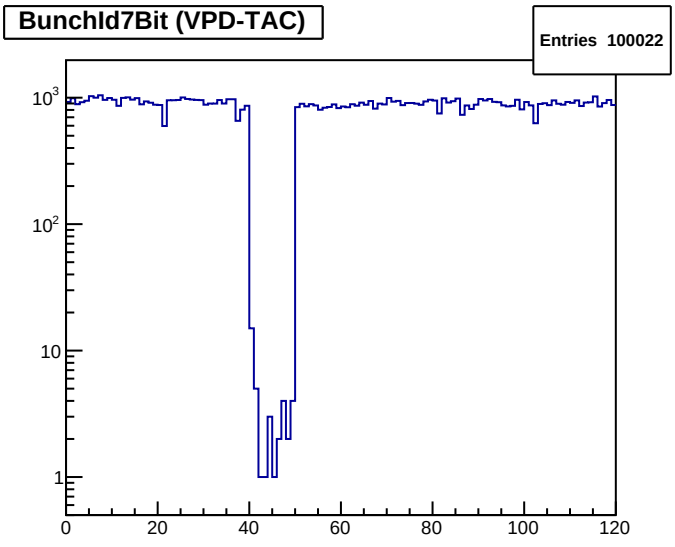
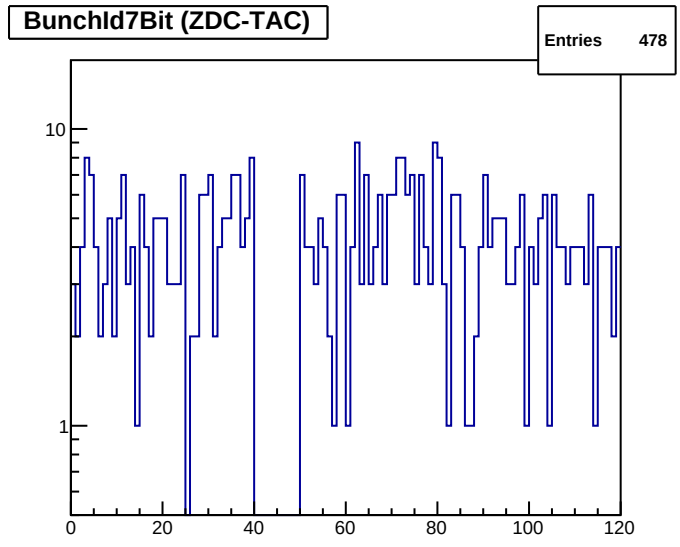
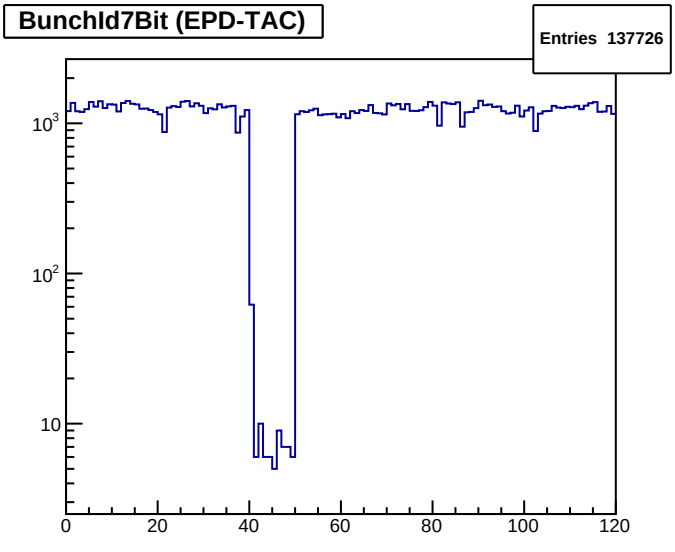
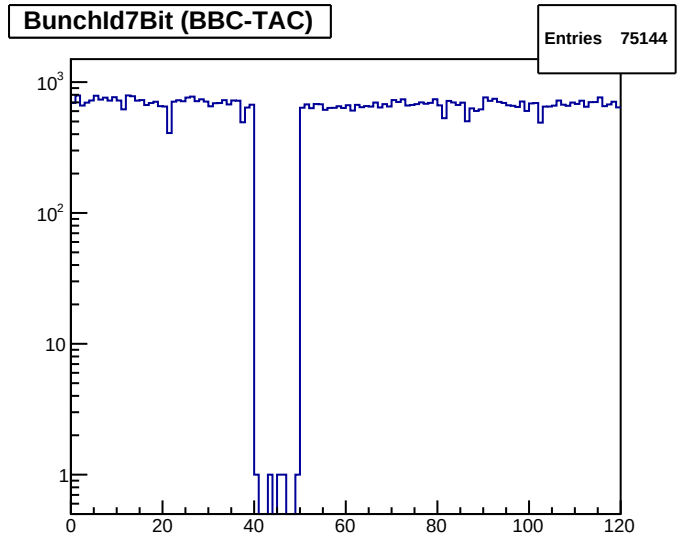
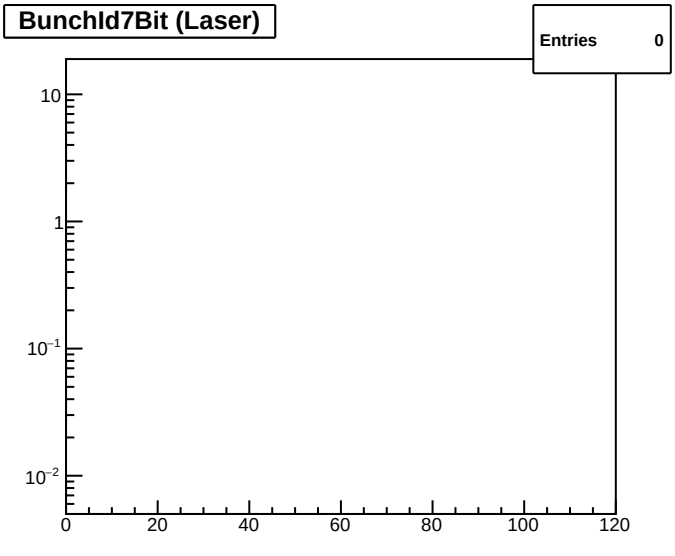
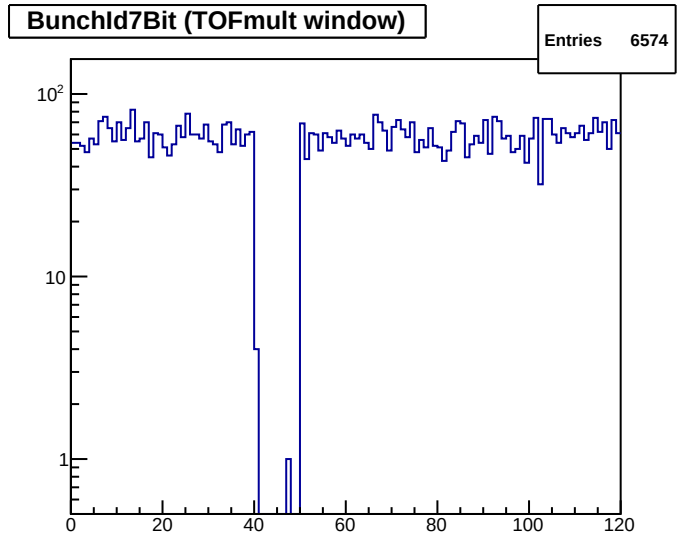

BunchId7Bit (VPD-TAC)
Entries 100022

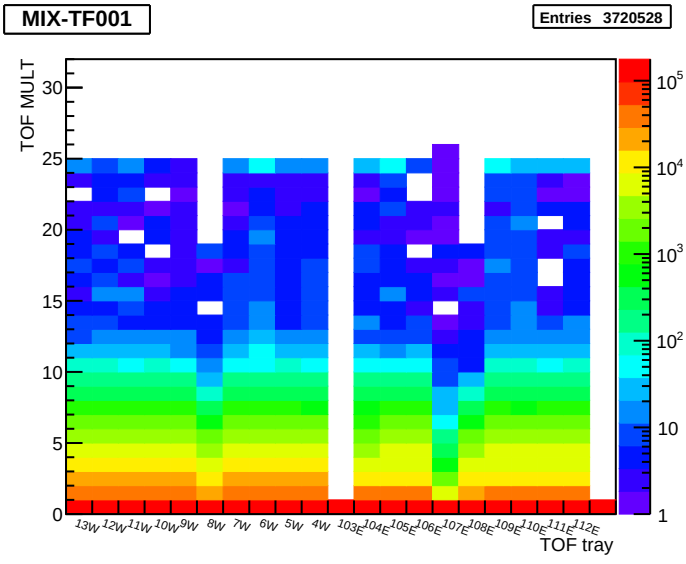

BunchId7Bit (ZDC-TAC)
Entries 478

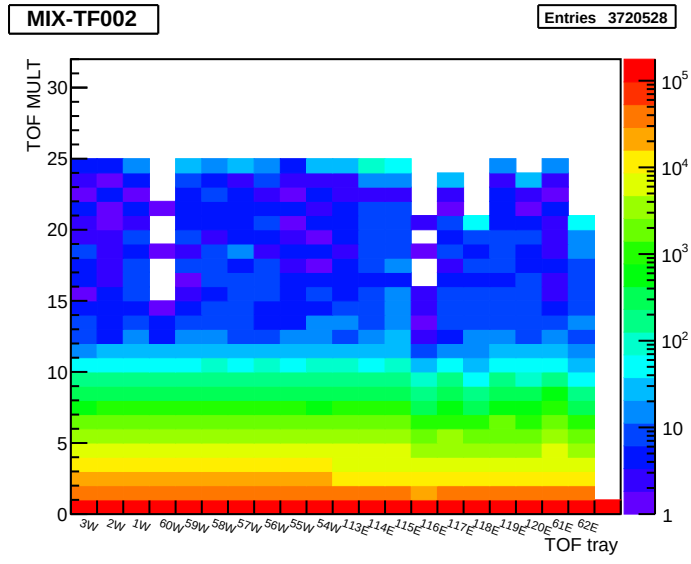

BunchId7Bit (EPD-TAC)
Entries 137726

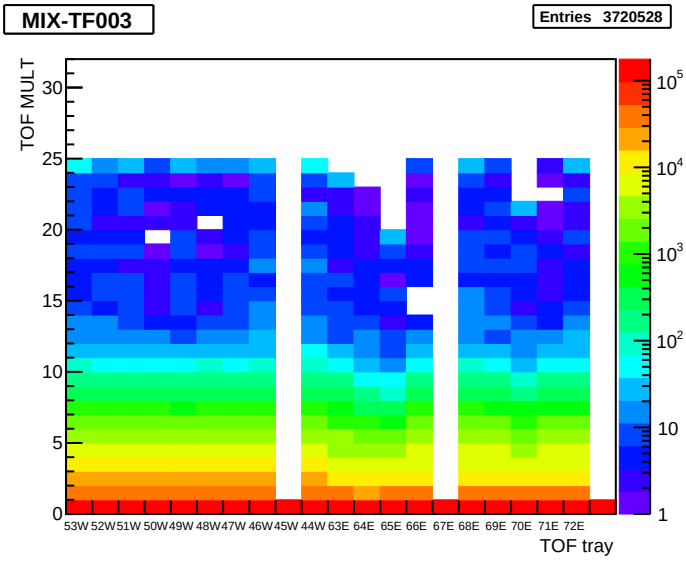

BunchId7Bit (BBC-TAC)
Entries 75144

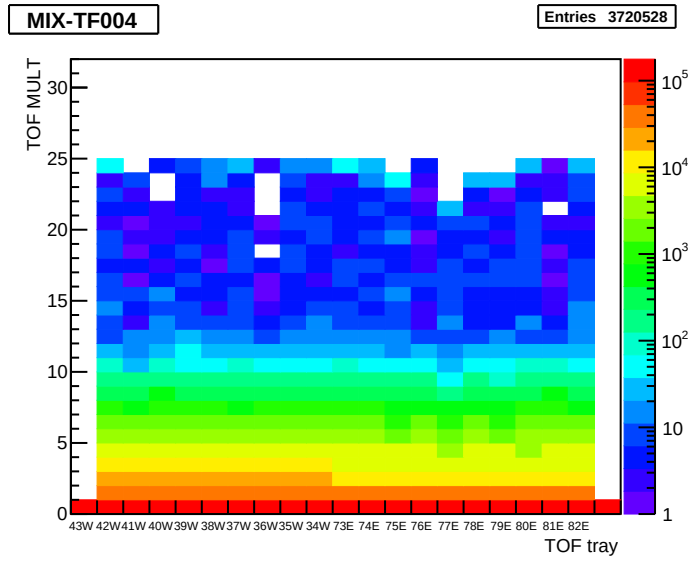

BunchId7Bit (Laser)
Entries 0

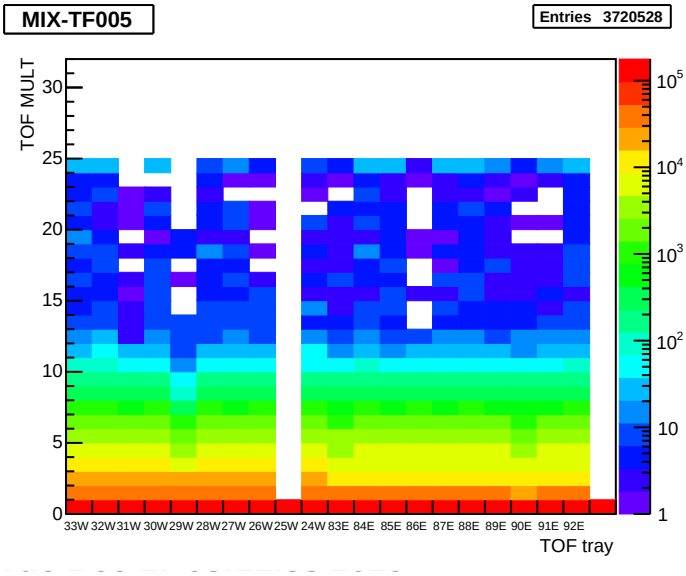

BunchId7Bit (TOFmult window)
Entries 6574

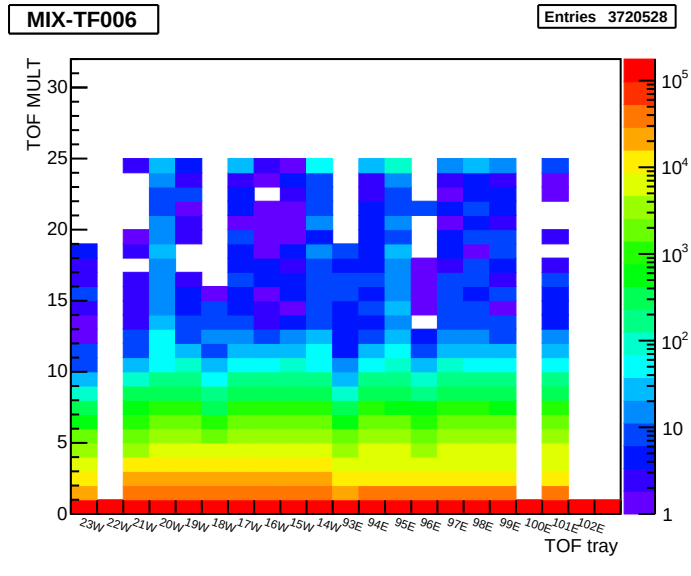

MIX-TF001
Entries 3720528
TOF MULT
TOF tray

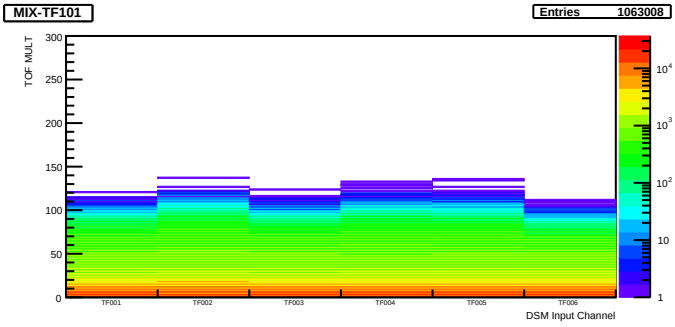

MIX-TF002
Entries 3720528
TOF MULT
TOF tray

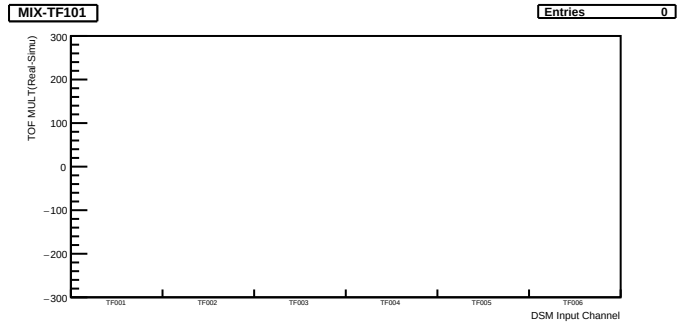

MIX-TF003
Entries 3720528
TOF MULT
TOF tray

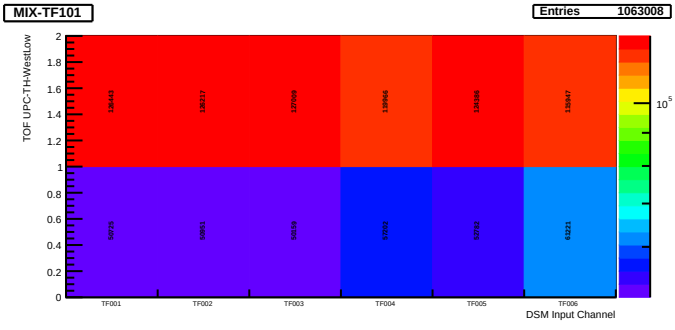

MIX-TF004
Entries 3720528
TOF MULT
TOF tray

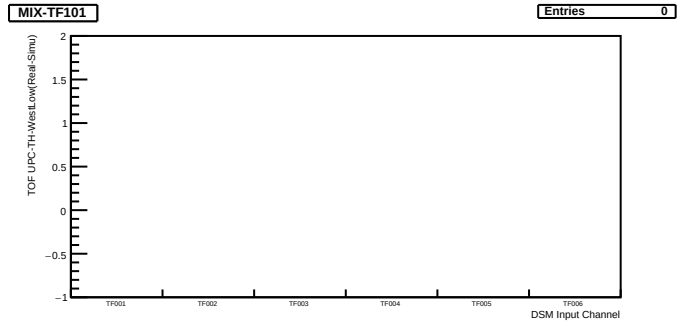

MIX-TF005
Entries 3720528
TOF MULT
TOF tray

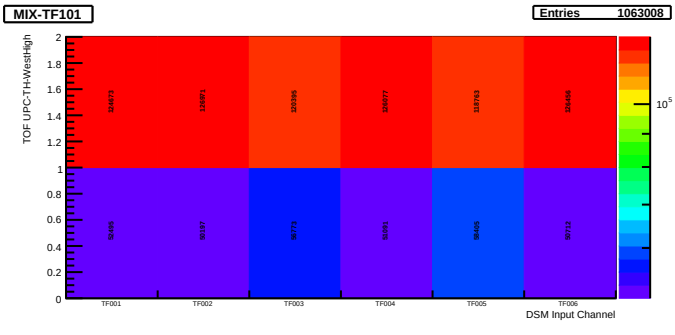

MIX-TF006
Entries 3720528
TOF MULT
TOF tray

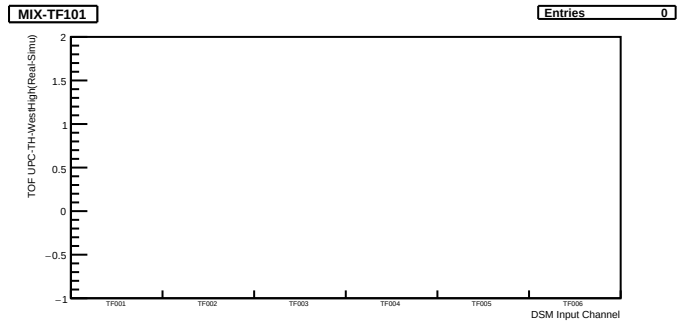

MIX-TF101
Entries 1063008
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

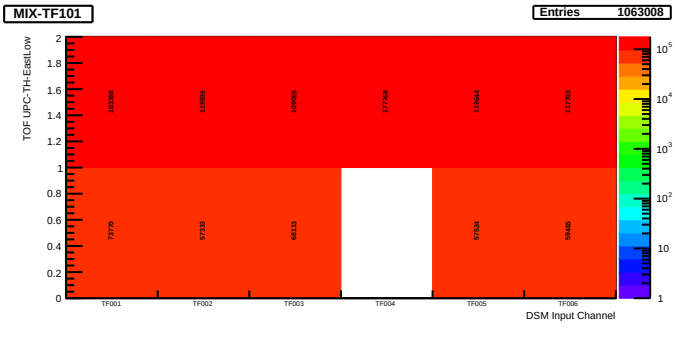

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

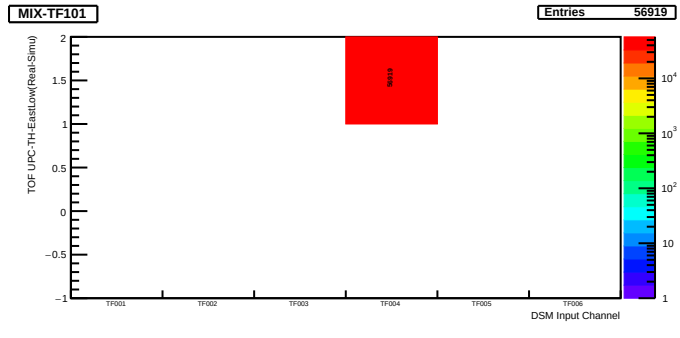

MIX-TF101
Entries 1063008
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

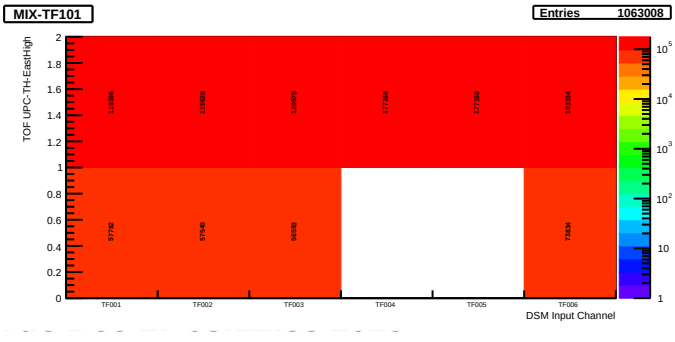

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

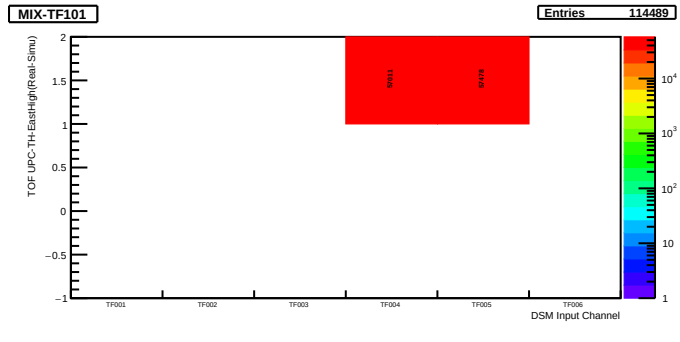

MIX-TF101
Entries 1063008
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

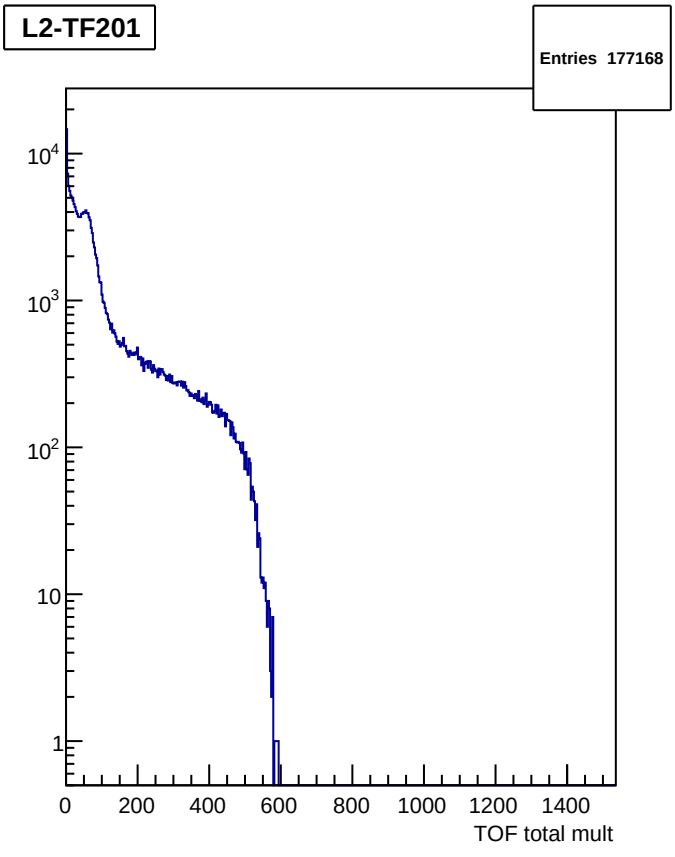

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

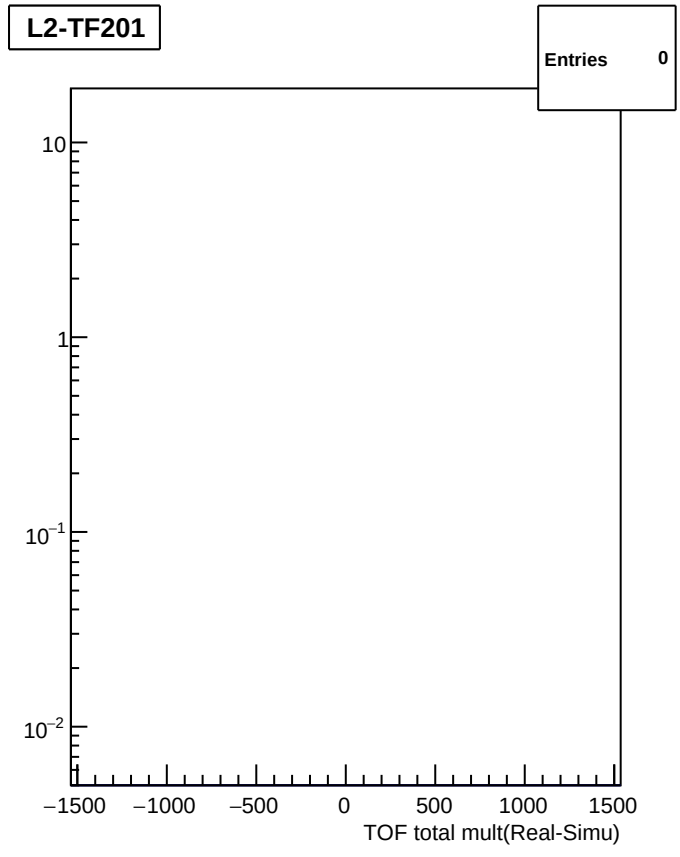

MIX-TF101
Entries 1063008
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

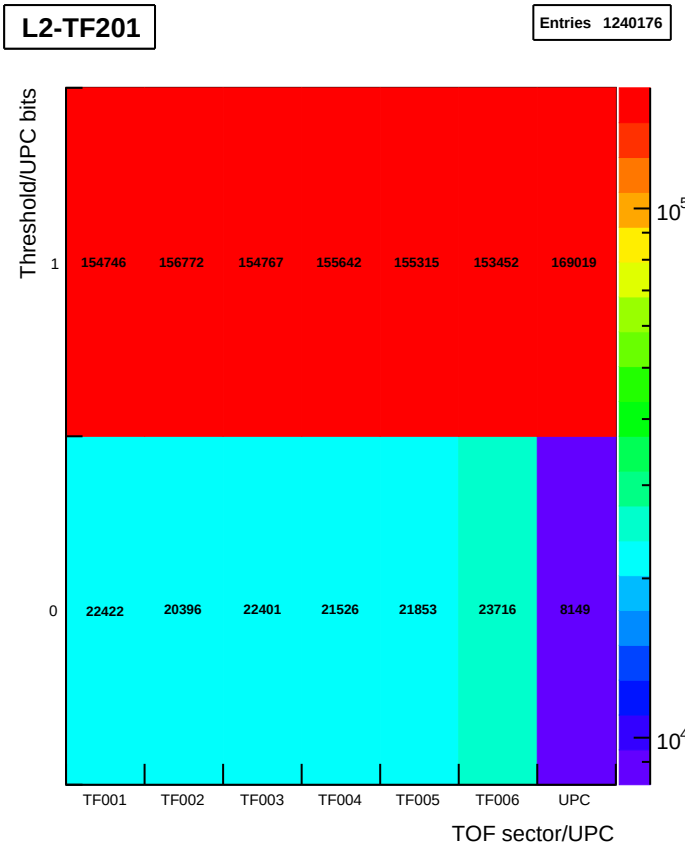

MIX-TF101
Entries 56919
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

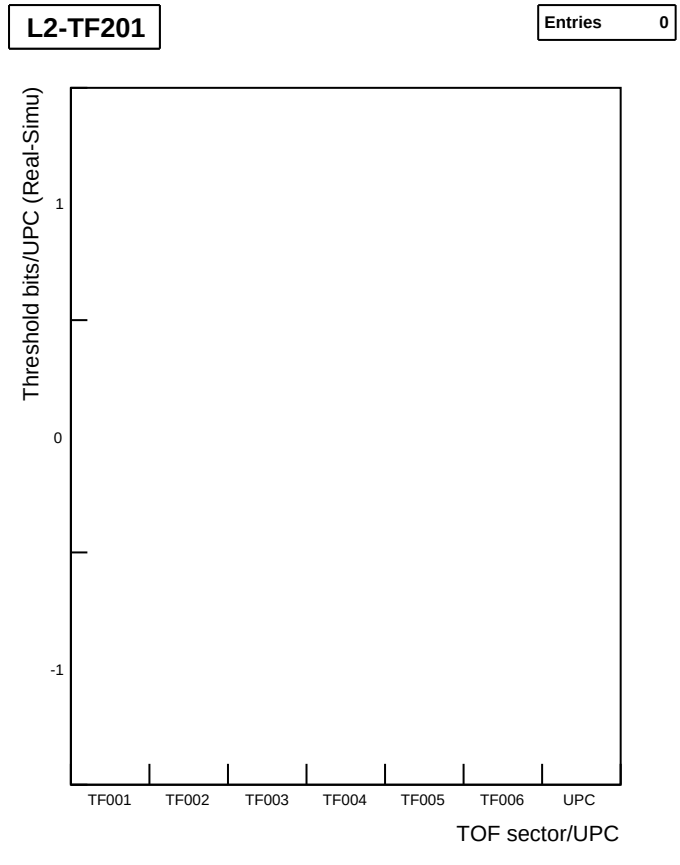

MIX-TF101
Entries 1063008
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

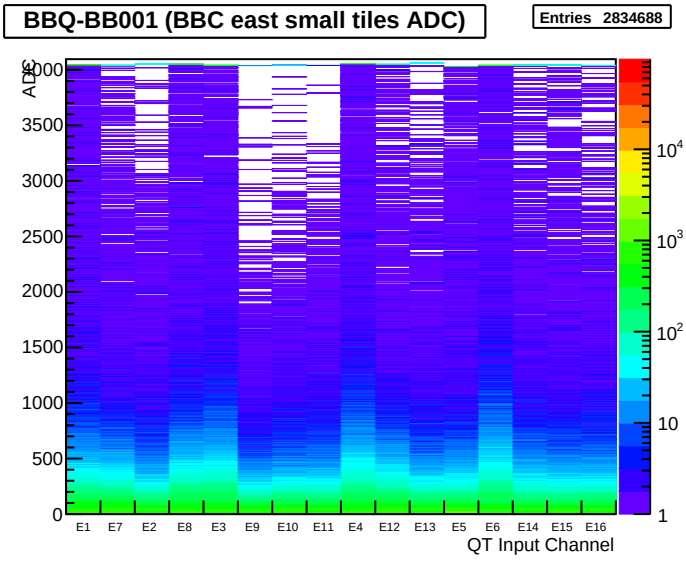

MIX-TF101
Entries 114489
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

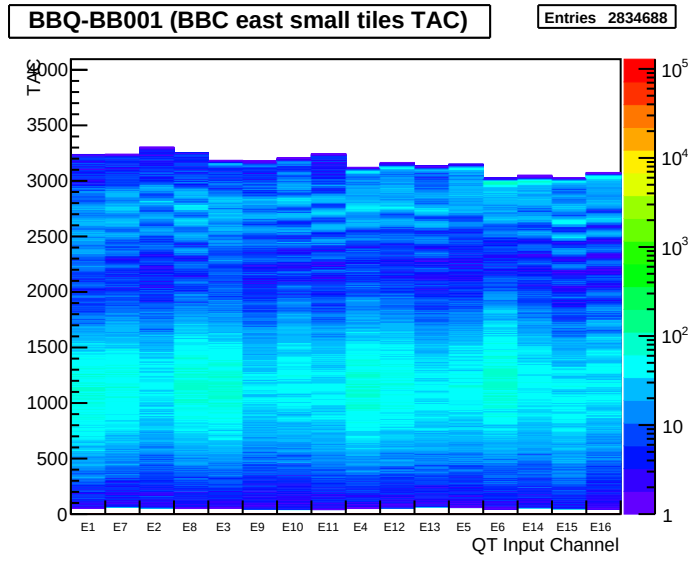

L2-TF201
Entries 177168
TOF total mult

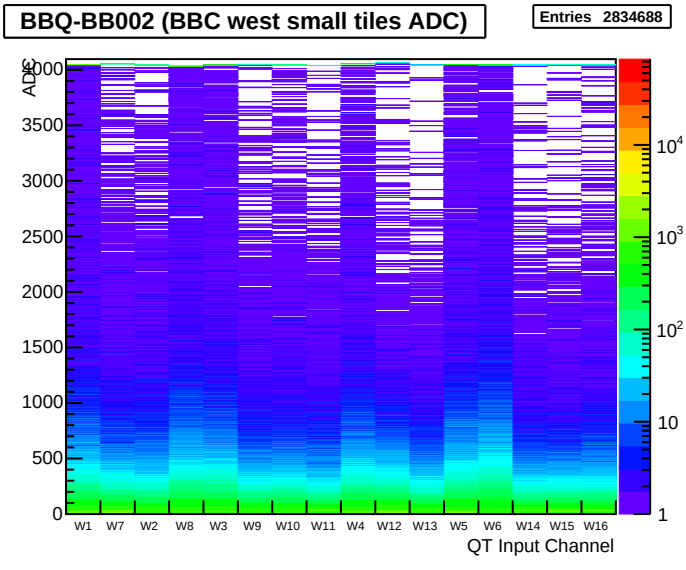

L2-TF201
Entries 0
TOF total mult(Real-Simu)

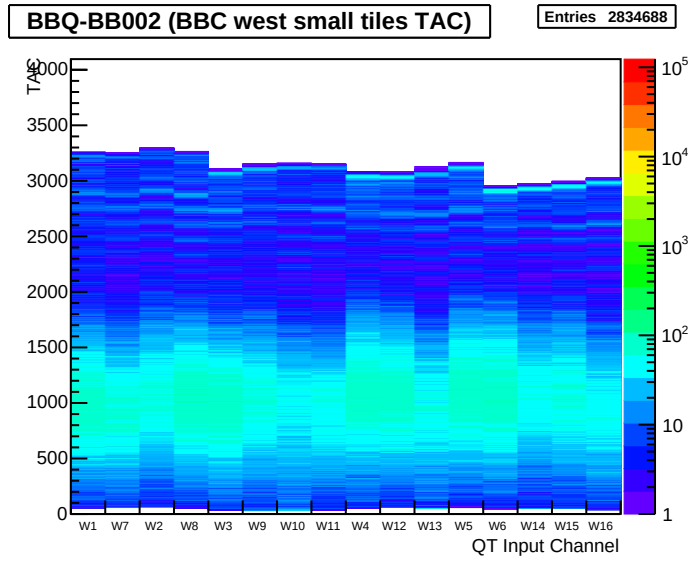

L2-TF201
Entries 1240176
Threshold/UPC bits
154746
156772
154767
155642
155315
153452
169019
22422
20396
22401
21526
21853
23716
8149
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

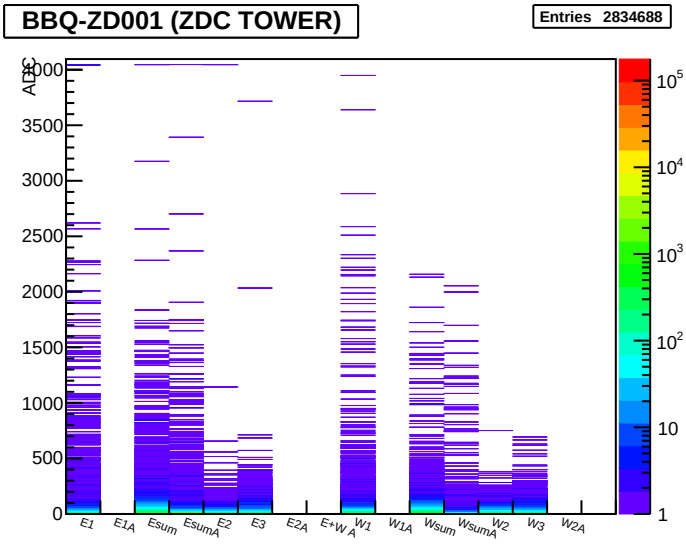

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

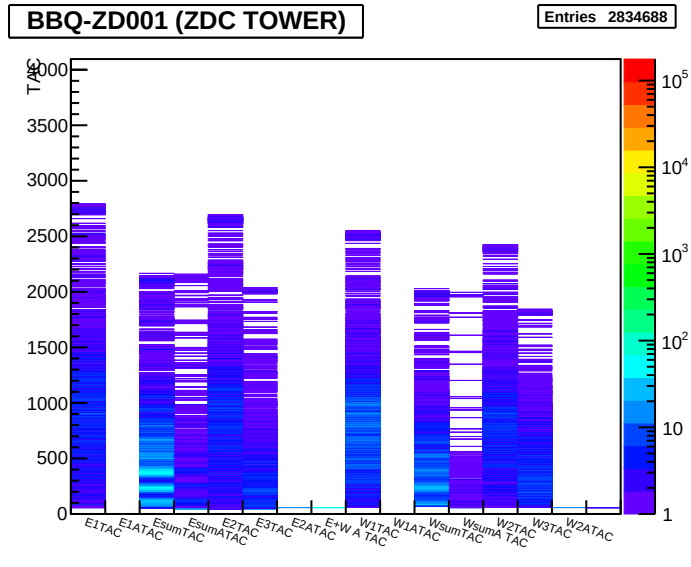

BBQ-BB001 (BBC east small tiles ADC)
Entries 2834688
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

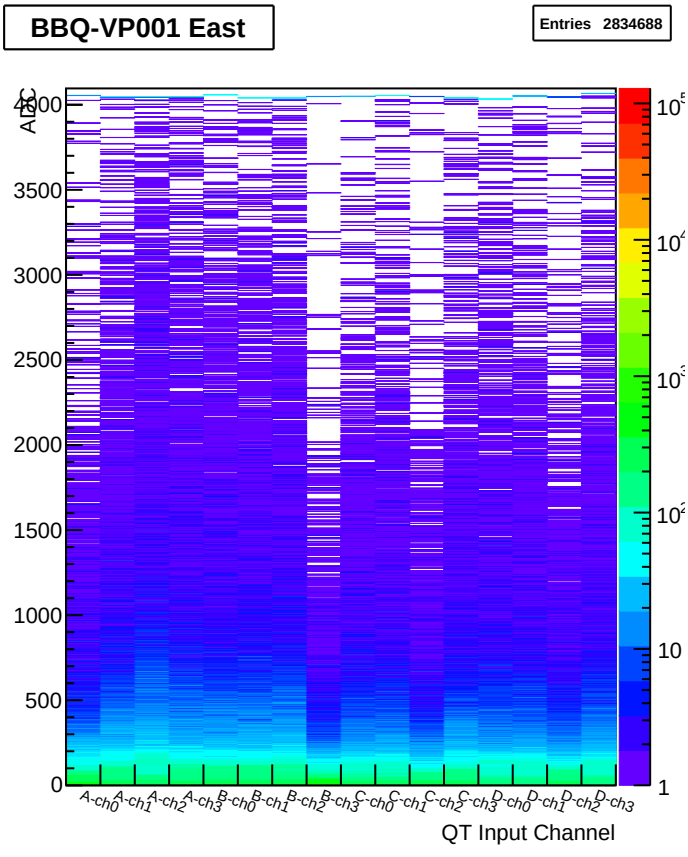

BBQ-BB001 (BBC east small tiles TAC)
Entries 2834688
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

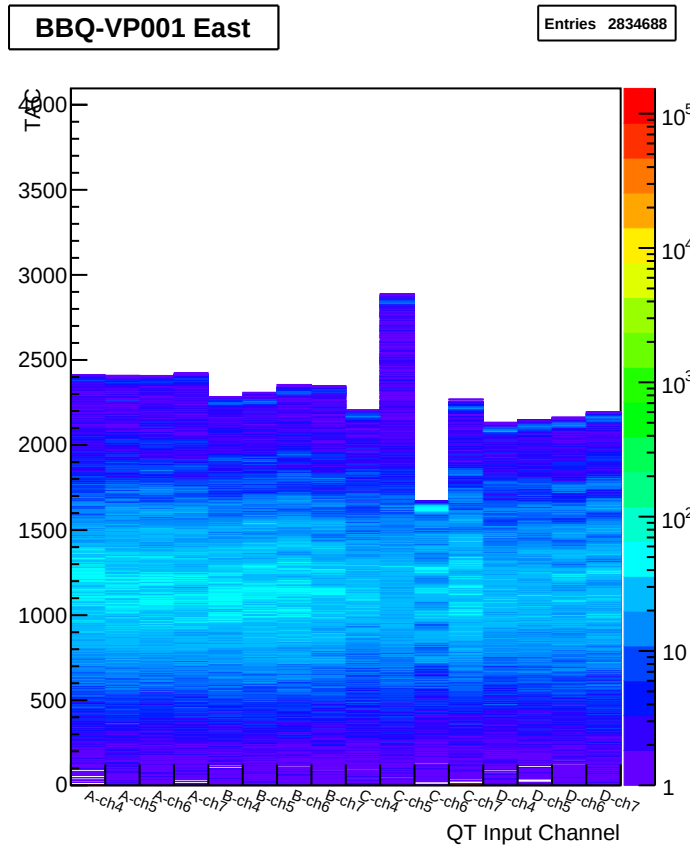

BBQ-BB002 (BBC west small tiles ADC)
Entries 2834688
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

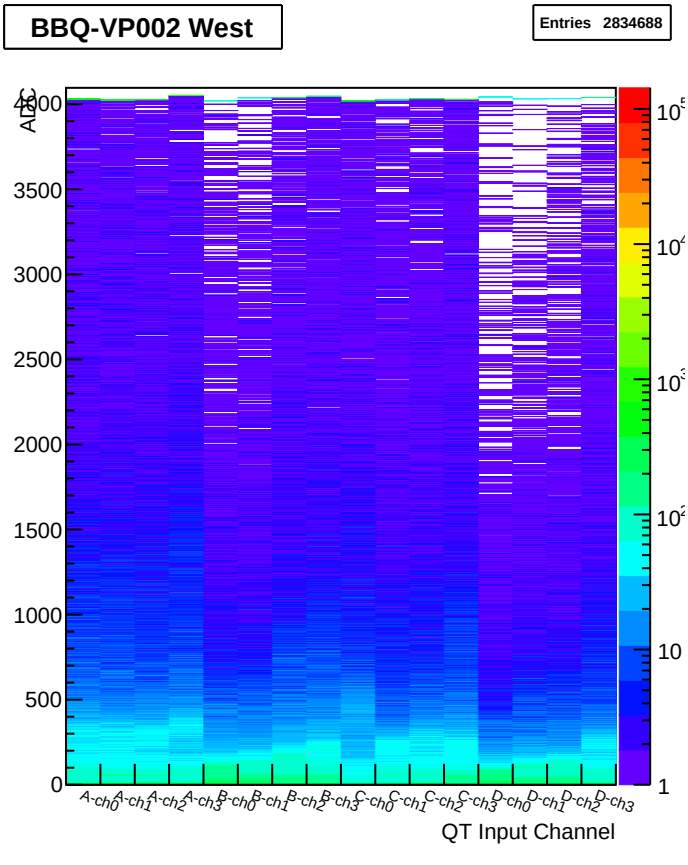

BBQ-BB002 (BBC west small tiles TAC)
Entries 2834688
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

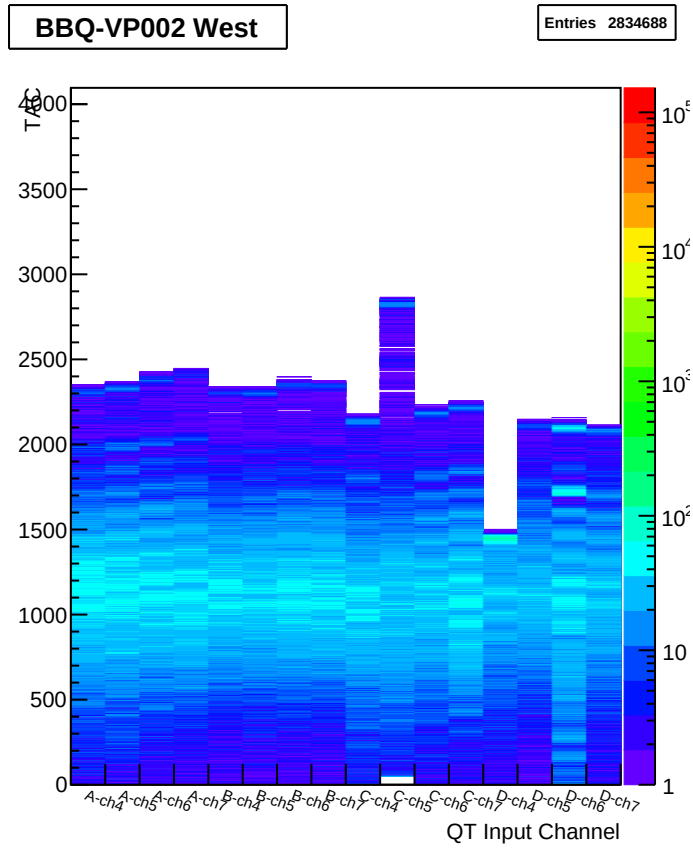

BBQ-ZD001 (ZDC TOWER)
Entries 2834688
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

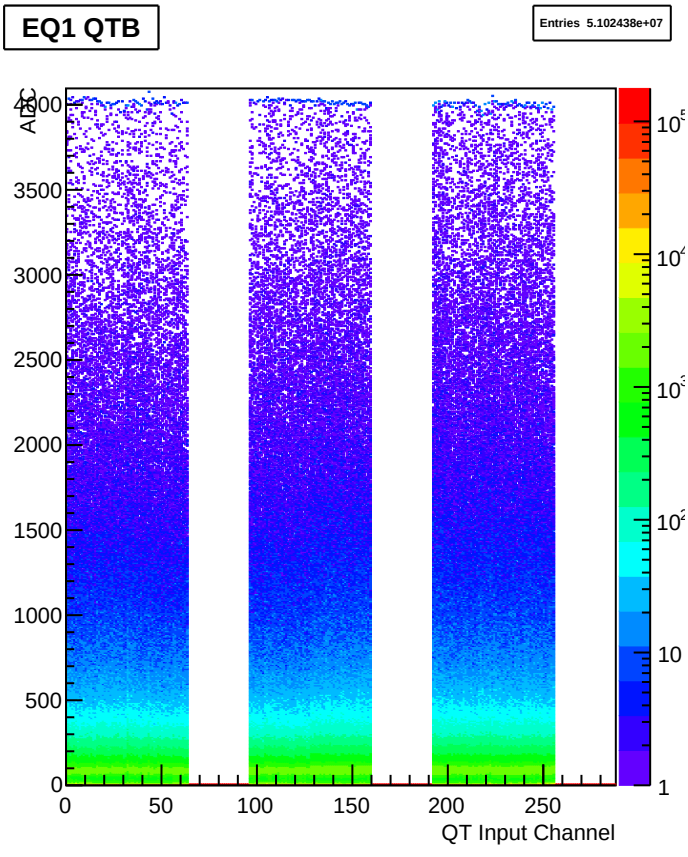

BBQ-ZD001 (ZDC TOWER)
Entries 2834688
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

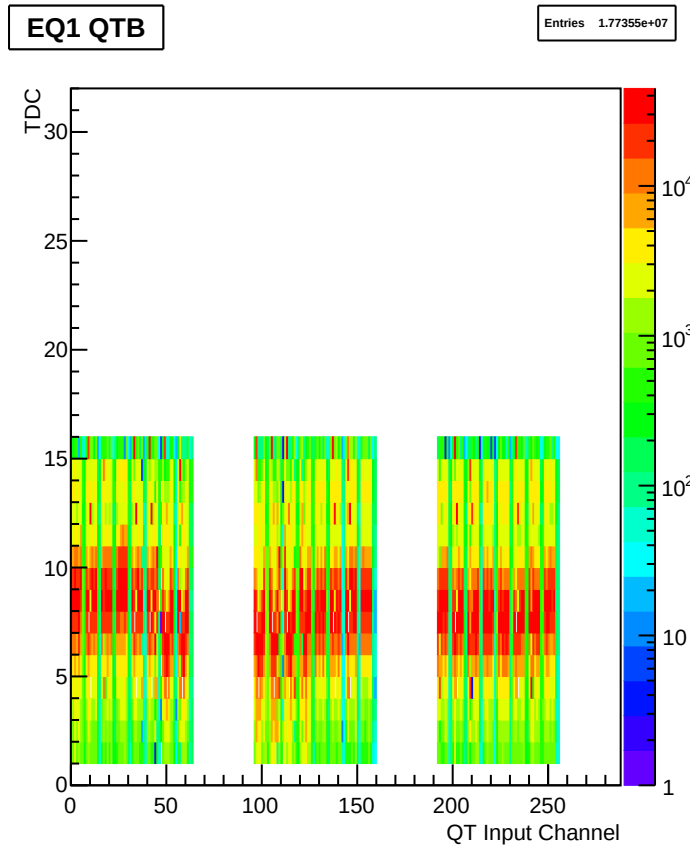

BBQ-VP001 East
Entries 2834688
ADC
QT Input Channel

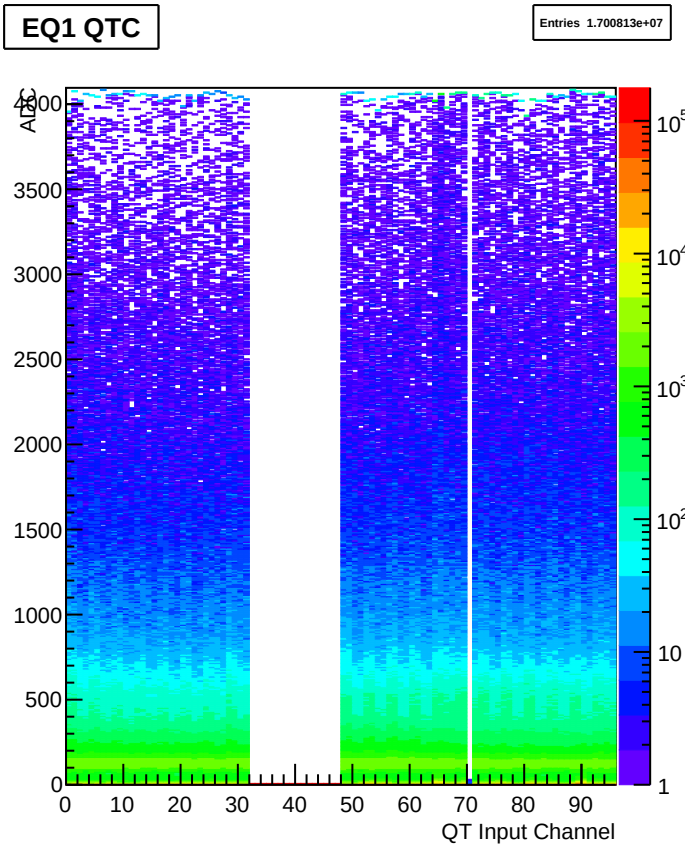

BBQ-VP001 East
Entries 2834688
TADC
QT Input Channel

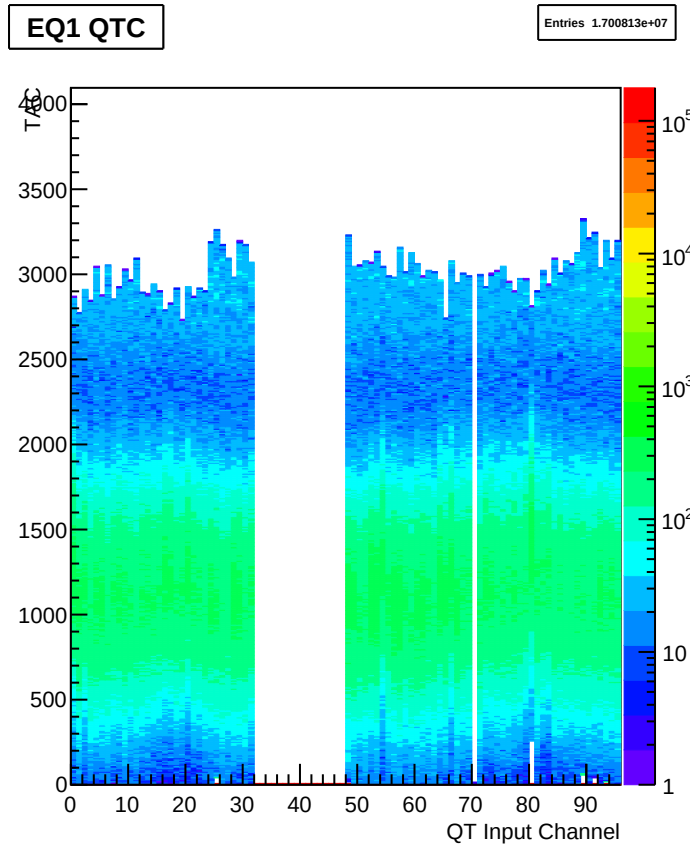

BBQ-VP002 West
Entries 2834688
ADC
QT Input Channel

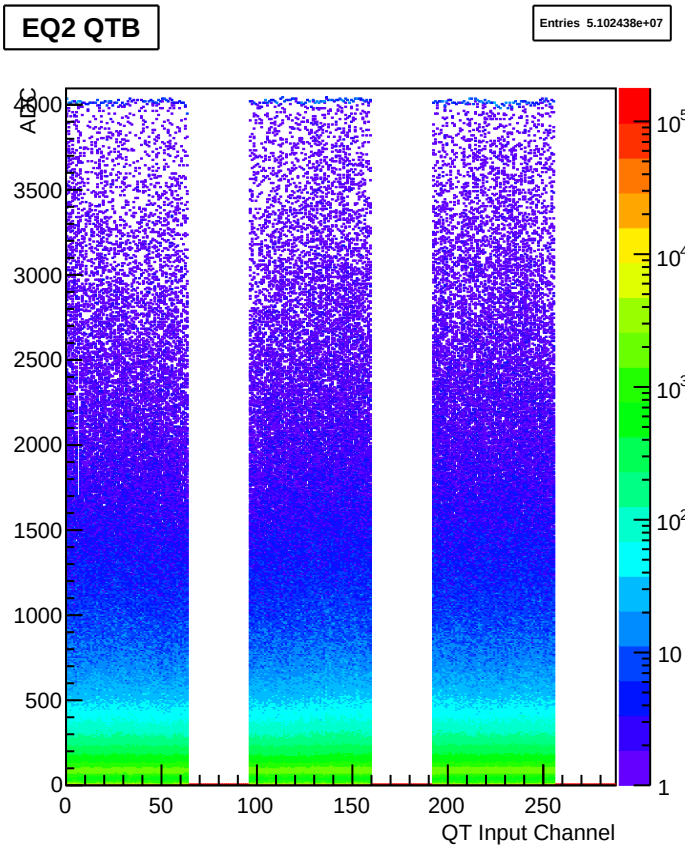

BBQ-VP002 West
Entries 2834688
TADC
QT Input Channel

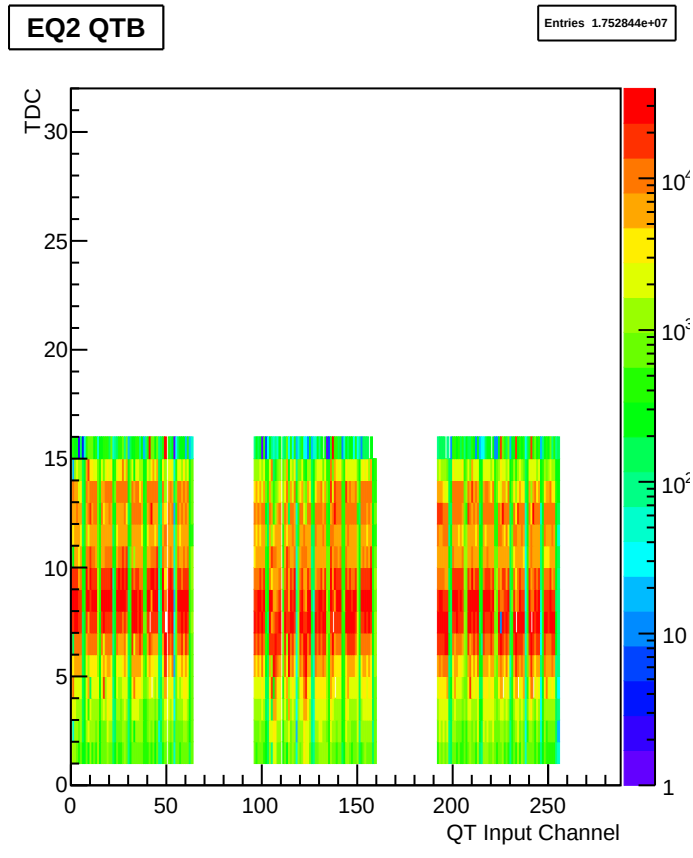

EQ1 QTB
Entries 5.102438e+07
ADC
QT Input Channel

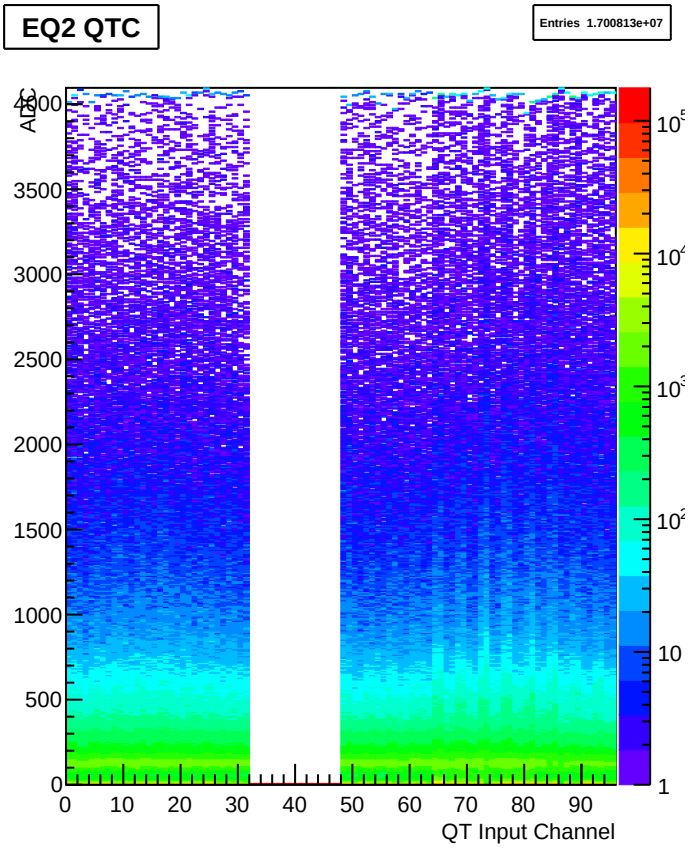

EQ1 QTB
Entries 1.77355e+07
TDC
QT Input Channel

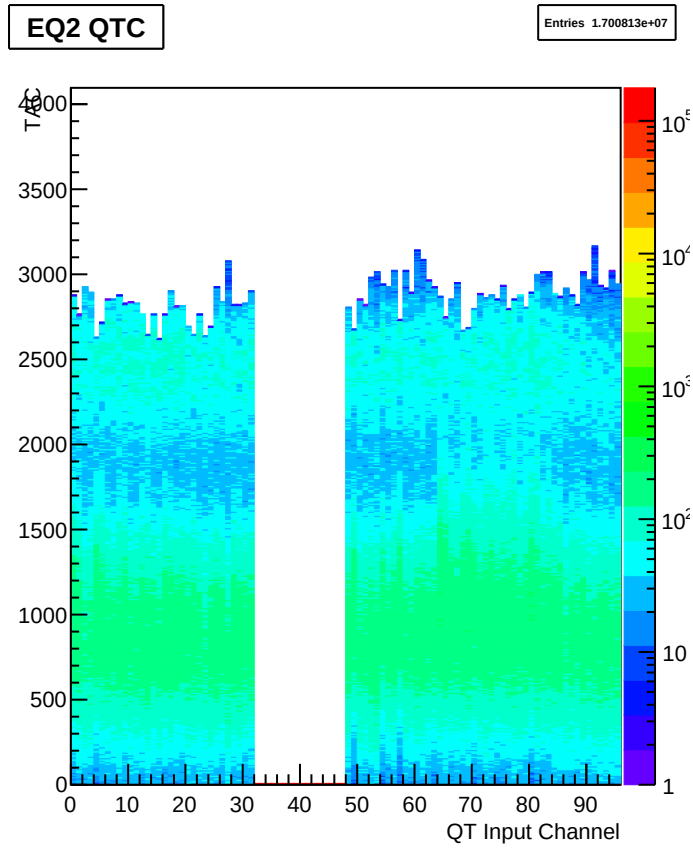

EQ1 QTC
Entries 1.700813e+07
ADC
QT Input Channel

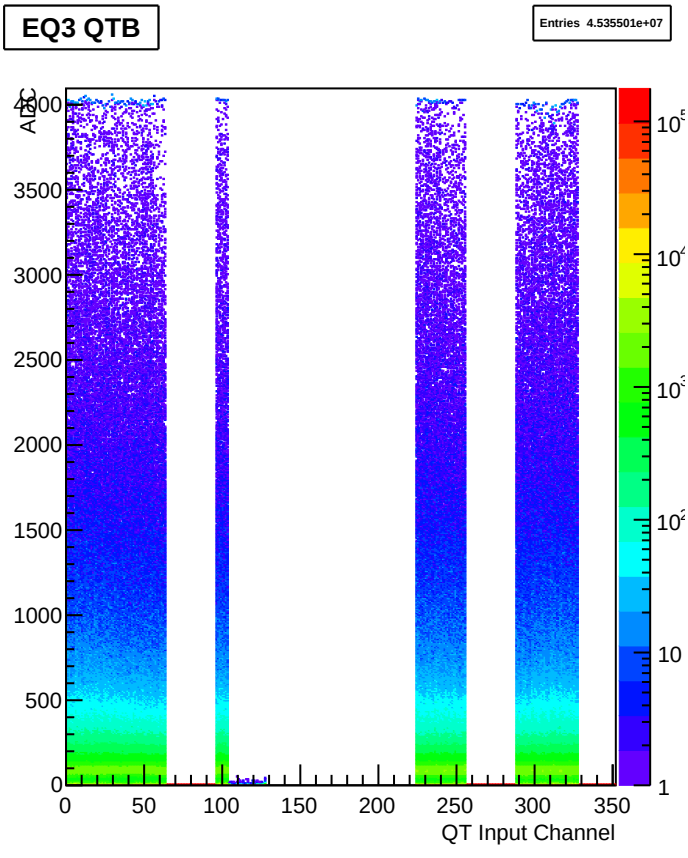

EQ1 QTC
Entries 1.700813e+07
TADC
QT Input Channel

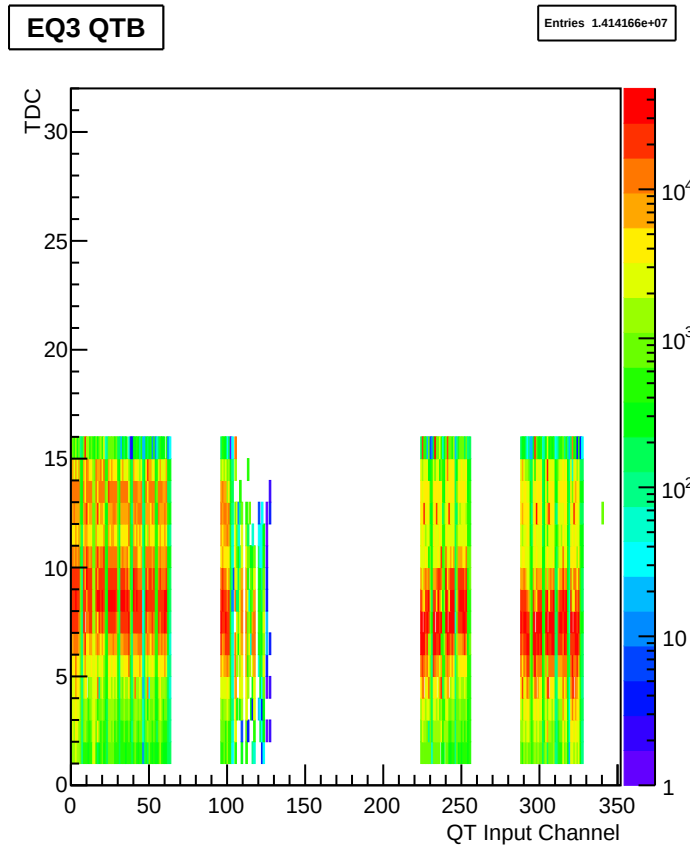

EQ2 QTB
Entries 5.102438e+07
ADC
QT Input Channel

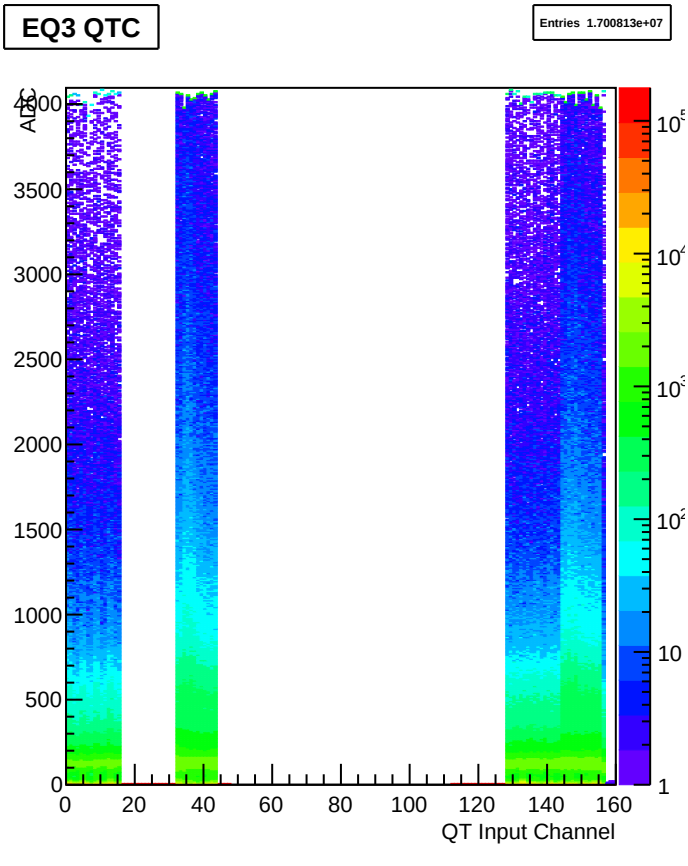

EQ2 QTB
Entries 1.752844e+07
TDC
QT Input Channel

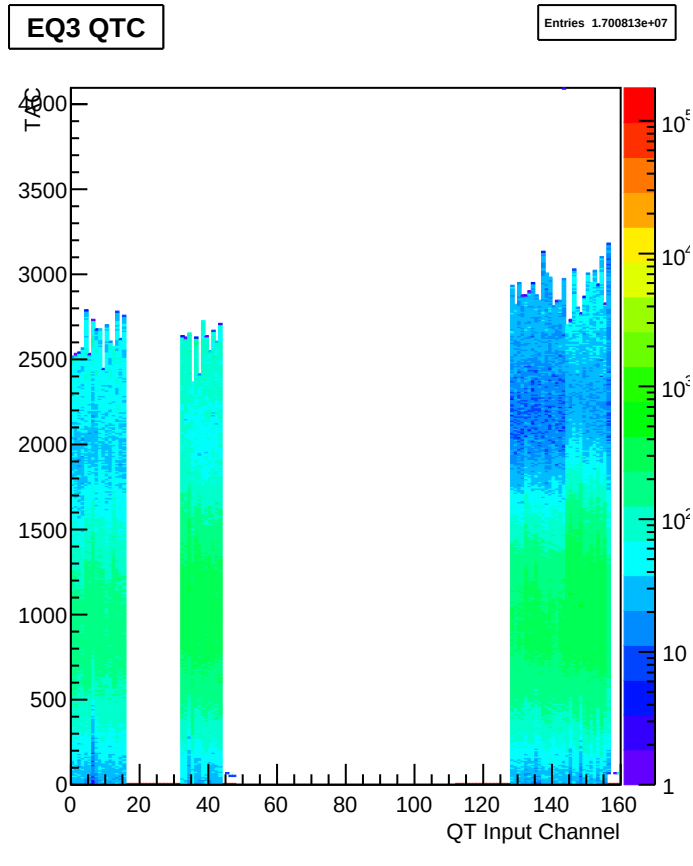

EQ2 QTC
Entries 1.700813e+07
ADC
QT Input Channel

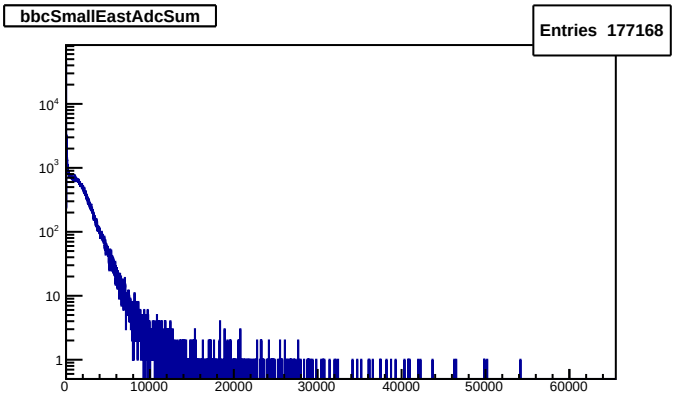

EQ2 QTC
Entries 1.700813e+07
TADC
QT Input Channel

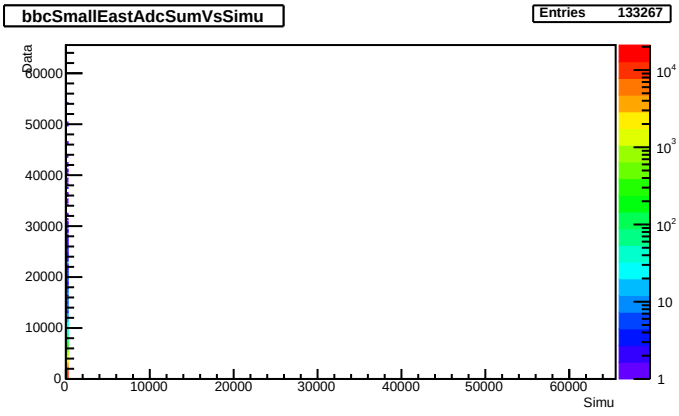

EQ3 QTB
Entries 4.535501e+07
ADC
QT Input Channel

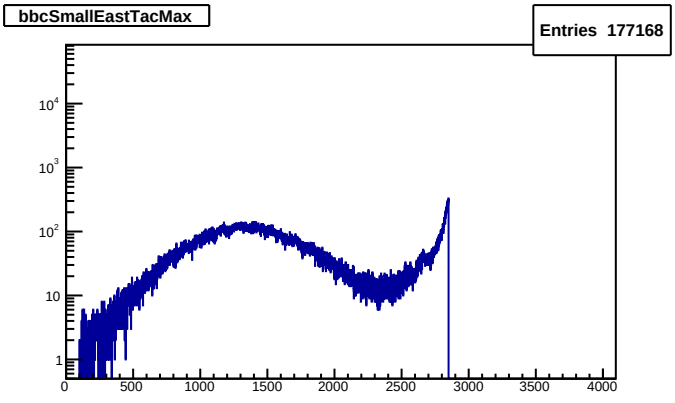

EQ3 QTB
Entries 1.414166e+07
TDC
QT Input Channel

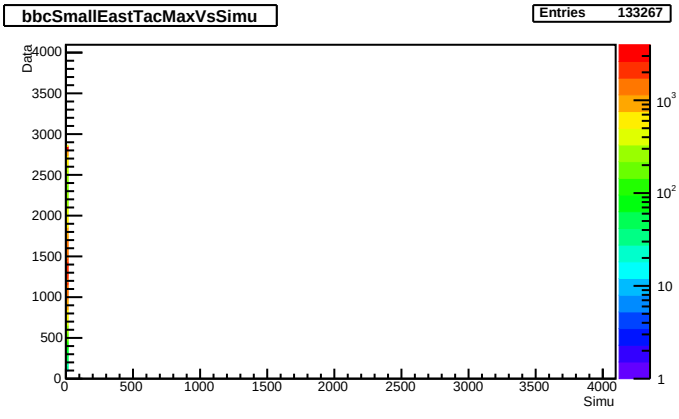

EQ3 QTC
Entries 1.700813e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.700813e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 177168


bbcSmallEastAdcSumVsSimu
Entries 133267
Data
Simu


bbcSmallEastTacMax
Entries 177168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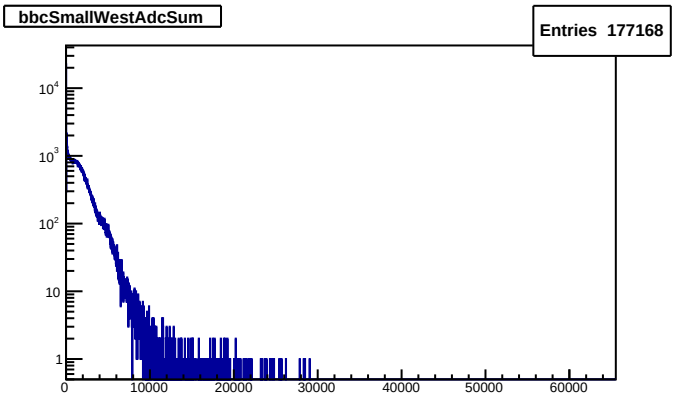
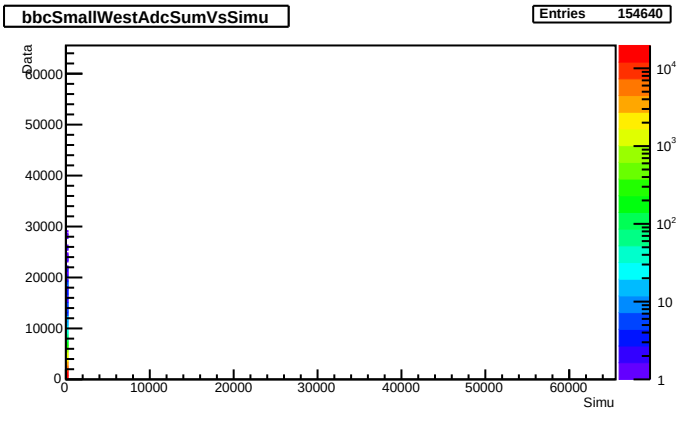
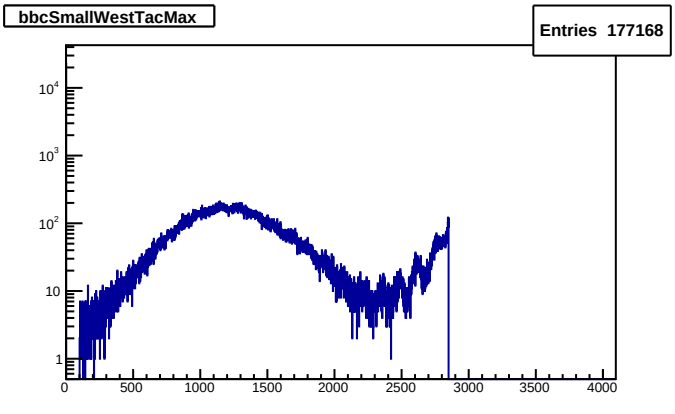
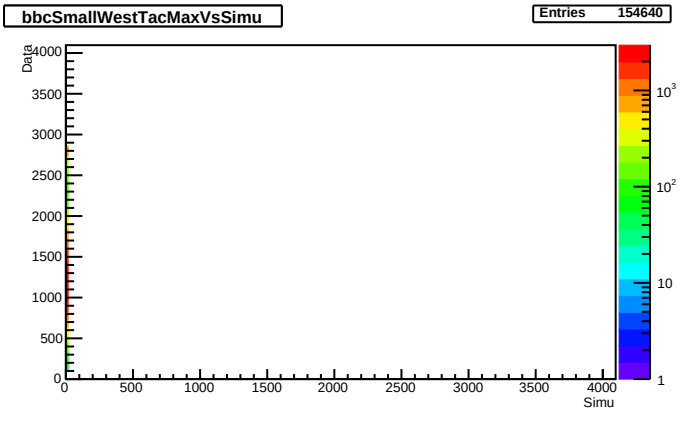
Entries 133267
Data
Simu


bbcSmallWestAdcSum
Entries 177168


bbcSmallWestAdcSumVsSimu
Entries 154640
Data
Simu


bbcSmallWestTacMax
Entries 177168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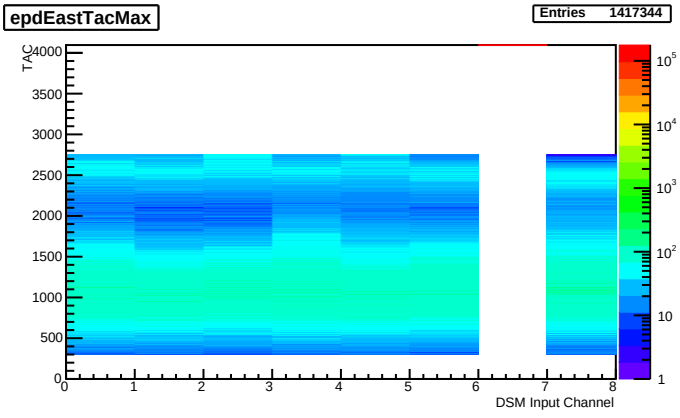
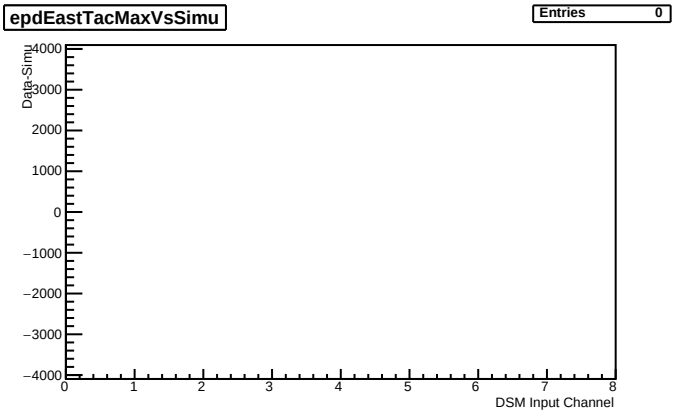
Entries 154640
Data
Simu


epdEastTacMax
Entries 1417344
TAC
DSM Input Channel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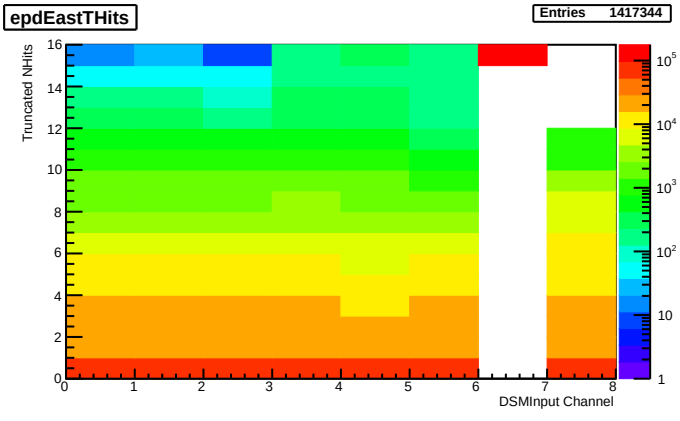
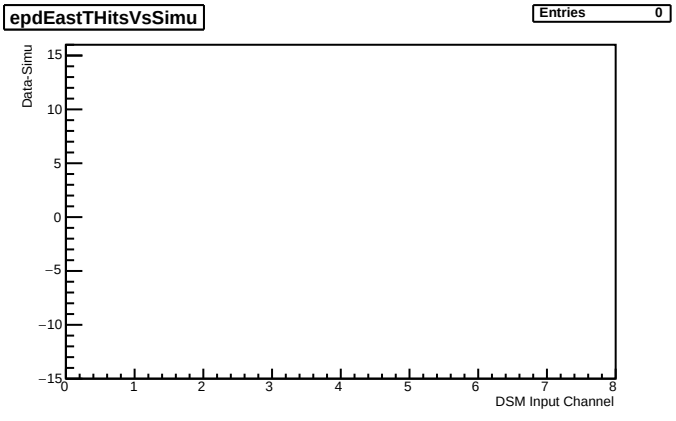
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1417344
Truncated NHits
DSMInput Channel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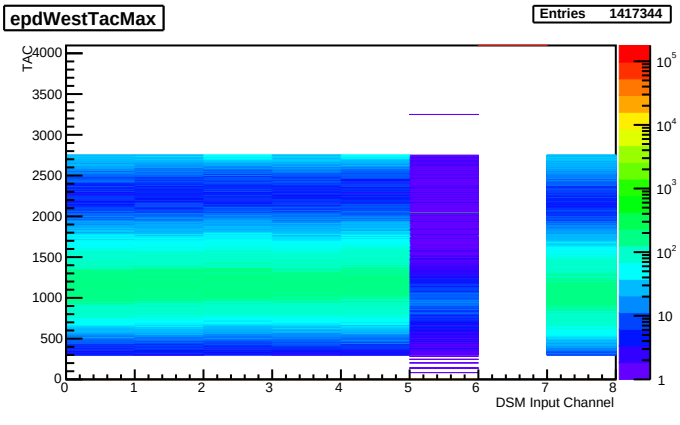
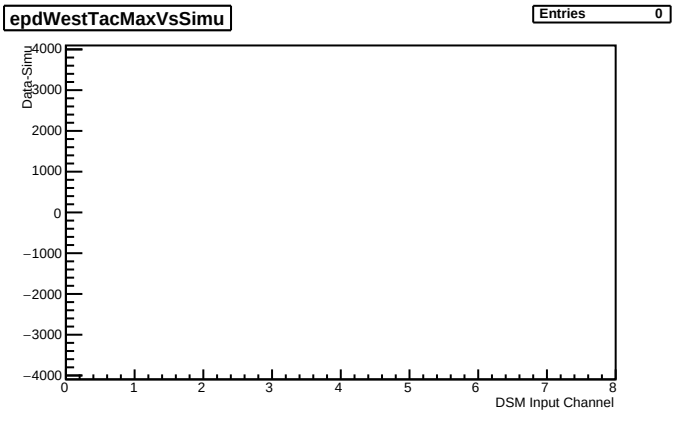
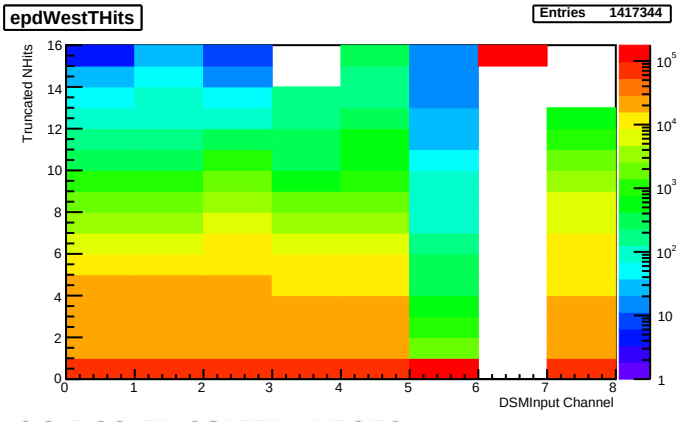
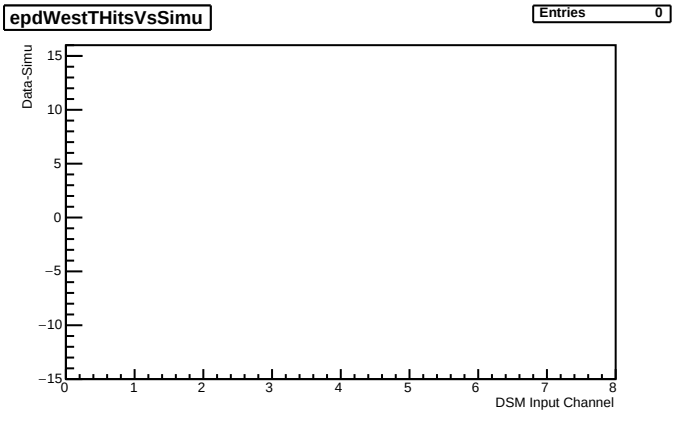
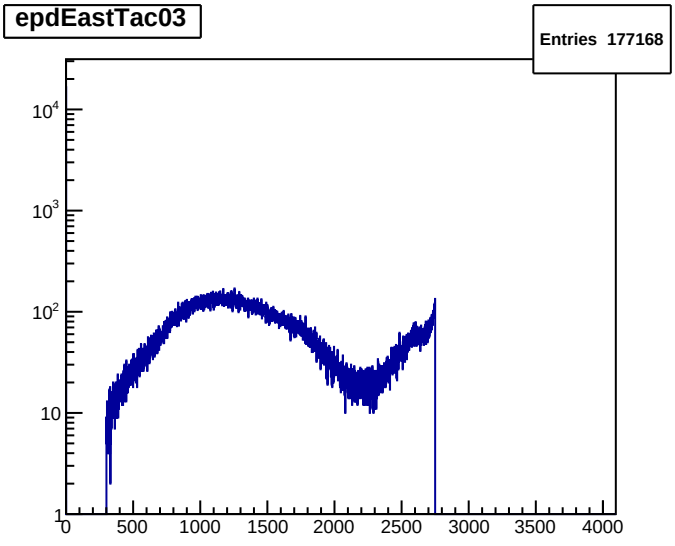
Entries 0
Data-Simu
DSM Input Channel

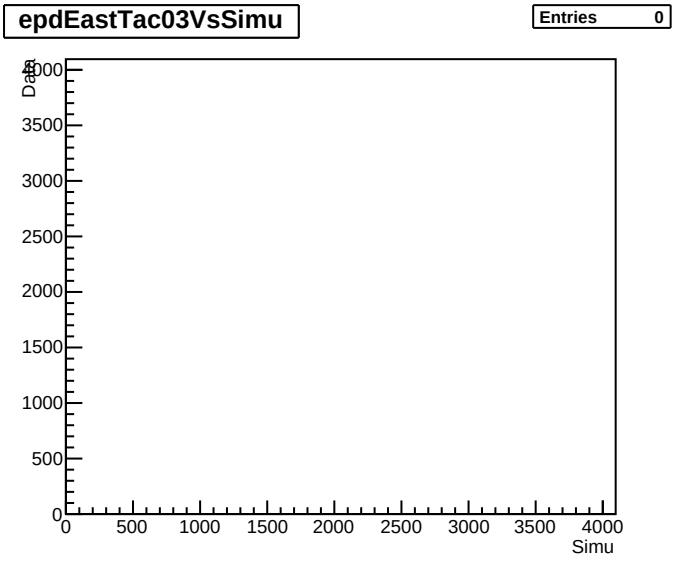

epdWestTacMax
Entries 1417344
TAC
DSM Input Channel

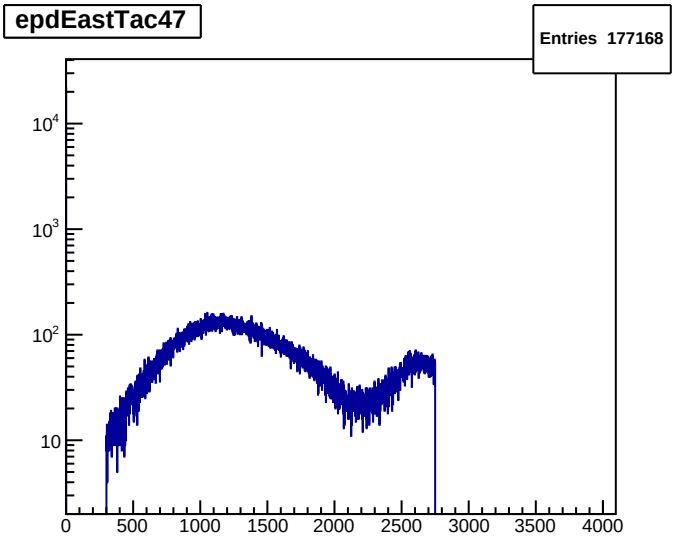

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

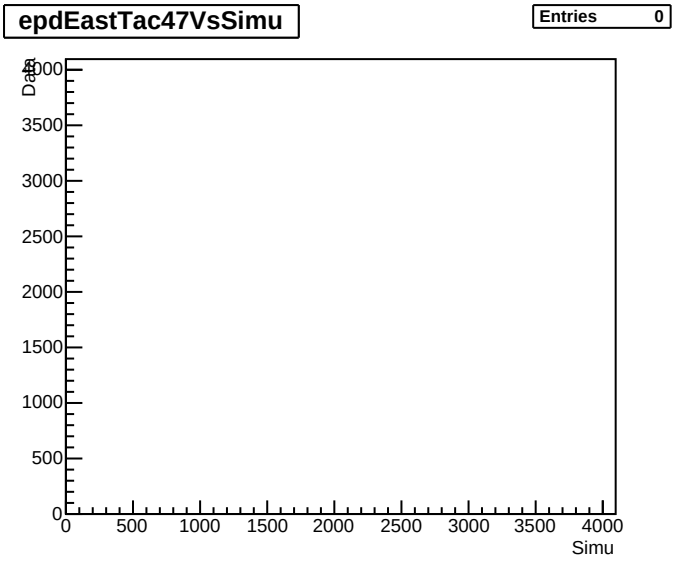

epdWestTHits
Entries 1417344
Truncated NHits
DSMInput Channel

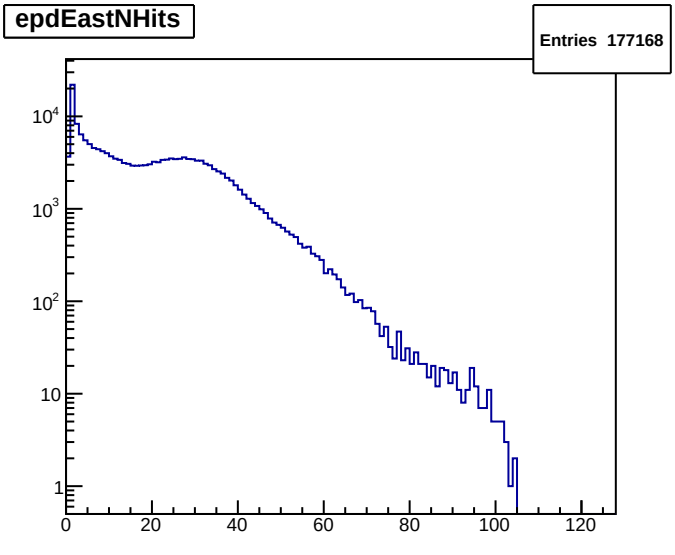

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

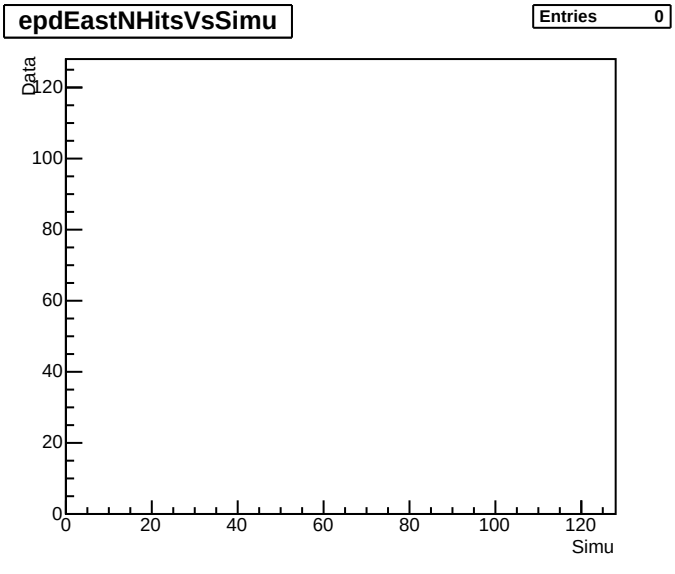

epdEastTac03
Entries 177168


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 177168


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 177168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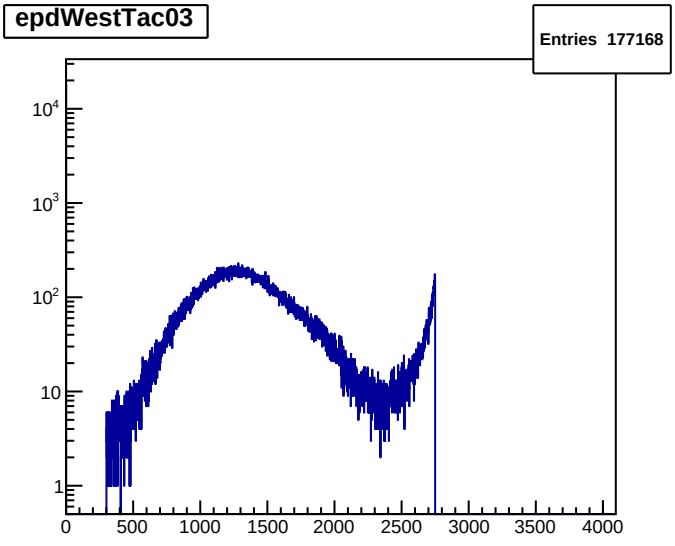
Entries 0
Data
Simu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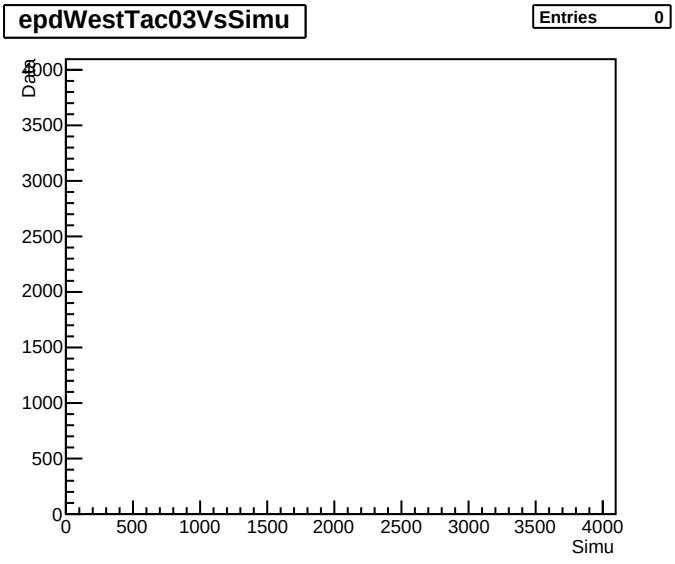
Entries 177168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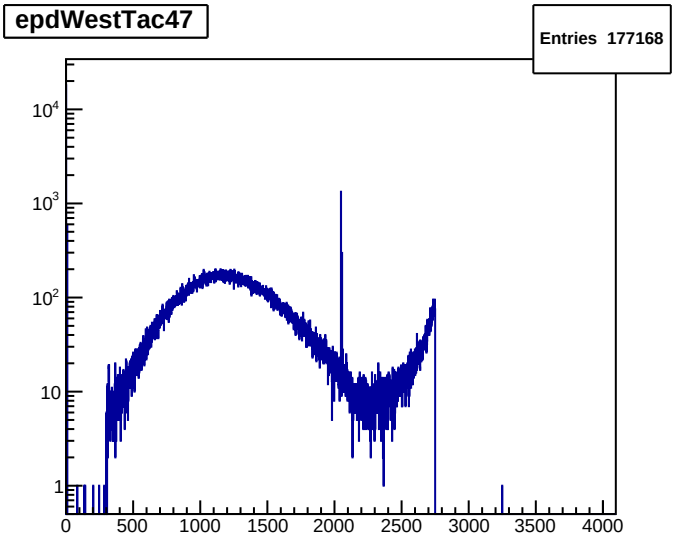
Entries 0
Data
Simu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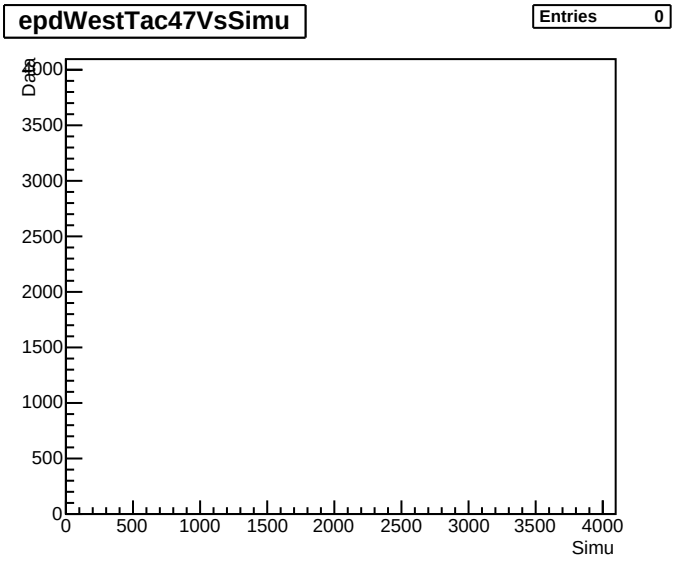
Entries 177168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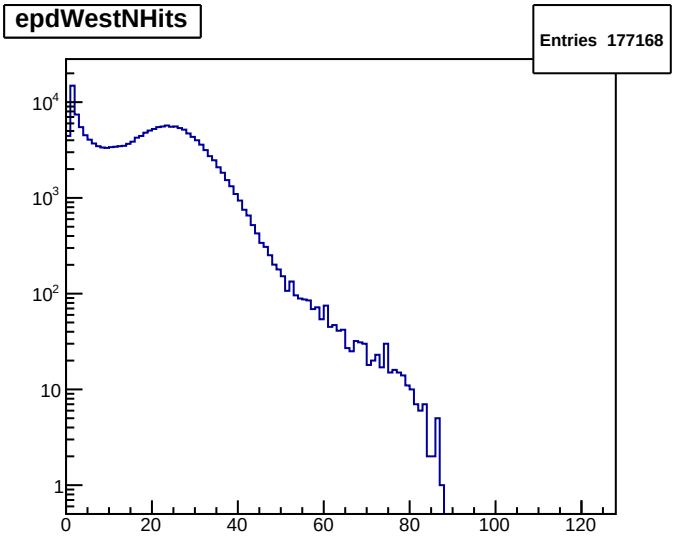
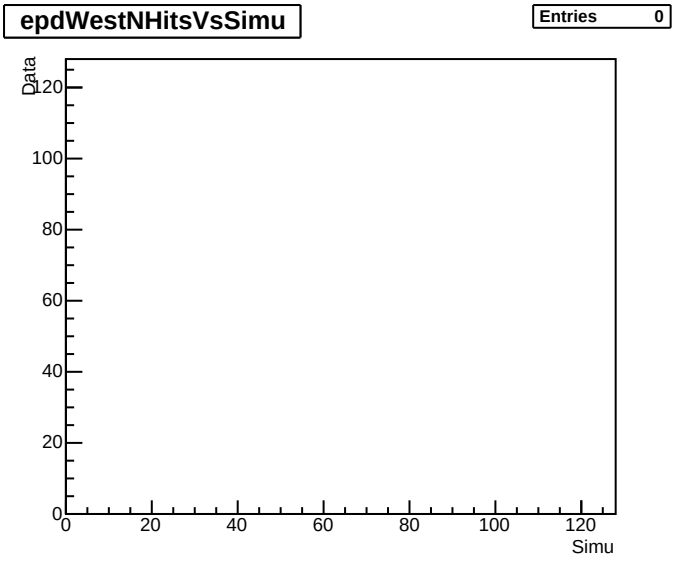
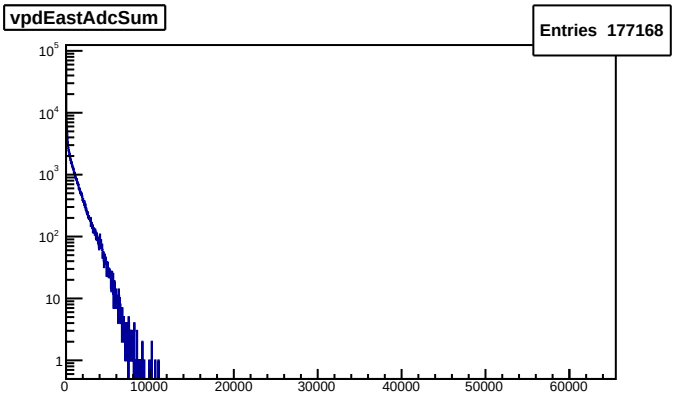
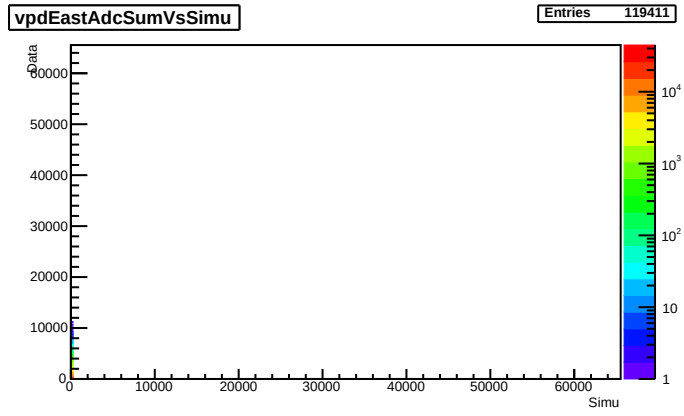
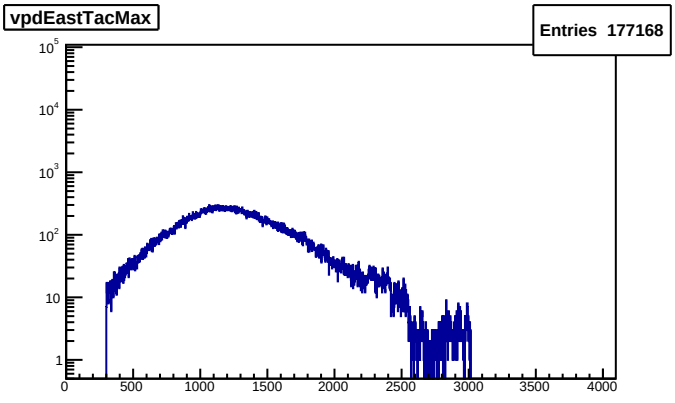
Entries 0
Data
Simu

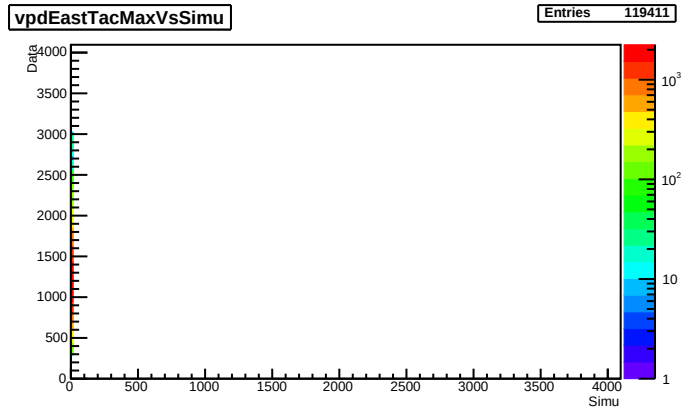

epdWestNHits
Entries 177168

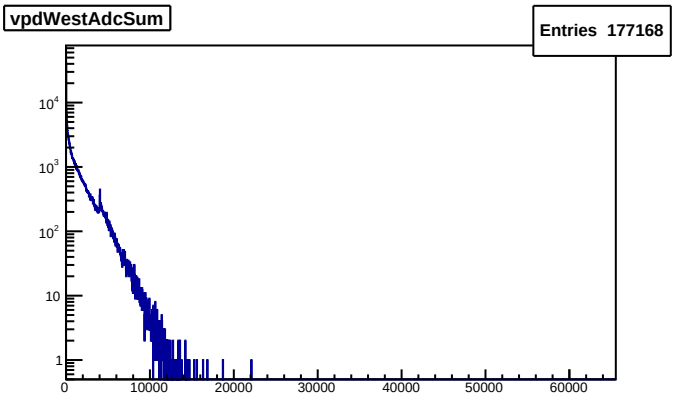

epdWestNHitsVsSimu
Entries 0
Data
Simu

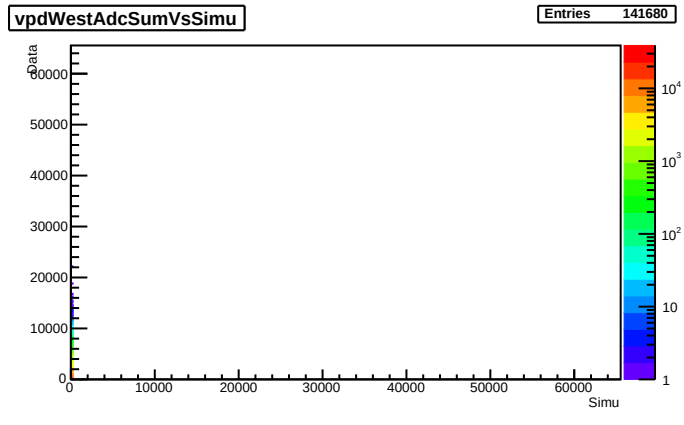

vpdEastAdcSum
Entries 177168

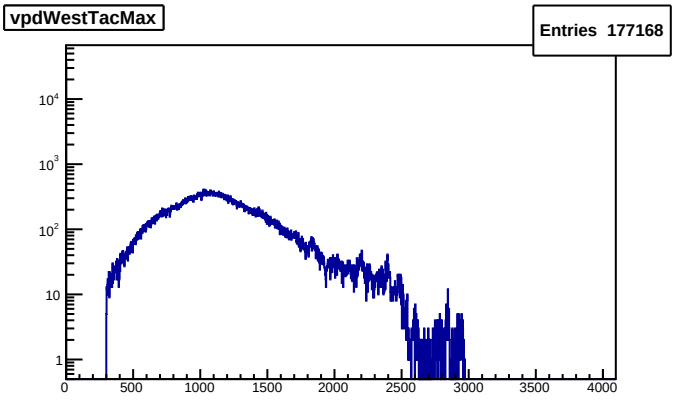

vpdEastAdcSumVsSimu
Entries 119411
Data
Simu

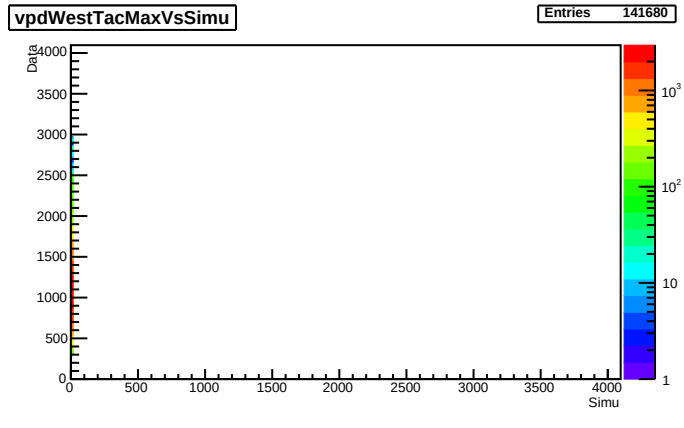

vpdEastTacMax
Entries 177168

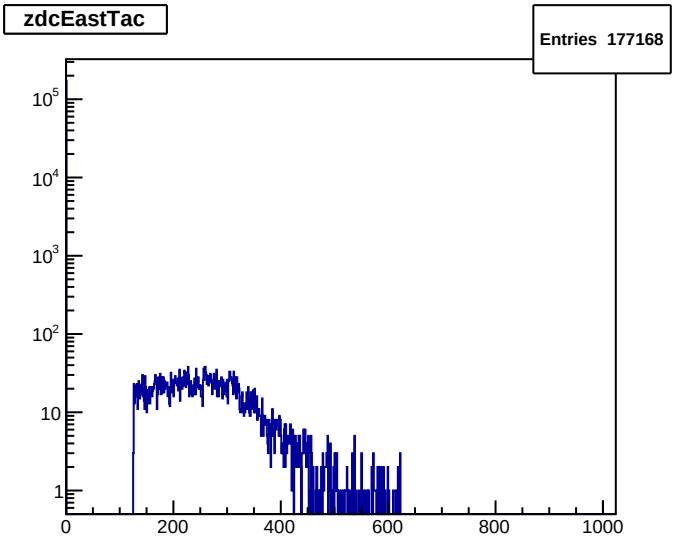

vpdEastTacMaxVsSimu
Entries 119411
Data
Simu

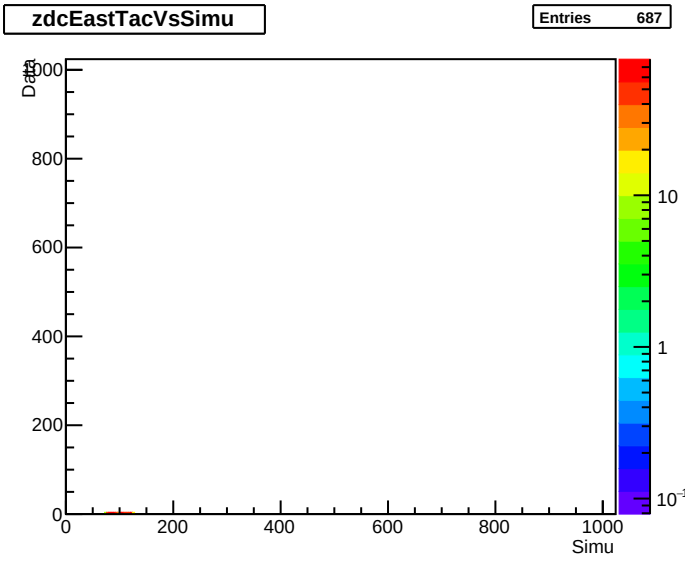

vpdWestAdcSum
Entries 177168

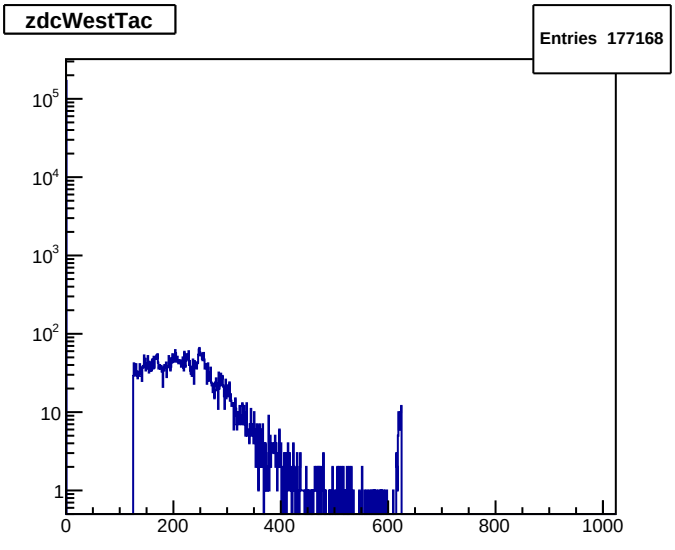

vpdWestAdcSumVsSimu
Entries 141680
Data
Simu

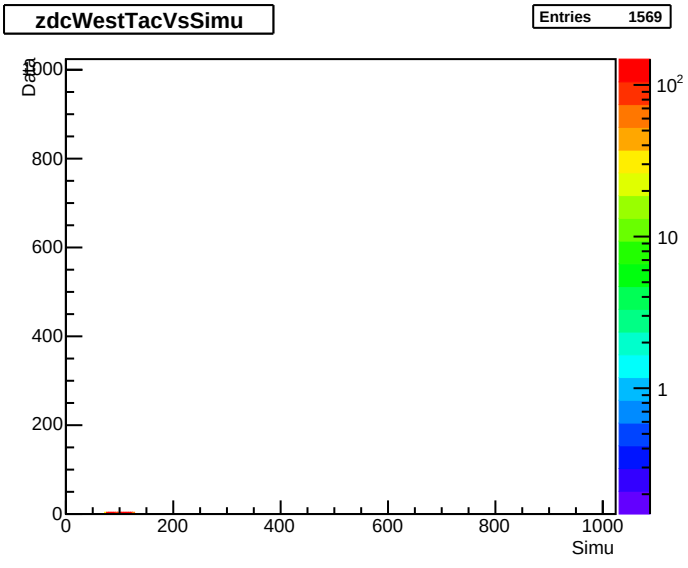

vpdWestTacMax
Entries 177168

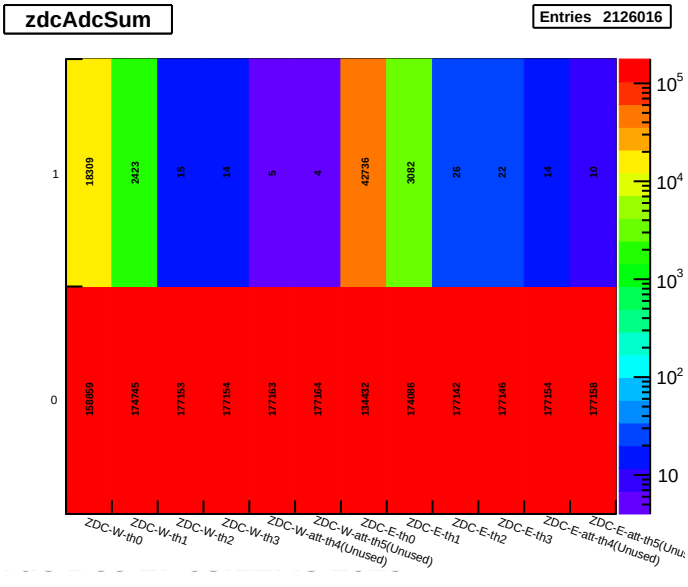

vpdWestTacMaxVsSimu
Entries 141680
Data
Simu

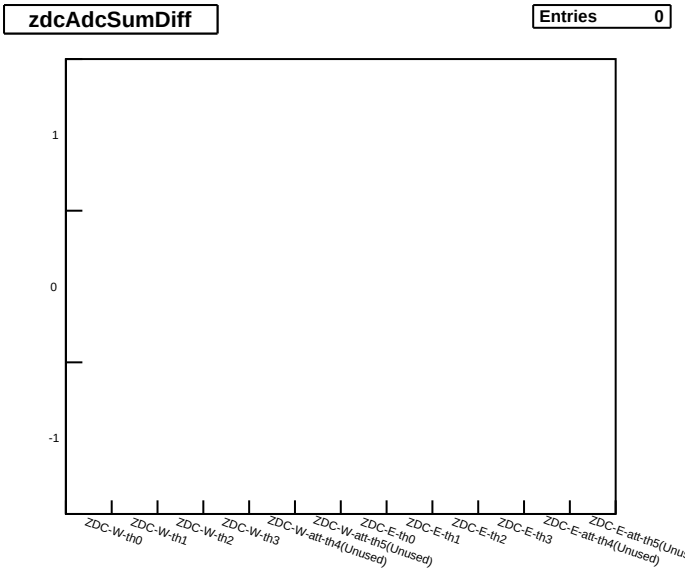

zdcEastTac
Entries 177168

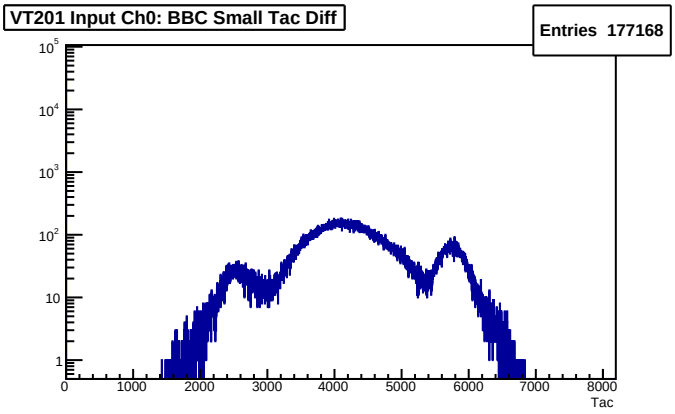

zdcEastTacVsSimu
Entries 687
Data
Simu

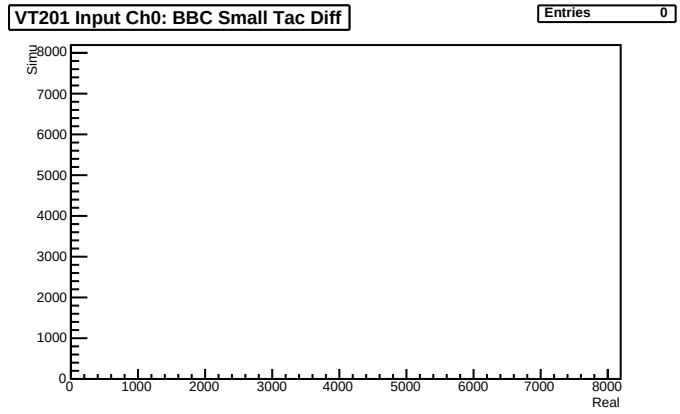

zdcWestTac
Entries 177168

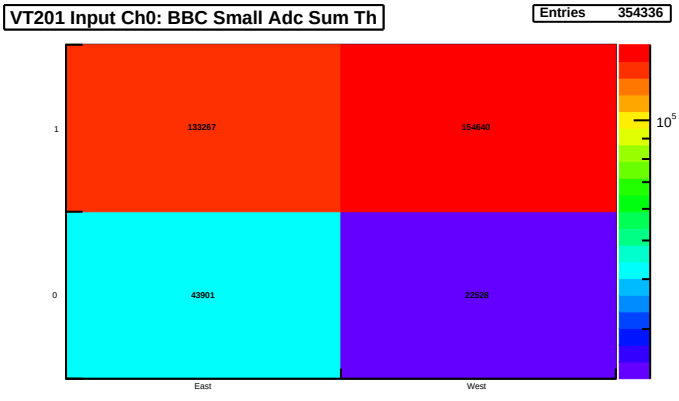

zdcWestTacVsSimu
Entries 1569
Data
Simu

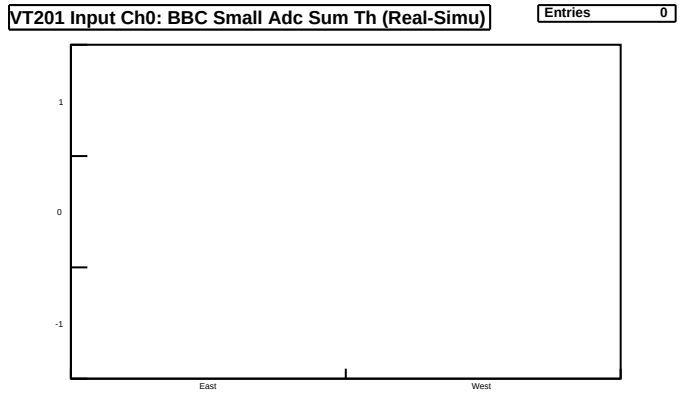

zdcAdcSum
Entries 2126016
18309
2423
15
14
5
4
42736
3082
26
22
14
10
158859
174745
177153
177154
177163
177164
134432
174086
177142
177146
177154
177158
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

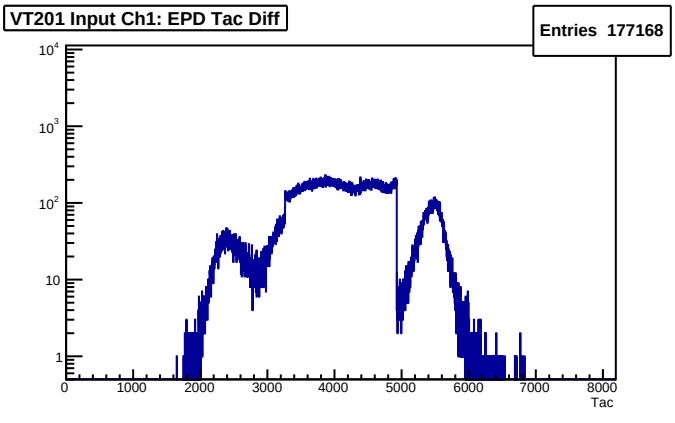

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

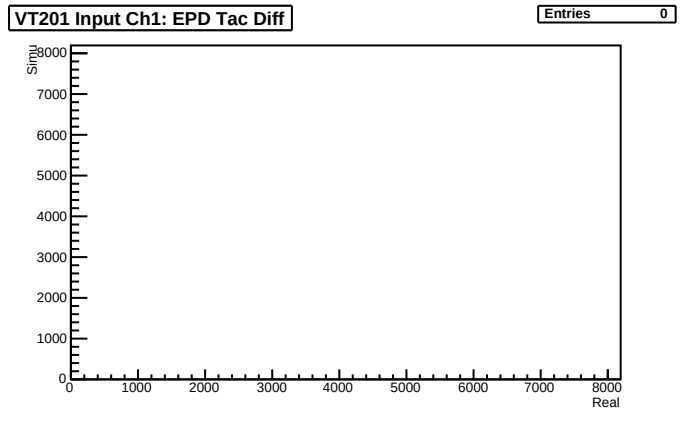

VT201 Input Ch0: BBC Small Tac Diff
Entries 177168
Tac

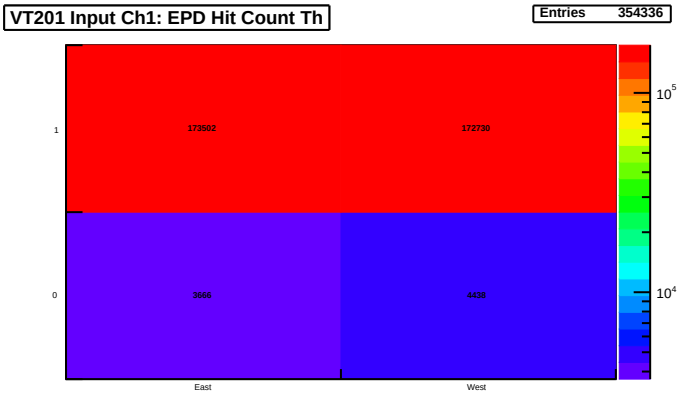

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

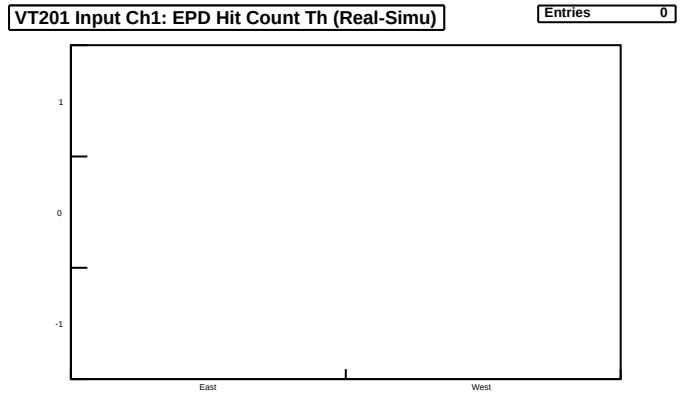

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 354336
133267
154640
43901
22528
East
West

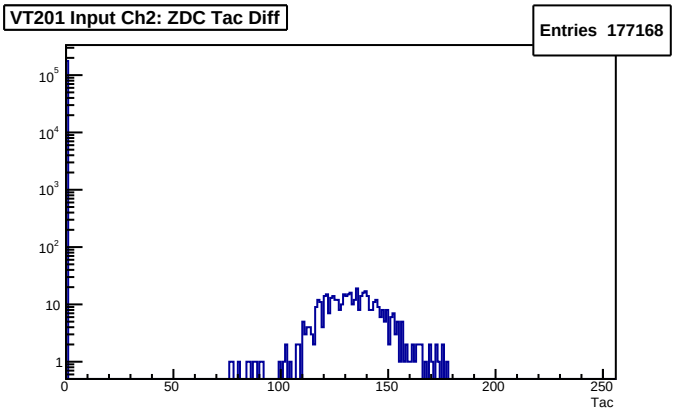

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

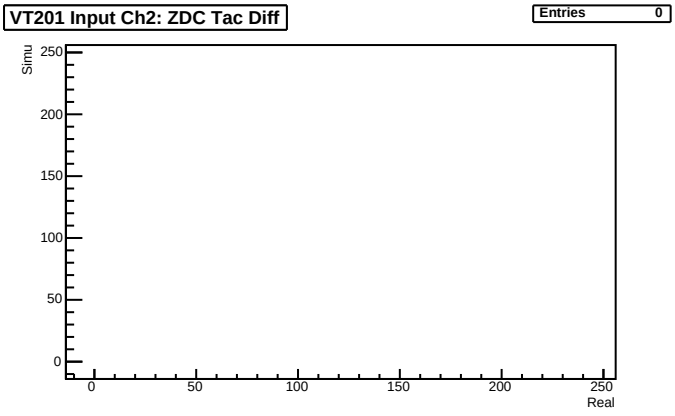

VT201 Input Ch1: EPD Tac Diff
Entries 177168
Tac

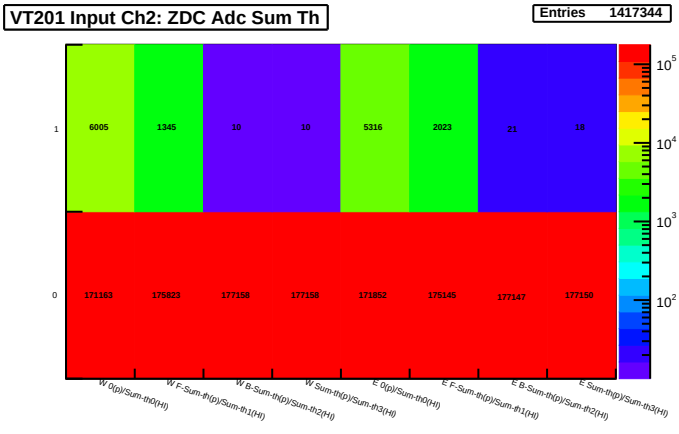

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

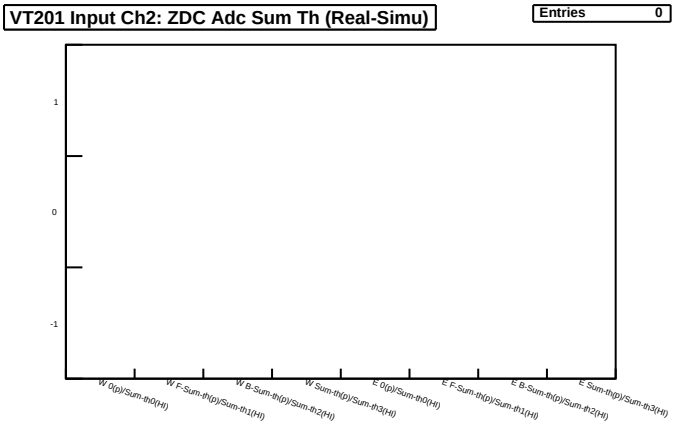

VT201 Input Ch1: EPD Hit Count Th
Entries 354336
173502
172730
3666
4438
East
West

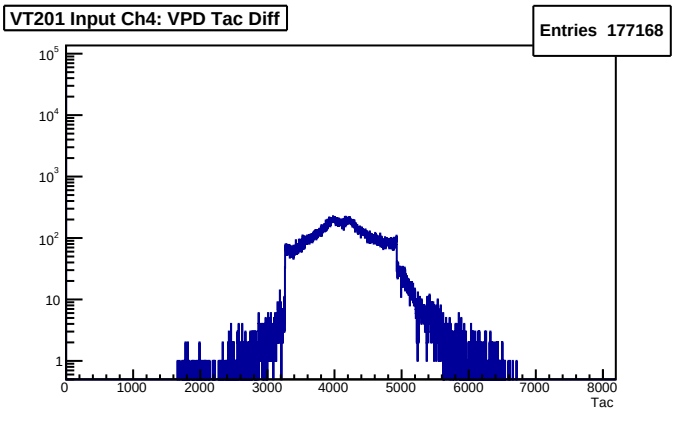

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

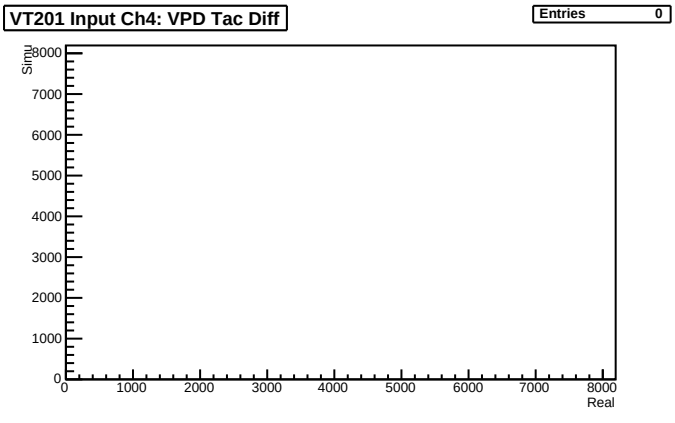

VT201 Input Ch2: ZDC Tac Diff
Entries 177168
Tac

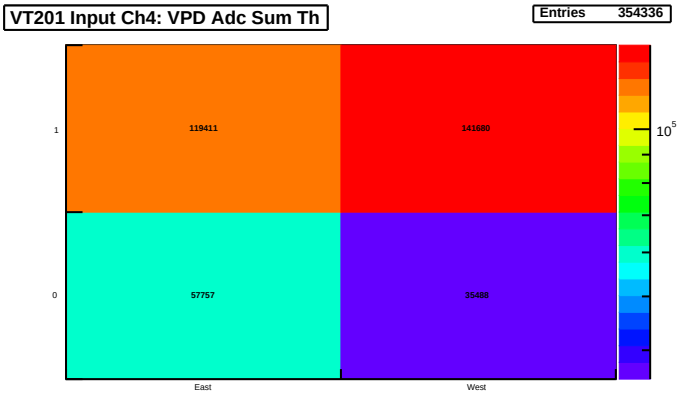

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

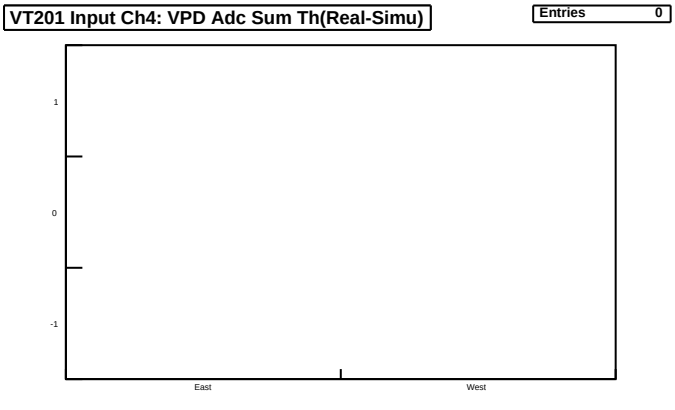

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1417344
6005
1345
10
10
5316
2023
21
18
171163
175823
177158
177158
171852
175145
177147
177150
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

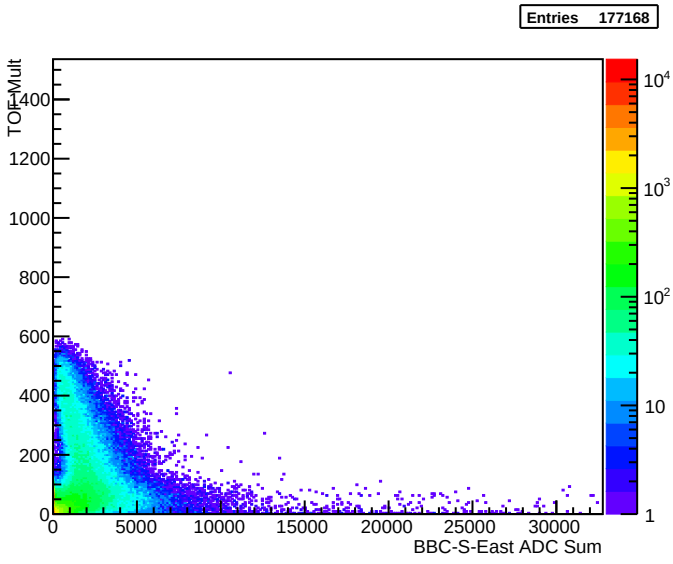

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

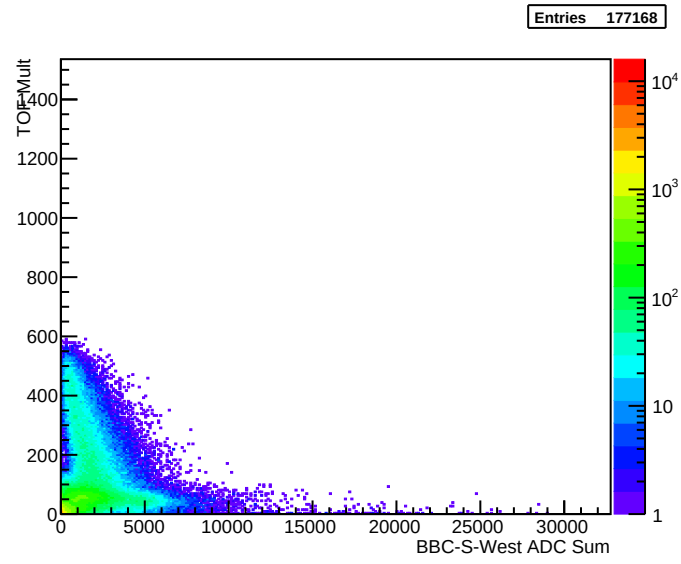

VT201 Input Ch4: VPD Tac Diff
Entries 177168
Tac

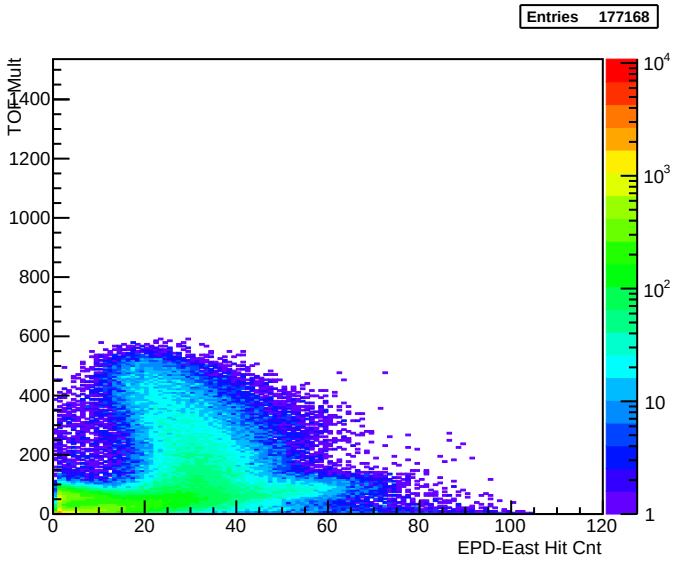

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

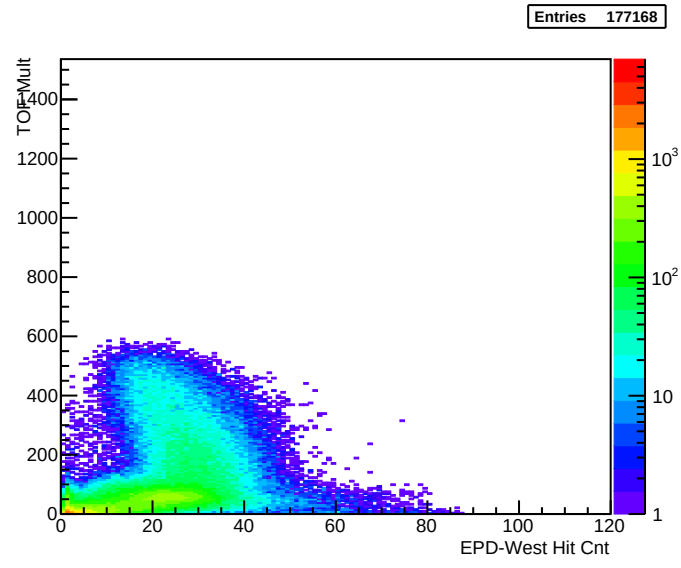

VT201 Input Ch4: VPD Adc Sum Th
Entries 354336
119411
141680
57757
35488
East
West

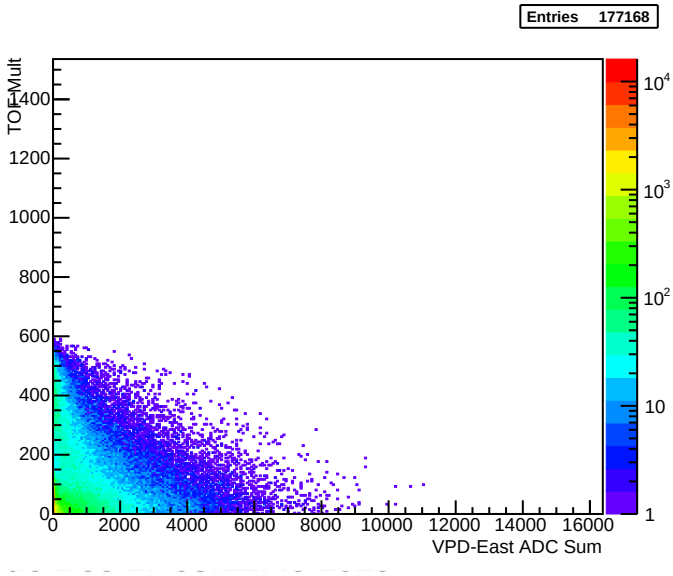

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

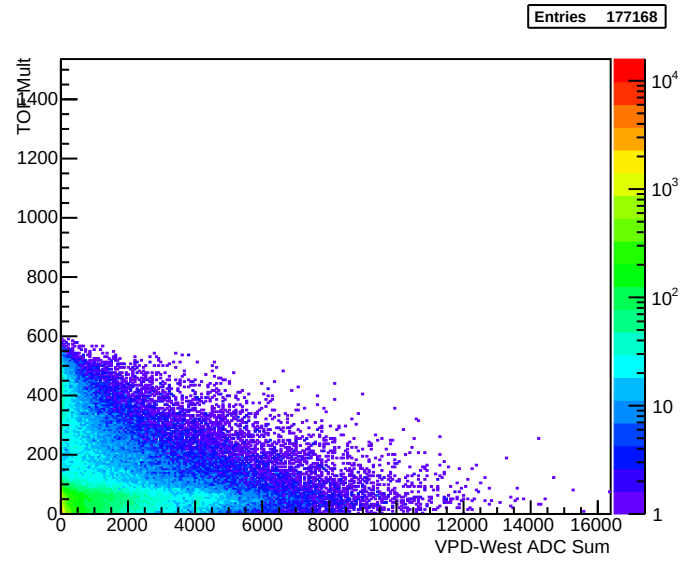

Entries 177168
TOF-Mult
BBC-S-East ADC Sum

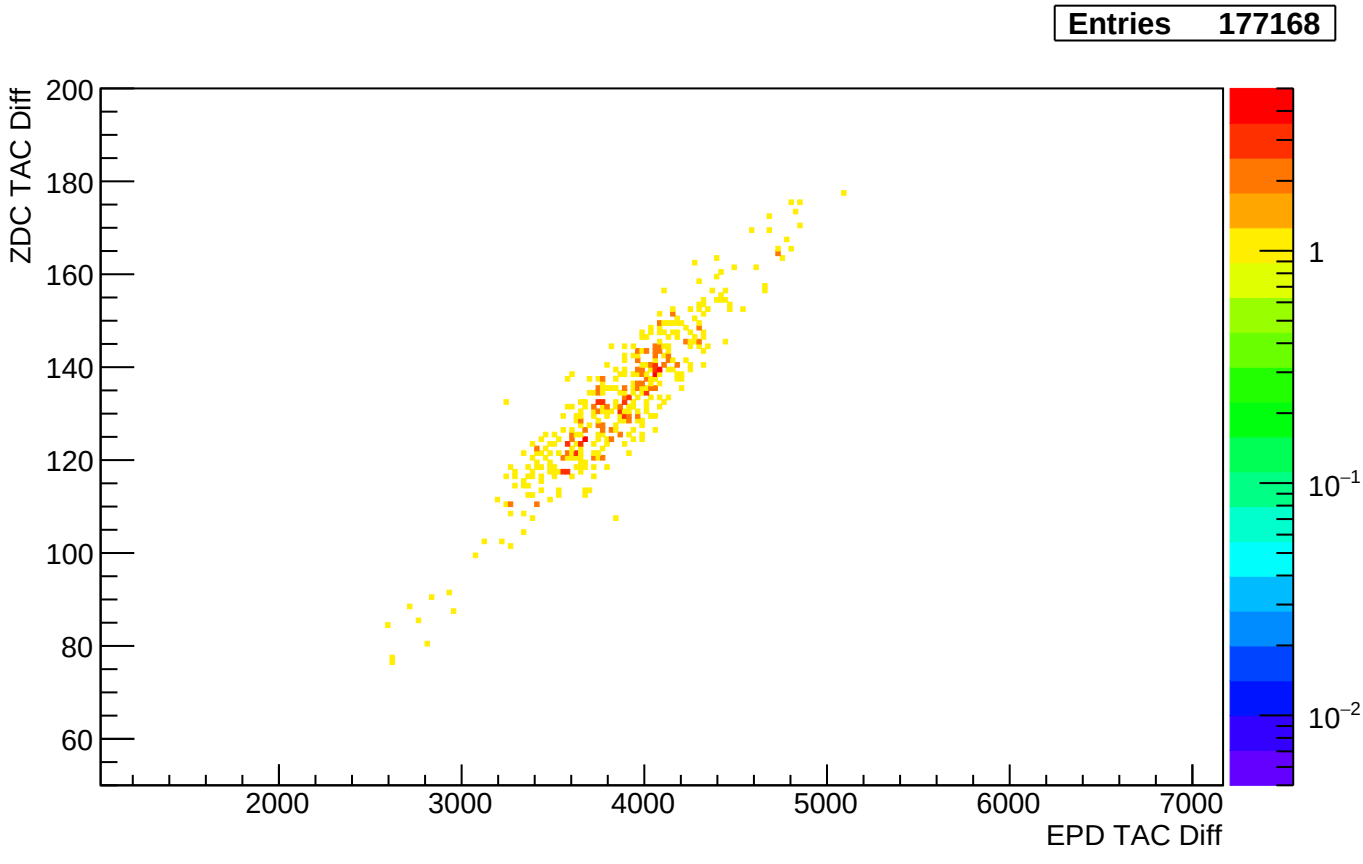

Entries 177168
TOF-Mult
BBC-S-West ADC Sum

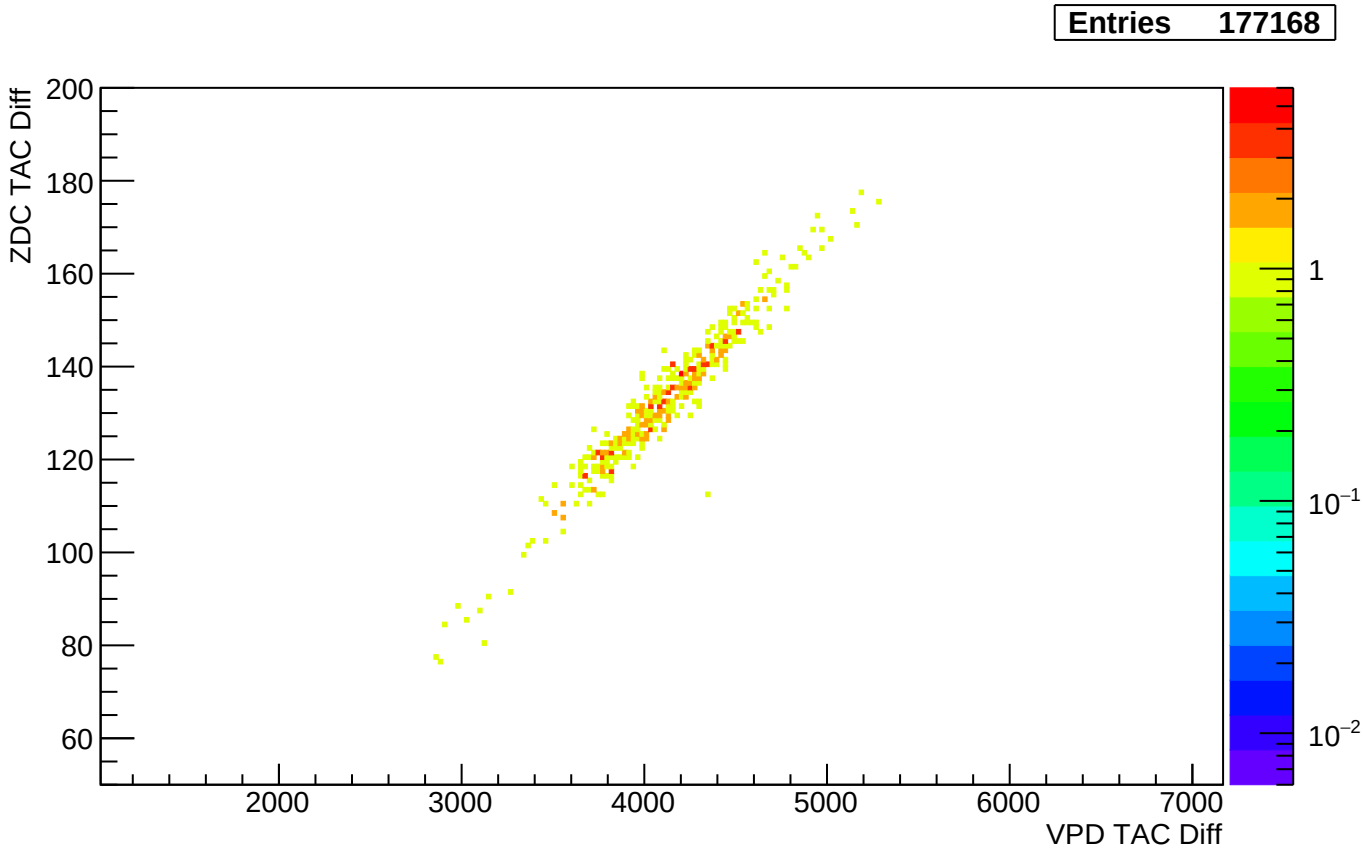

Entries 177168
TOF-Mult
EPD-East Hit Cnt

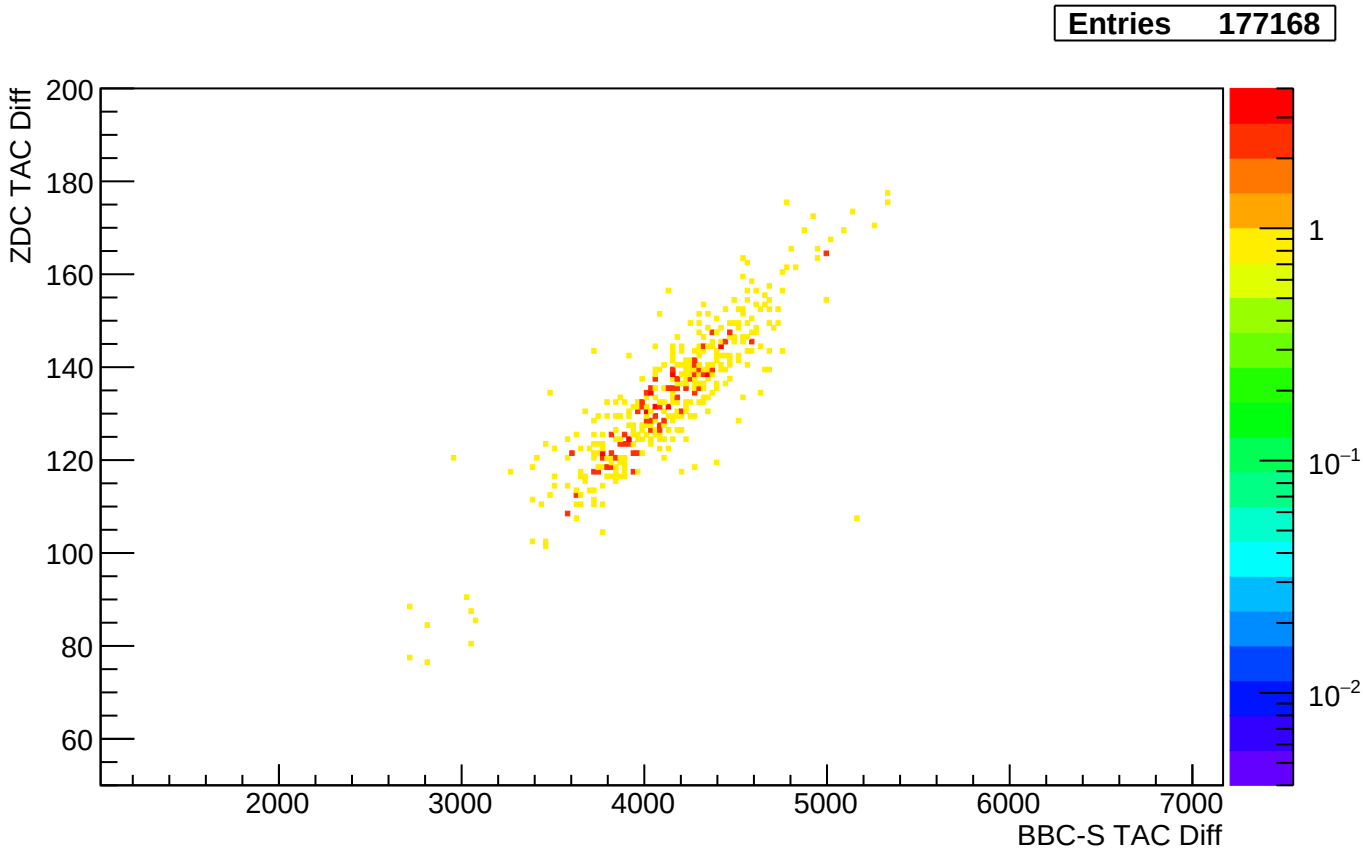

Entries 177168
TOF-Mult
EPD-West Hit Cnt

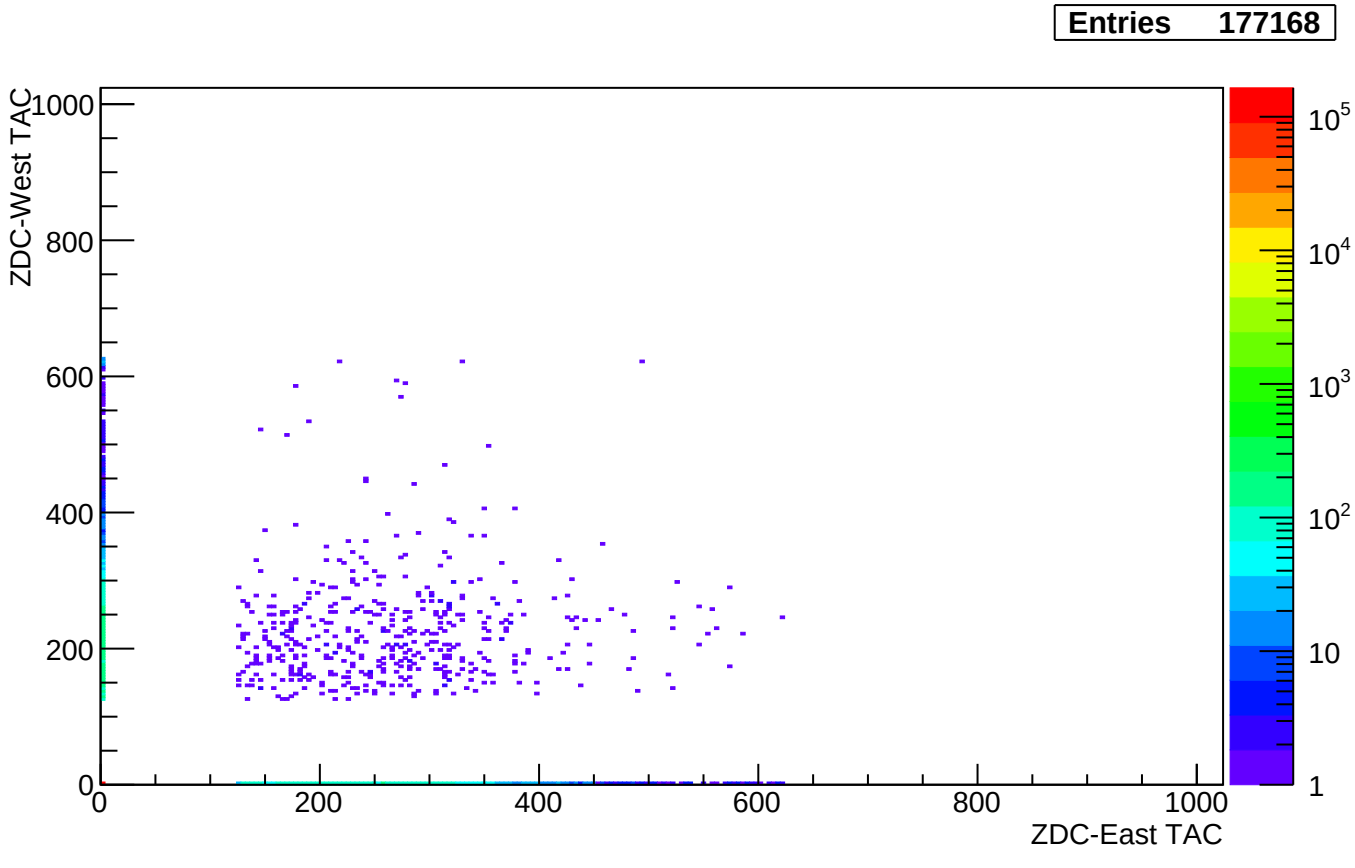

Entries 177168
TOF-Mult
VPD-East ADC Sum

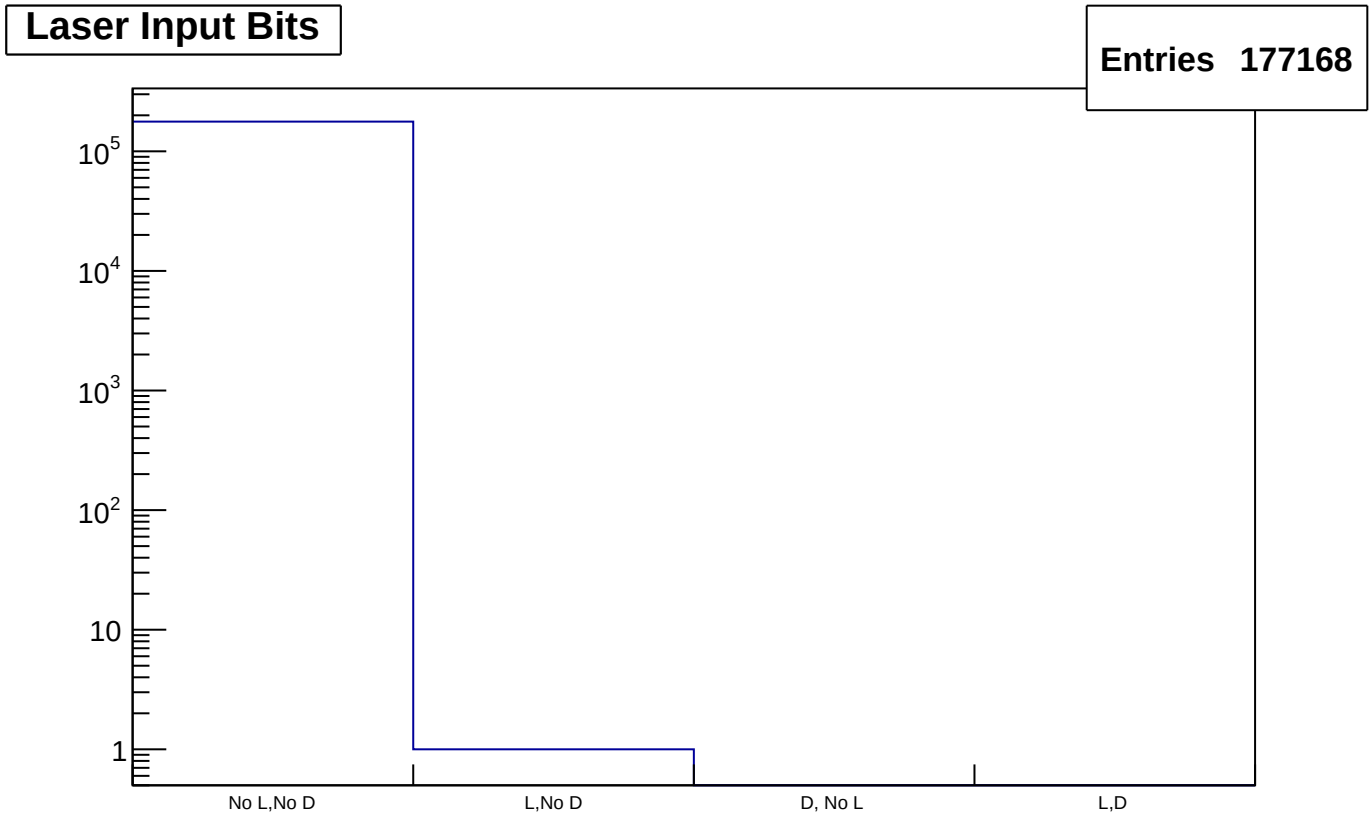

Entries 177168
TOF-Mult
VPD-West ADC Sum

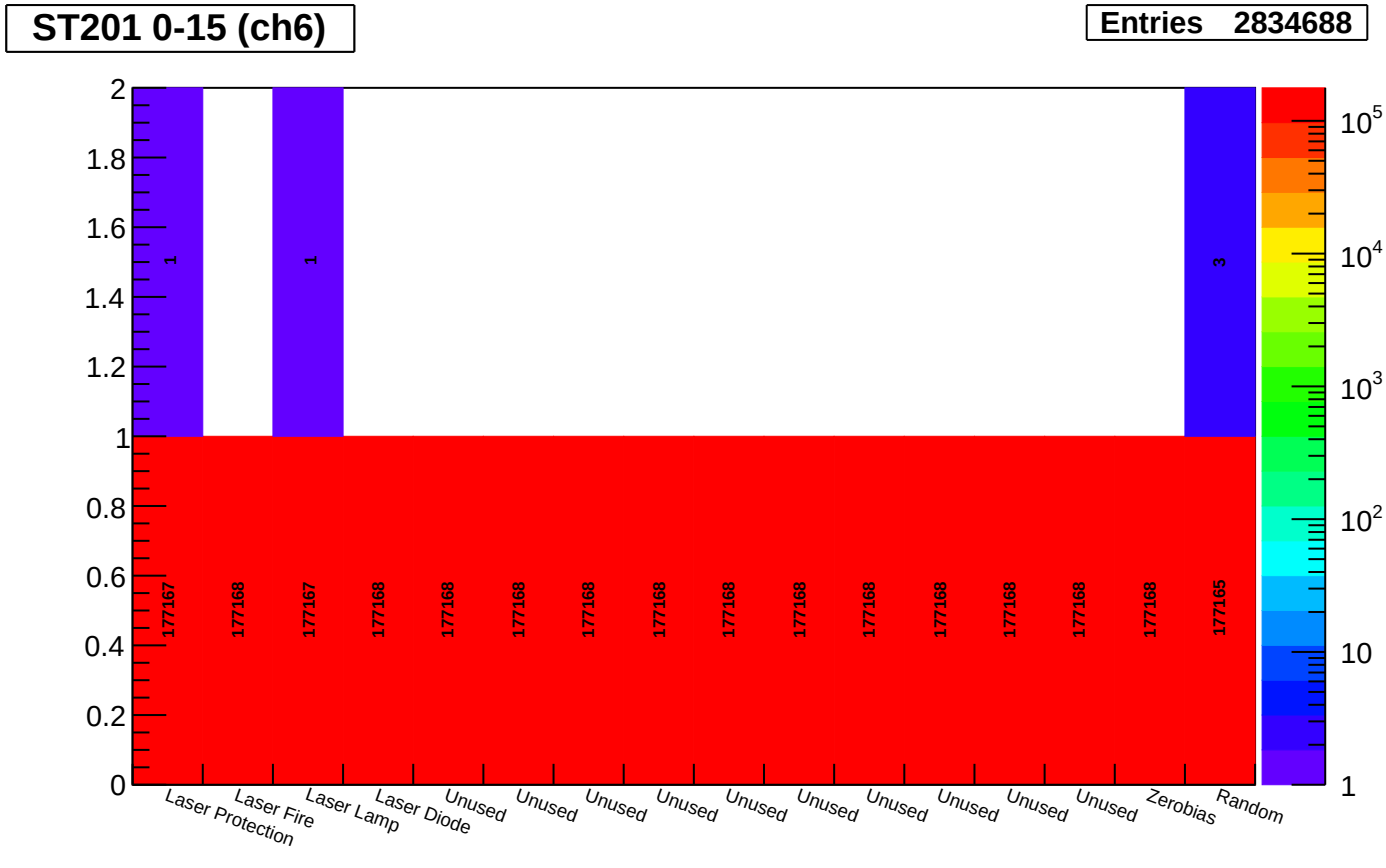

Entries 177168
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

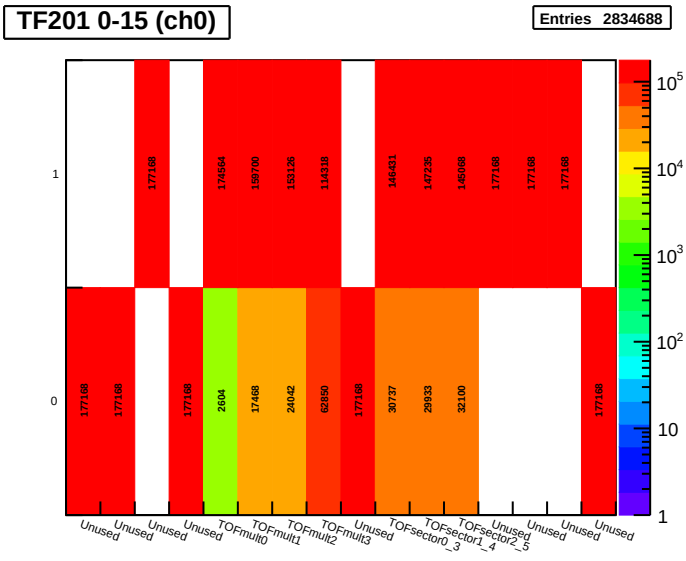

Entries 177168
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

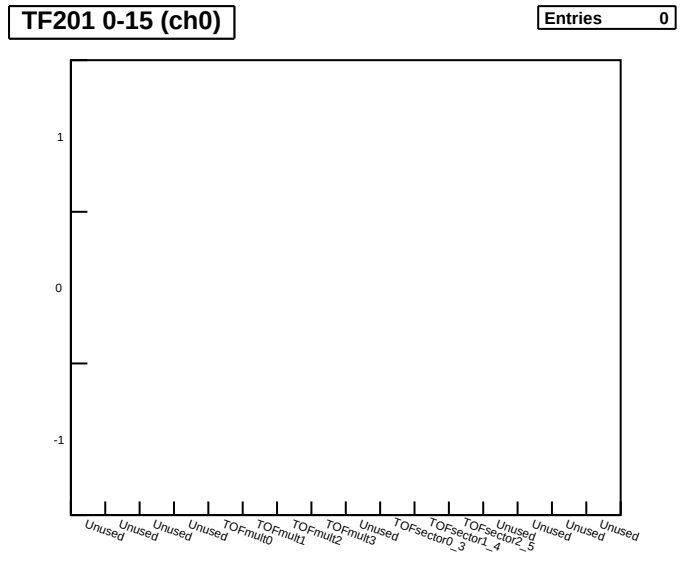

Entries 177168
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

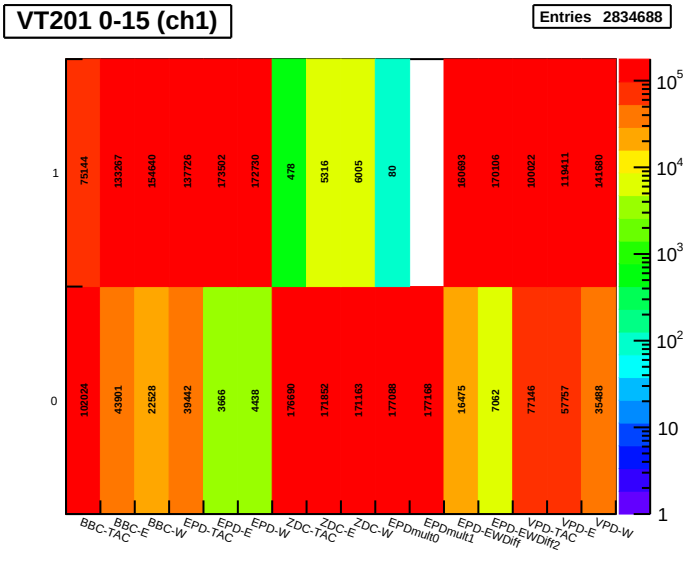

Entries 177168
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

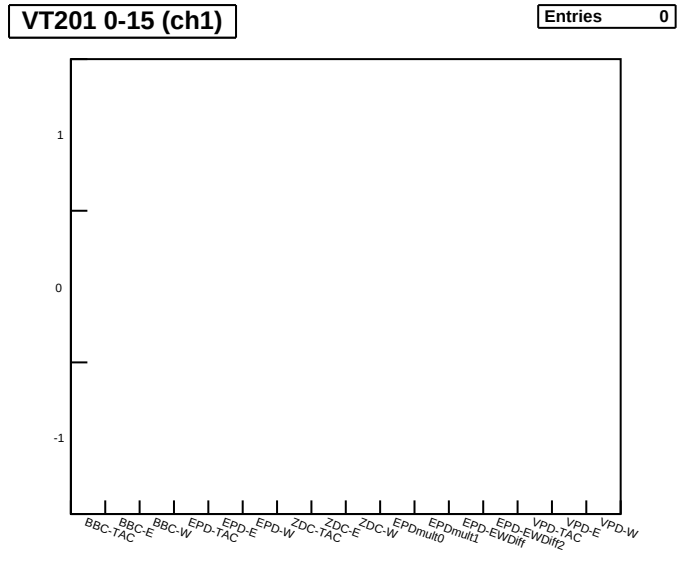

Laser Input Bits
Entries 177168
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

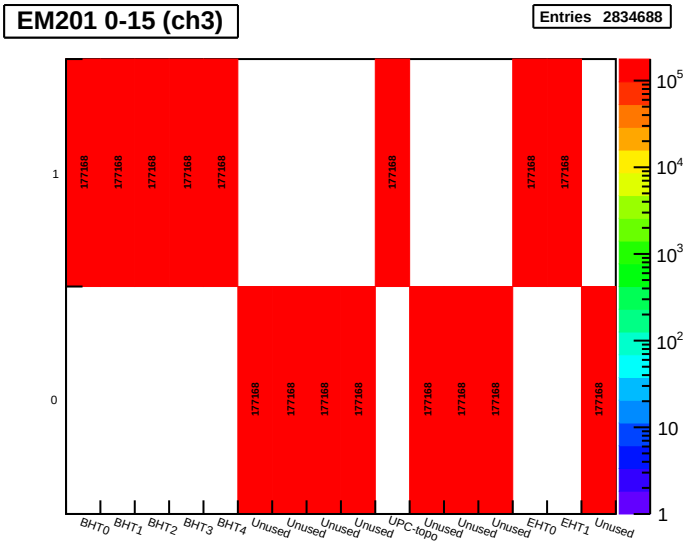

ST201 0-15 (ch6)
Entries 2834688
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1
1
3
177167
177168
177167
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177165
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

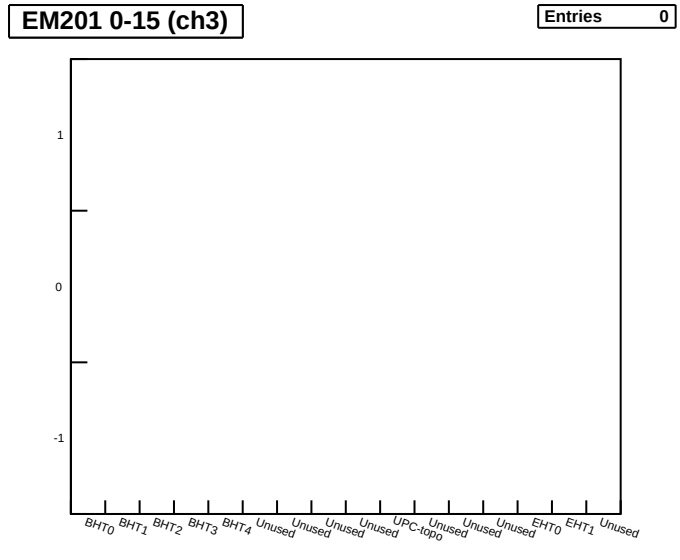

TF201 0-15 (ch0)
Entries 2834688
1
0
177168
174564
159700
153126
114318
146431
147235
145068
177168
177168
177168
177168
177168
177168
2604
17468
24042
62850
177168
30737
29933
32100
177168
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 2834688
1
0
75144
133257
154640
137726
173502
172730
478
5316
6005
80
160693
170106
100022
119411
141680
102024
43901
22528
39442
3666
4438
176690
171852
171163
177088
177168
16475
7062
77146
57757
35488
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 2834688
1
0
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
177168
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