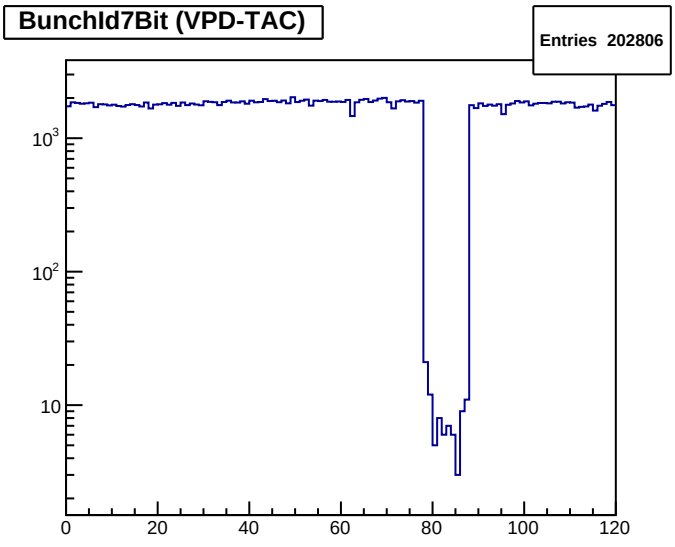
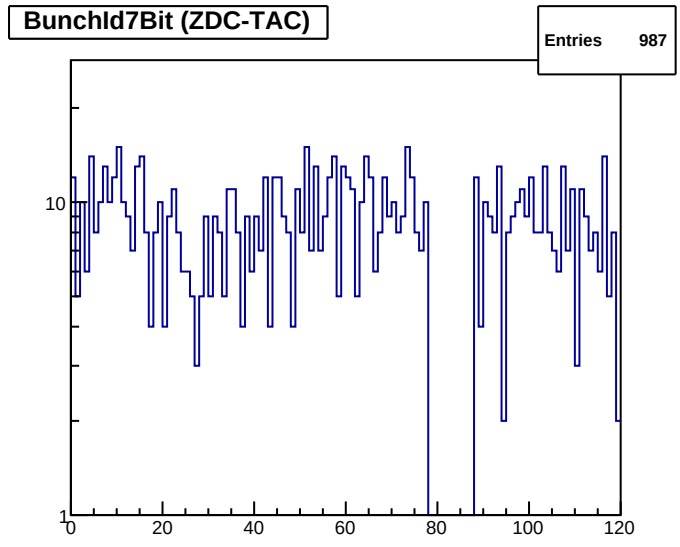
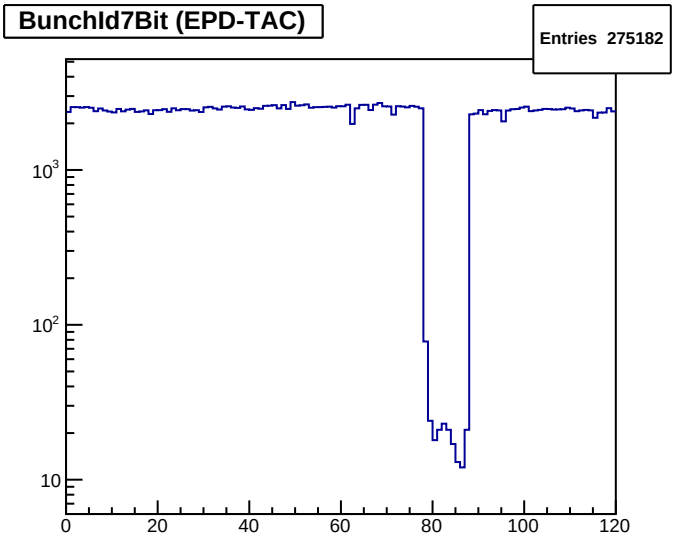
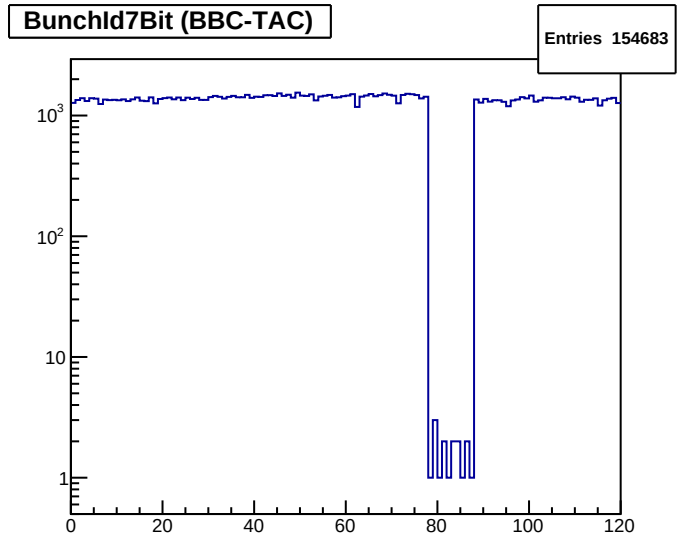
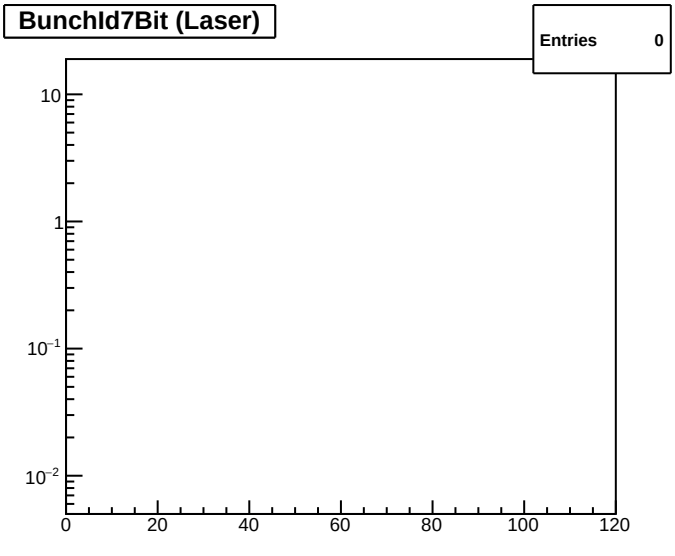
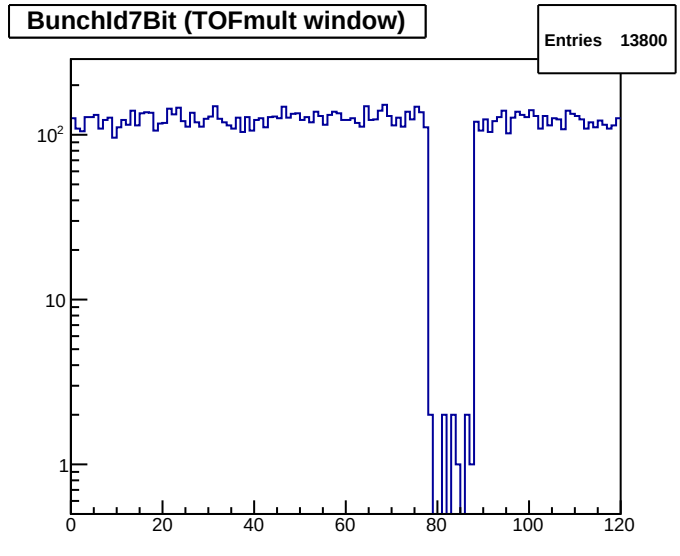

BunchId7Bit (VPD-TAC)
Entries 202806

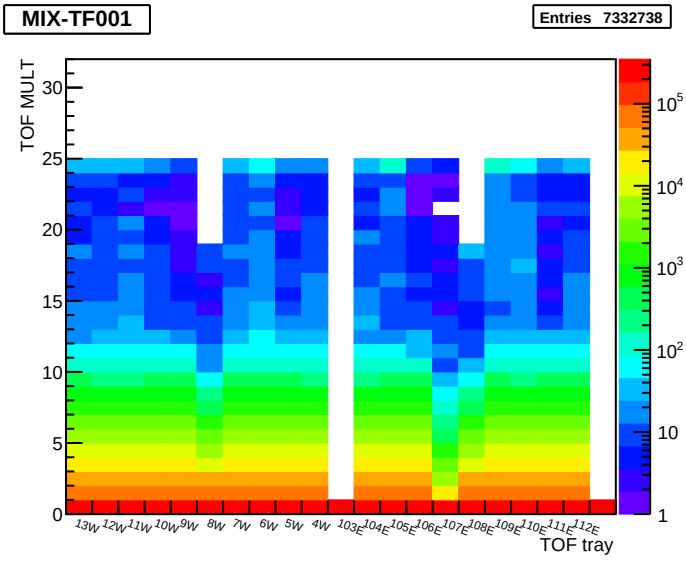

BunchId7Bit (ZDC-TAC)
Entries 987

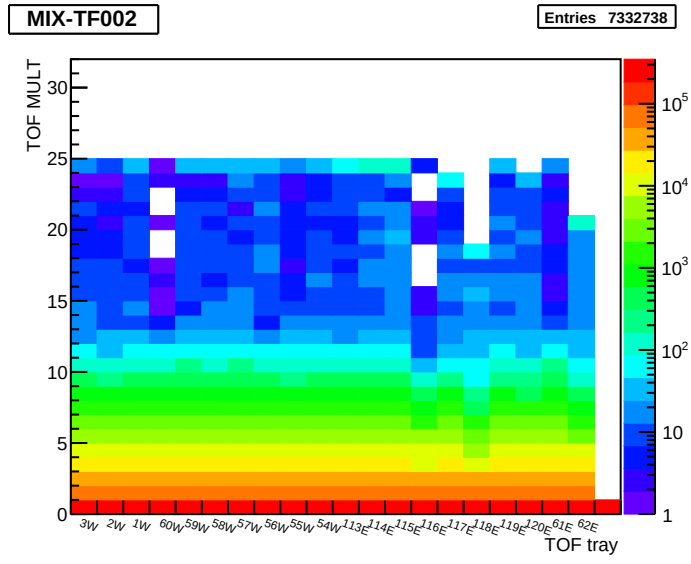

BunchId7Bit (EPD-TAC)
Entries 275182

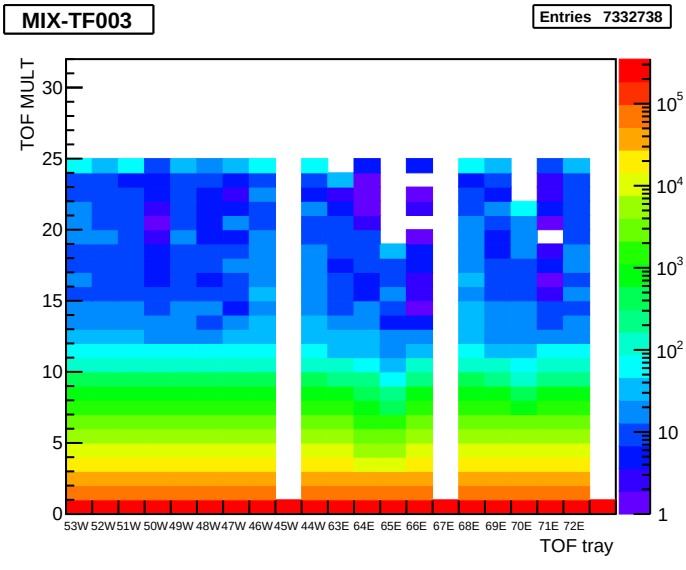

BunchId7Bit (BBC-TAC)
Entries 154683

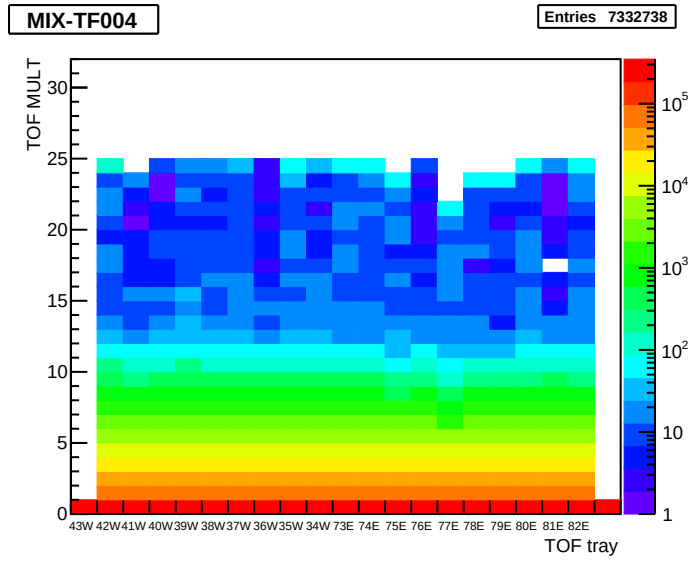

BunchId7Bit (Laser)
Entries 0

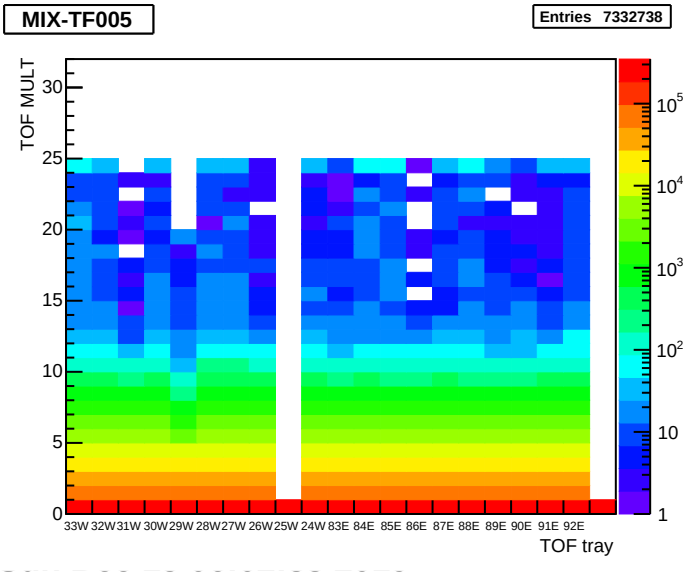

BunchId7Bit (TOFmult window)
Entries 13800

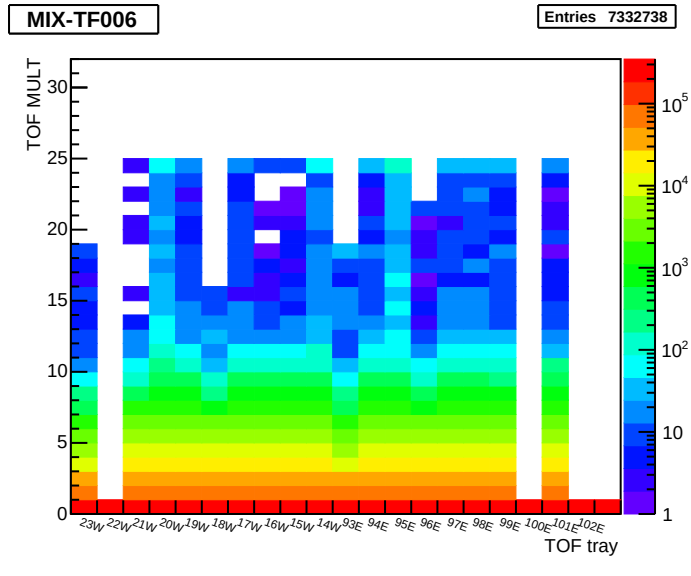

MIX-TF001
Entries 7332738
TOF MULT
TOF tray

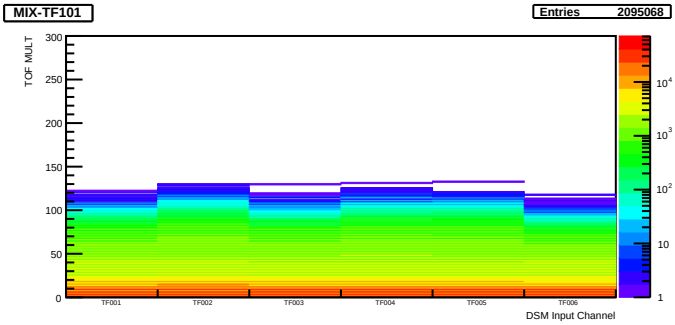

MIX-TF002
Entries 7332738
TOF MULT
TOF tray

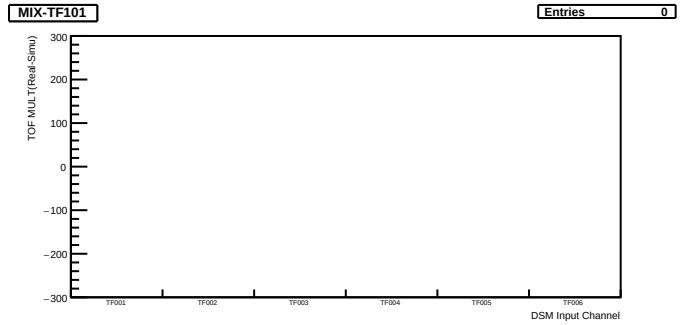

MIX-TF003
Entries 7332738
TOF MULT
TOF tray

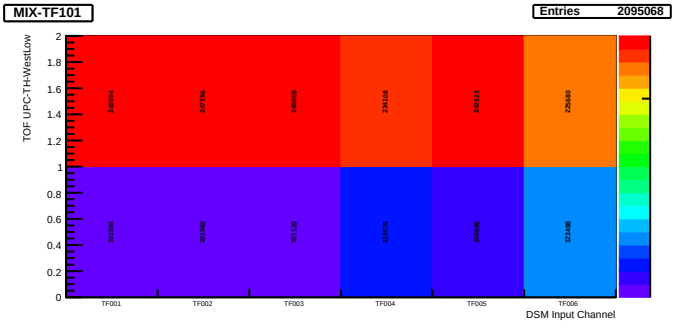

MIX-TF004
Entries 7332738
TOF MULT
TOF tray

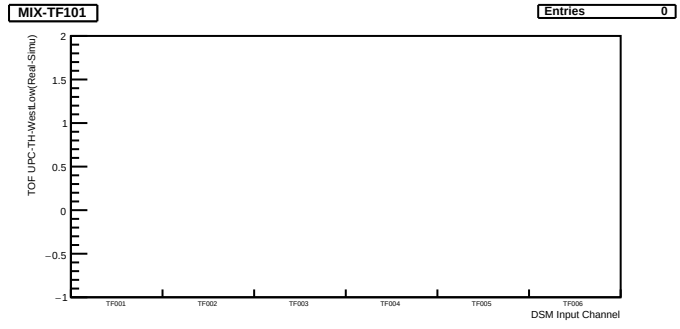

MIX-TF005
Entries 7332738
TOF MULT
TOF tray

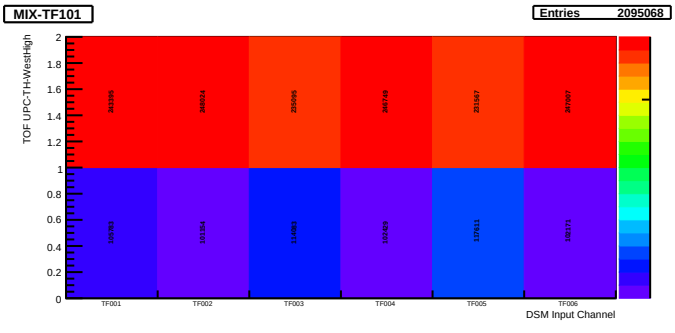

MIX-TF006
Entries 7332738
TOF MULT
TOF tray

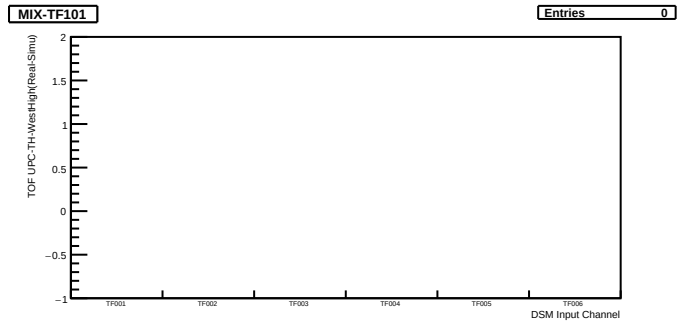

MIX-TF101
Entries 2095068
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

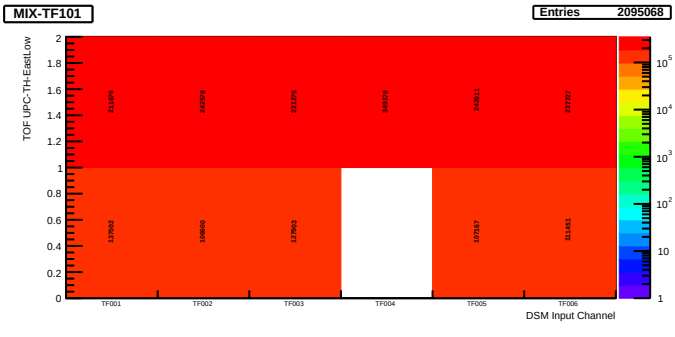

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

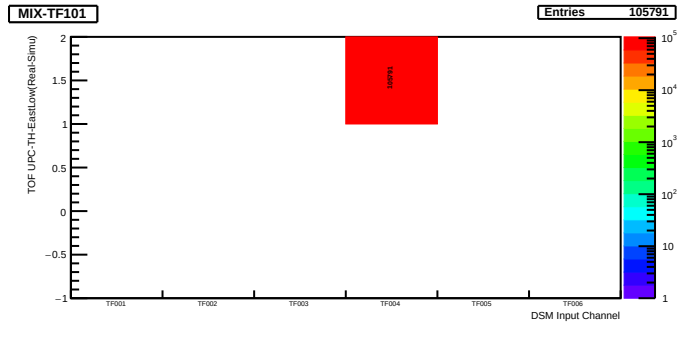

MIX-TF101
Entries 2095068
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

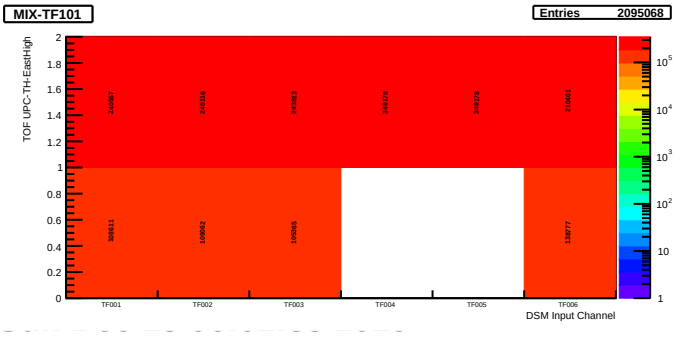

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

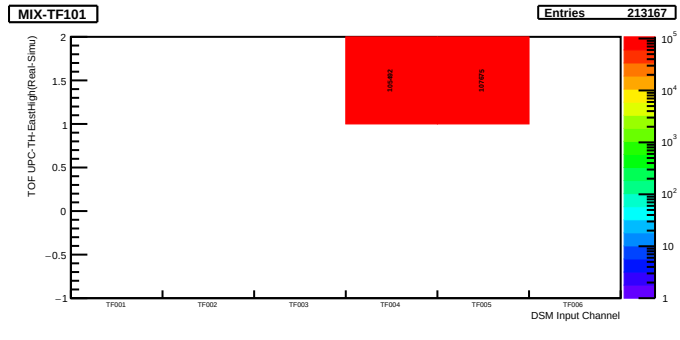

MIX-TF101
Entries 2095068
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

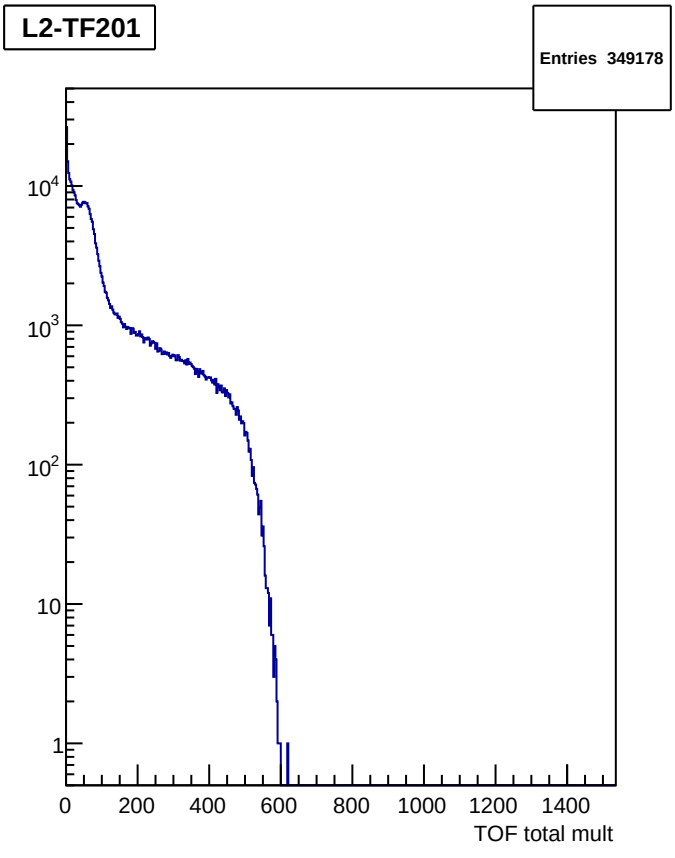

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

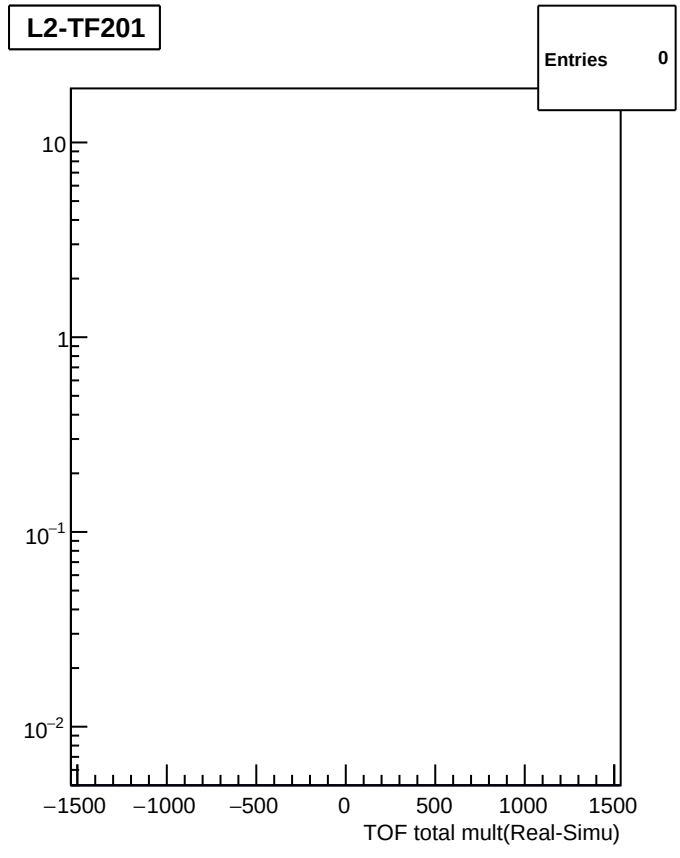

MIX-TF101
Entries 2095068
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

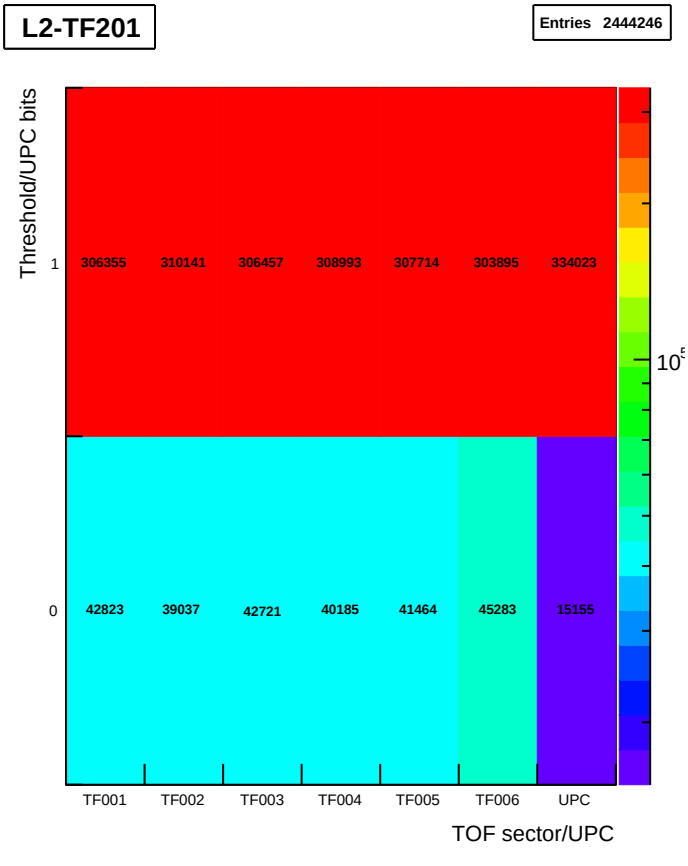

MIX-TF101
Entries 105791
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

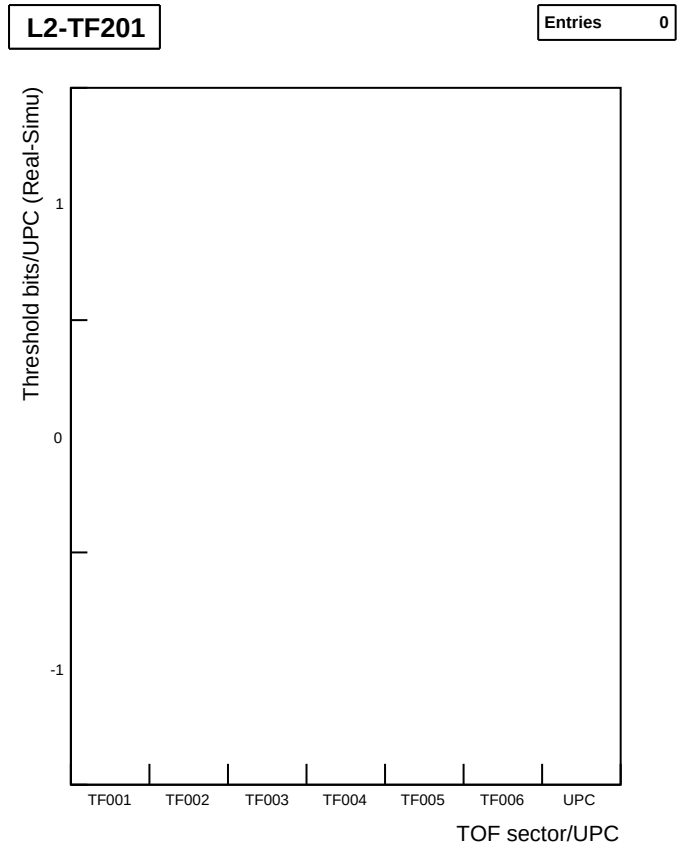

MIX-TF101
Entries 2095068
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

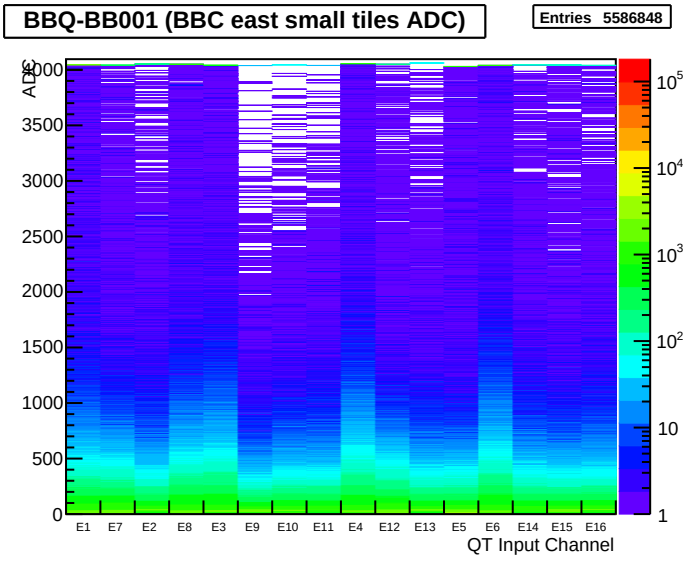

MIX-TF101
Entries 213167
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

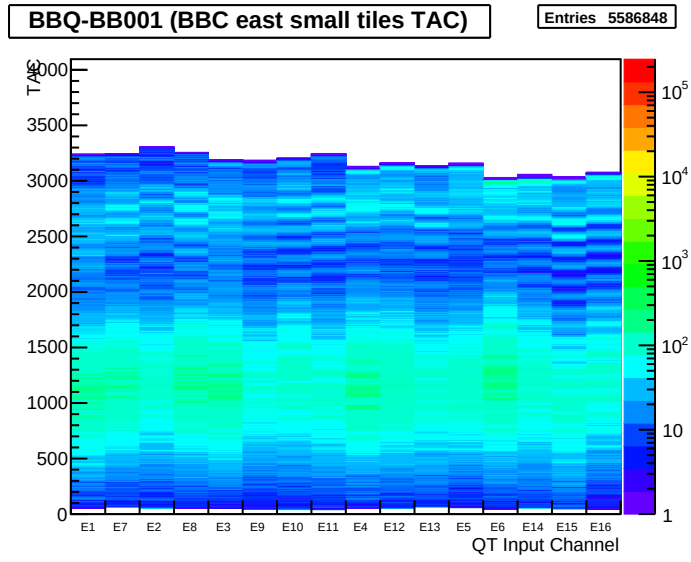

L2-TF201
Entries 349178
TOF total mult

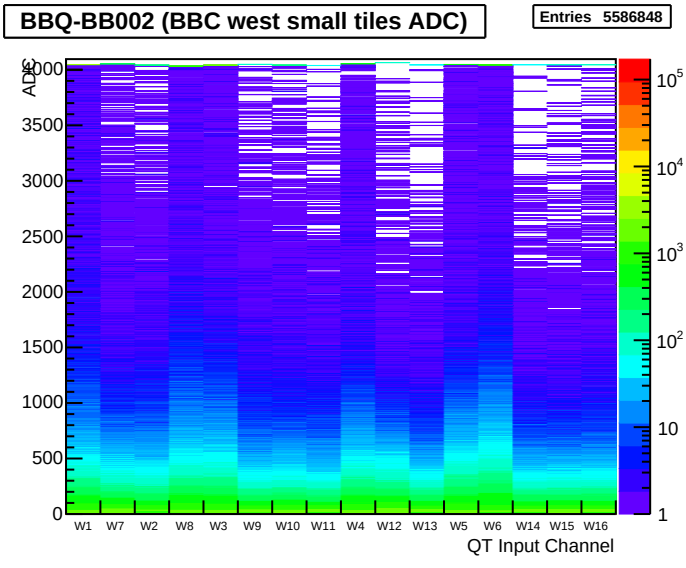

L2-TF201
Entries 0
TOF total mult(Real-Simu)

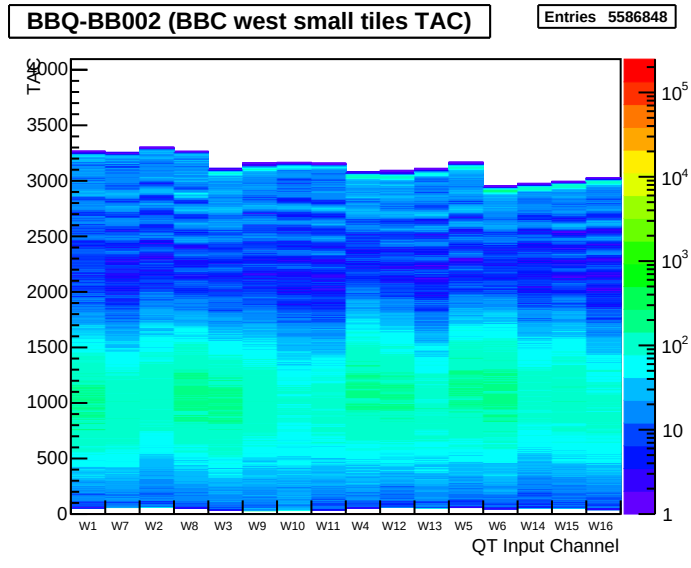

L2-TF201
Entries 2444246
Threshold/UPC bits
306355
310141
306457
308993
307714
303895
334023
42823
39037
42721
40185
41464
45283
15155
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

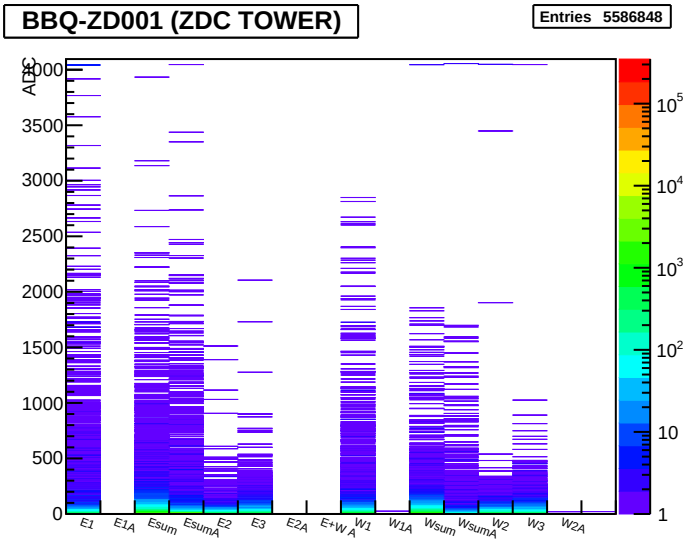

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

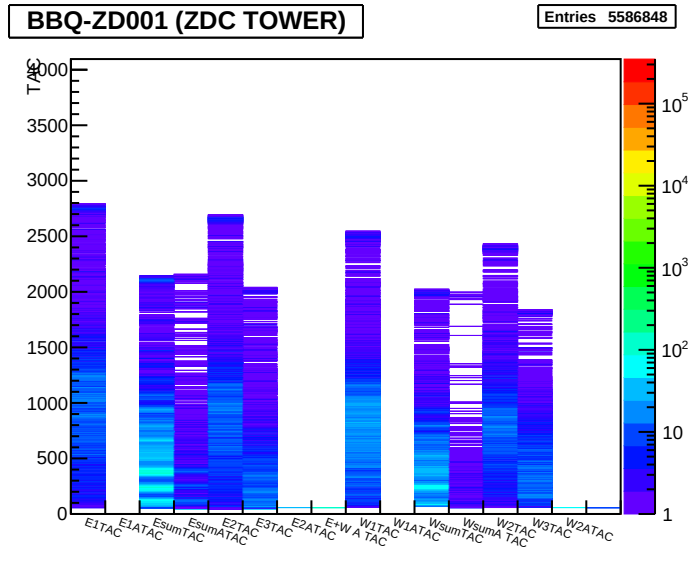

BBQ-BB001 (BBC east small tiles ADC)
Entries 5586848
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

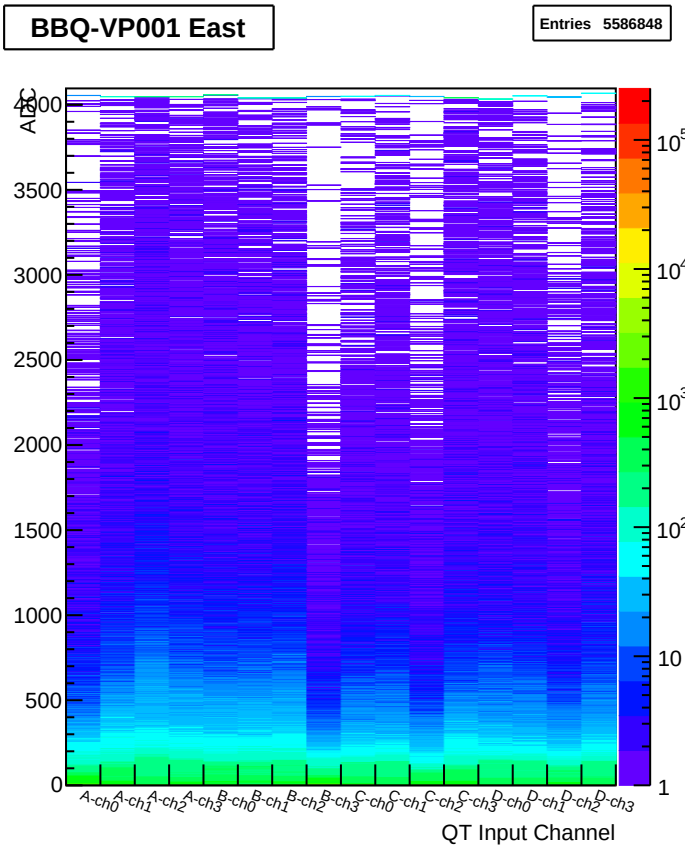

BBQ-BB001 (BBC east small tiles TAC)
Entries 5586848
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

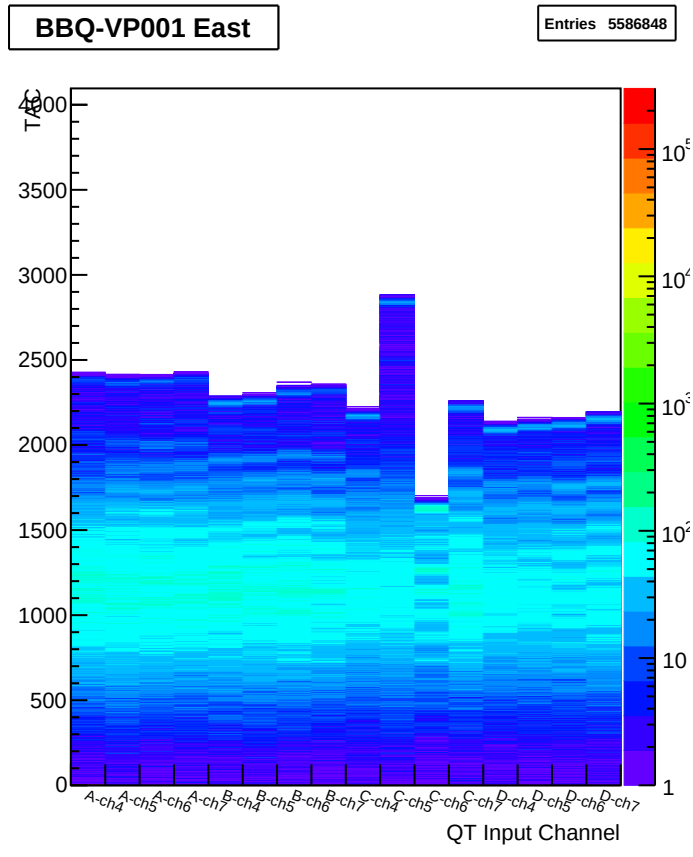

BBQ-BB002 (BBC west small tiles ADC)
Entries 5586848
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

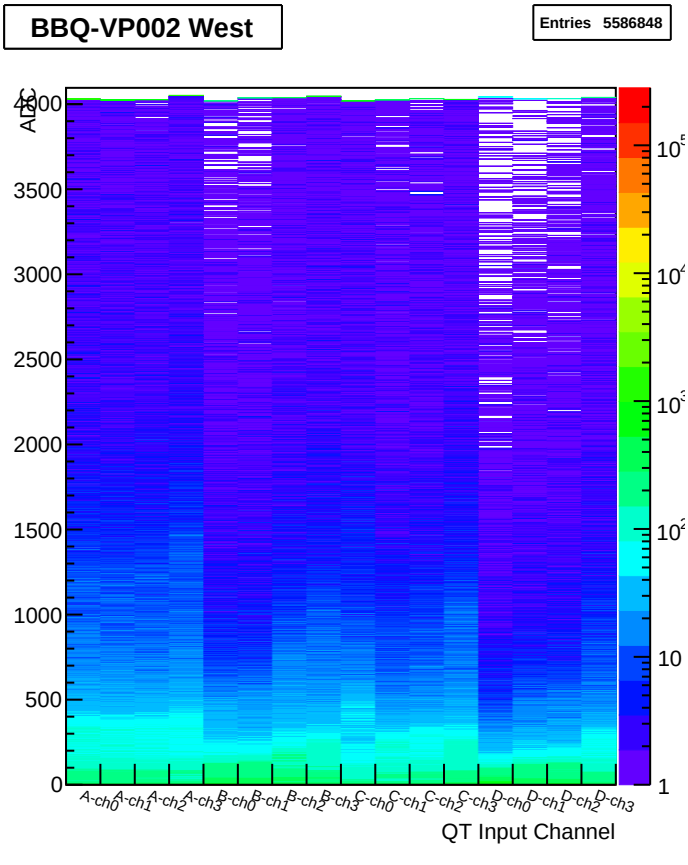

BBQ-BB002 (BBC west small tiles TAC)
Entries 5586848
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

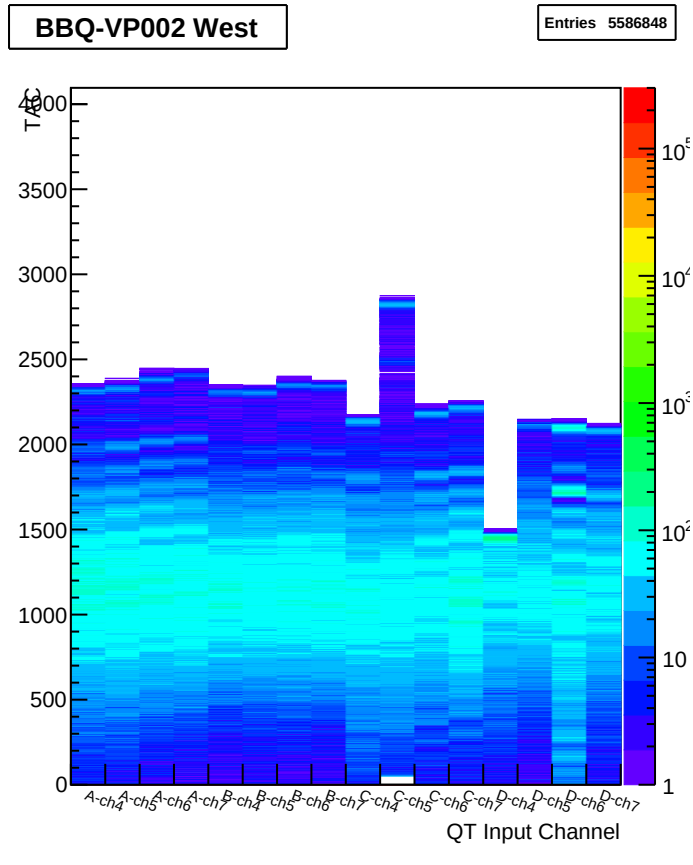

BBQ-ZD001 (ZDC TOWER)
Entries 5586848
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

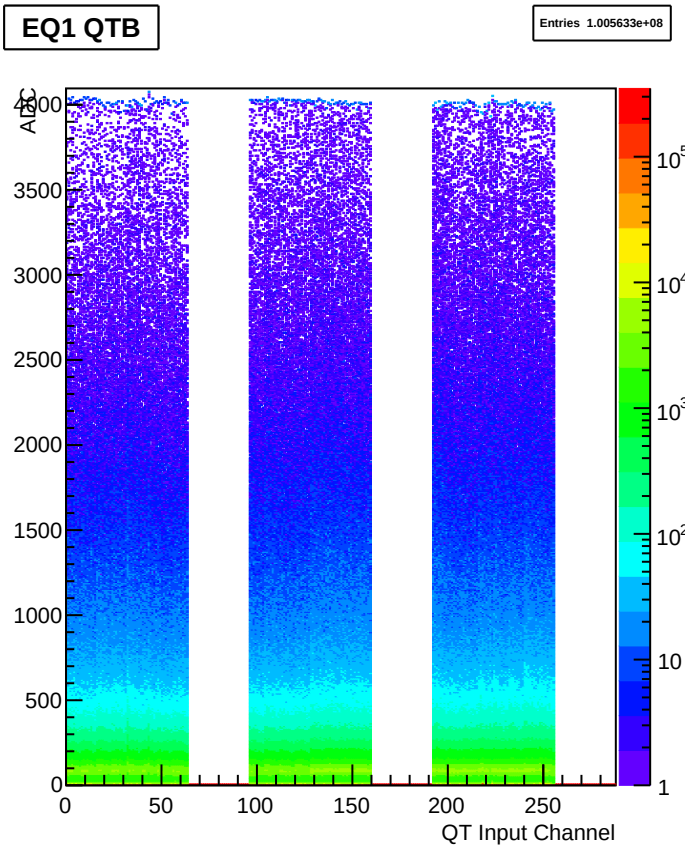

BBQ-ZD001 (ZDC TOWER)
Entries 5586848
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

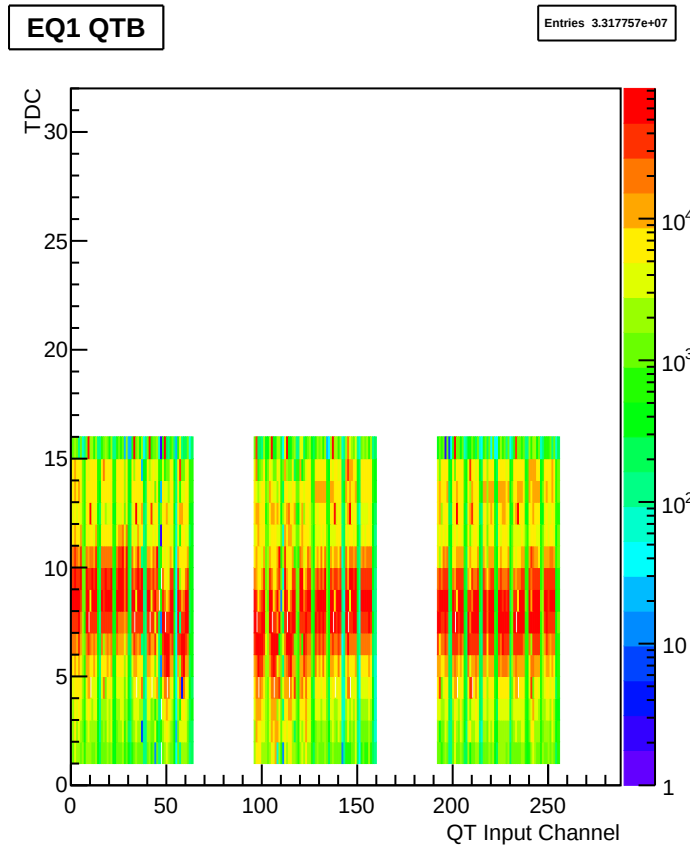

BBQ-VP001 East
Entries 5586848
ADC
QT Input Channel

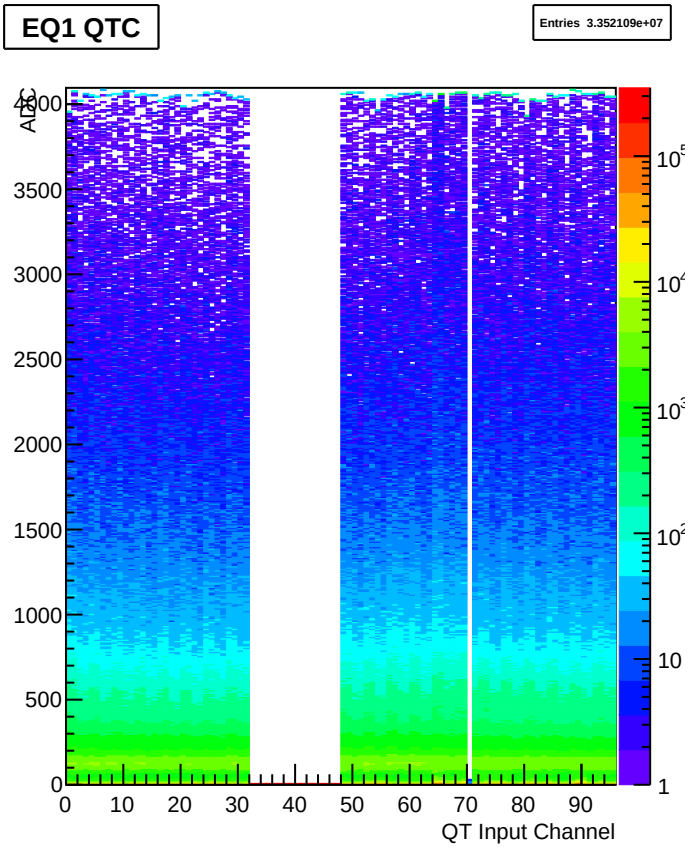

BBQ-VP001 East
Entries 5586848
TADC
QT Input Channel

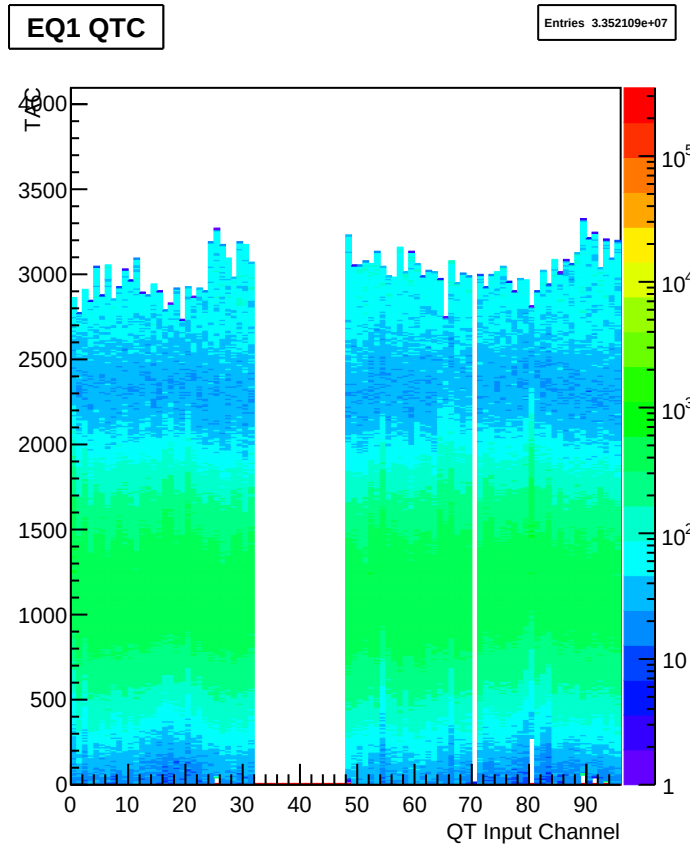

BBQ-VP002 West
Entries 5586848
ADC
QT Input Channel

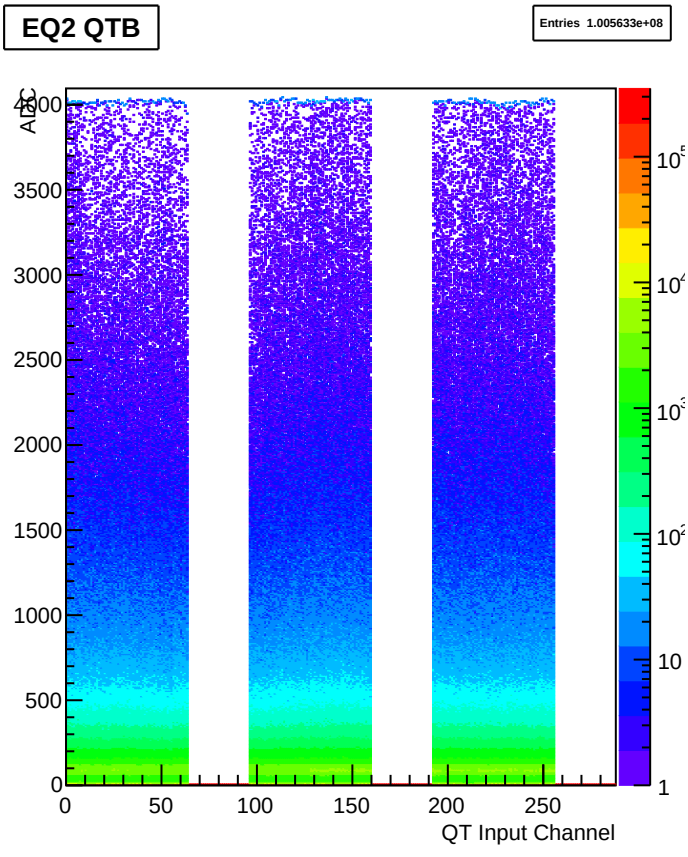

BBQ-VP002 West
Entries 5586848
TADC
QT Input Channel

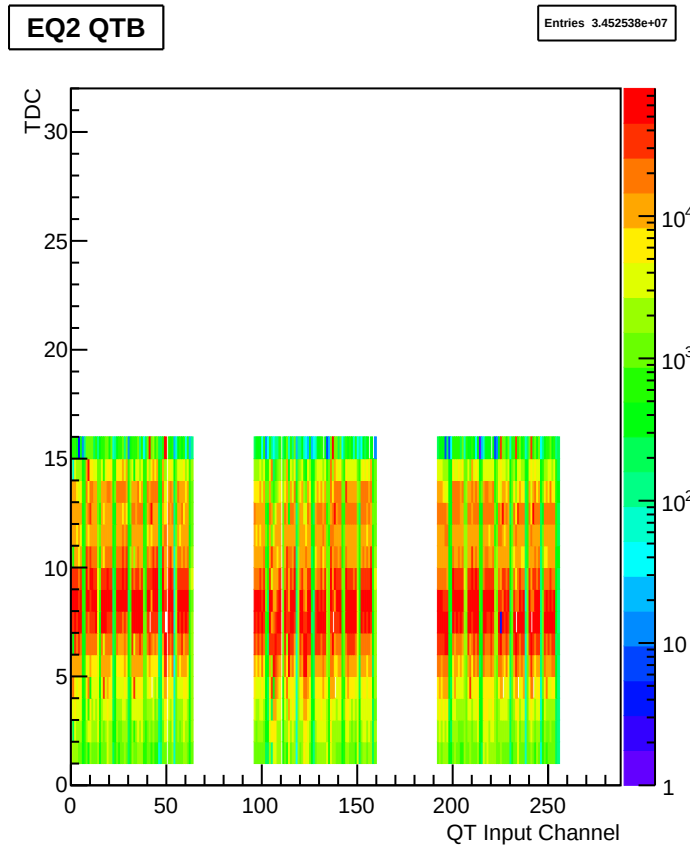

EQ1 QTB
Entries 1.005633e+08
ADC
QT Input Channel

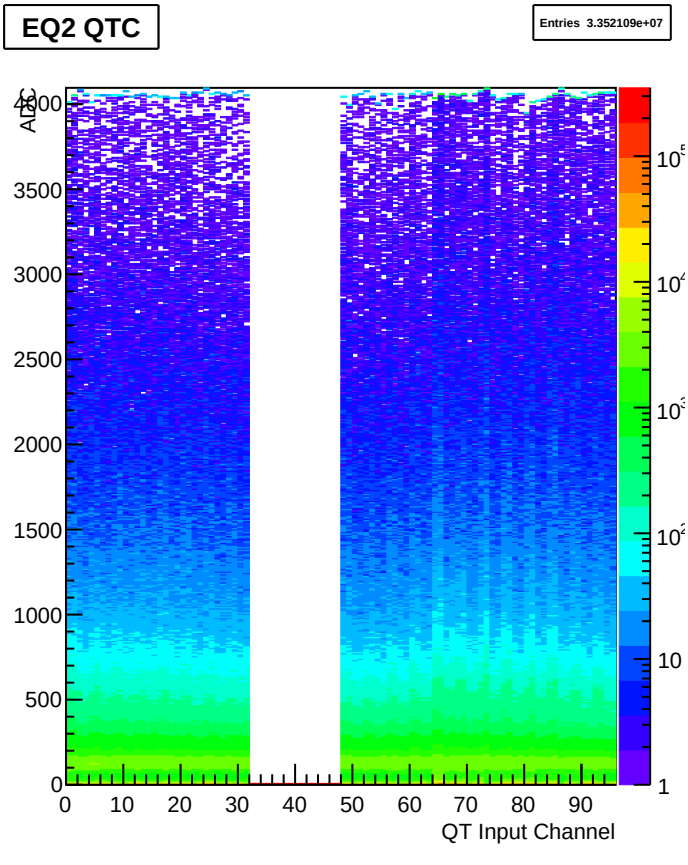

EQ1 QTB
Entries 3.317757e+07
TDC
QT Input Channel

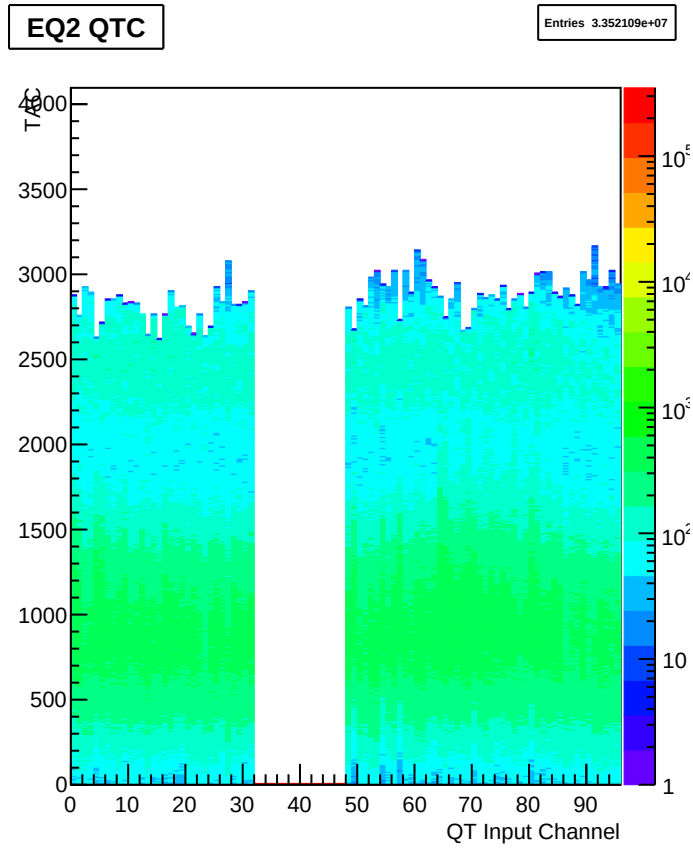

EQ1 QTC
Entries 3.352109e+07
ADC
QT Input Channel

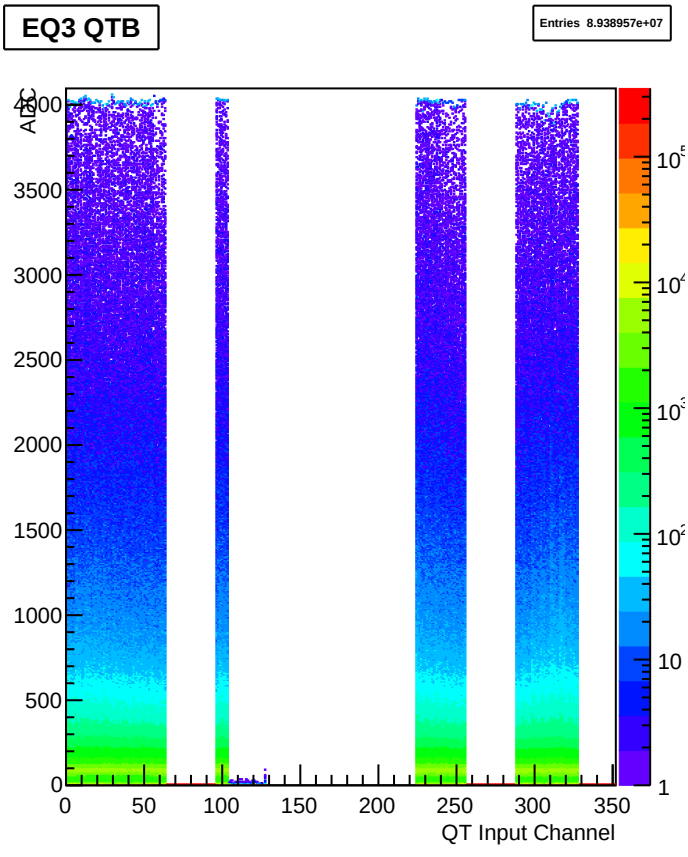

EQ1 QTC
Entries 3.352109e+07
TADC
QT Input Channel

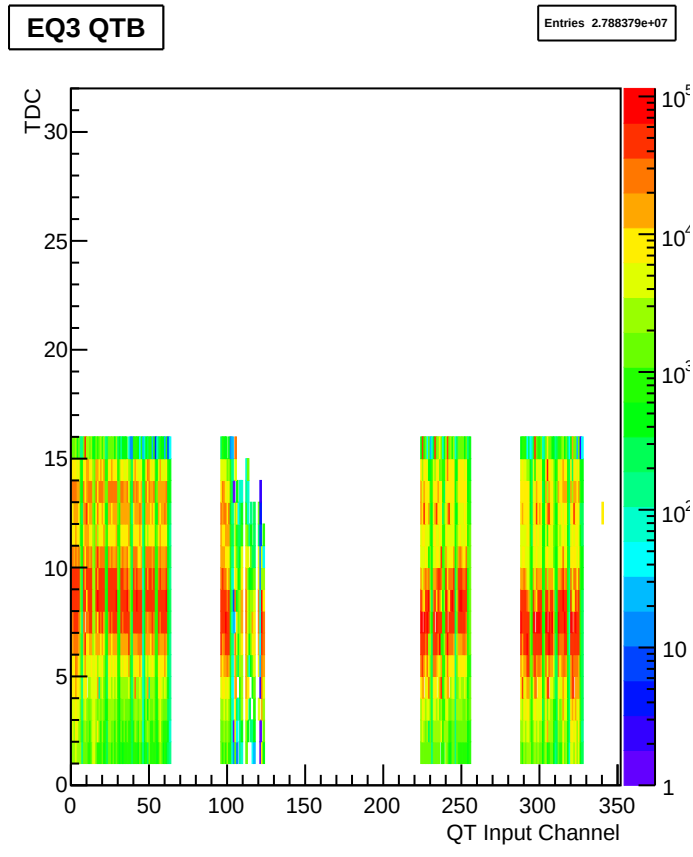

EQ2 QTB
Entries 1.005633e+08
ADC
QT Input Channel

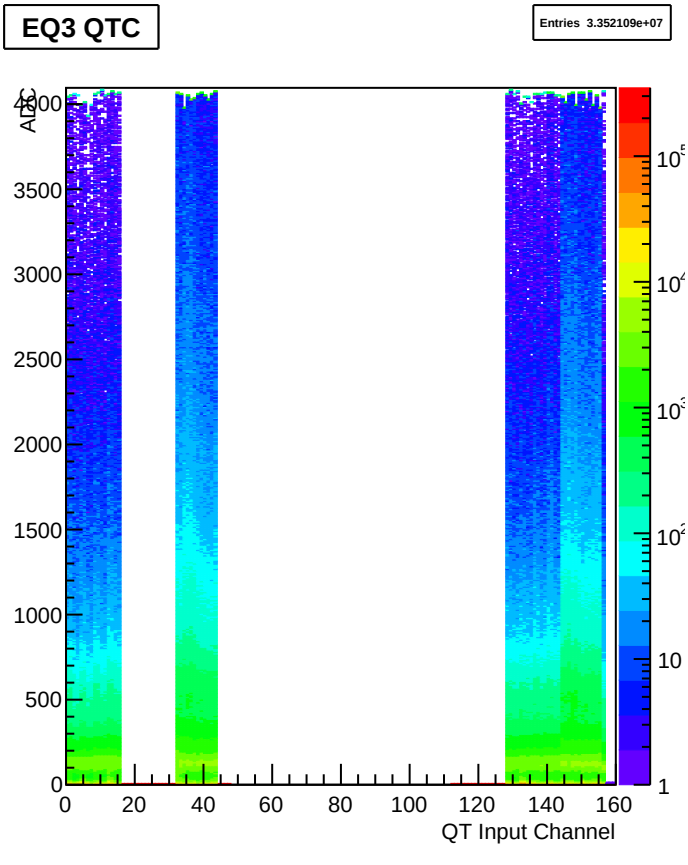

EQ2 QTB
Entries 3.452538e+07
TDC
QT Input Channel

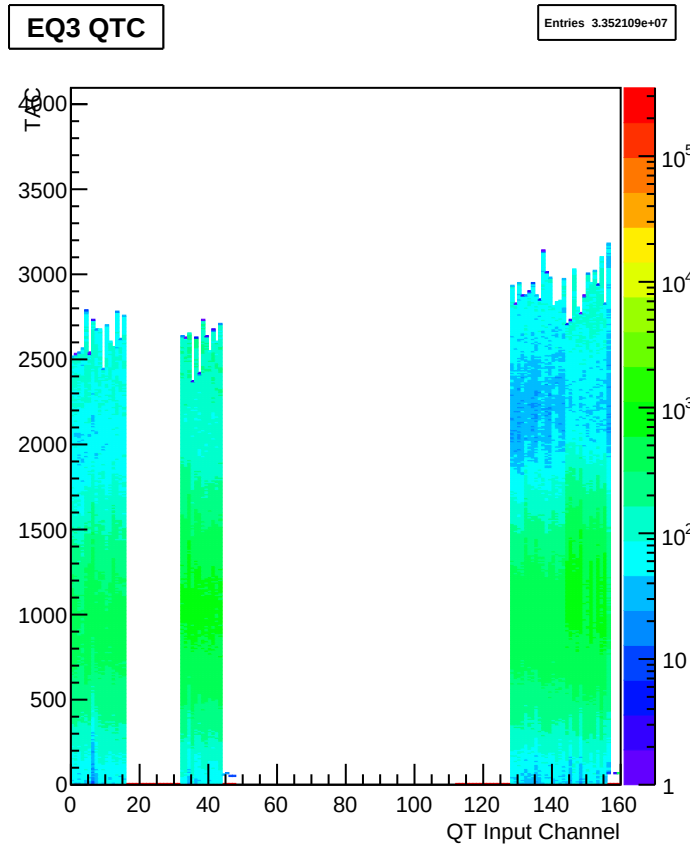

EQ2 QTC
Entries 3.352109e+07
ADC
QT Input Channel

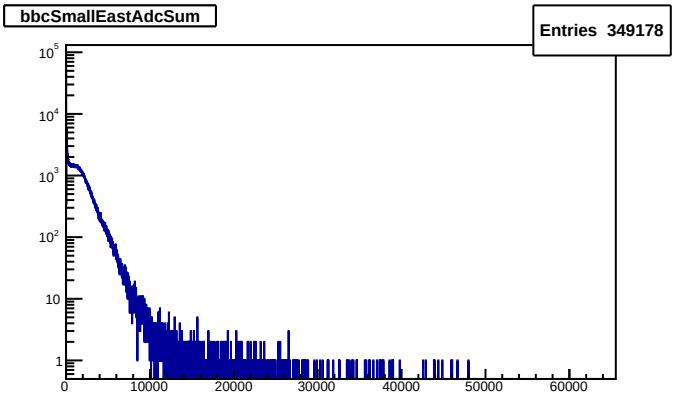

EQ2 QTC
Entries 3.352109e+07
TADC
QT Input Channel

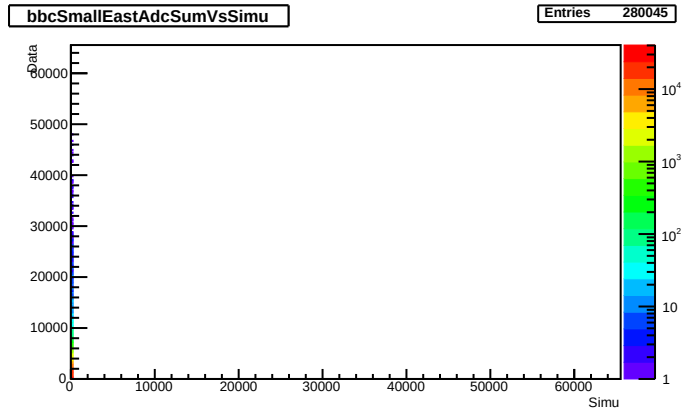

EQ3 QTB
Entries 8.938957e+07
ADC
QT Input Channel

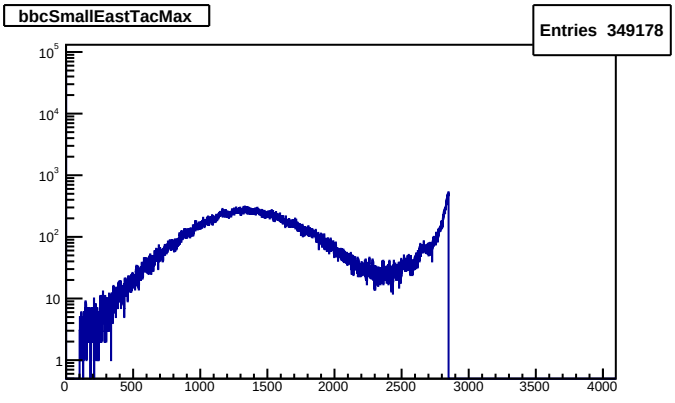

EQ3 QTB
Entries 2.788379e+07
TDC
QT Input Channel

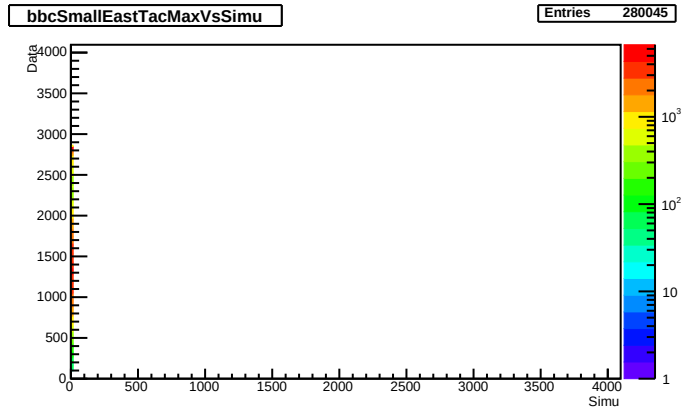

EQ3 QTC
Entries 3.352109e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.352109e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 349178


bbcSmallEastAdcSumVsSimu
Entries 280045
Data
Simu


bbcSmallEastTacMax
Entries 349178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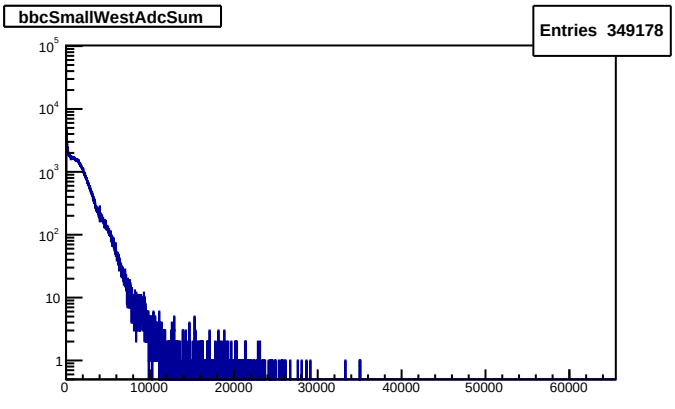
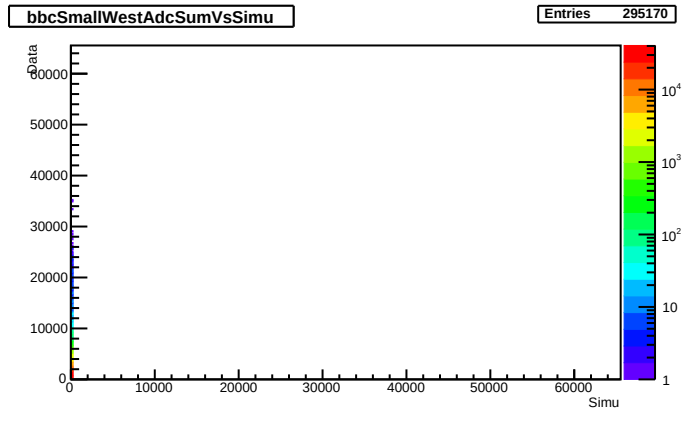
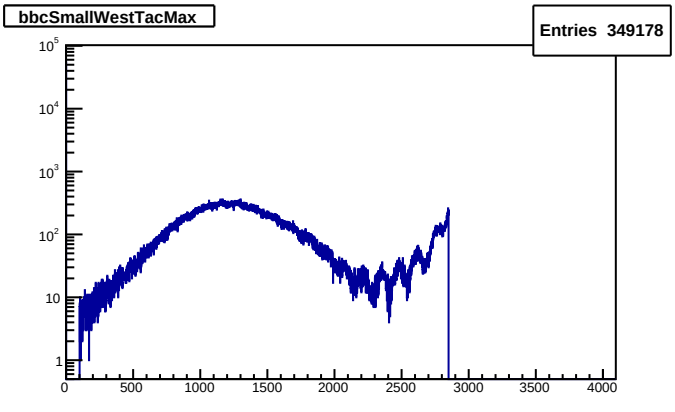
Entries 280045
Data
Simu


bbcSmallWestAdcSum
Entries 349178


bbcSmallWestAdcSumVsSimu
Entries 295170
Data
Simu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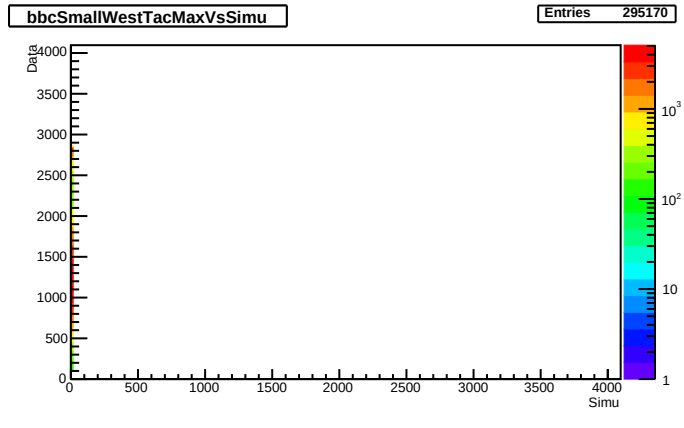
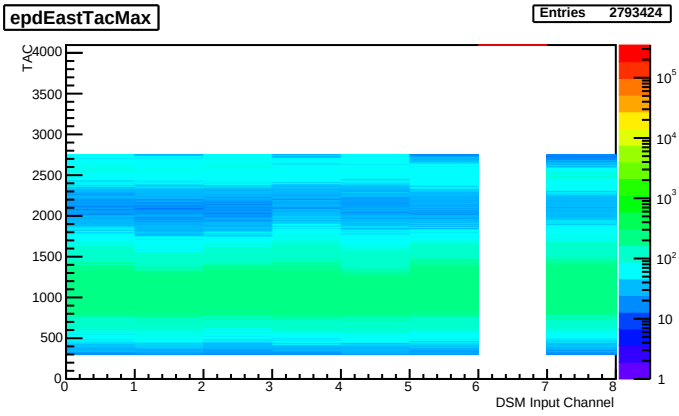
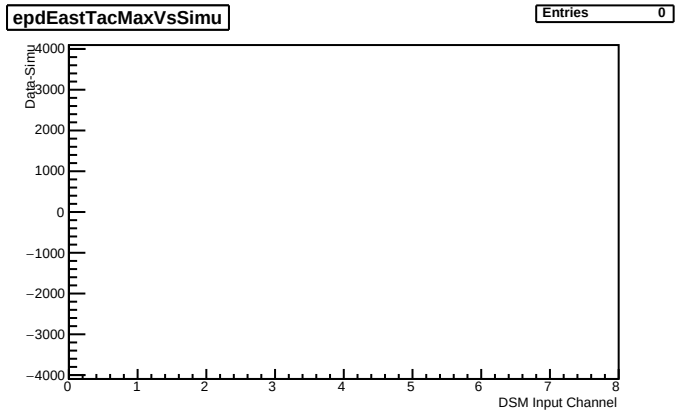
Entries 349178


bbcSmallWestTacMaxVsSimu
Entries 295170
Data
Simu


epdEastTacMax
Entries 2793424
TAC
DSM Input Channel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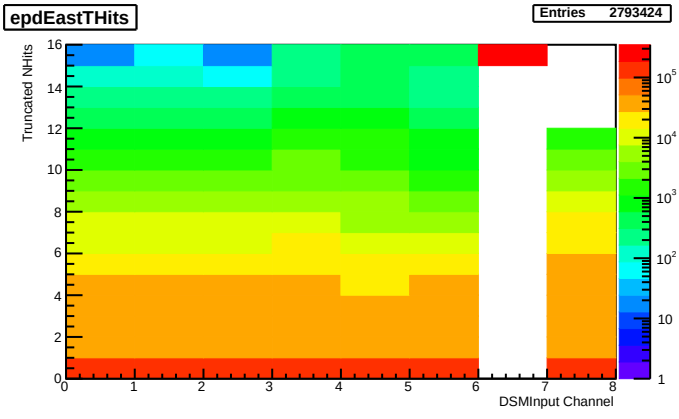
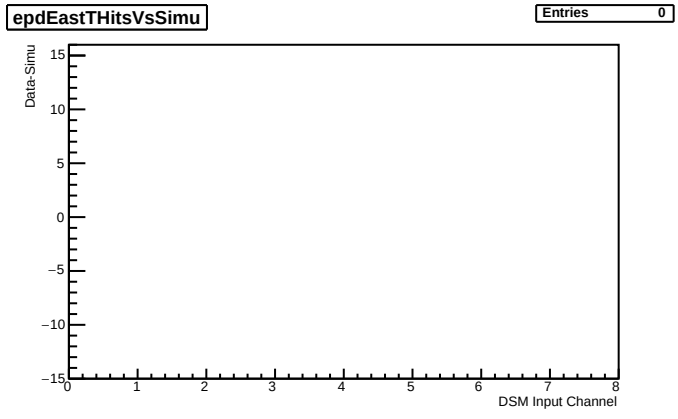
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2793424
Truncated NHits
DSMInput Channel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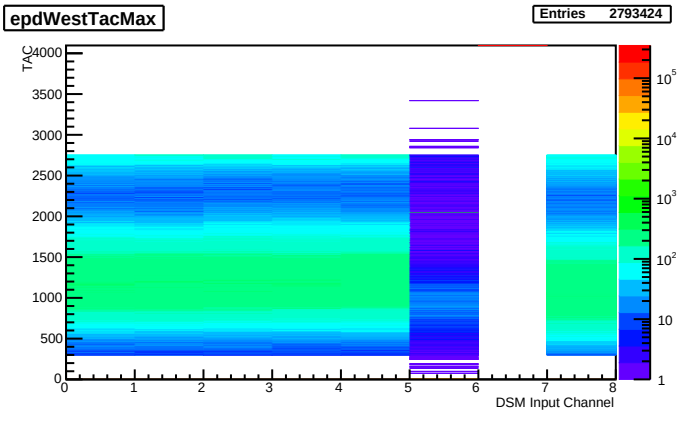
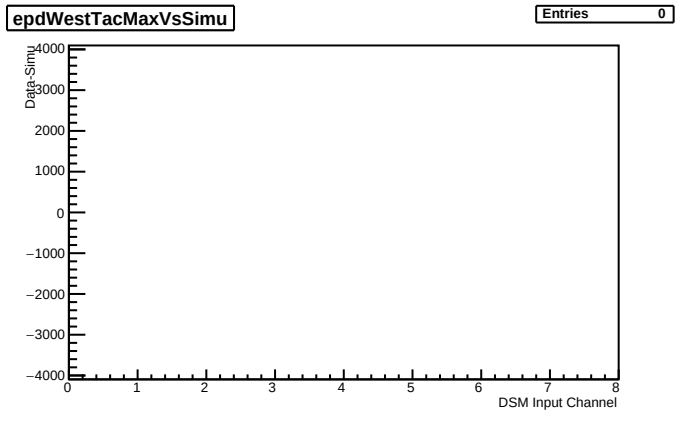
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2793424
TAC
DSM Input Channel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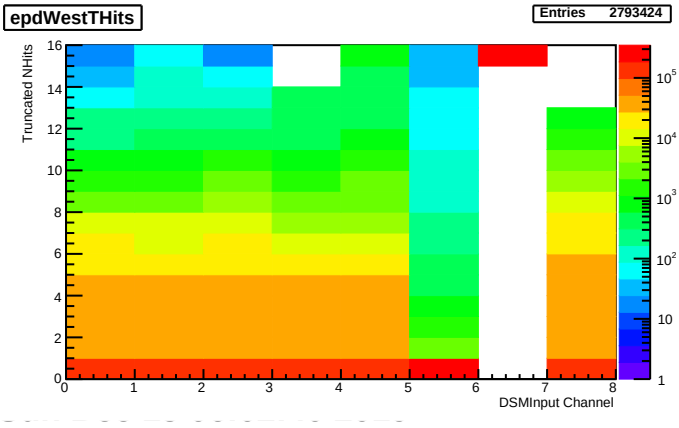
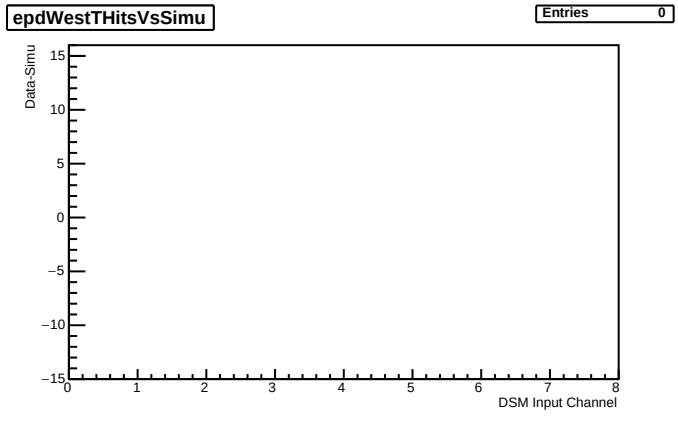
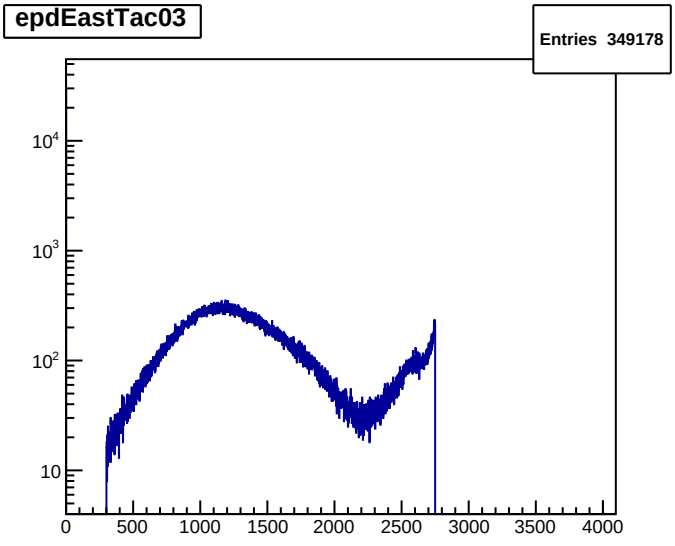
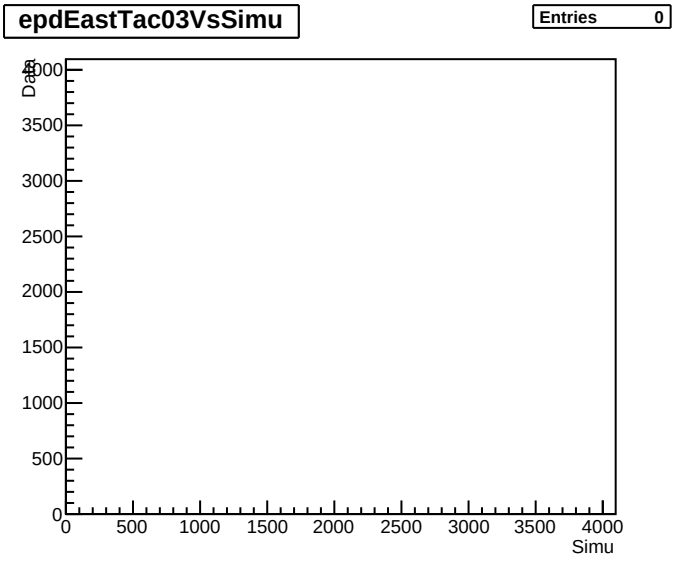
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2793424
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 349178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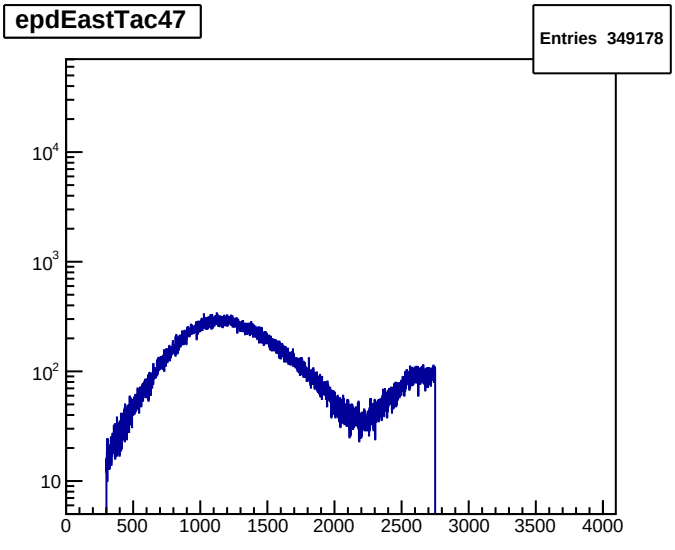
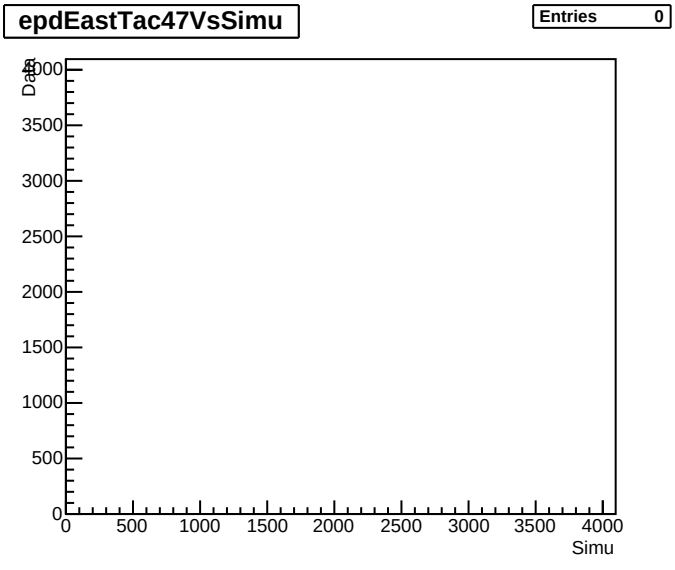
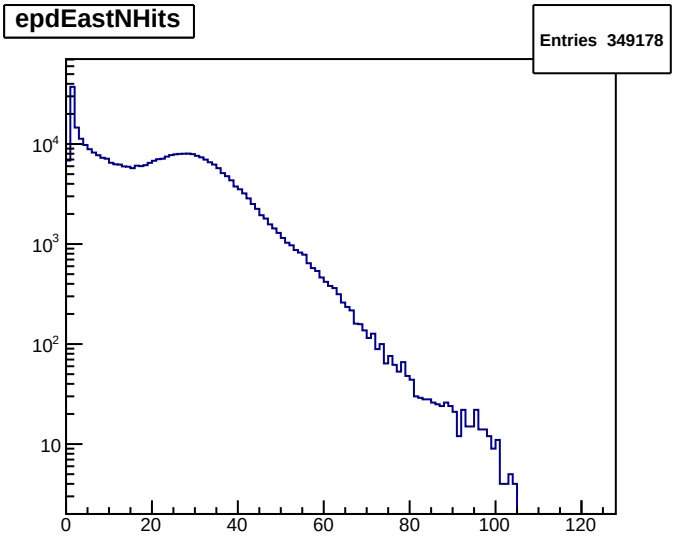
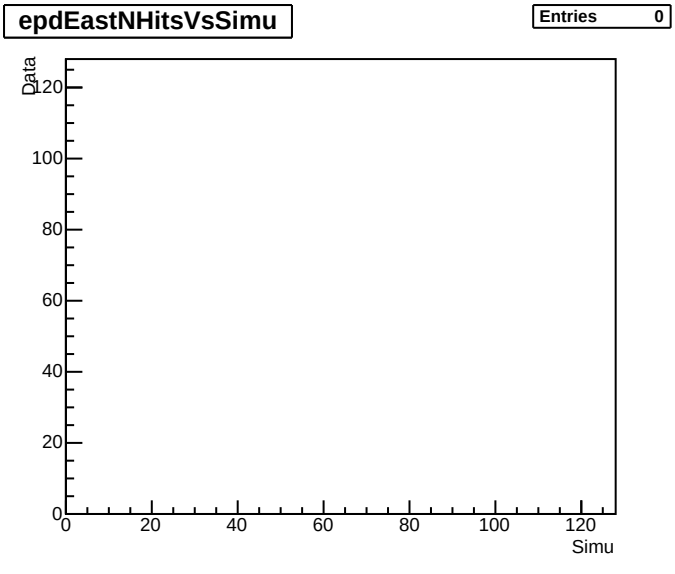
Entries 0
Data
Simu


epdEastTac47
Entries 349178


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 349178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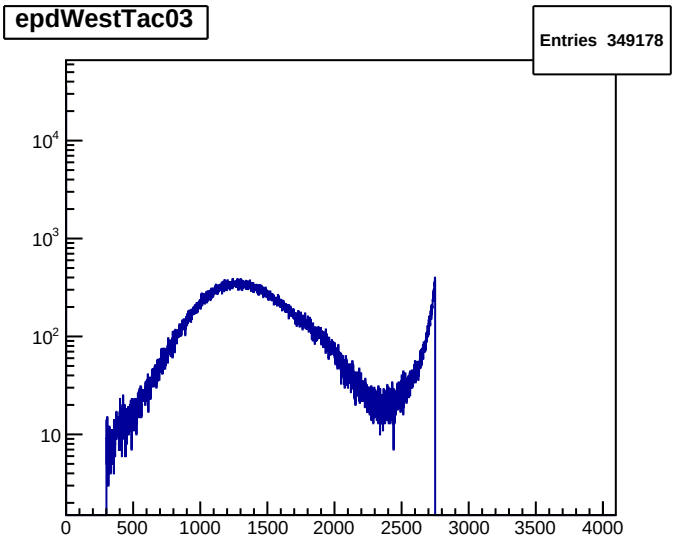
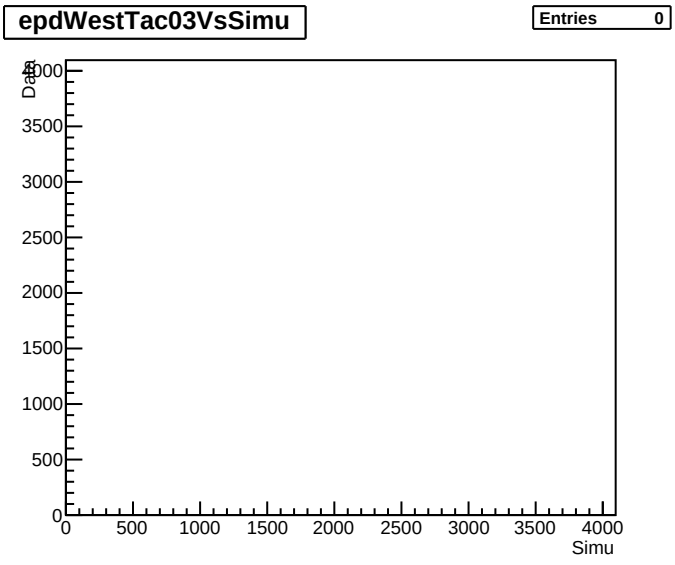
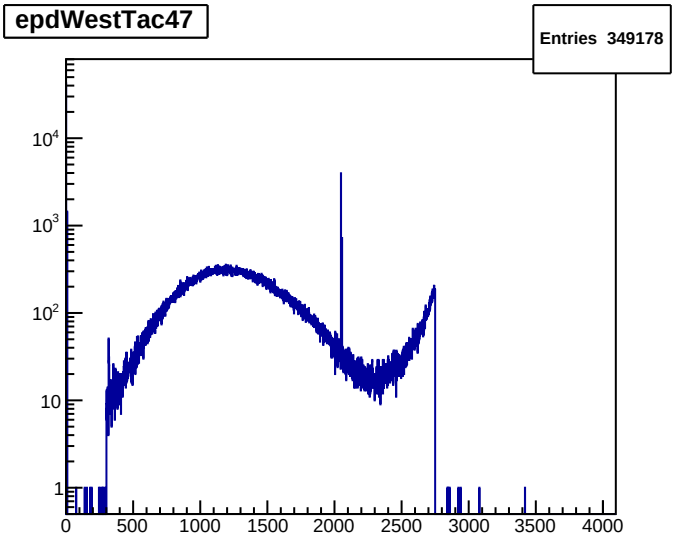
Entries 0
Data
Simu


epdWestTac03
Entries 349178


epdWestTac03VsSimu
Entries 0
Data
Simu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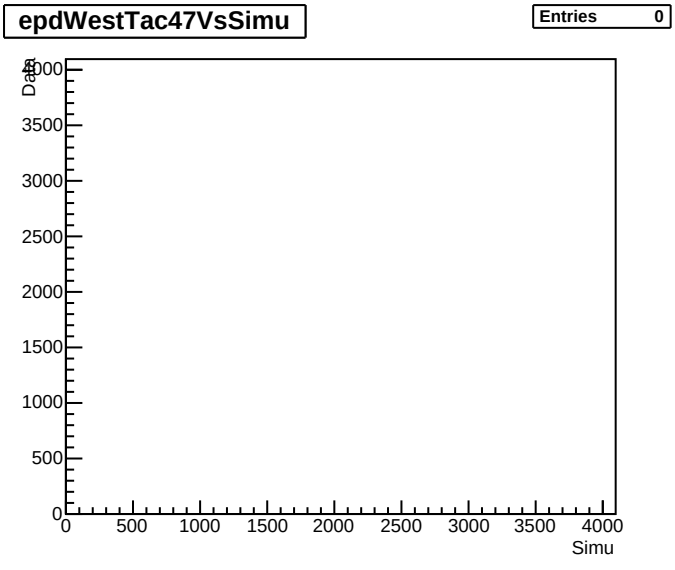
Entries 349178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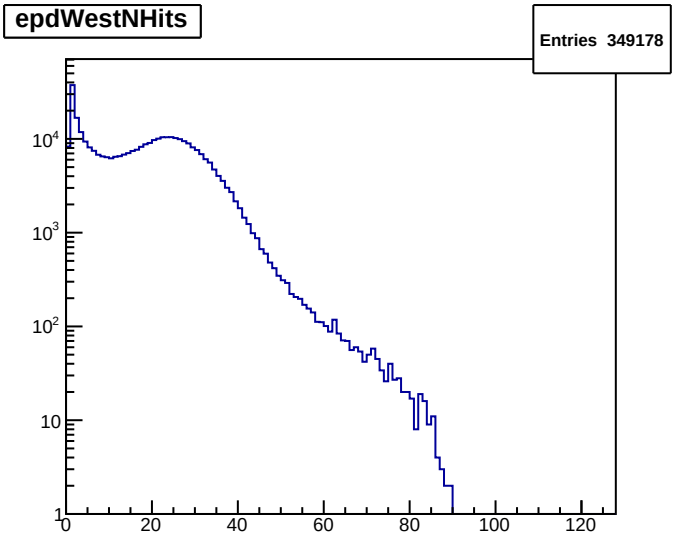
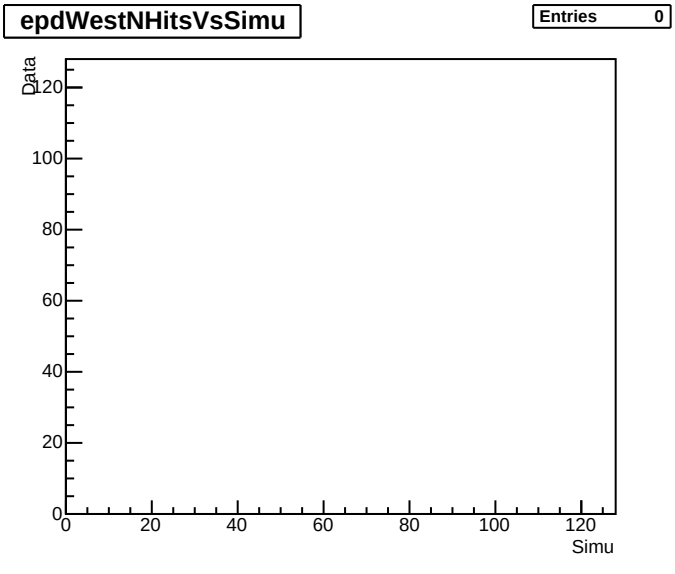
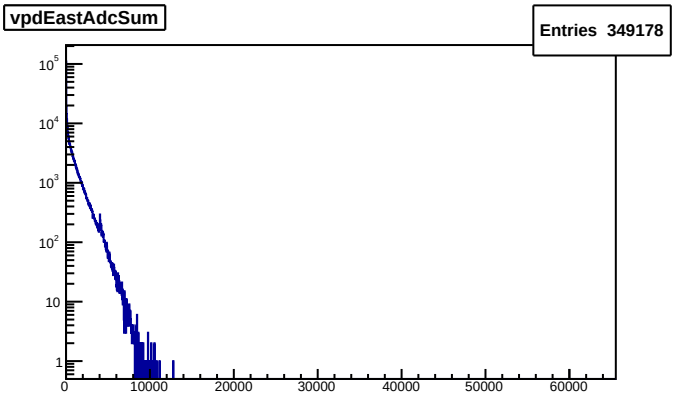
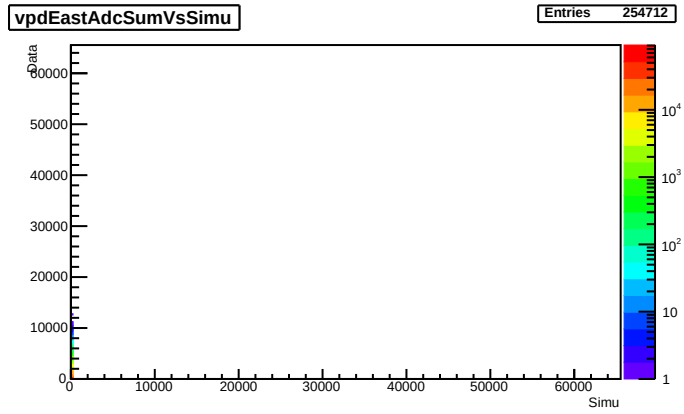
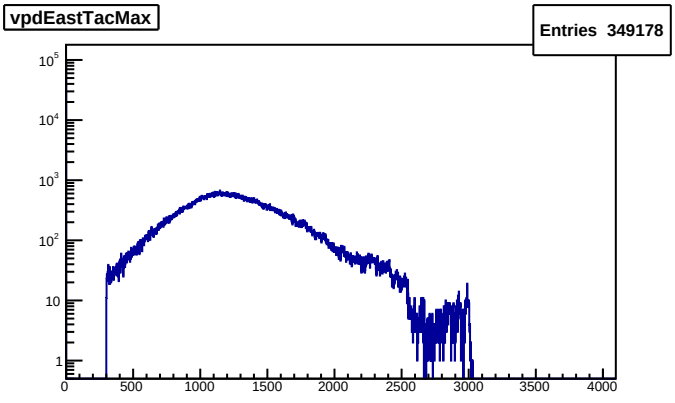
Entries 0
Data
Simu

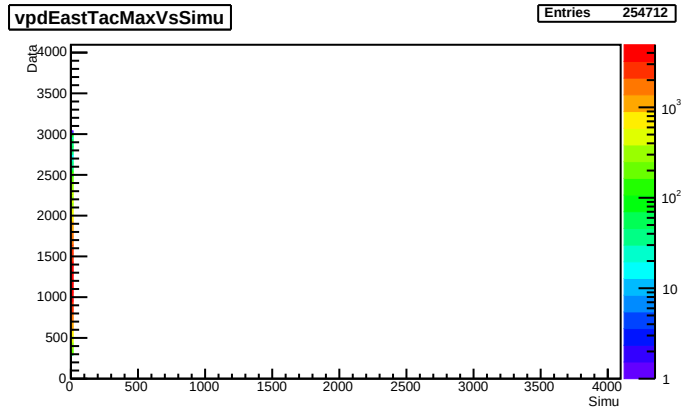

epdWestNHits
Entries 349178

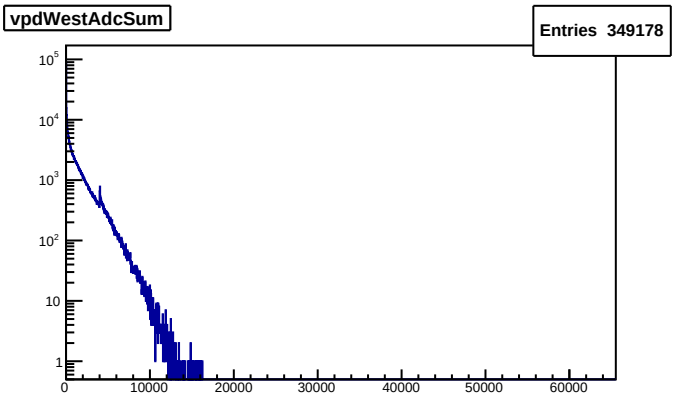

epdWestNHitsVsSimu
Entries 0
Data
Simu

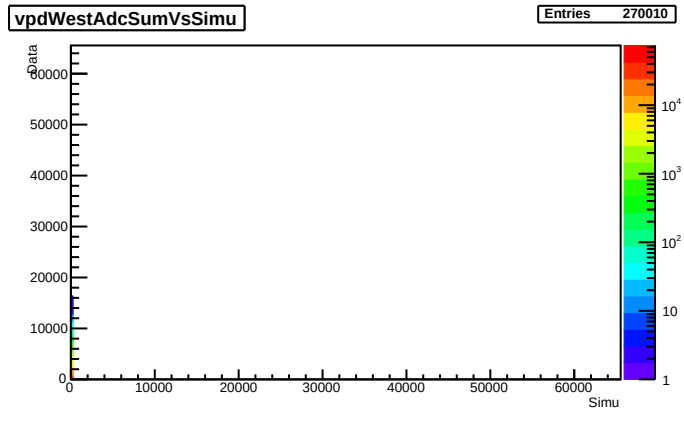

vpdEastAdcSum
Entries 349178

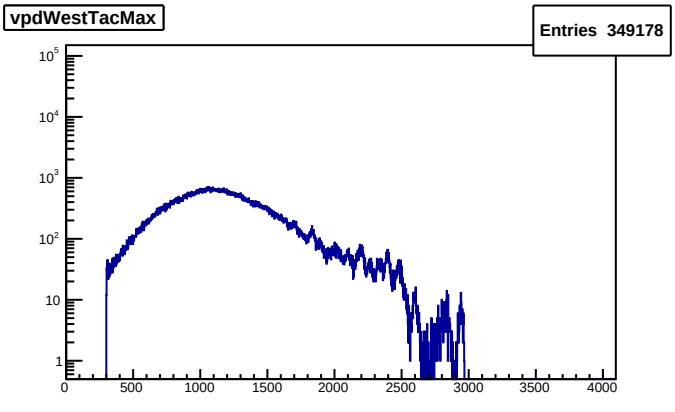

vpdEastAdcSumVsSimu
Entries 254712
Data
Simu

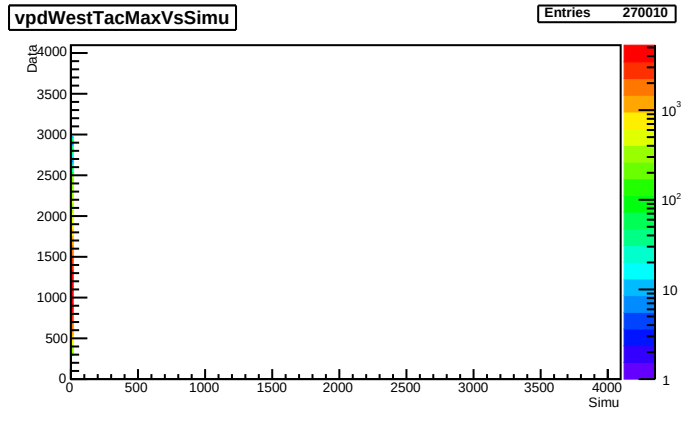

vpdEastTacMax
Entries 349178

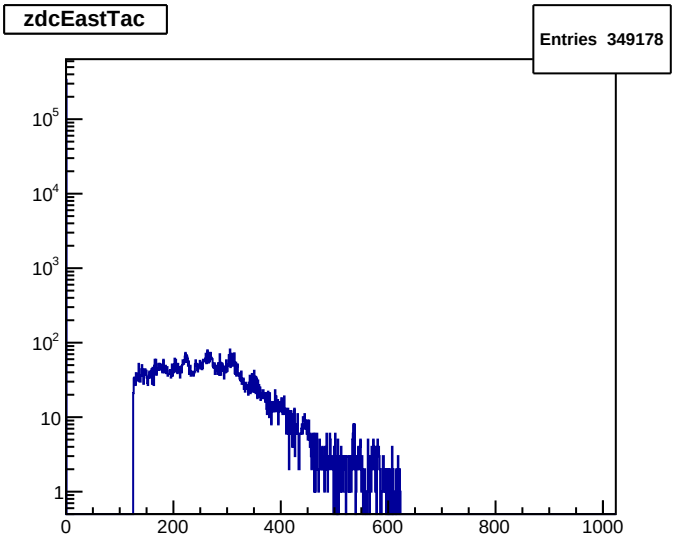

vpdEastTacMaxVsSimu
Entries 254712
Data
Simu

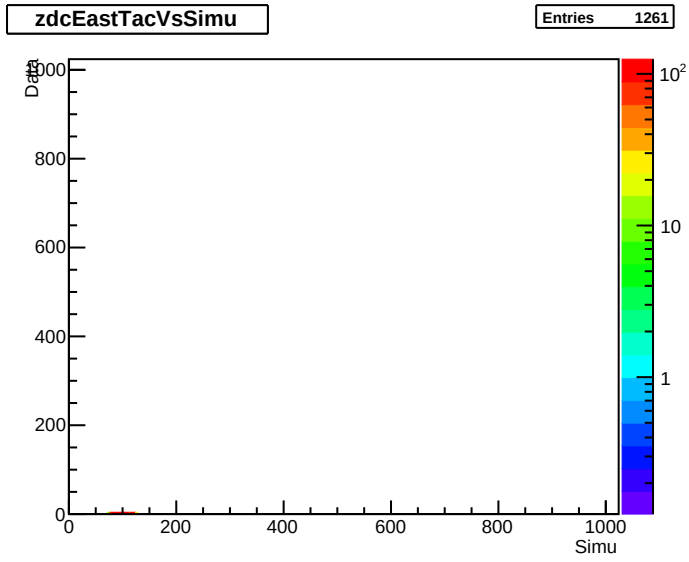

vpdWestAdcSum
Entries 349178

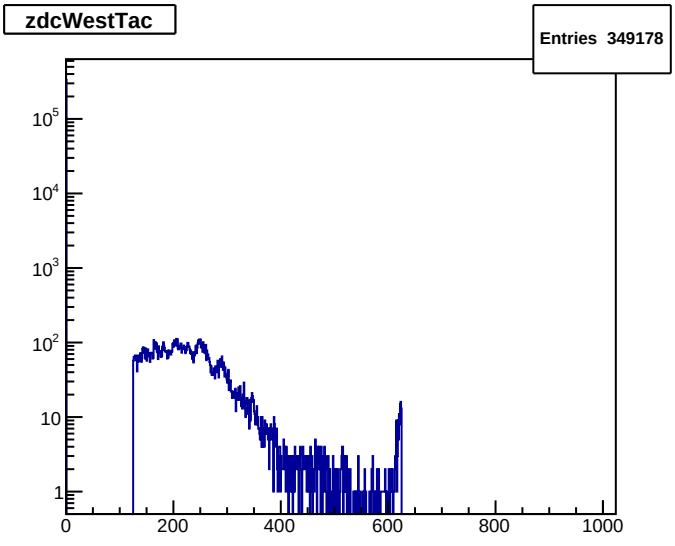

vpdWestAdcSumVsSimu
Entries 270010
Data
Simu

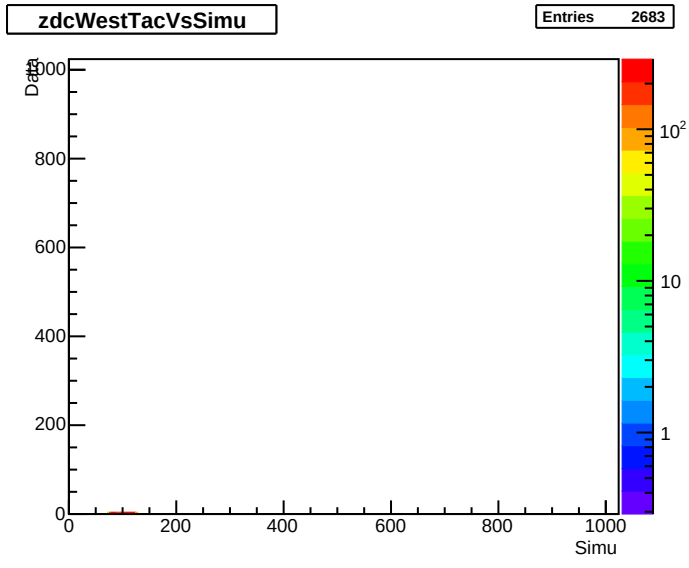

vpdWestTacMax
Entries 349178

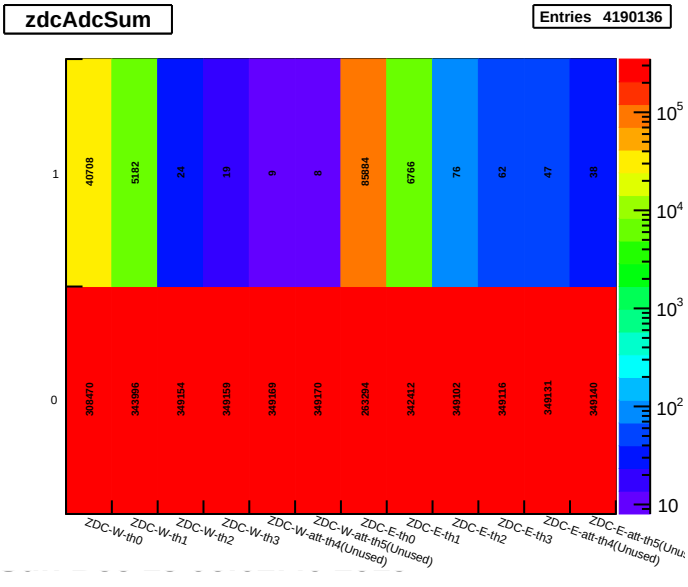

vpdWestTacMaxVsSimu
Entries 270010
Data
Simu

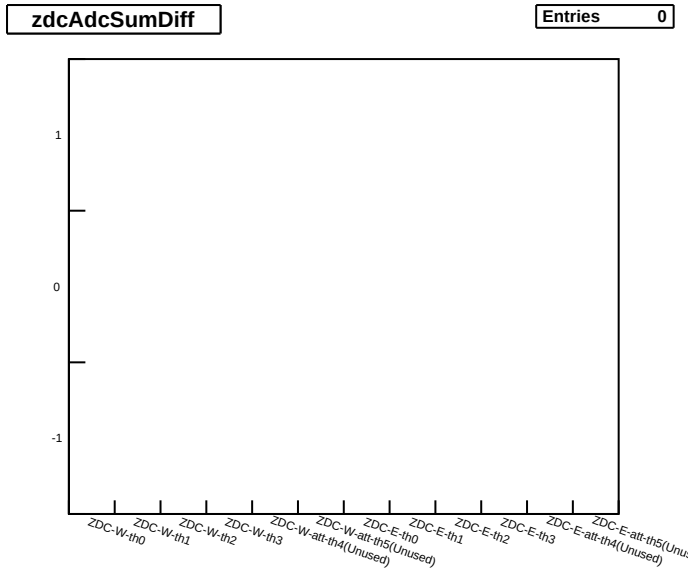

zdcEastTac
Entries 349178

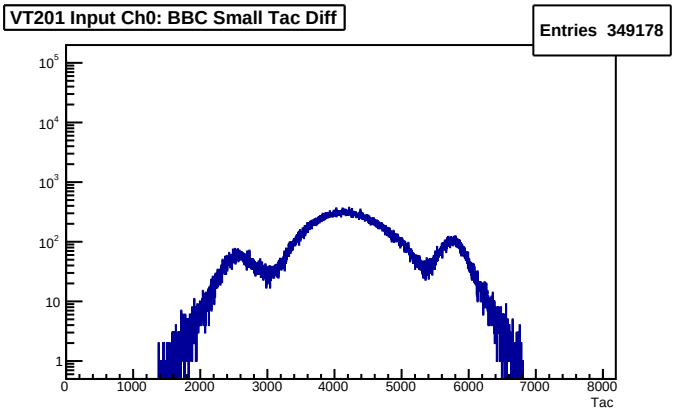

zdcEastTacVsSimu
Entries 1261
Data
Simu

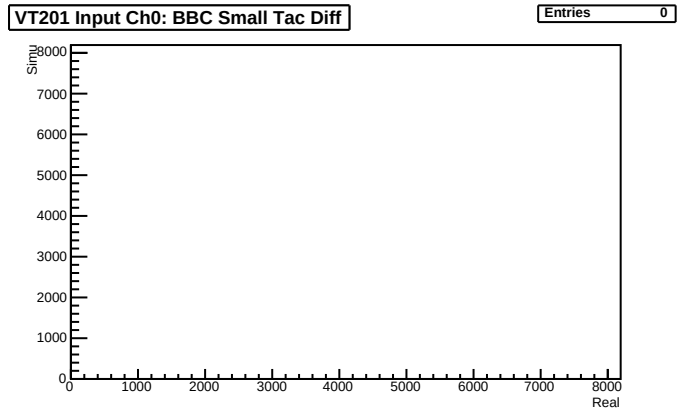

zdcWestTac
Entries 349178

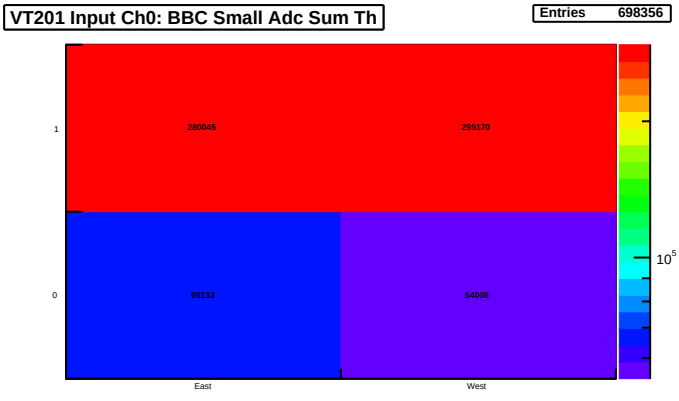

zdcWestTacVsSimu
Entries 2683
Data
Simu

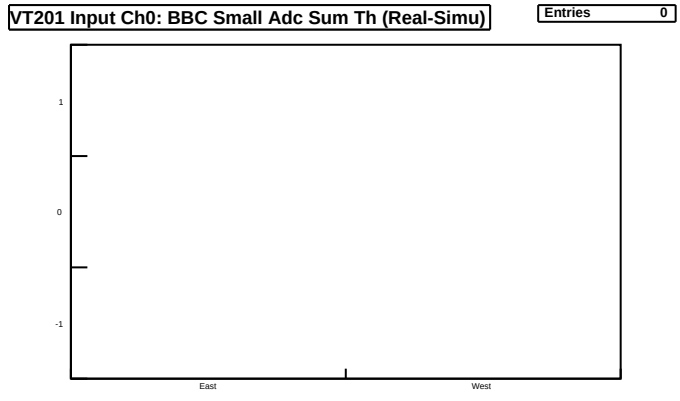

zdcAdcSum
Entries 4190136
40708
5182
24
19
9
8
85884
6766
76
62
47
38
308470
343986
349154
349159
349169
349170
263294
342412
349102
349116
349131
349140
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

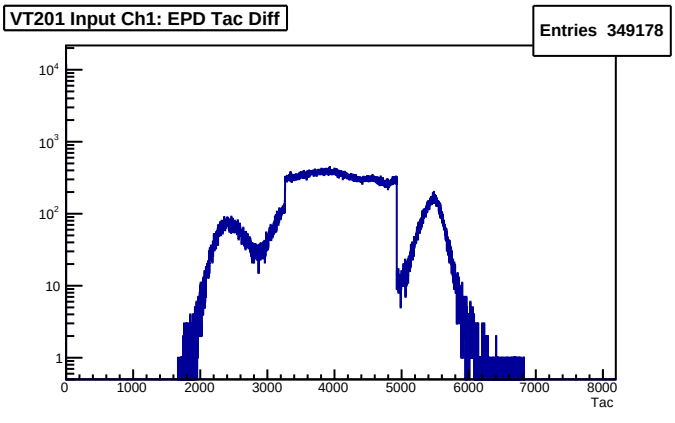

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

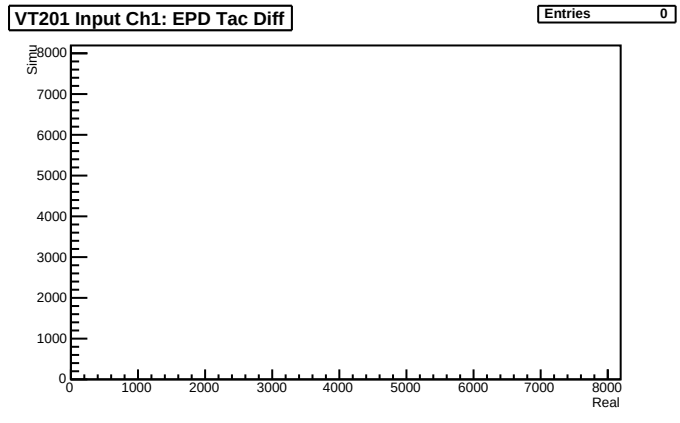

VT201 Input Ch0: BBC Small Tac Diff
Entries 349178
Tac

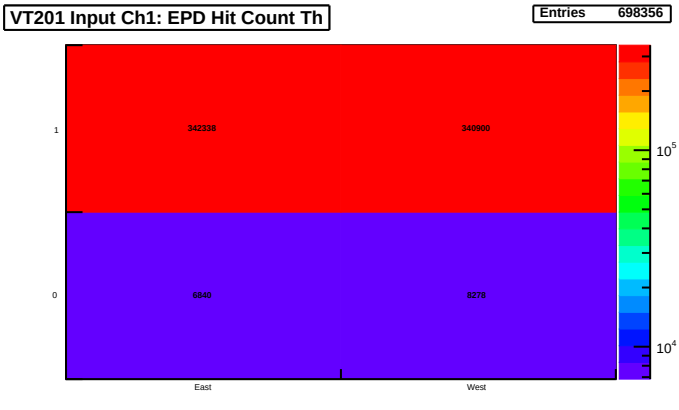

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

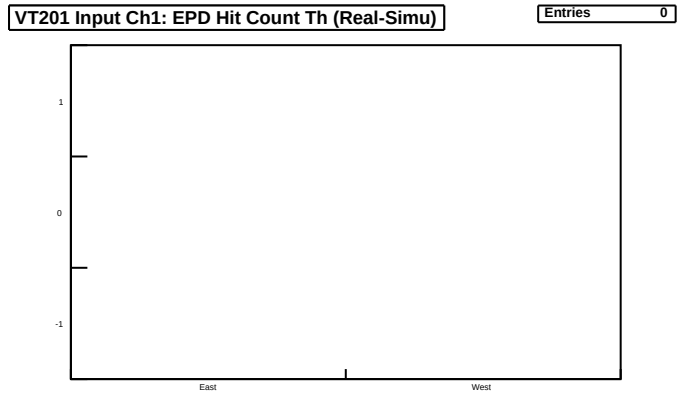

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 698356
280045
295170
69133
54008
East
West

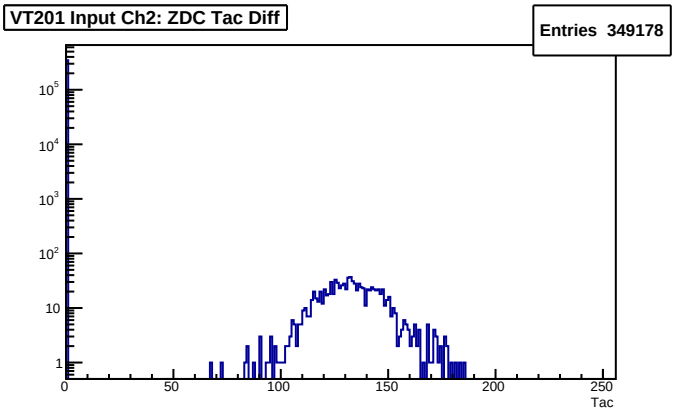

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

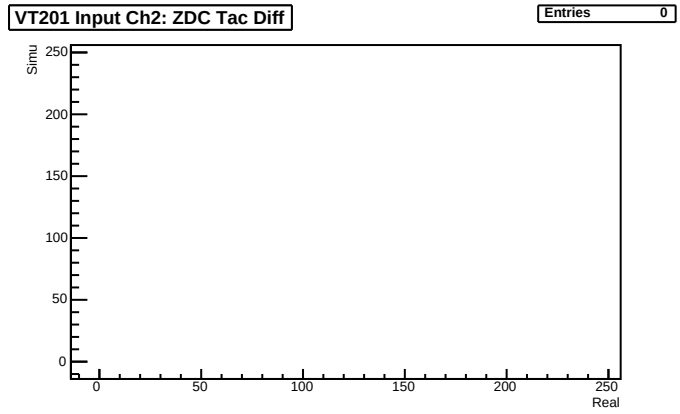

VT201 Input Ch1: EPD Tac Diff
Entries 349178
Tac

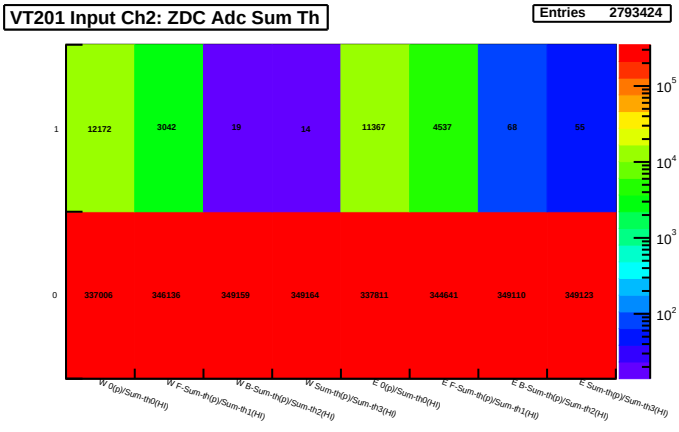

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

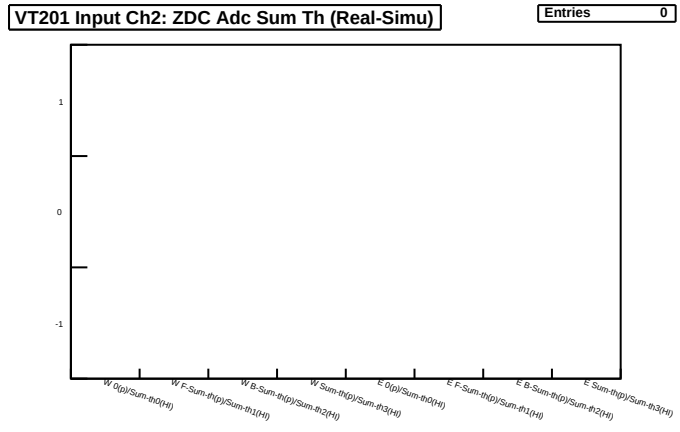

VT201 Input Ch1: EPD Hit Count Th
Entries 698356
342338
340900
6840
8278
East
West

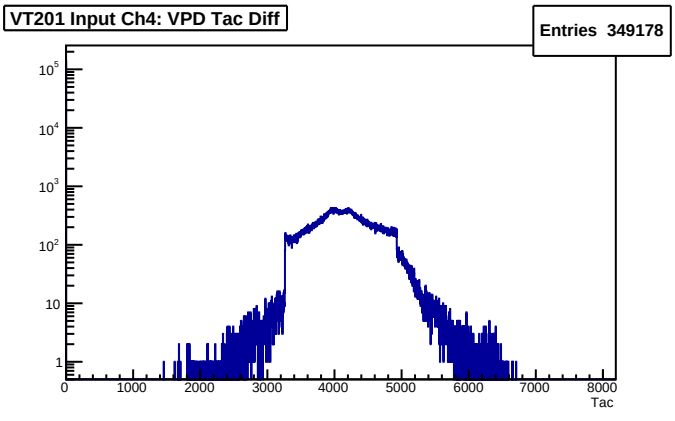

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

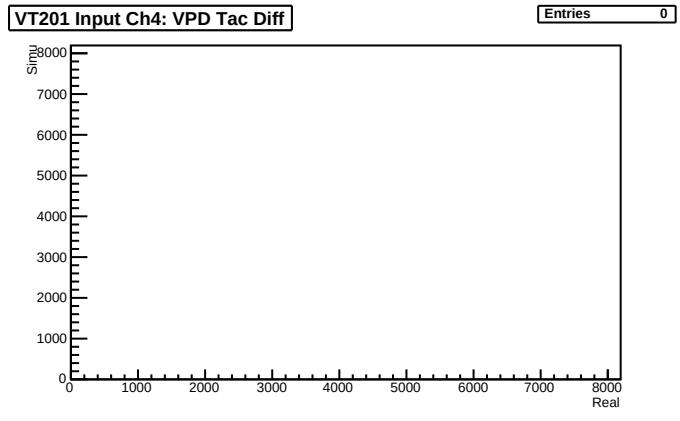

VT201 Input Ch2: ZDC Tac Diff
Entries 349178
Tac

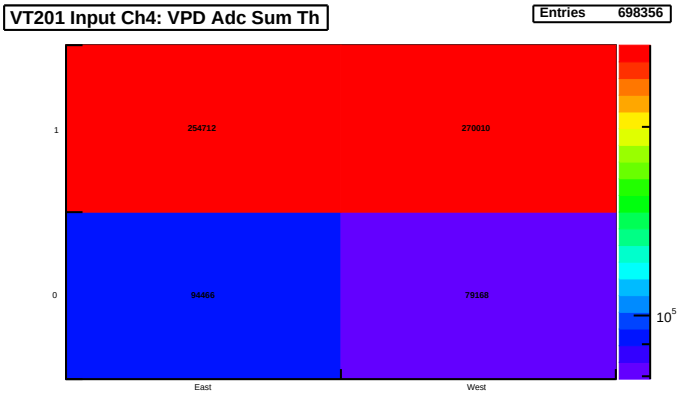

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

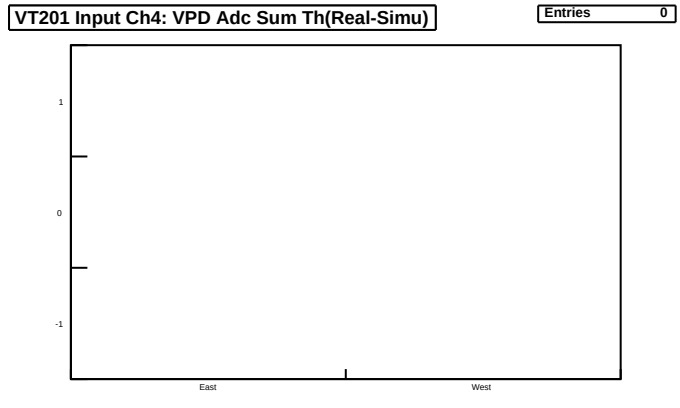

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2793424
12172
3042
19
14
11367
4537
68
55
337006
346136
349159
349164
337811
344641
349110
349123
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

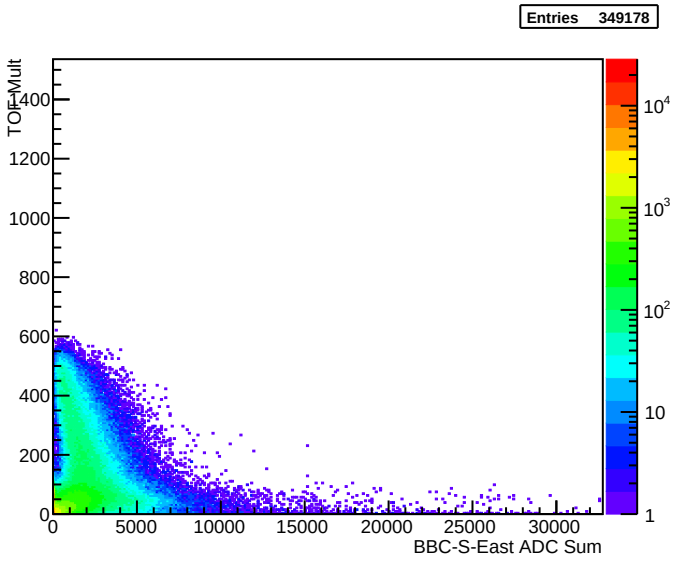

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

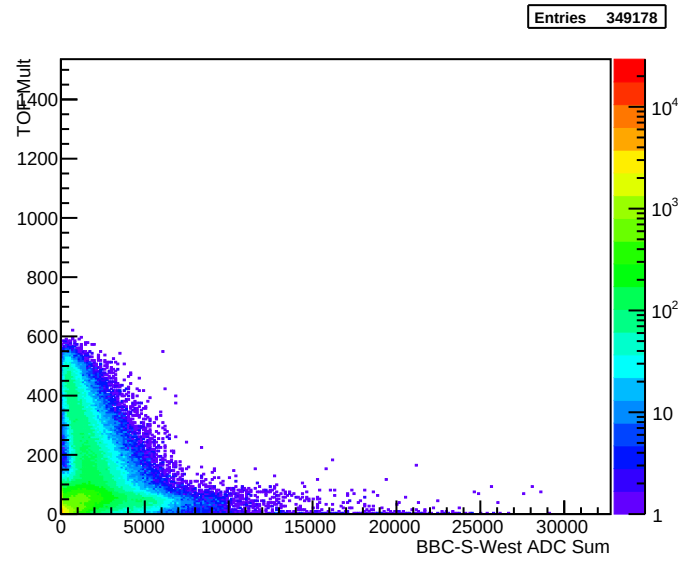

VT201 Input Ch4: VPD Tac Diff
Entries 349178
Tac

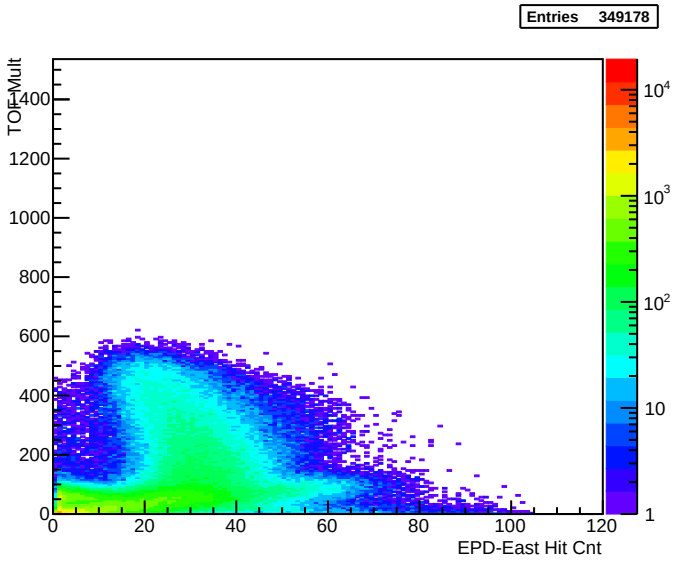

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

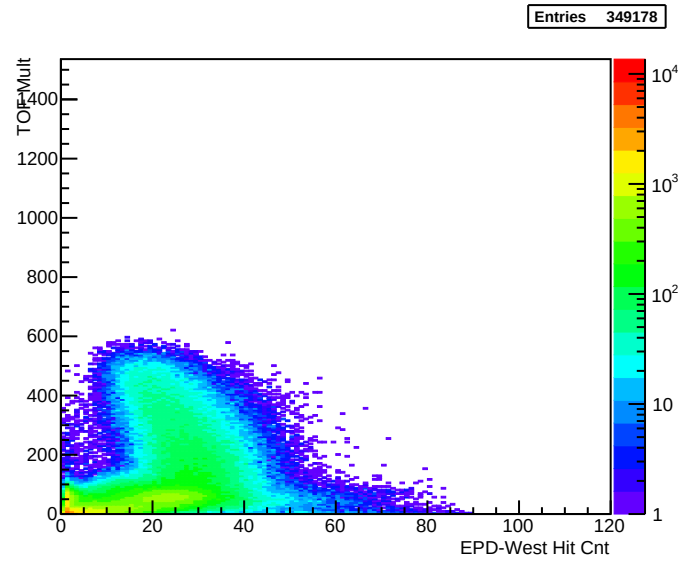

VT201 Input Ch4: VPD Adc Sum Th
Entries 698356
254712
270010
94456
79168
East
West

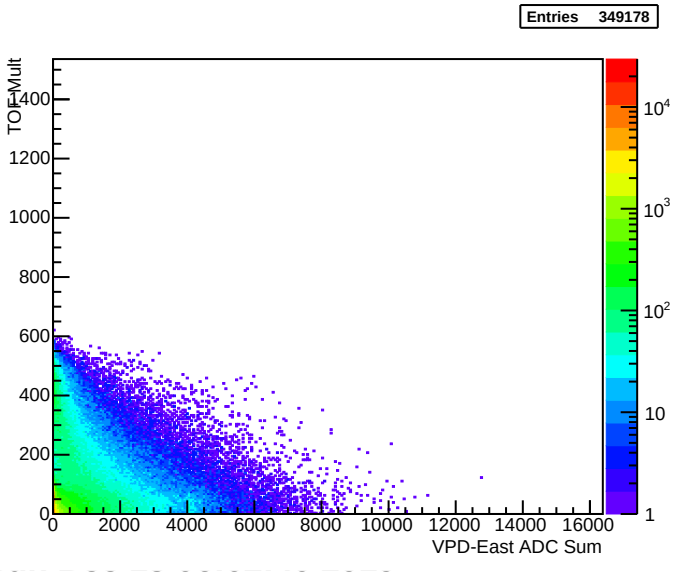

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

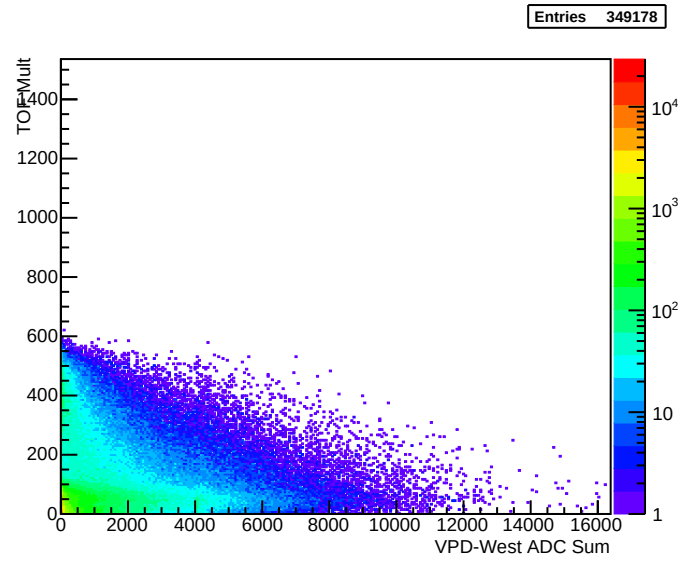

Entries 349178
TOF-Mult
BBC-S-East ADC Sum

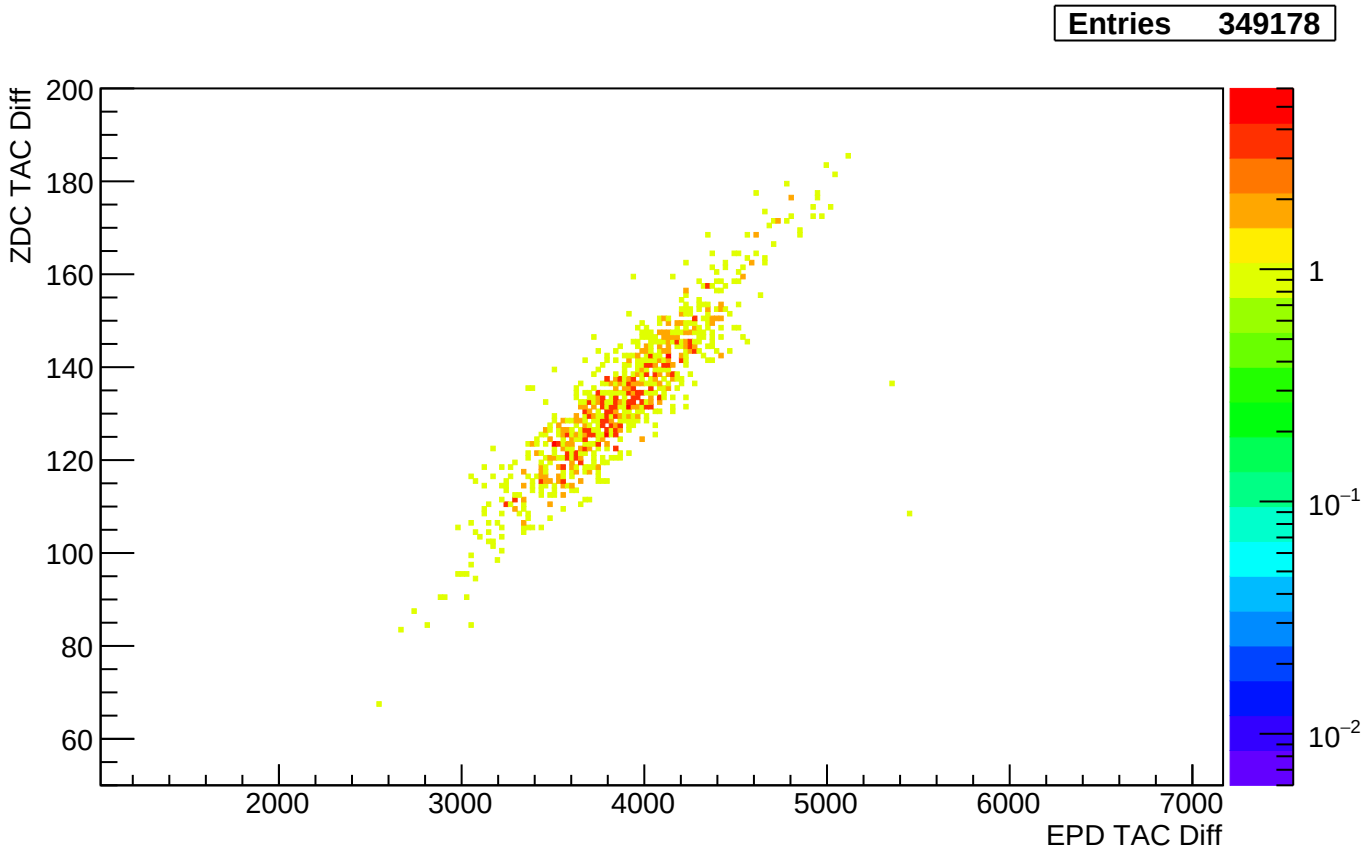

Entries 349178
TOF-Mult
BBC-S-West ADC Sum

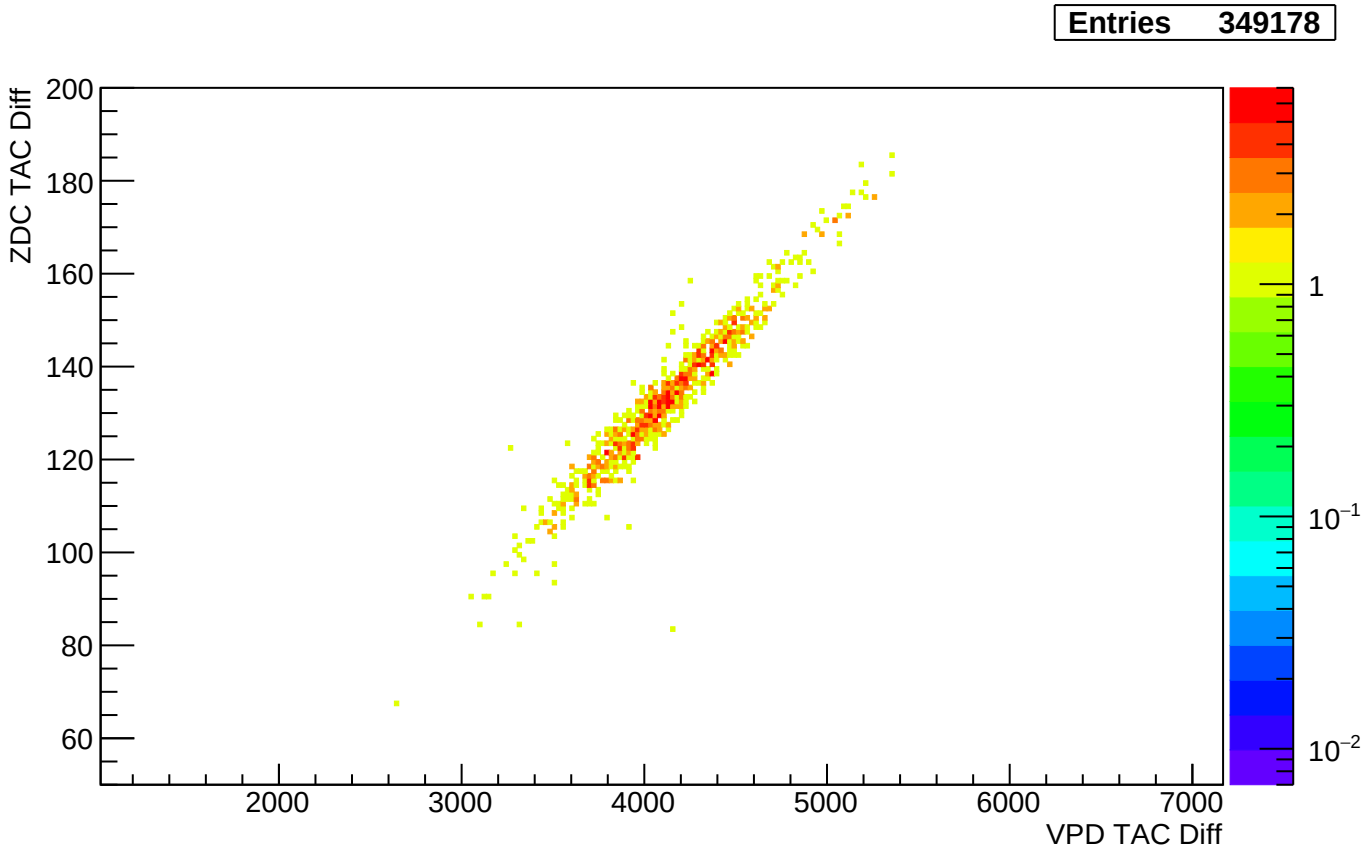

Entries 349178
TOF-Mult
EPD-East Hit Cnt

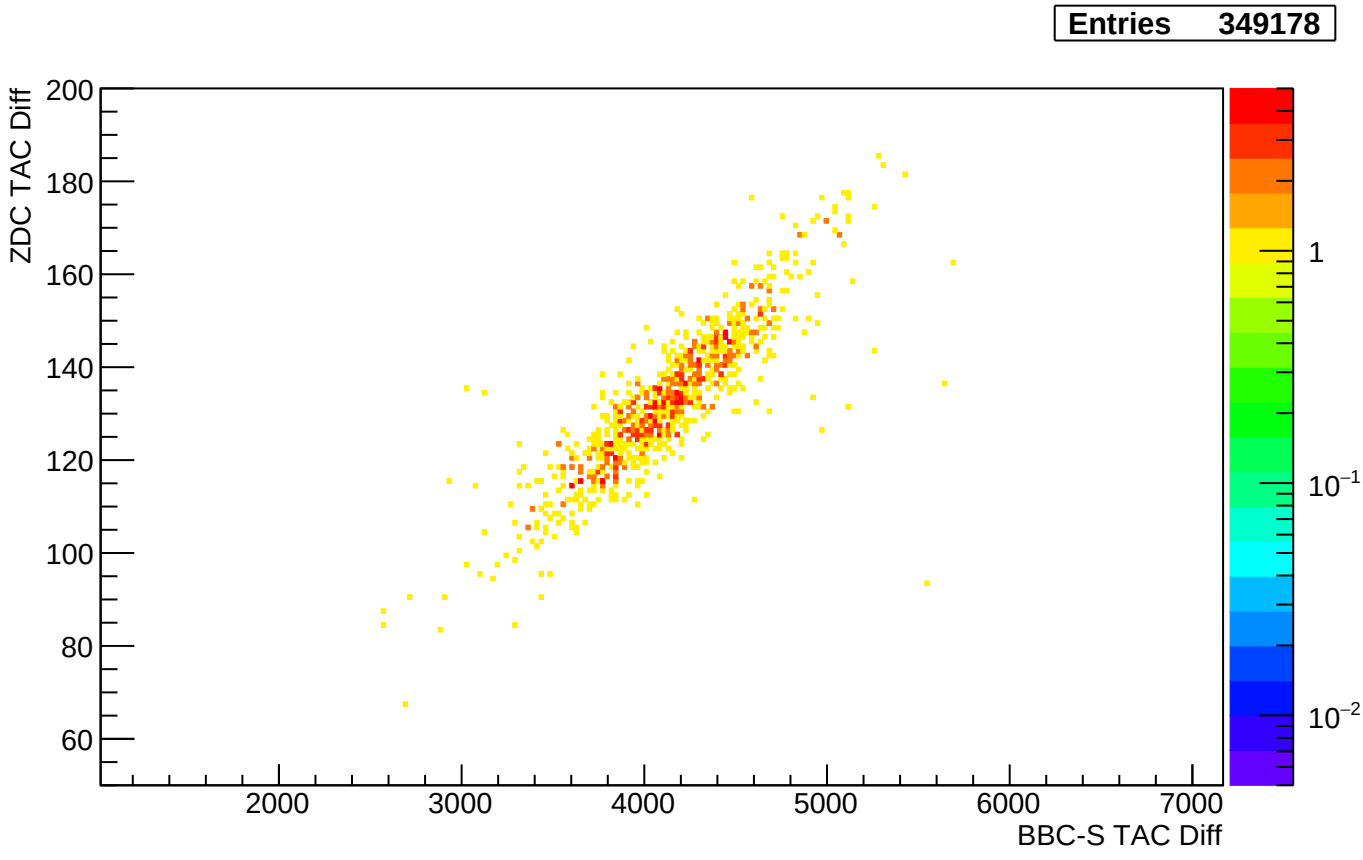

Entries 349178
TOF-Mult
EPD-West Hit Cnt

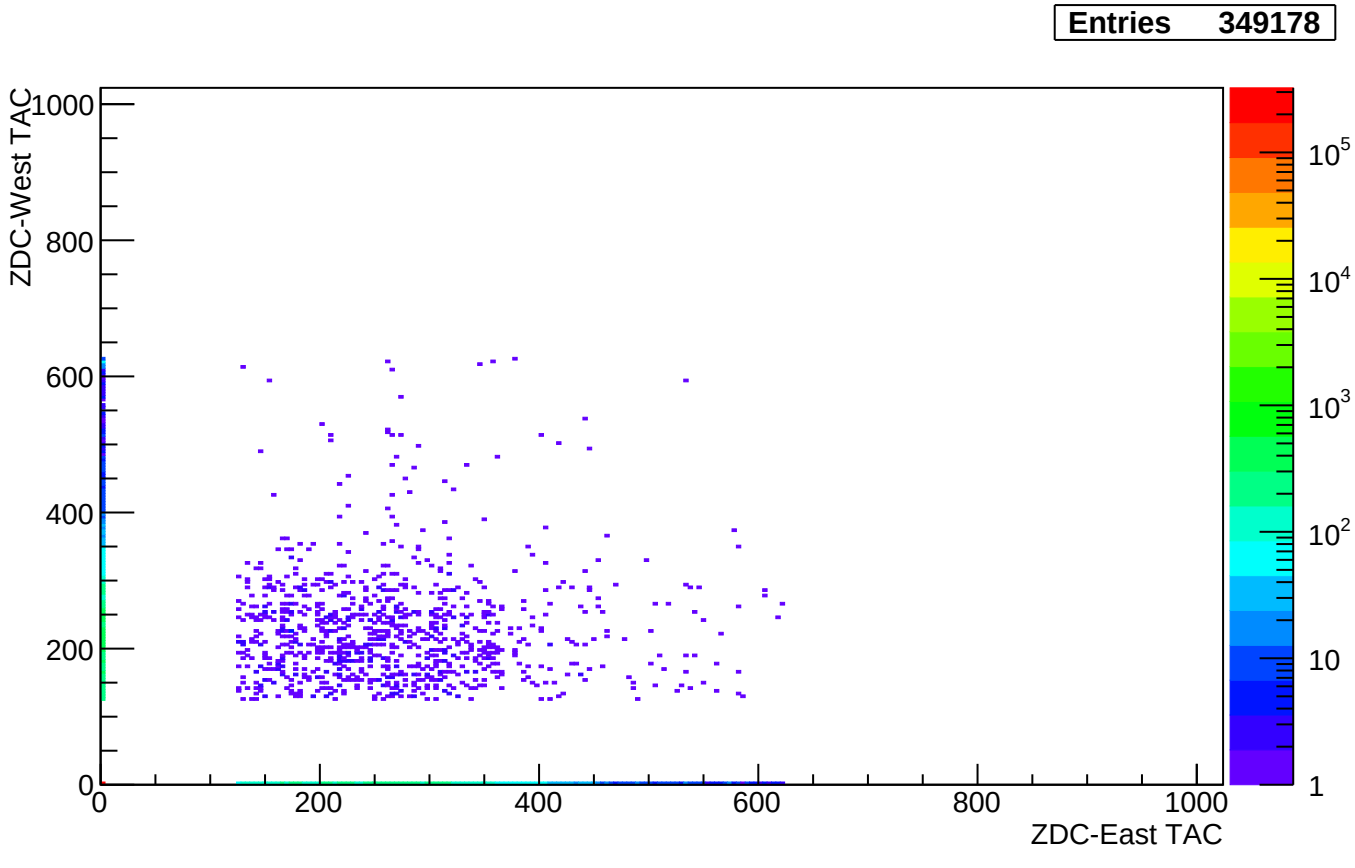

Entries 349178
TOF-Mult
VPD-East ADC Sum

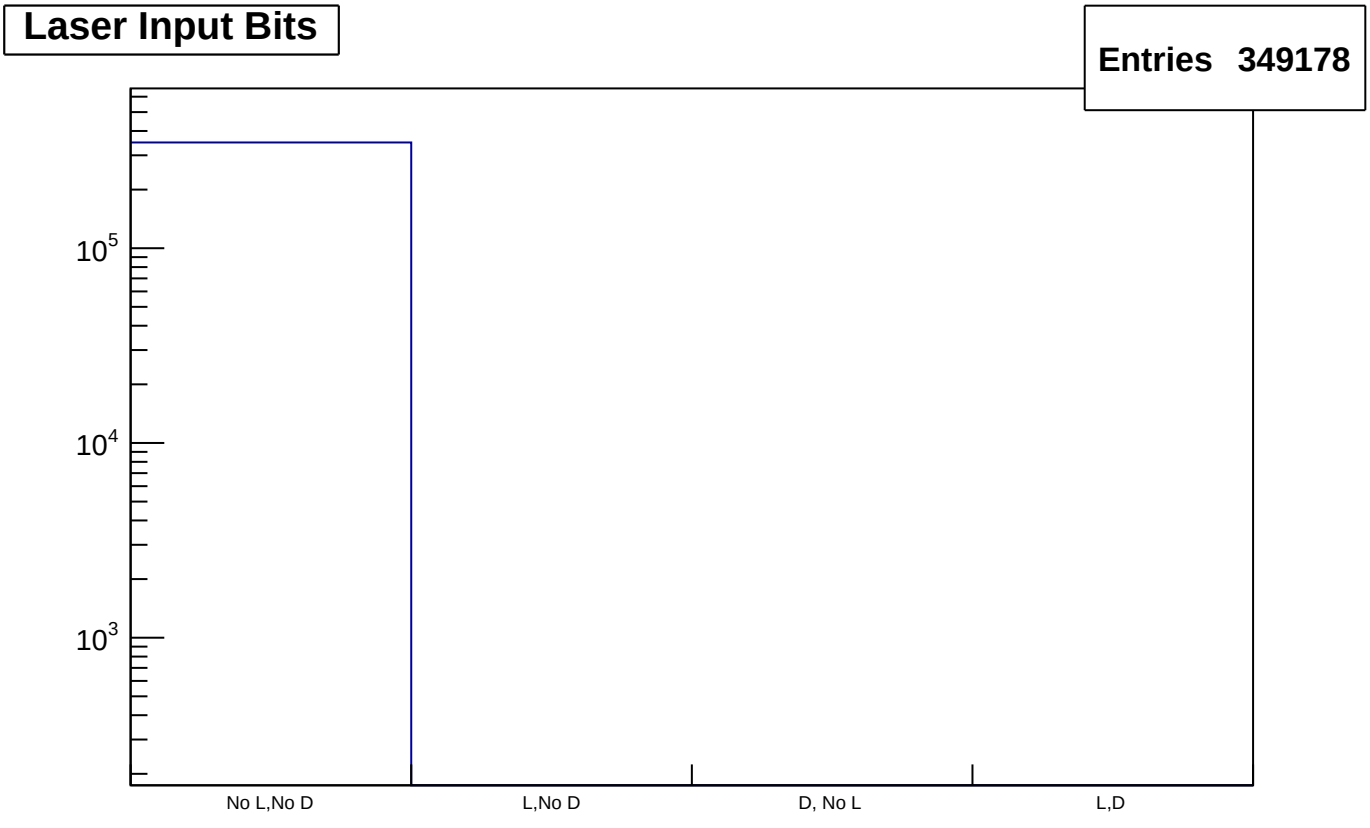

Entries 349178
TOF-Mult
VPD-West ADC Sum

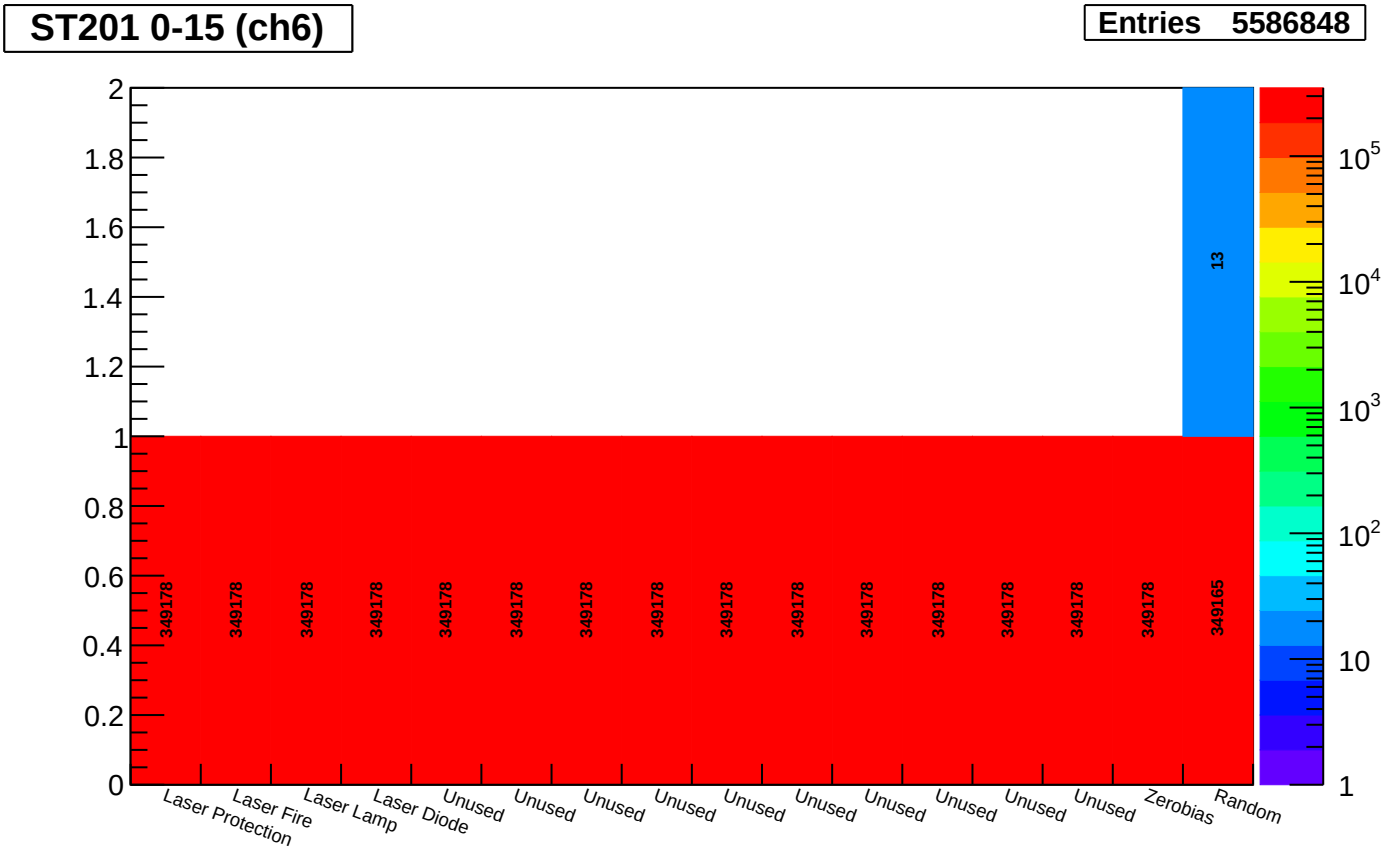

Entries 349178
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

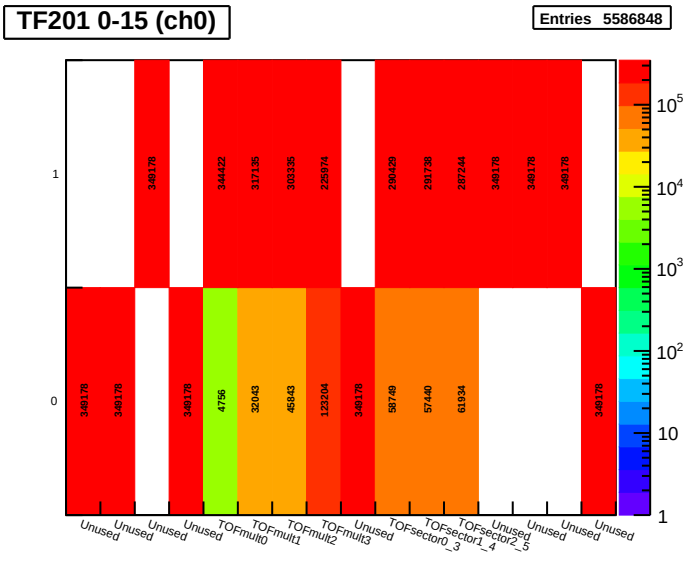

Entries 349178
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

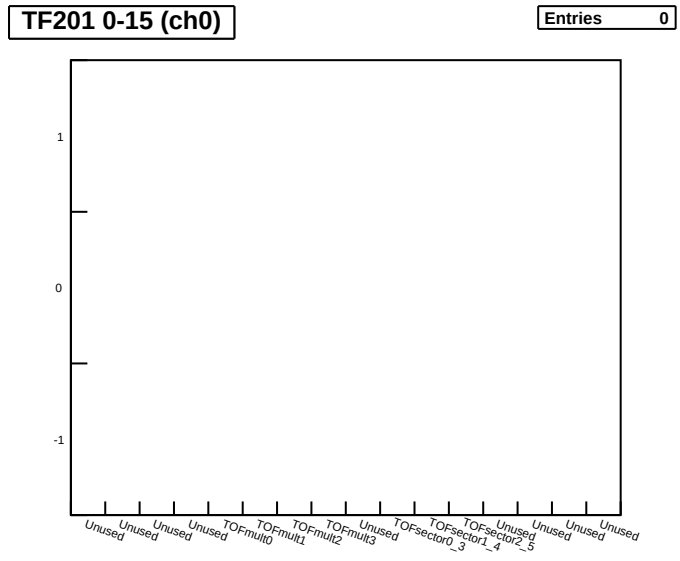

Entries 349178
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

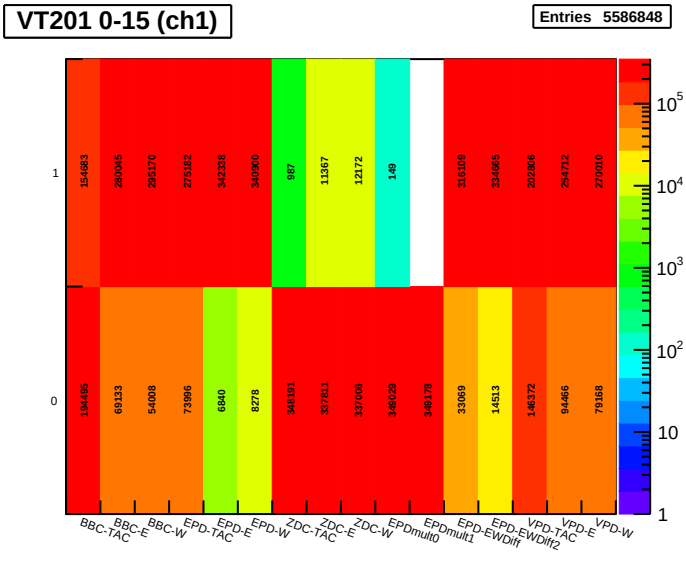

Entries 349178
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

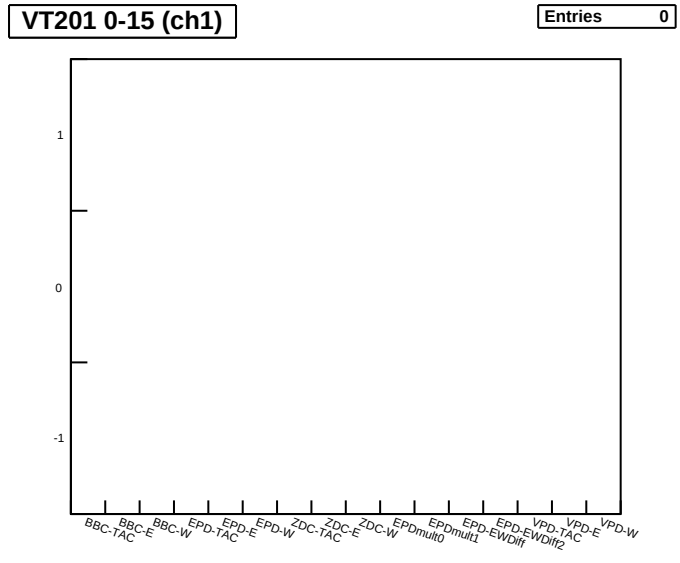

Laser Input Bits
Entries 349178
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

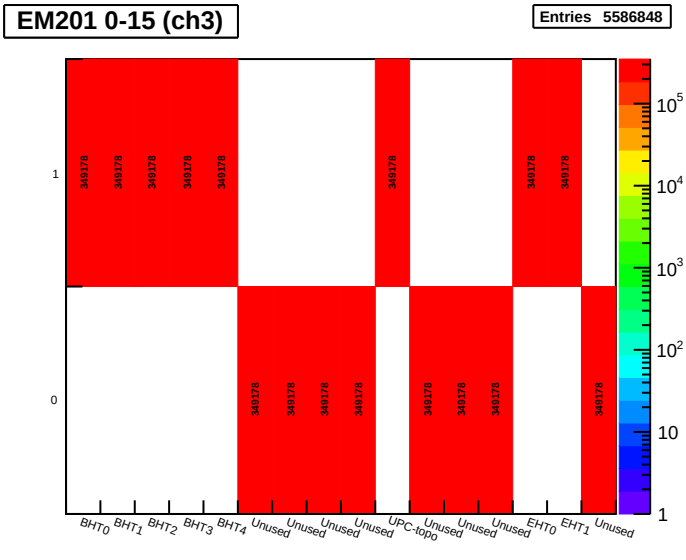

ST201 0-15 (ch6)
Entries 5586848
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349165
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

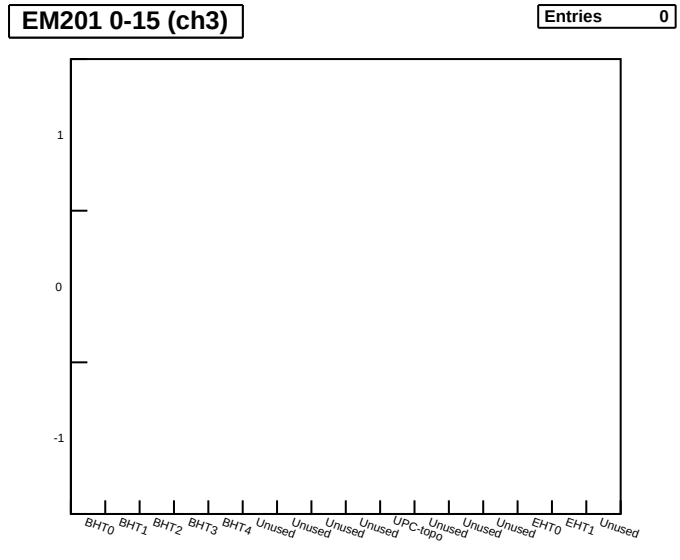

TF201 0-15 (ch0)
Entries 5586848
1
0
349178
344422
317135
303335
225974
290429
281738
287244
349178
349178
349178
349178
349178
4756
32043
45843
123204
349178
58749
57440
61934
349178
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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
Unused


VT201 0-15 (ch1)
Entries 5586848
1
0
154683
280045
295170
275182
342338
340900
987
11367
12172
149
316109
334665
202866
254712
270010
194495
69133
54008
73996
6940
8278
348191
337811
337006
348029
349178
33069
14513
146372
94466
79168
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 5586848
1
0
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
349178
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