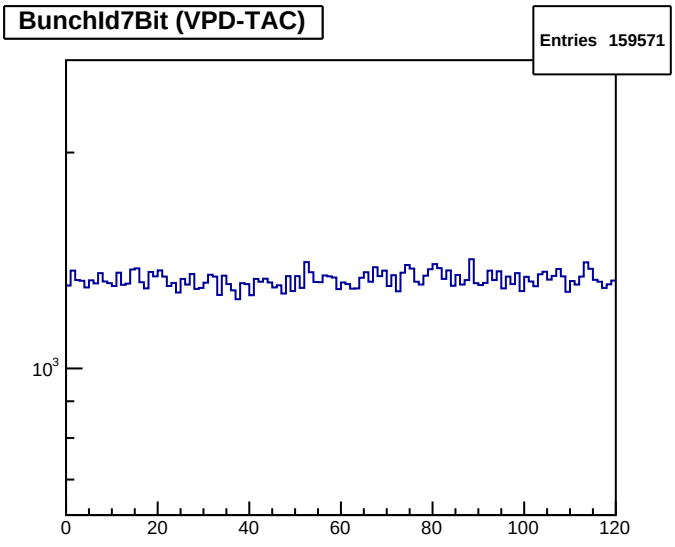
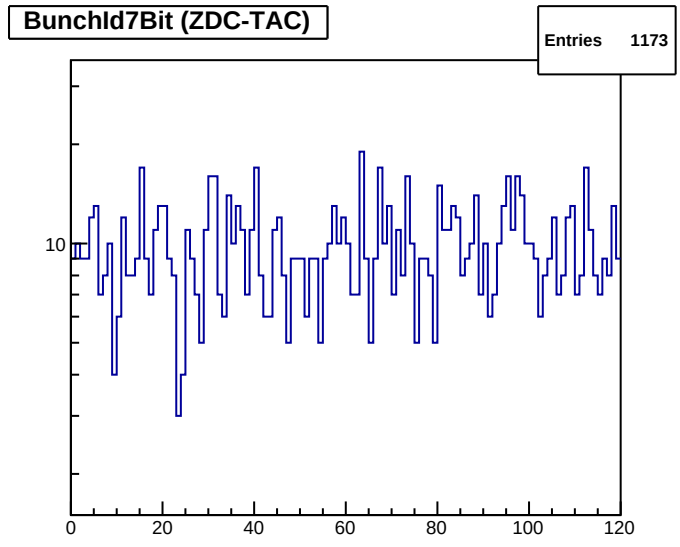
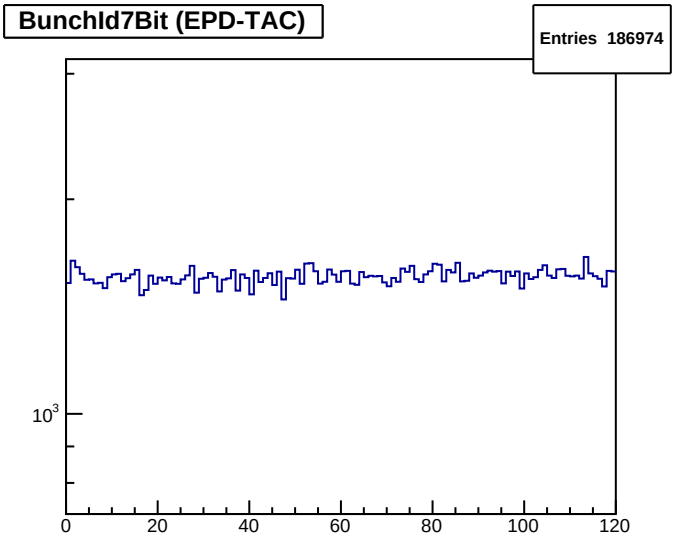
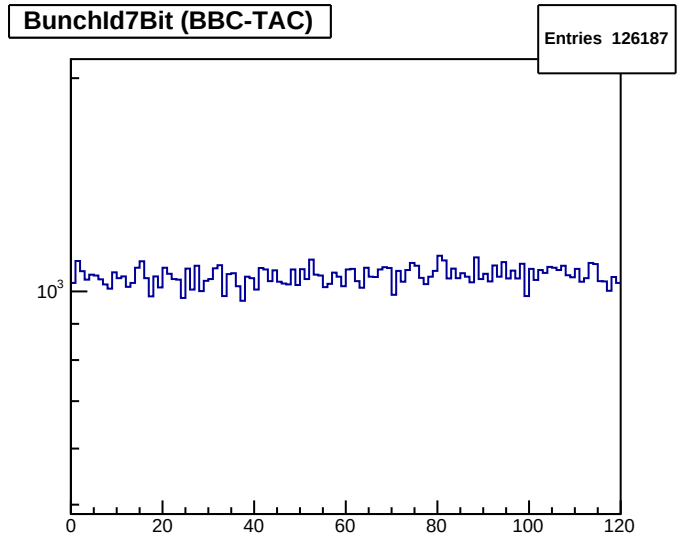
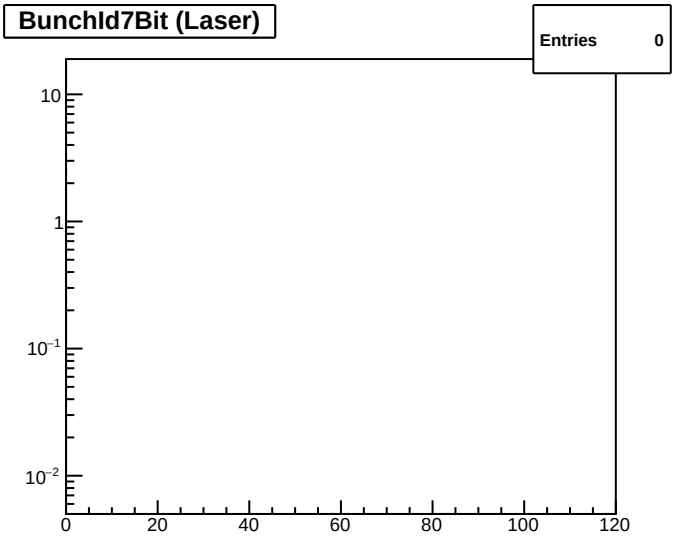
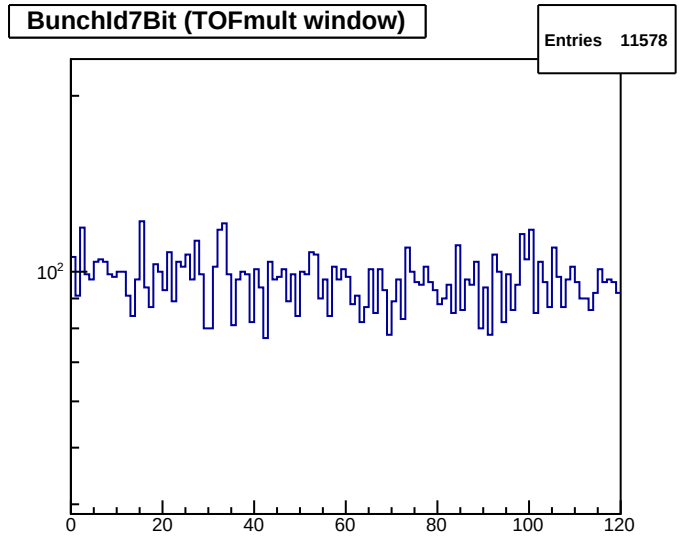

BunchId7Bit (VPD-TAC)
Entries 159571
10^3
0 20 40 60 80 100 120

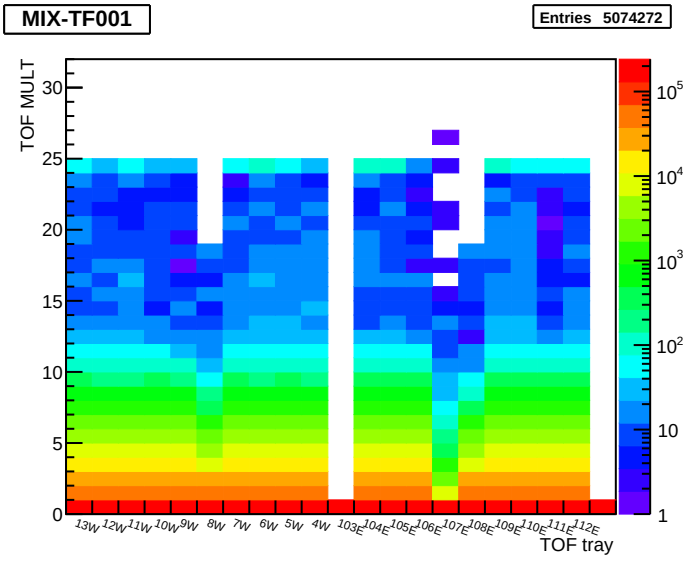

BunchId7Bit (ZDC-TAC)
Entries 1173
10
0 20 40 60 80 100 120

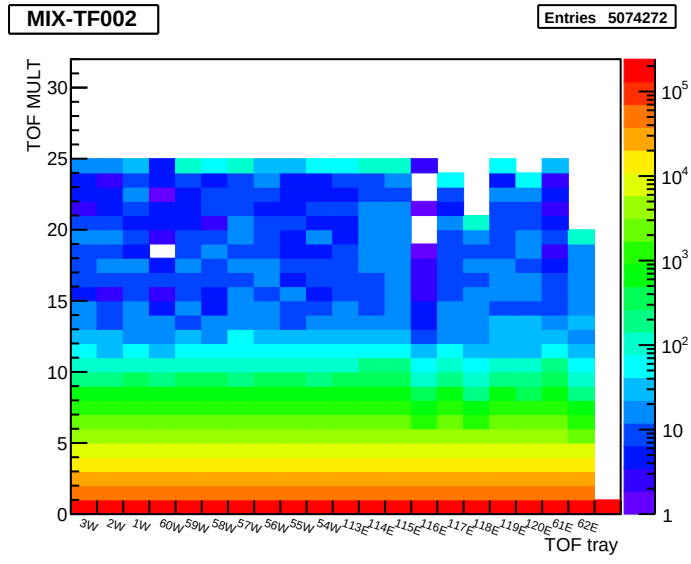

BunchId7Bit (EPD-TAC)
Entries 186974
10^3
0 20 40 60 80 100 120

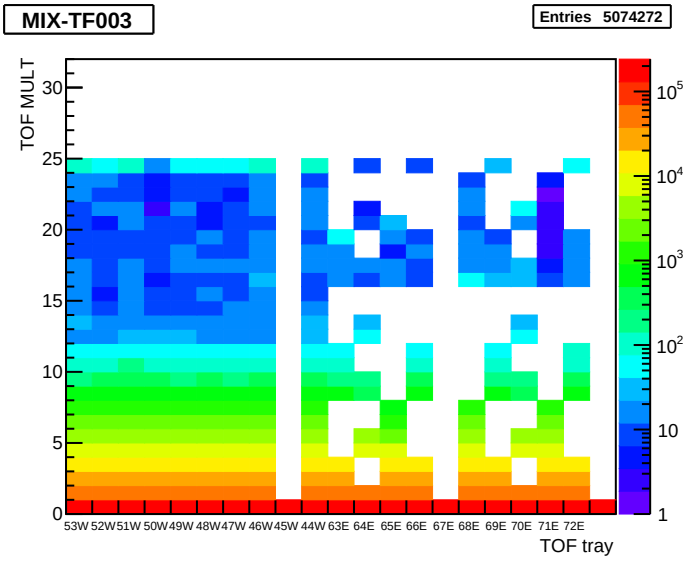

BunchId7Bit (BBC-TAC)
Entries 126187
10^3
0 20 40 60 80 100 120

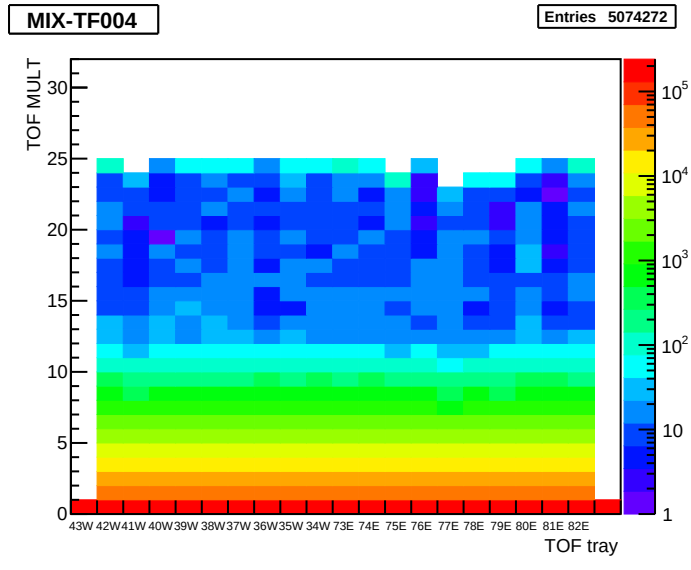

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

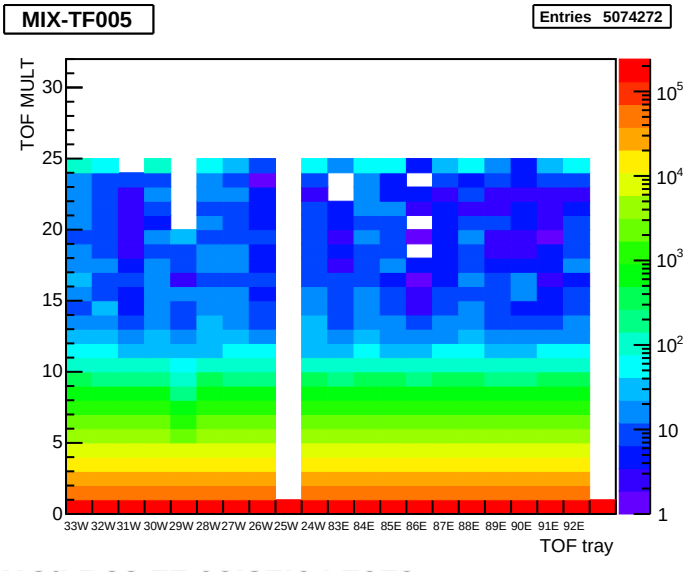

BunchId7Bit (TOFmult window)
Entries 11578
10^2
0 20 40 60 80 100 120

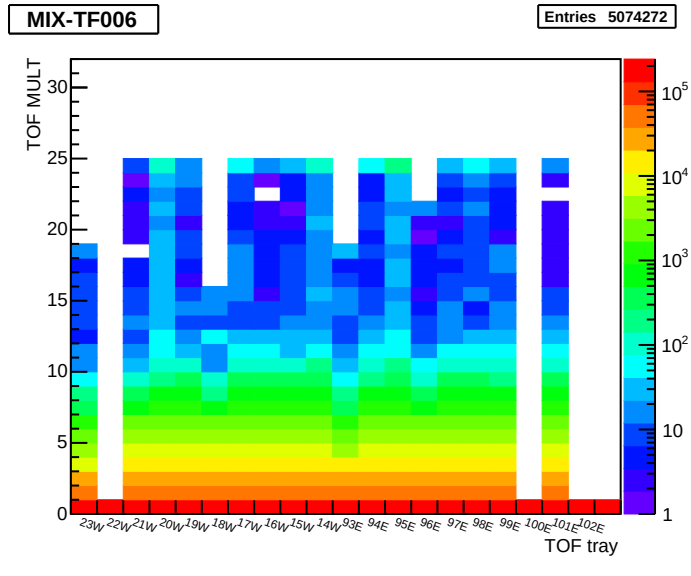

MIX-TF001
Entries 5074272
TOF MULT
TOF tray

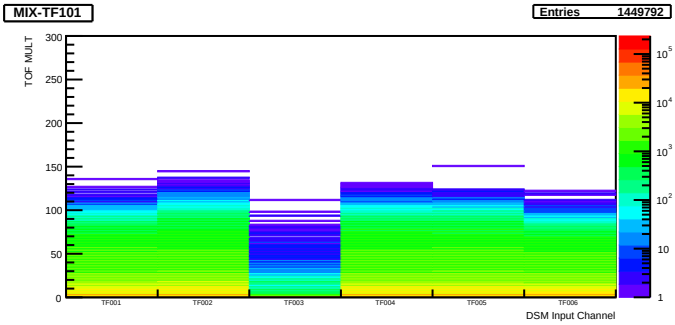

MIX-TF002
Entries 5074272
TOF MULT
TOF tray

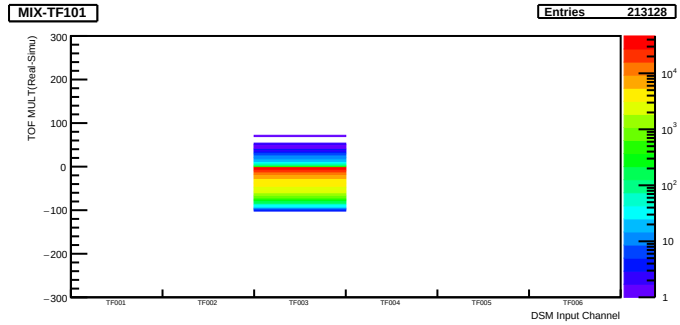

MIX-TF003
Entries 5074272
TOF MULT
TOF tray

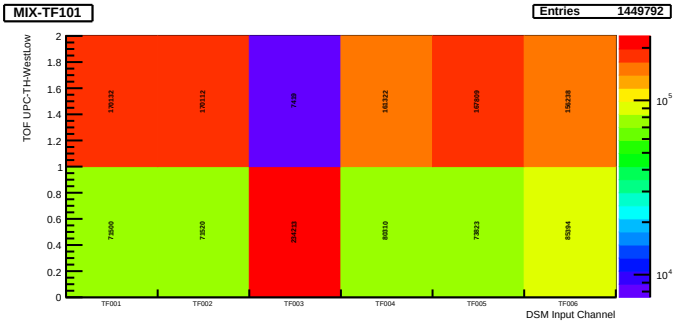

MIX-TF004
Entries 5074272
TOF MULT
TOF tray

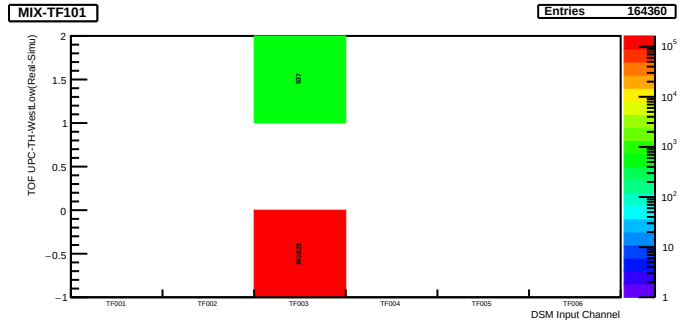

MIX-TF005
Entries 5074272
TOF MULT
TOF tray

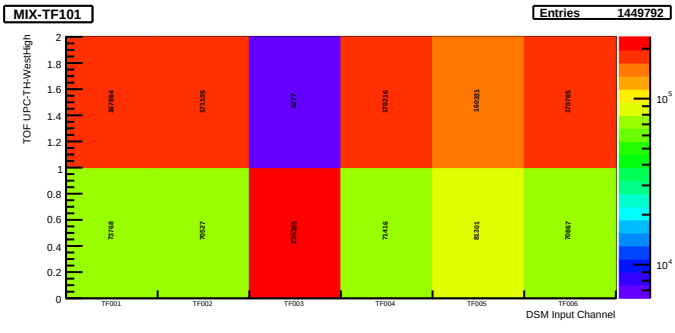

MIX-TF006
Entries 5074272
TOF MULT
TOF tray

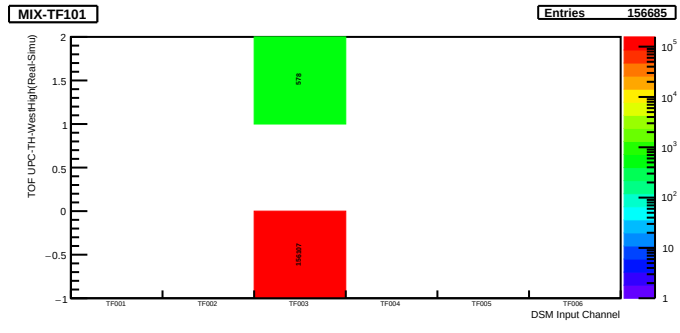

MIX-TF101
Entries 1449792
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

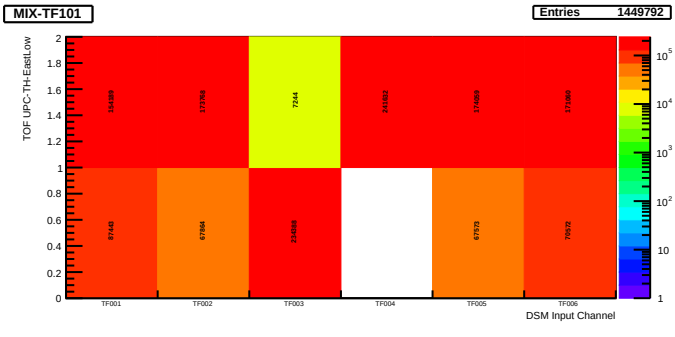

MIX-TF101
Entries 213128
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

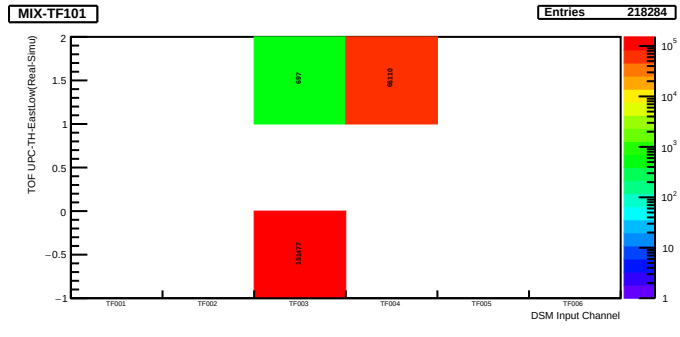

MIX-TF101
Entries 1449792
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

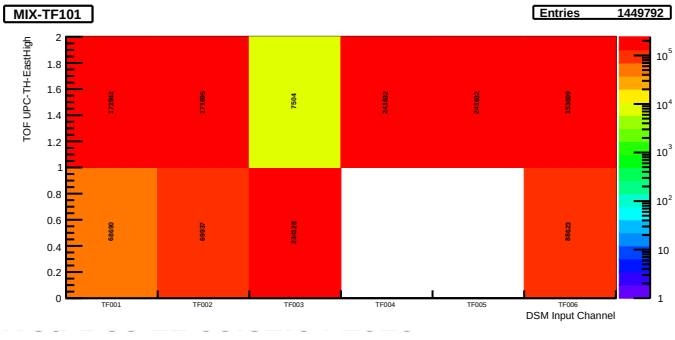

MIX-TF101
Entries 164360
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

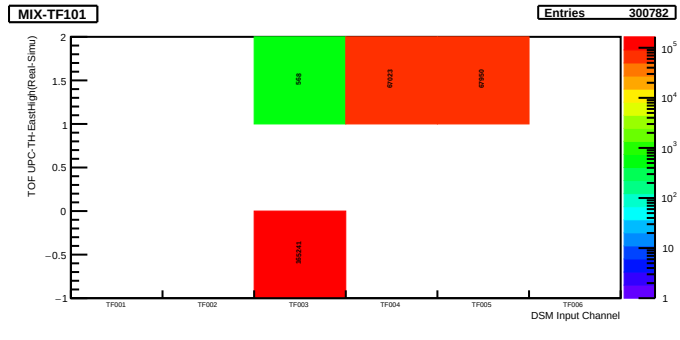

MIX-TF101
Entries 1449792
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

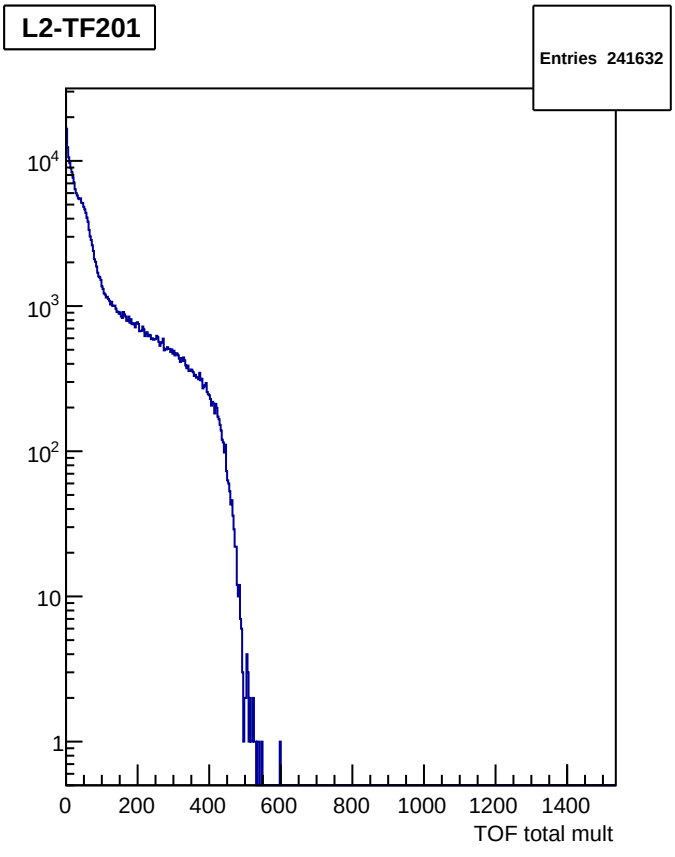

MIX-TF101
Entries 156685
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

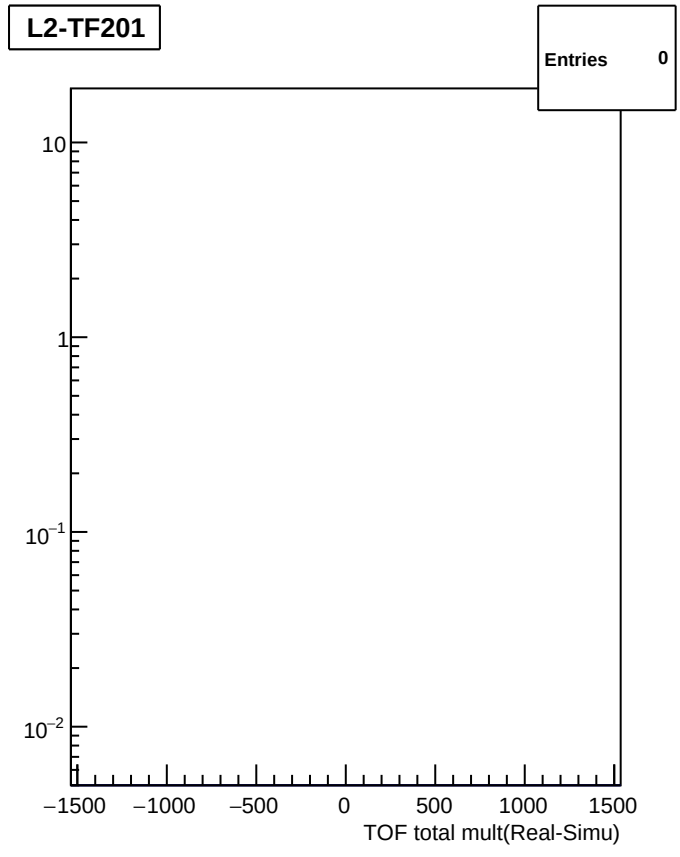

MIX-TF101
Entries 1449792
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

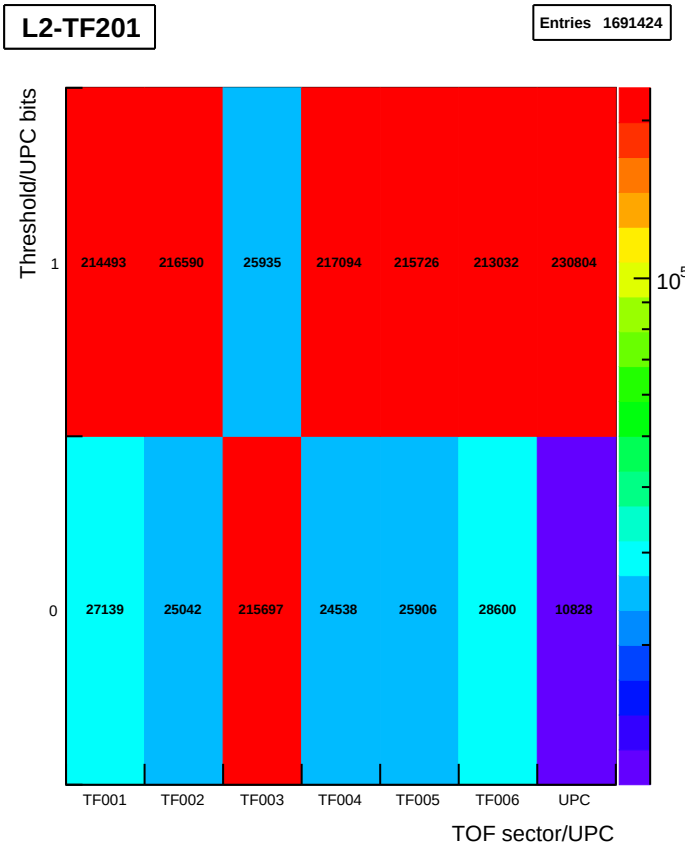

MIX-TF101
Entries 218284
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

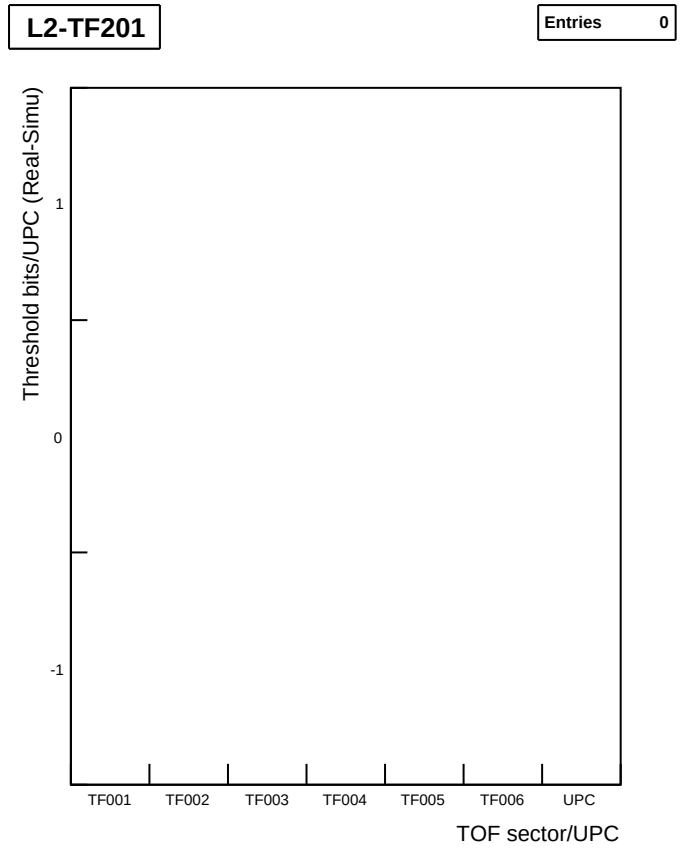

MIX-TF101
Entries 1449792
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

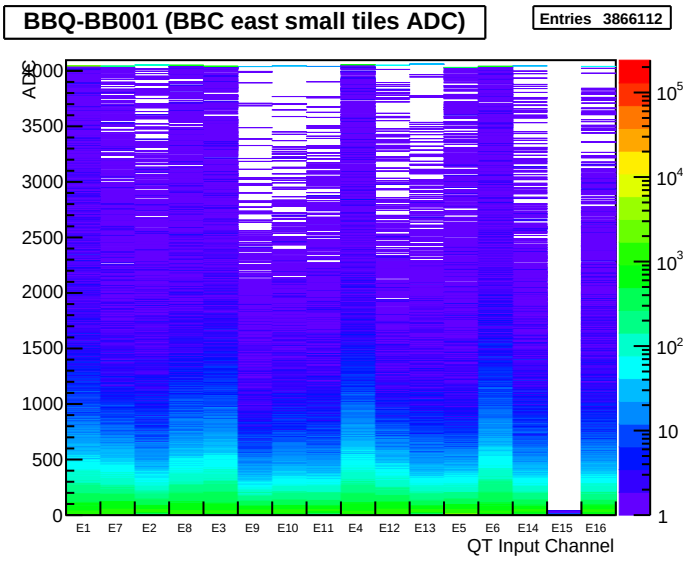

MIX-TF101
Entries 300782
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

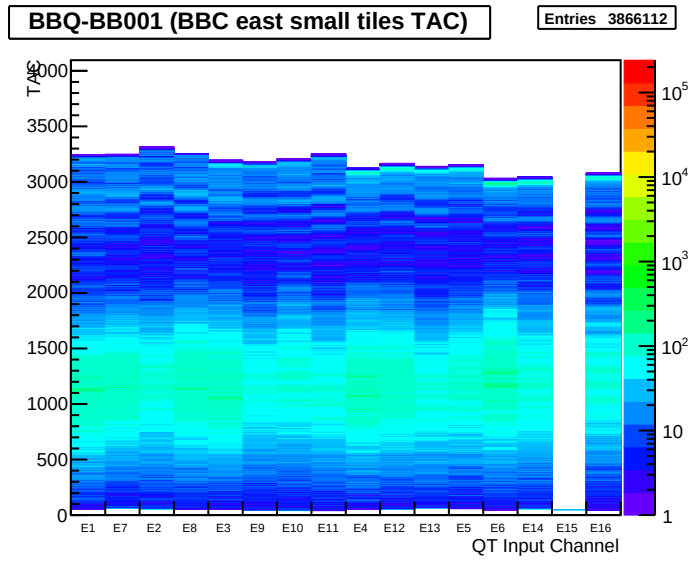

L2-TF201
Entries 241632
TOF total mult

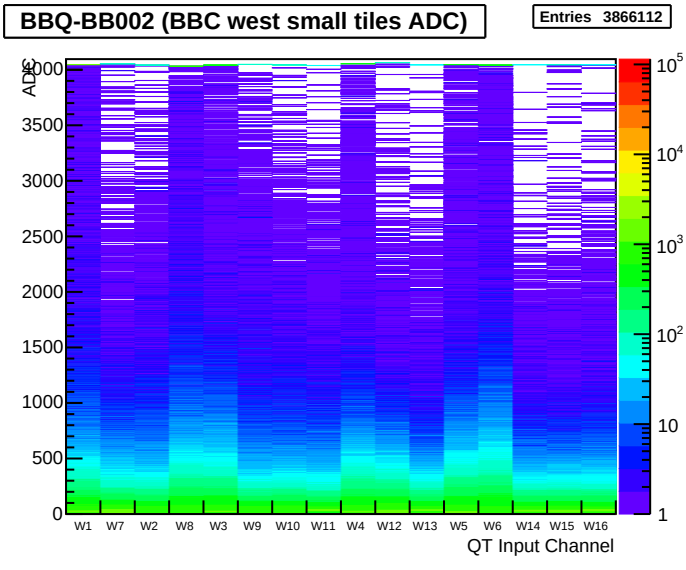

L2-TF201
Entries 0
TOF total mult(Real-Simu)

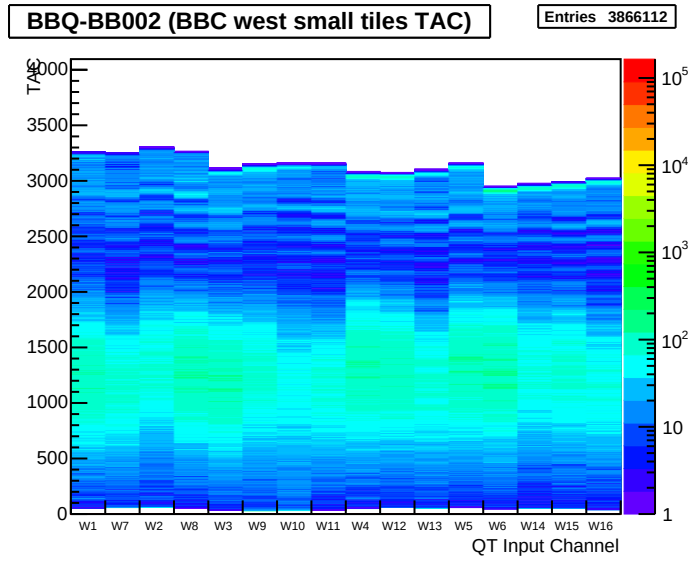

L2-TF201
Entries 1691424
Threshold/UPC bits
214493
216590
25935
217094
215726
213032
230804
27139
25042
215697
24538
25906
28600
10828
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

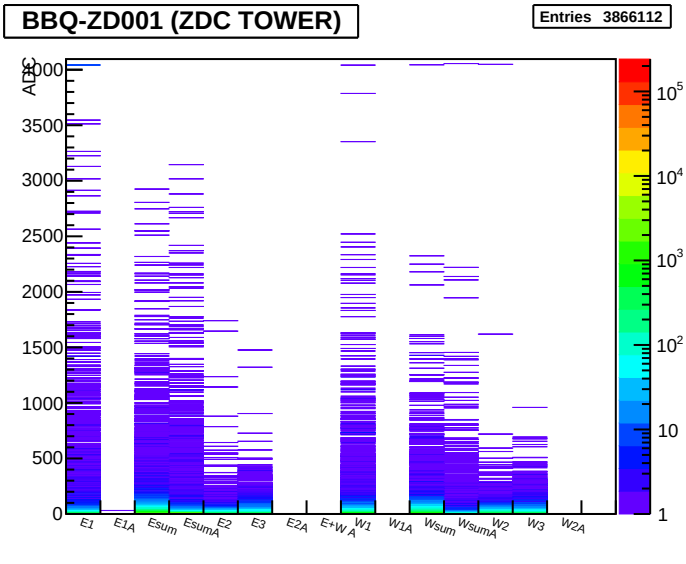

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

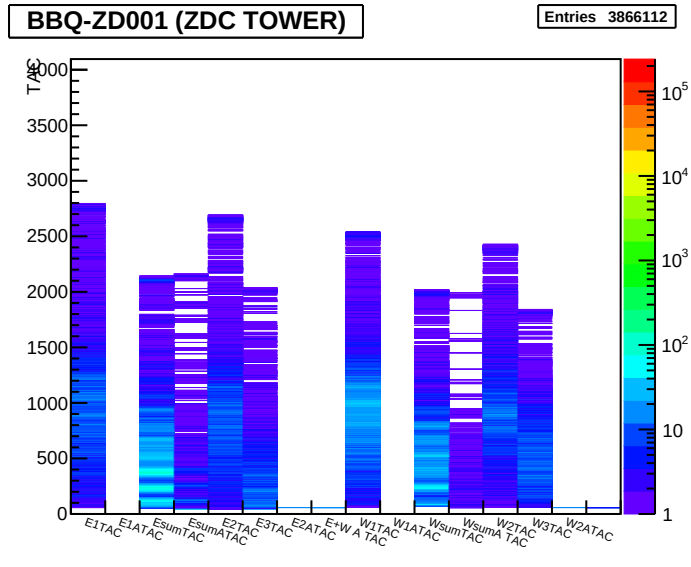

BBQ-BB001 (BBC east small tiles ADC)
Entries 3866112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

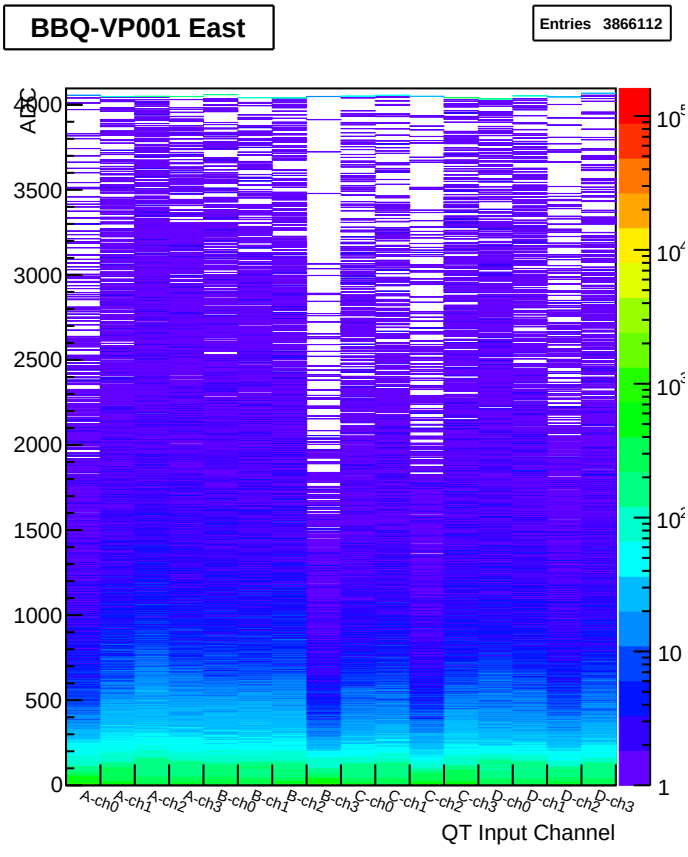

BBQ-BB001 (BBC east small tiles TAC)
Entries 3866112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

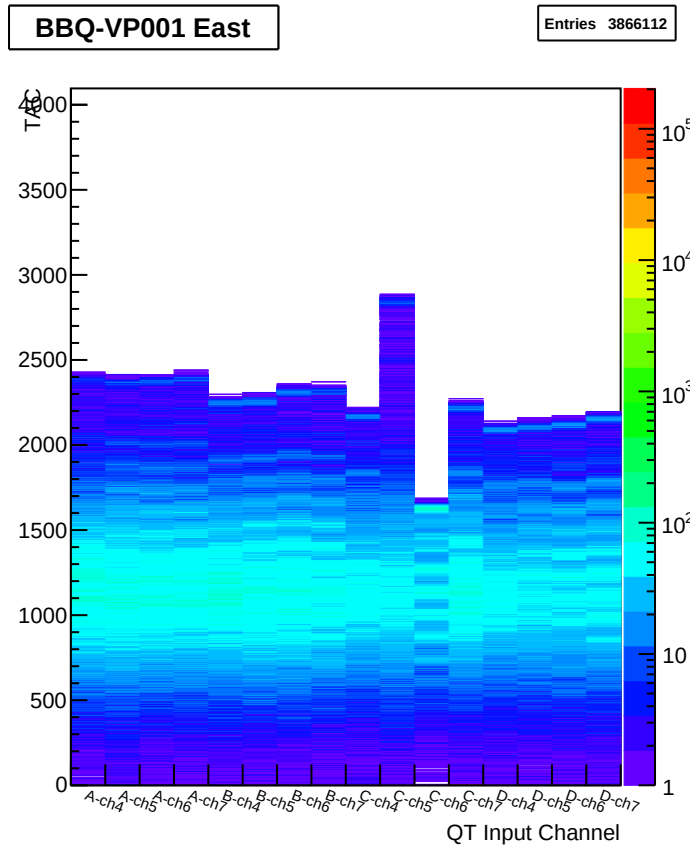

BBQ-BB002 (BBC west small tiles ADC)
Entries 3866112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

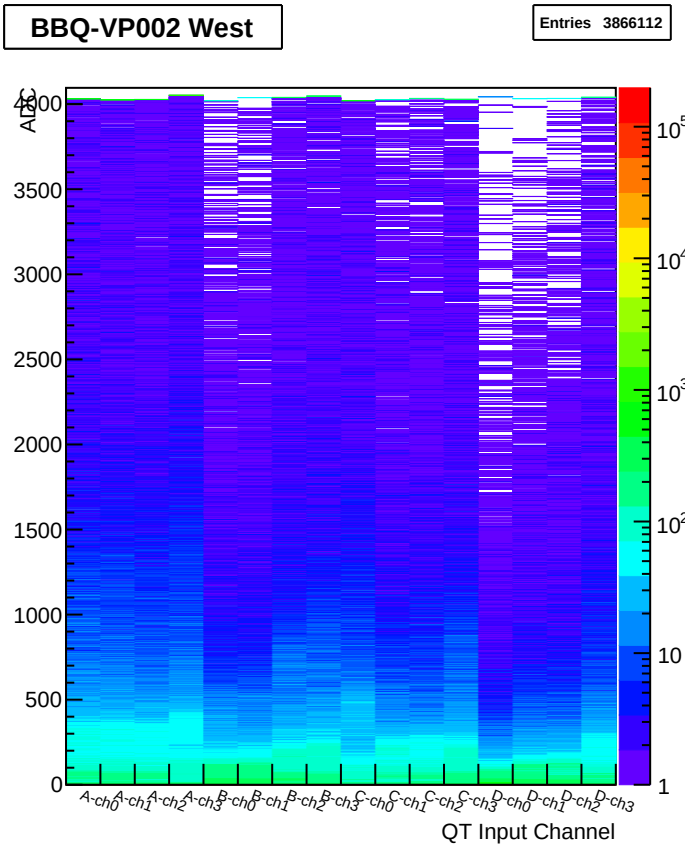

BBQ-BB002 (BBC west small tiles TAC)
Entries 3866112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

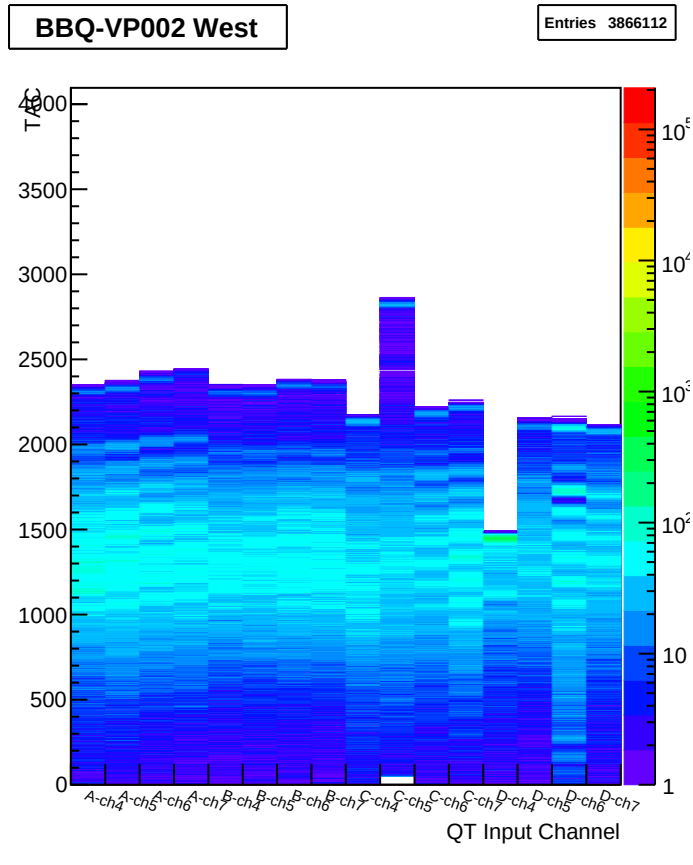

BBQ-ZD001 (ZDC TOWER)
Entries 3866112
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

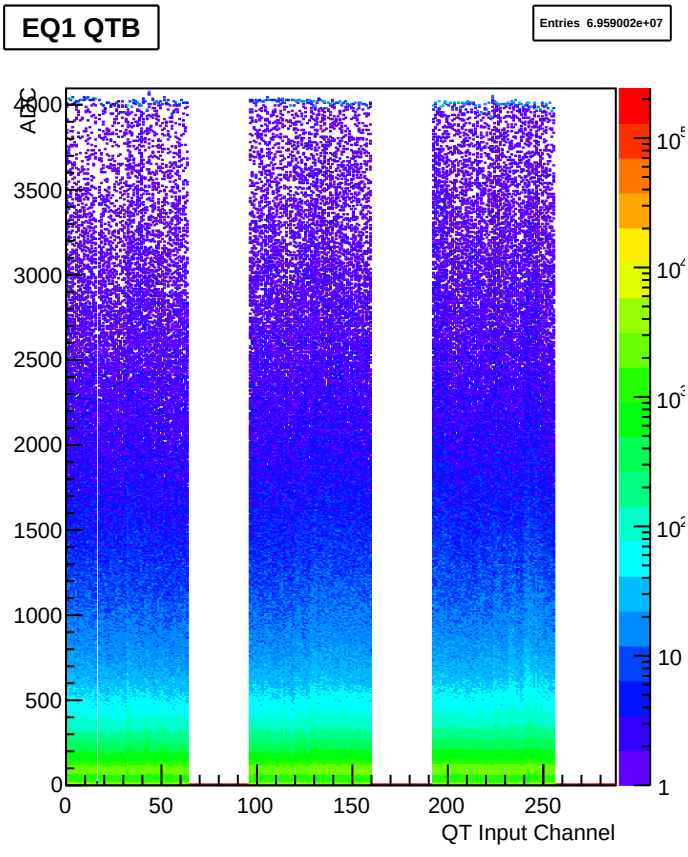

BBQ-ZD001 (ZDC TOWER)
Entries 3866112
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

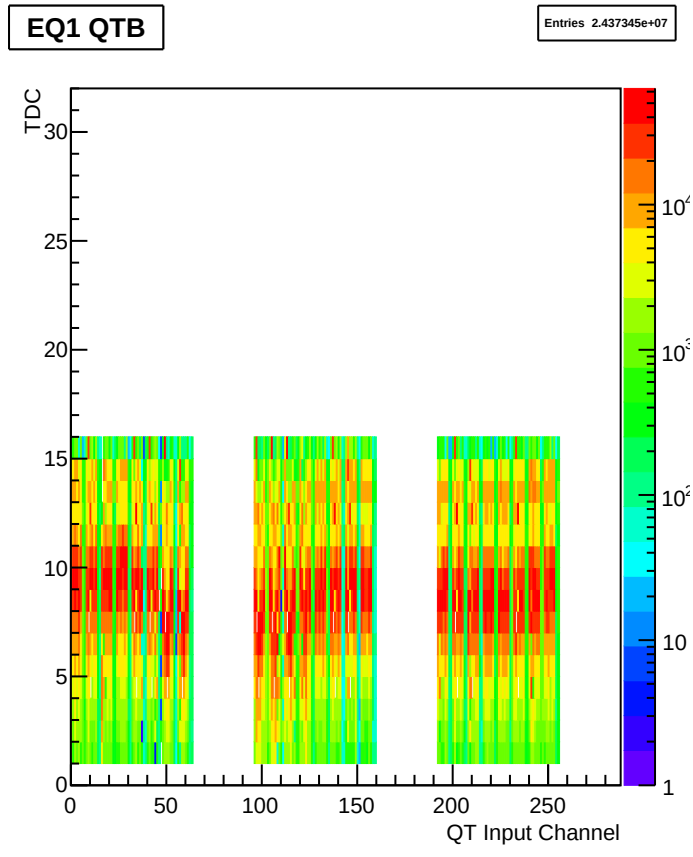

BBQ-VP001 East
Entries 3866112
ADC
QT Input Channel

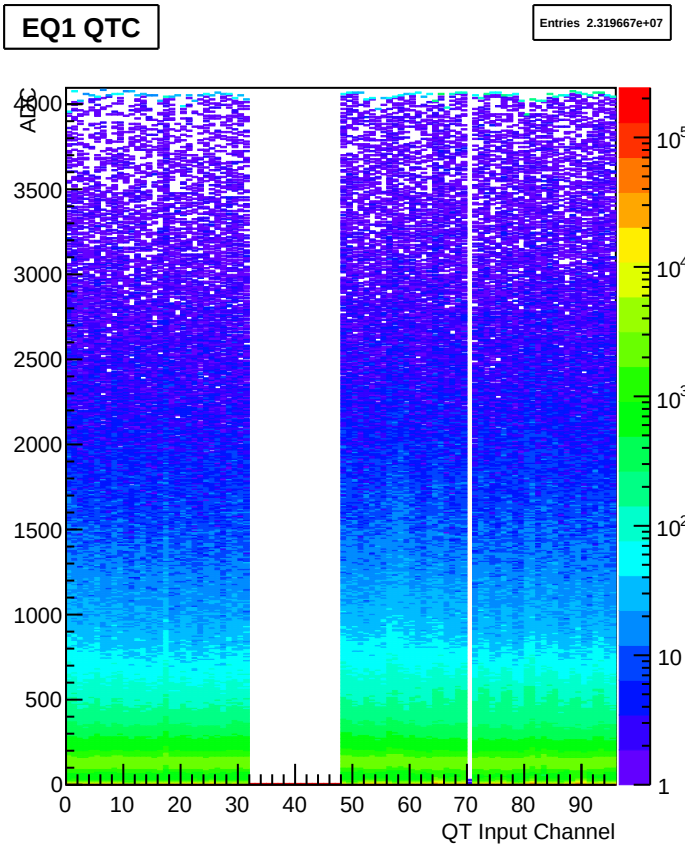

BBQ-VP001 East
Entries 3866112
TADC
QT Input Channel

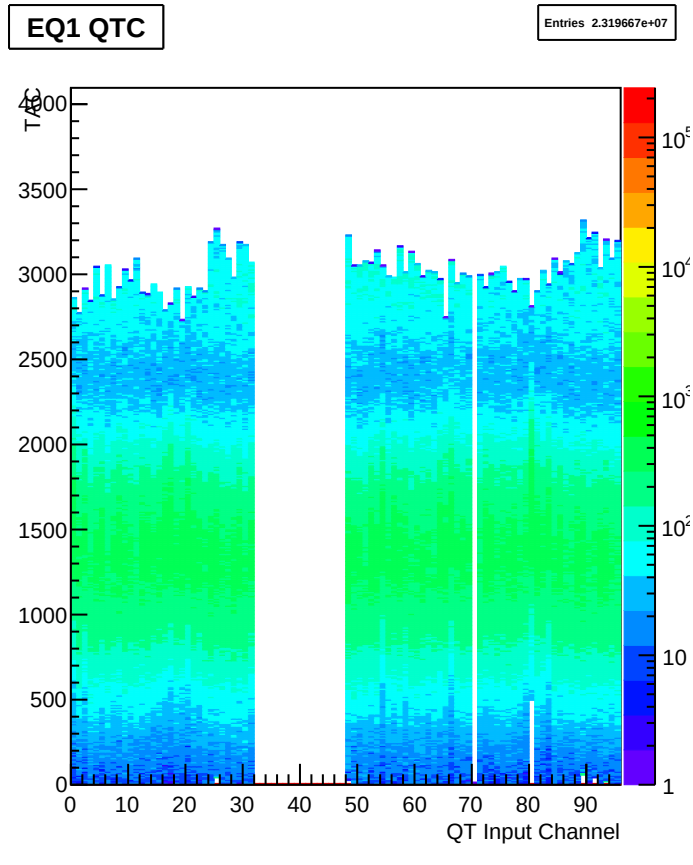

BBQ-VP002 West
Entries 3866112
ADC
QT Input Channel

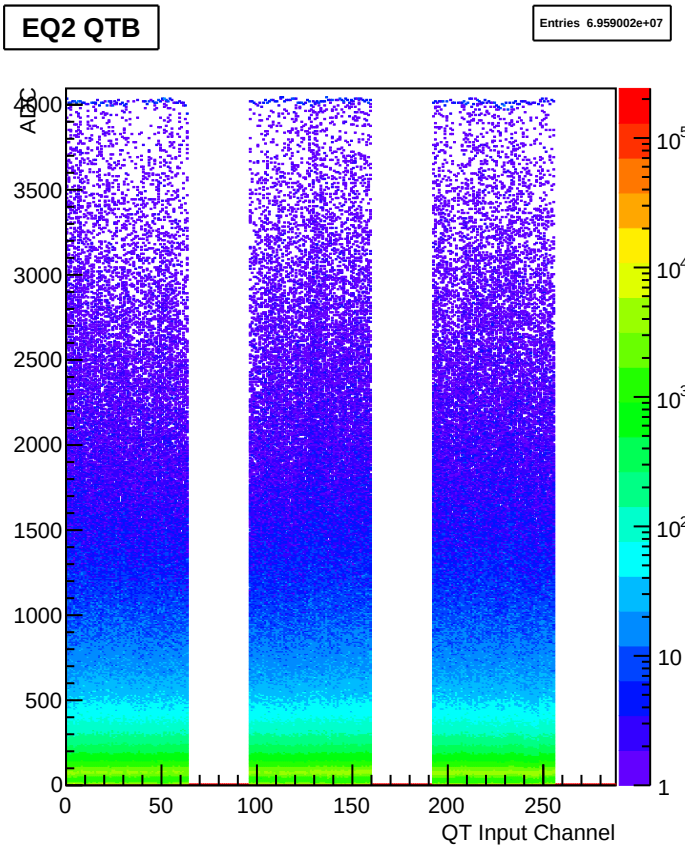

BBQ-VP002 West
Entries 3866112
TADC
QT Input Channel

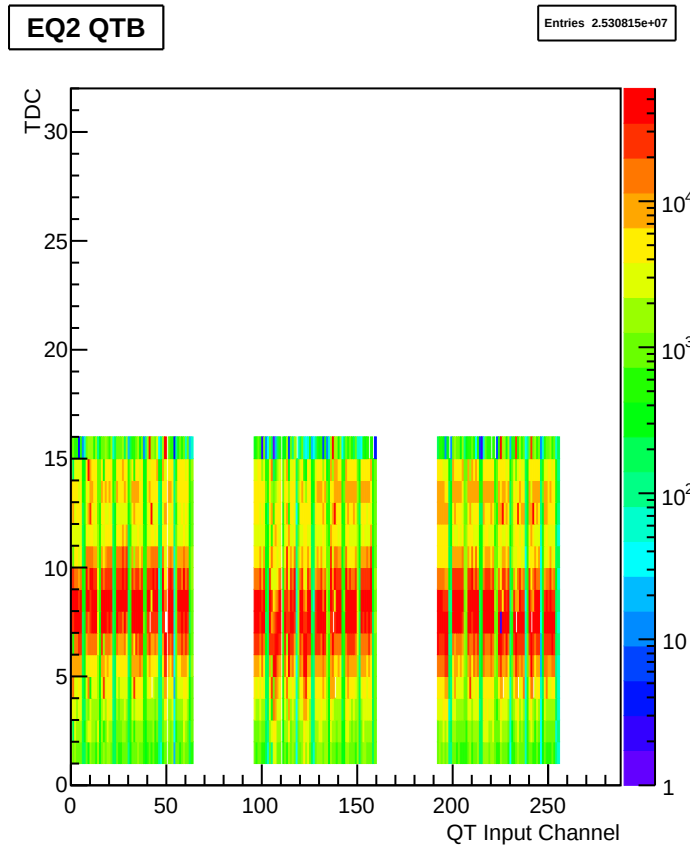

EQ1 QTB
Entries 6.959002e+07
ADC
QT Input Channel

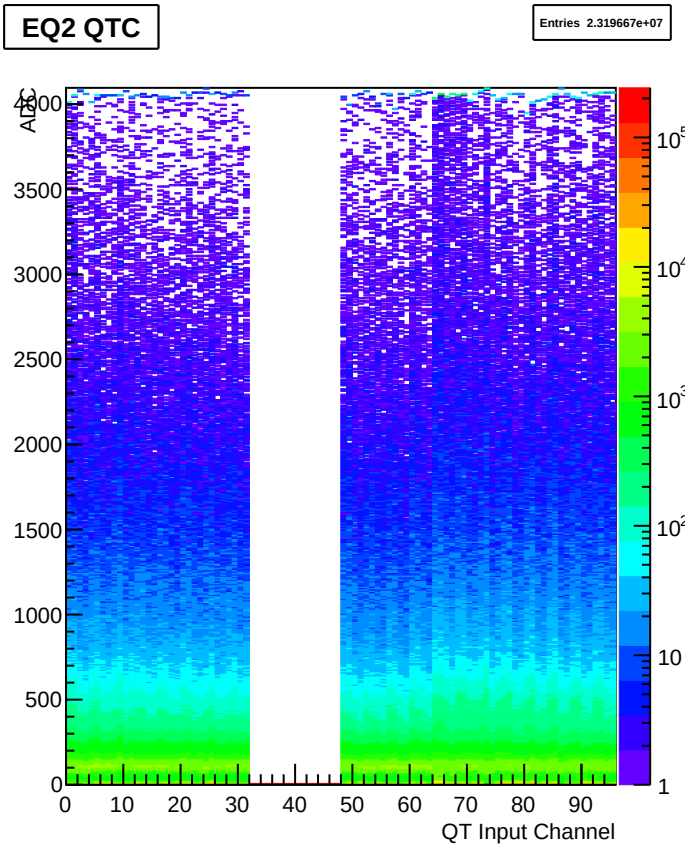

EQ1 QTB
Entries 2.437345e+07
TDC
QT Input Channel

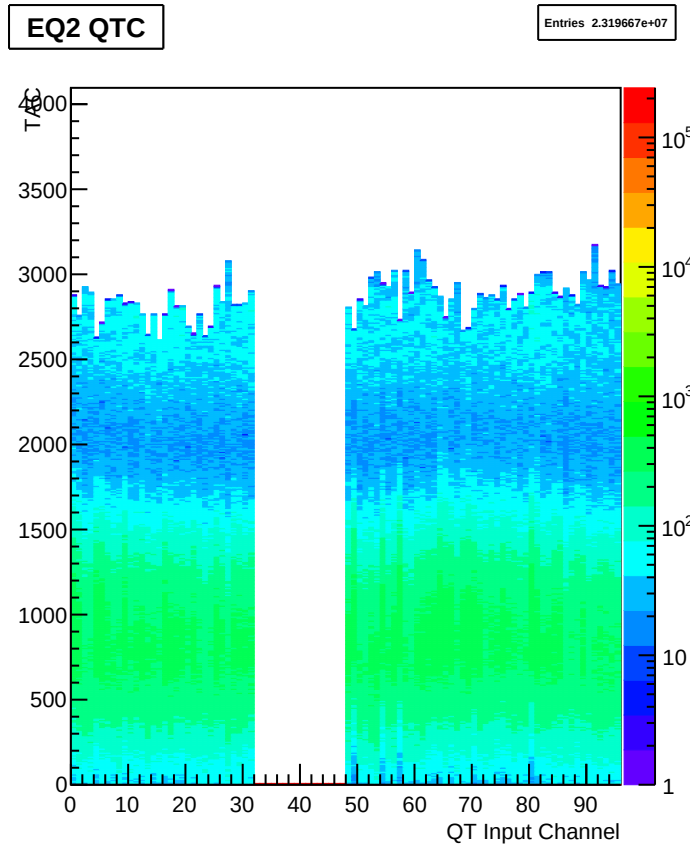

EQ1 QTC
Entries 2.319667e+07
ADC
QT Input Channel

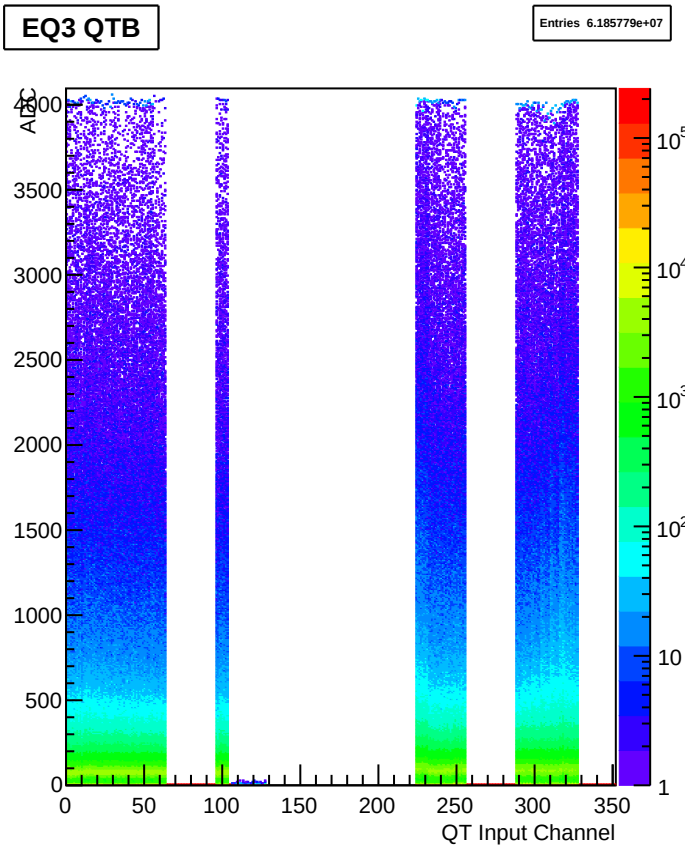

EQ1 QTC
Entries 2.319667e+07
TADC
QT Input Channel

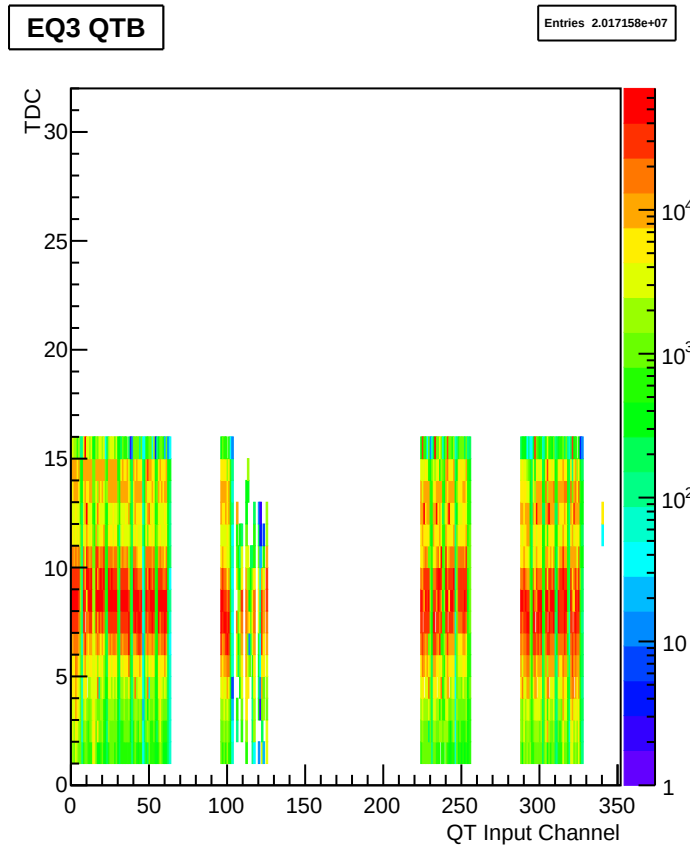

EQ2 QTB
Entries 6.959002e+07
ADC
QT Input Channel

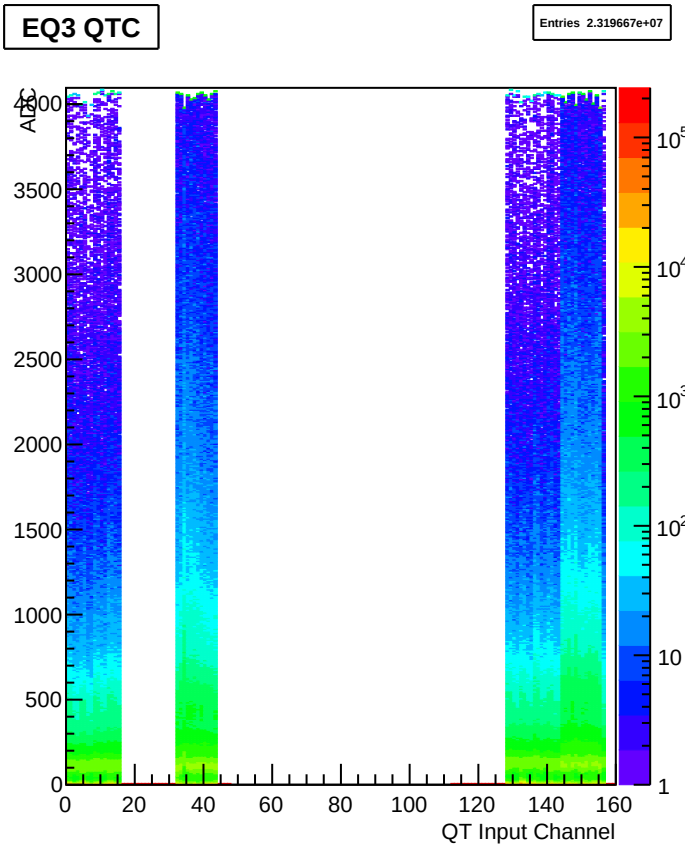

EQ2 QTB
Entries 2.530815e+07
TDC
QT Input Channel

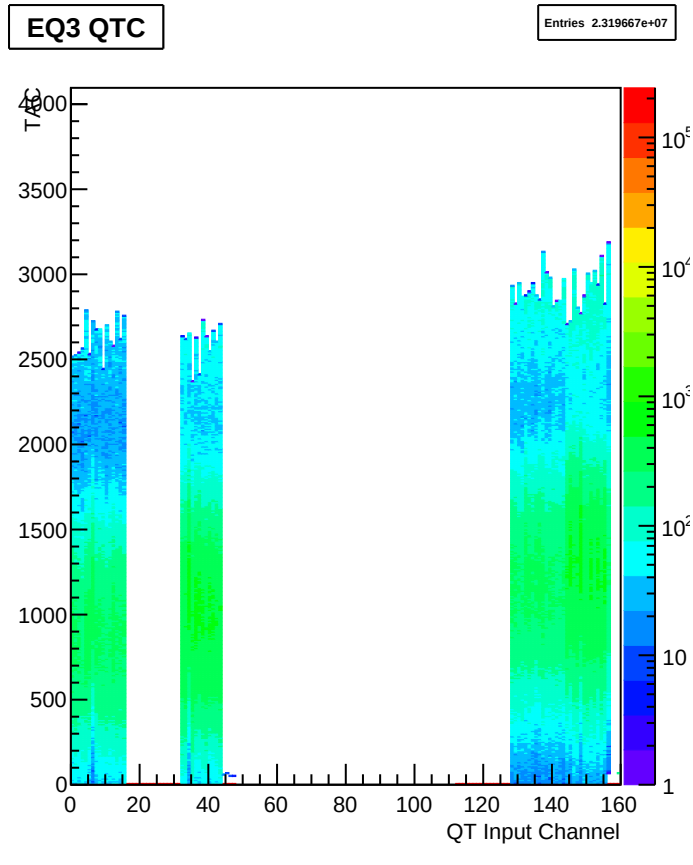

EQ2 QTC
Entries 2.319667e+07
ADC
QT Input Channel

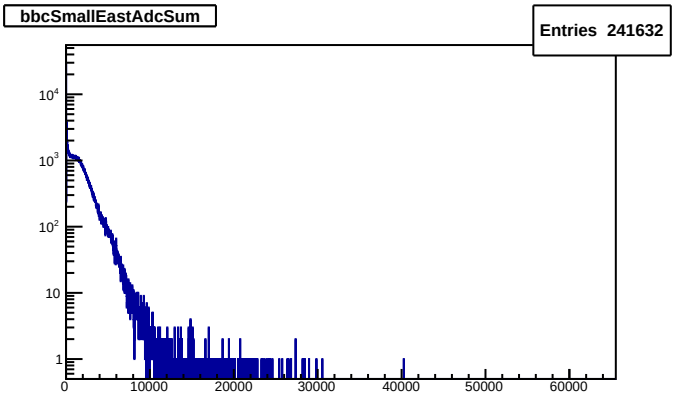

EQ2 QTC
Entries 2.319667e+07
TADC
QT Input Channel

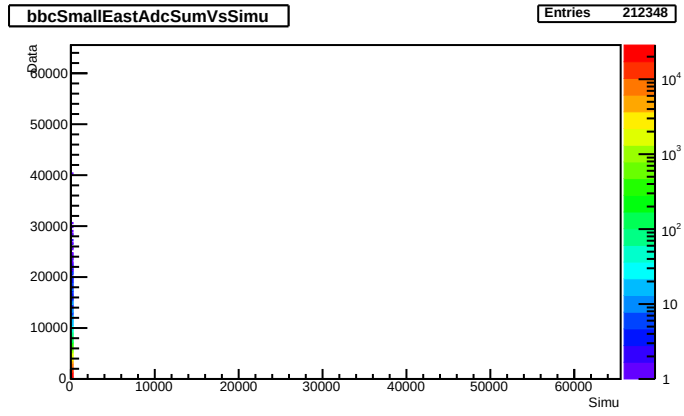

EQ3 QTB
Entries 6.185779e+07
ADC
QT Input Channel

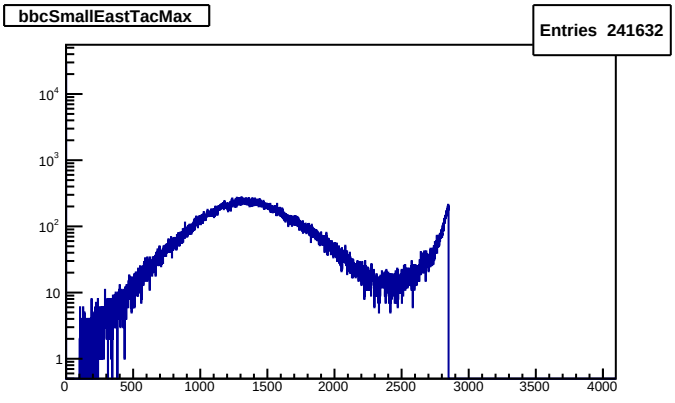

EQ3 QTB
Entries 2.017158e+07
TDC
QT Input Channel

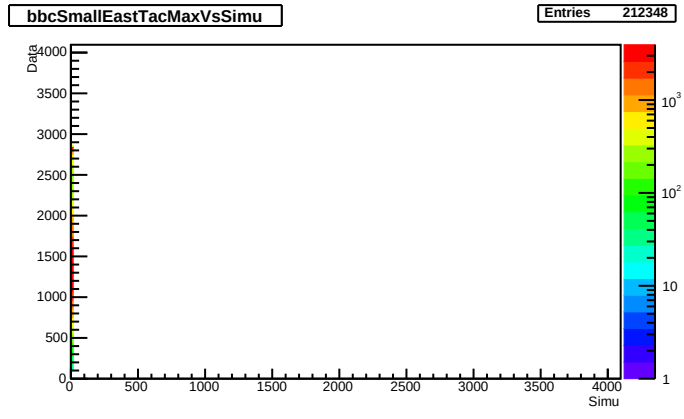

EQ3 QTC
Entries 2.319667e+07
ADC
QT Input Channel

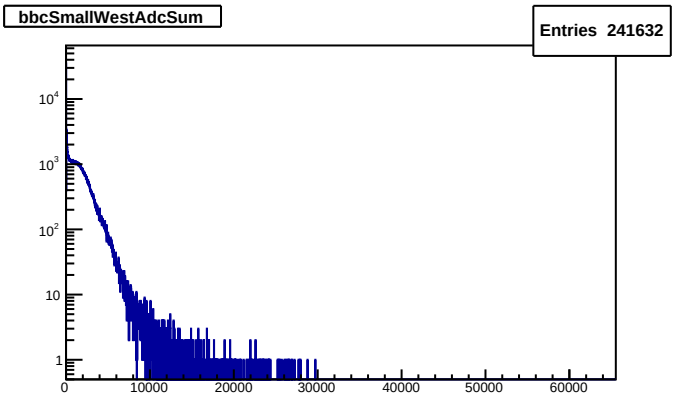

EQ3 QTC
Entries 2.319667e+07
TADC
QT Input Channel

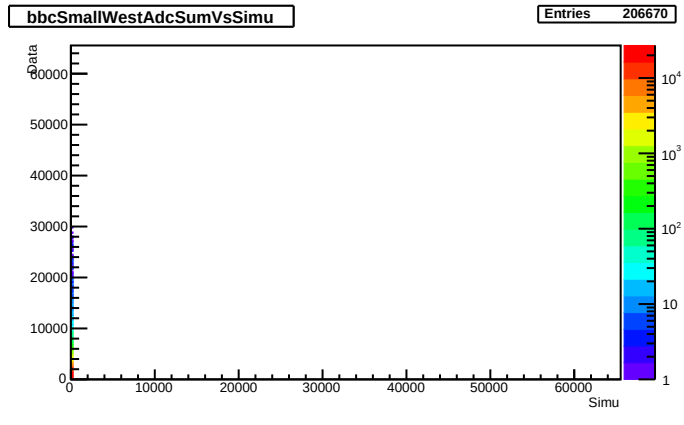

bbcSmallEastAdcSum
Entries 241632


bbcSmallEastAdcSumVsSimu
Entries 212348
Data
Simu


bbcSmallEastTacMax
Entries 241632


bbcSmallEastTacMaxVsSimu
Entries 212348
Data
Simu


bbcSmallWestAdcSum
Entries 241632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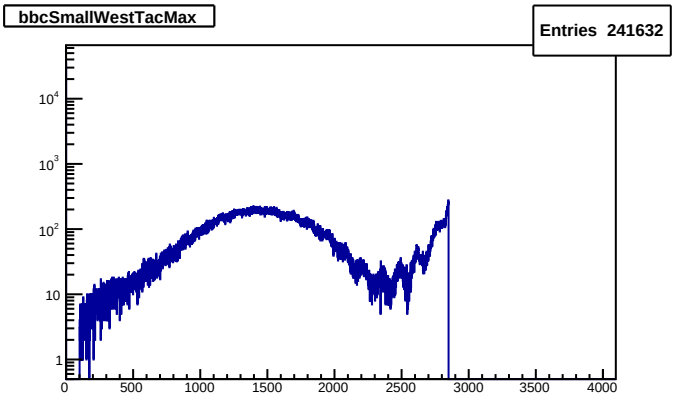
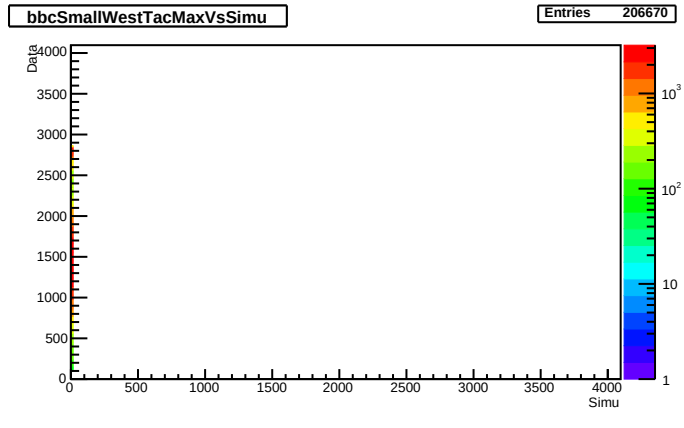
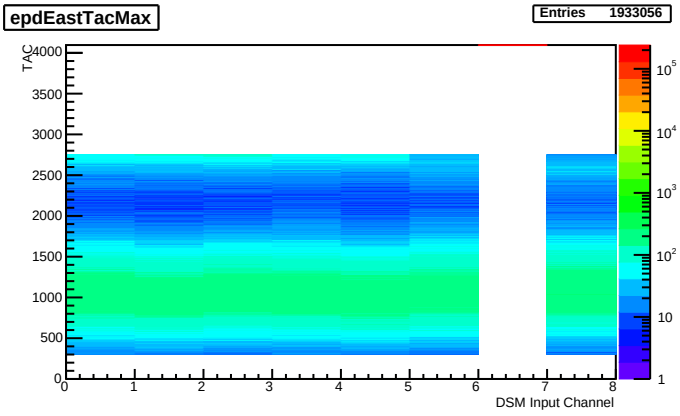
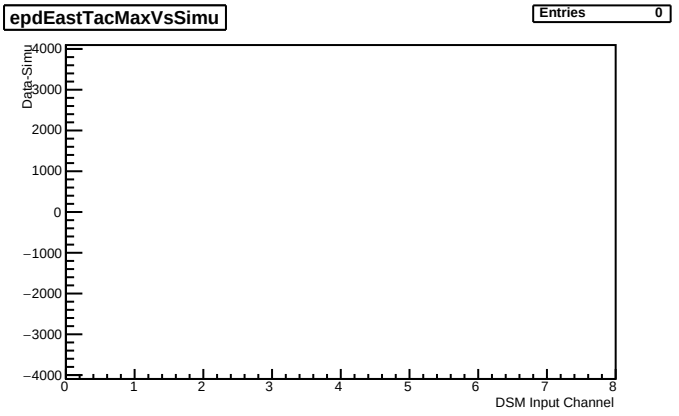
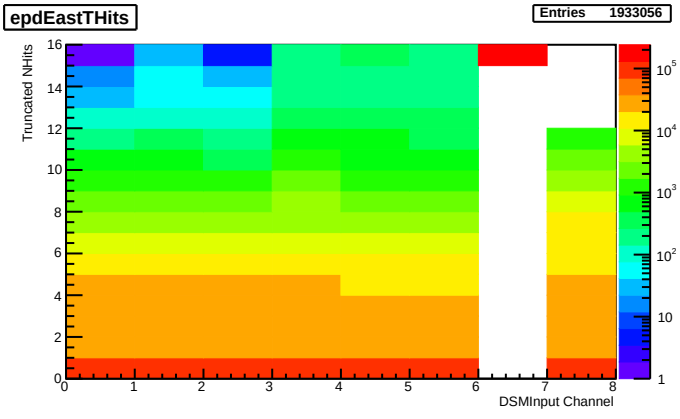
Entries 206670
Data
Simu

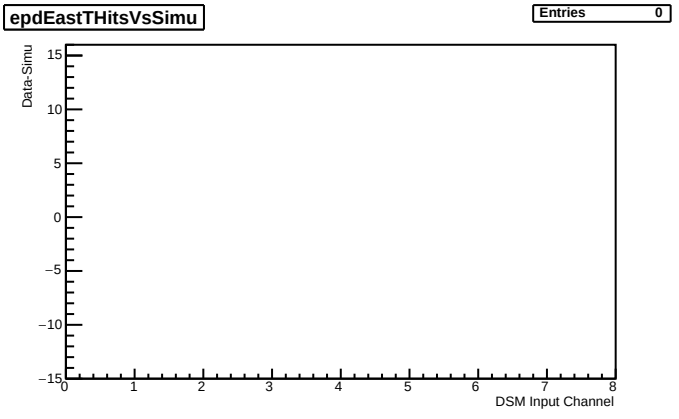

bbcSmallWestTacMax
Entries 241632


bbcSmallWestTacMaxVsSimu
Entries 206670
Data
Simu


epdEastTacMax
Entries 1933056
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1933056
Truncated NHits
DSMInput Channel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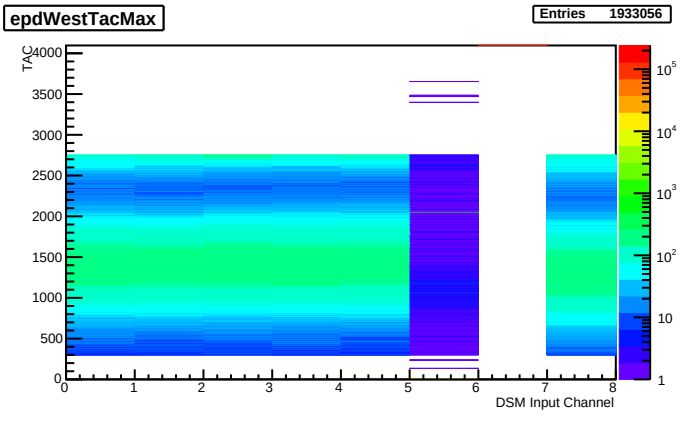
Data-Simu
DSM Input Channel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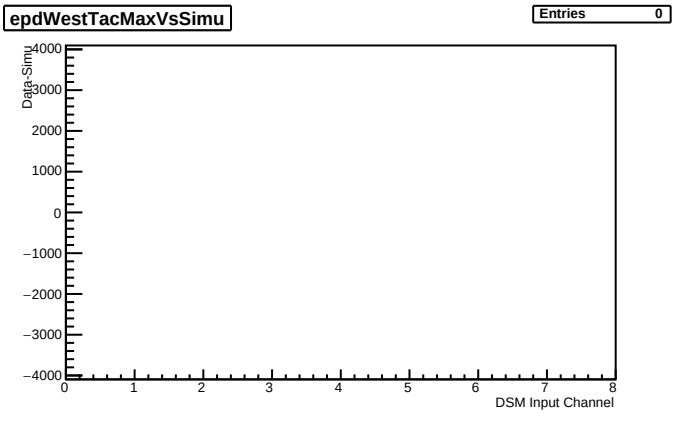
Entries 1933056
TAC
DSM Input Channel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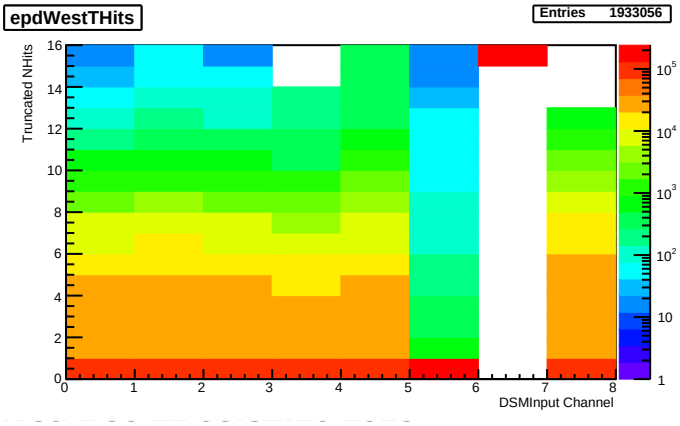
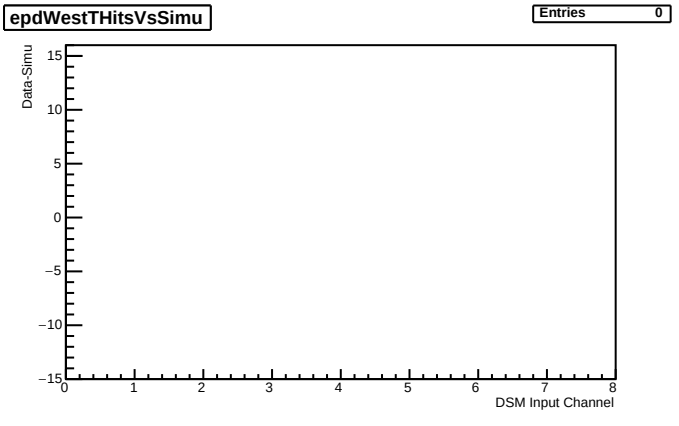
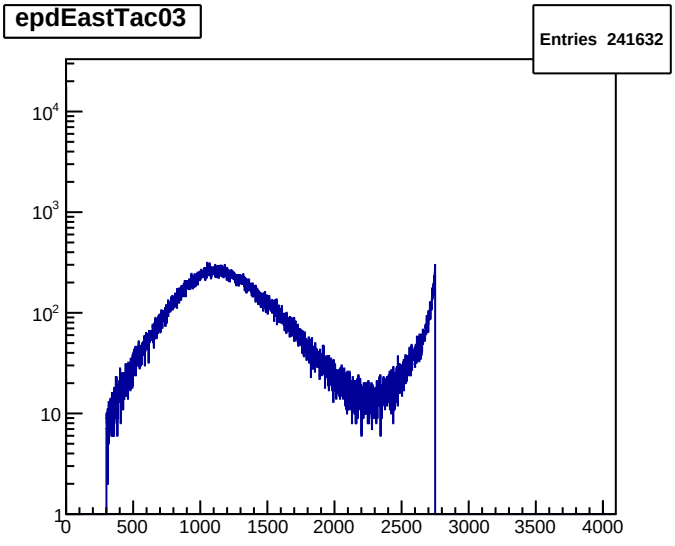
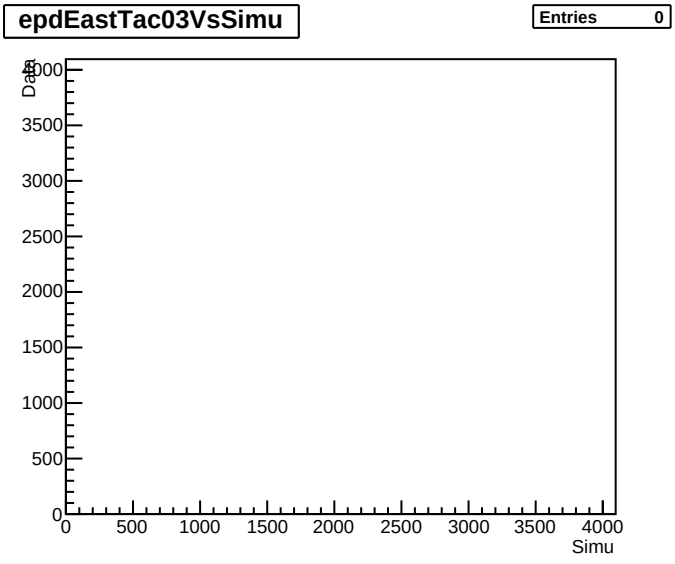
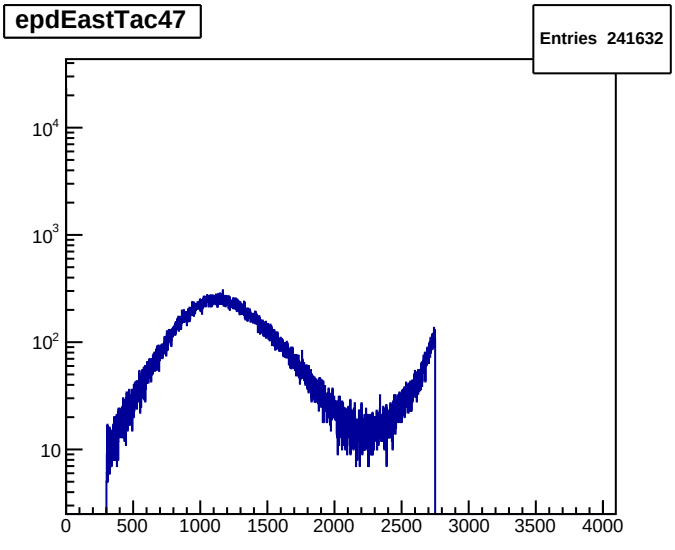
Entries 0
Data-Simu
DSM Input Channel

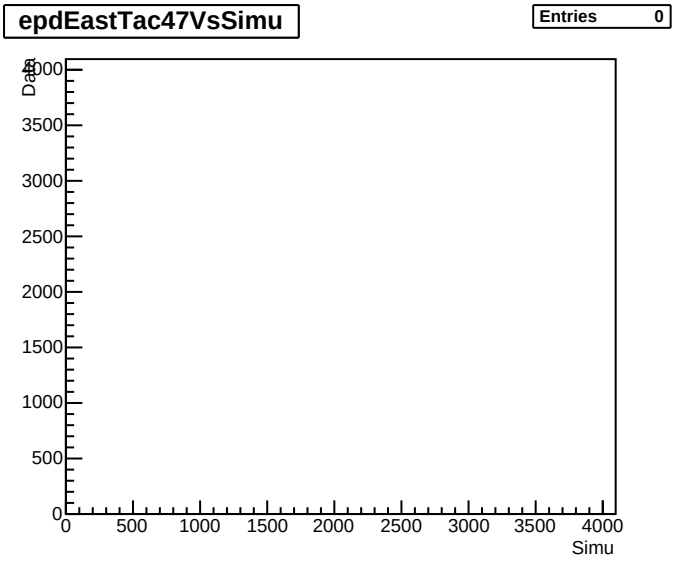

epdWestTHits
Entries 1933056
Truncated NHits
DSMInput Channel

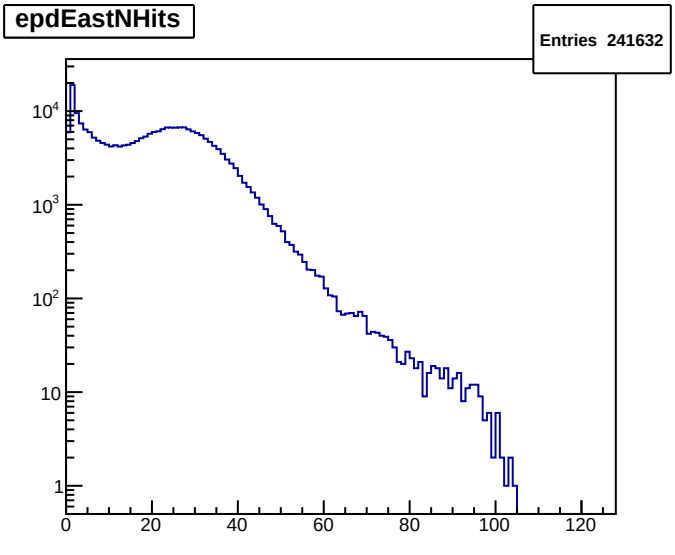

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

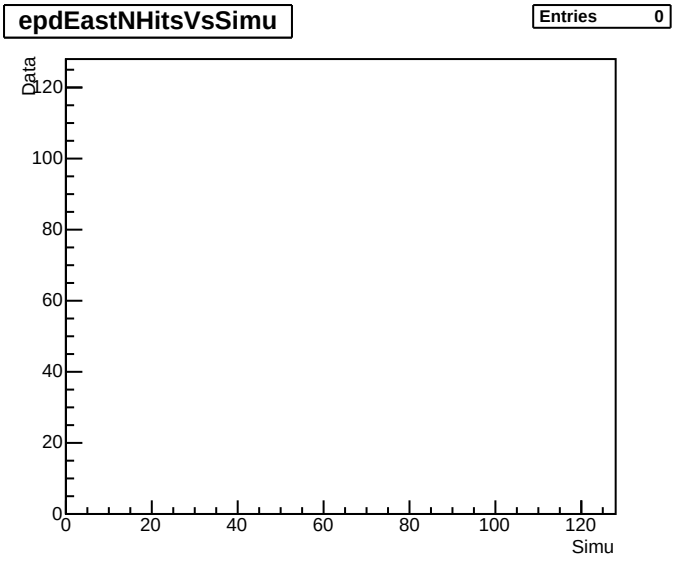

epdEastTac03
Entries 241632


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 241632


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 241632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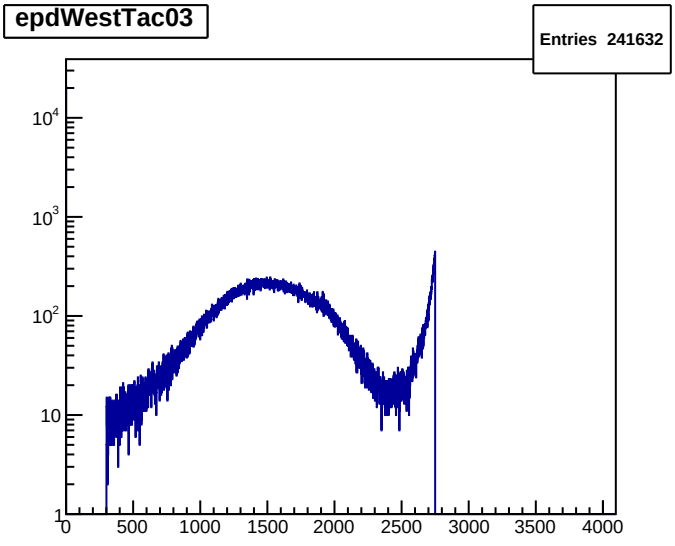
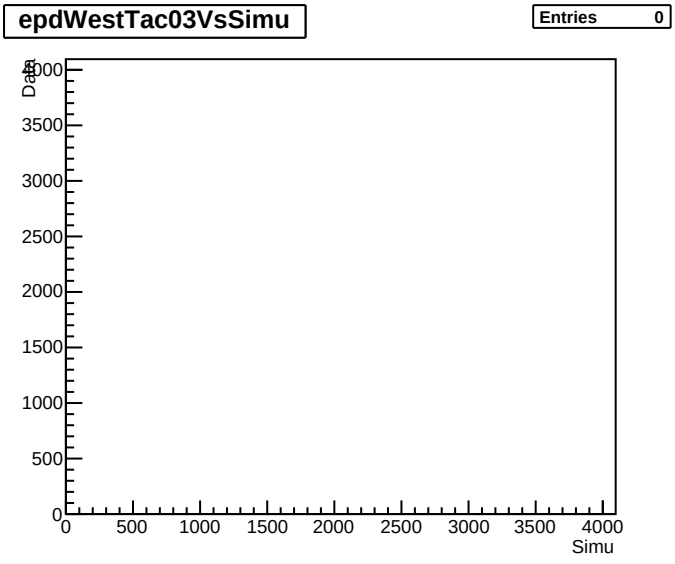
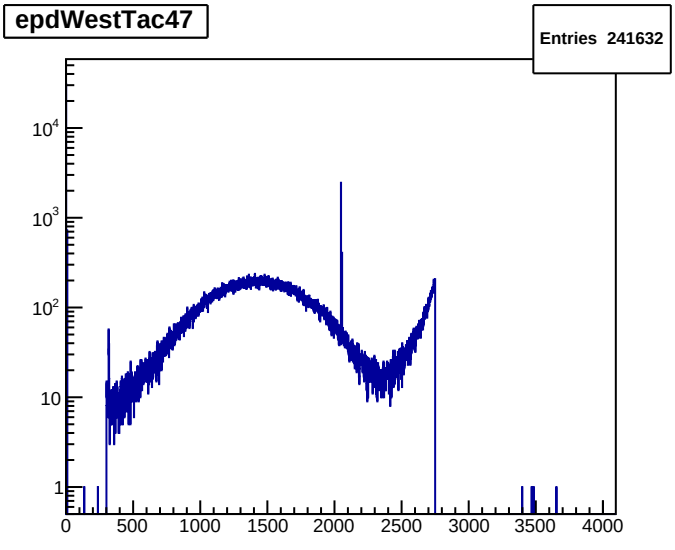
Entries 0
Data
Simu


epdWestTac03
Entries 241632


epdWestTac03VsSimu
Entries 0
Data
Simu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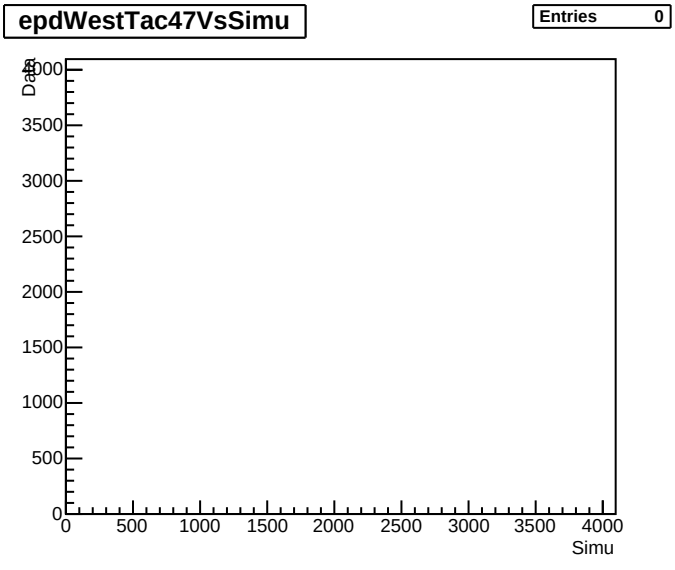
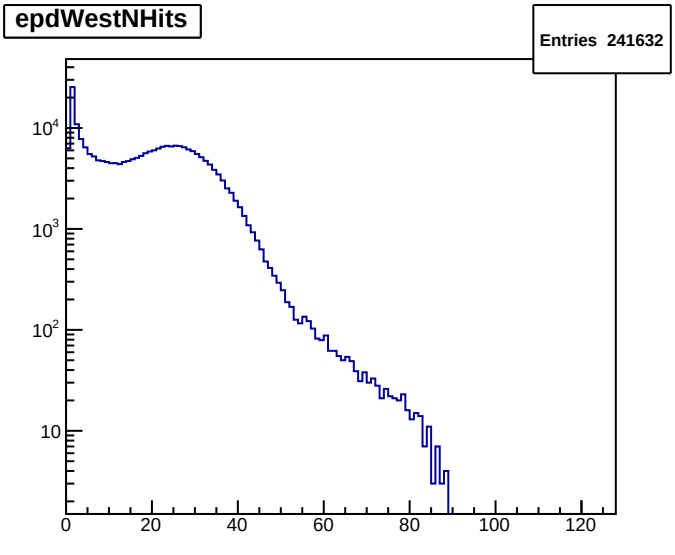
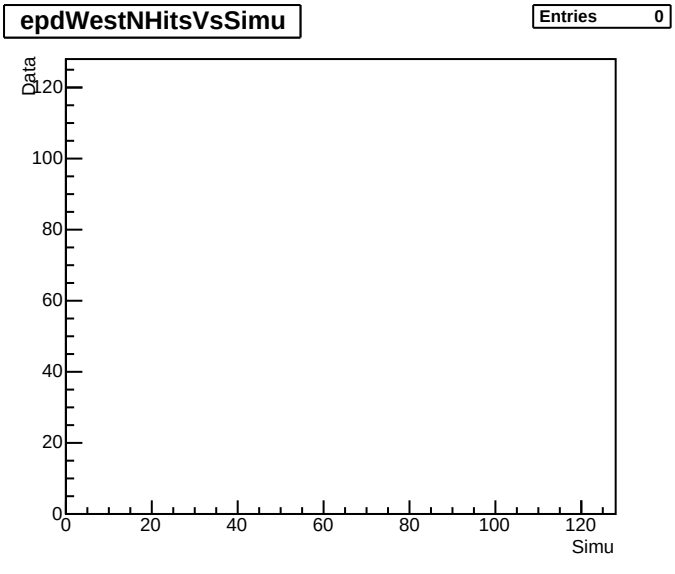
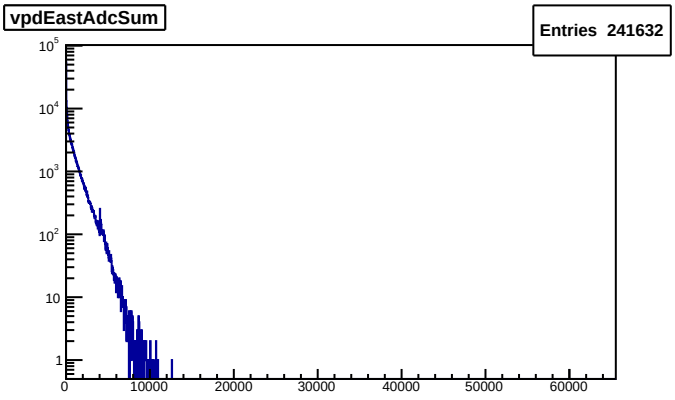
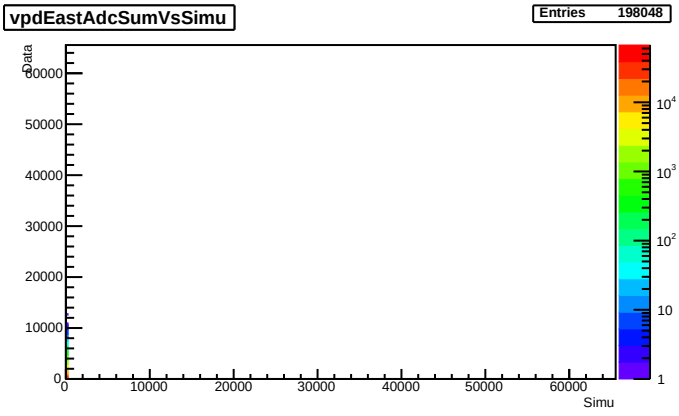
Entries 241632

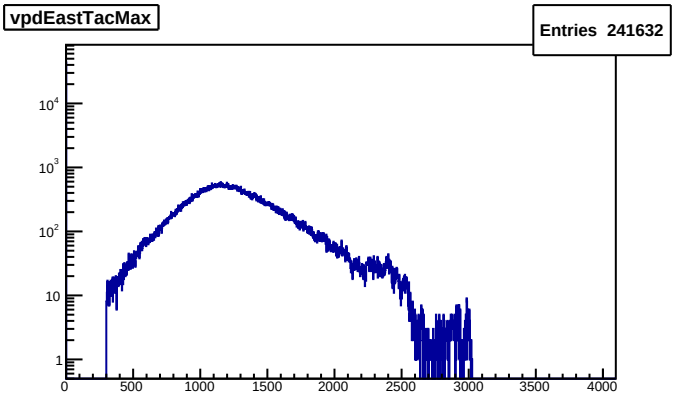

epdWestTac47VsSimu
Entries 0
Data
Simu

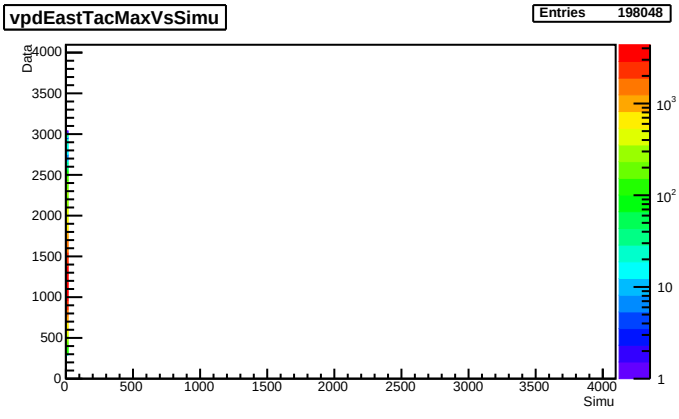

epdWestNHits
Entries 241632

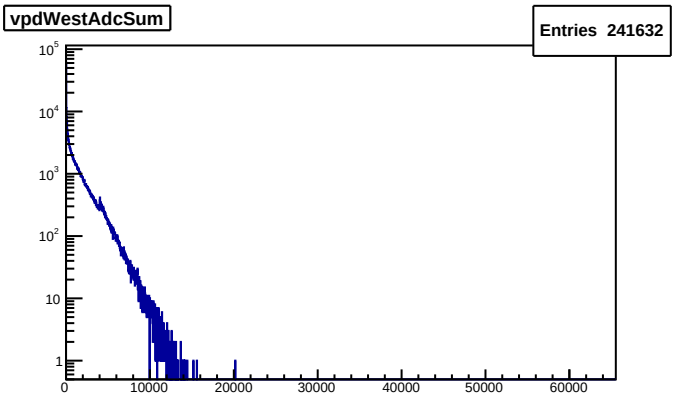

epdWestNHitsVsSimu
Entries 0
Data
Simu

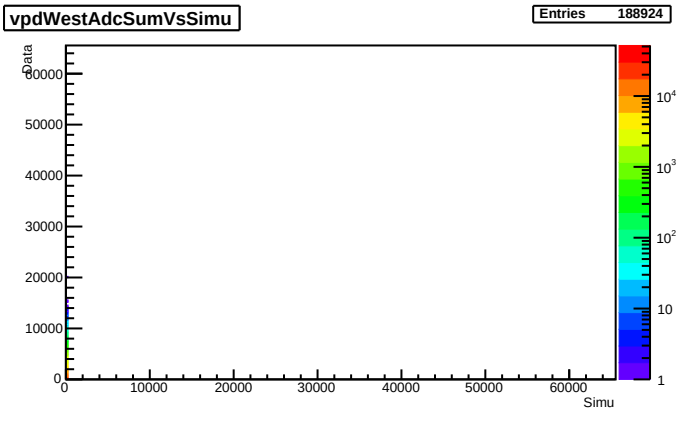

vpdEastAdcSum
Entries 241632

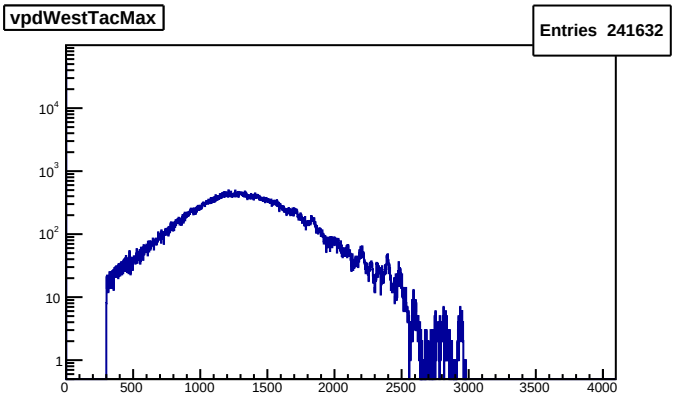

vpdEastAdcSumVsSimu
Entries 198048
Data
Simu

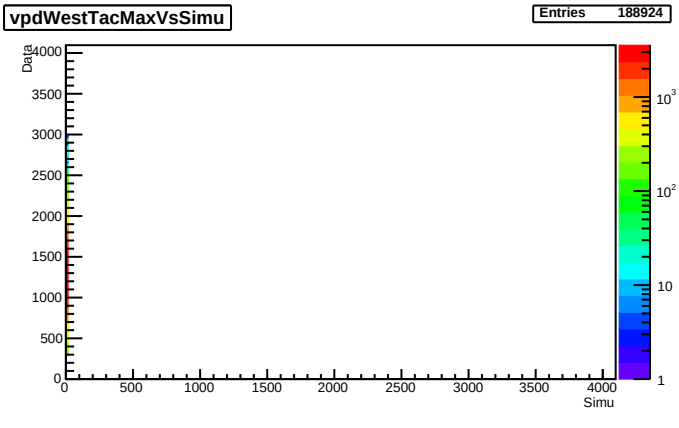

vpdEastTacMax
Entries 241632

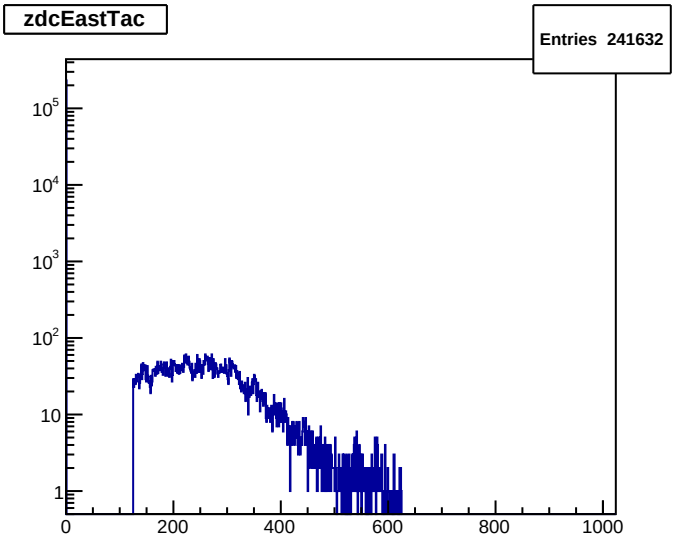

vpdEastTacMaxVsSimu
Entries 198048
Data
Simu

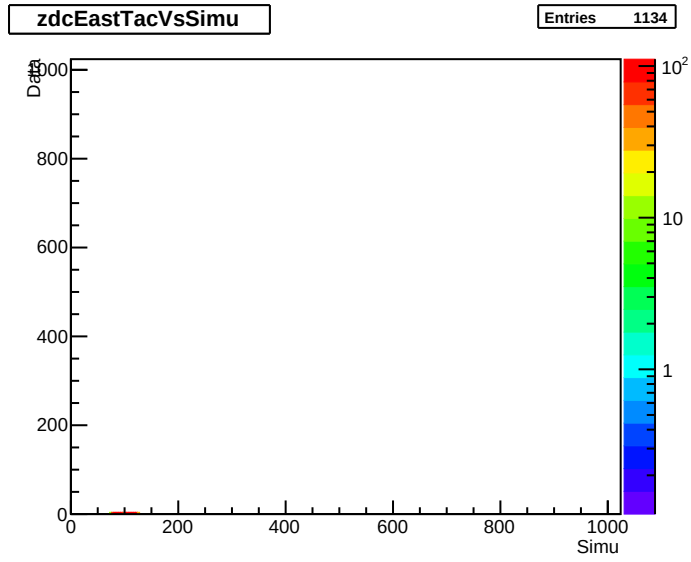

vpdWestAdcSum
Entries 241632

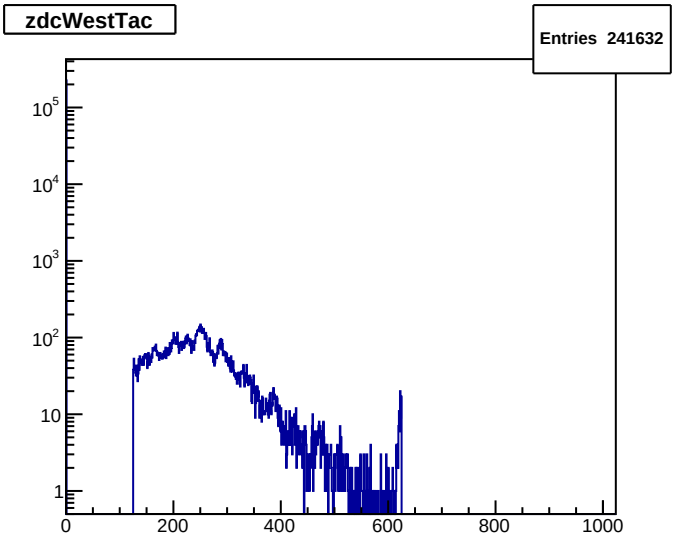

vpdWestAdcSumVsSimu
Entries 188924
Data
Simu

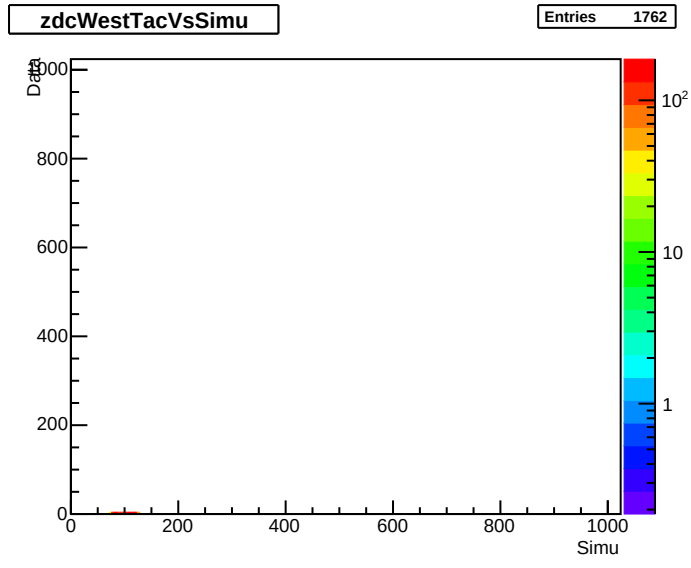

vpdWestTacMax
Entries 241632

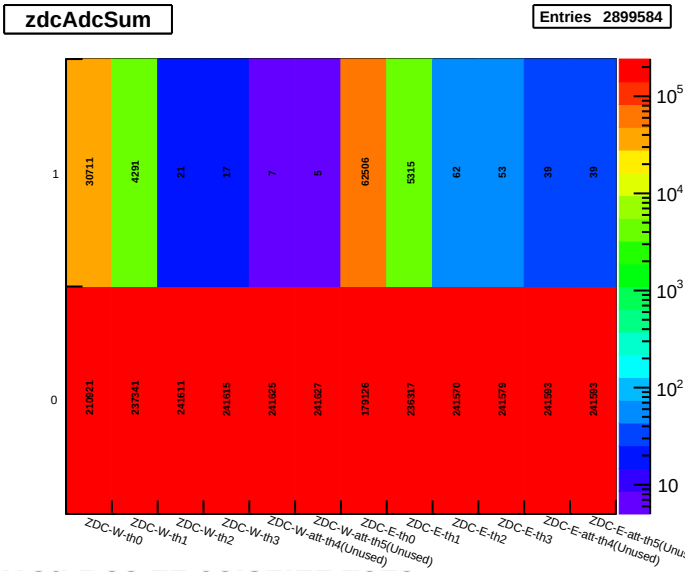

vpdWestTacMaxVsSimu
Entries 188924
Data
Simu

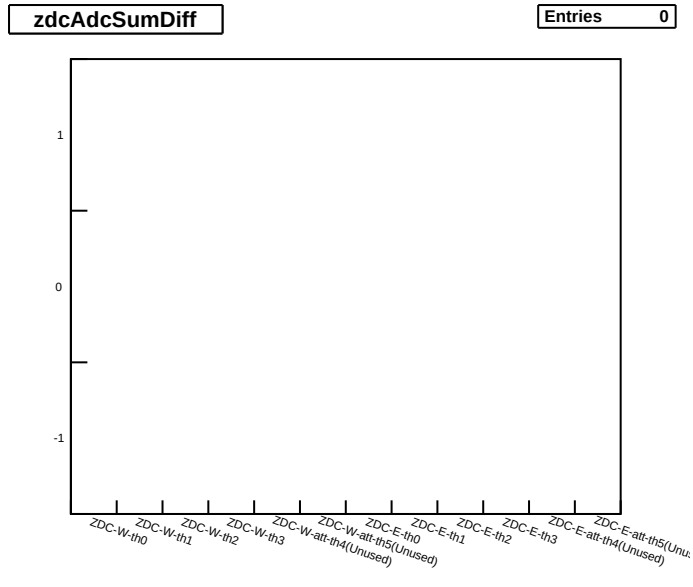

zdcEastTac
Entries 241632

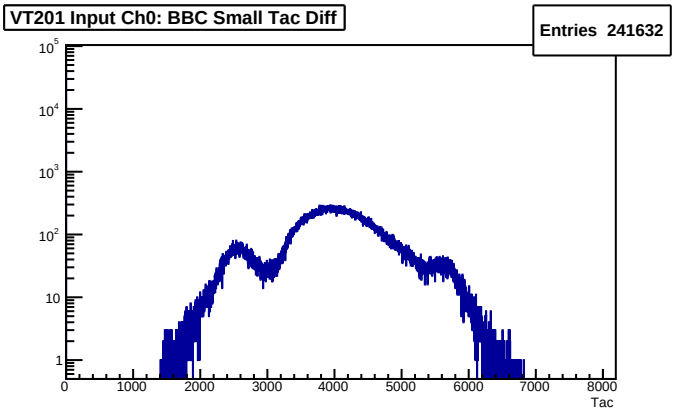

zdcEastTacVsSimu
Entries 1134
Data
Simu

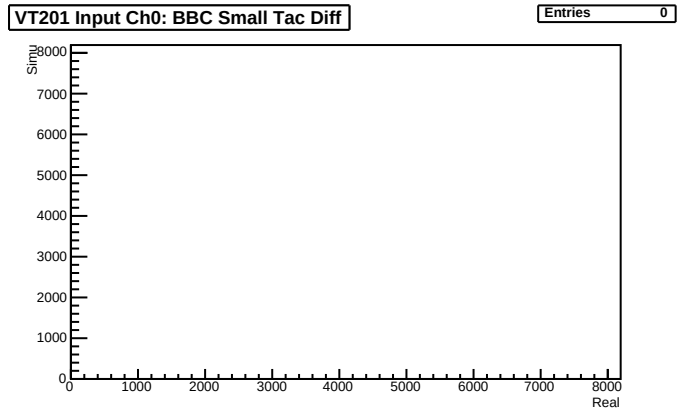

zdcWestTac
Entries 241632

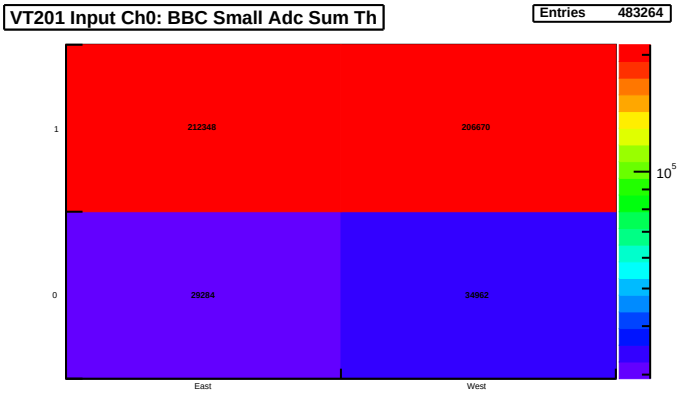

zdcWestTacVsSimu
Entries 1762
Data
Simu

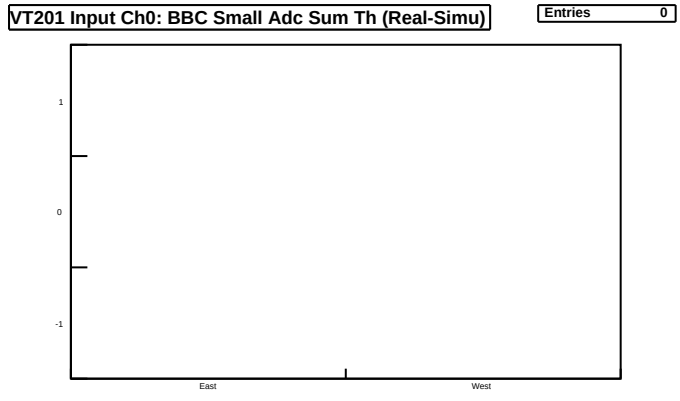

zdcAdcSum
Entries 2899584
30711
4291
21
17
7
5
62506
5315
62
53
39
39
210821
237341
241611
241615
241625
241627
179126
236317
241570
241579
241593
241593
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

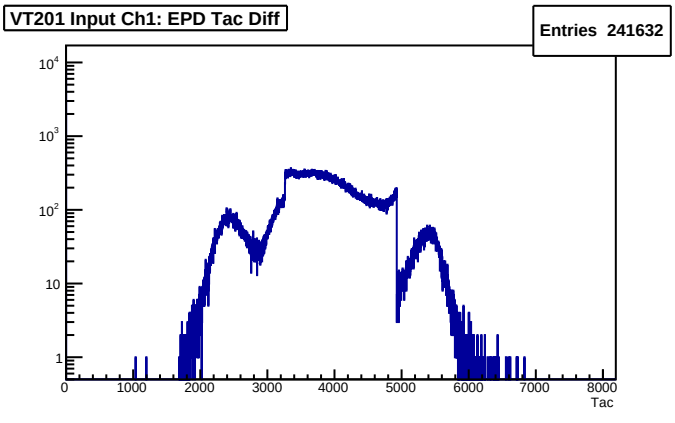

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

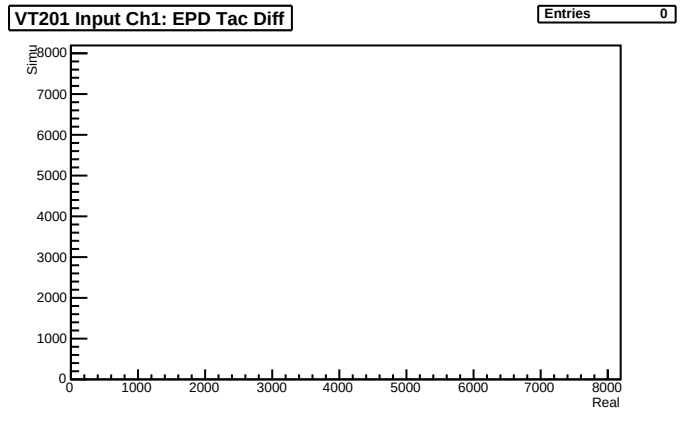

VT201 Input Ch0: BBC Small Tac Diff
Entries 241632
Tac

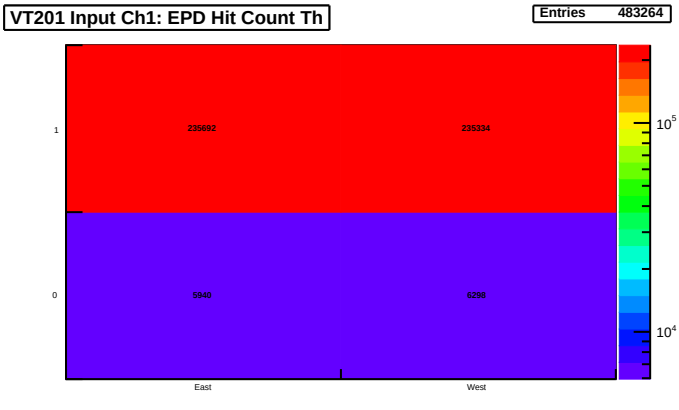

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

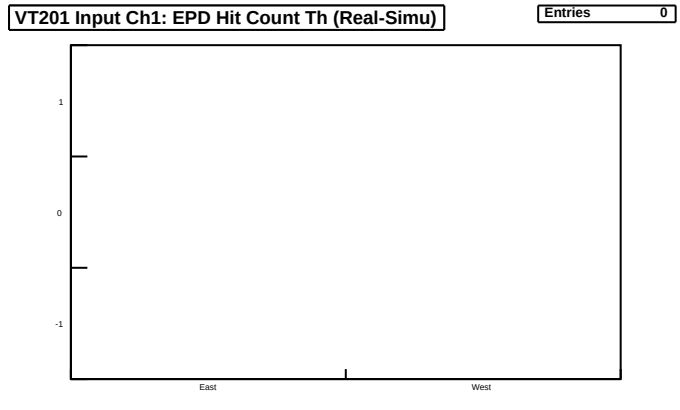

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 483264
212348
206670
29284
34962
East
West

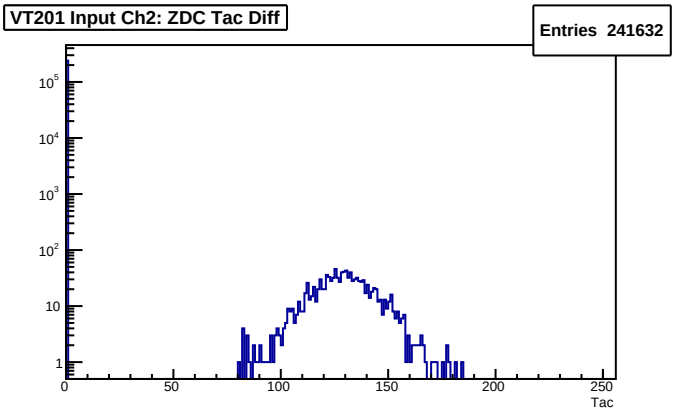

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

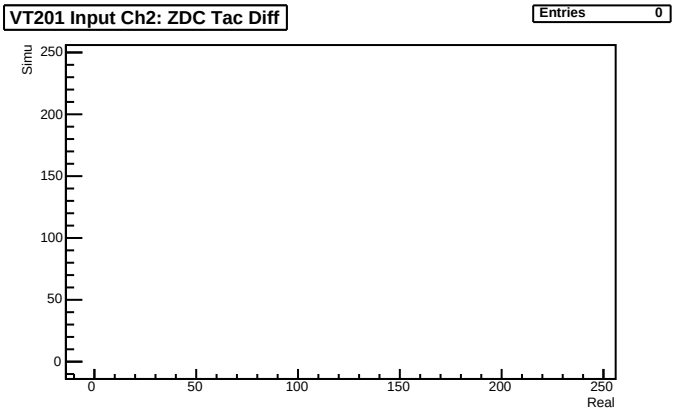

VT201 Input Ch1: EPD Tac Diff
Entries 241632
Tac

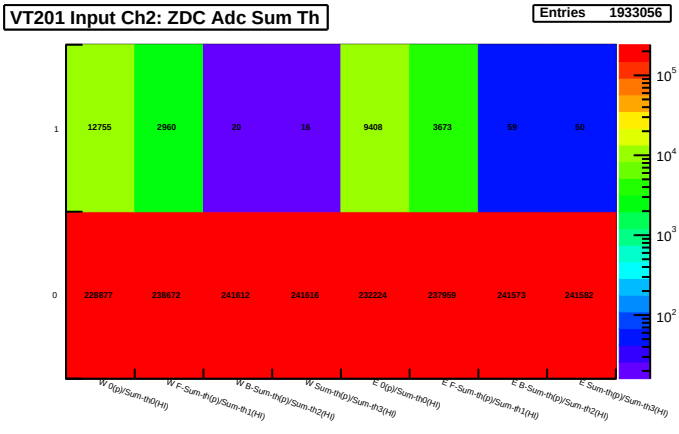

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

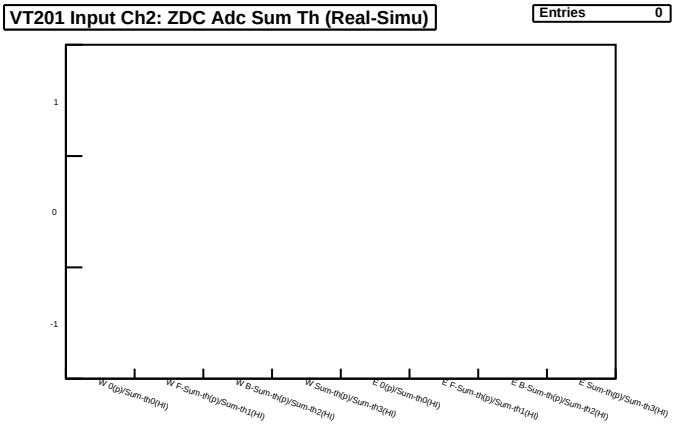

VT201 Input Ch1: EPD Hit Count Th
Entries 483264
235692
235334
5940
6298
East
West

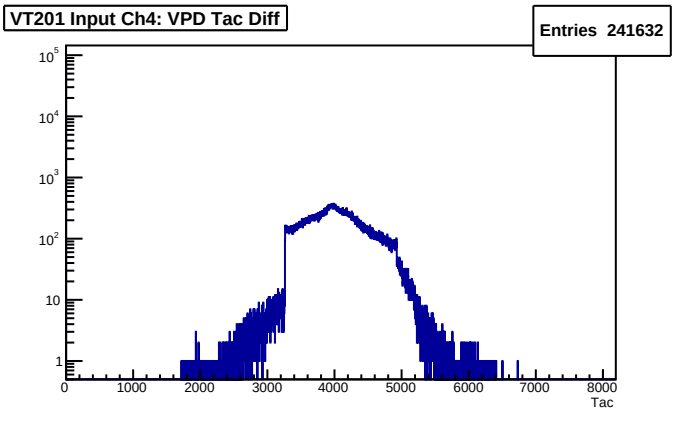

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

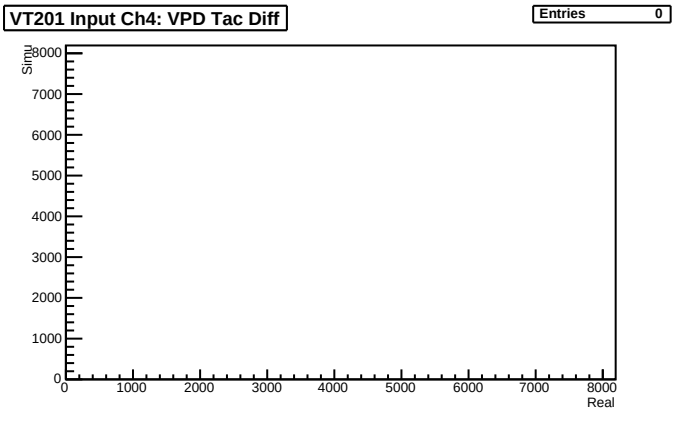

VT201 Input Ch2: ZDC Tac Diff
Entries 241632
Tac

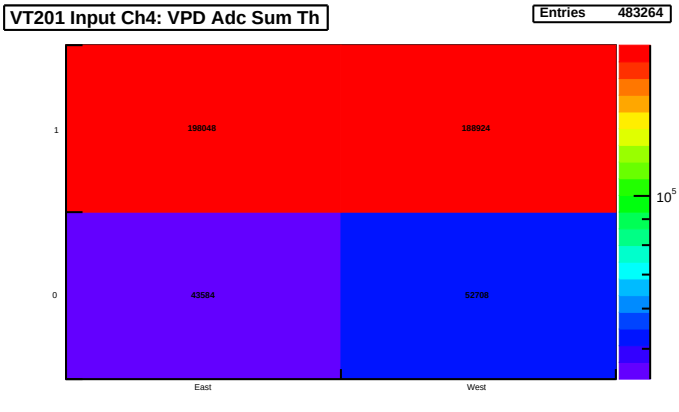

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

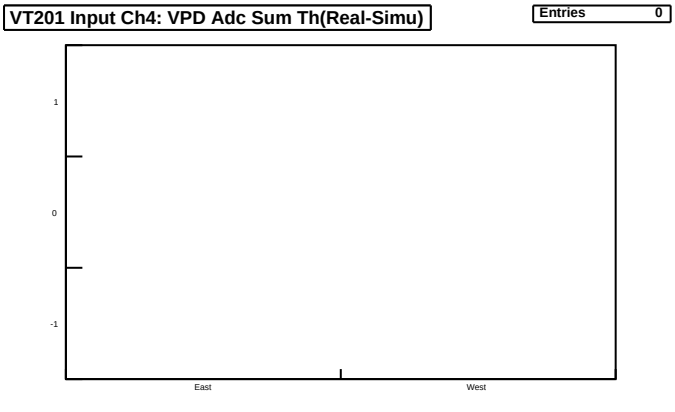

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1933056
12755
2960
20
16
9408
3673
59
50
228877
238672
241612
241616
232224
237959
241573
241582
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

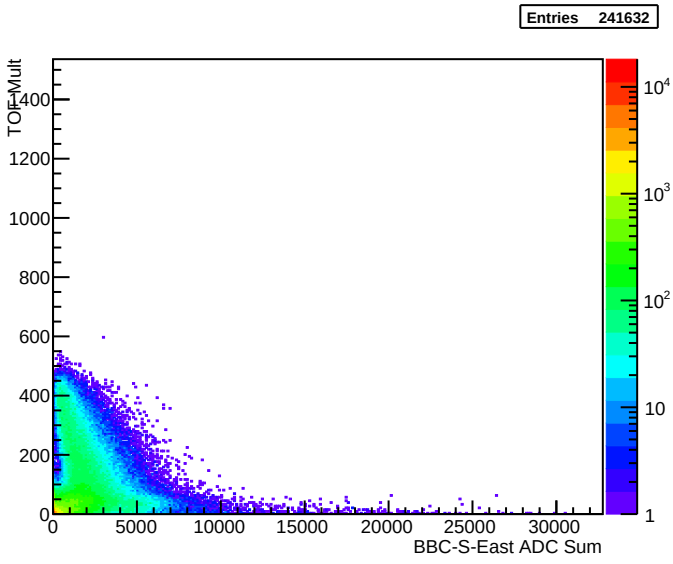

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

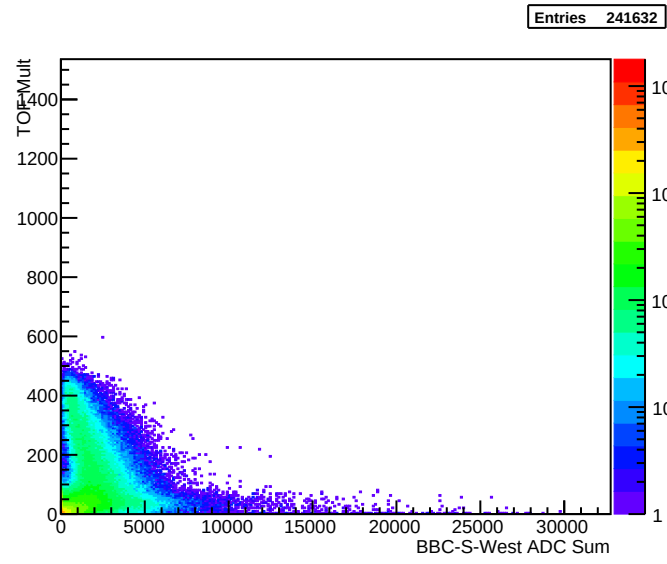

VT201 Input Ch4: VPD Tac Diff
Entries 241632
Tac

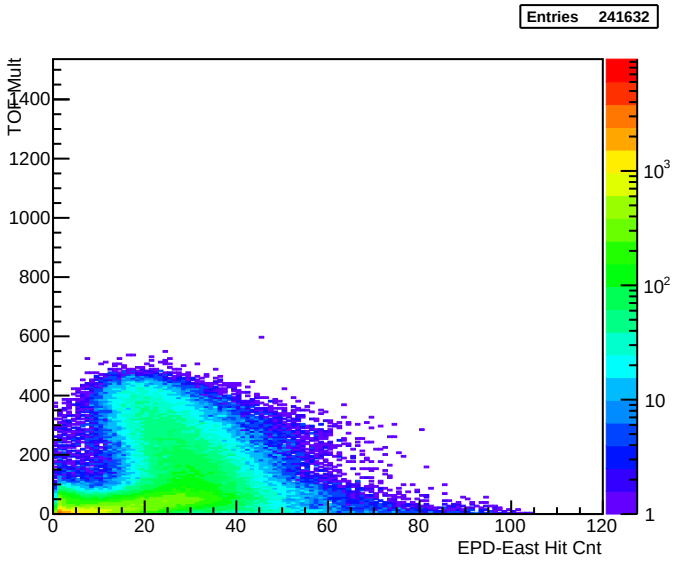

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

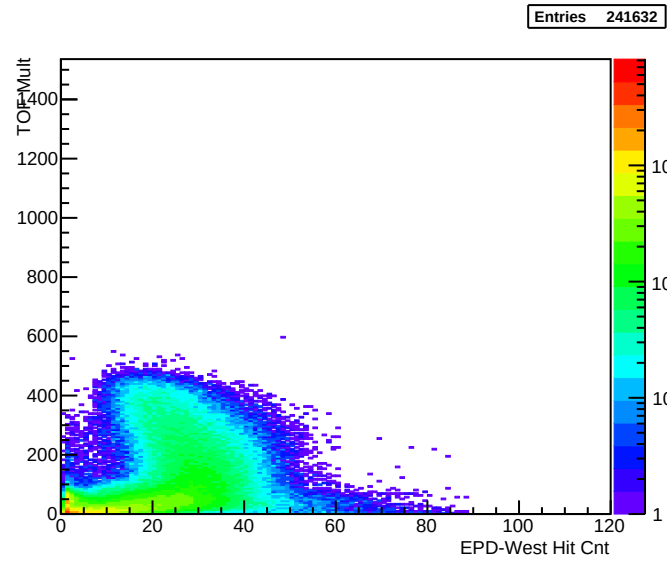

VT201 Input Ch4: VPD Adc Sum Th
Entries 483264
198048
180924
43584
52708
East
West

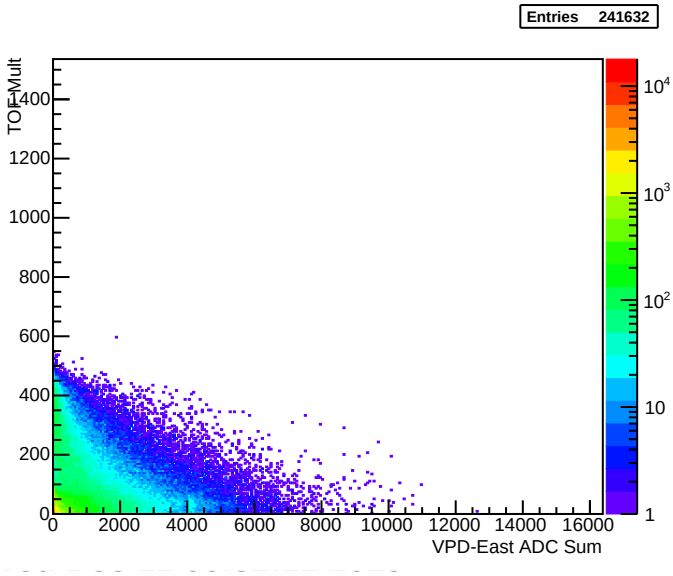

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

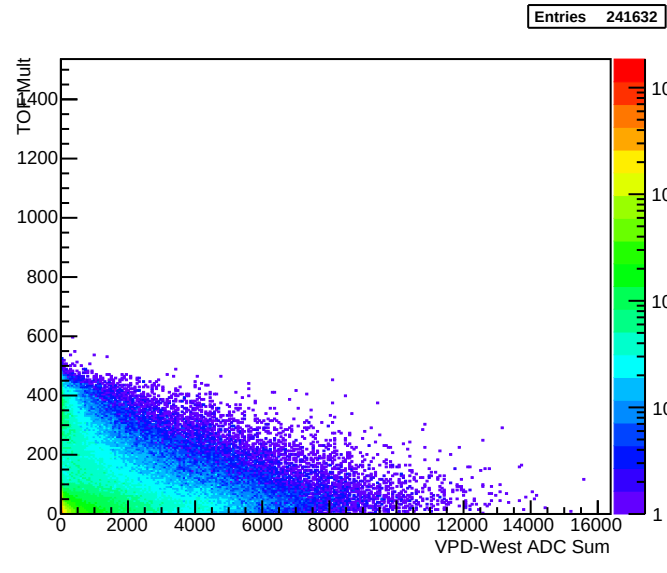

Entries 241632
TOF-Mult
BBC-S-East ADC Sum

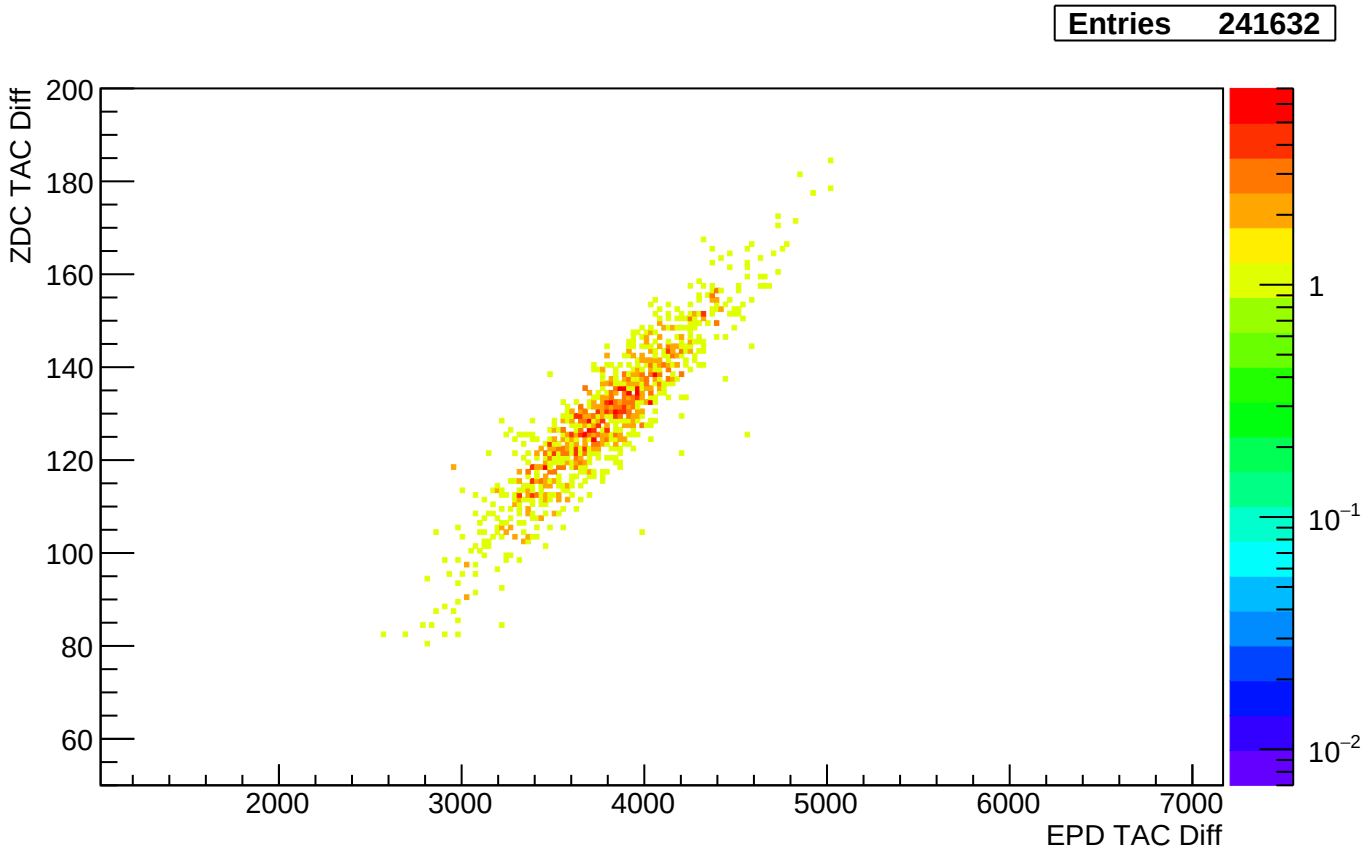

Entries 241632
TOF-Mult
BBC-S-West ADC Sum

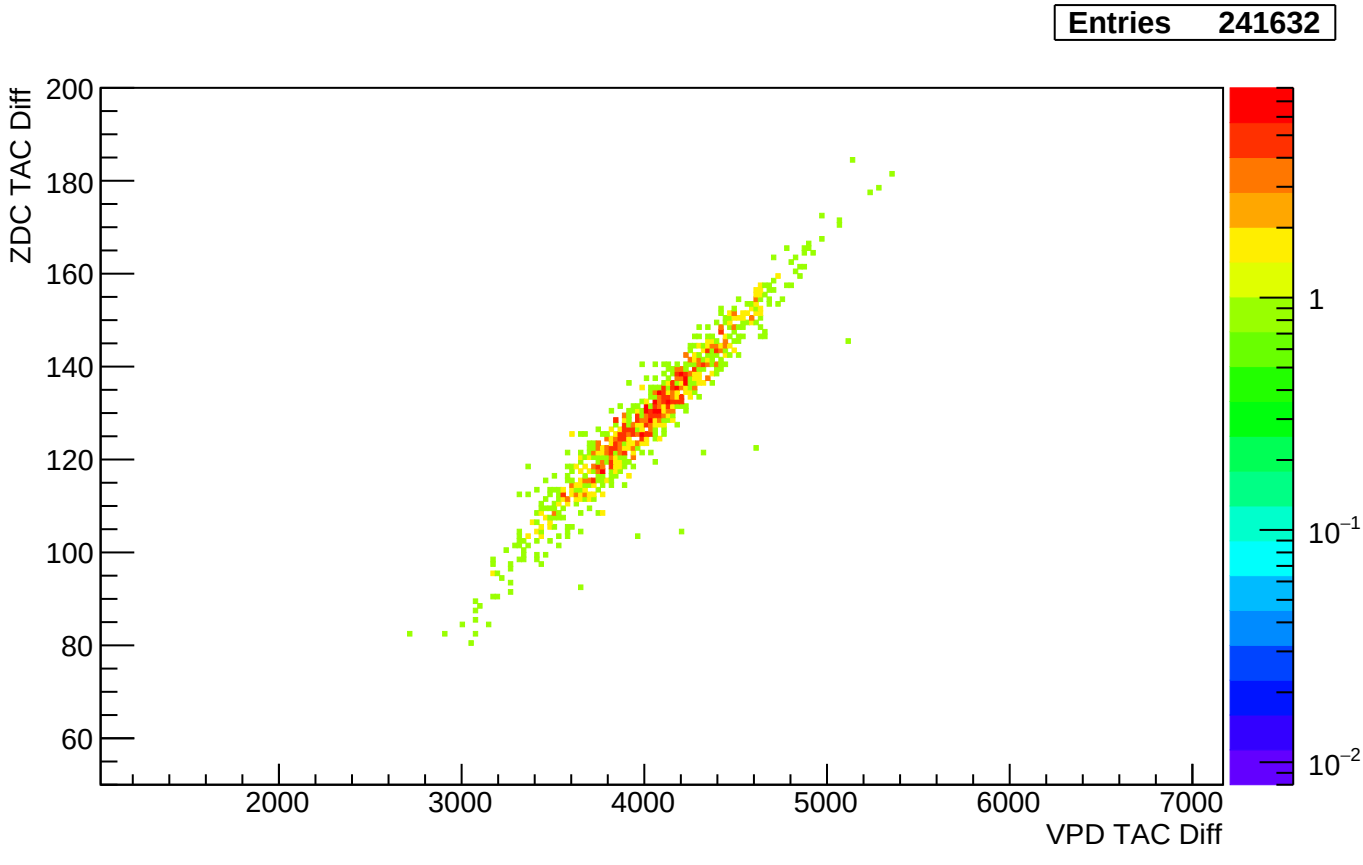

Entries 241632
TOF-Mult
EPD-East Hit Cnt

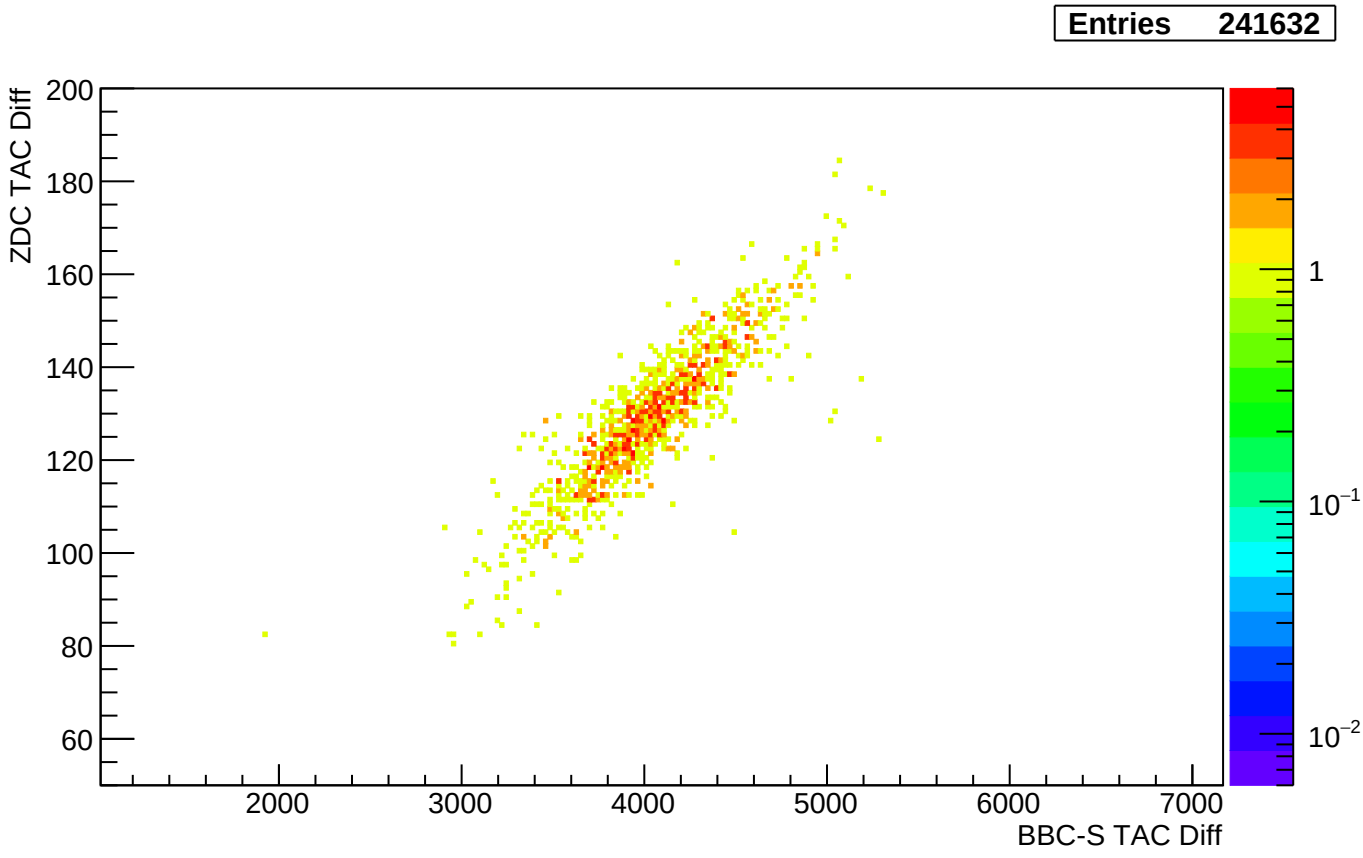

Entries 241632
TOF-Mult
EPD-West Hit Cnt

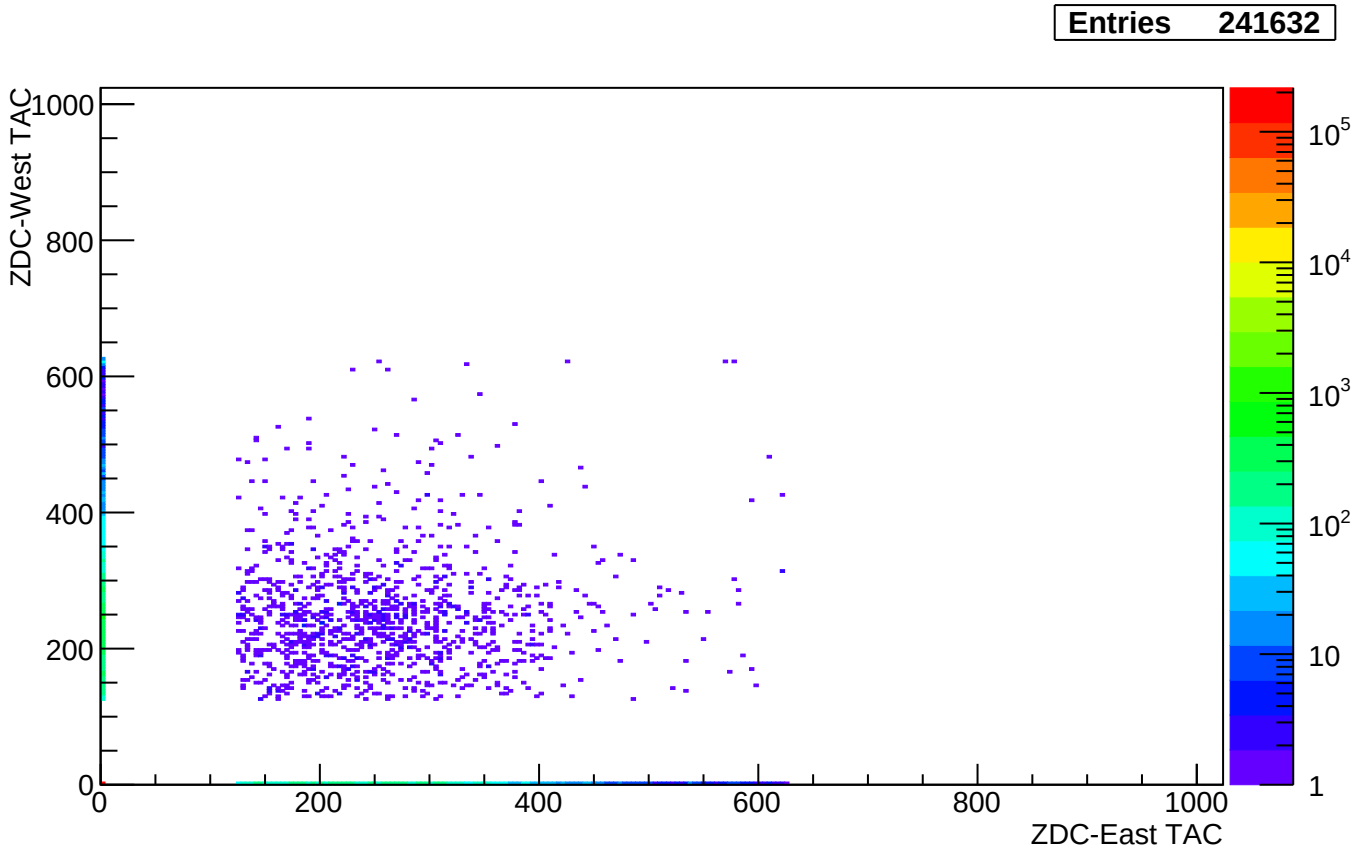

Entries 241632
TOF-Mult
VPD-East ADC Sum

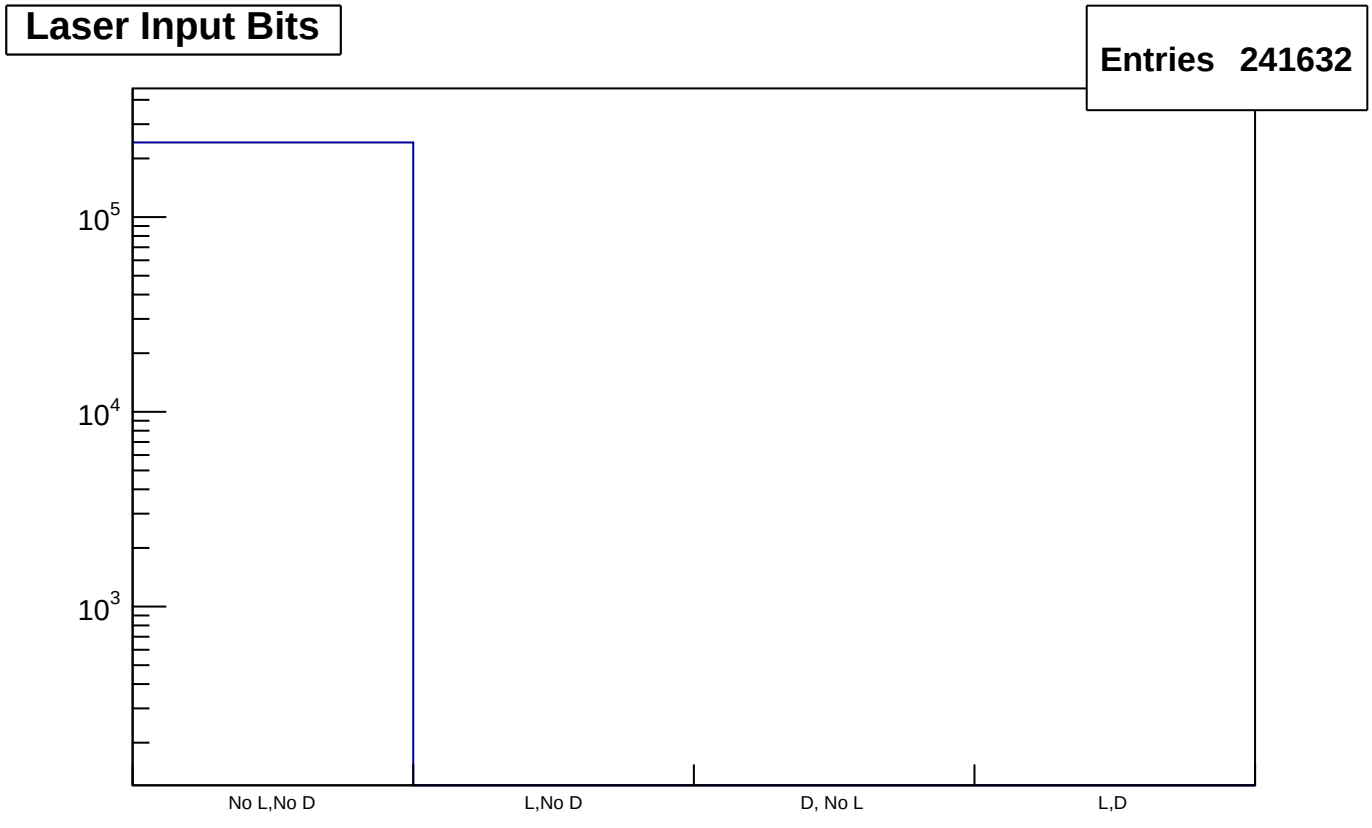

Entries 241632
TOF-Mult
VPD-West ADC Sum

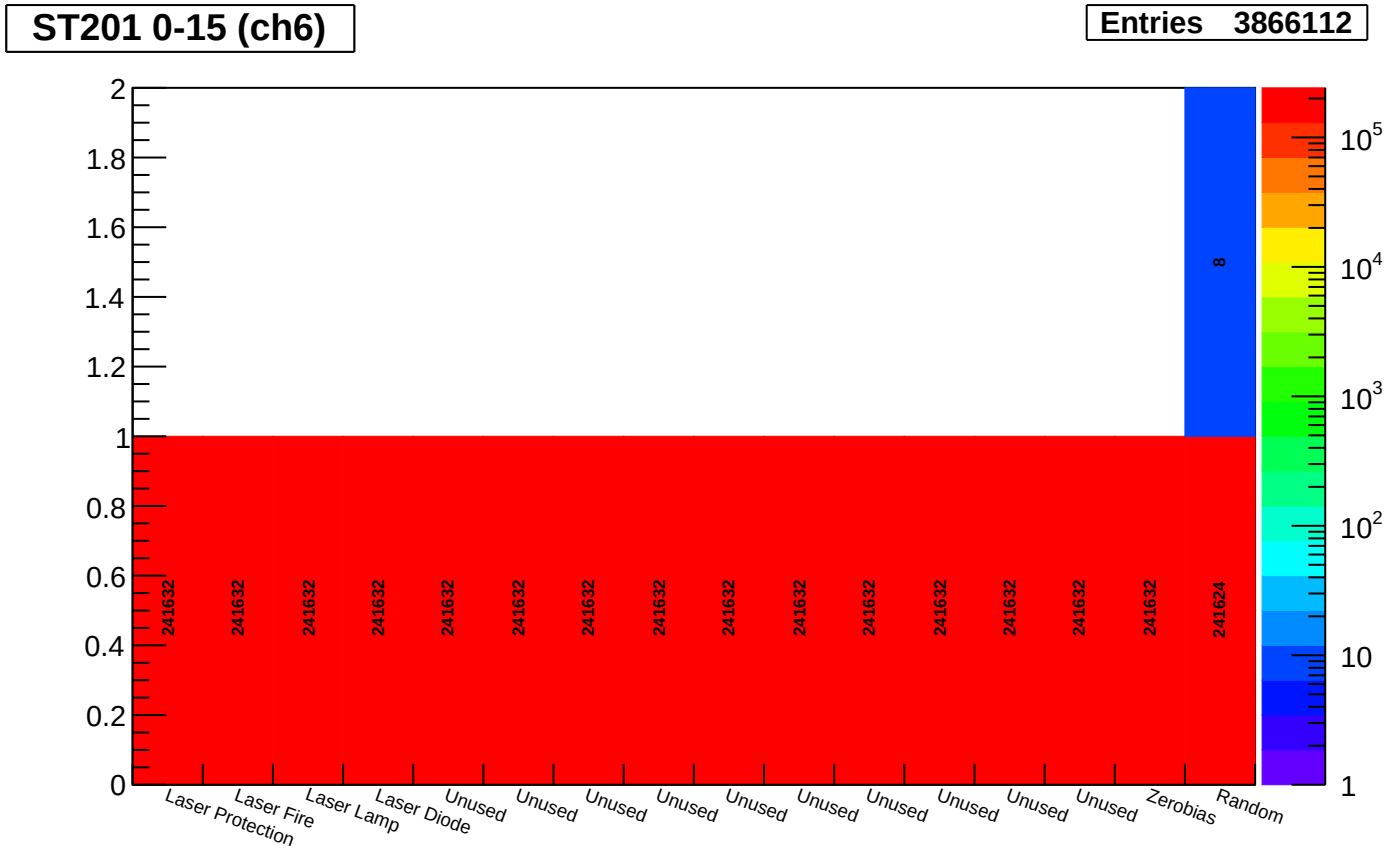

Entries 241632
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 241632
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 241632
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}

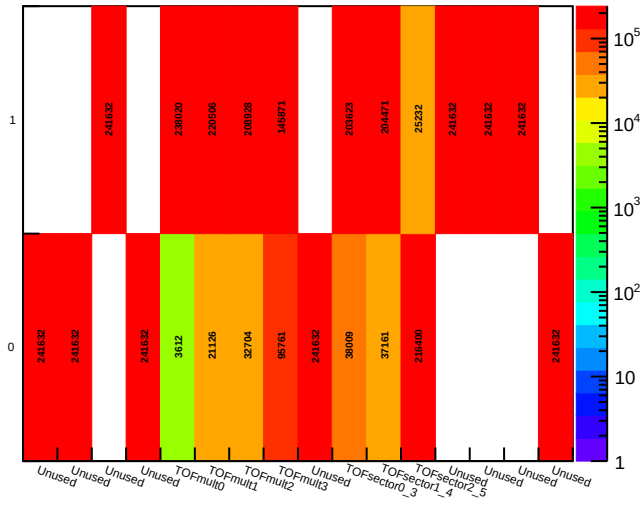

Entries 241632
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 241632
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 3866112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
8
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241632
241624
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

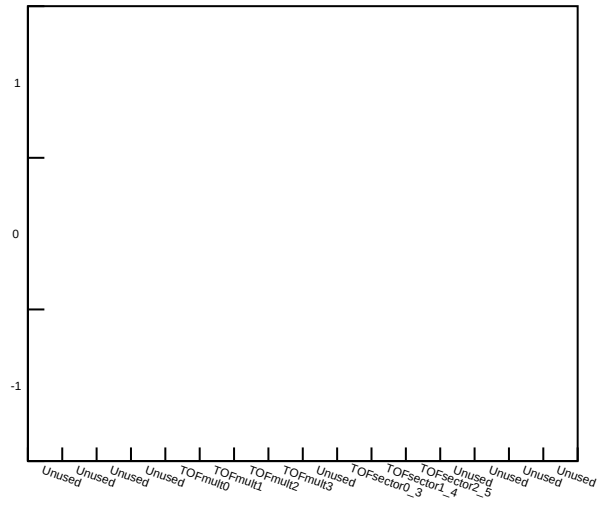
TF201 0-15 (ch0)

Entries 3866112



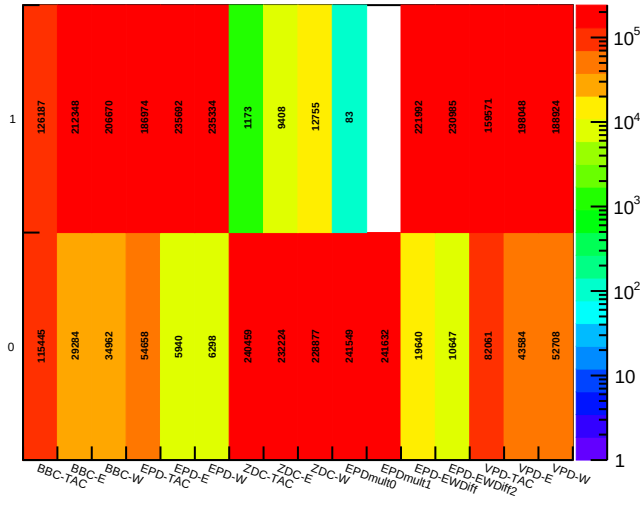
TF201 0-15 (ch0)

Entries 0



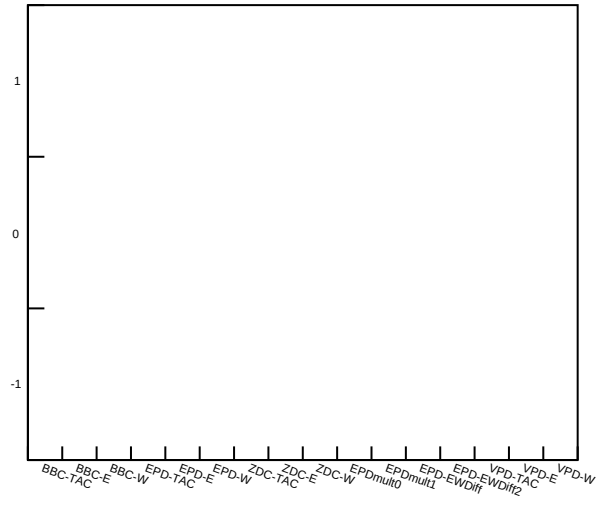
VT201 0-15 (ch1)

Entries 3866112



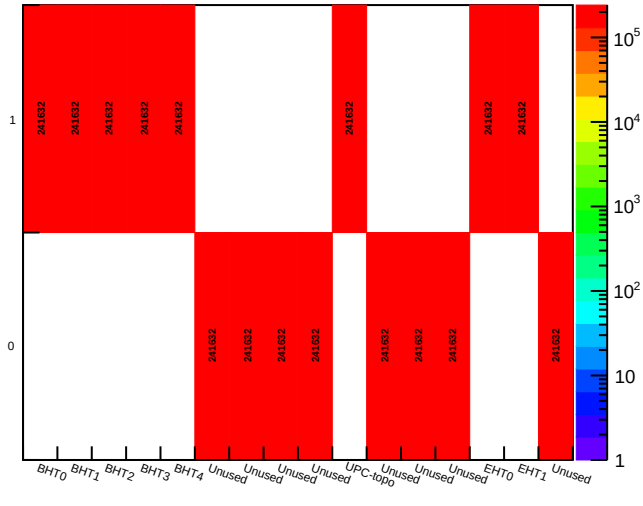
VT201 0-15 (ch1)

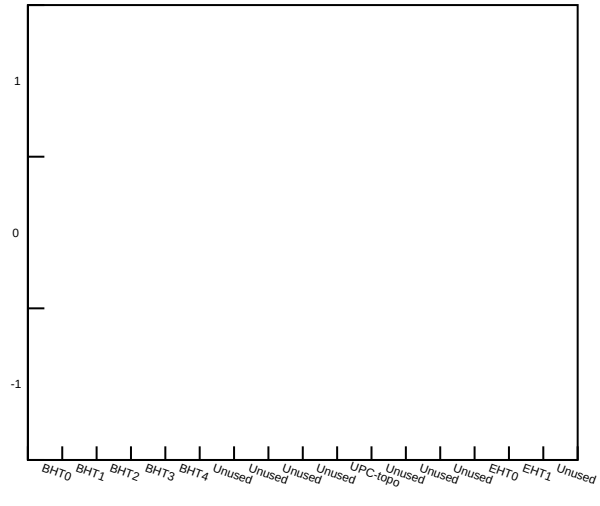
Entries 0



EM201 0-15 (ch3)

Entries 3866112



EM201 0-15 (ch3)

Entries 0