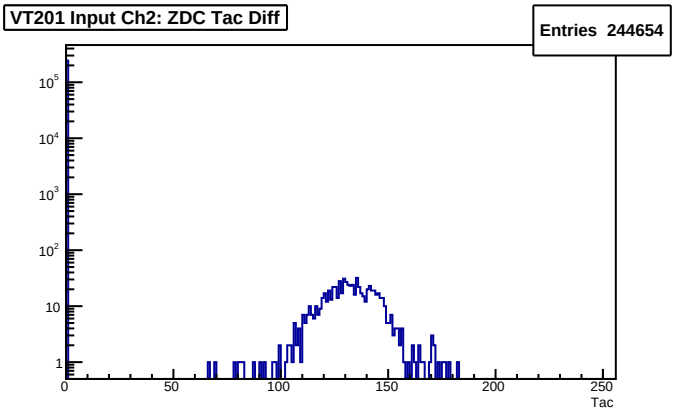

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

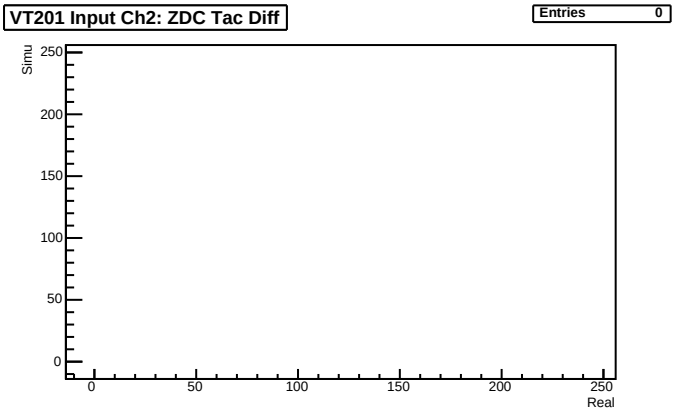

VT201 Input Ch1: EPD Tac Diff
Entries 244654
Tac

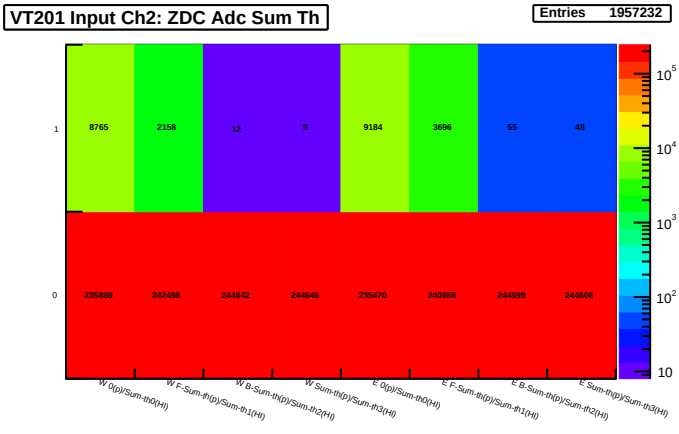

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

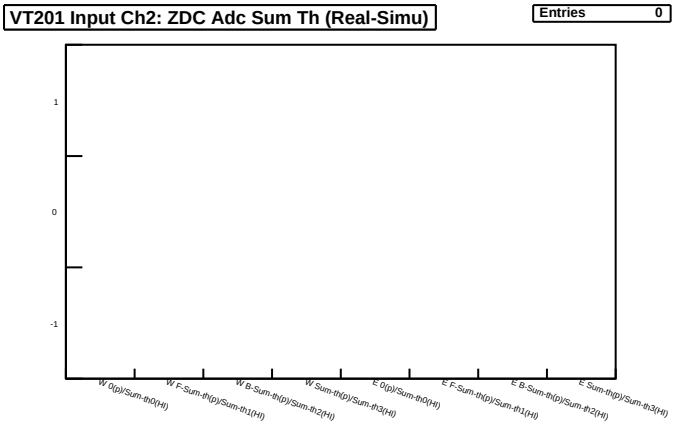

VT201 Input Ch1: EPD Hit Count Th
Entries 489308
239278
238707
5376
5947
East
West

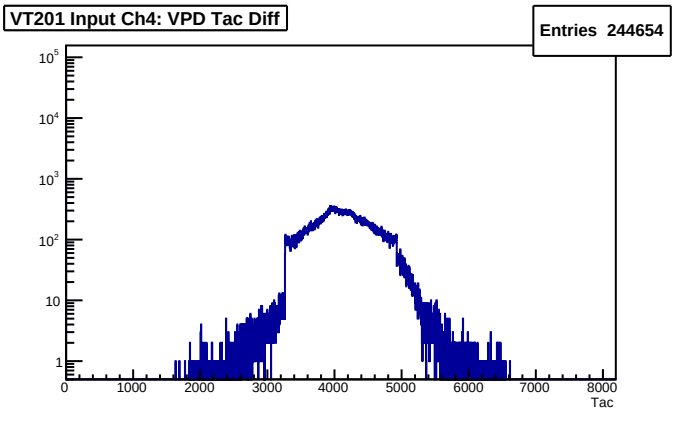

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

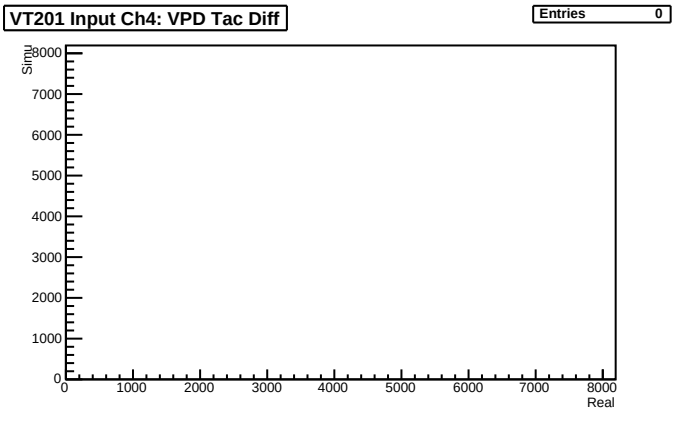

VT201 Input Ch2: ZDC Tac Diff
Entries 244654
Tac

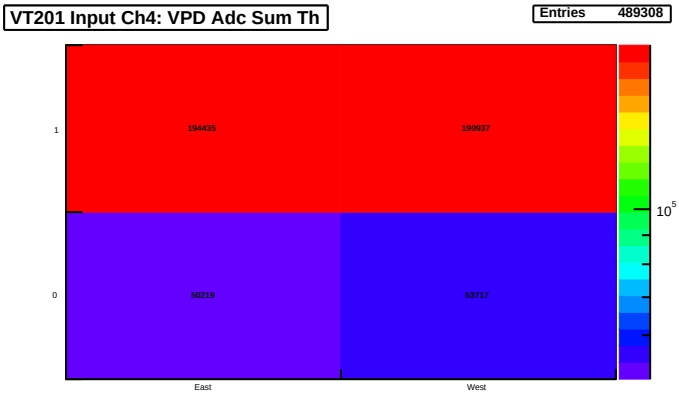

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

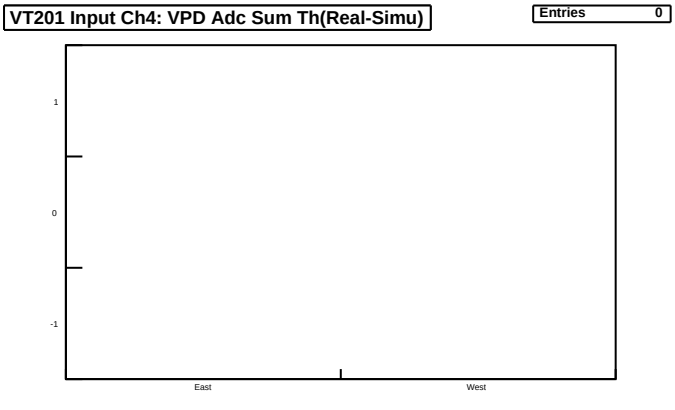

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1957232
8765
2158
12
8
9184
3696
55
48
235889
242496
244642
244646
235470
240958
244599
244606
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

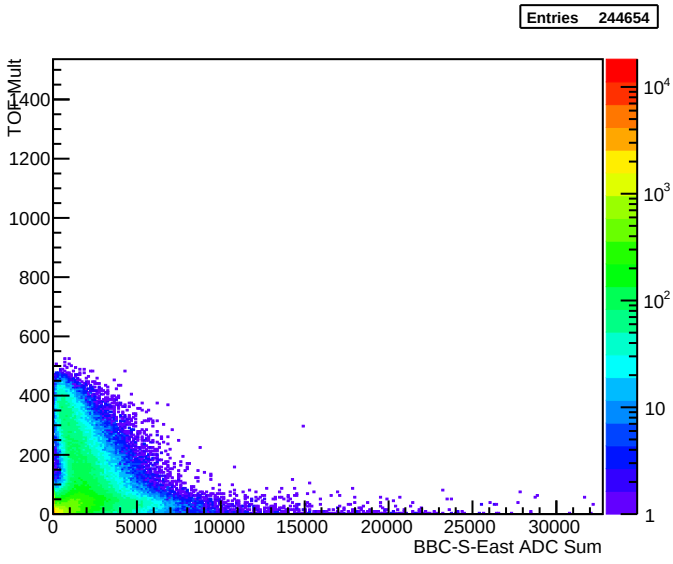

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

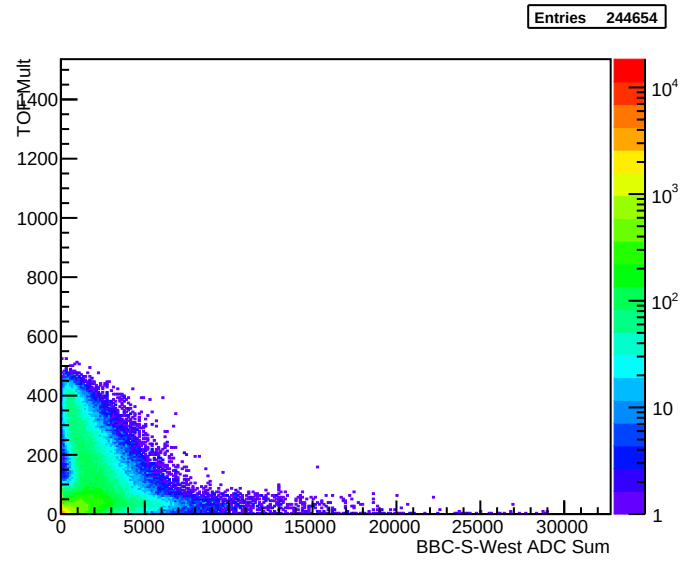

VT201 Input Ch4: VPD Tac Diff
Entries 244654
Tac

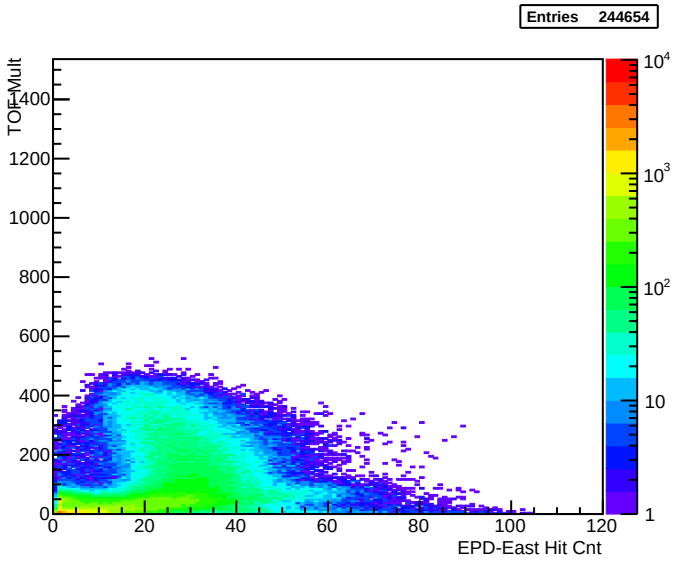

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

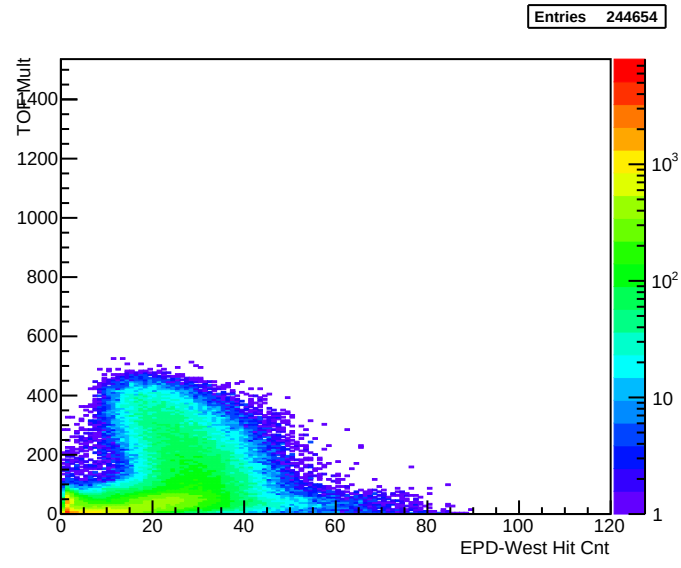

VT201 Input Ch4: VPD Adc Sum Th
Entries 489308
194435
190937
50219
53717
East
West

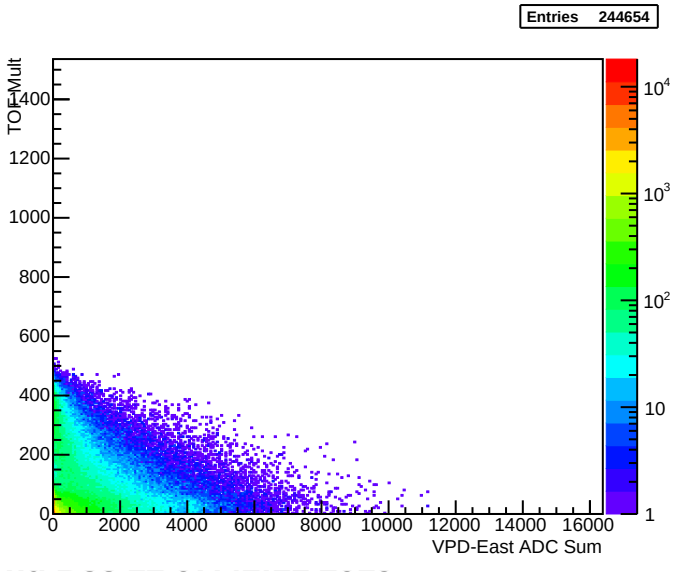

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

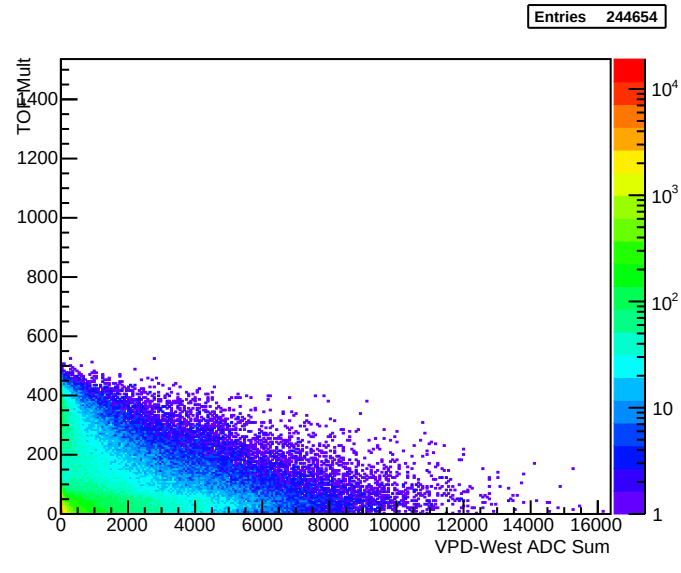

Entries 244654
TOF-Mult
BBC-S-East ADC Sum

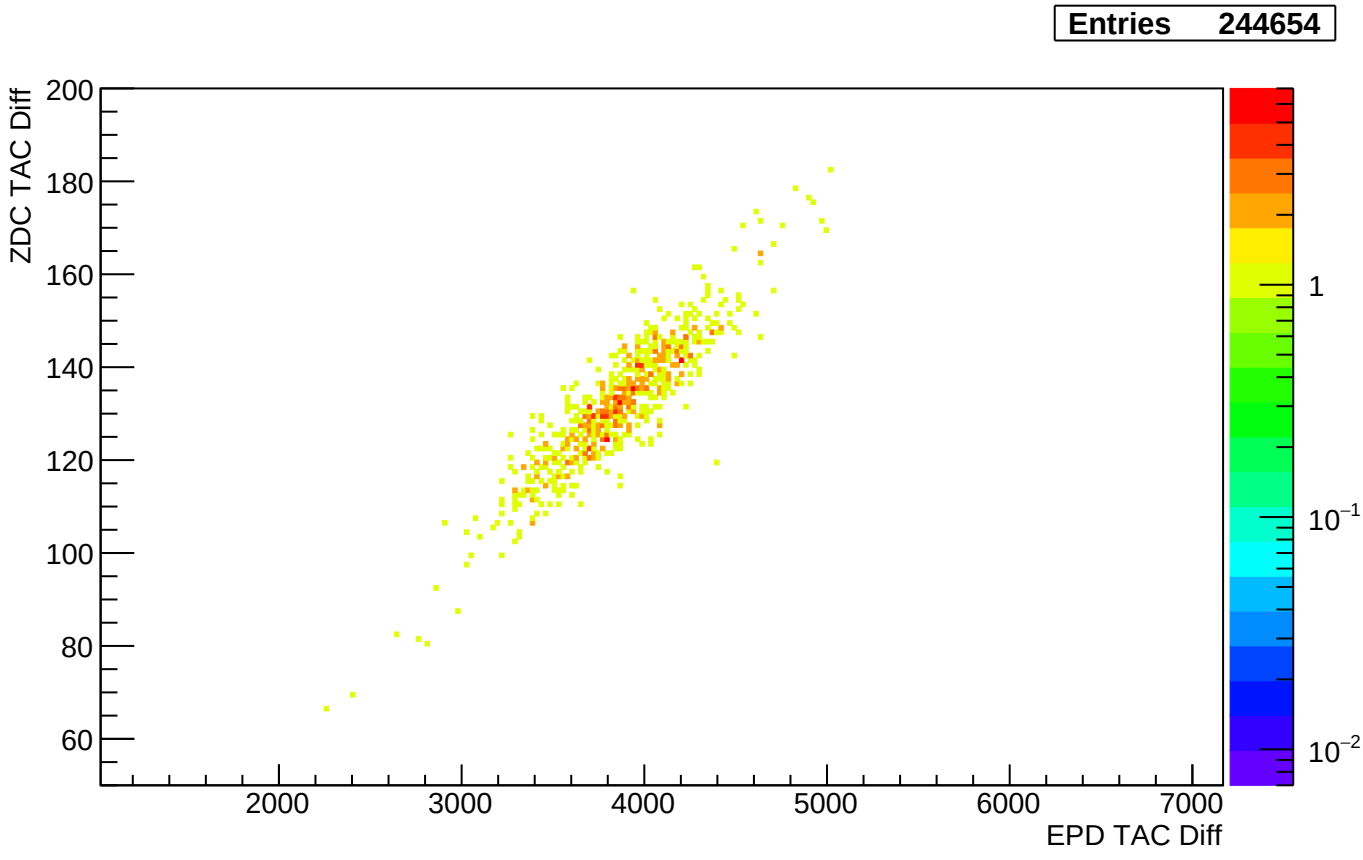

Entries 244654
TOF-Mult
BBC-S-West ADC Sum

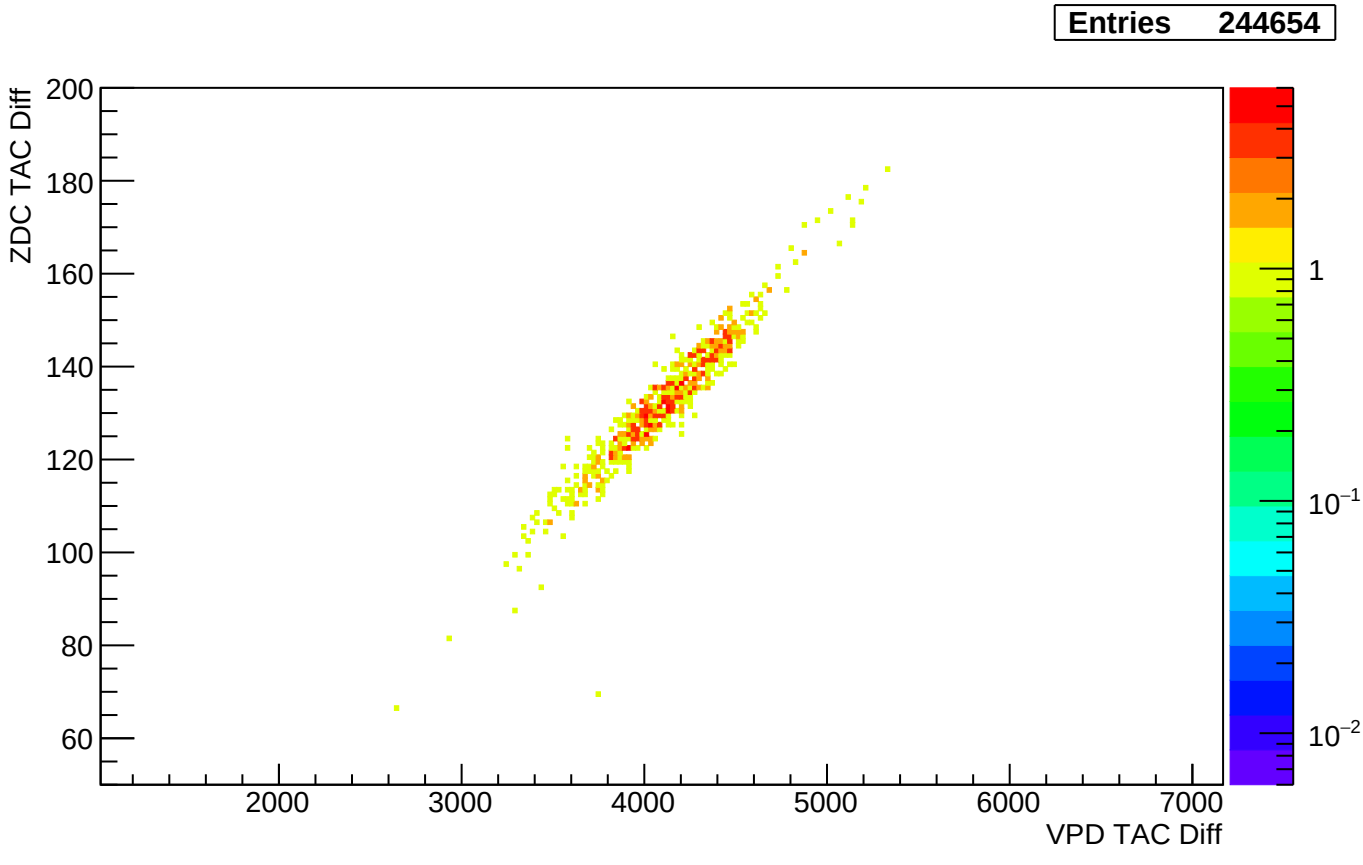

Entries 244654
TOF-Mult
EPD-East Hit Cnt

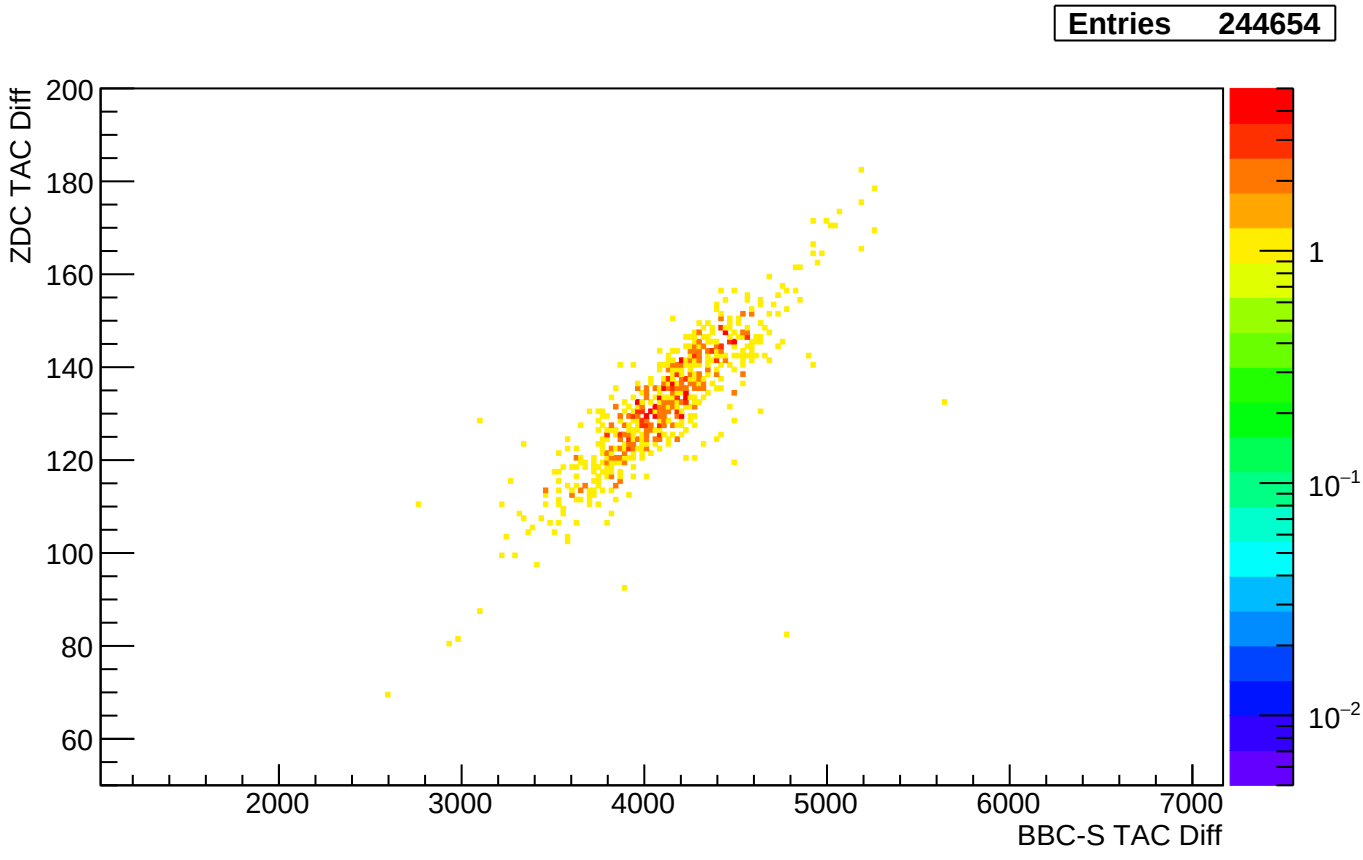

Entries 244654
TOF-Mult
EPD-West Hit Cnt

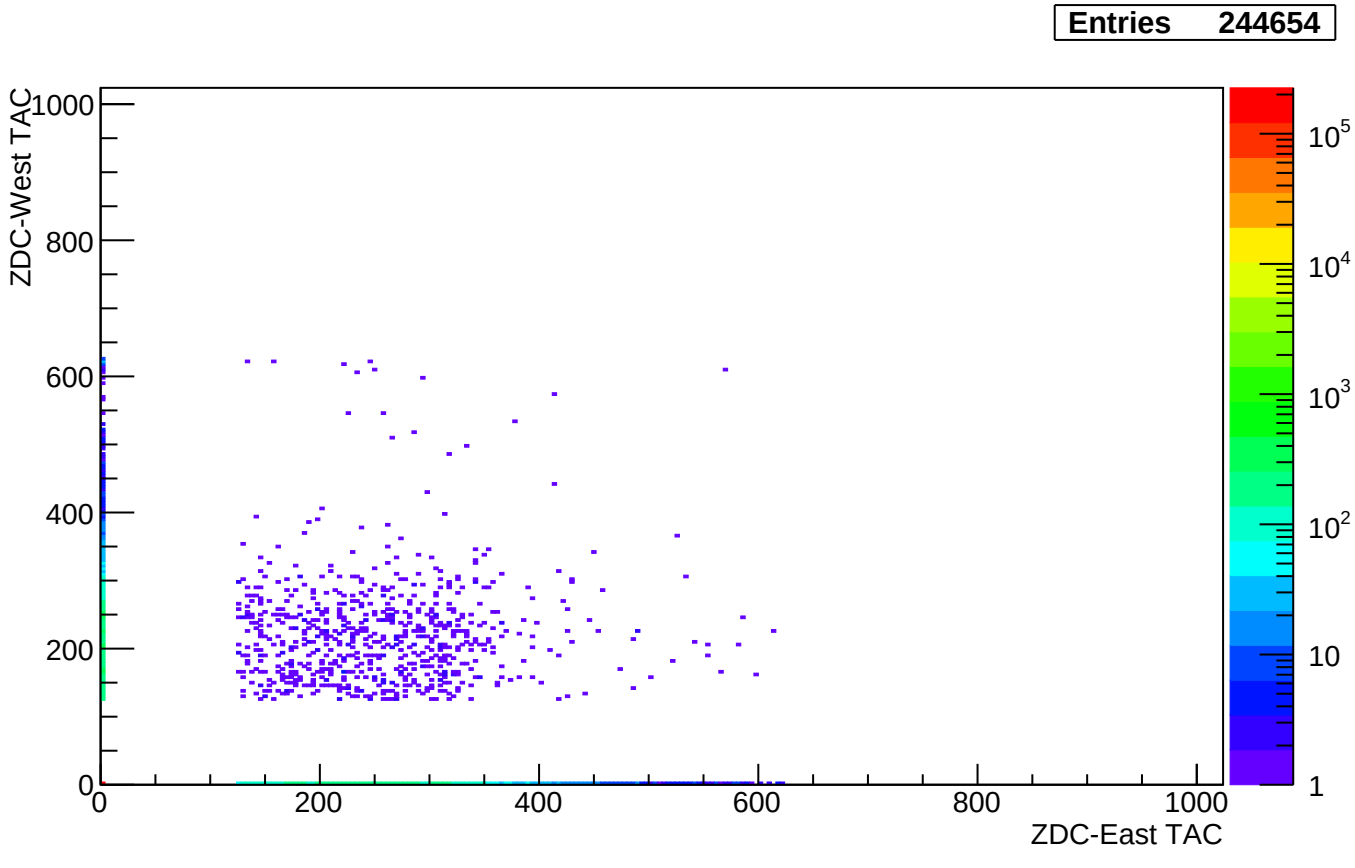

Entries 244654
TOF-Mult
VPD-East ADC Sum

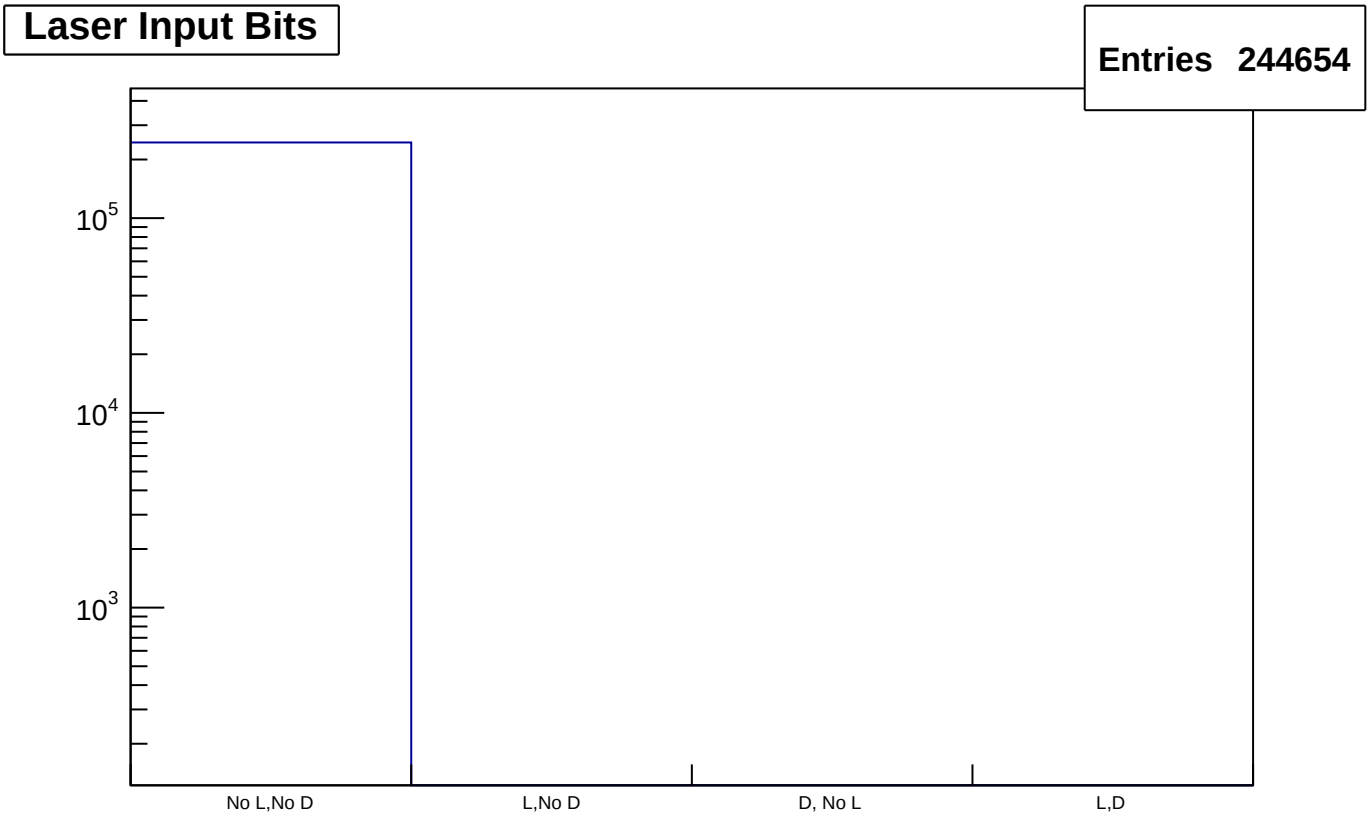

Entries 244654
TOF-Mult
VPD-West ADC Sum

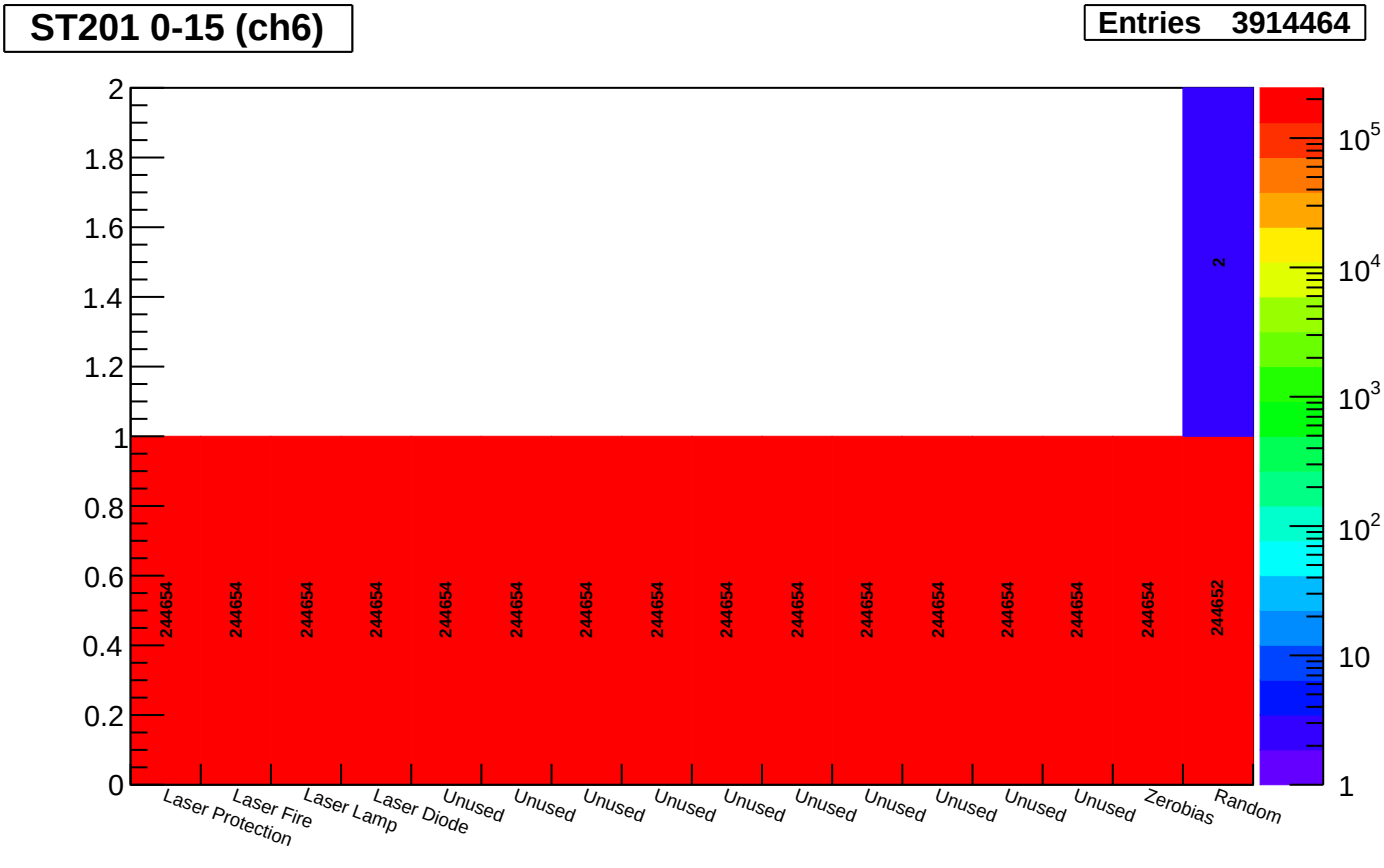

Entries 244654
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

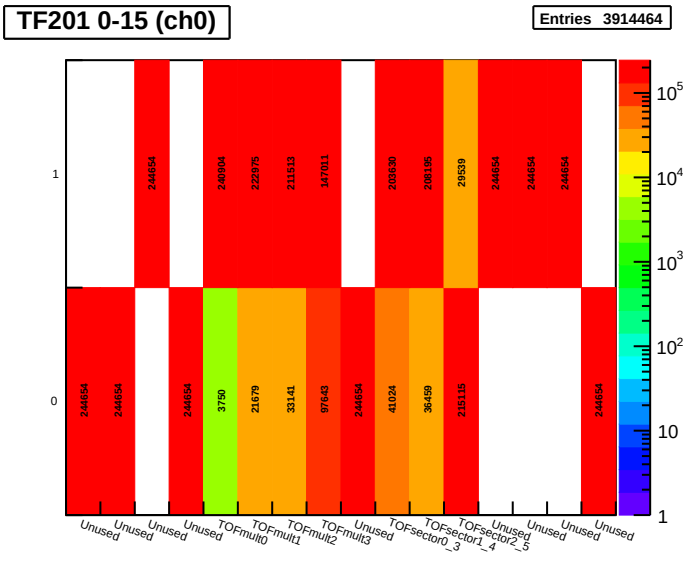

Entries 244654
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

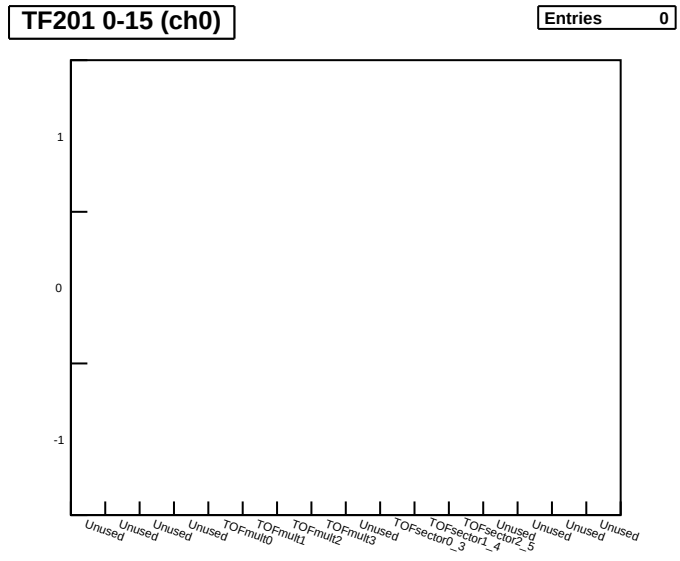

Entries 244654
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

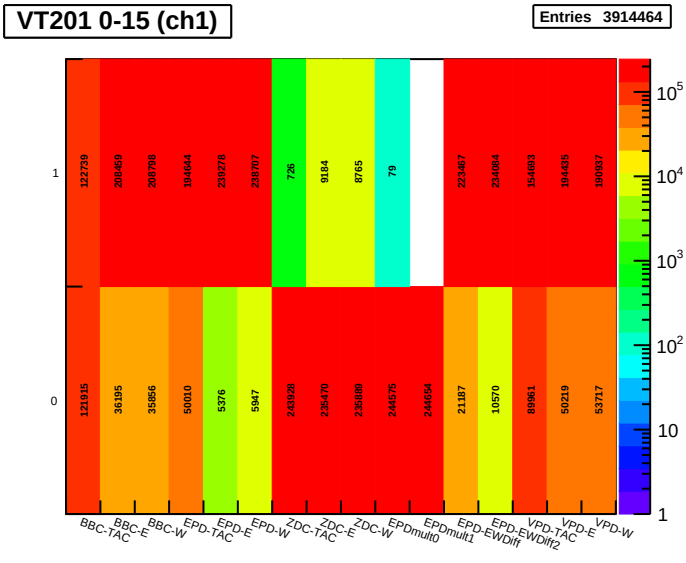

Entries 244654
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

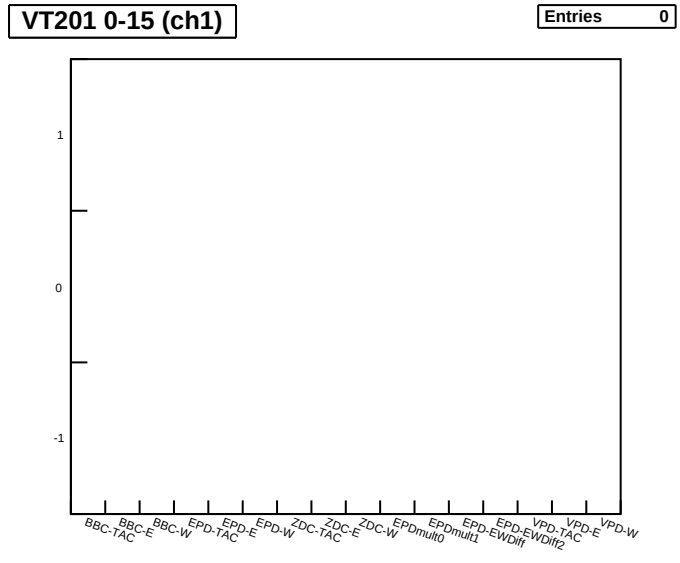

Laser Input Bits
Entries 244654
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

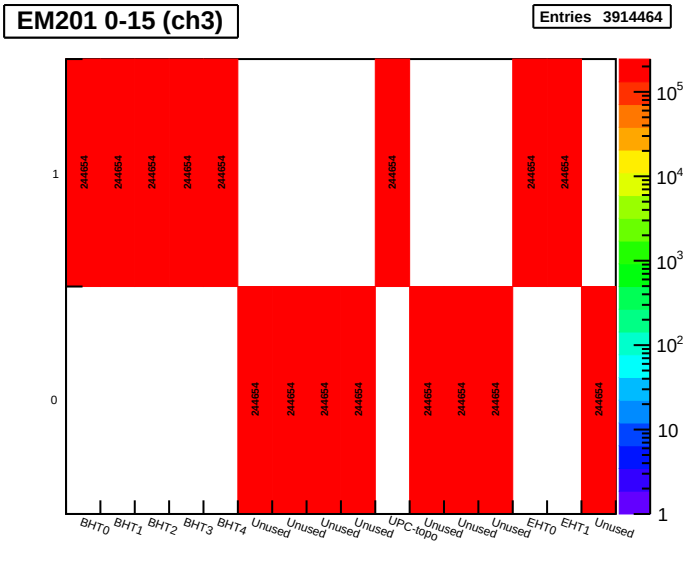

ST201 0-15 (ch6)
Entries 3914464
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244652
2
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

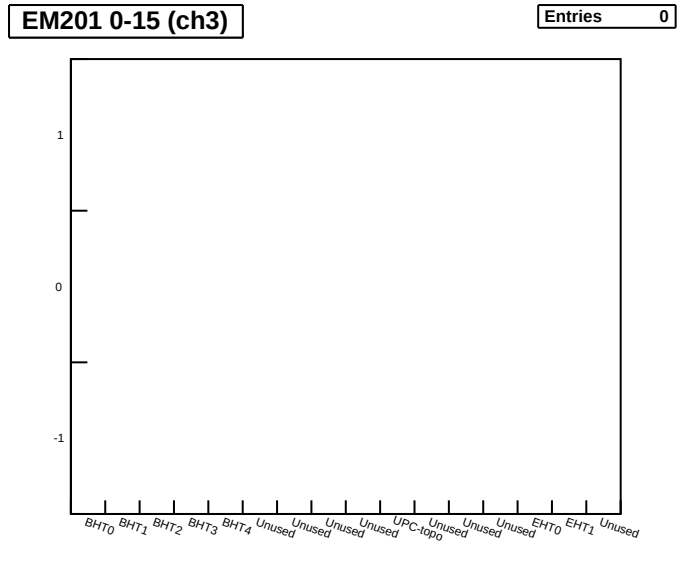

TF201 0-15 (ch0)
Entries 3914464
1
0
244654
240904
222975
211513
147011
203630
208195
29539
244654
244654
244654
244654
244654
244654
3750
21679
33141
97643
244654
41024
36459
215115
244654
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3914464
1
0
122739
208459
208788
194644
239278
238707
726
9184
8765
79
223467
234084
154693
194435
190937
121915
36195
35856
50010
5376
5947
243928
235470
235889
244575
244654
21187
10570
89961
50219
53717
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 3914464
1
0
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
244654
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