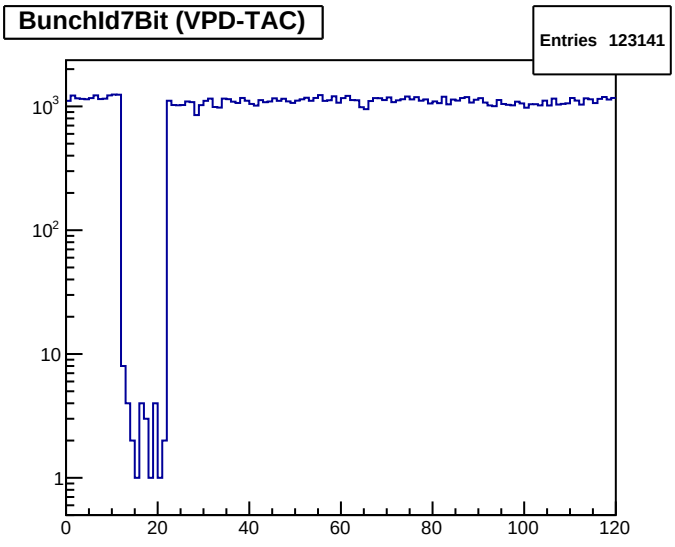
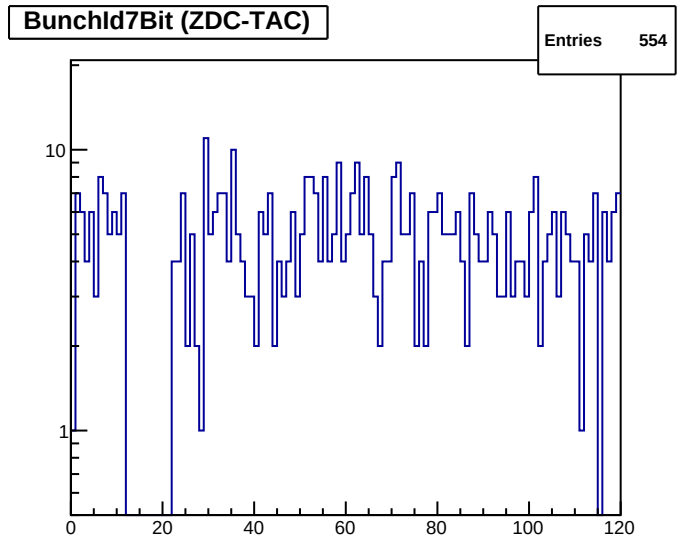
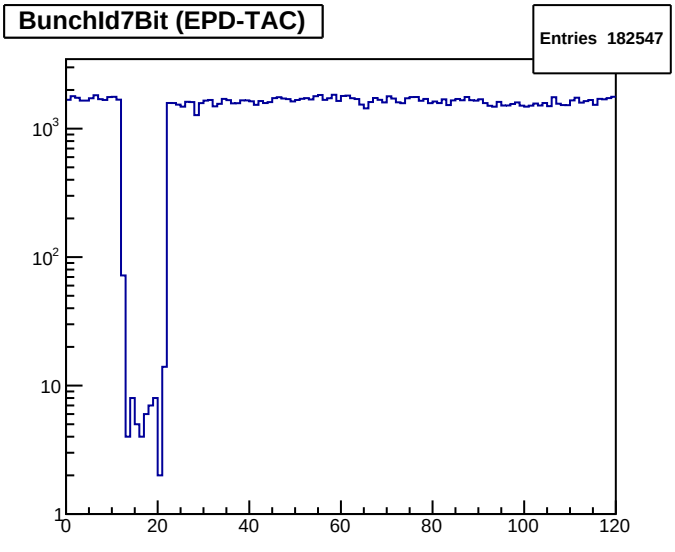
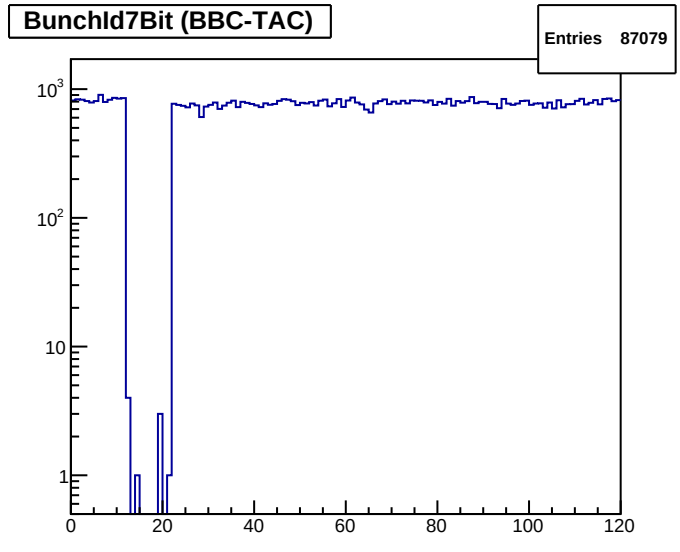
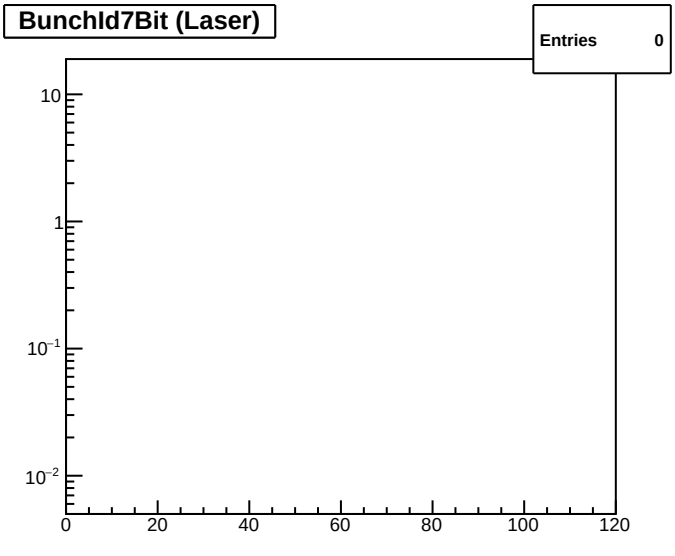
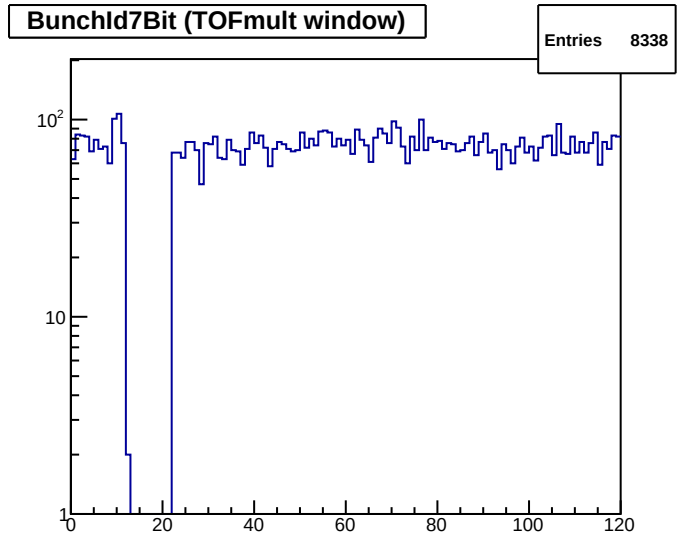

BunchId7Bit (VPD-TAC)
Entries 123141

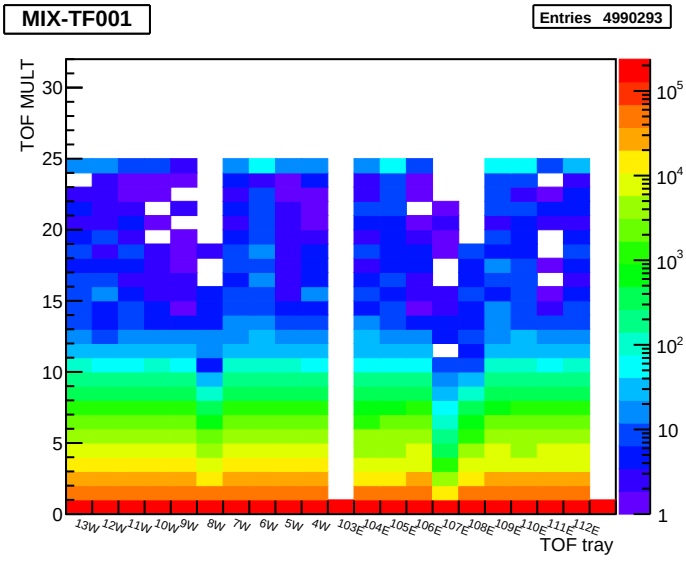

BunchId7Bit (ZDC-TAC)
Entries 554

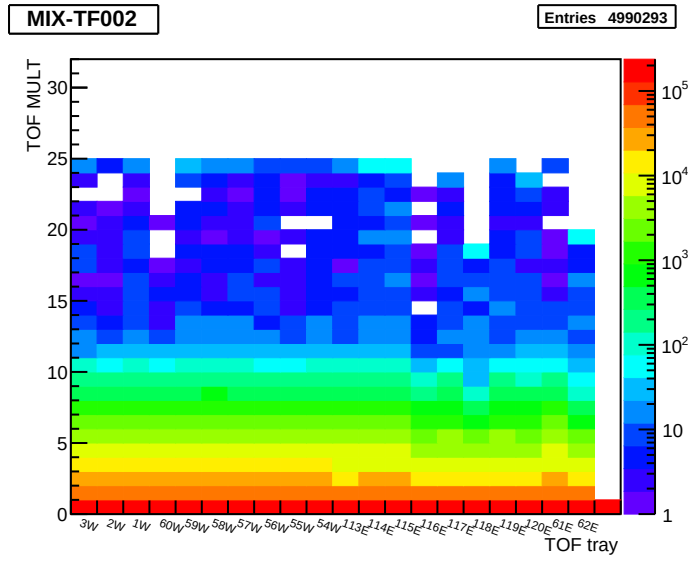

BunchId7Bit (EPD-TAC)
Entries 182547

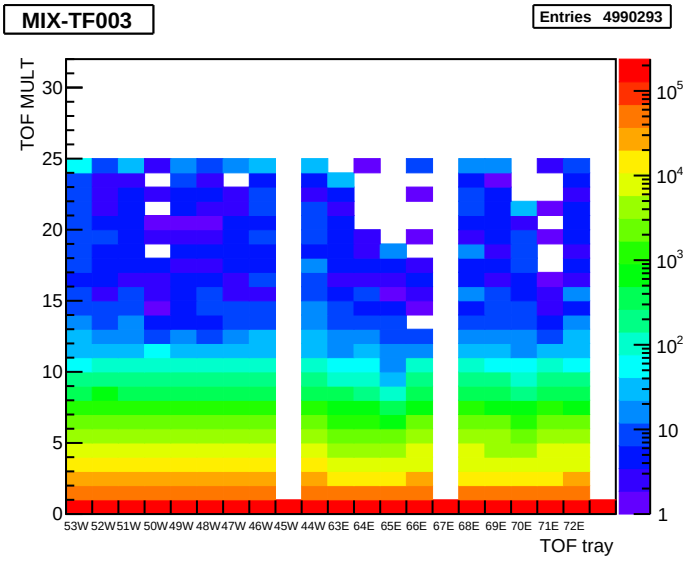

BunchId7Bit (BBC-TAC)
Entries 87079

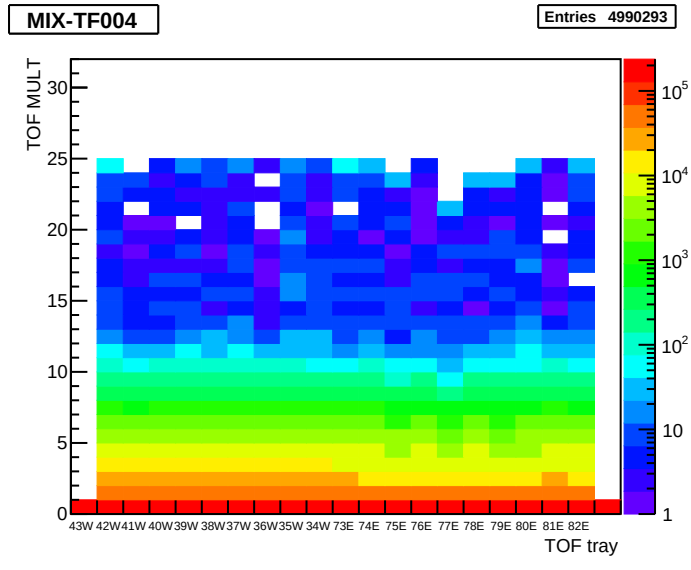

BunchId7Bit (Laser)
Entries 0

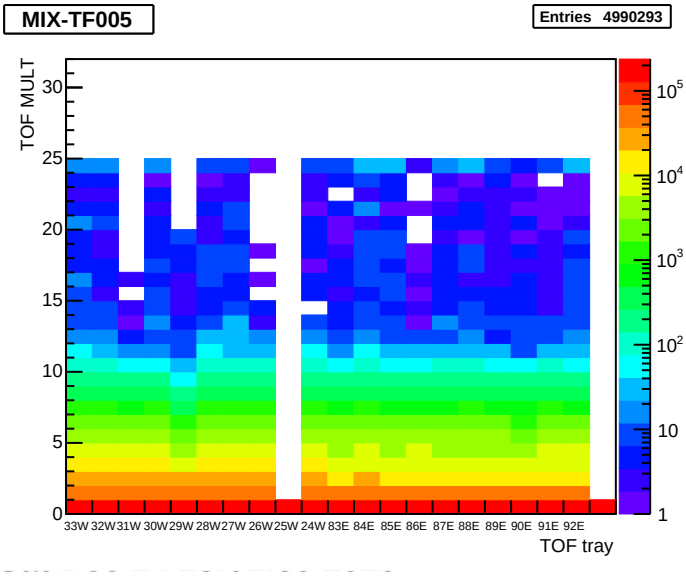

BunchId7Bit (TOFmult window)
Entries 8338

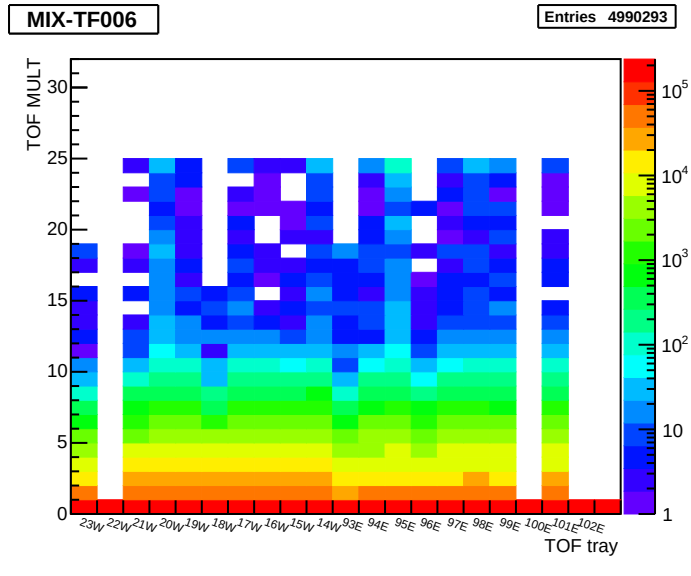

MIX-TF001
Entries 4990293
TOF MULT
TOF tray

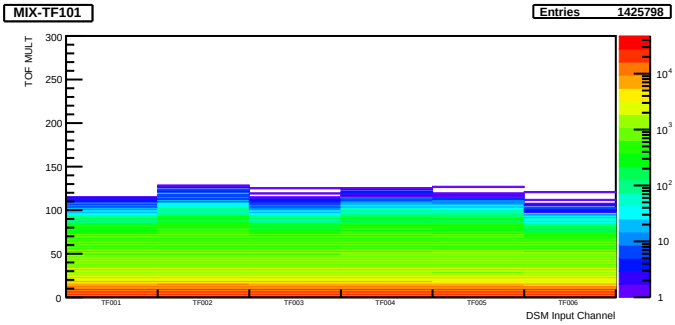

MIX-TF002
Entries 4990293
TOF MULT
TOF tray

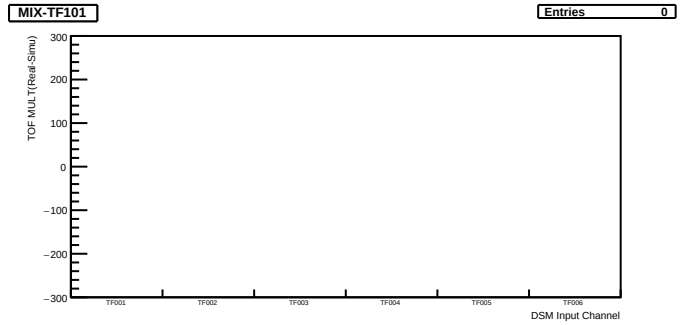

MIX-TF003
Entries 4990293
TOF MULT
TOF tray

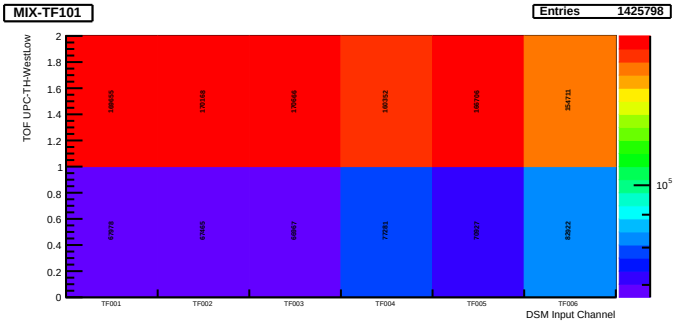

MIX-TF004
Entries 4990293
TOF MULT
TOF tray

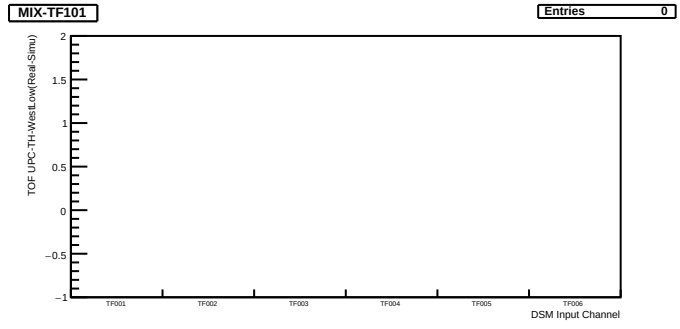

MIX-TF005
Entries 4990293
TOF MULT
TOF tray

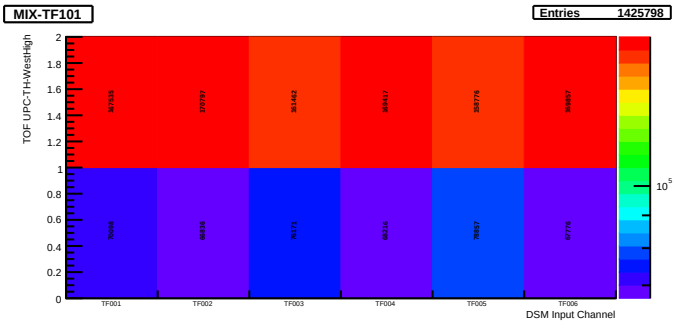

MIX-TF006
Entries 4990293
TOF MULT
TOF tray

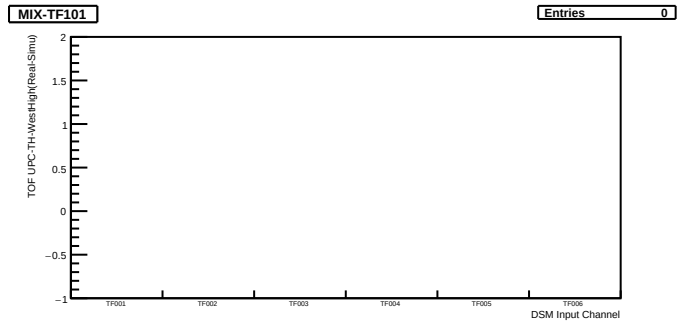

MIX-TF101
Entries 1425798
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

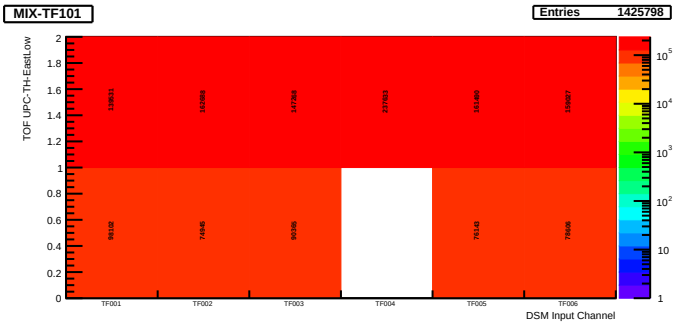

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

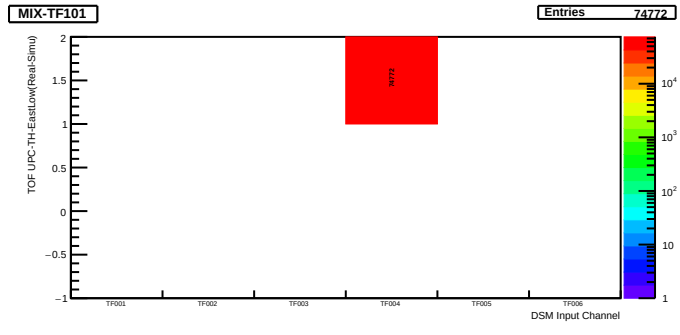

MIX-TF101
Entries 1425798
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

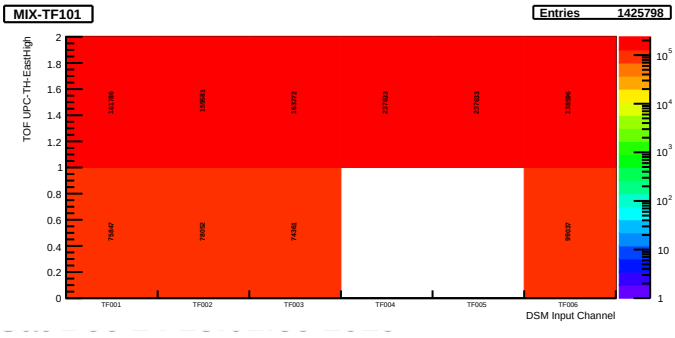

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

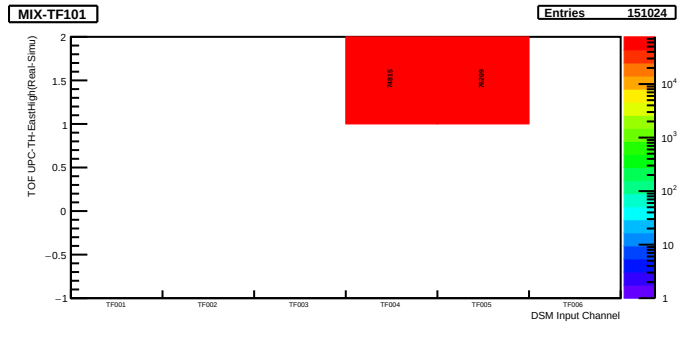

MIX-TF101
Entries 1425798
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

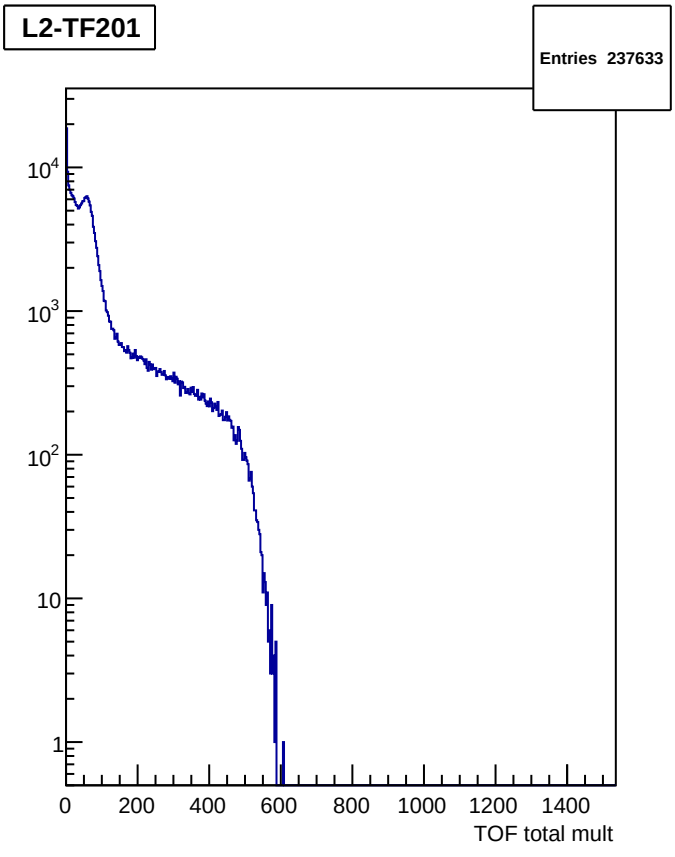

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

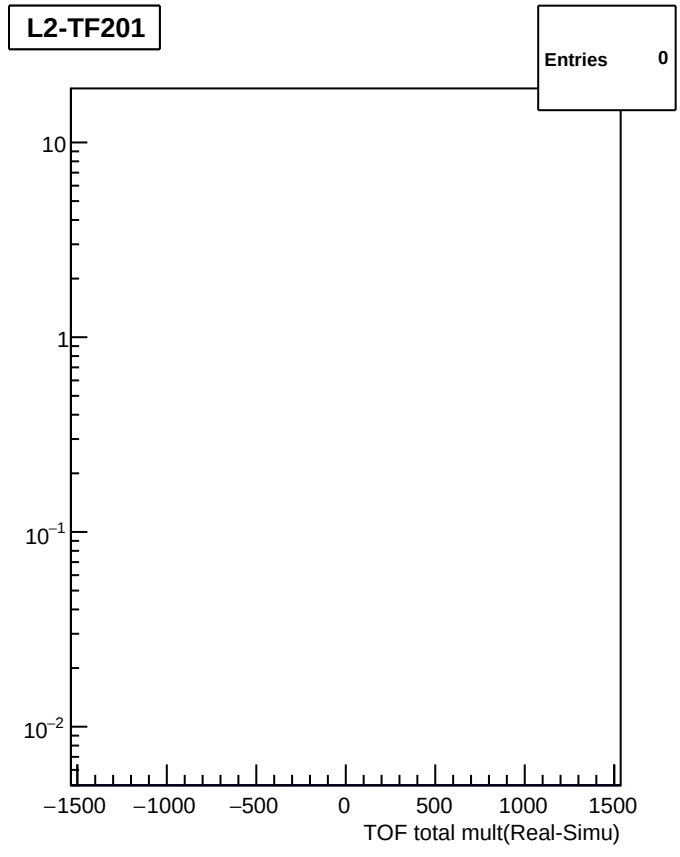

MIX-TF101
Entries 1425798
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

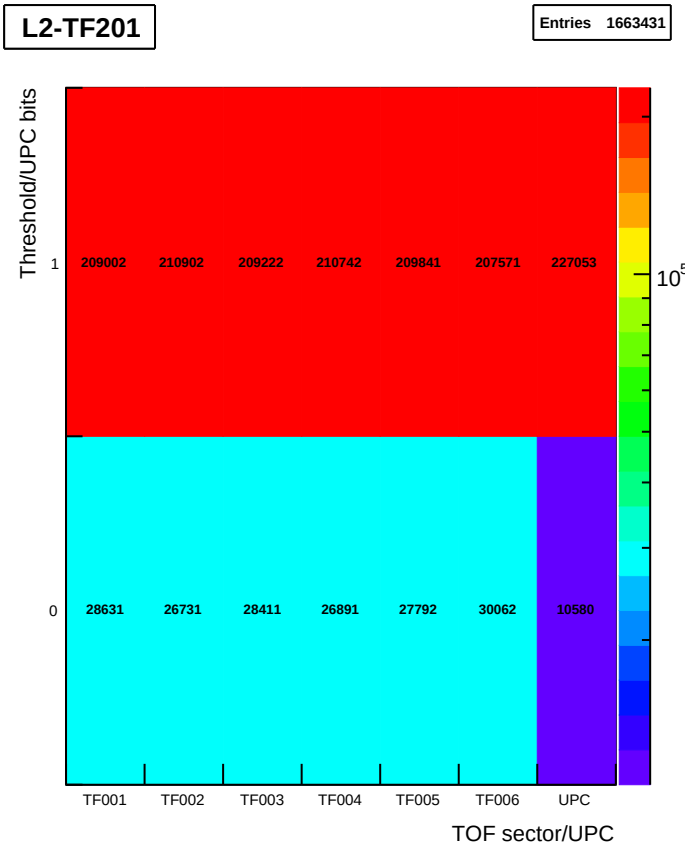

MIX-TF101
Entries 74772
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

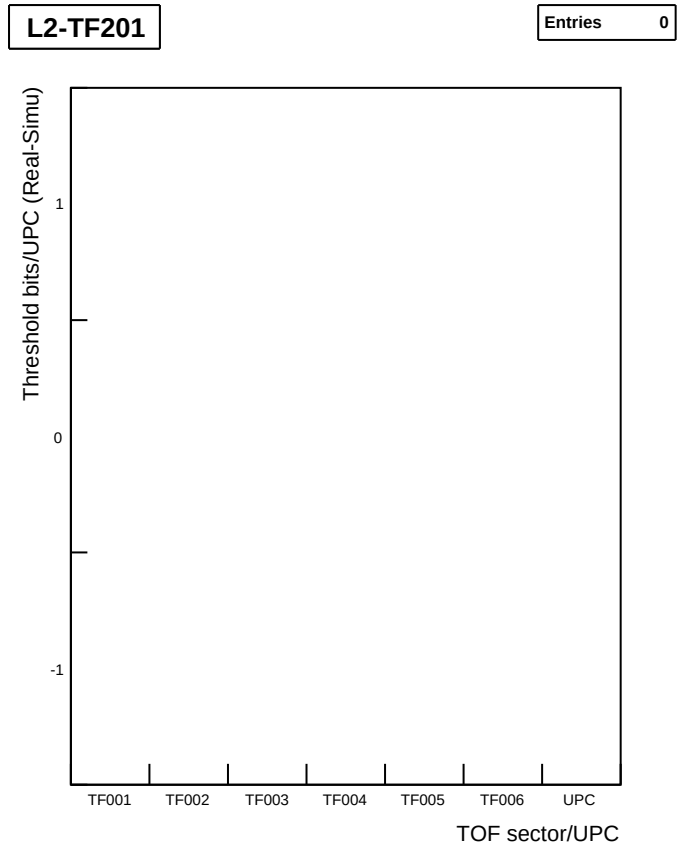

MIX-TF101
Entries 1425798
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

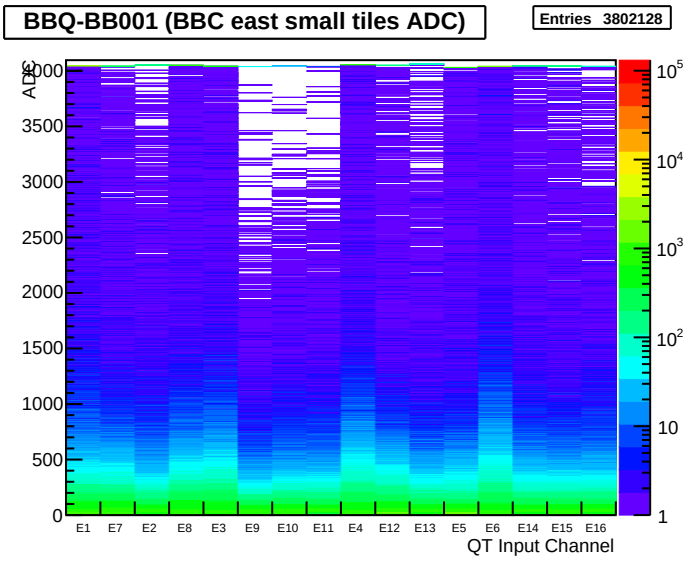

MIX-TF101
Entries 151024
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

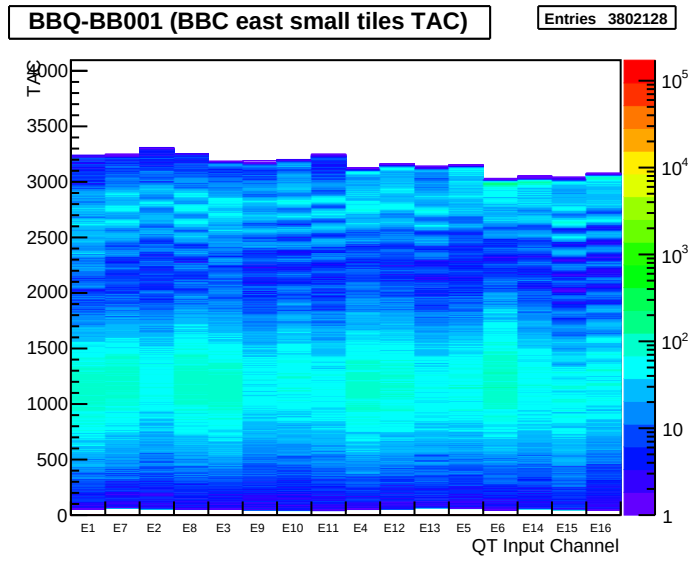

L2-TF201
Entries 237633
TOF total mult

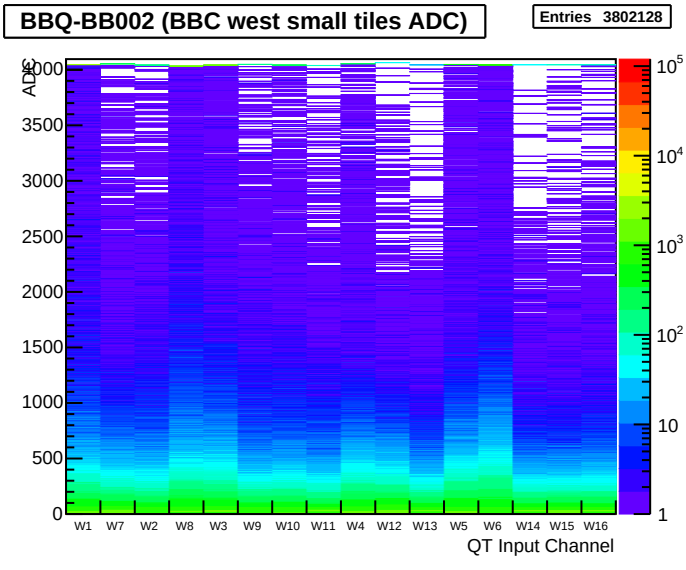

L2-TF201
Entries 0
TOF total mult(Real-Simu)

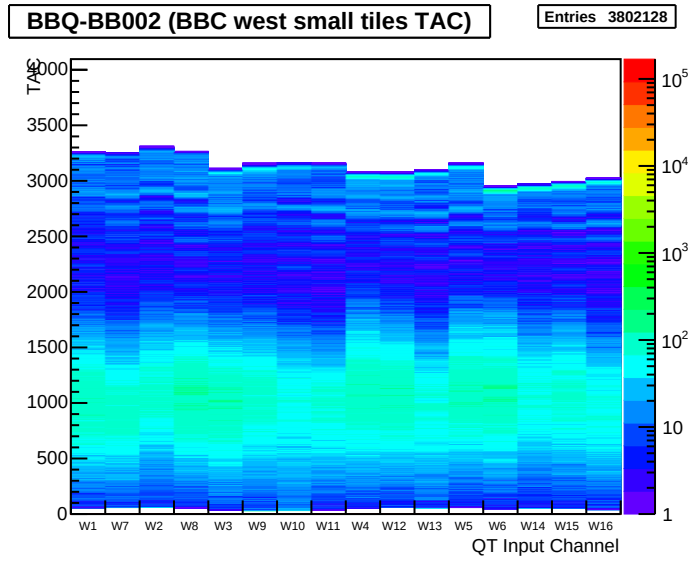

L2-TF201
Entries 1663431
Threshold/UPC bits
209002 210902 209222 210742 209841 207571 227053
28631 26731 28411 26891 27792 30062 10580
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

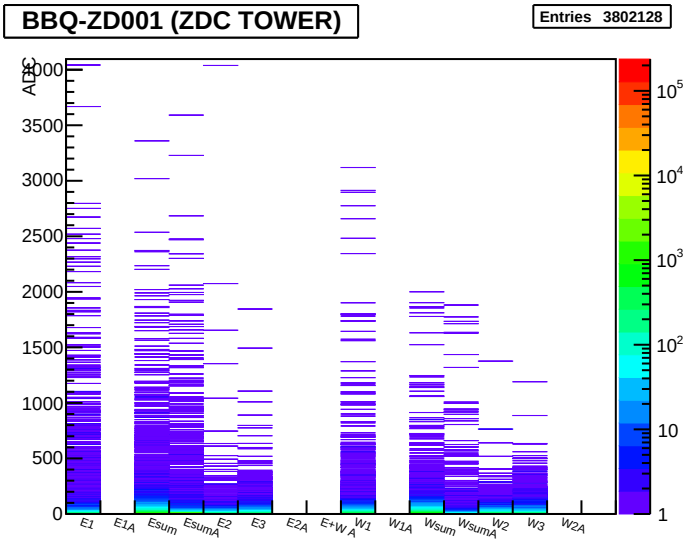

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

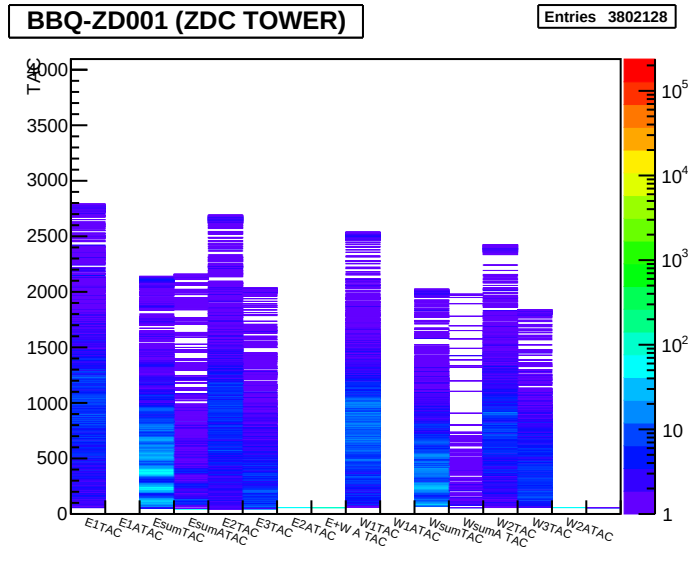

BBQ-BB001 (BBC east small tiles ADC)
Entries 3802128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

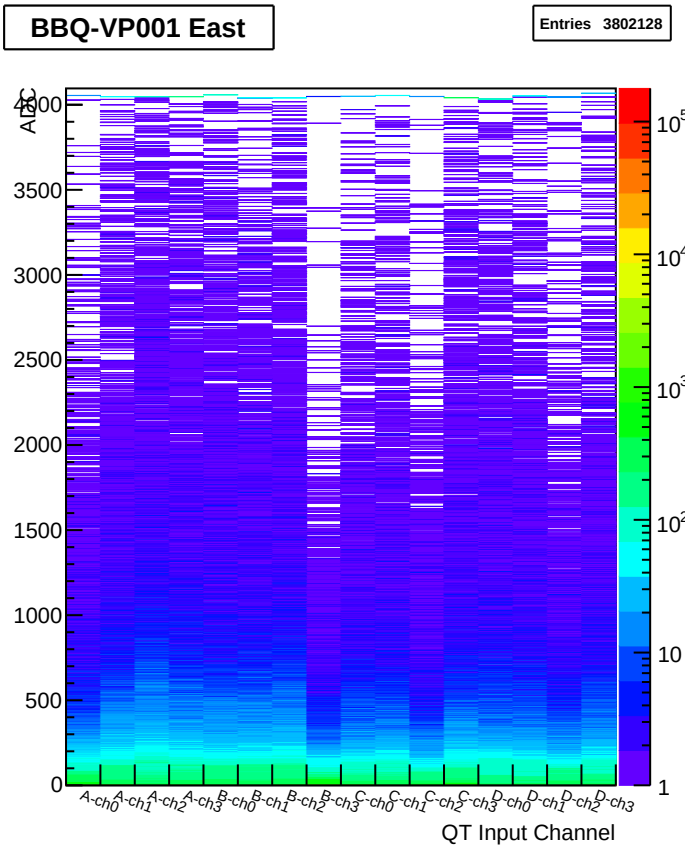

BBQ-BB001 (BBC east small tiles TAC)
Entries 3802128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

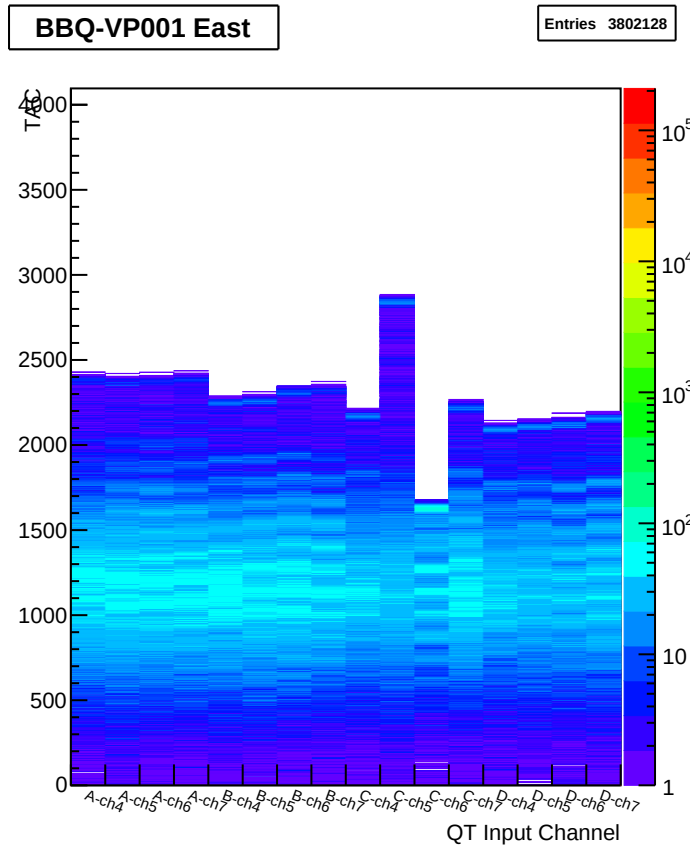

BBQ-BB002 (BBC west small tiles ADC)
Entries 3802128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

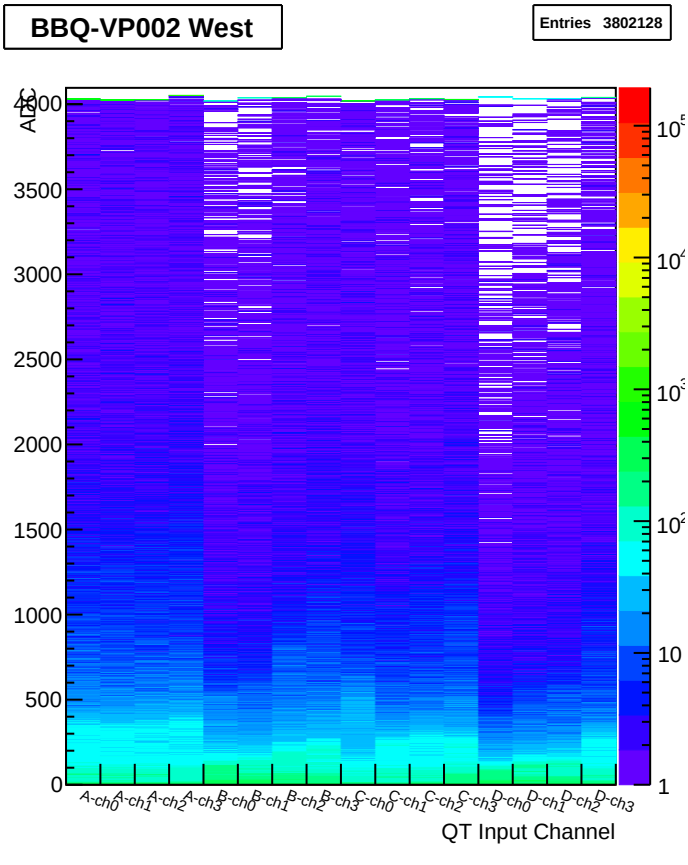

BBQ-BB002 (BBC west small tiles TAC)
Entries 3802128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

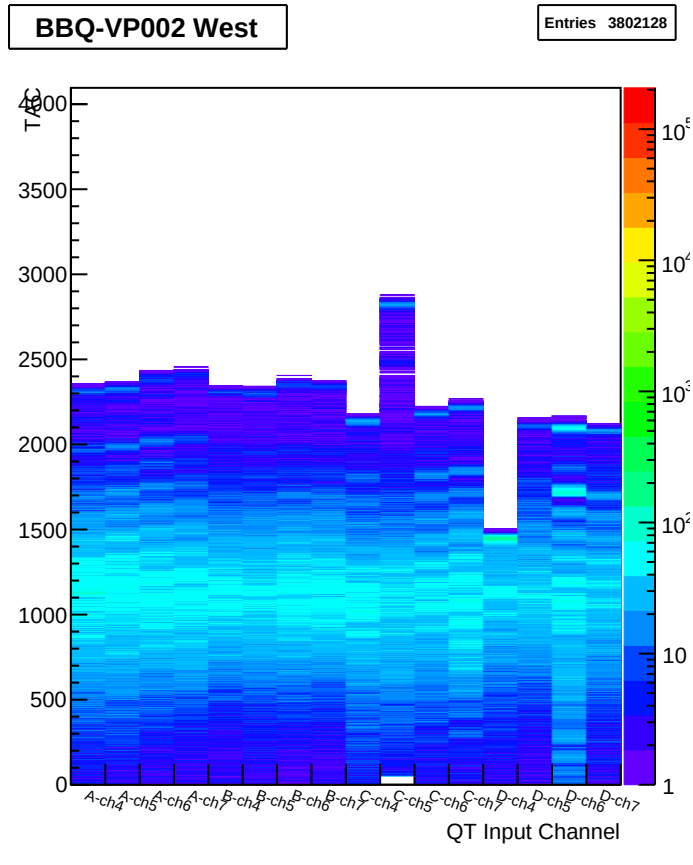

BBQ-ZD001 (ZDC TOWER)
Entries 3802128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

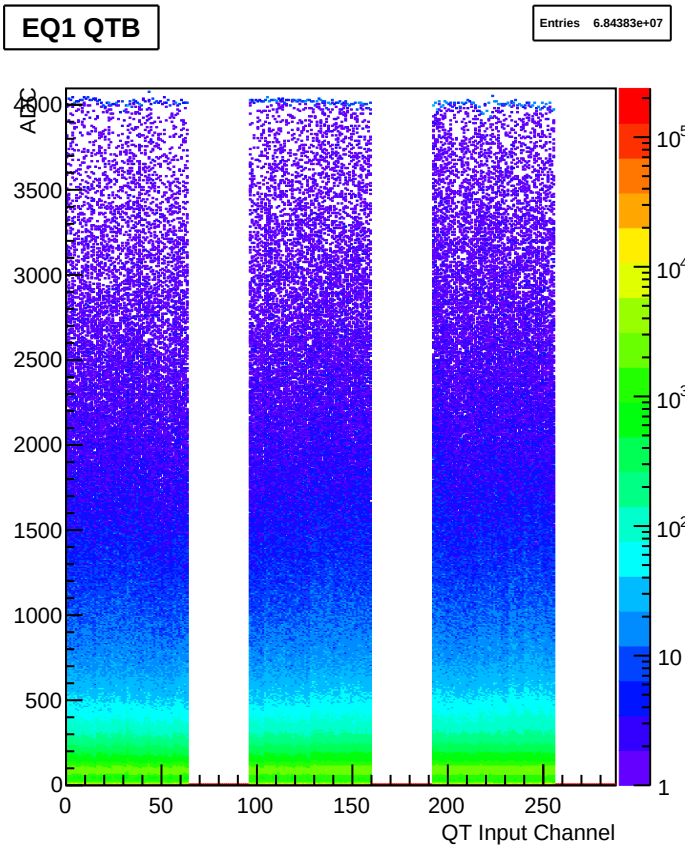

BBQ-ZD001 (ZDC TOWER)
Entries 3802128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

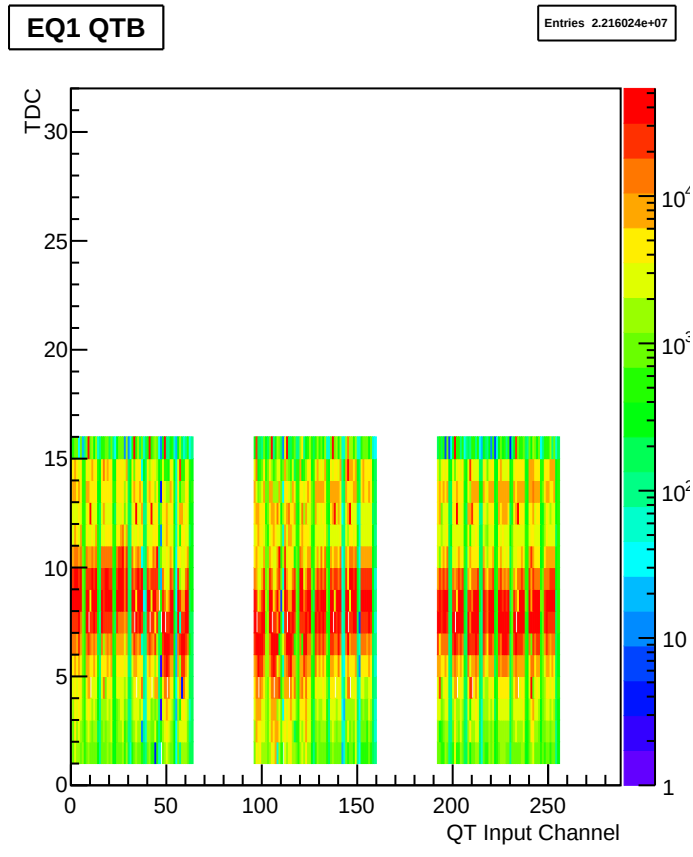

BBQ-VP001 East
Entries 3802128
ADC
QT Input Channel

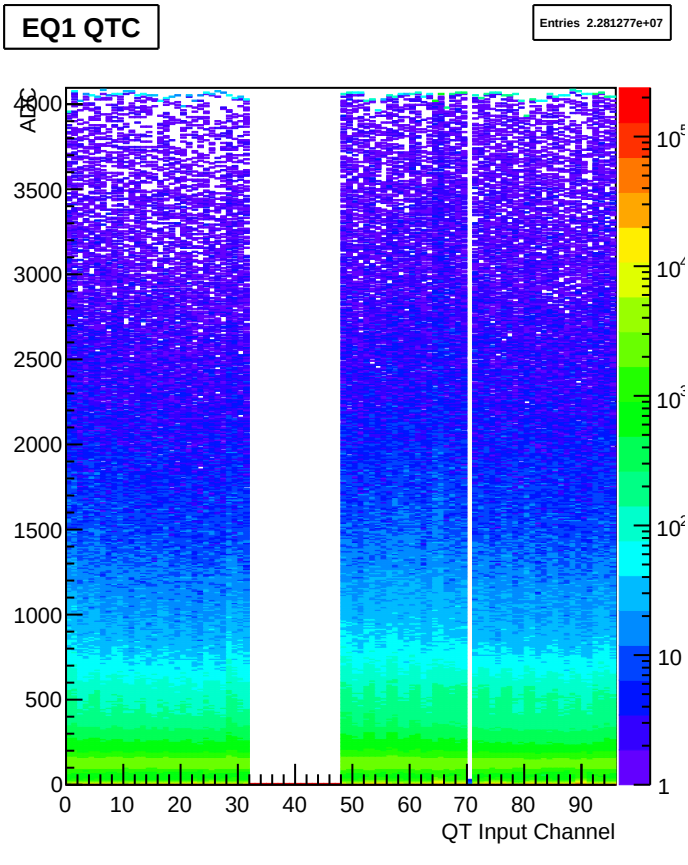

BBQ-VP001 East
Entries 3802128
TADC
QT Input Channel

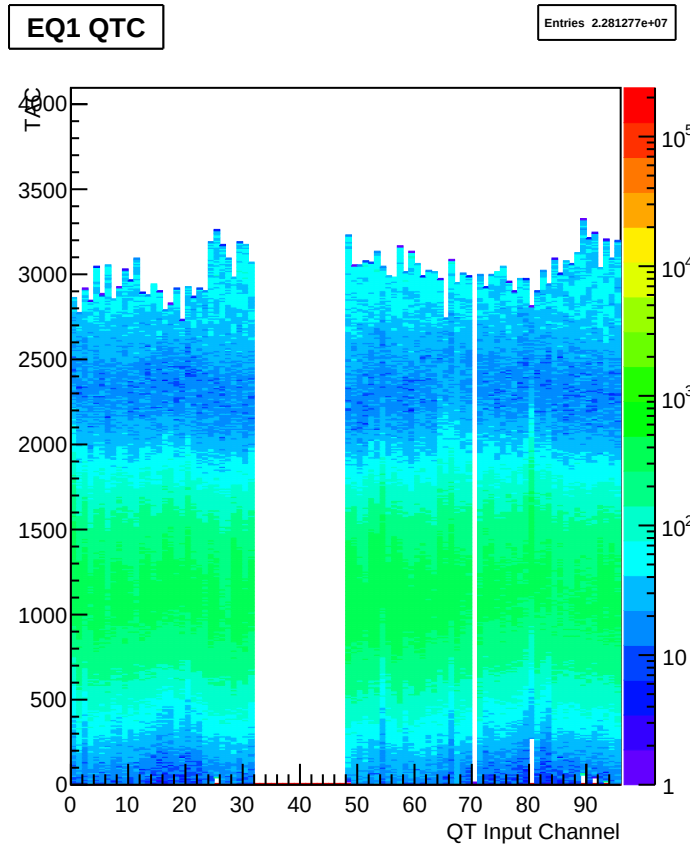

BBQ-VP002 West
Entries 3802128
ADC
QT Input Channel

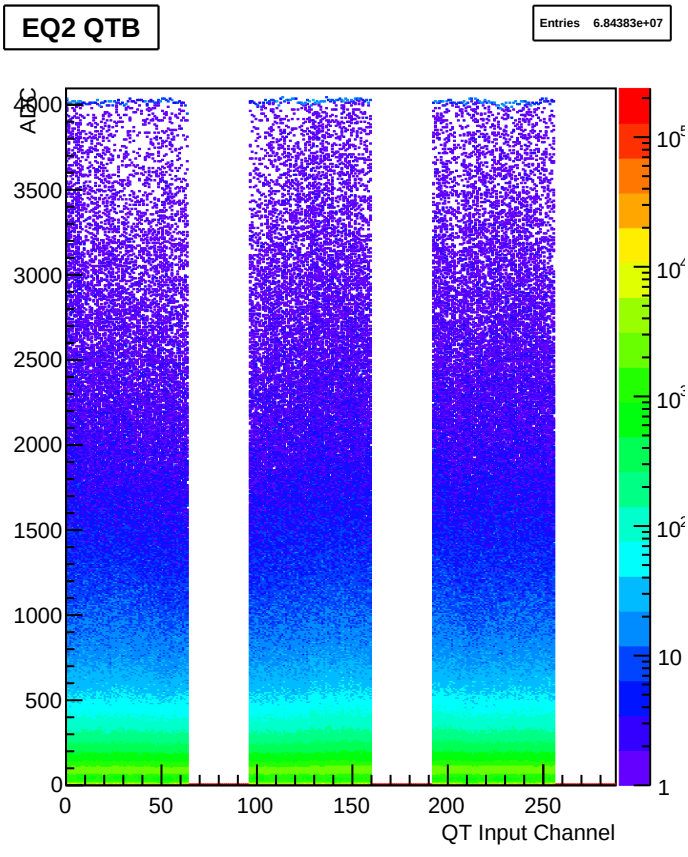

BBQ-VP002 West
Entries 3802128
TADC
QT Input Channel

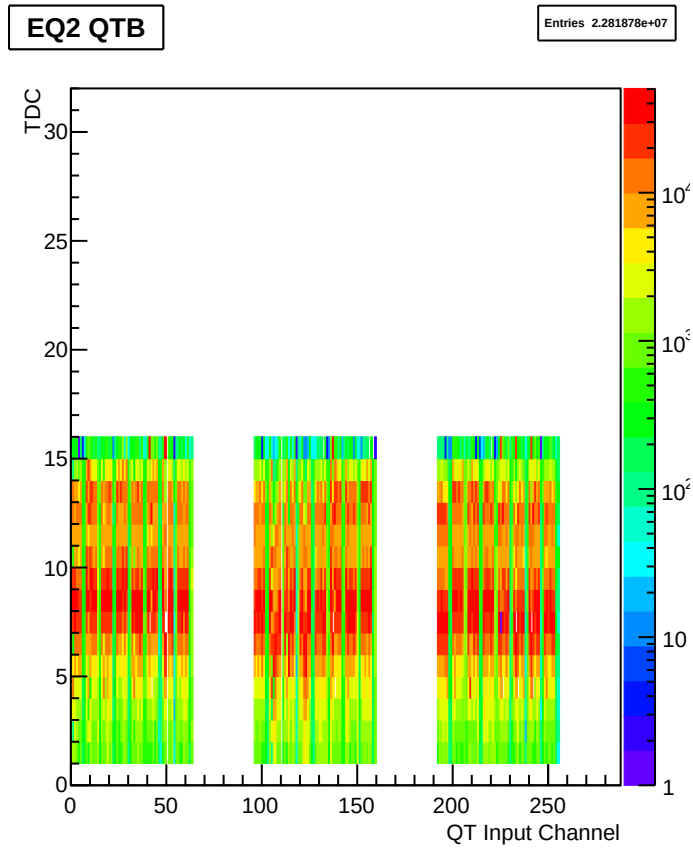

EQ1 QTB
Entries 6.84383e+07
ADC
QT Input Channel

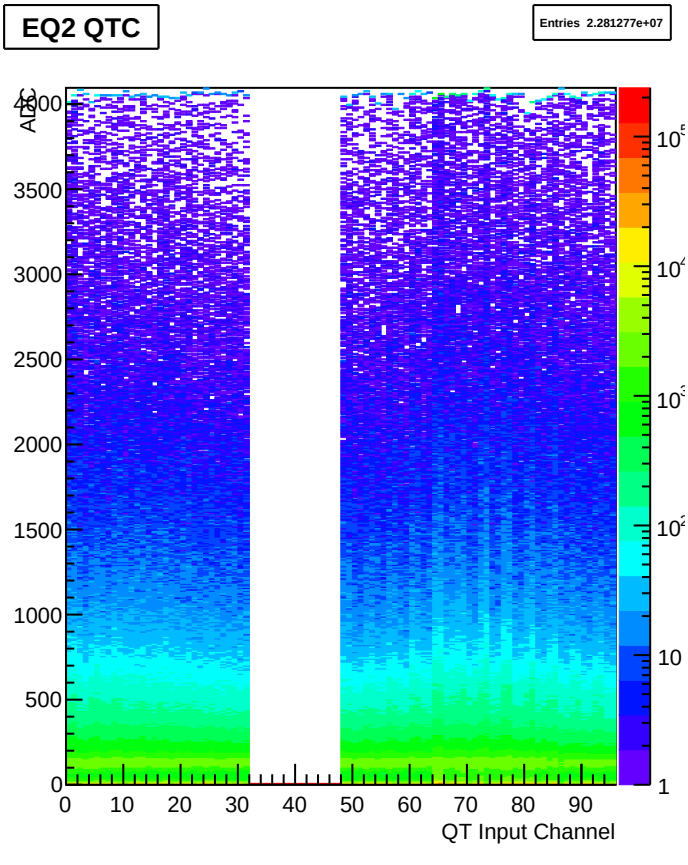

EQ1 QTB
Entries 2.216024e+07
TDC
QT Input Channel

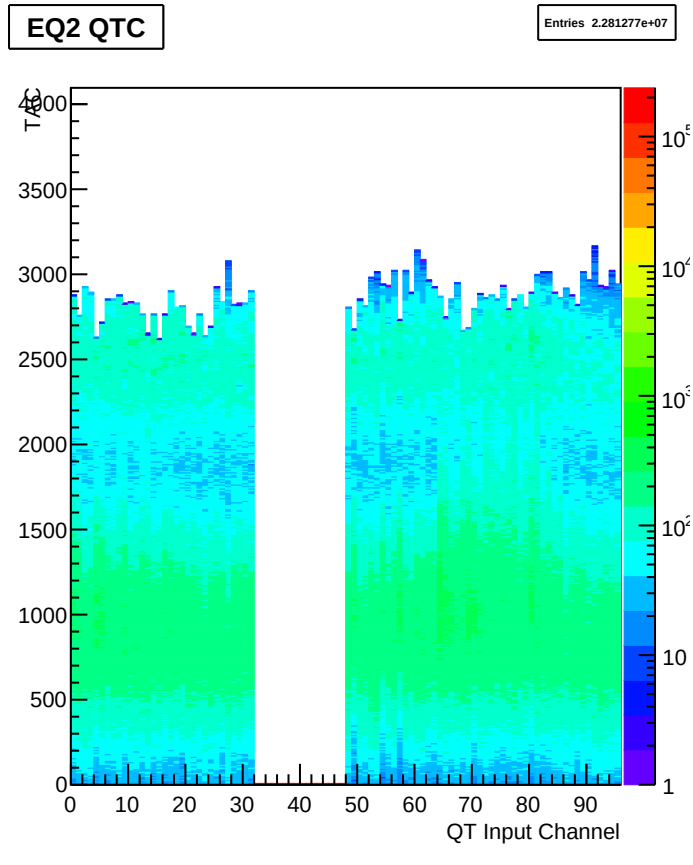

EQ1 QTC
Entries 2.281277e+07
ADC
QT Input Channel

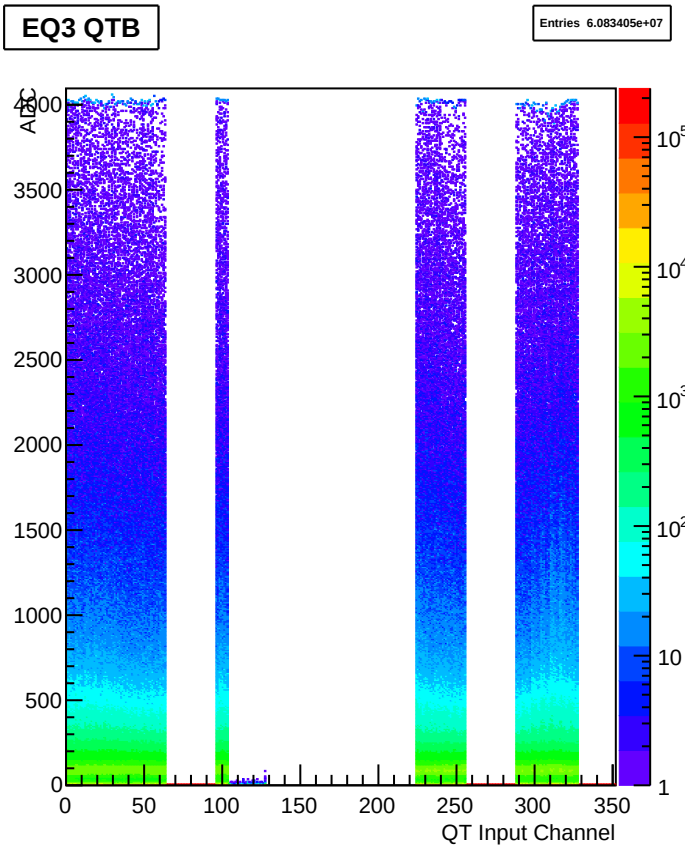

EQ1 QTC
Entries 2.281277e+07
TADC
QT Input Channel

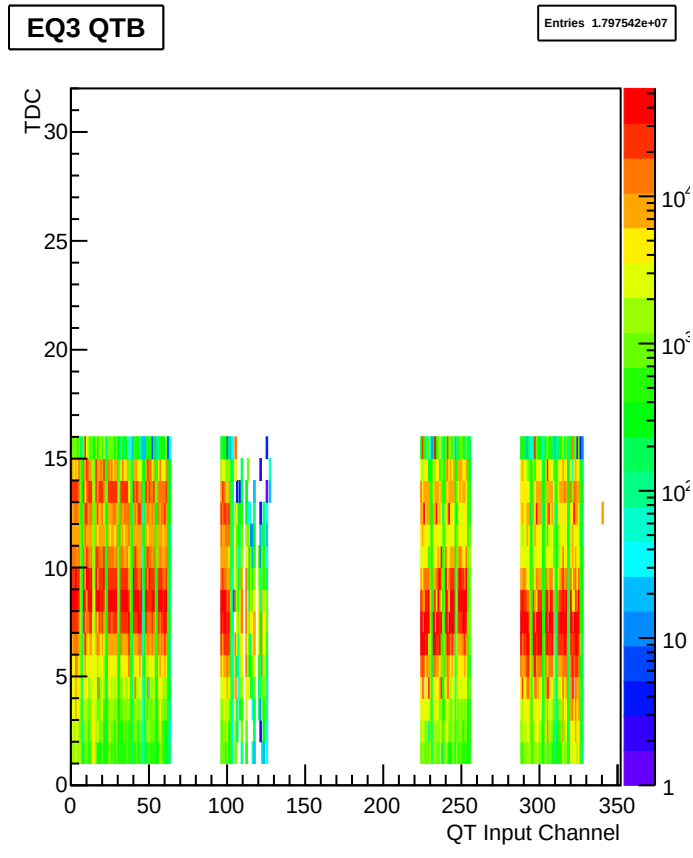

EQ2 QTB
Entries 6.84383e+07
ADC
QT Input Channel

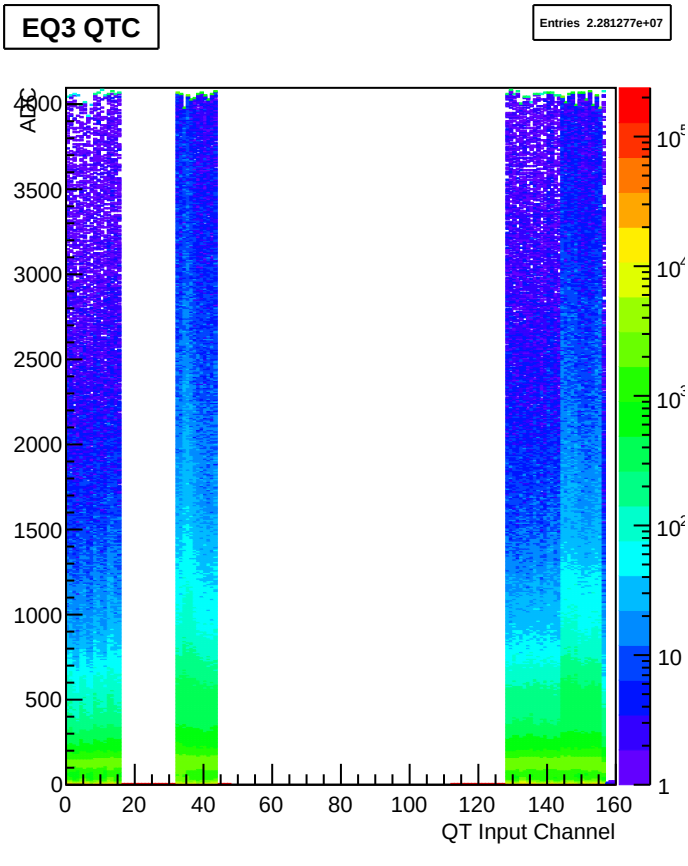

EQ2 QTB
Entries 2.281878e+07
TDC
QT Input Channel

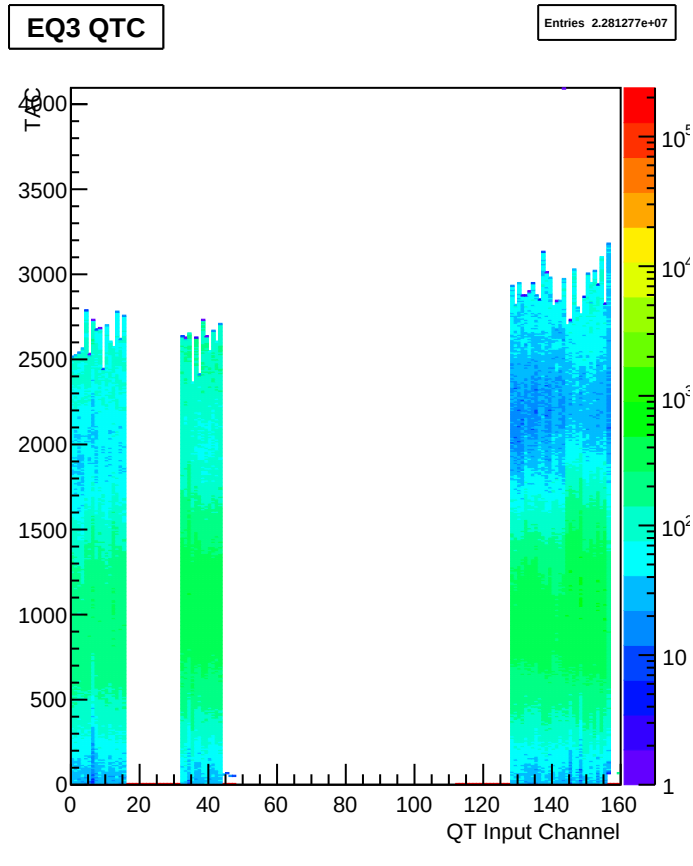

EQ2 QTC
Entries 2.281277e+07
ADC
QT Input Channel

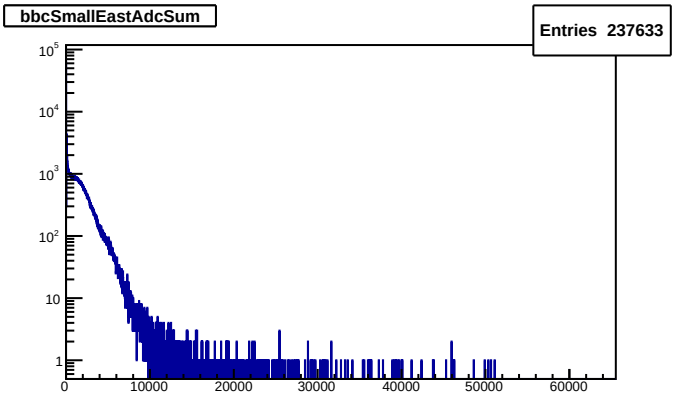

EQ2 QTC
Entries 2.281277e+07
TADC
QT Input Channel

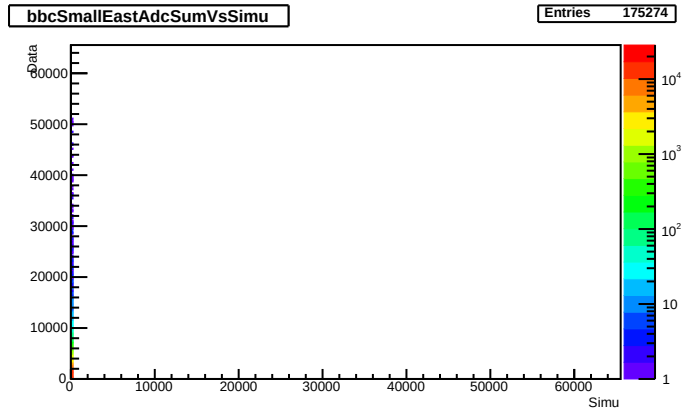

EQ3 QTB
Entries 6.083405e+07
ADC
QT Input Channel

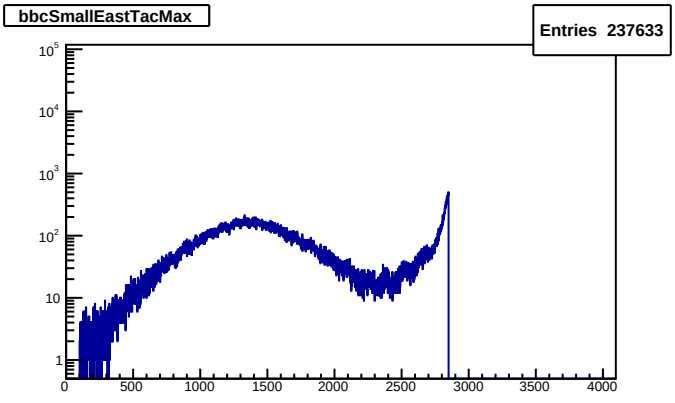

EQ3 QTB
Entries 1.797542e+07
TDC
QT Input Channel

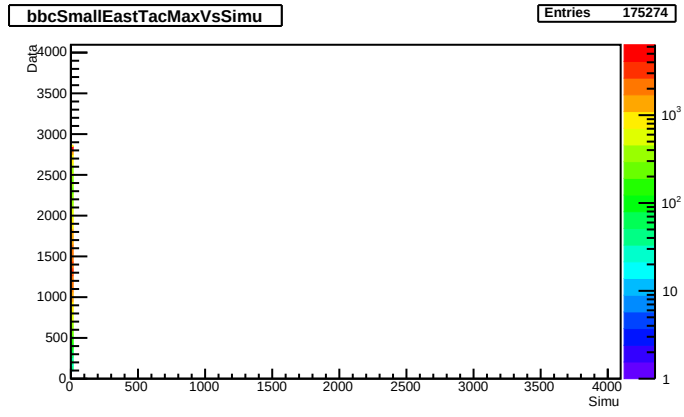

EQ3 QTC
Entries 2.281277e+07
ADC
QT Input Channel

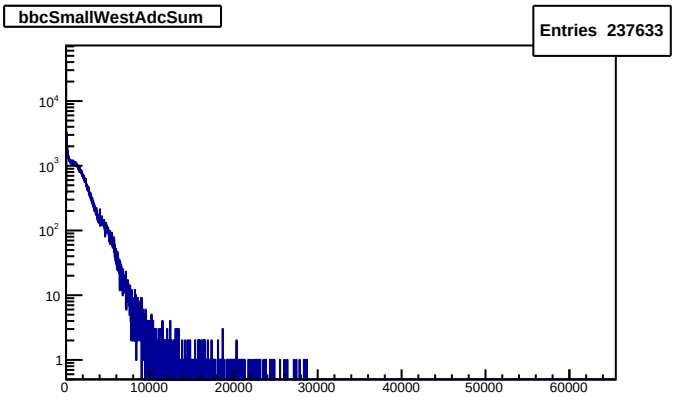

EQ3 QTC
Entries 2.281277e+07
TADC
QT Input Channel

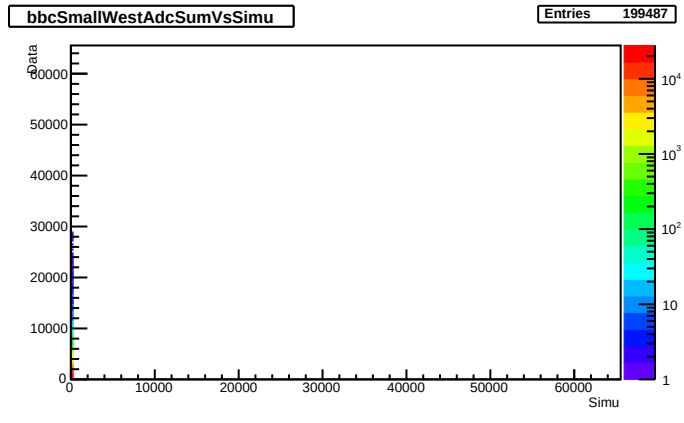

bbcSmallEastAdcSum
Entries 237633

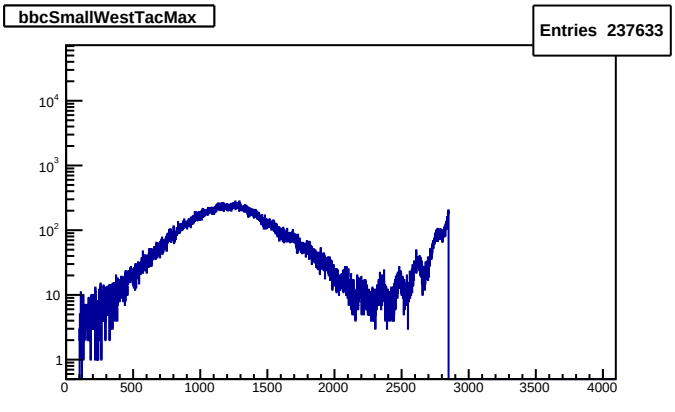

bbcSmallEastAdcSumVsSimu
Entries 175274
Data
Simu

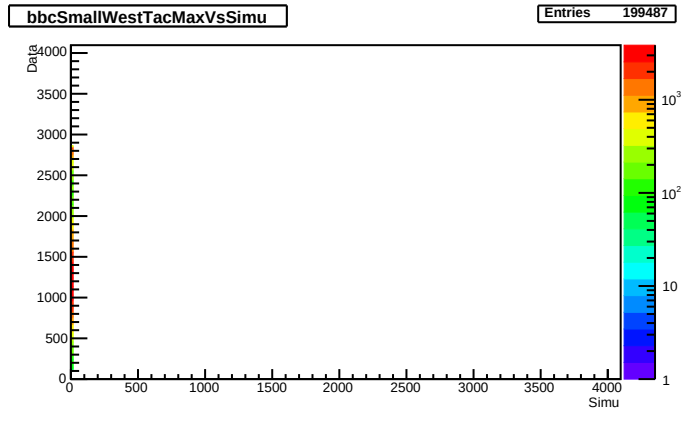

bbcSmallEastTacMax
Entries 237633

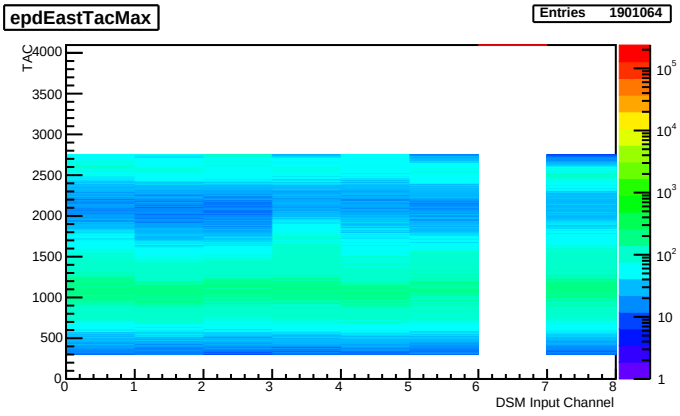

bbcSmallEastTacMaxVsSimu
Entries 175274
Data
Simu

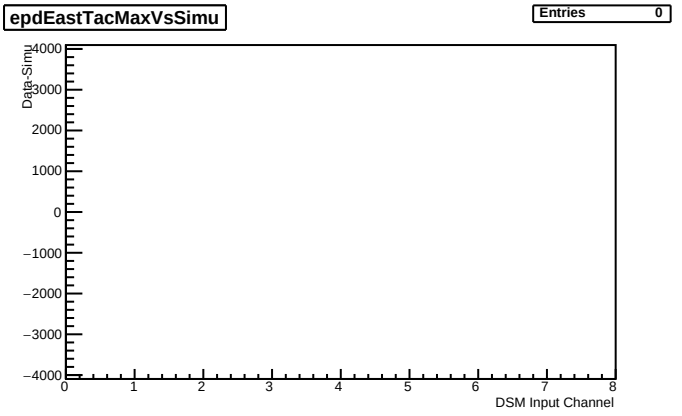

bbcSmallWestAdcSum
Entries 237633

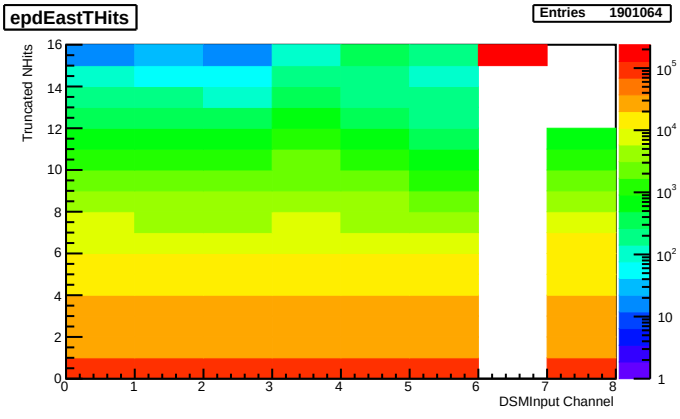

bbcSmallWestAdcSumVsSimu
Entries 199487
Data
Simu

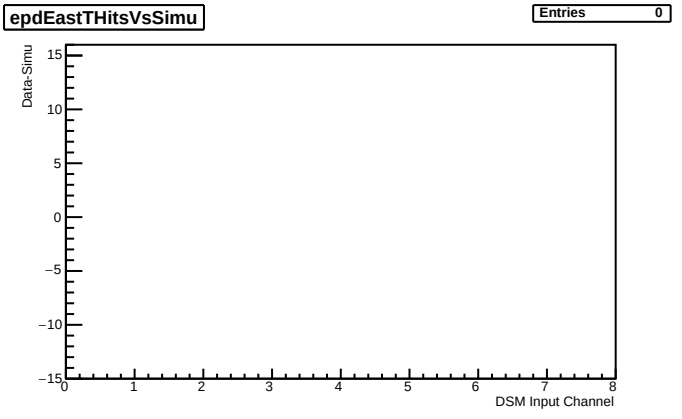

bbcSmallWestTacMax
Entries 237633

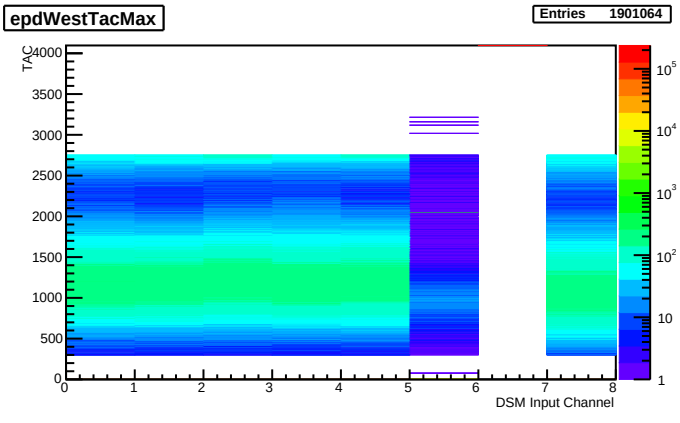

bbcSmallWestTacMaxVsSimu
Entries 199487
Data
Simu

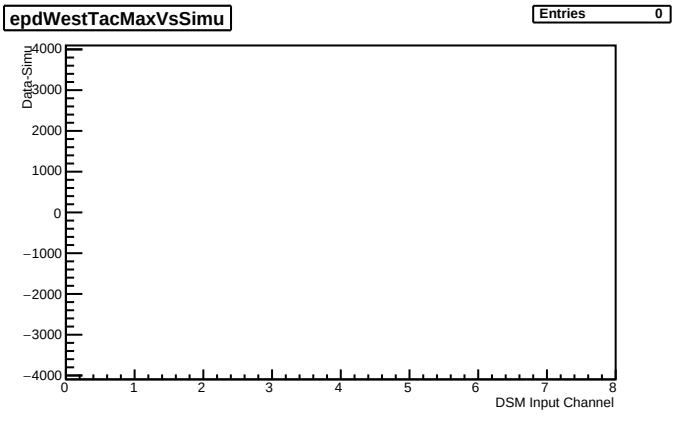

epdEastTacMax
Entries 1901064
TAC
DSM Input Channel

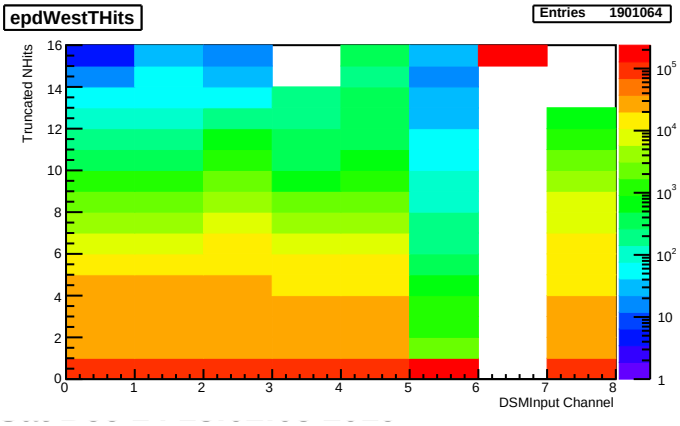

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

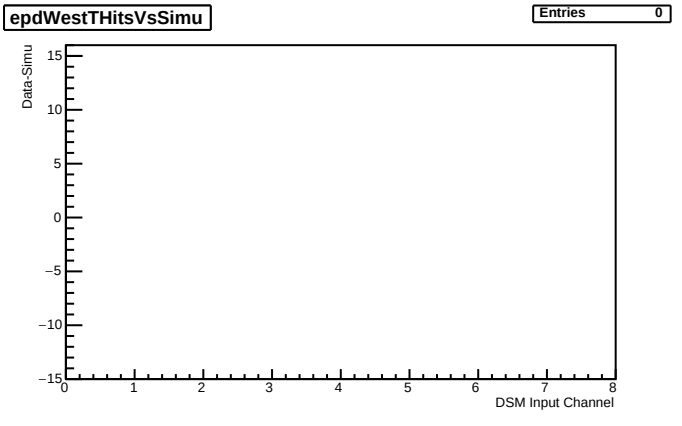

epdEastTHits
Entries 1901064
Truncated NHits
DSMInput Channel

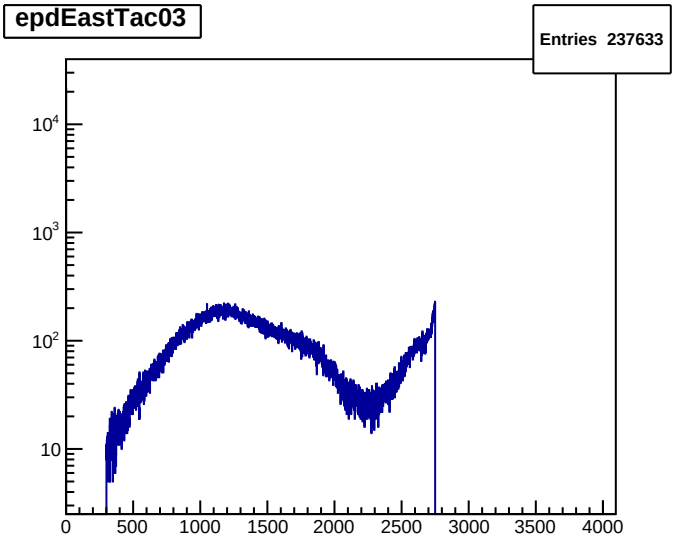

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

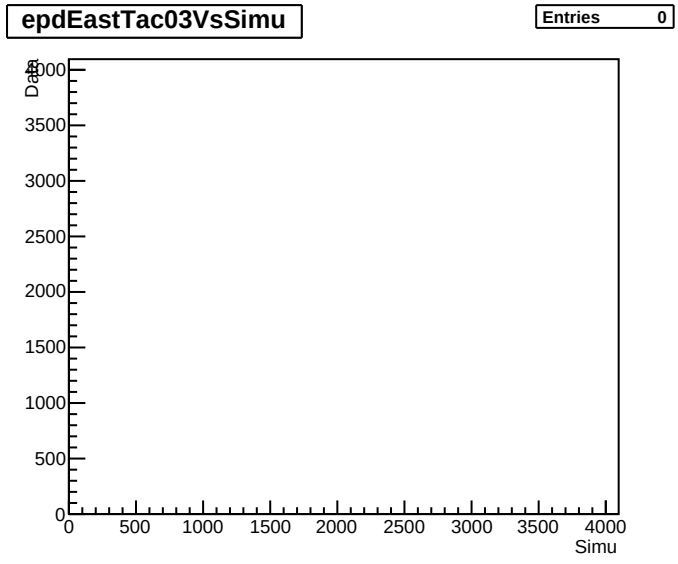

epdWestTacMax
Entries 1901064
TAC
DSM Input Channel

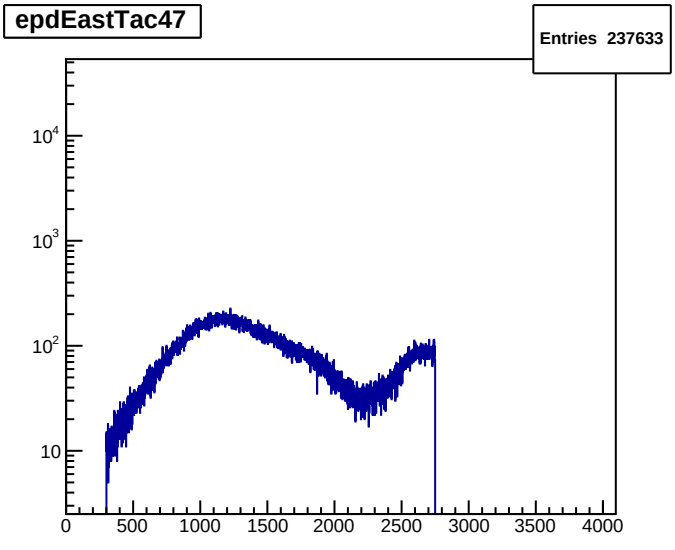

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

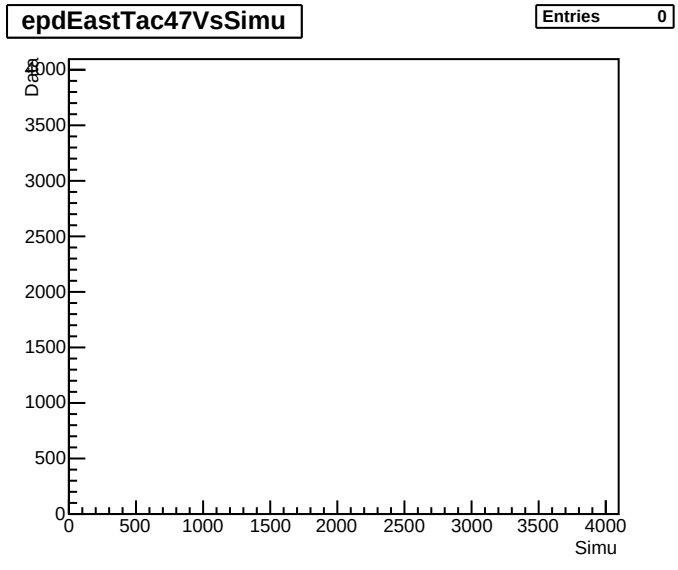

epdWestTHits
Entries 1901064
Truncated NHits
DSMInput Channel

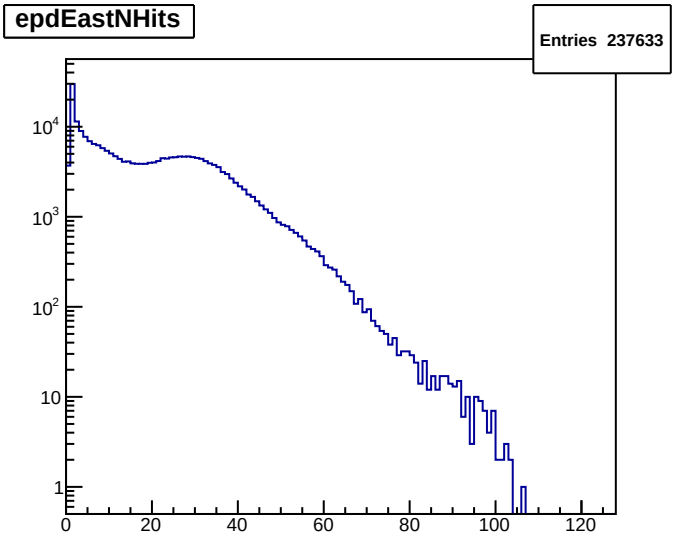

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

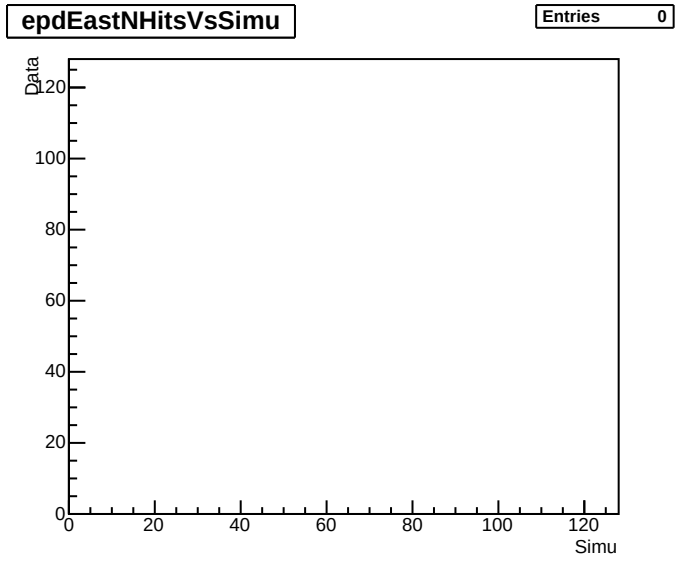

epdEastTac03
Entries 237633


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 237633


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 237633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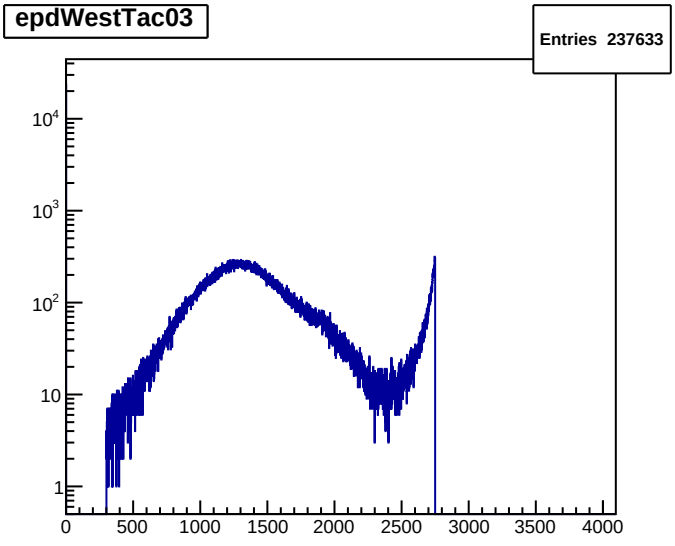
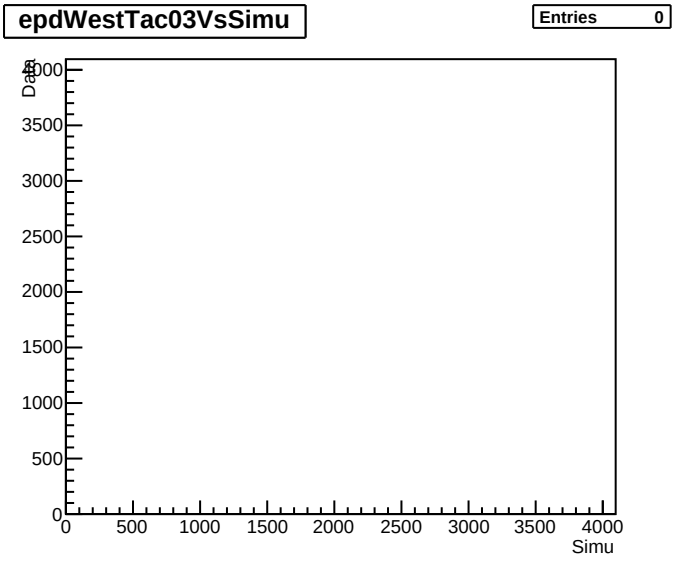
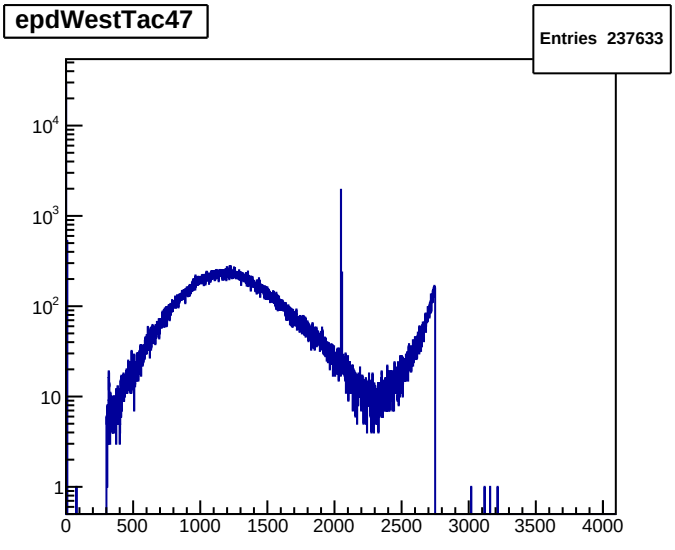
Entries 0
Data
Simu


epdWestTac03
Entries 237633


epdWestTac03VsSimu
Entries 0
Data
Simu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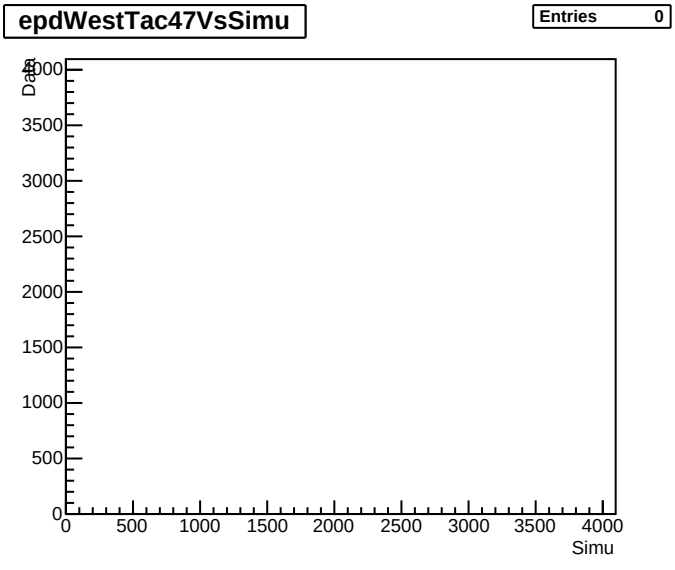
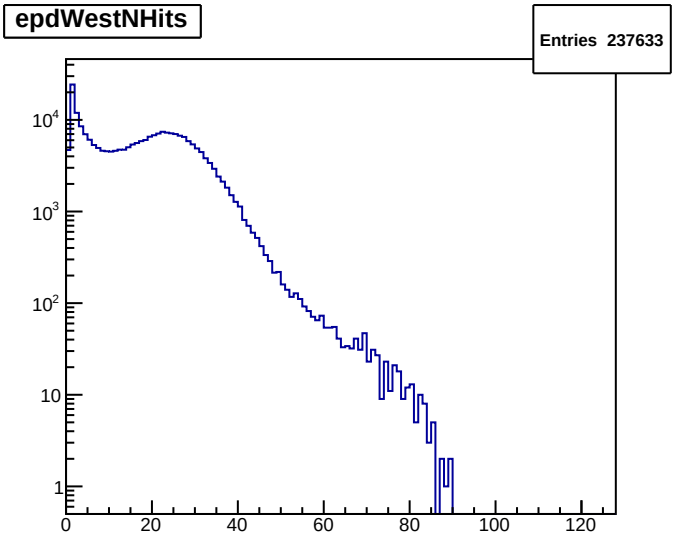
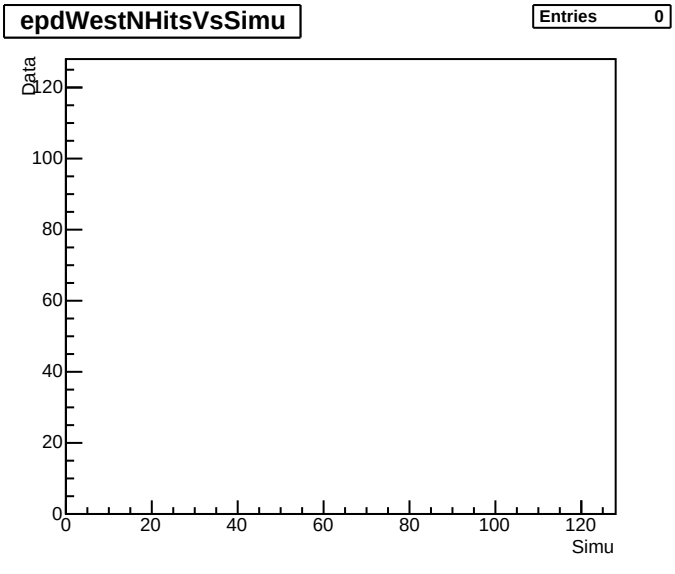
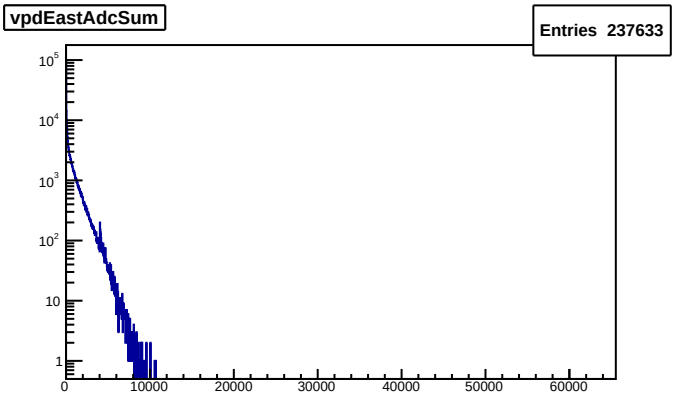
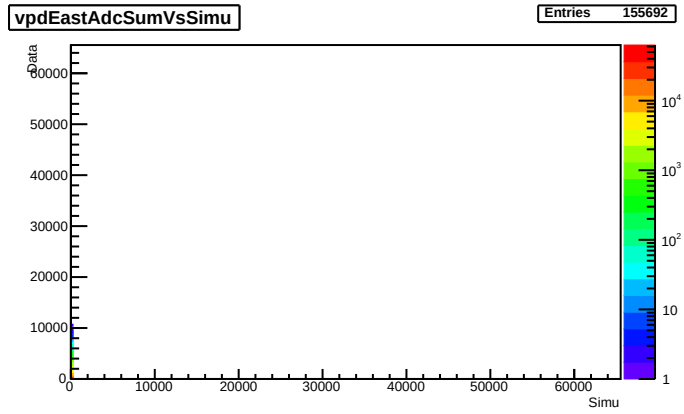
Entries 237633

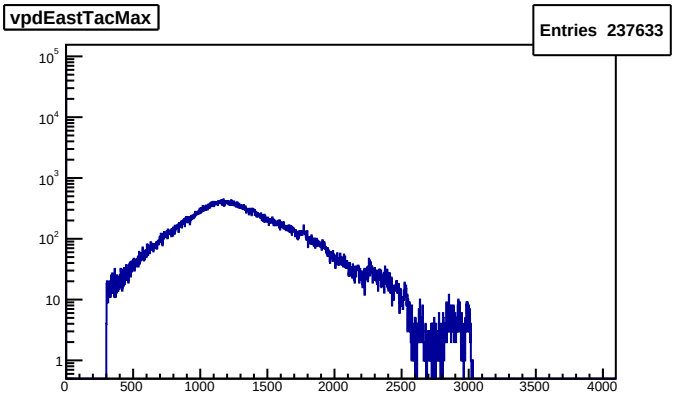

epdWestTac47VsSimu
Entries 0
Data
Simu

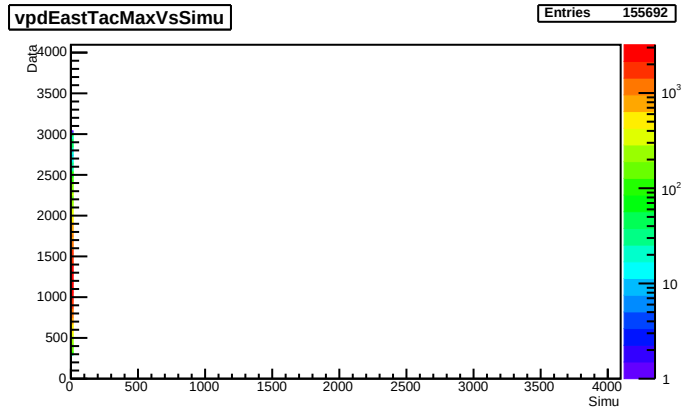

epdWestNHits
Entries 237633

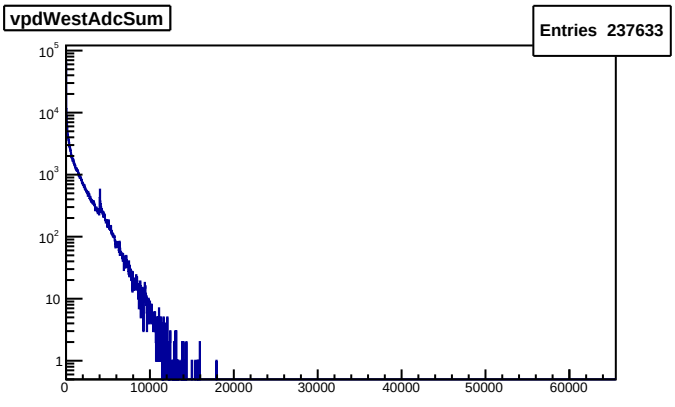

epdWestNHitsVsSimu
Entries 0
Data
Simu

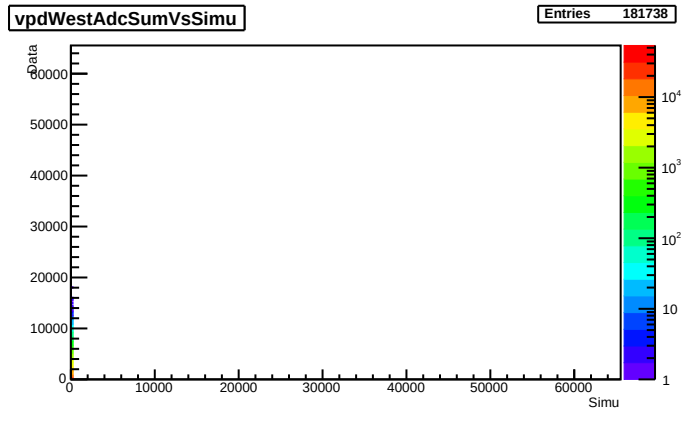

vpdEastAdcSum
Entries 237633

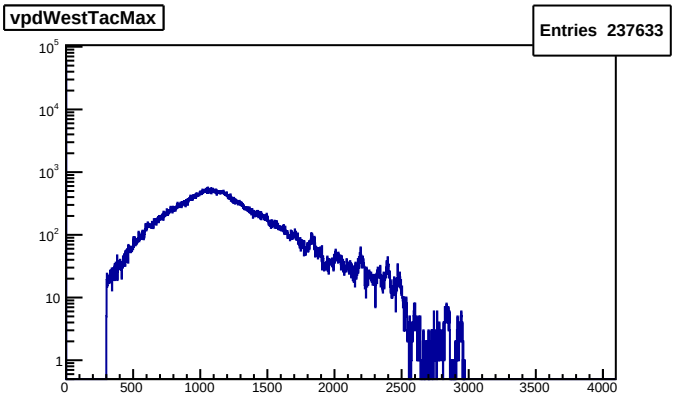

vpdEastAdcSumVsSimu
Entries 155692
Data
Simu

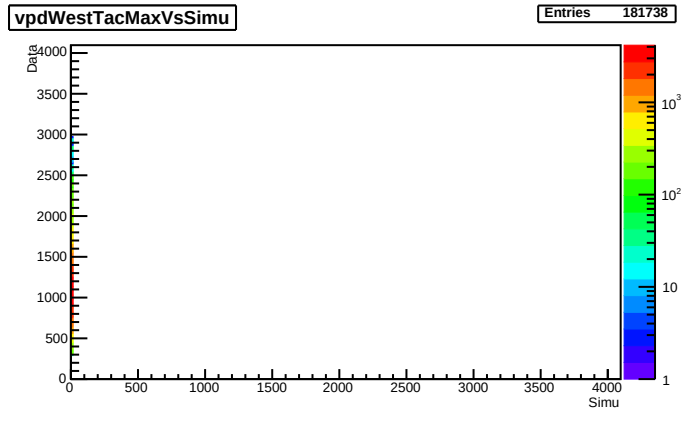

vpdEastTacMax
Entries 237633

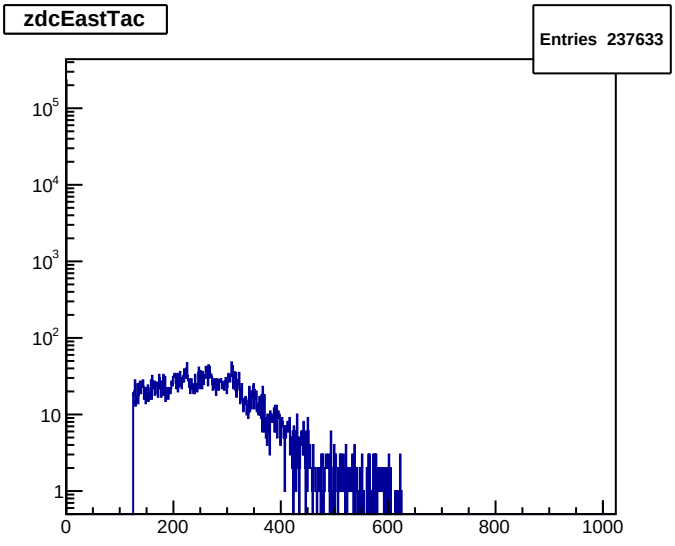

vpdEastTacMaxVsSimu
Entries 155692
Data
Simu

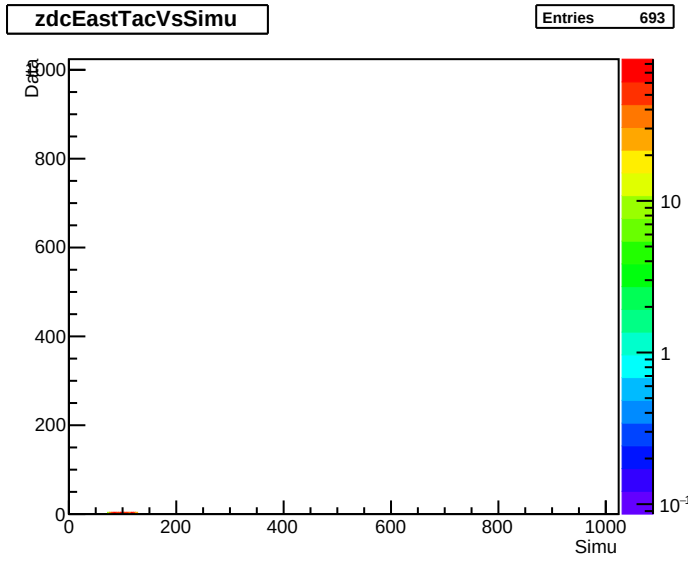

vpdWestAdcSum
Entries 237633

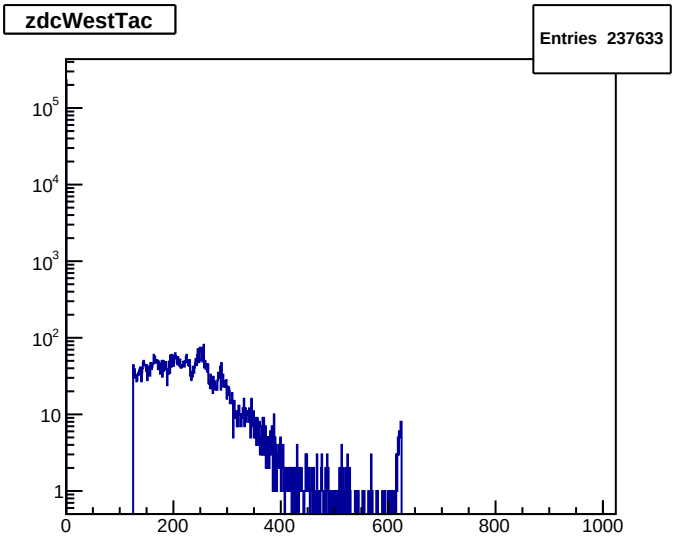

vpdWestAdcSumVsSimu
Entries 181738
Data
Simu

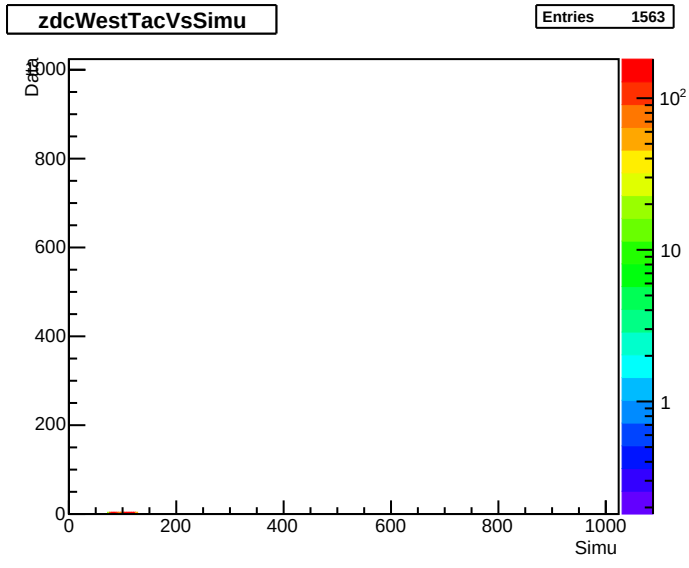

vpdWestTacMax
Entries 237633

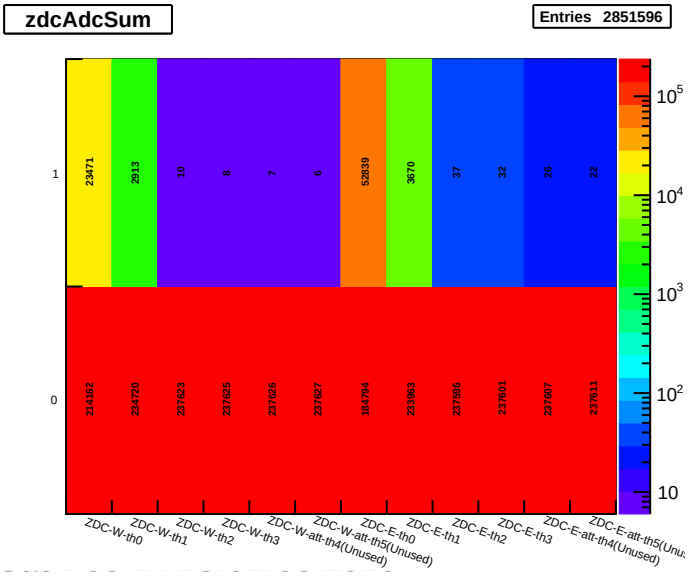

vpdWestTacMaxVsSimu
Entries 181738
Data
Simu

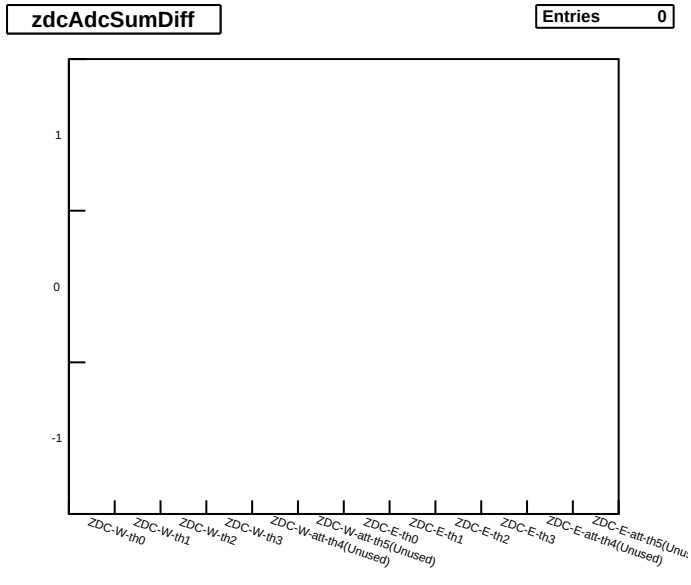

zdcEastTac
Entries 237633

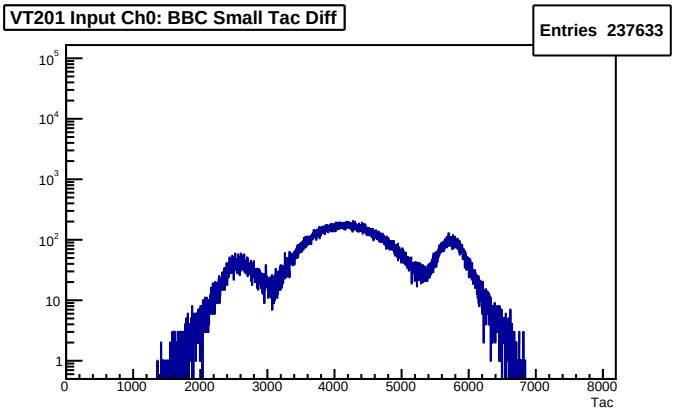

zdcEastTacVsSimu
Entries 693
Data
Simu

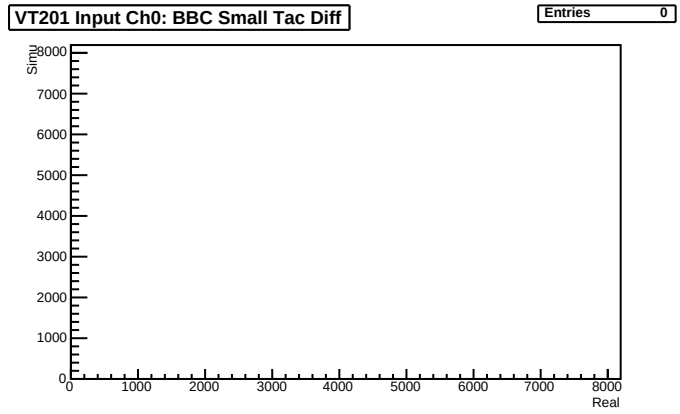

zdcWestTac
Entries 237633

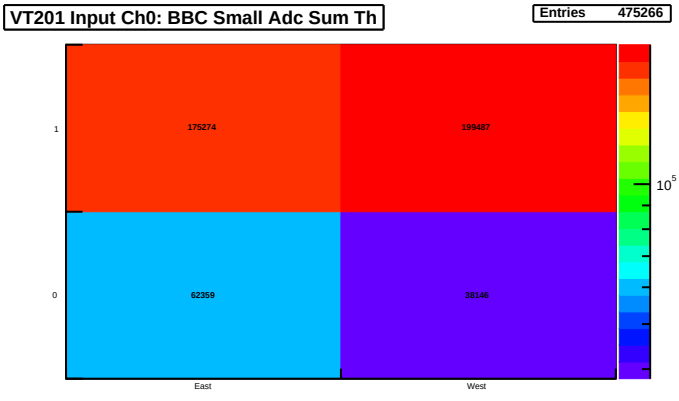

zdcWestTacVsSimu
Entries 1563
Data
Simu

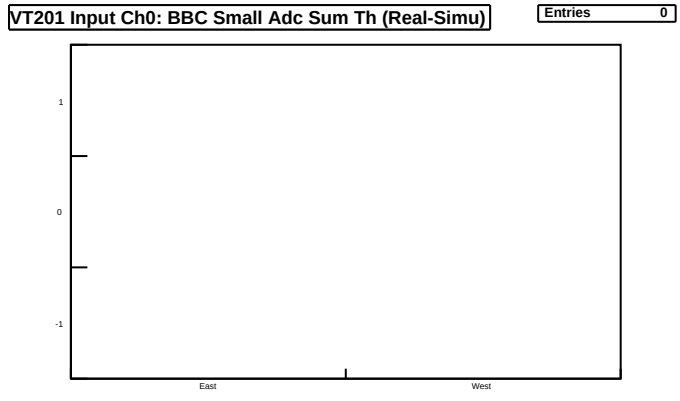

zdcAdcSum
Entries 2851596
23471
2913
10
8
7
6
52839
3670
37
32
26
22
214162
234720
237623
237625
237626
237627
184794
233963
237596
237601
237607
237611
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

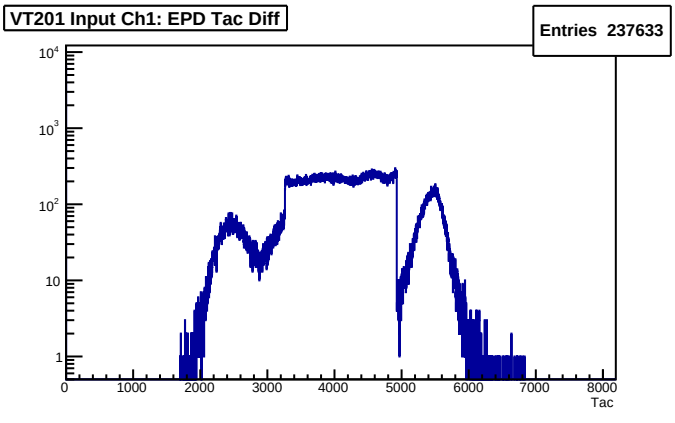

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

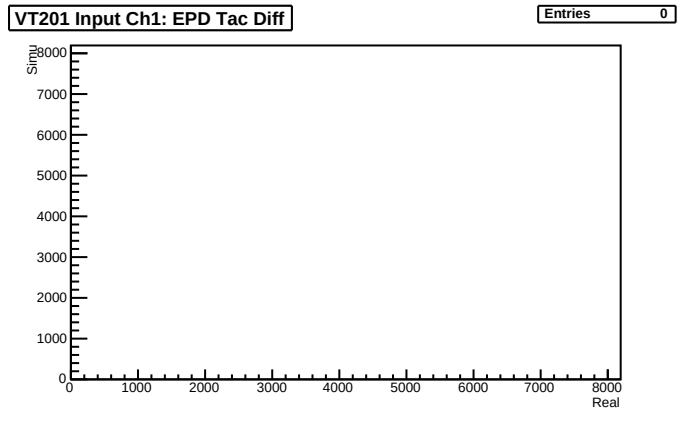

VT201 Input Ch0: BBC Small Tac Diff
Entries 237633
Tac

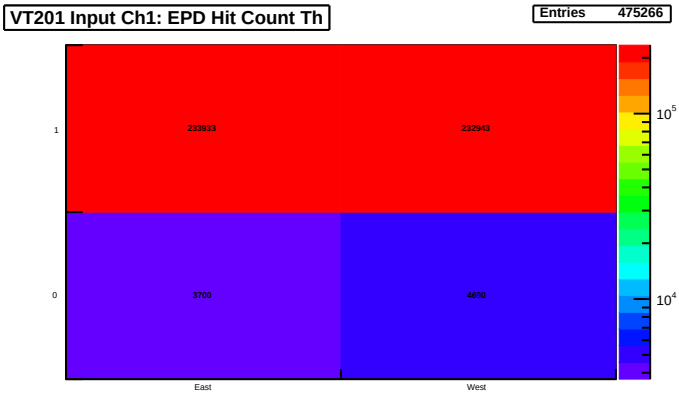

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

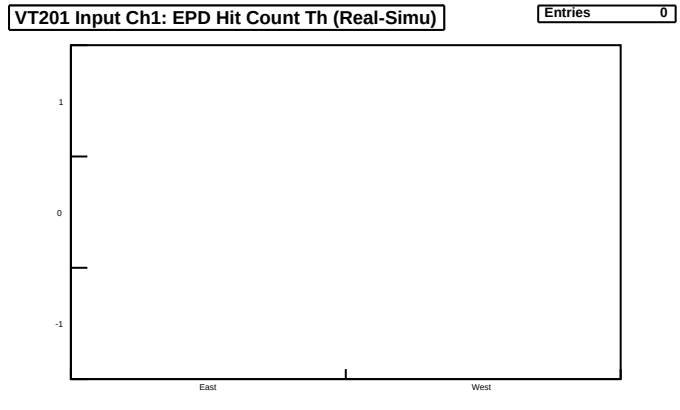

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 475266
175274
199487
62359
38146
East
West

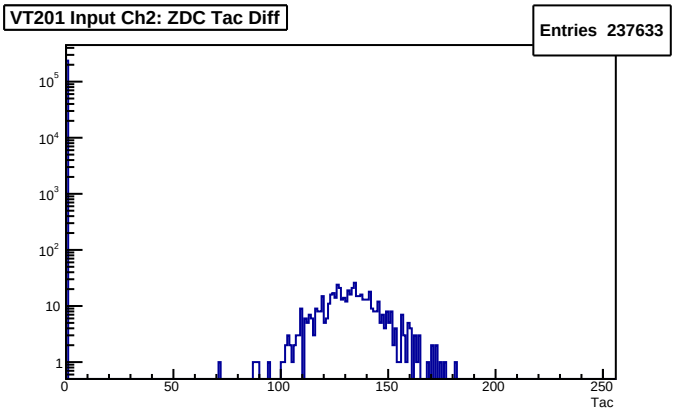

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

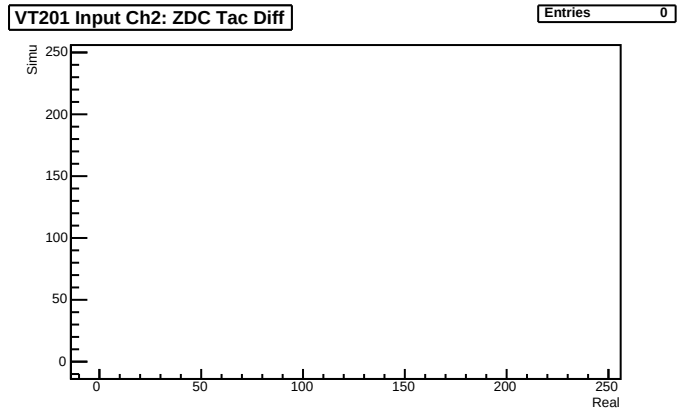

VT201 Input Ch1: EPD Tac Diff
Entries 237633
Tac

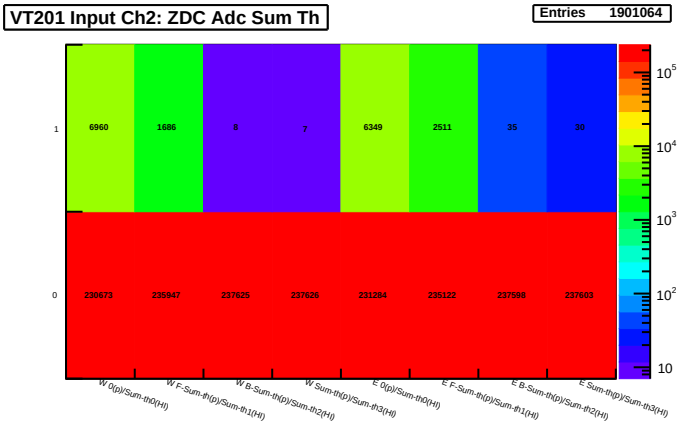

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

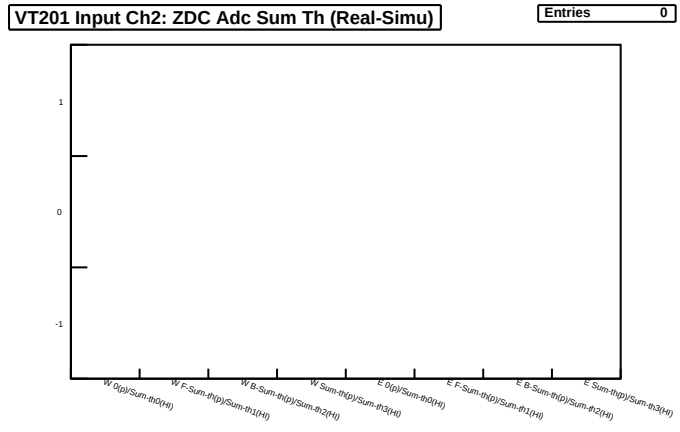

VT201 Input Ch1: EPD Hit Count Th
Entries 475266
233933
232943
3700
4690
East
West

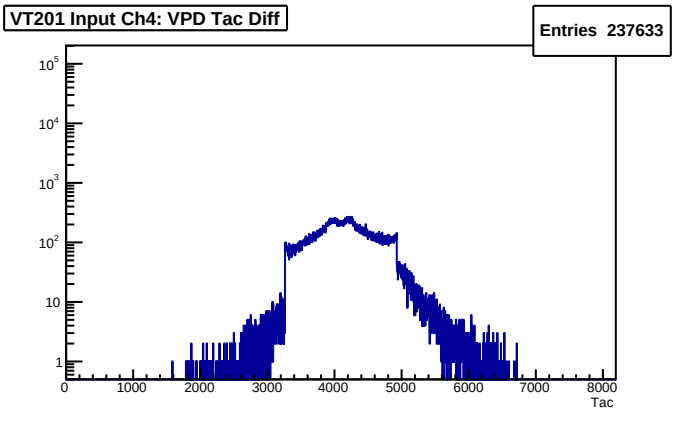

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

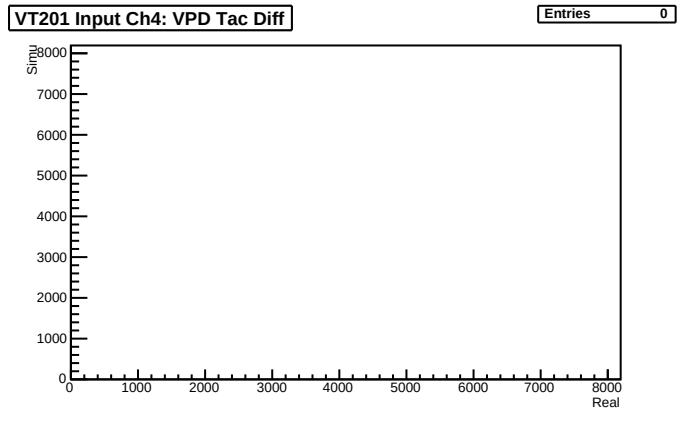

VT201 Input Ch2: ZDC Tac Diff
Entries 237633
Tac

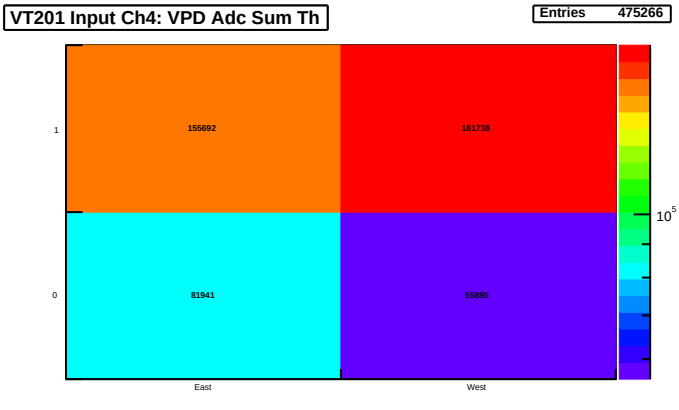

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

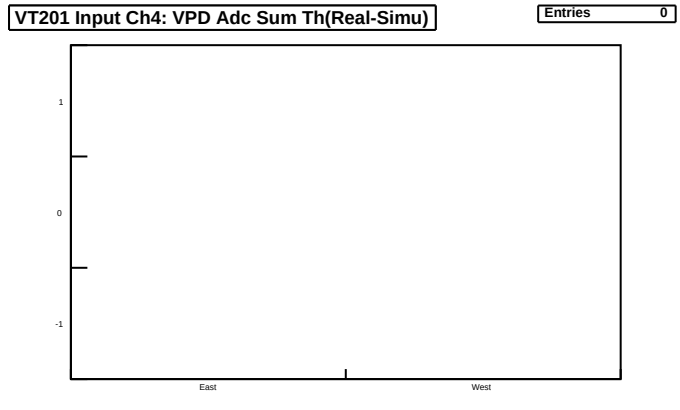

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1901064
6960
1686
8
7
6349
2511
35
30
230673
235947
237625
237626
231284
235122
237598
237603
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

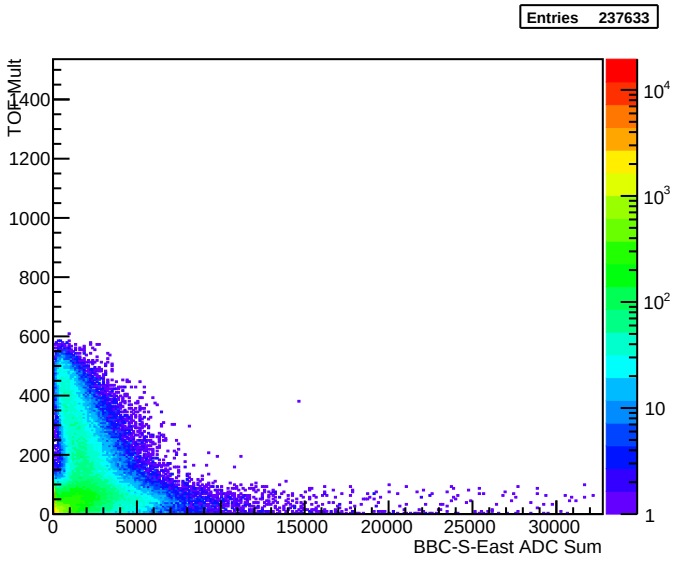

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

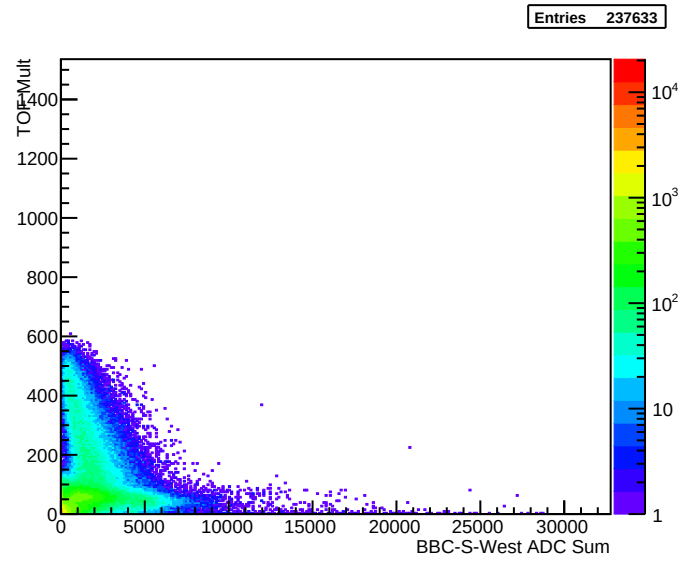

VT201 Input Ch4: VPD Tac Diff
Entries 237633
Tac

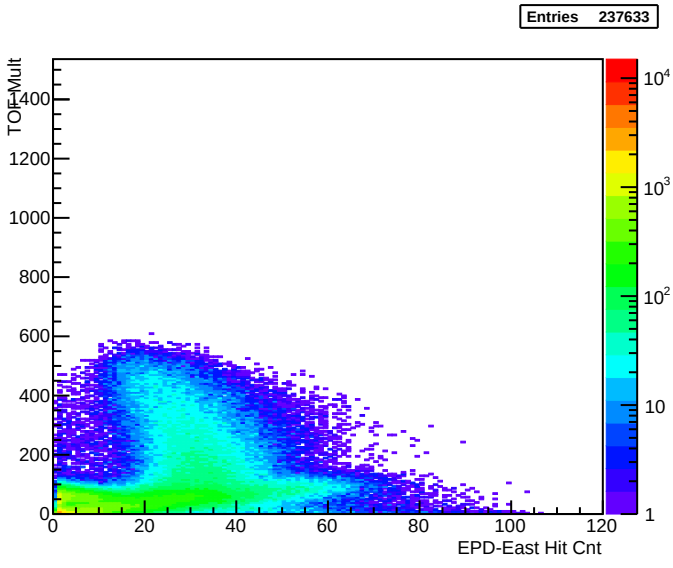

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

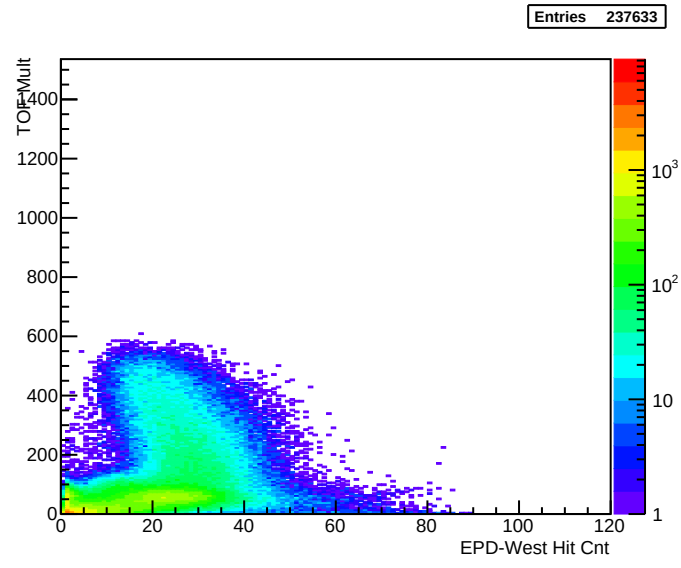

VT201 Input Ch4: VPD Adc Sum Th
Entries 475266
155692
181738
81941
55895
East
West

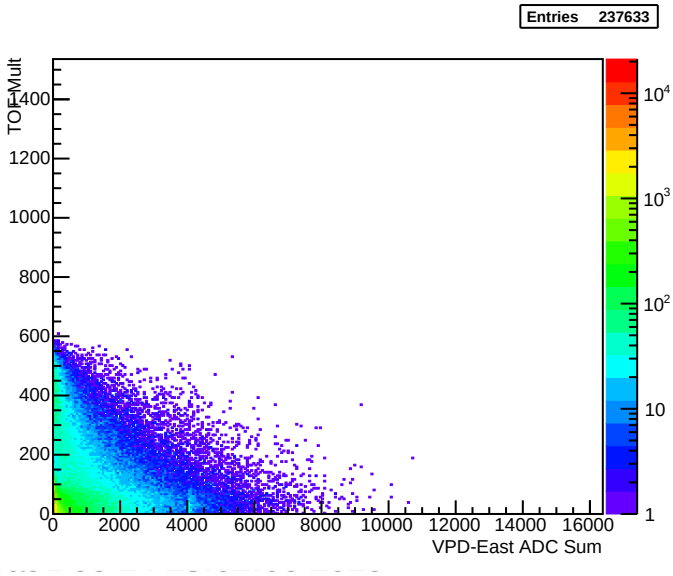

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

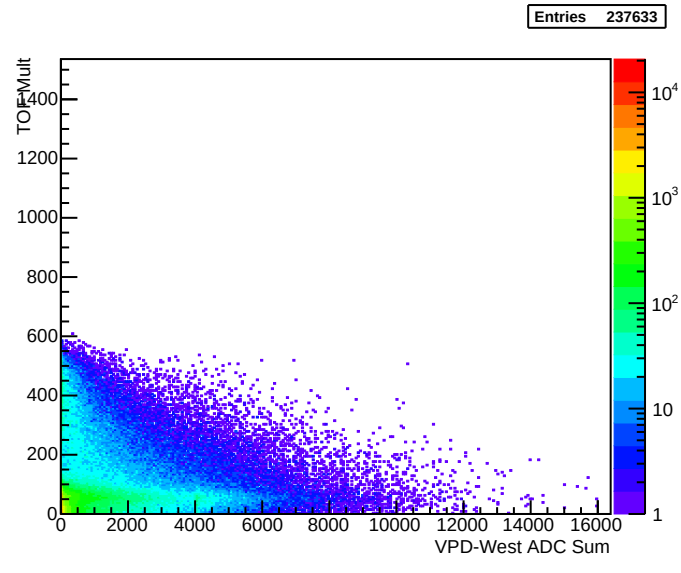

Entries 237633
TOF-Mult
BBC-S-East ADC Sum

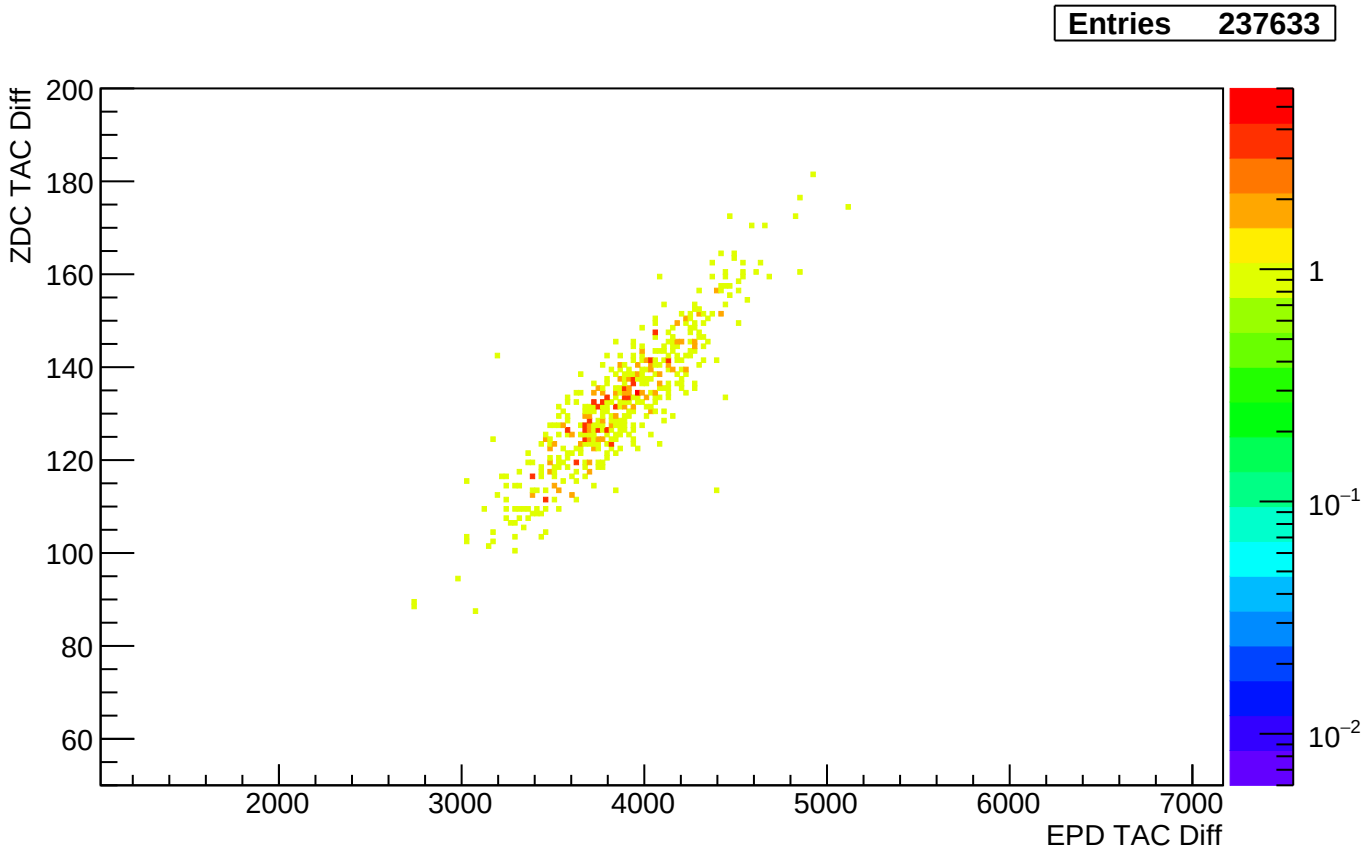

Entries 237633
TOF-Mult
BBC-S-West ADC Sum

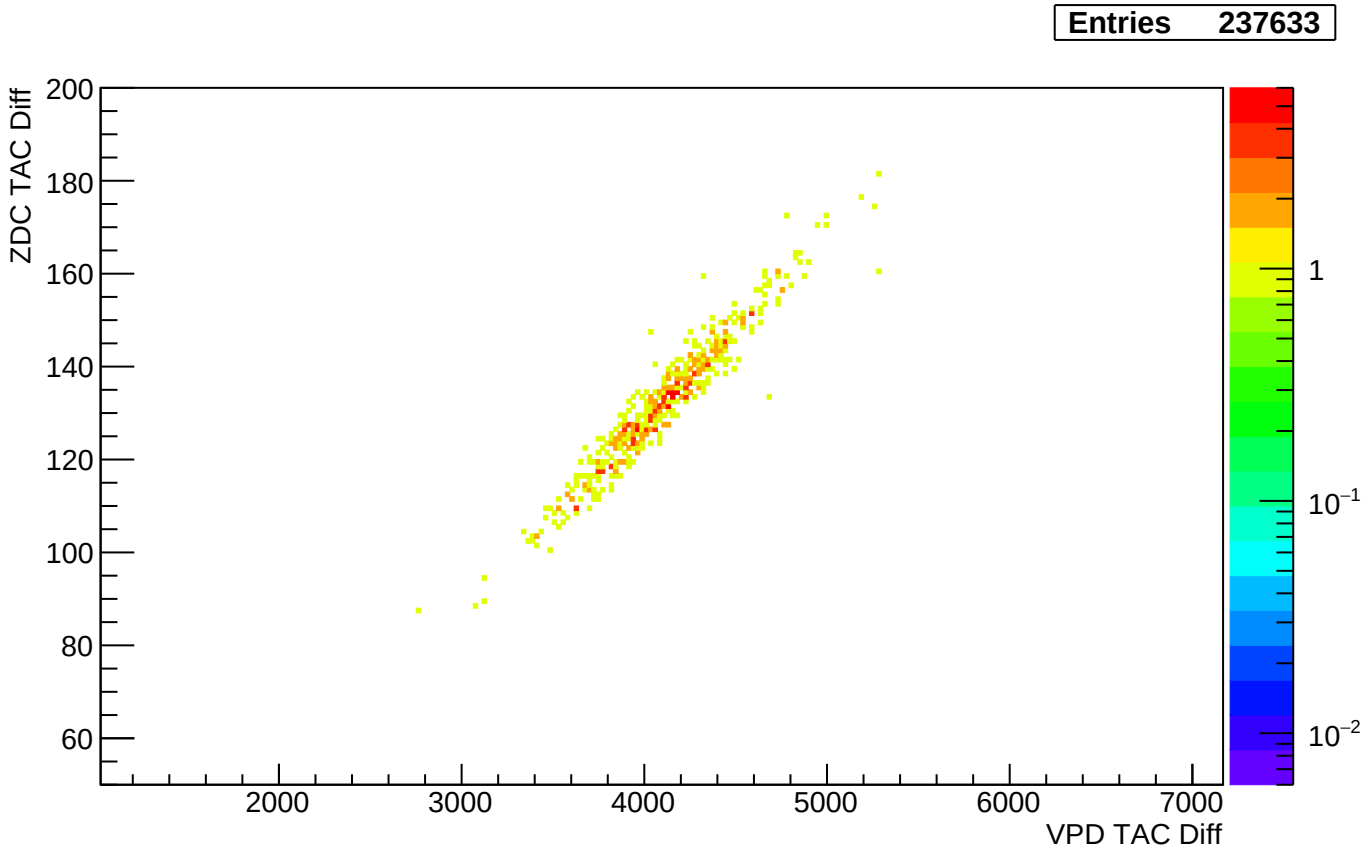

Entries 237633
TOF-Mult
EPD-East Hit Cnt

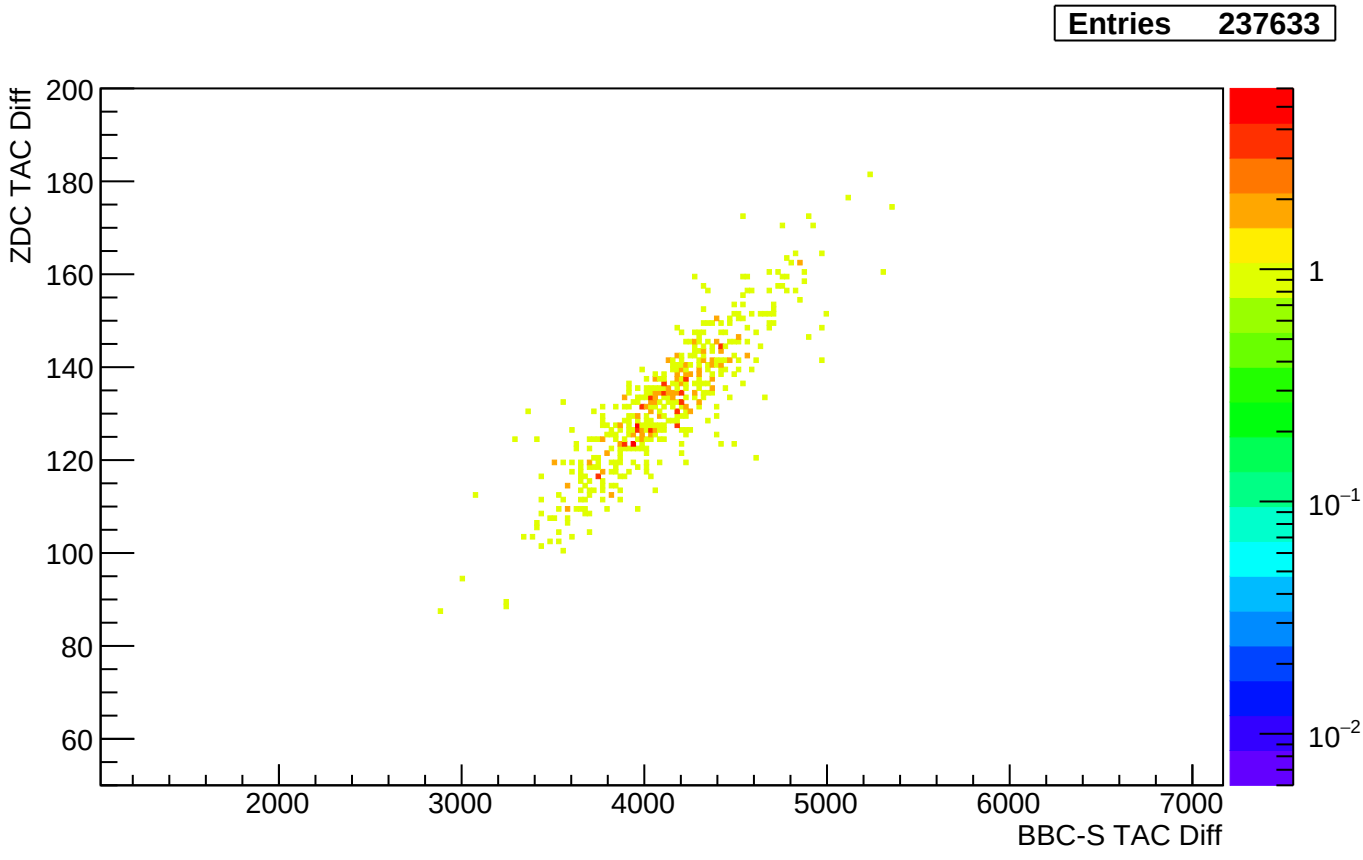

Entries 237633
TOF-Mult
EPD-West Hit Cnt

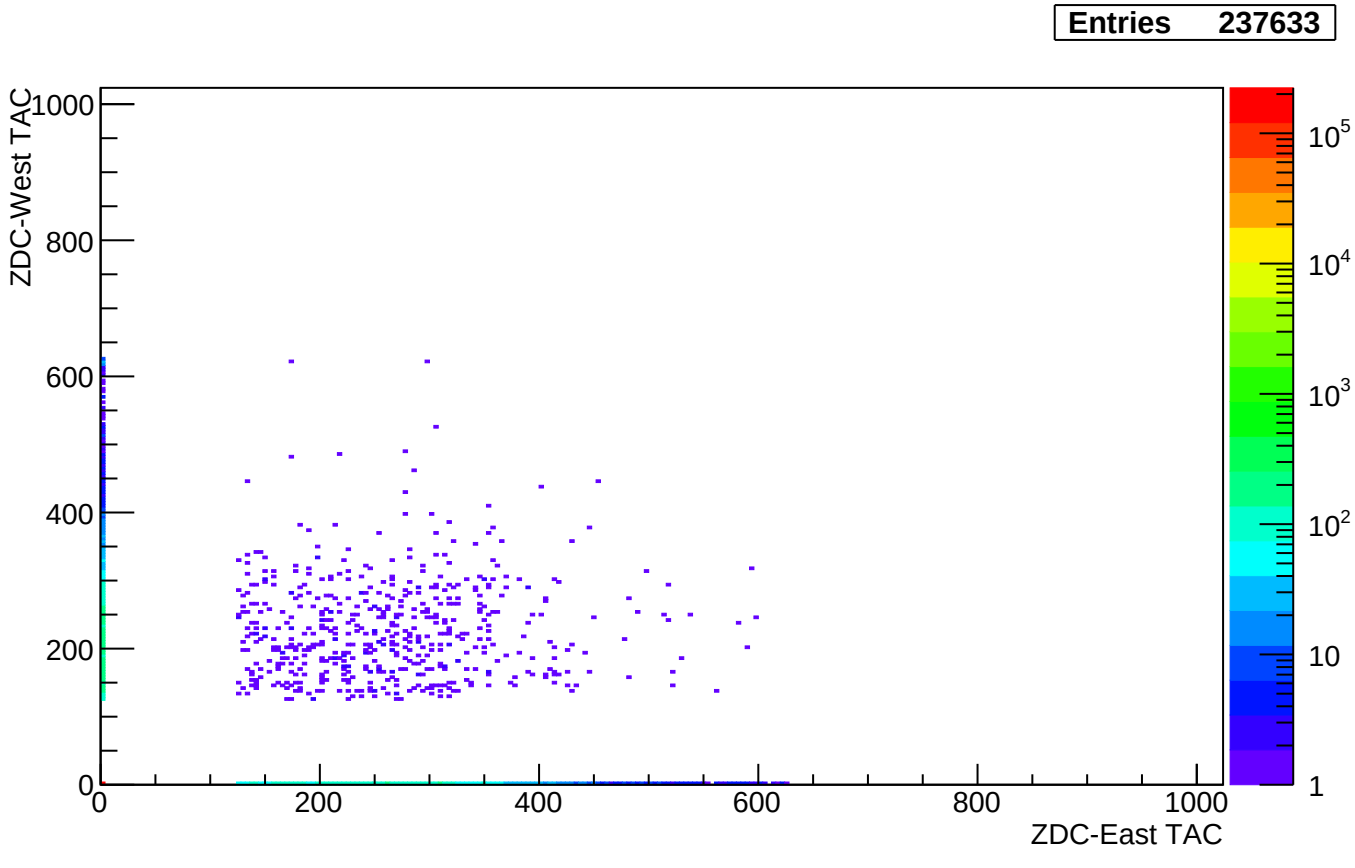

Entries 237633
TOF-Mult
VPD-East ADC Sum

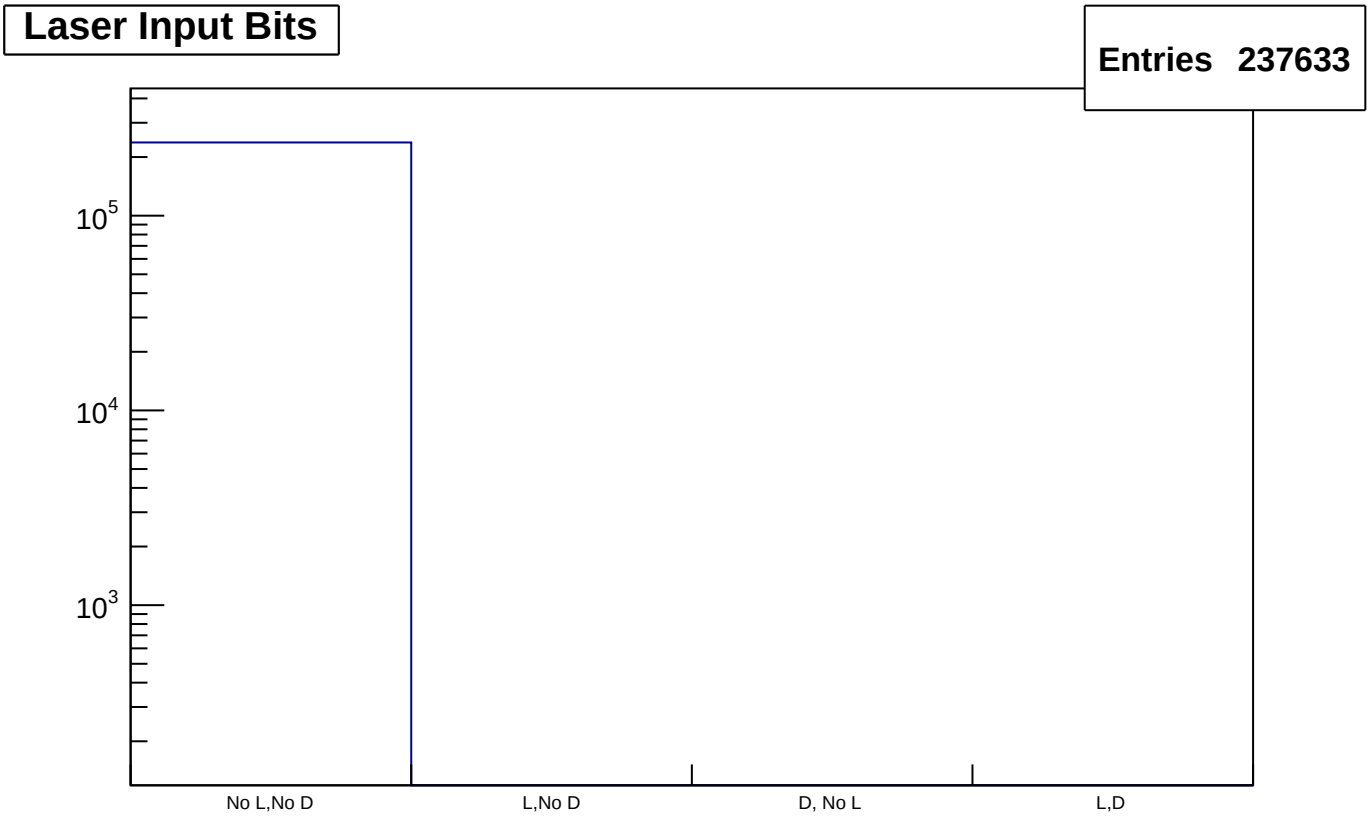

Entries 237633
TOF-Mult
VPD-West ADC Sum

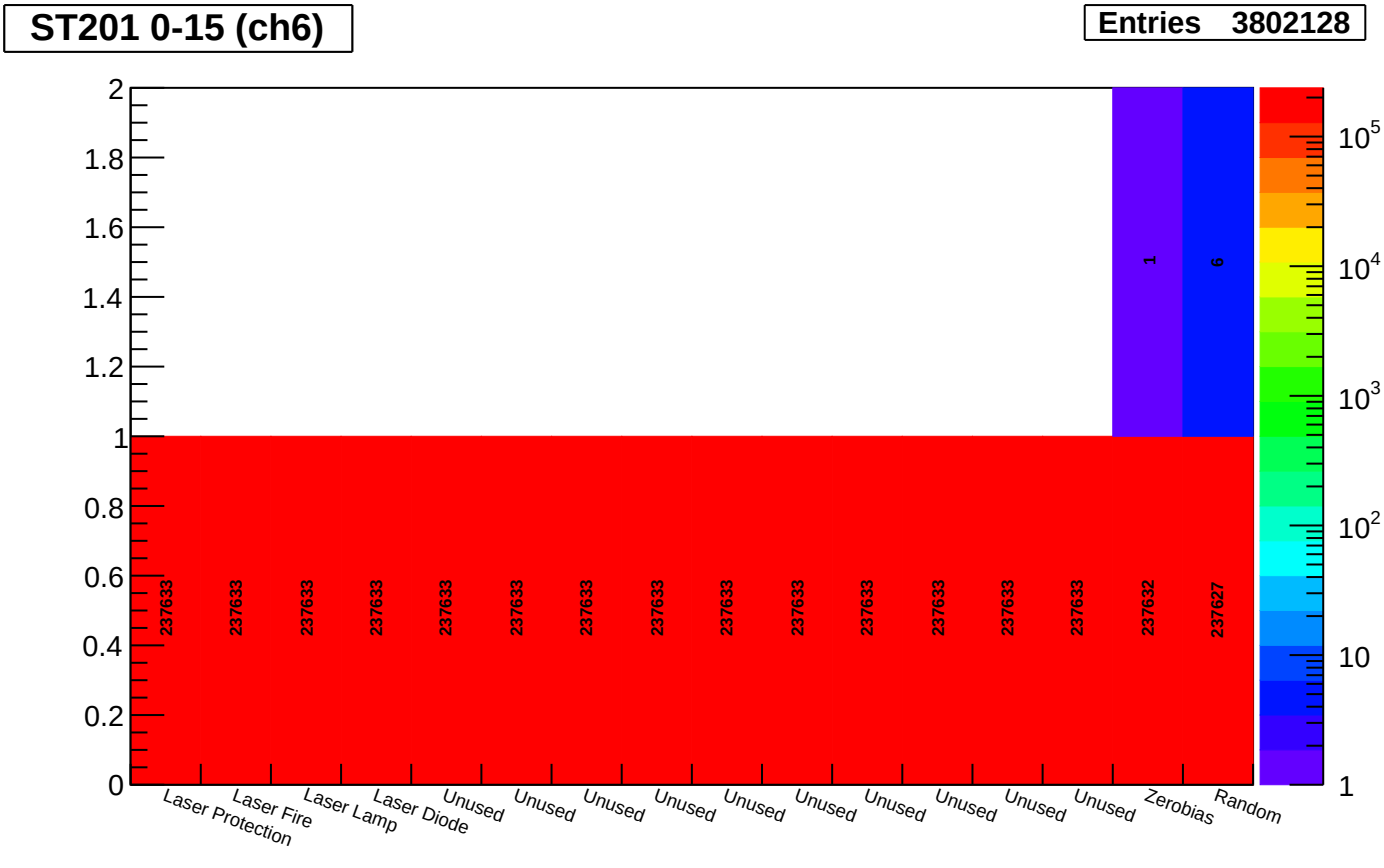

Entries 237633
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

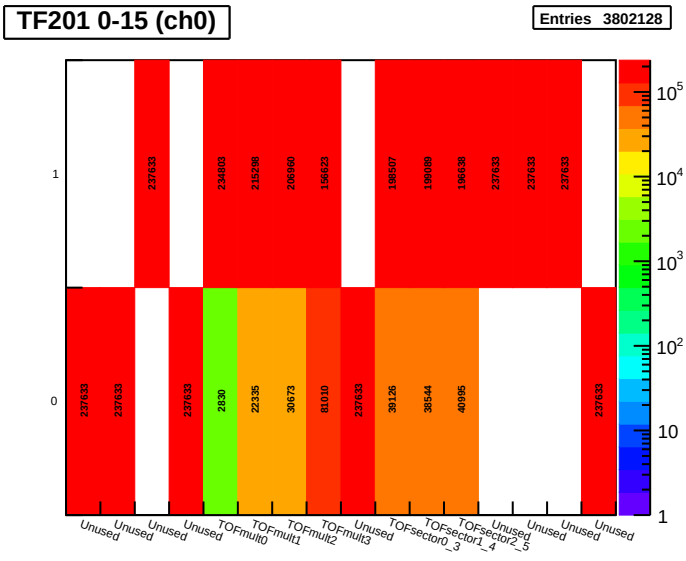

Entries 237633
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

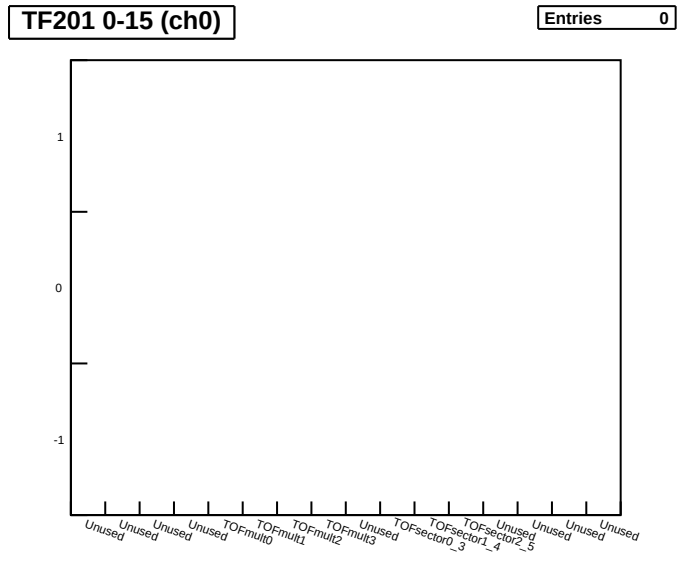

Entries 237633
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

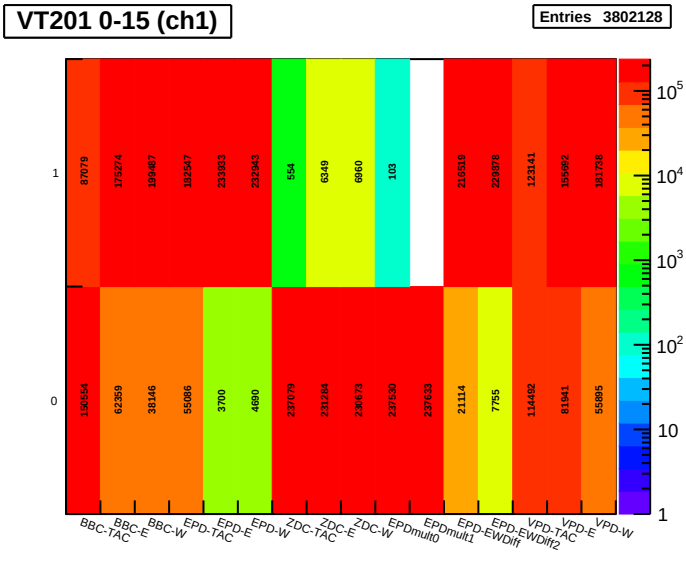

Entries 237633
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

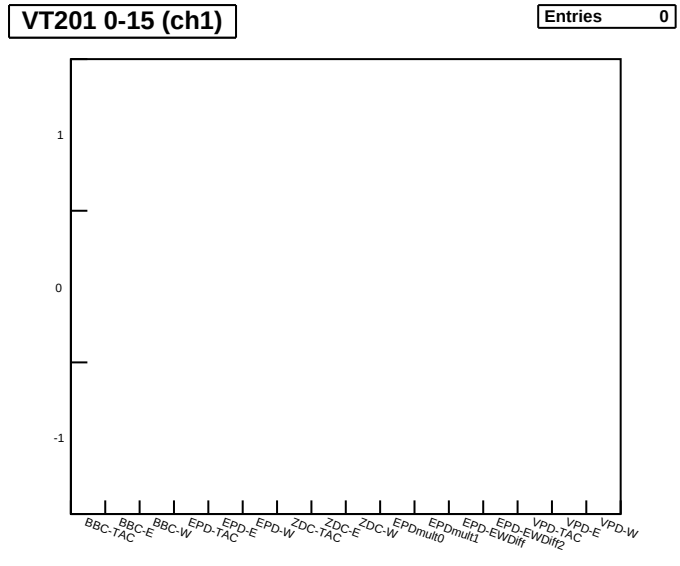

Laser Input Bits
Entries 237633
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

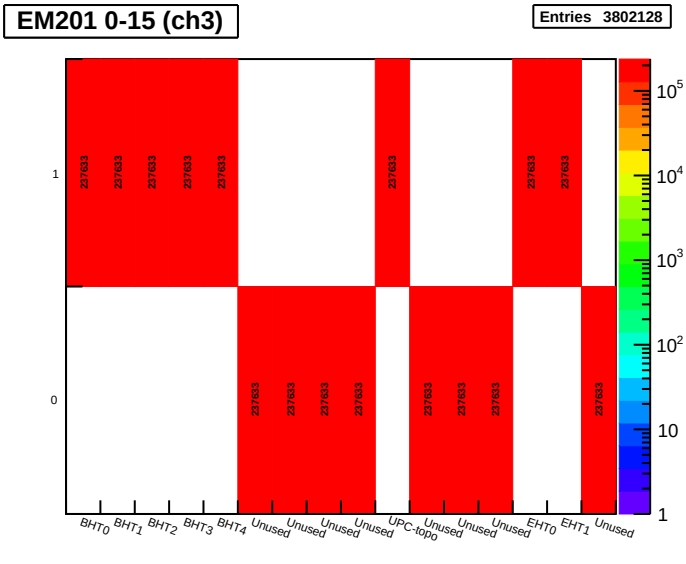

ST201 0-15 (ch6)
Entries 3802128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237632
237627
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

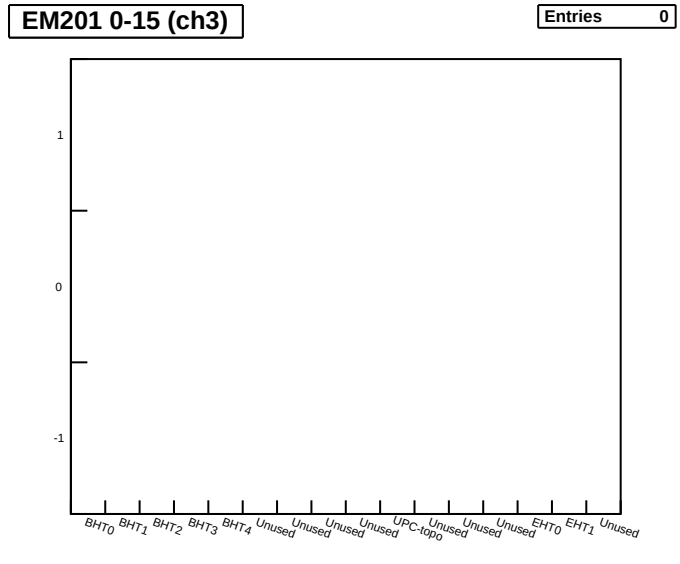

TF201 0-15 (ch0)
Entries 3802128
1
0
237633
234803
215298
206960
156623
198507
199089
196638
237633
237633
237633
237633
237633
2830
22335
30673
81010
237633
39126
38544
40995
237633
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 3802128
1
0
87079
175274
199487
182547
233933
232943
554
6349
6960
103
216519
229878
123141
155692
181738
150554
62359
38146
55086
3700
4690
237079
231284
230673
237530
237633
21114
7755
114492
81941
55895
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 3802128
1
0
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
237633
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1