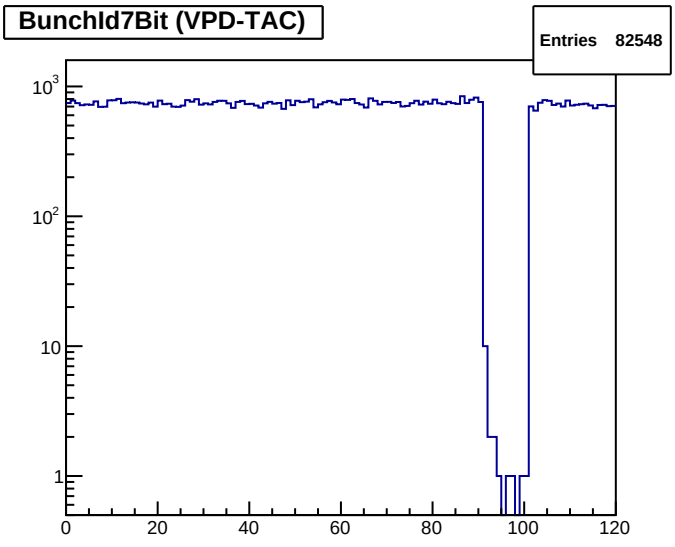
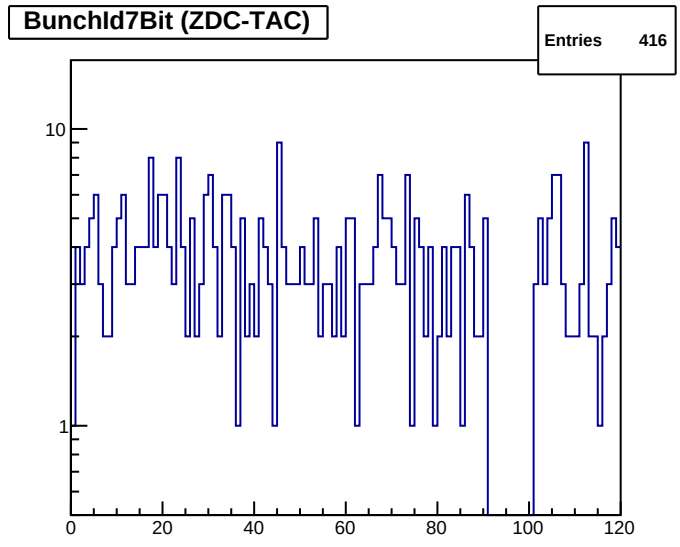
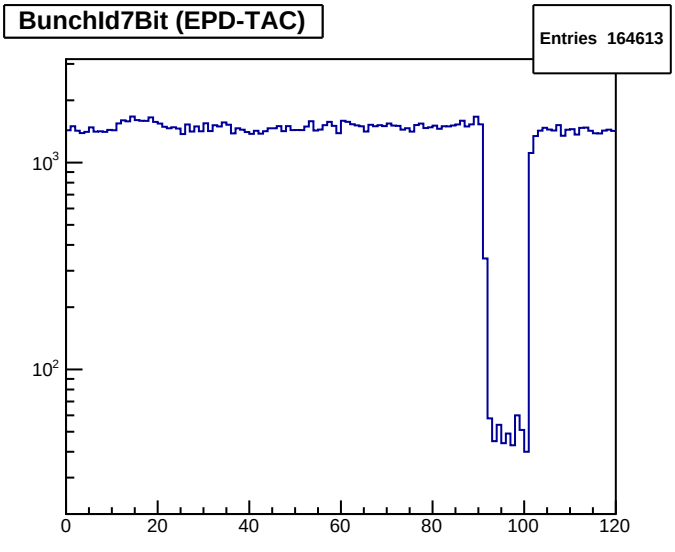
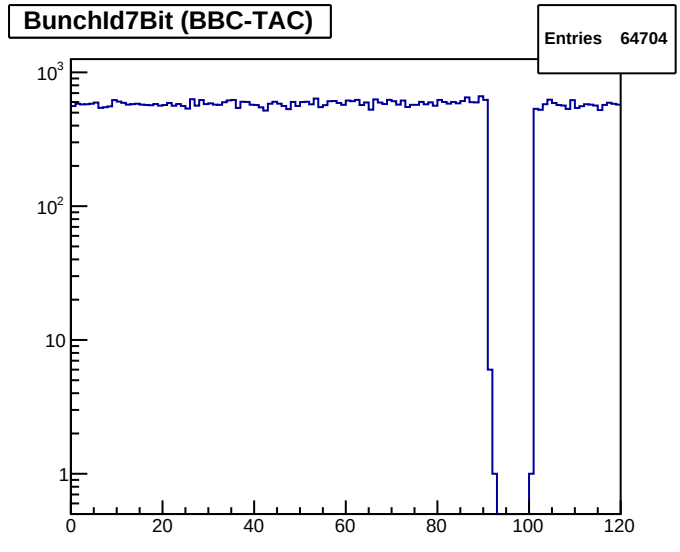
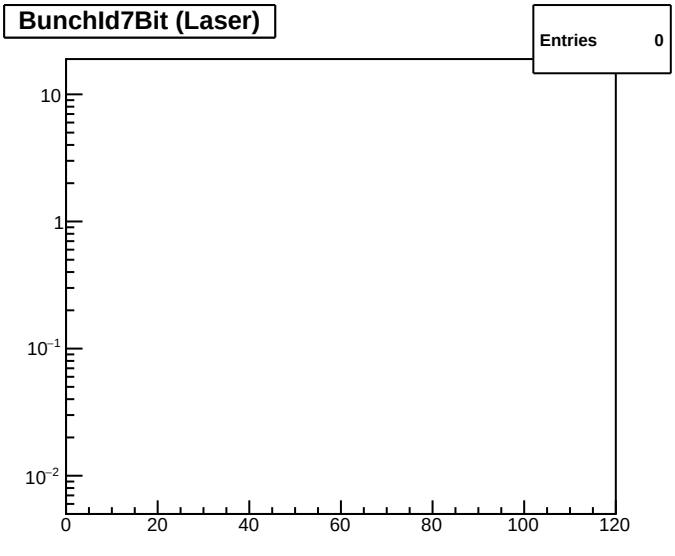
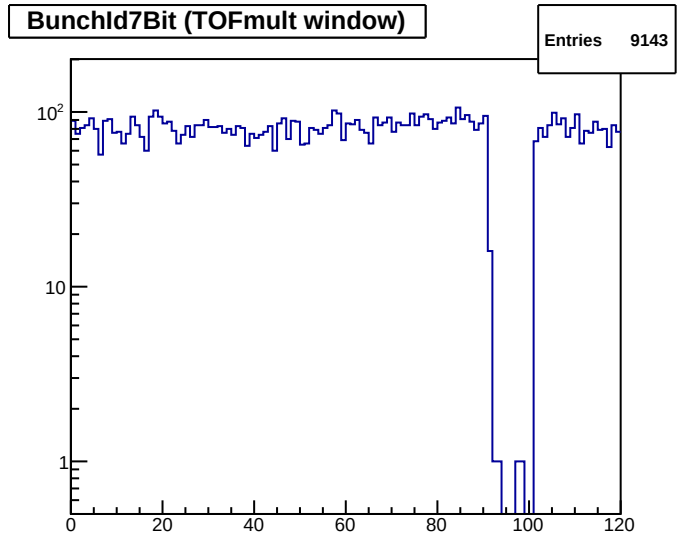

BunchId7Bit (VPD-TAC)
Entries 82548

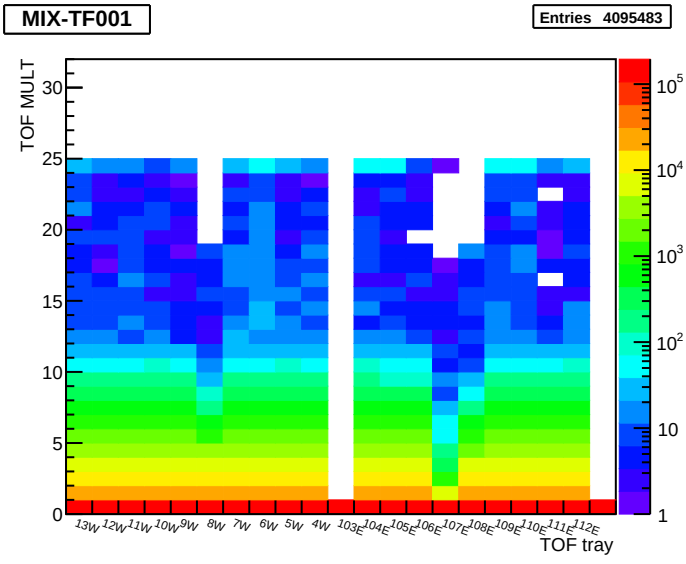

BunchId7Bit (ZDC-TAC)
Entries 416

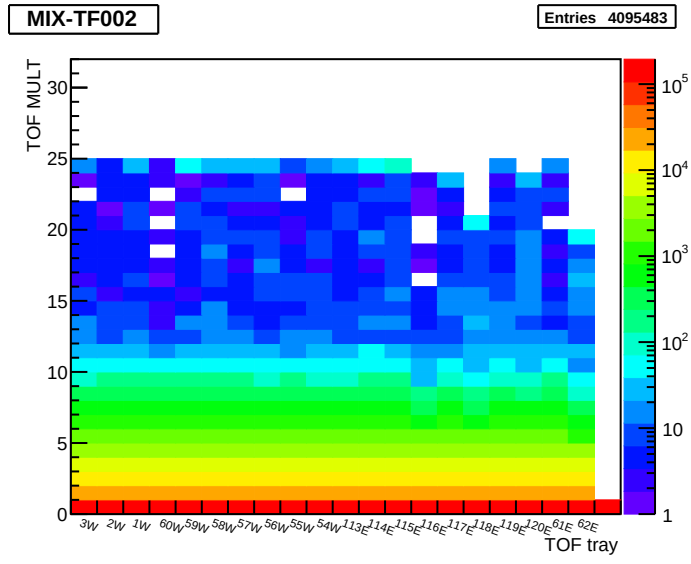

BunchId7Bit (EPD-TAC)
Entries 164613

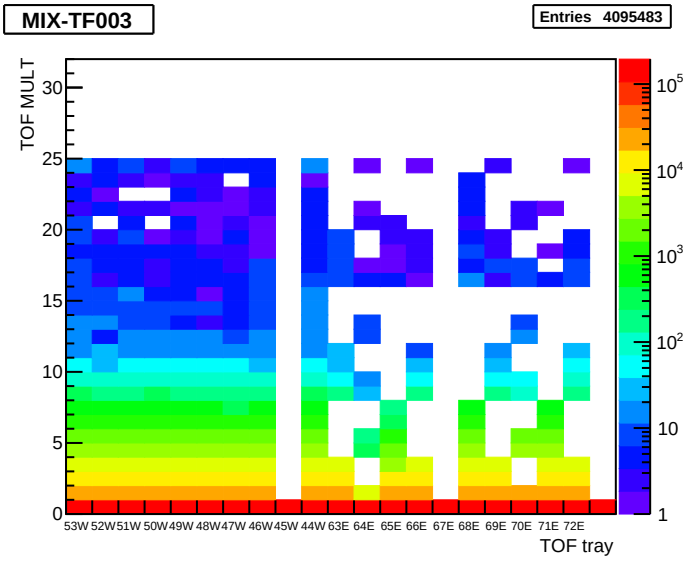

BunchId7Bit (BBC-TAC)
Entries 64704

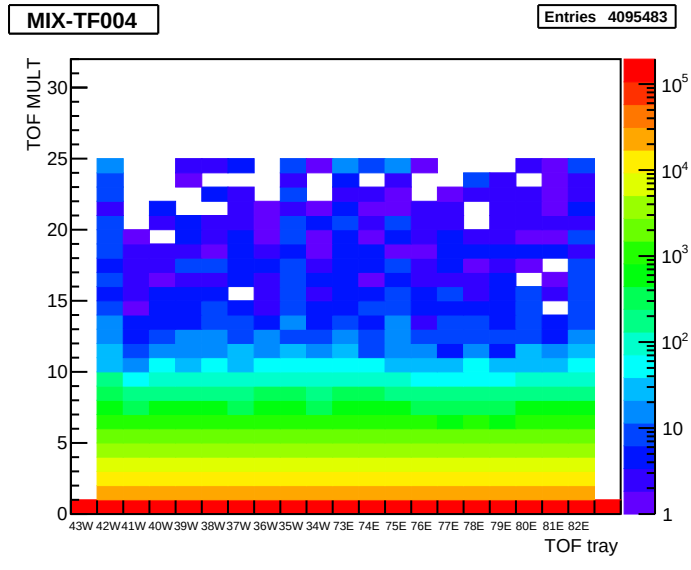

BunchId7Bit (Laser)
Entries 0

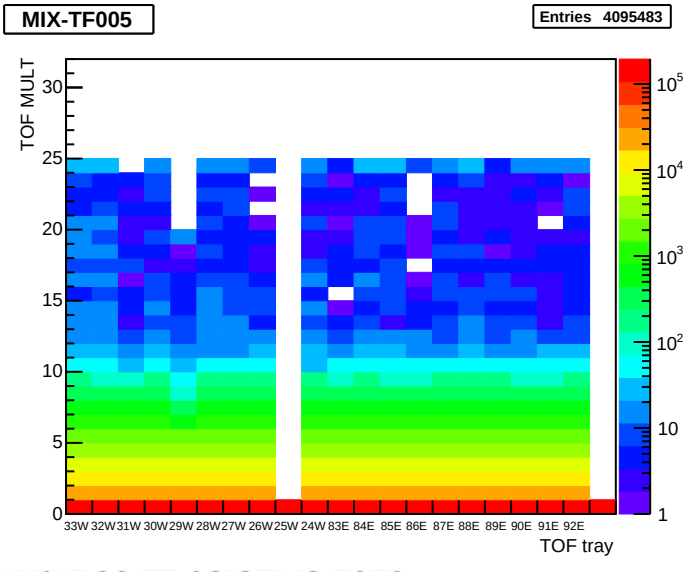

BunchId7Bit (TOFmult window)
Entries 9143

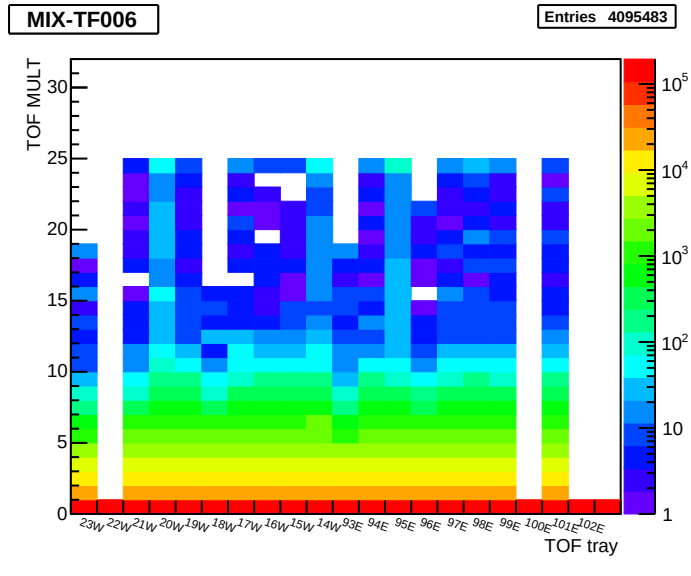

MIX-TF001
Entries 4095483
TOF MULT
TOF tray

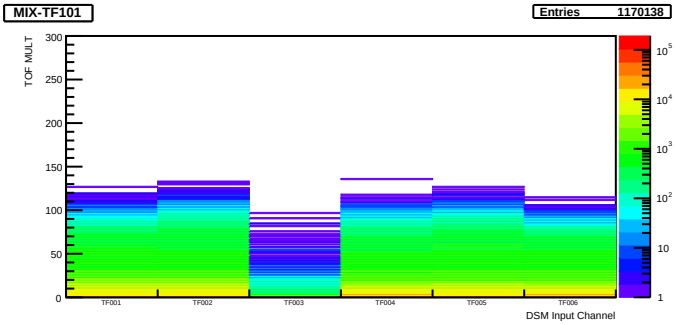

MIX-TF002
Entries 4095483
TOF MULT
TOF tray

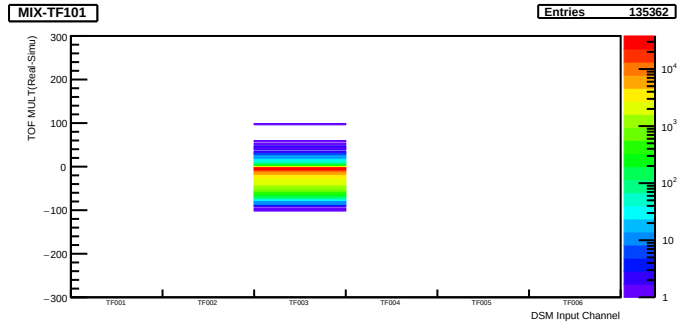

MIX-TF003
Entries 4095483
TOF MULT
TOF tray

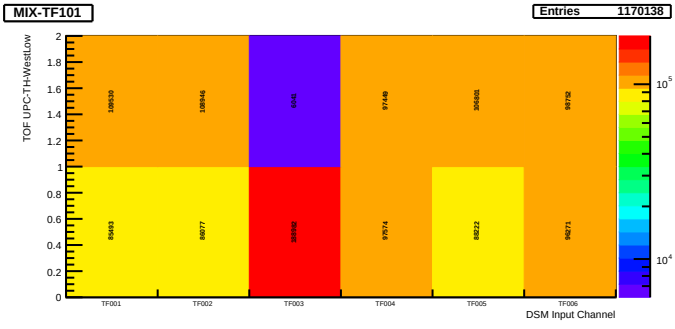

MIX-TF004
Entries 4095483
TOF MULT
TOF tray

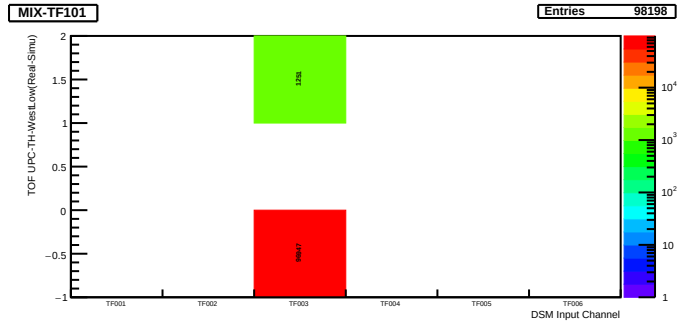

MIX-TF005
Entries 4095483
TOF MULT
TOF tray

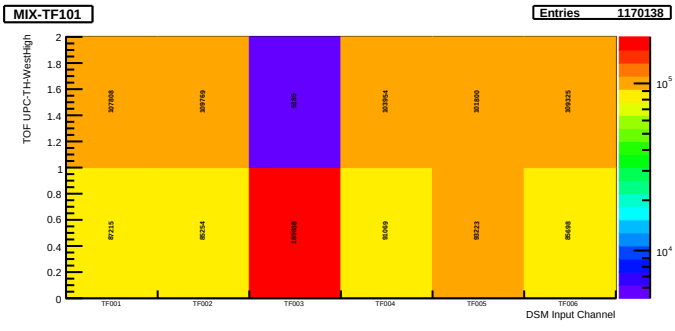

MIX-TF006
Entries 4095483
TOF MULT
TOF tray

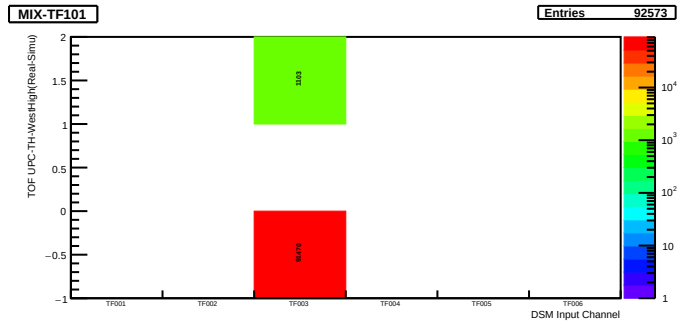

MIX-TF101
Entries 1170138
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

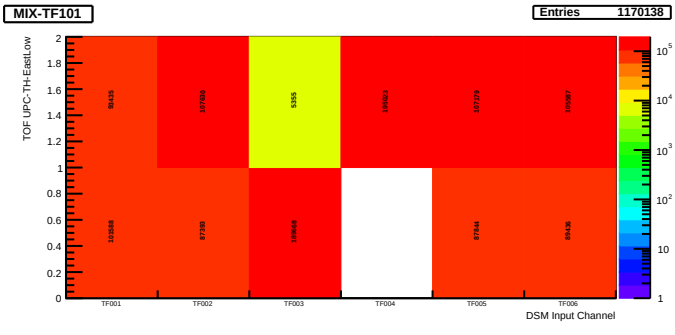

MIX-TF101
Entries 135362
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

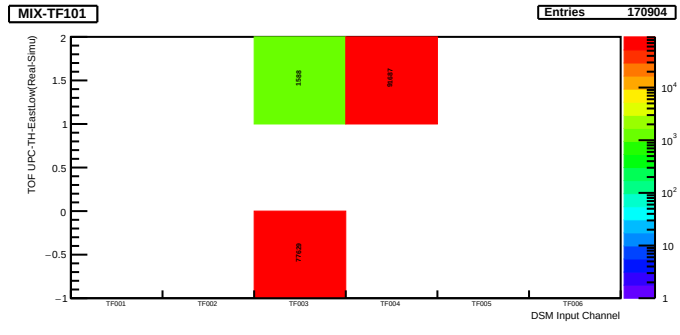

MIX-TF101
Entries 1170138
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

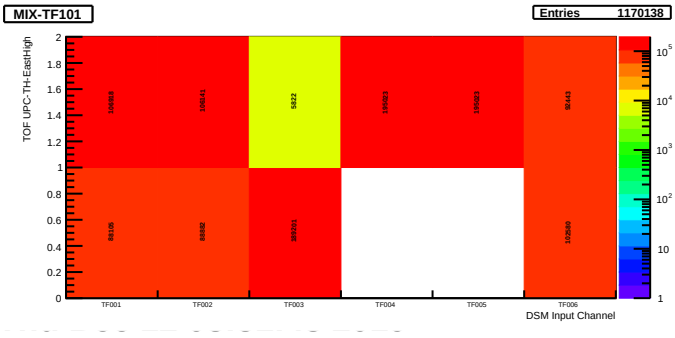

MIX-TF101
Entries 98198
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

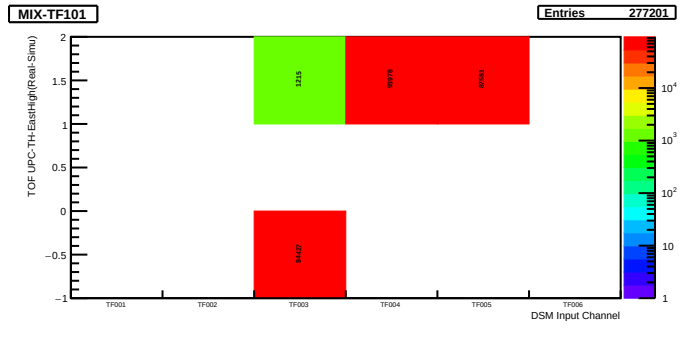

MIX-TF101
Entries 1170138
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

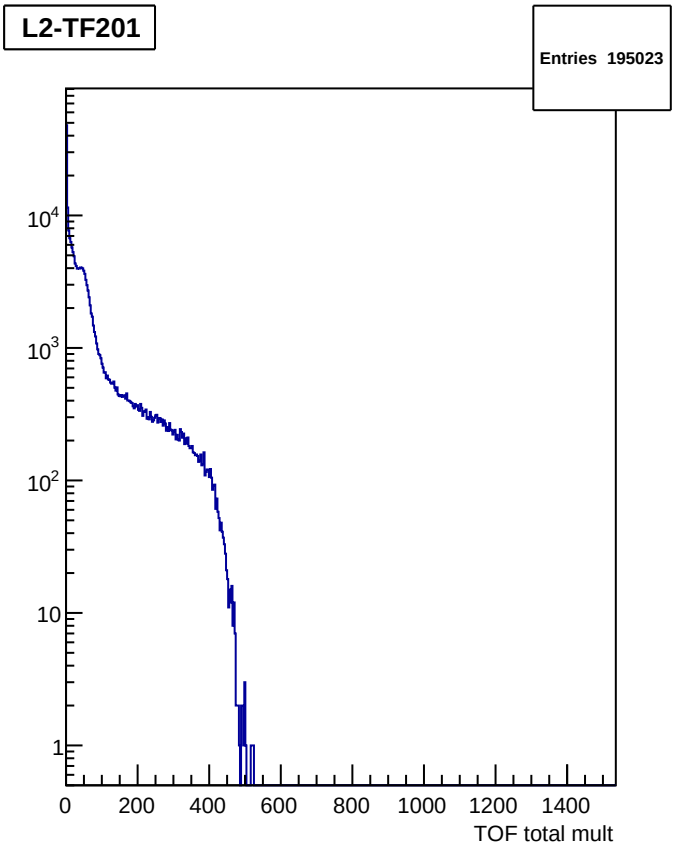

MIX-TF101
Entries 92573
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

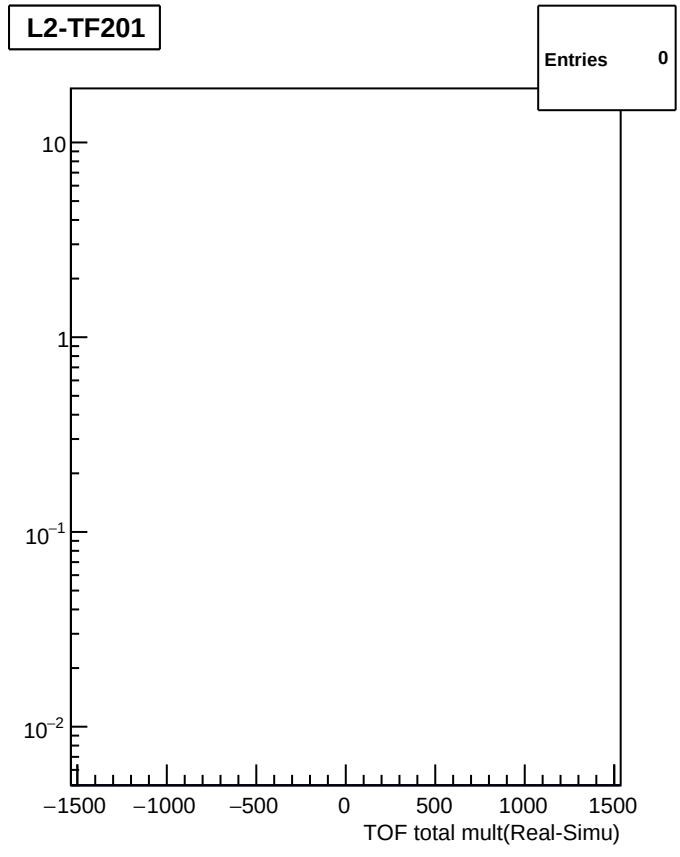

MIX-TF101
Entries 1170138
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

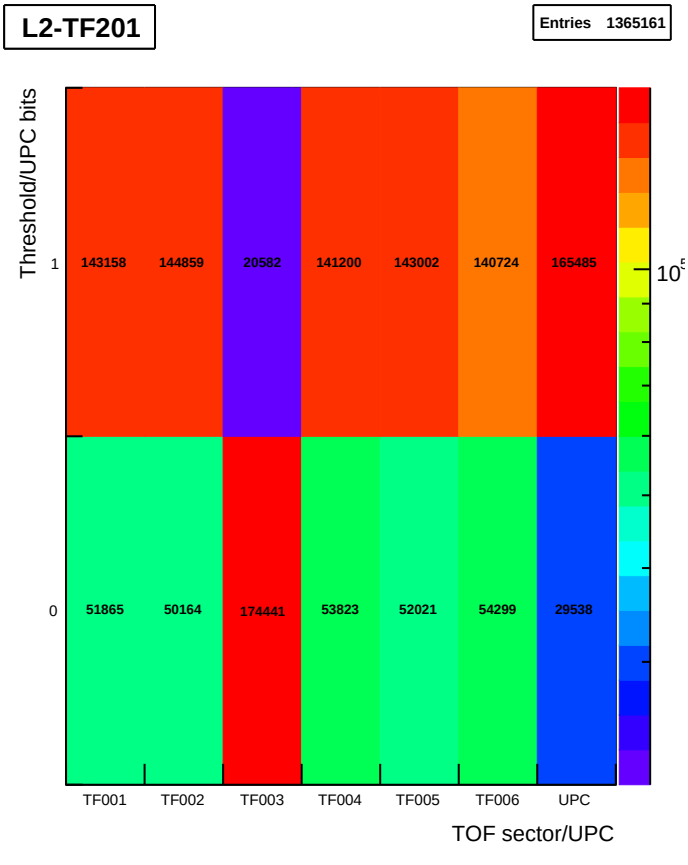

MIX-TF101
Entries 170904
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

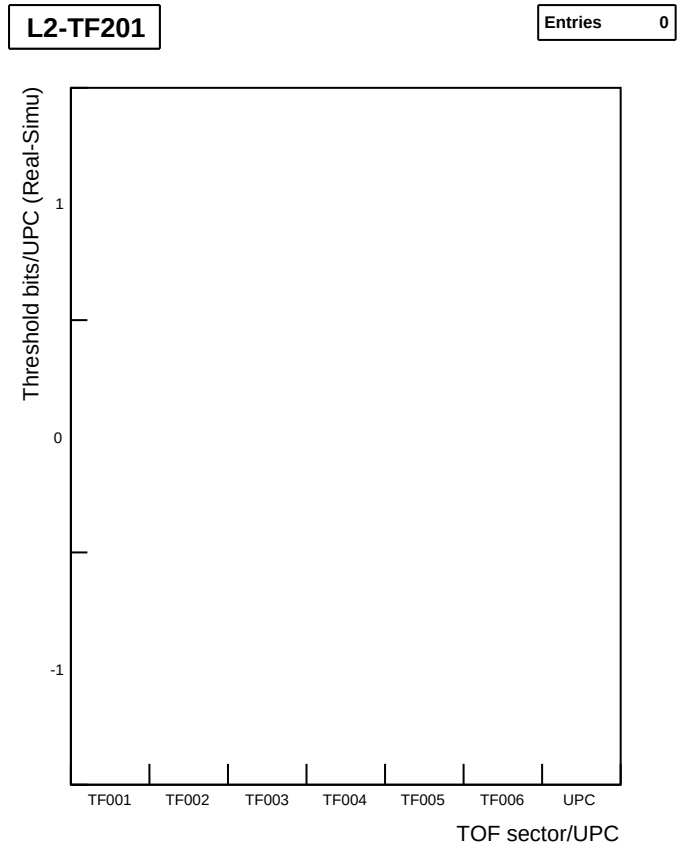

MIX-TF101
Entries 1170138
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

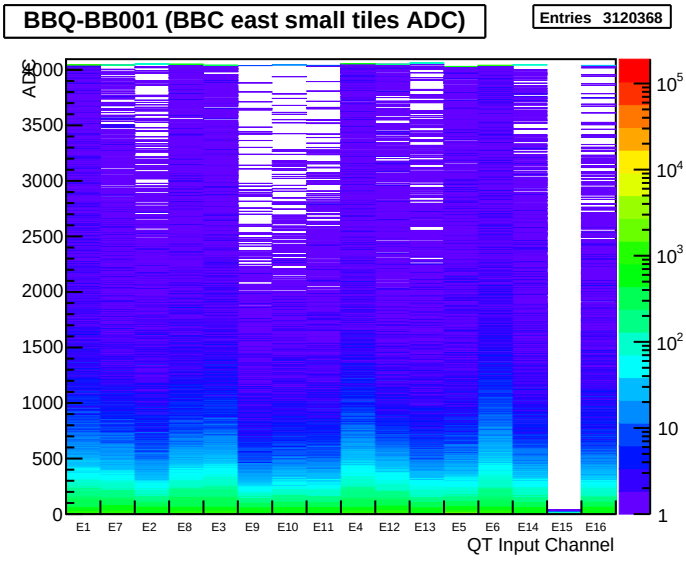

MIX-TF101
Entries 277201
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

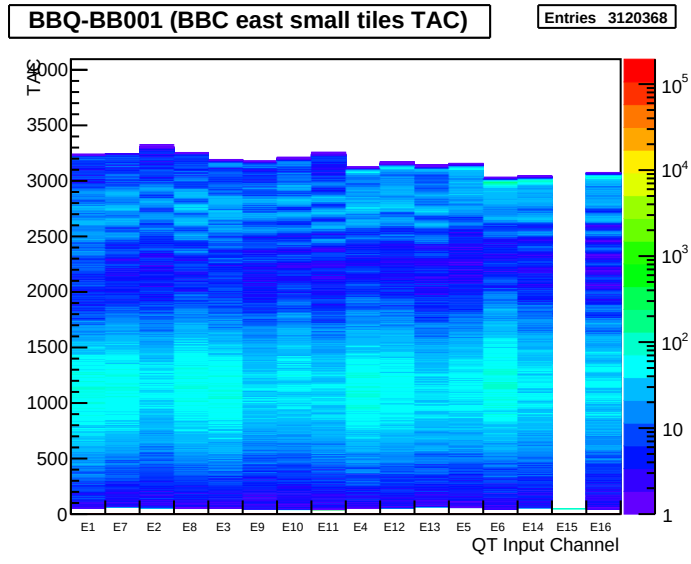

L2-TF201
Entries 195023
TOF total mult

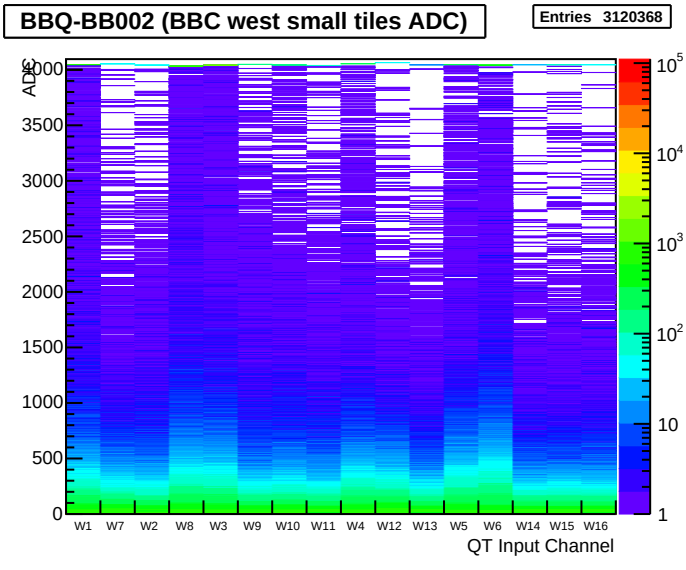

L2-TF201
Entries 0
TOF total mult(Real-Simu)

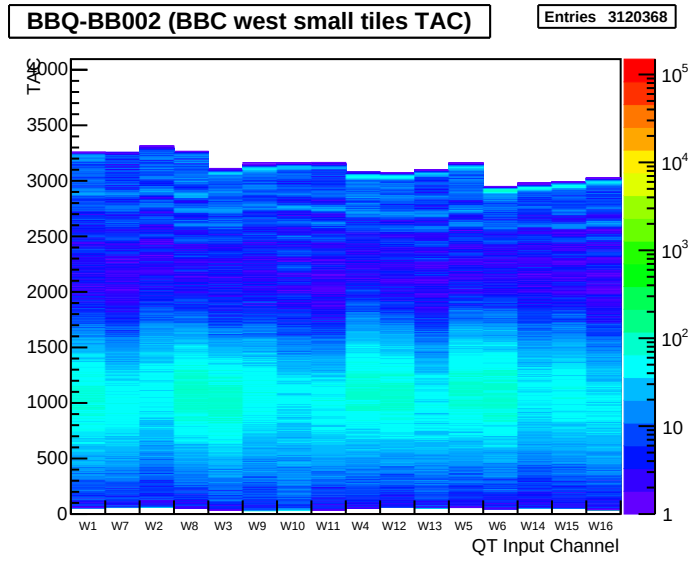

L2-TF201
Entries 1365161
Threshold/UPC bits
143158
144859
20582
141200
143002
140724
165485
51865
50164
174441
53823
52021
54299
29538
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

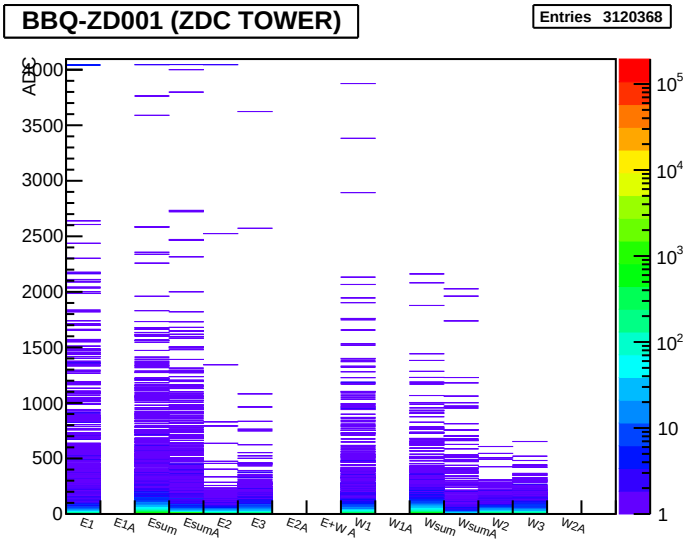

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

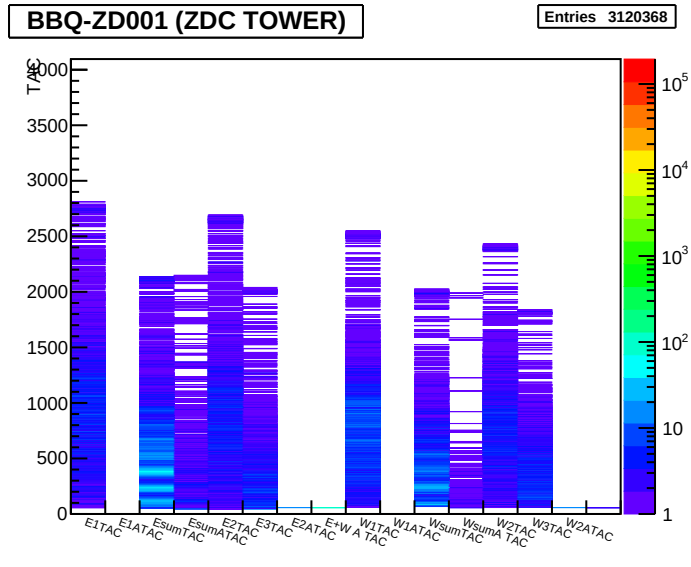

BBQ-BB001 (BBC east small tiles ADC)
Entries 3120368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

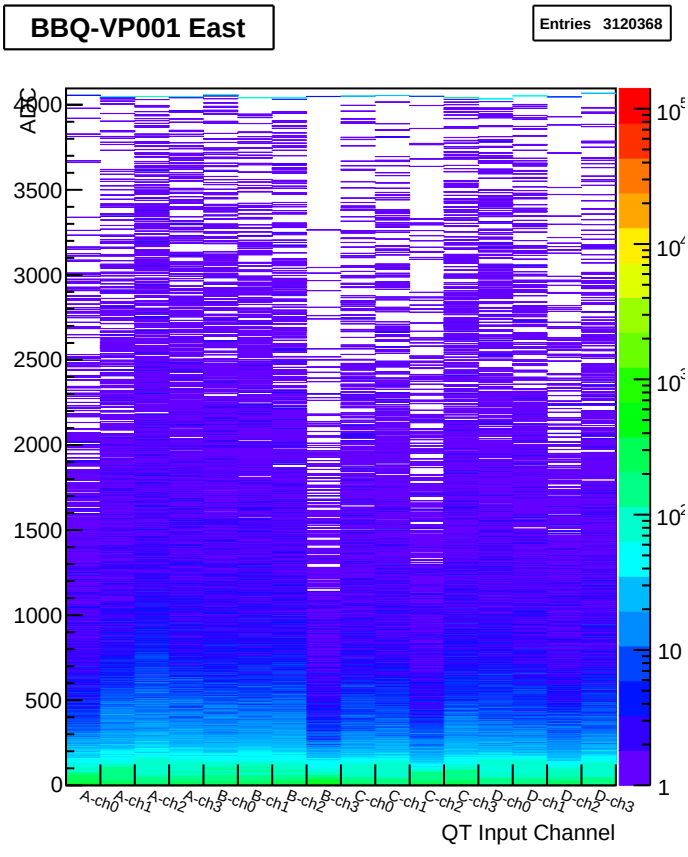

BBQ-BB001 (BBC east small tiles TAC)
Entries 3120368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

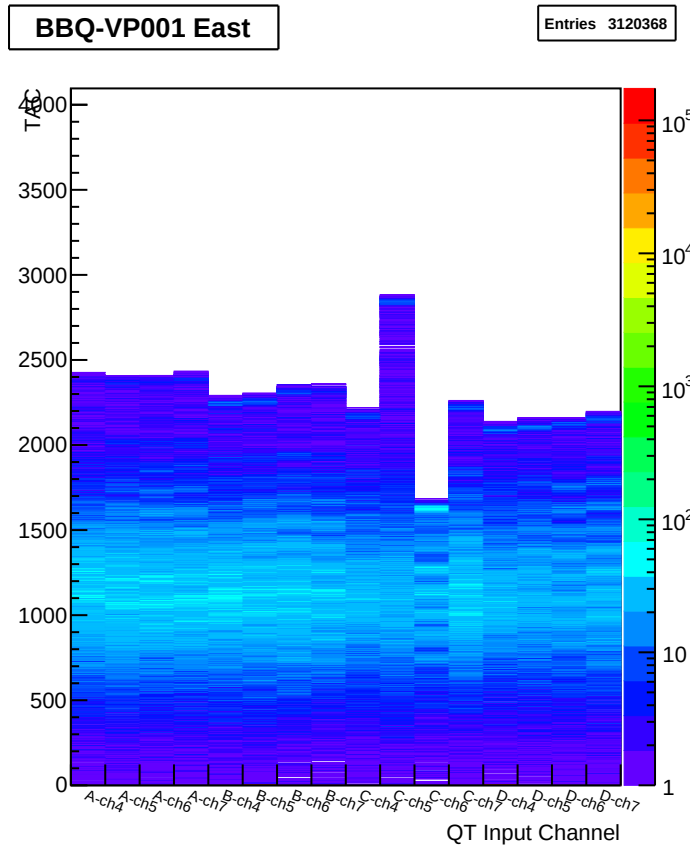

BBQ-BB002 (BBC west small tiles ADC)
Entries 3120368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

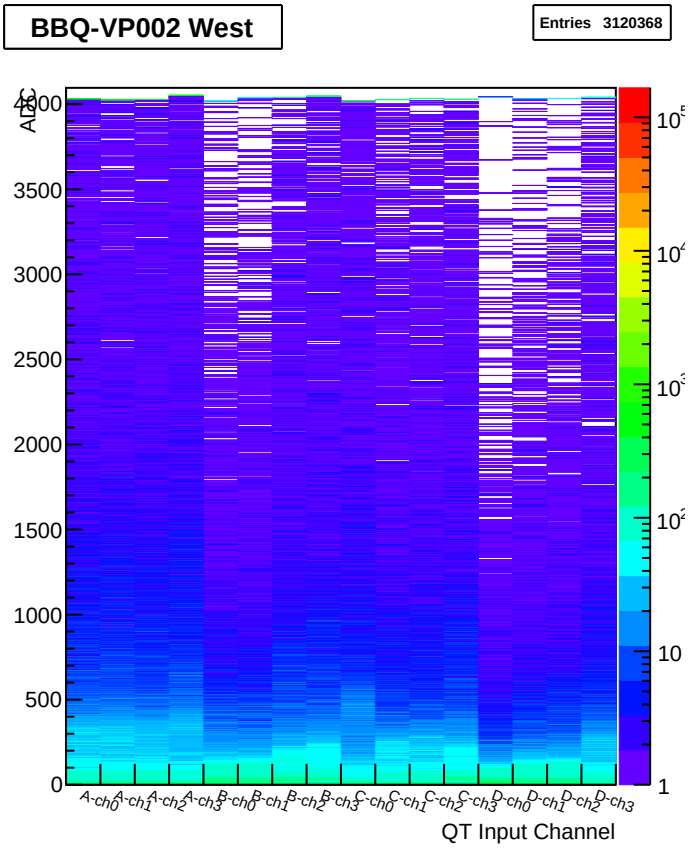

BBQ-BB002 (BBC west small tiles TAC)
Entries 3120368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

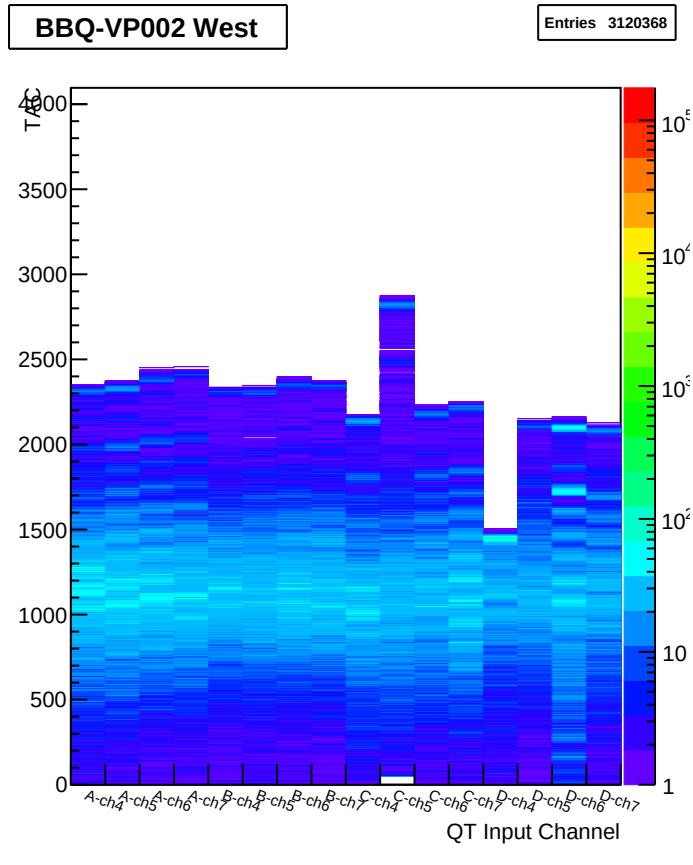

BBQ-ZD001 (ZDC TOWER)
Entries 3120368
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

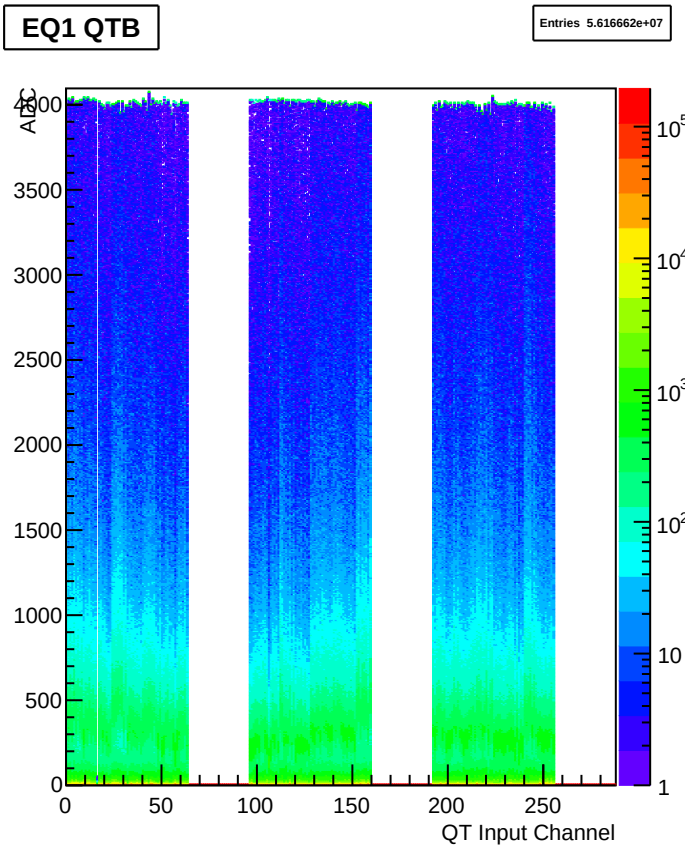

BBQ-ZD001 (ZDC TOWER)
Entries 3120368
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

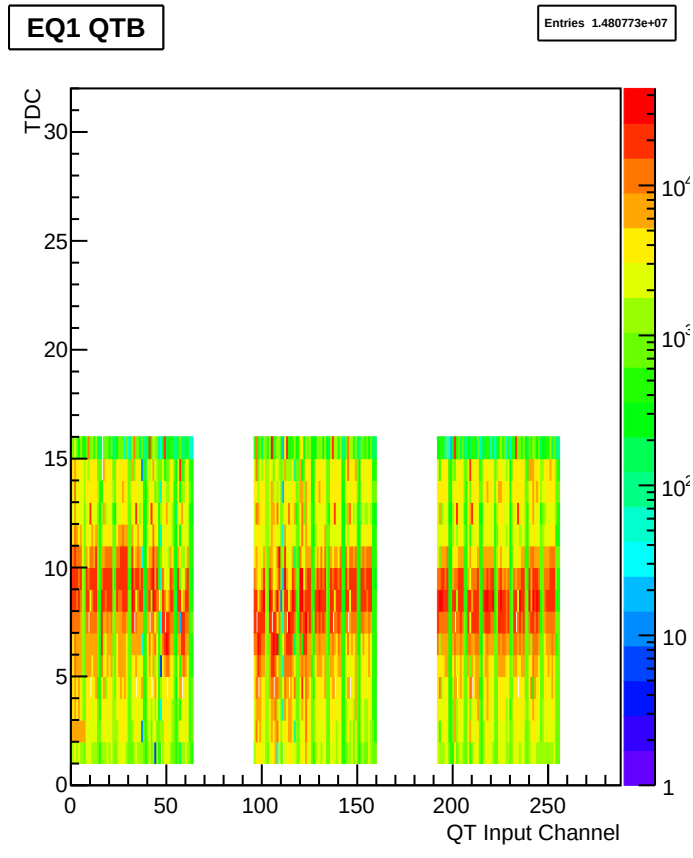

BBQ-VP001 East
Entries 3120368
ADC
QT Input Channel

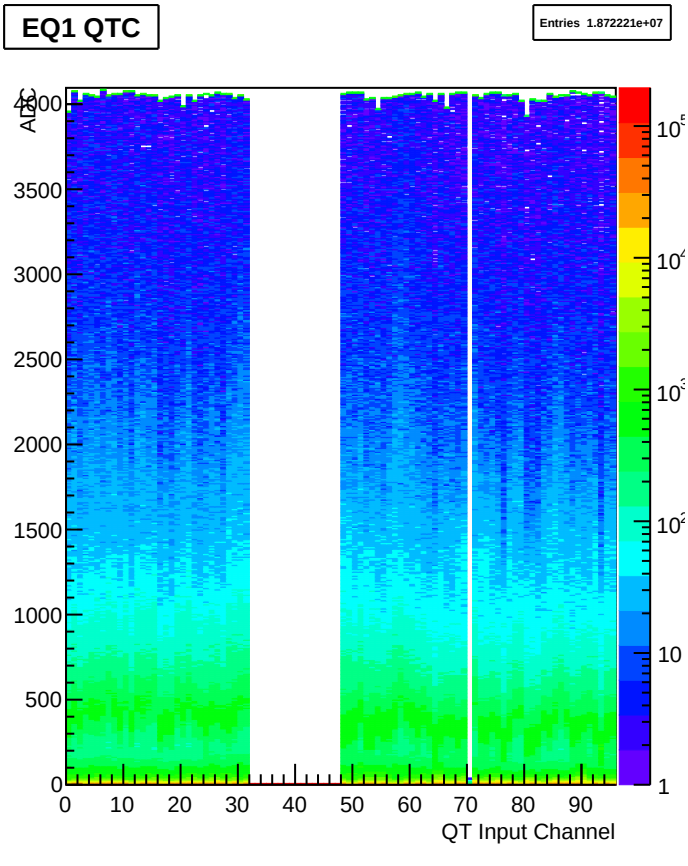

BBQ-VP001 East
Entries 3120368
ADC
QT Input Channel

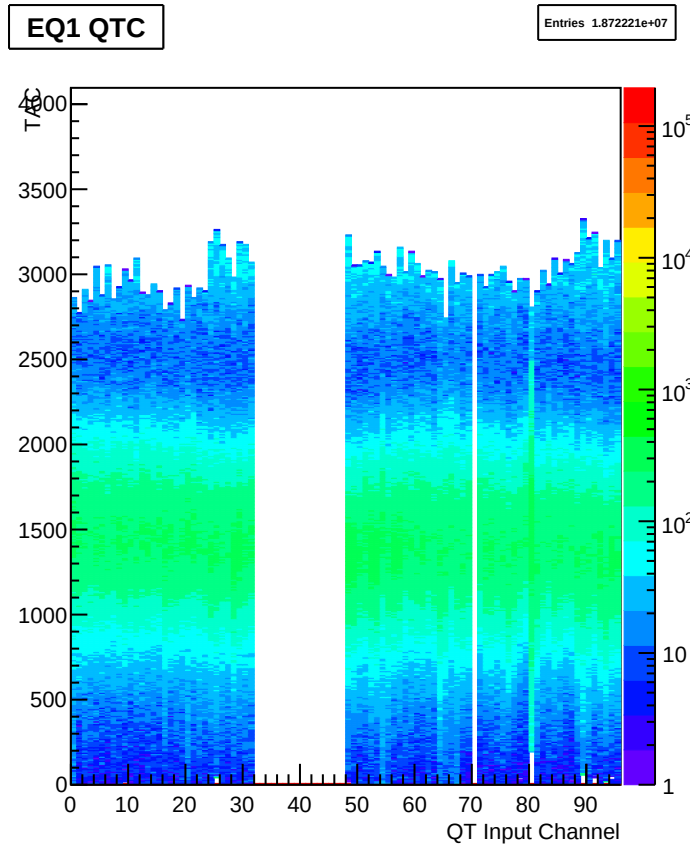

BBQ-VP002 West
Entries 3120368
ADC
QT Input Channel

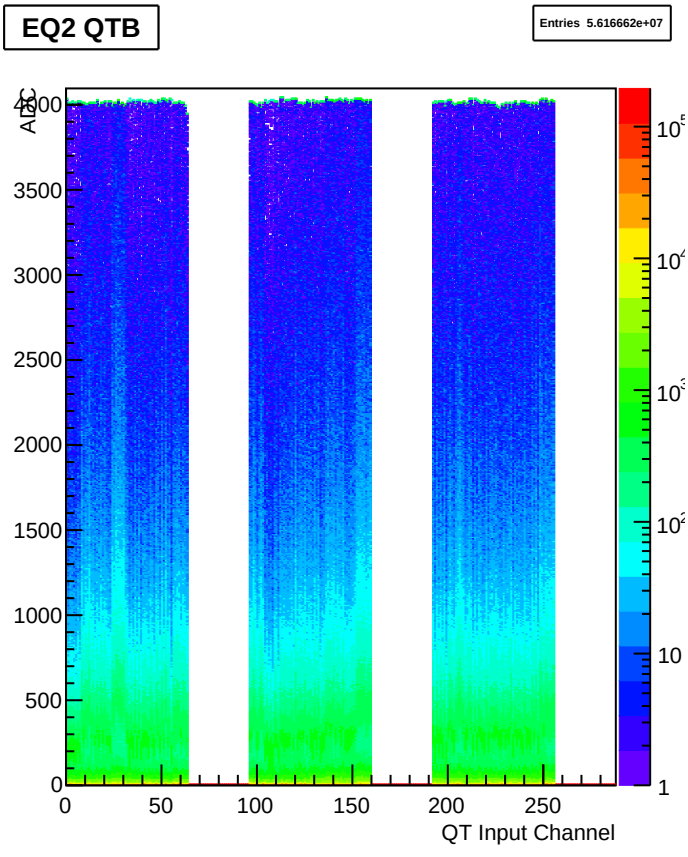

BBQ-VP002 West
Entries 3120368
ADC
QT Input Channel

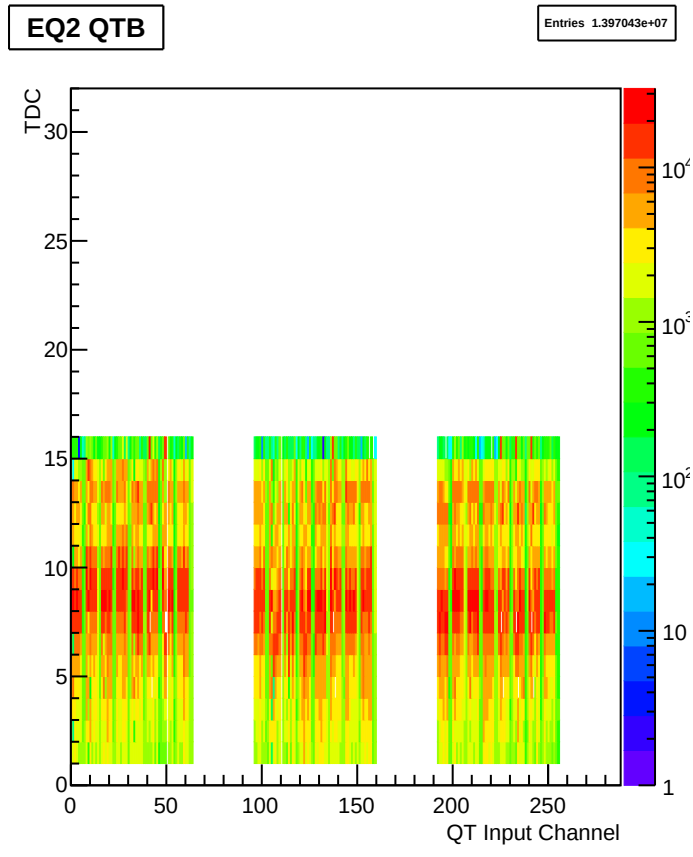

EQ1 QTB
Entries 5.616662e+07
ADC
QT Input Channel

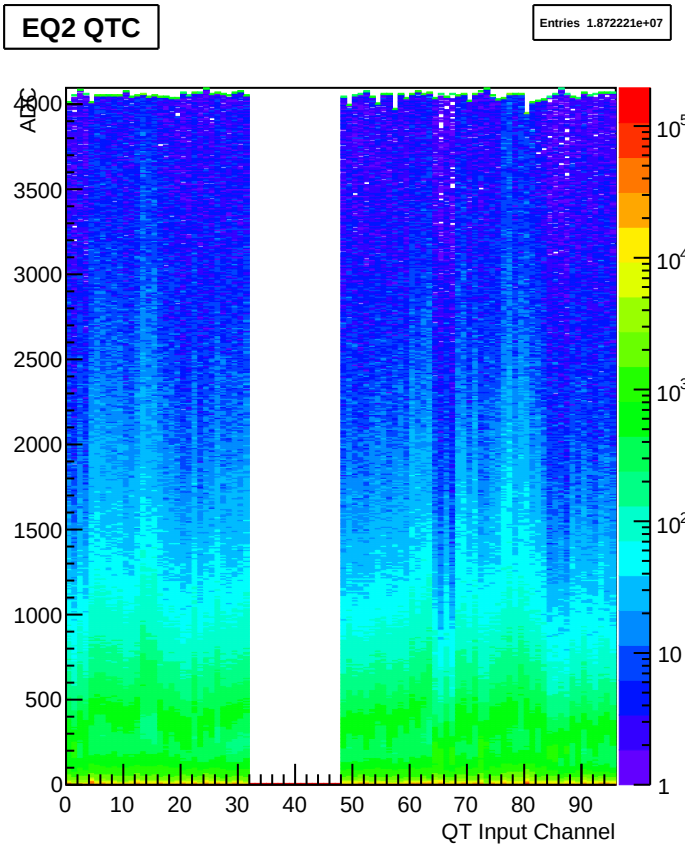

EQ1 QTB
Entries 1.480773e+07
TDC
QT Input Channel

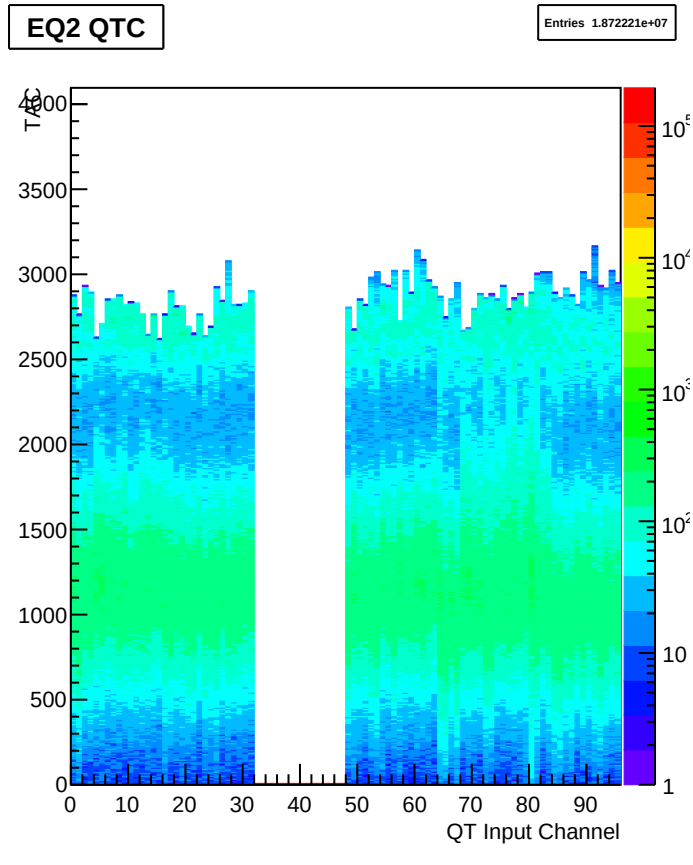

EQ1 QTC
Entries 1.872221e+07
ADC
QT Input Channel

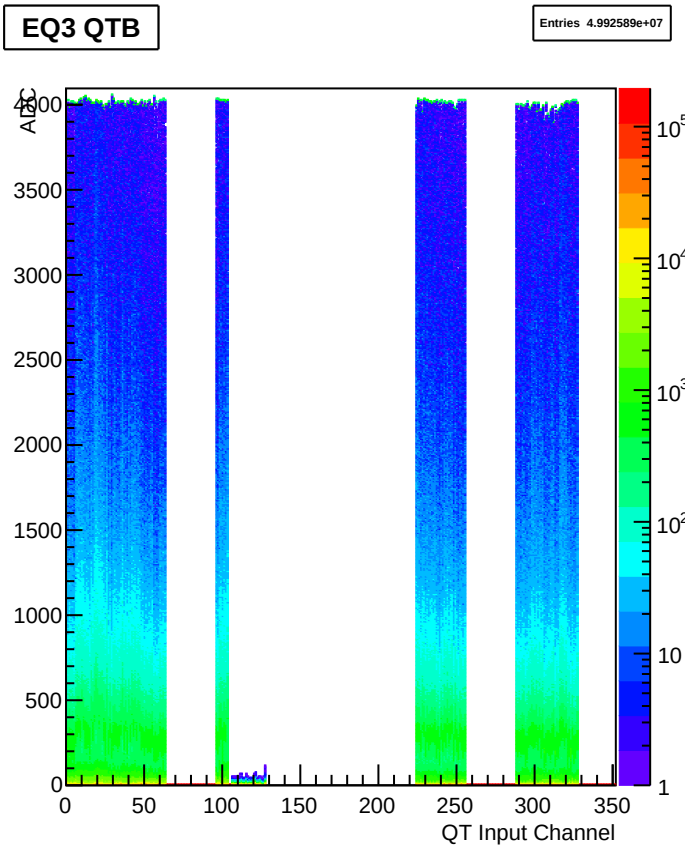

EQ1 QTC
Entries 1.872221e+07
TADC
QT Input Channel

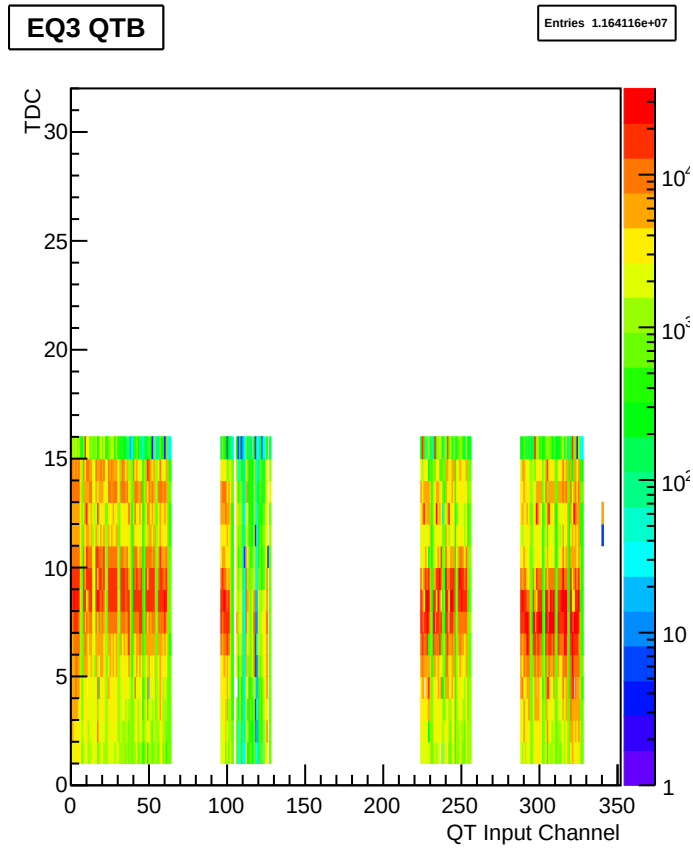

EQ2 QTB
Entries 5.616662e+07
ADC
QT Input Channel

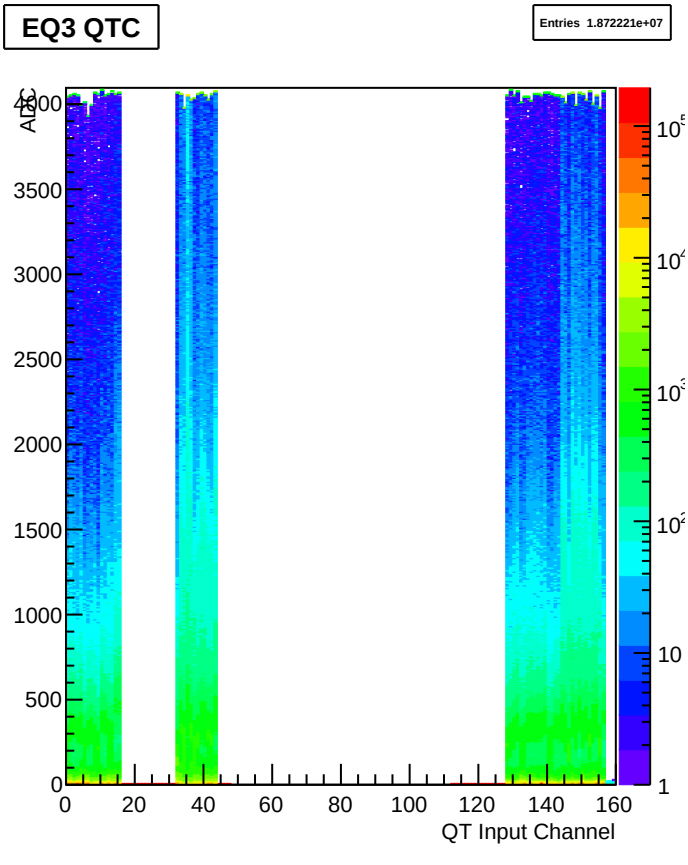

EQ2 QTB
Entries 1.397043e+07
TDC
QT Input Channel

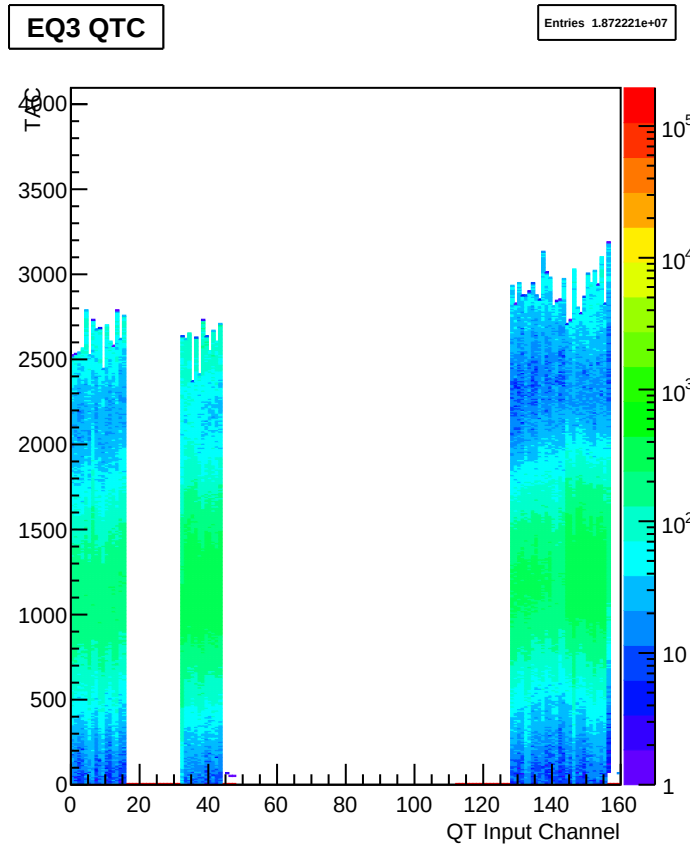

EQ2 QTC
Entries 1.872221e+07
ADC
QT Input Channel

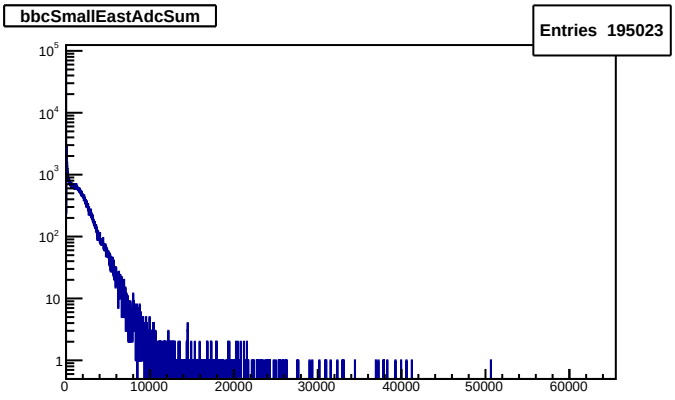

EQ2 QTC
Entries 1.872221e+07
TADC
QT Input Channel

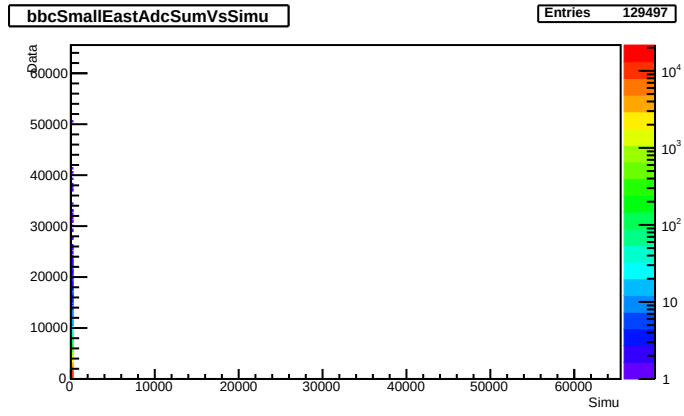

EQ3 QTB
Entries 4.992589e+07
ADC
QT Input Channel

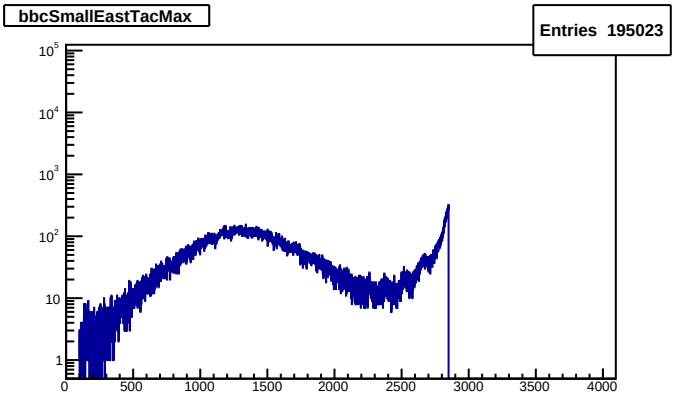

EQ3 QTB
Entries 1.164116e+07
TDC
QT Input Channel

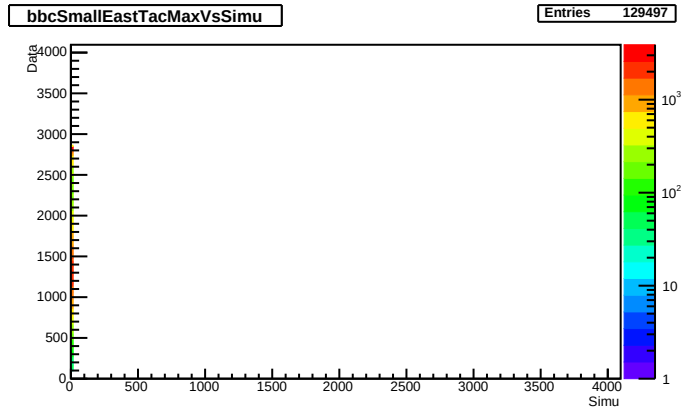

EQ3 QTC
Entries 1.872221e+07
ADC
QT Input Channel

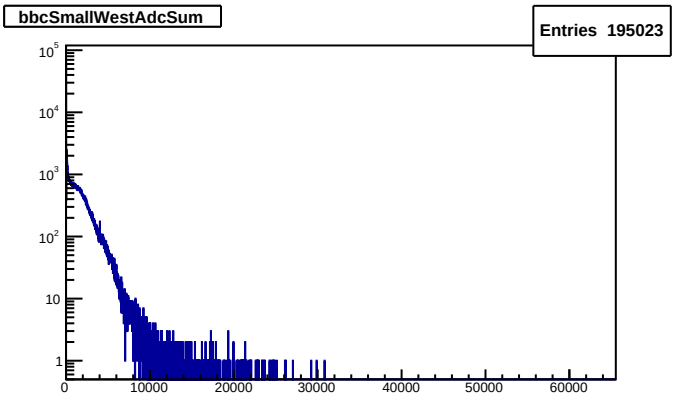

EQ3 QTC
Entries 1.872221e+07
TADC
QT Input Channel

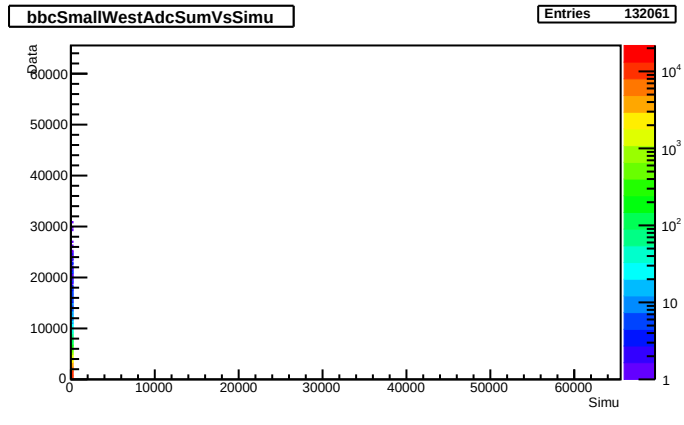

bbcSmallEastAdcSum
Entries 195023

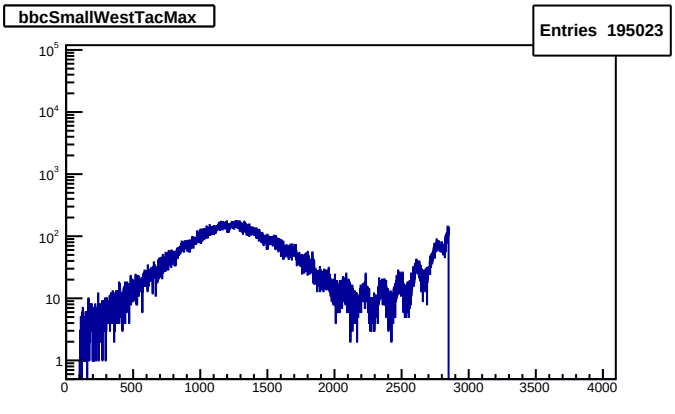

bbcSmallEastAdcSumVsSimu
Entries 129497
Data
Simu

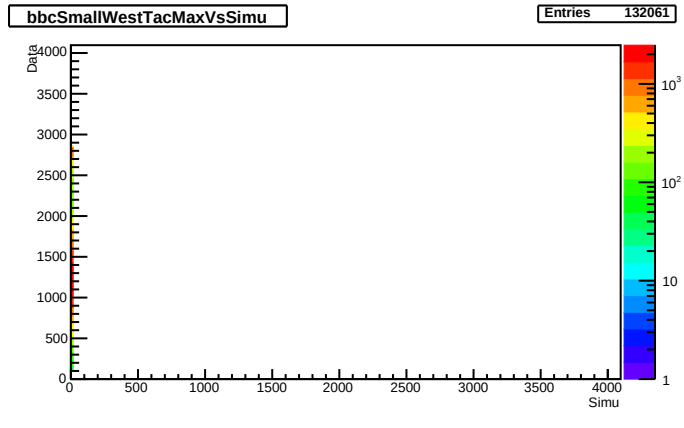

bbcSmallEastTacMax
Entries 195023

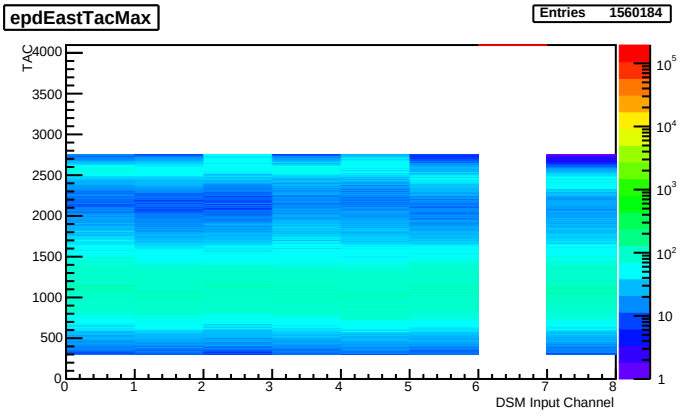

bbcSmallEastTacMaxVsSimu
Entries 129497
Data
Simu

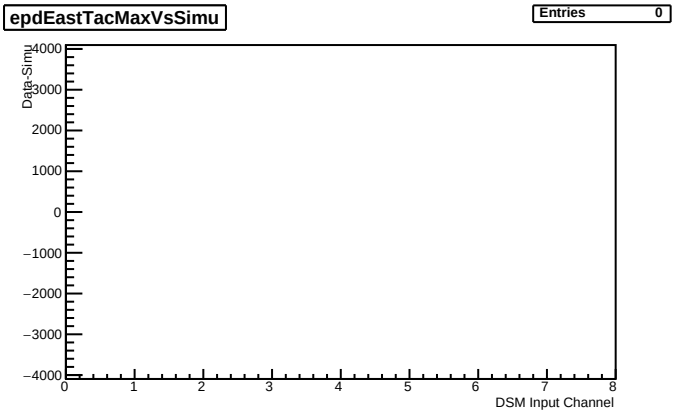

bbcSmallWestAdcSum
Entries 195023

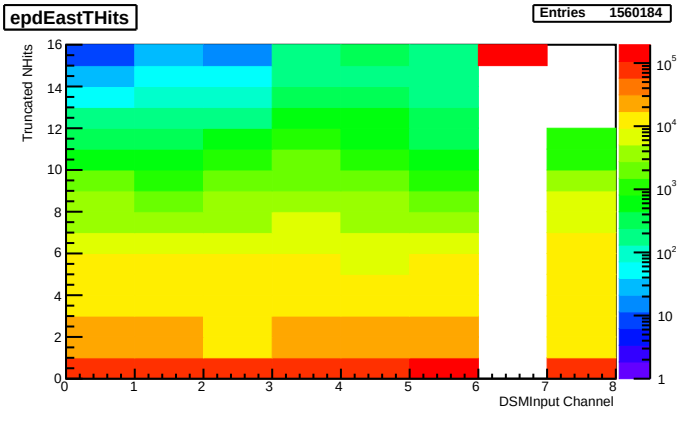

bbcSmallWestAdcSumVsSimu
Entries 132061
Data
Simu

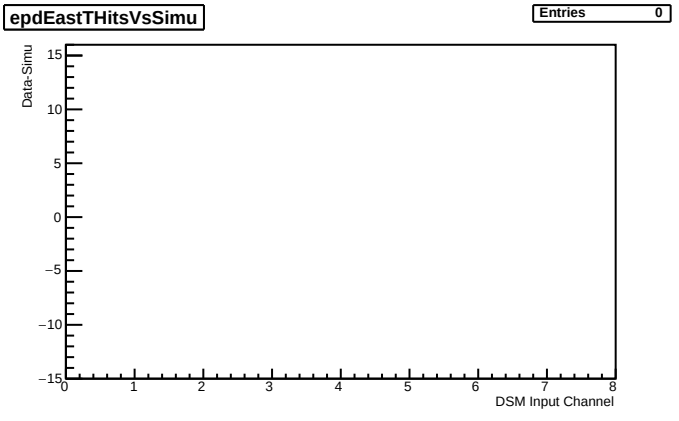

bbcSmallWestTacMax
Entries 195023


bbcSmallWestTacMaxVsSimu
Entries 132061
Data
Simu


epdEastTacMax
Entries 1560184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1560184
Truncated NHits
DSMInput Channel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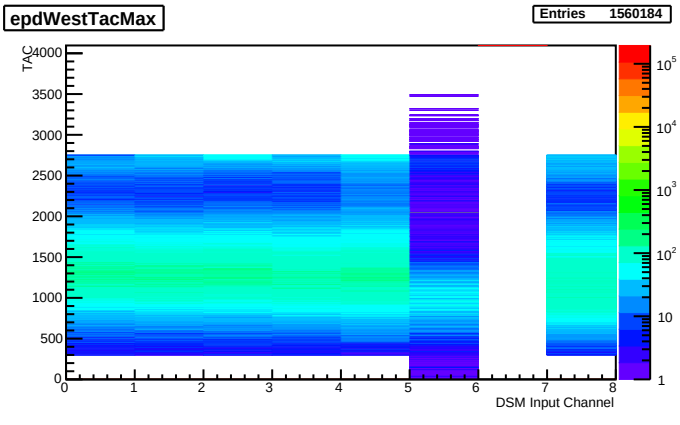
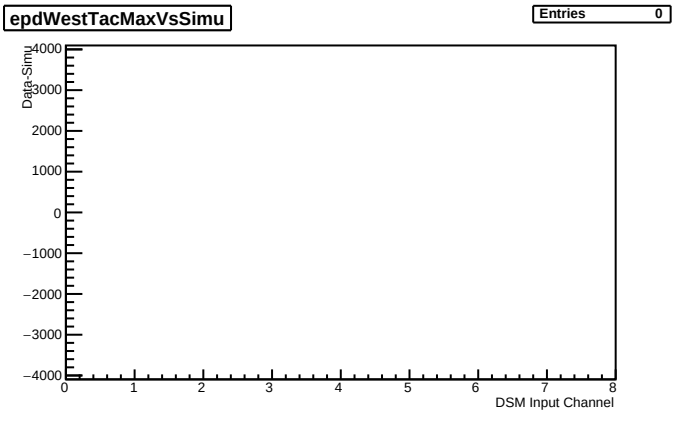
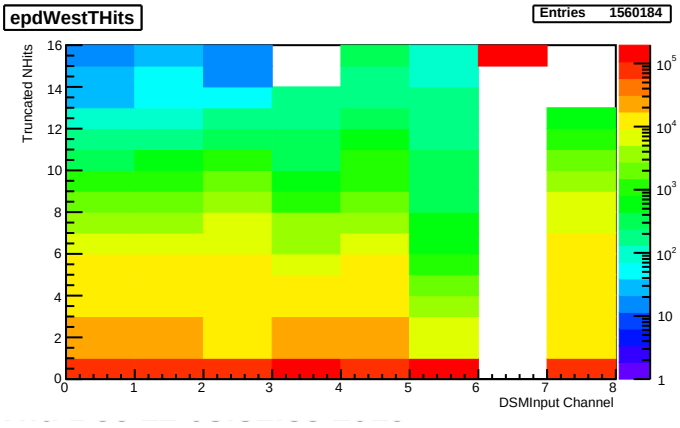
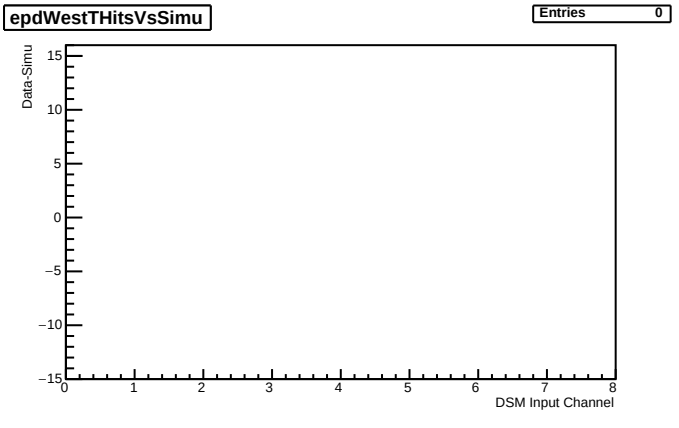
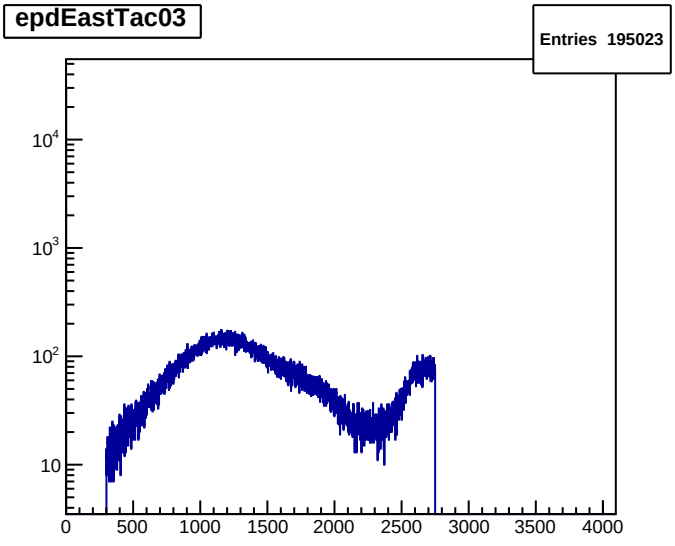
Entries 0
Data-Simu
DSM Input Channel

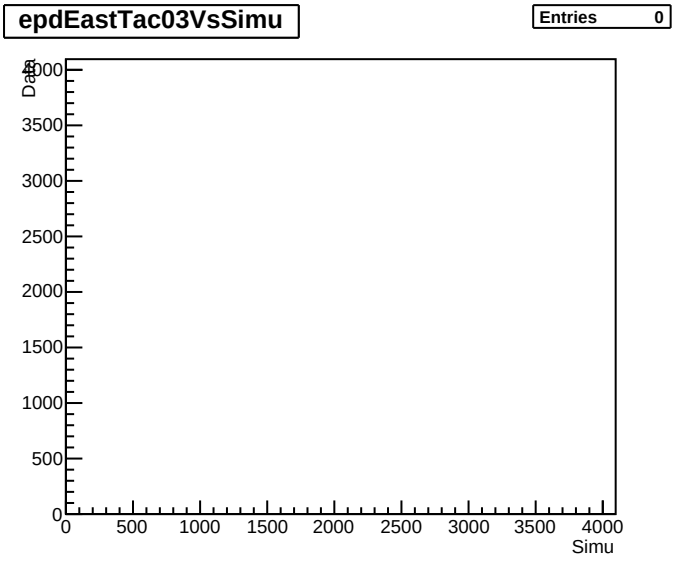

epdWestTacMax
Entries 1560184
TAC
DSM Input Channel

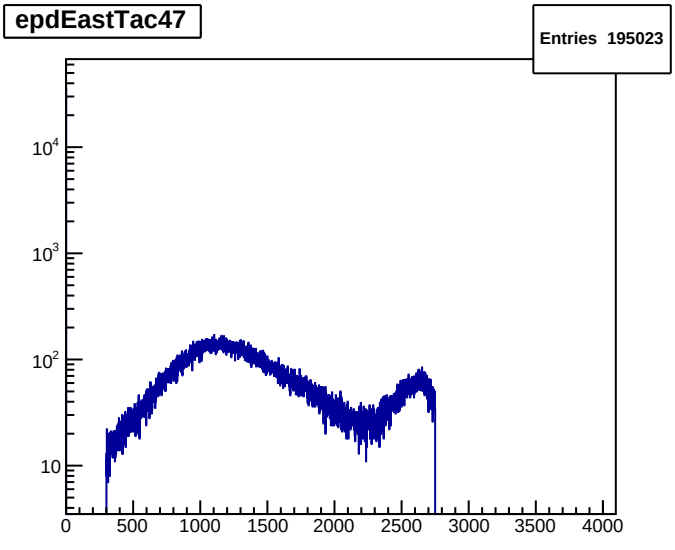

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

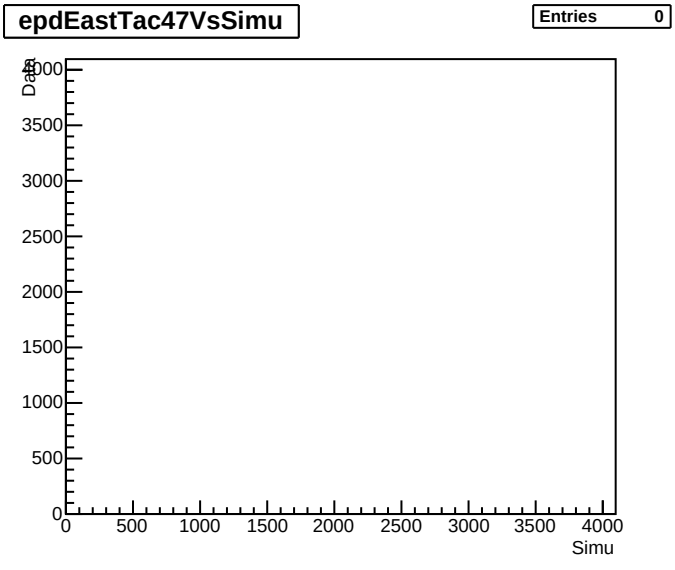

epdWestTHits
Entries 1560184
Truncated NHits
DSMInput Channel

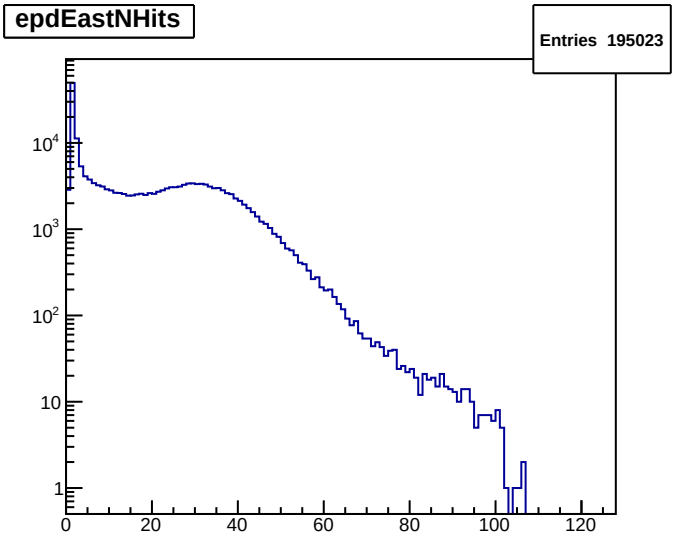

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

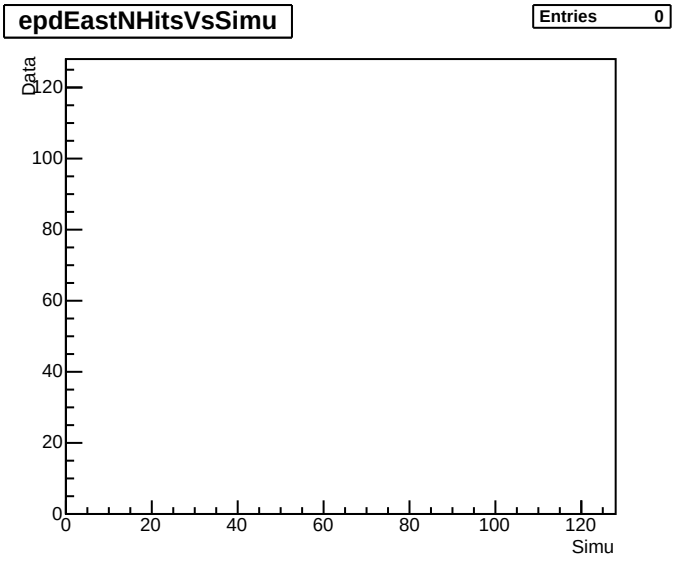

epdEastTac03
Entries 195023


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 195023


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 195023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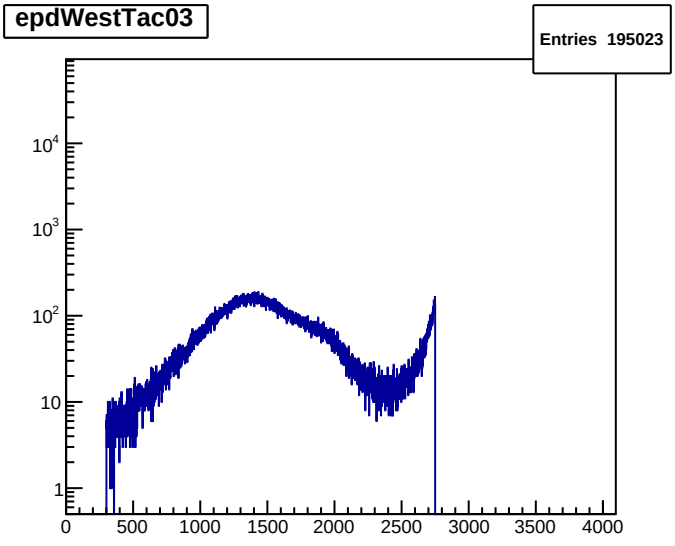
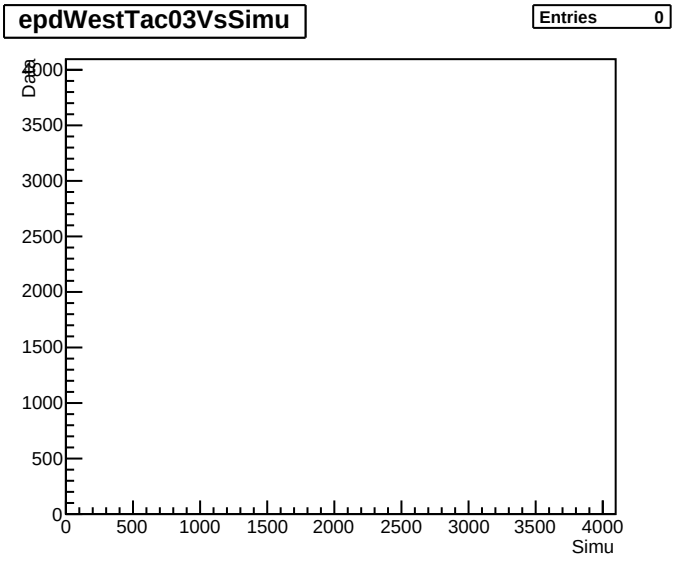
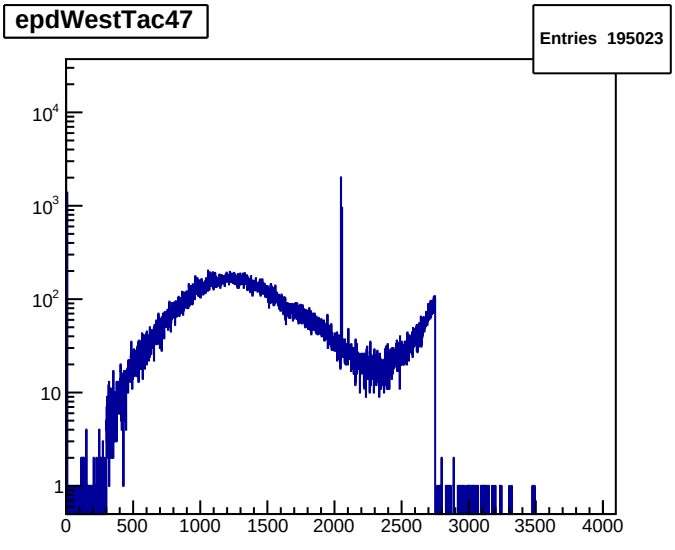
Entries 0
Data
Simu


epdWestTac03
Entries 195023


epdWestTac03VsSimu
Entries 0
Data
Simu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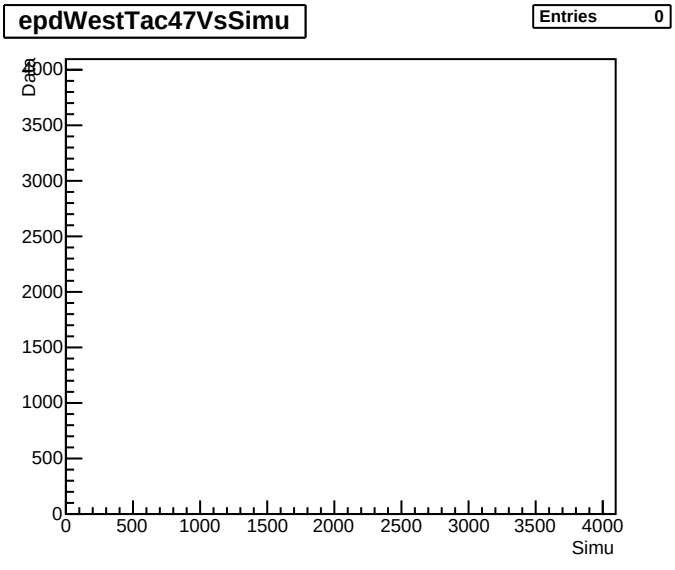
Entries 195023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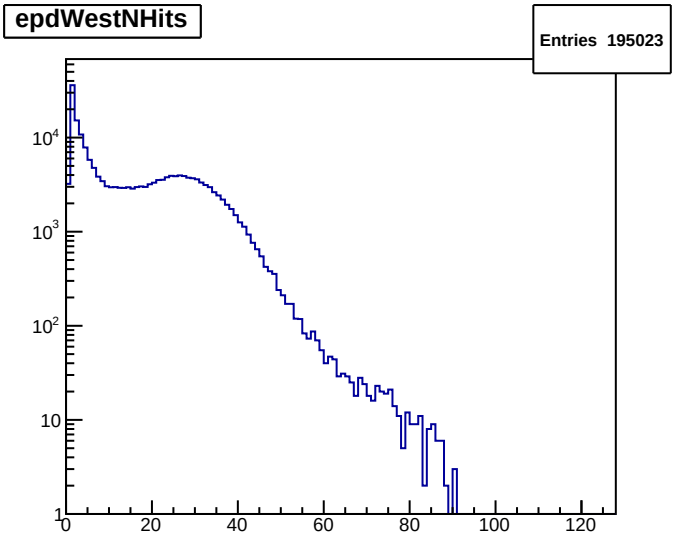
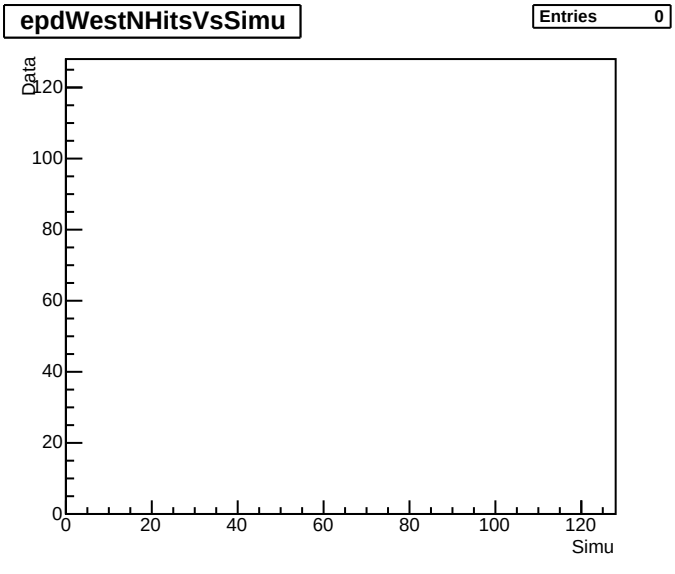
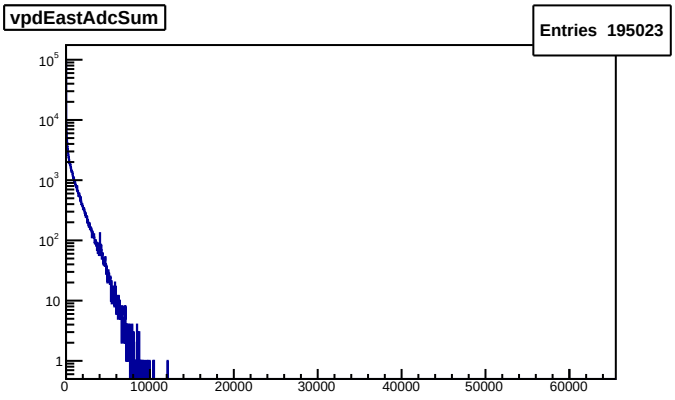
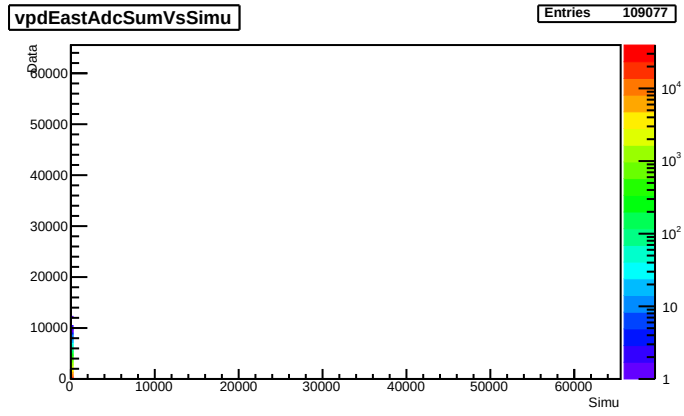
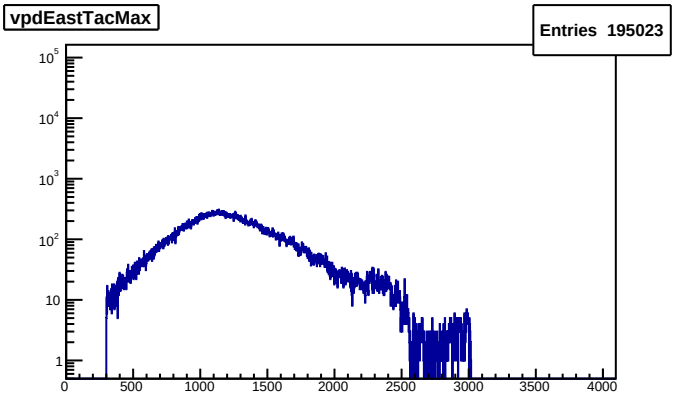
Entries 0
Data
Simu

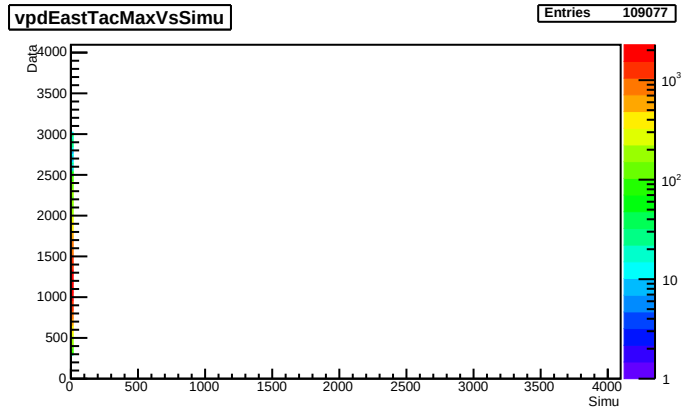

epdWestNHits
Entries 195023

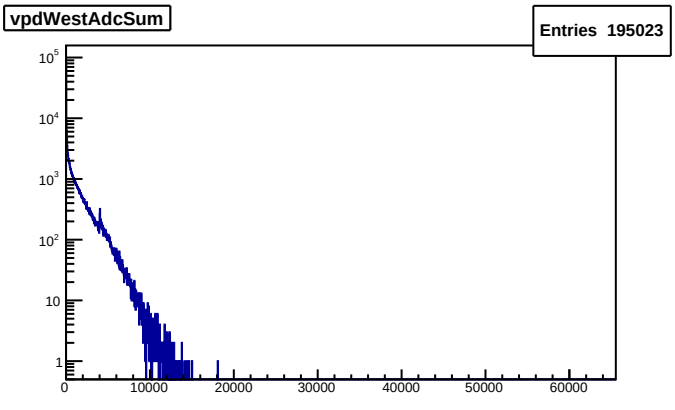

epdWestNHitsVsSimu
Entries 0
Data
Simu

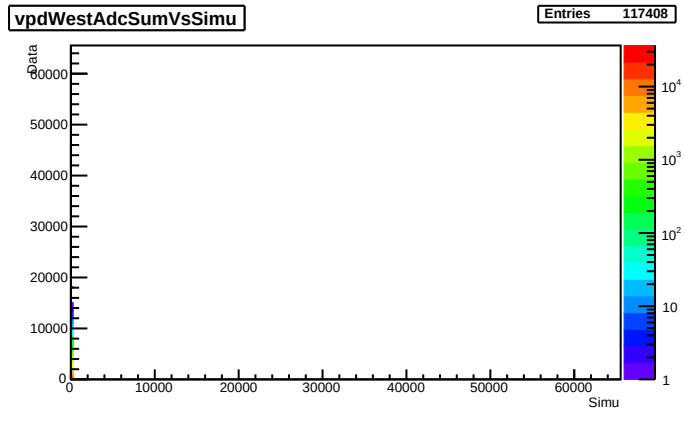

vpdEastAdcSum
Entries 195023

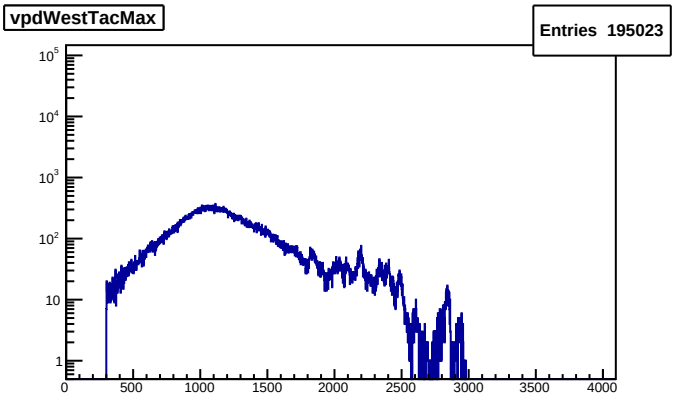

vpdEastAdcSumVsSimu
Entries 109077
Data
Simu

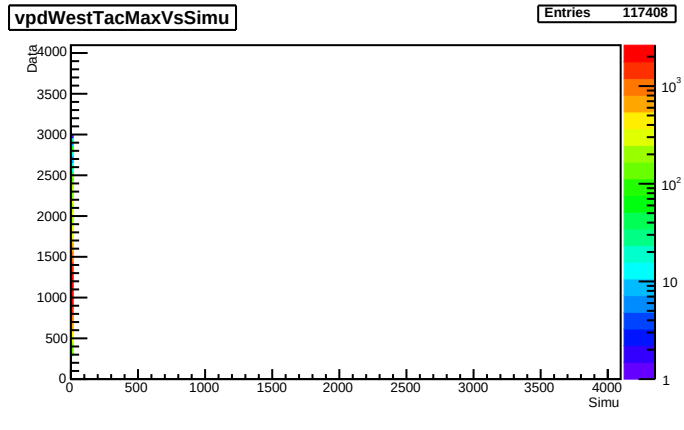

vpdEastTacMax
Entries 195023

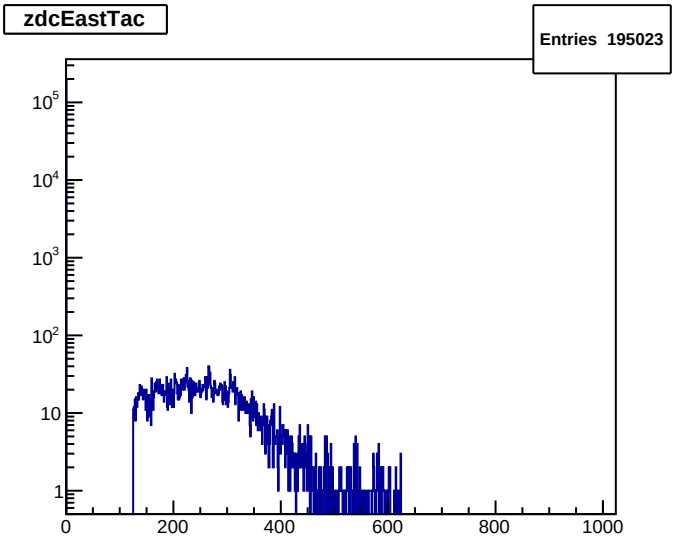

vpdEastTacMaxVsSimu
Entries 109077
Data
Simu

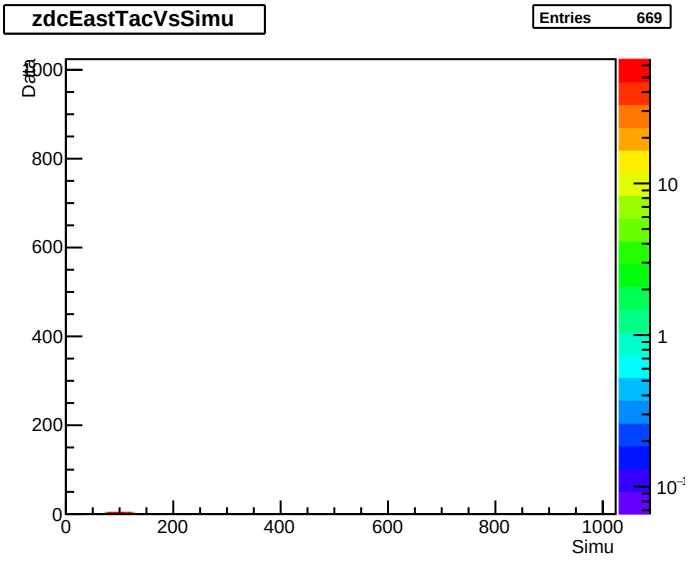

vpdWestAdcSum
Entries 195023

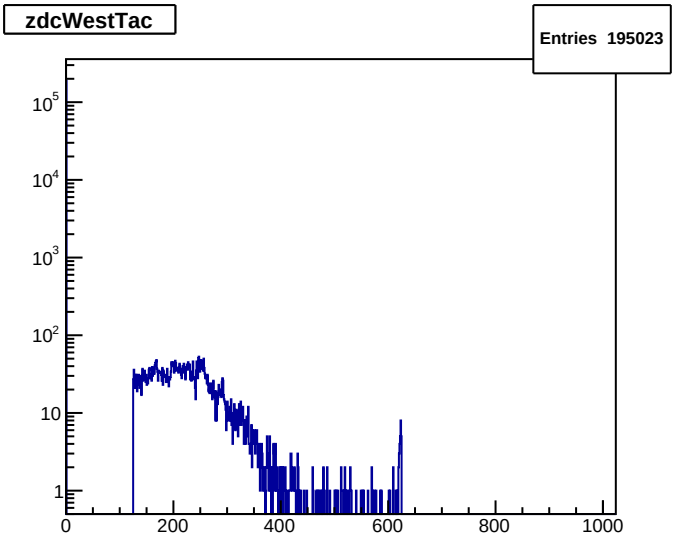

vpdWestAdcSumVsSimu
Entries 117408
Data
Simu

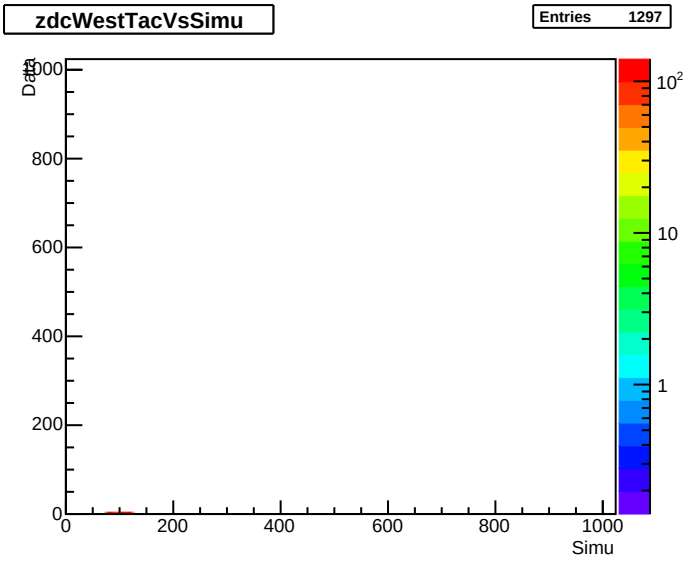

vpdWestTacMax
Entries 195023

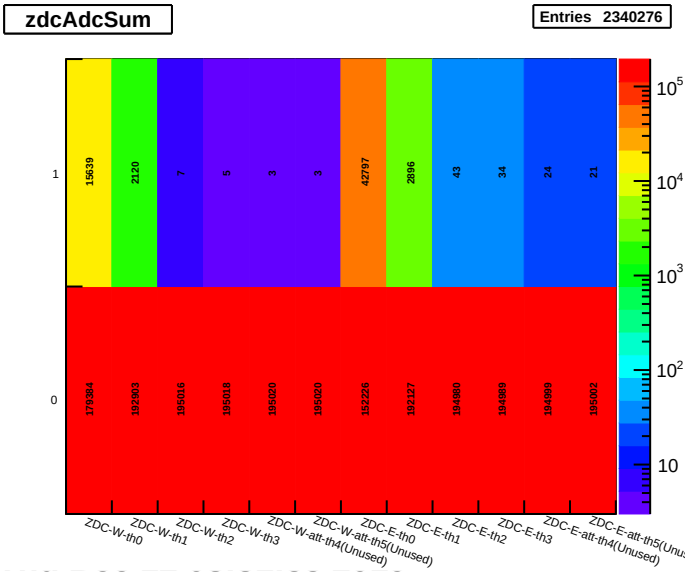

vpdWestTacMaxVsSimu
Entries 117408
Data
Simu

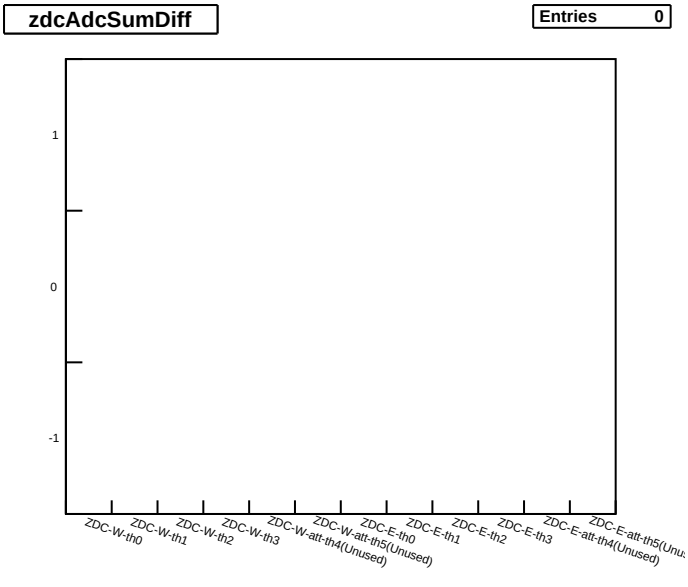

zdcEastTac
Entries 195023

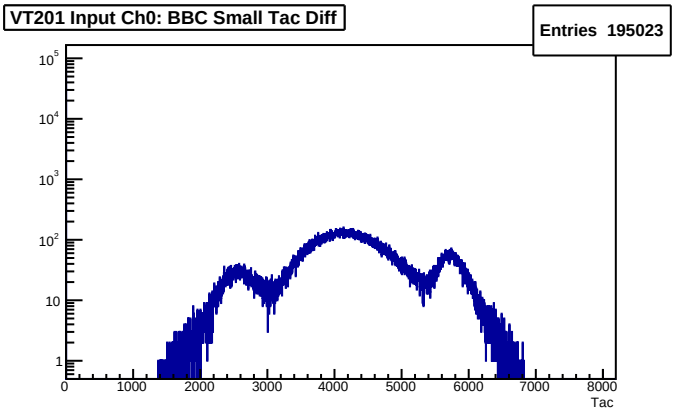

zdcEastTacVsSimu
Entries 669
Data
Simu

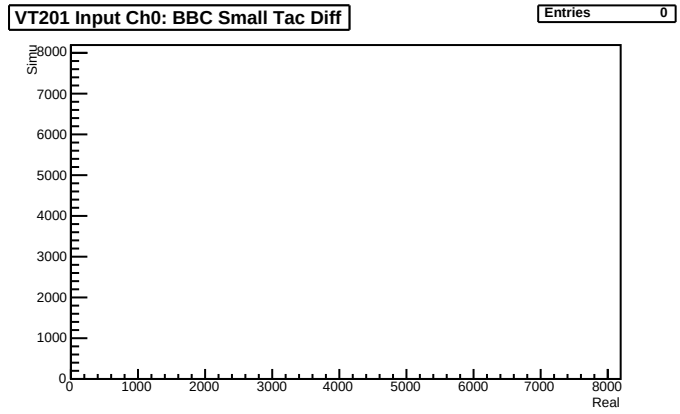

zdcWestTac
Entries 195023

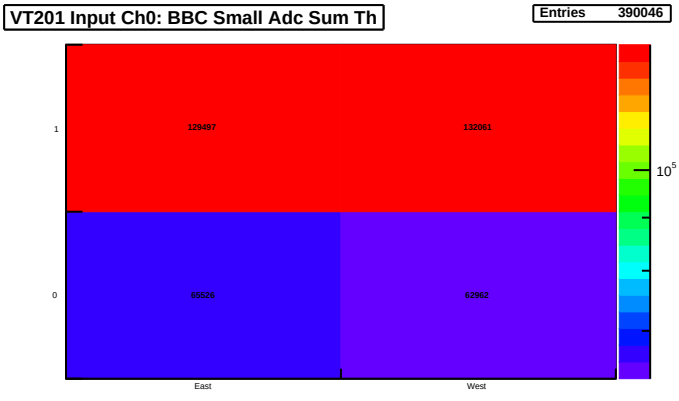

zdcWestTacVsSimu
Entries 1297
Data
Simu

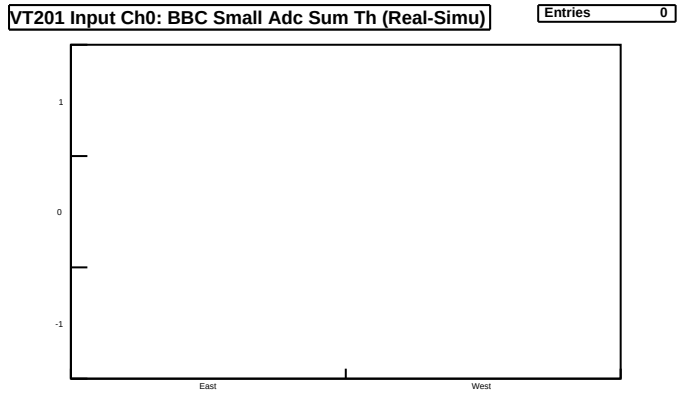

zdcAdcSum
Entries 2340276
15639
2120
7
5
3
3
42797
2896
43
34
24
21
179384
192803
195016
195018
195020
195020
152226
192127
194880
194889
194999
195002
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

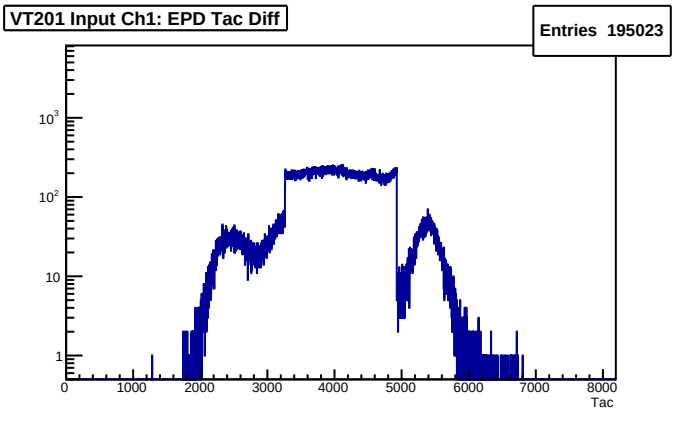

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

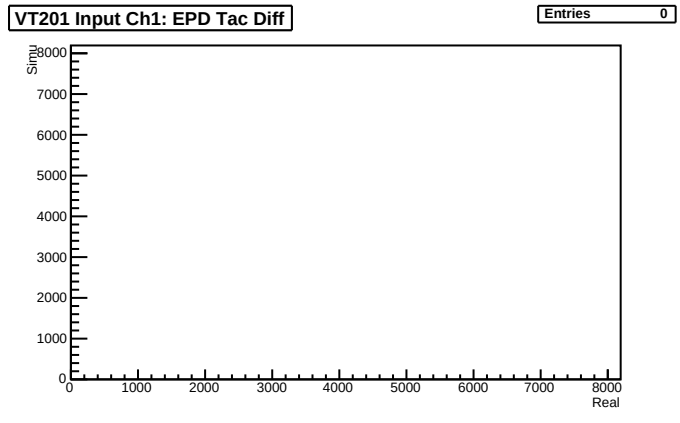

VT201 Input Ch0: BBC Small Tac Diff
Entries 195023
Tac

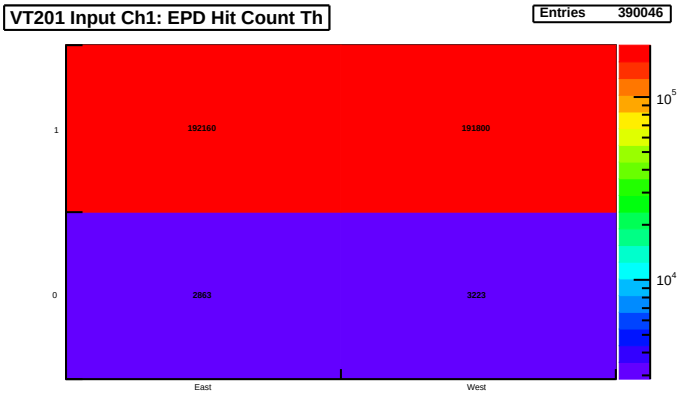

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

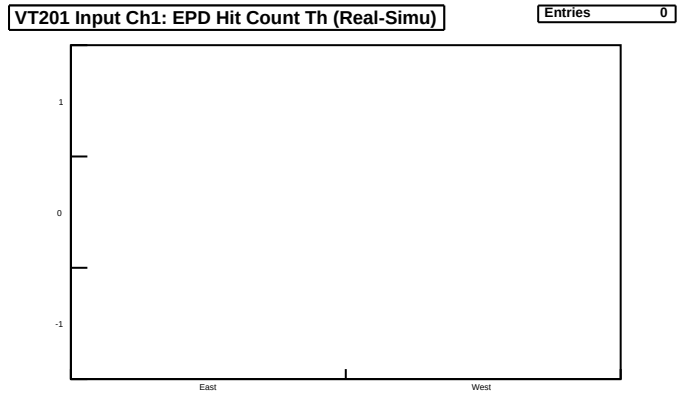

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 390046
129497
132061
65526
62962
East
West

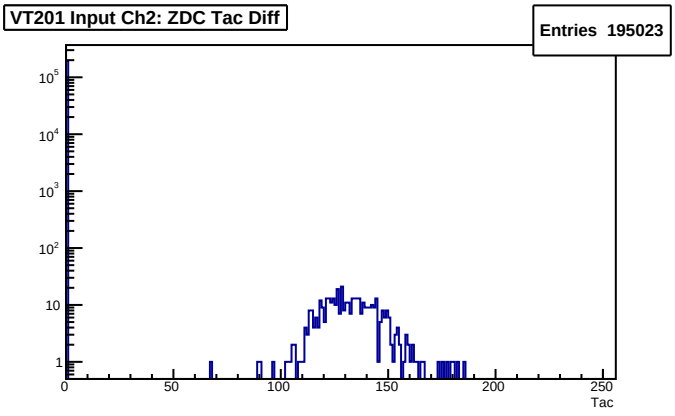

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

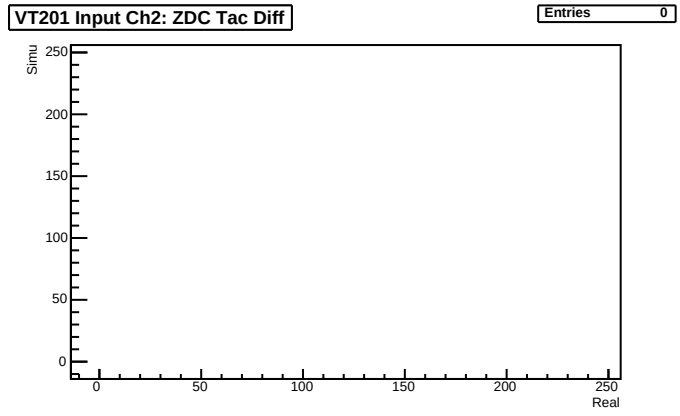

VT201 Input Ch1: EPD Tac Diff
Entries 195023
Tac

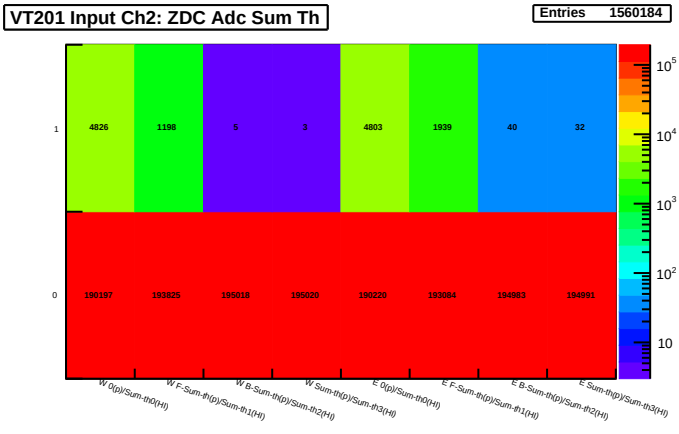

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

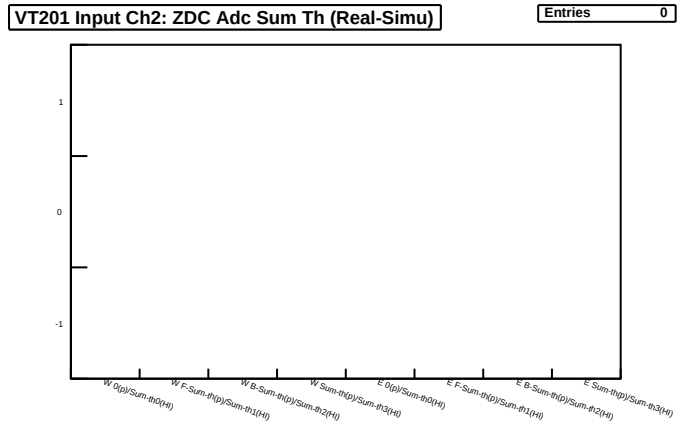

VT201 Input Ch1: EPD Hit Count Th
Entries 390046
192160
191800
2863
3223
East
West

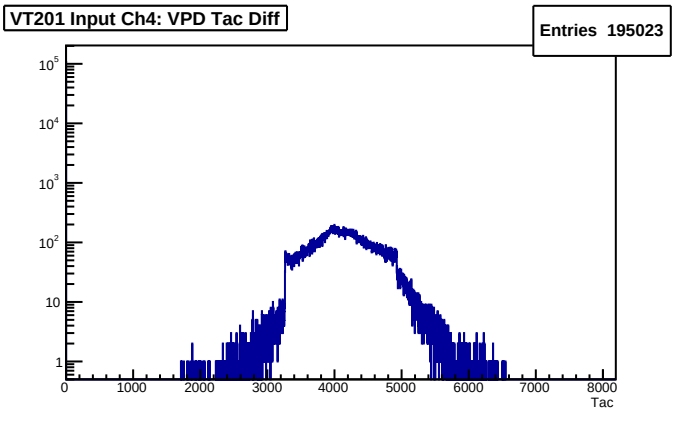

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

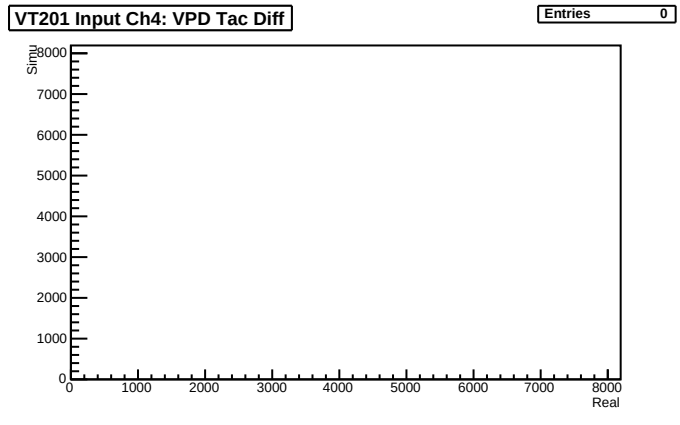

VT201 Input Ch2: ZDC Tac Diff
Entries 195023
Tac

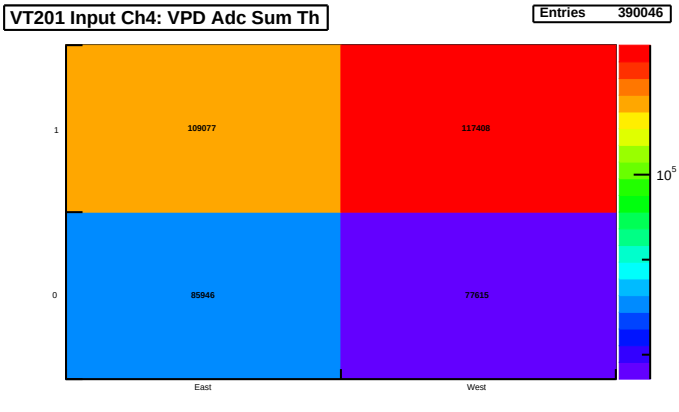

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

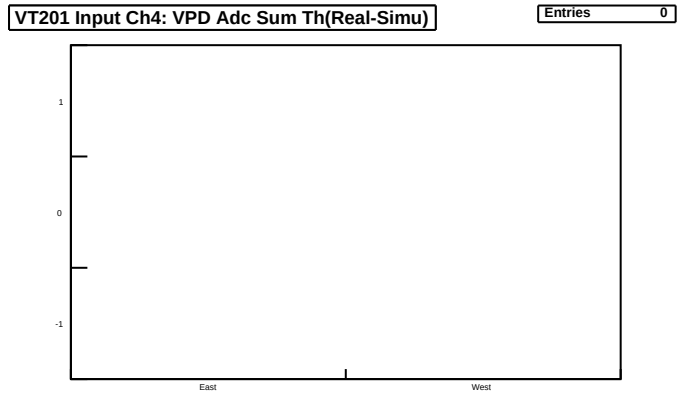

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1560184
4826
1198
5
3
4803
1939
40
32
190197
193825
195018
195020
190220
193084
194983
194991
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

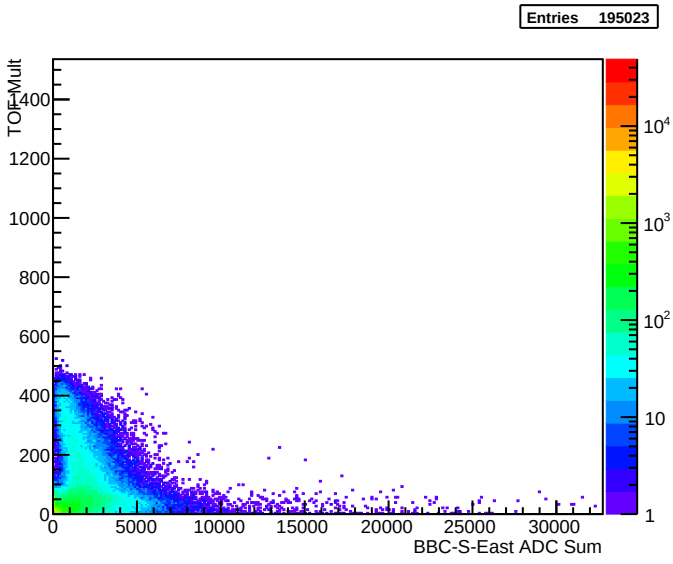

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

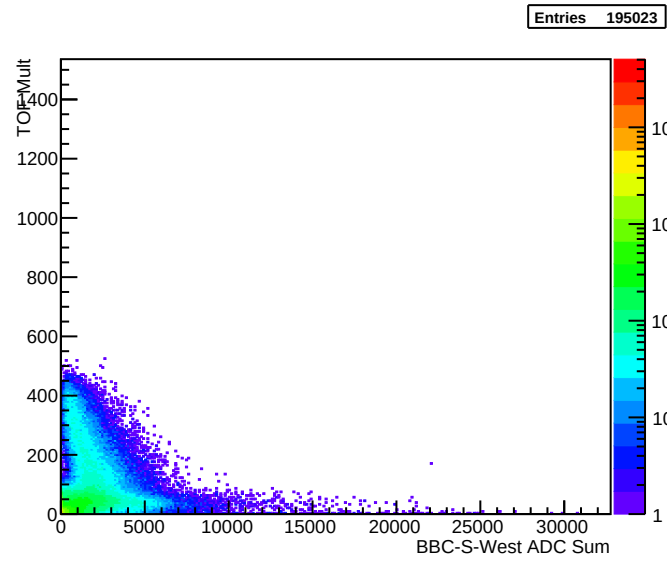

VT201 Input Ch4: VPD Tac Diff
Entries 195023
Tac

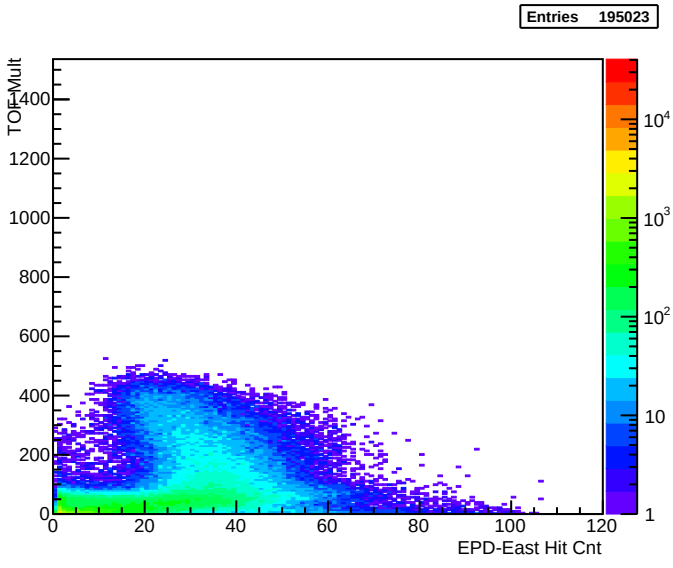

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

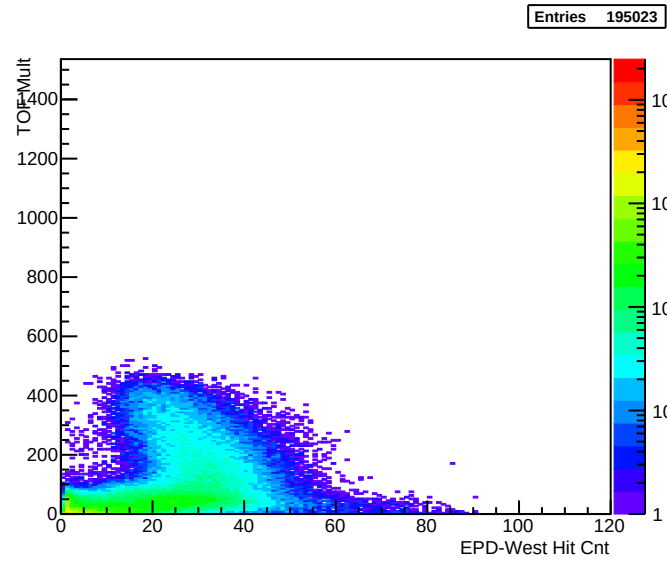

VT201 Input Ch4: VPD Adc Sum Th
Entries 390046
109077
117408
85946
77615
East
West

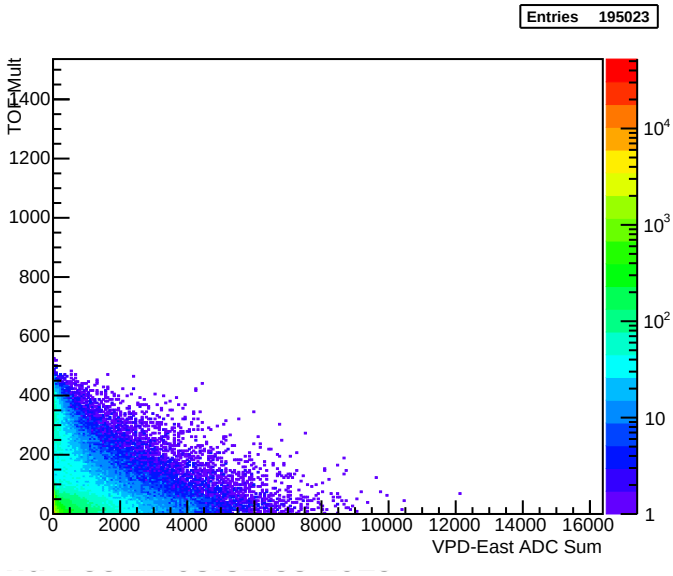

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

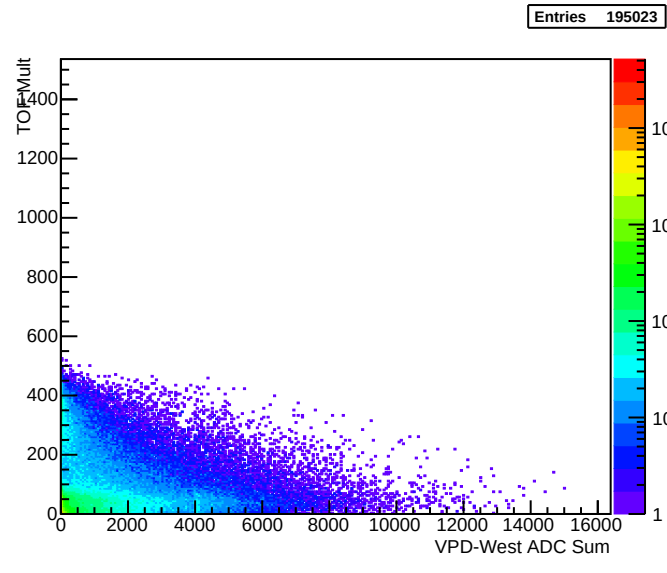

Entries 195023
TOF-Mult
BBC-S-East ADC Sum

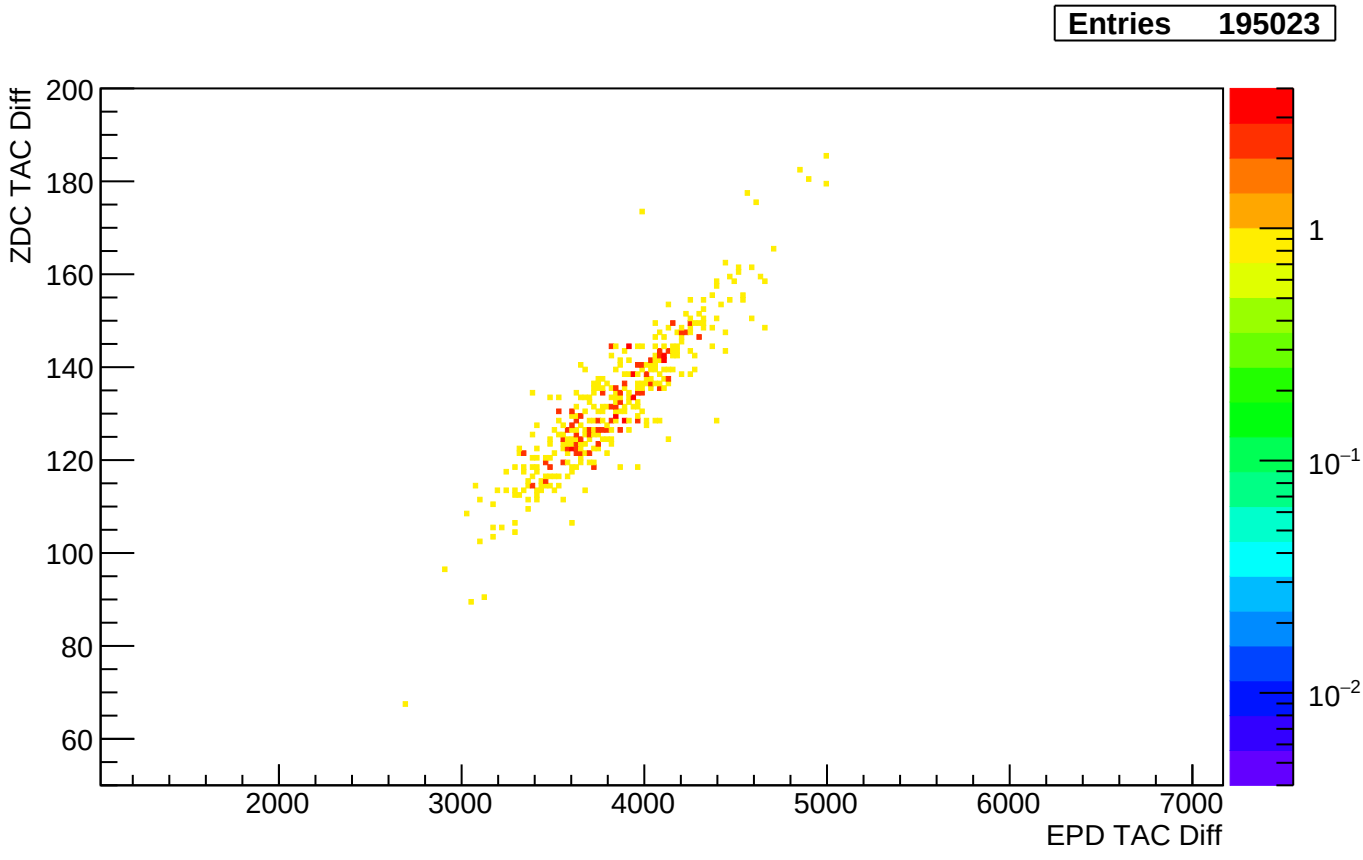

Entries 195023
TOF-Mult
BBC-S-West ADC Sum

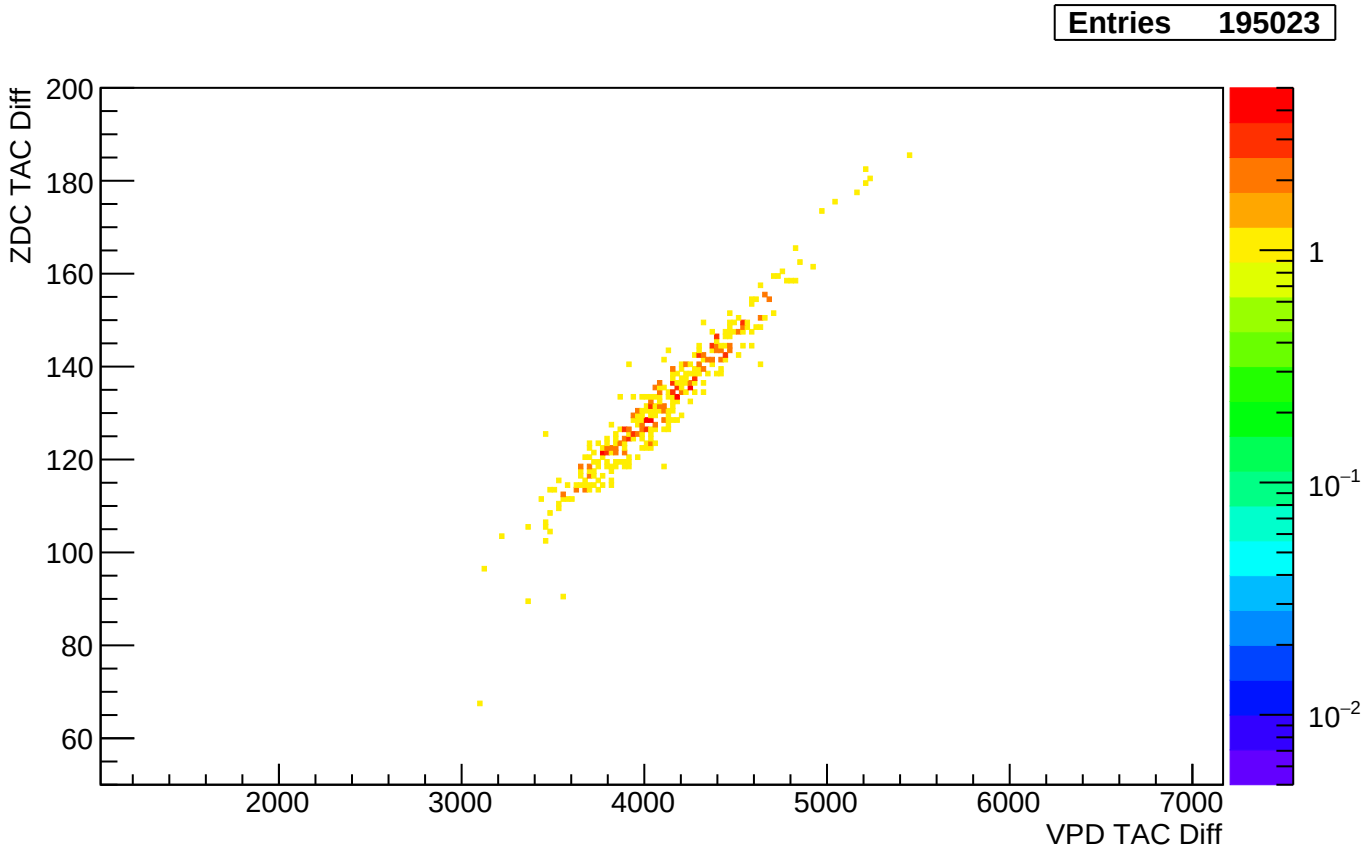

Entries 195023
TOF-Mult
EPD-East Hit Cnt

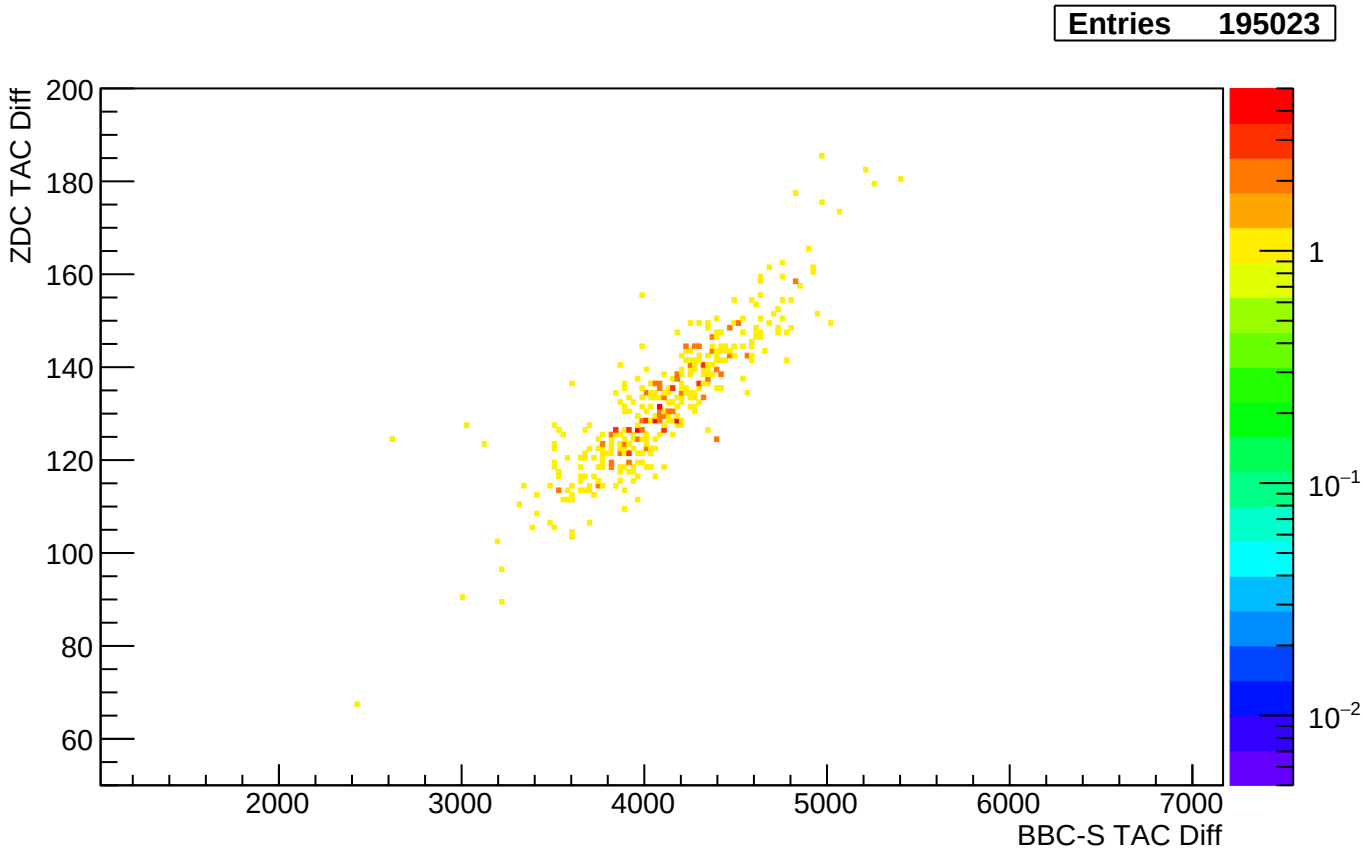

Entries 195023
TOF-Mult
EPD-West Hit Cnt

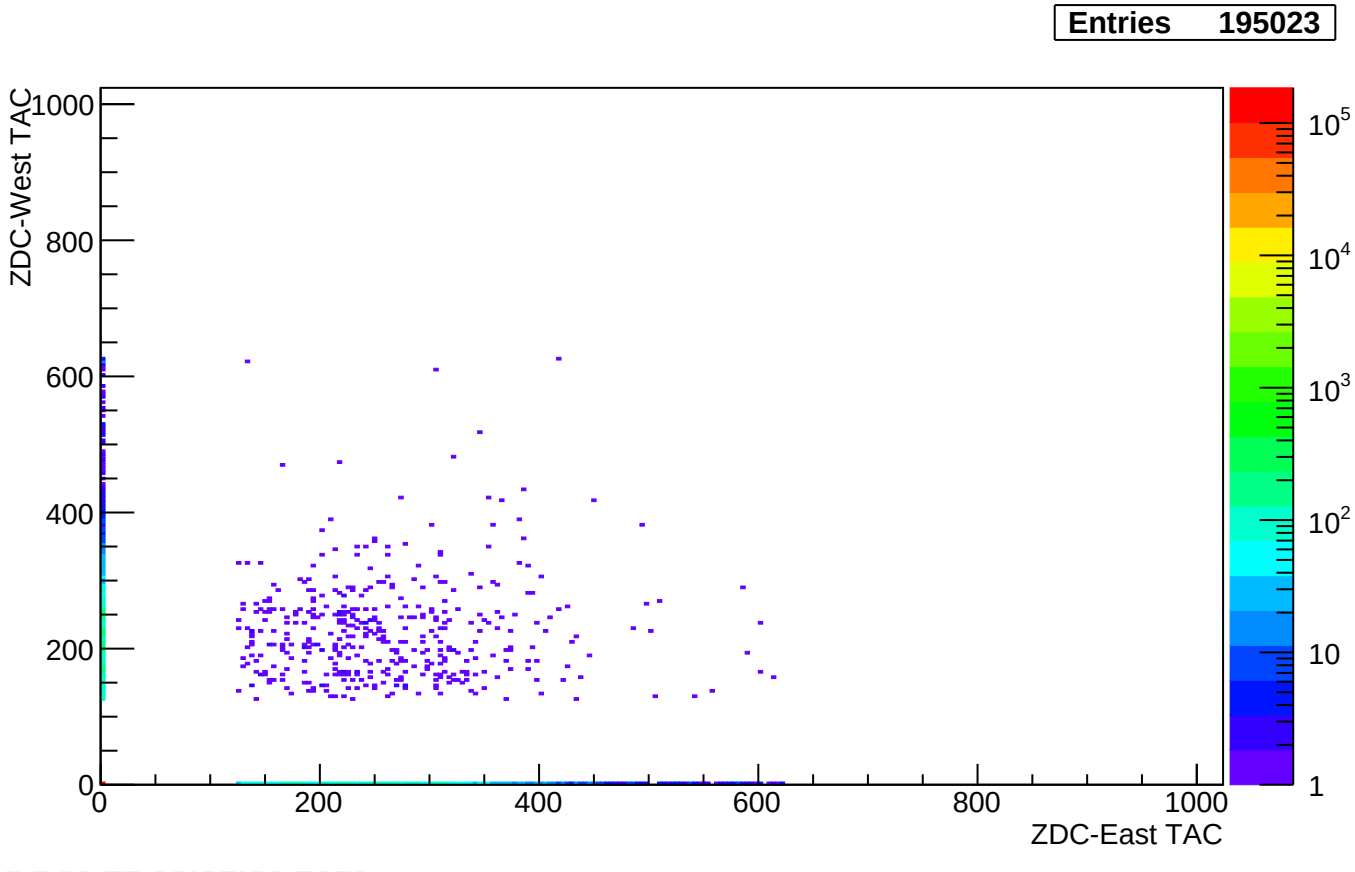

Entries 195023
TOF-Mult
VPD-East ADC Sum

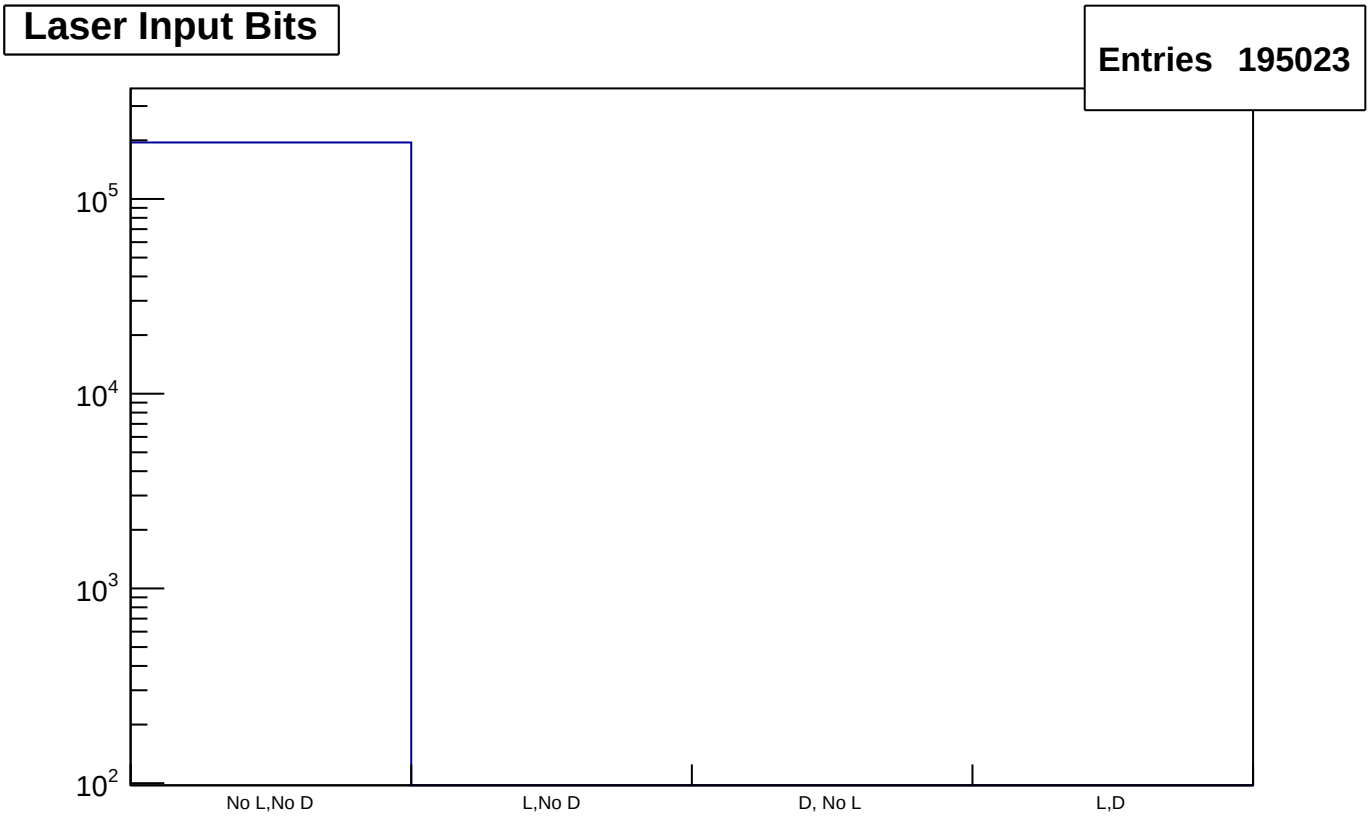

Entries 195023
TOF-Mult
VPD-West ADC Sum

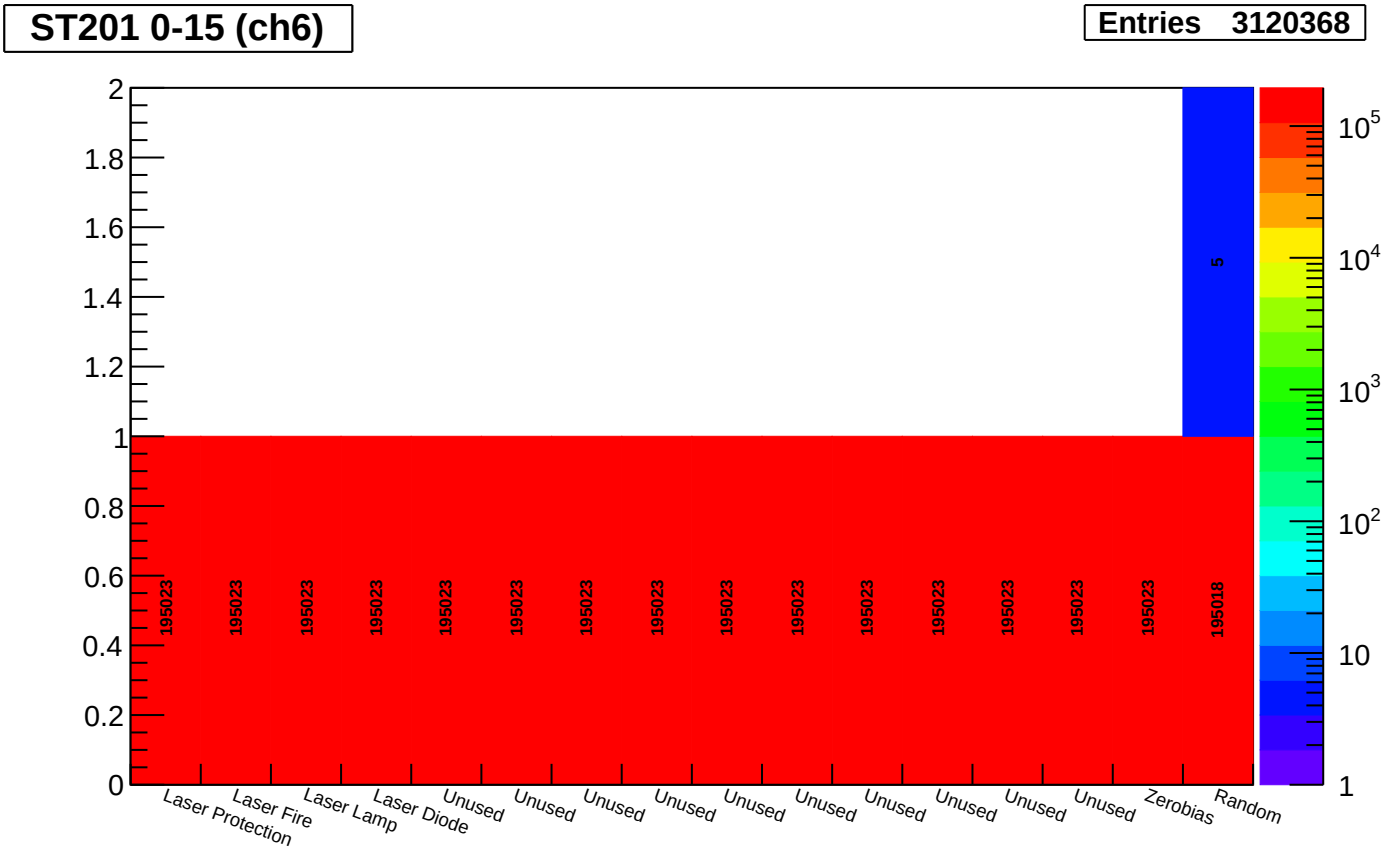

Entries 195023
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

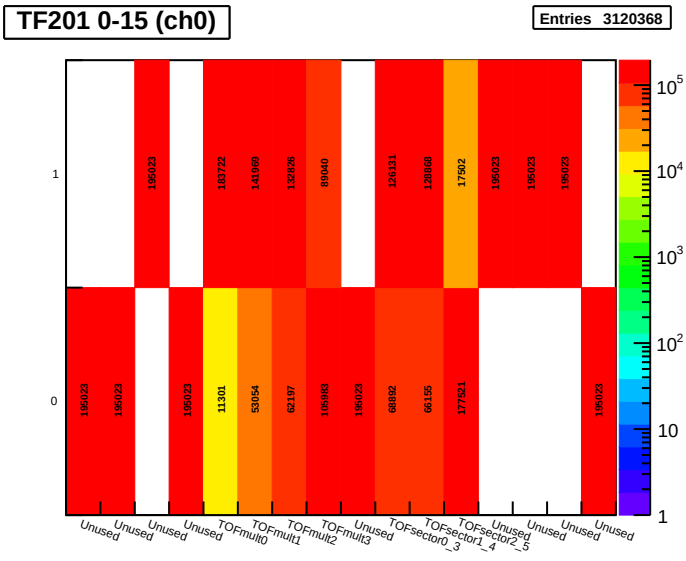

Entries 195023
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

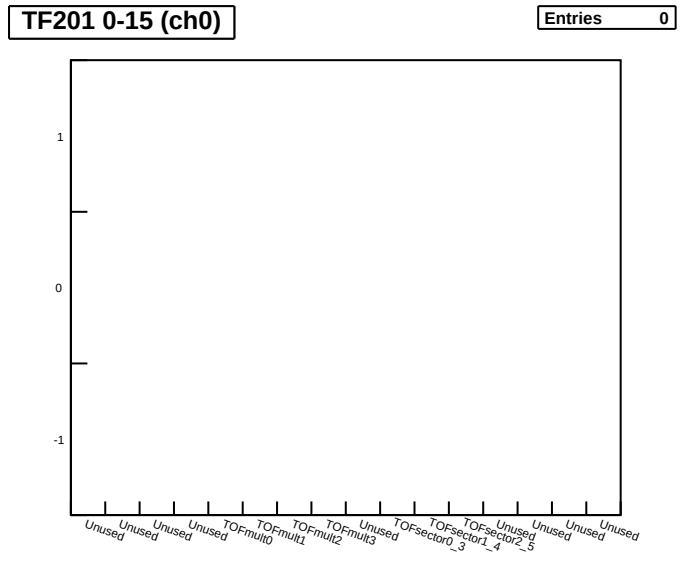

Entries 195023
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

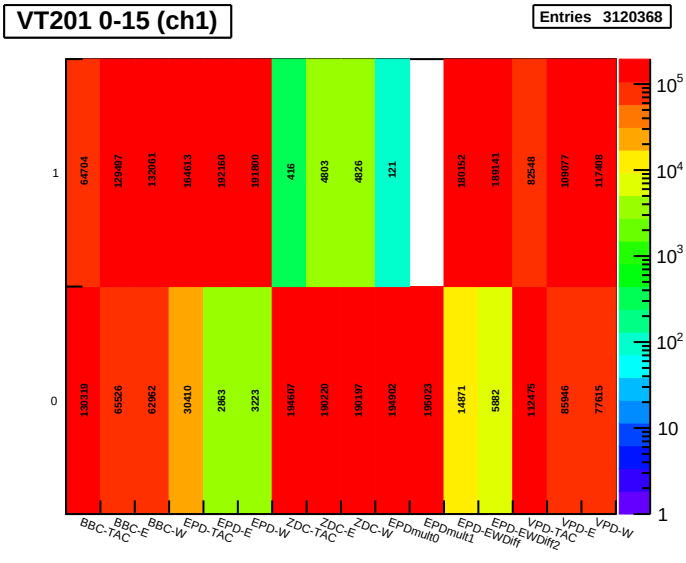

Entries 195023
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

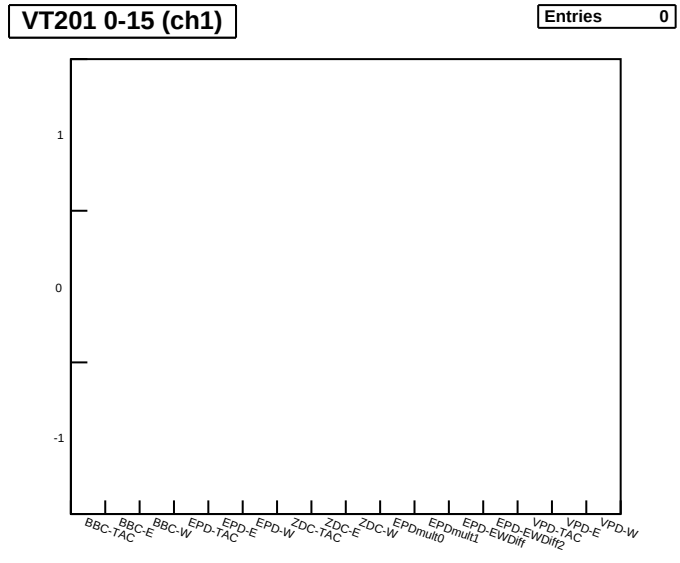

Laser Input Bits
Entries 195023
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

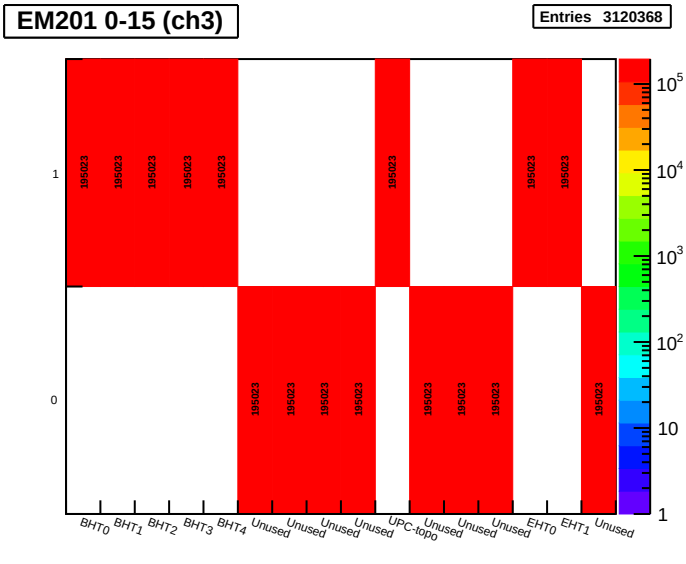

ST201 0-15 (ch6)
Entries 3120368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5
195023
195018
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

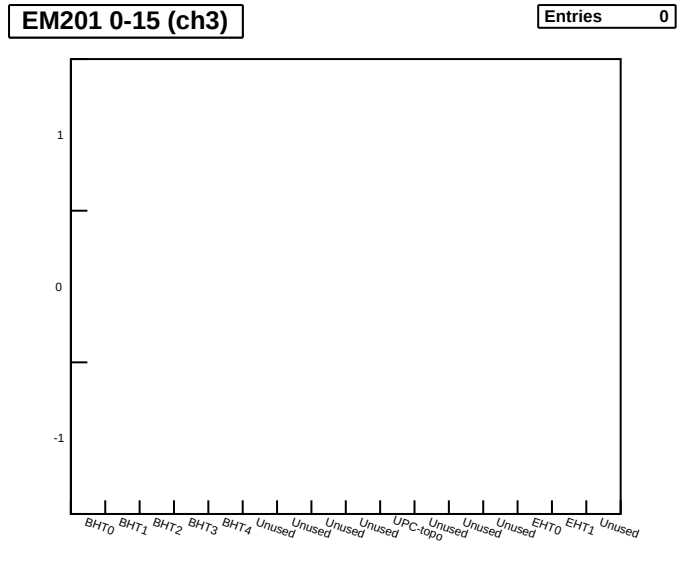

TF201 0-15 (ch0)
Entries 3120368
1
0
195023 195023 195023 195023 163722 141969 132826 89040 126131 128868 17502 195023 195023 195023
195023 195023 195023 11301 53054 62197 105983 195023 68892 66155 177521 195023
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 3120368
1
0
64704 129497 132061 164613 192160 191800 416 4803 4826 121 180152 189141 82548 109077 117408
130319 65526 62962 30410 2863 3223 194607 190220 190197 194902 195023 14871 5882 112475 85946 77615
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 3120368
1
0
195023 195023 195023 195023 195023 195023 195023 195023 195023
195023 195023 195023 195023 195023 195023 195023 195023
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