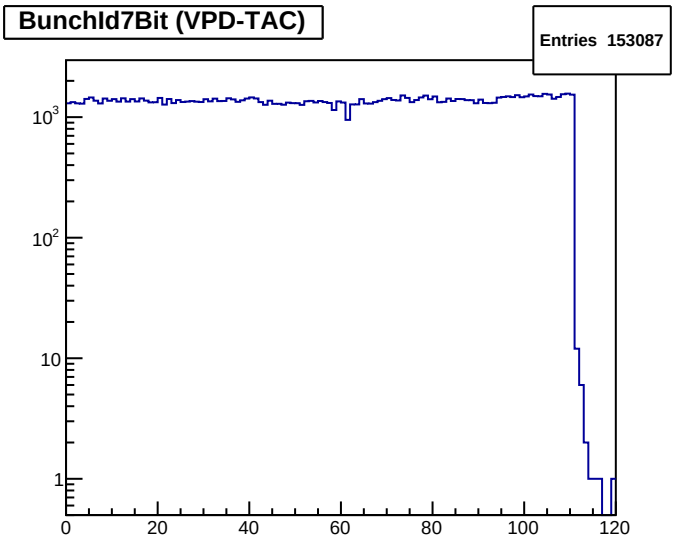
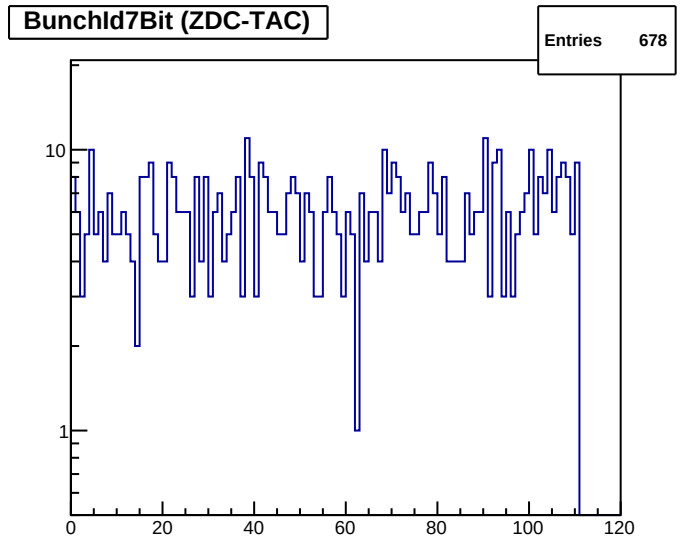
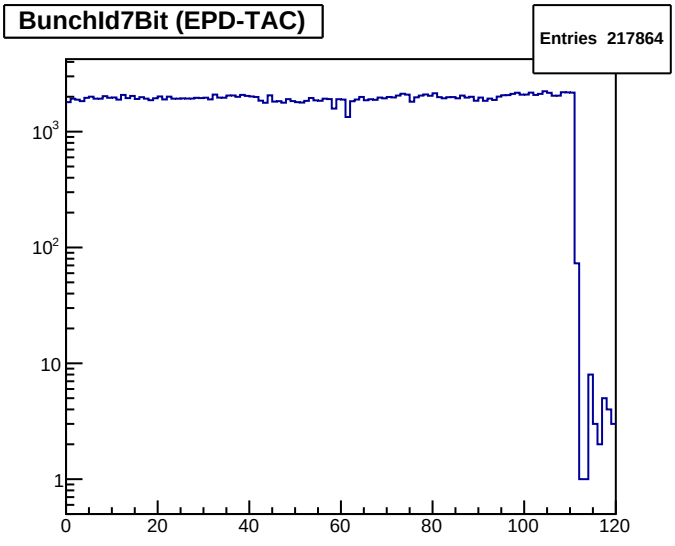
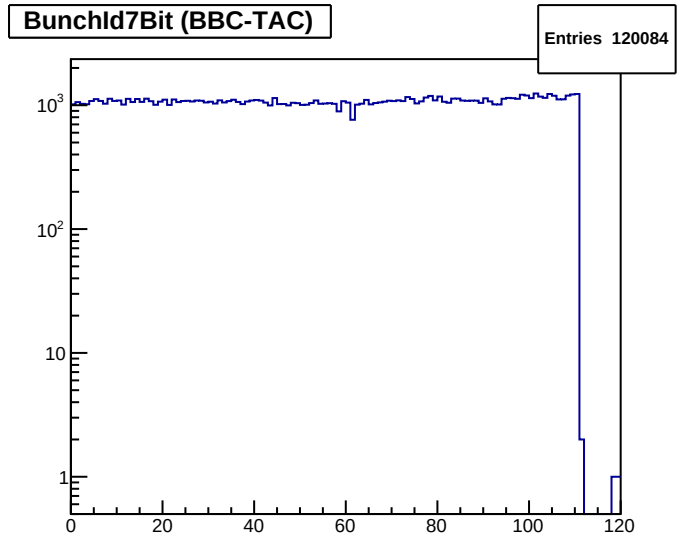
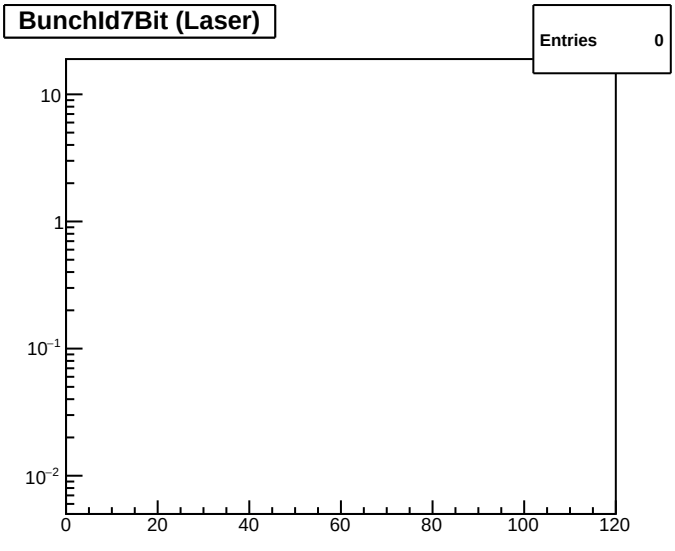
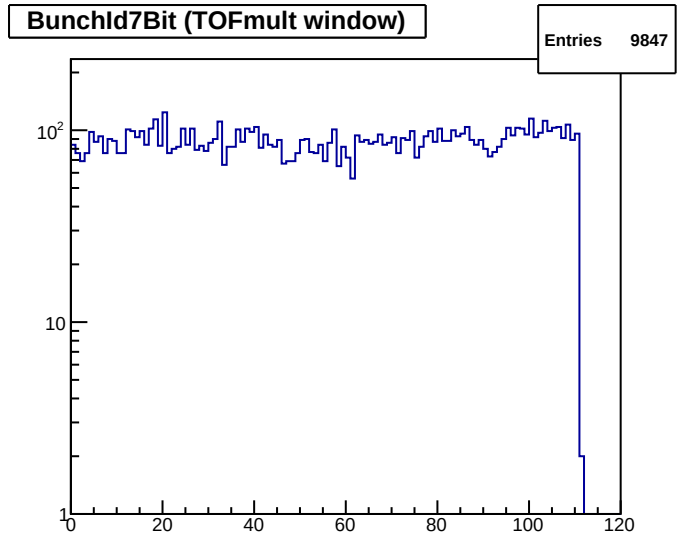

BunchId7Bit (VPD-TAC)
Entries 153087

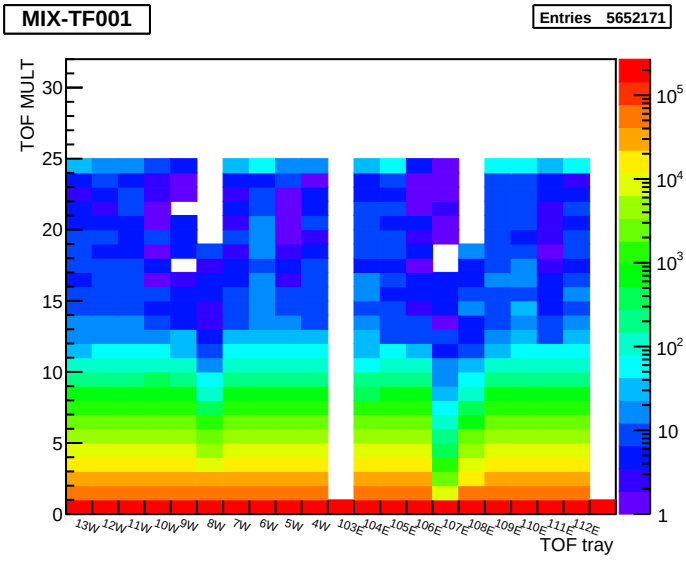

BunchId7Bit (ZDC-TAC)
Entries 678

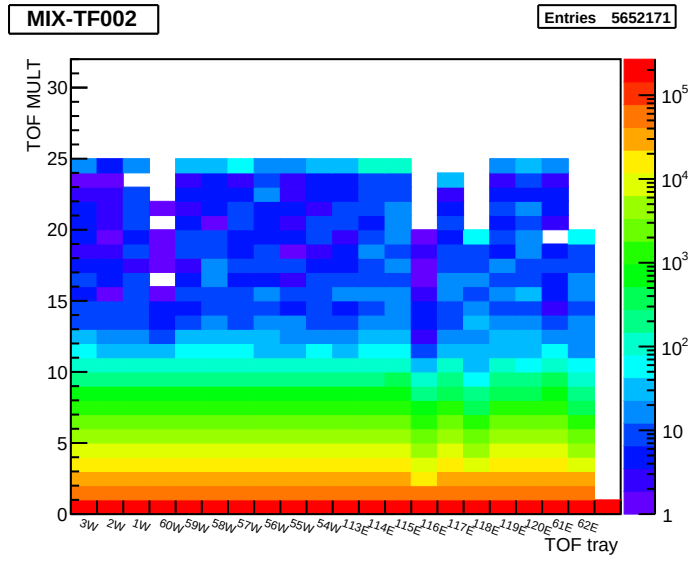

BunchId7Bit (EPD-TAC)
Entries 217864

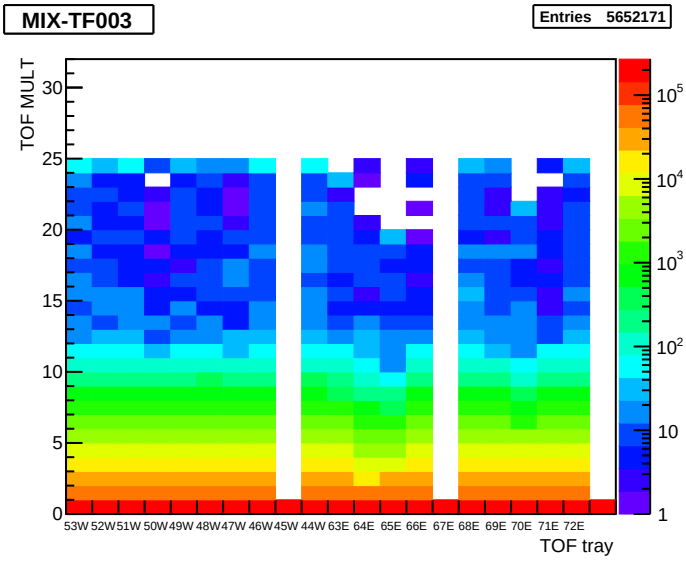

BunchId7Bit (BBC-TAC)
Entries 120084

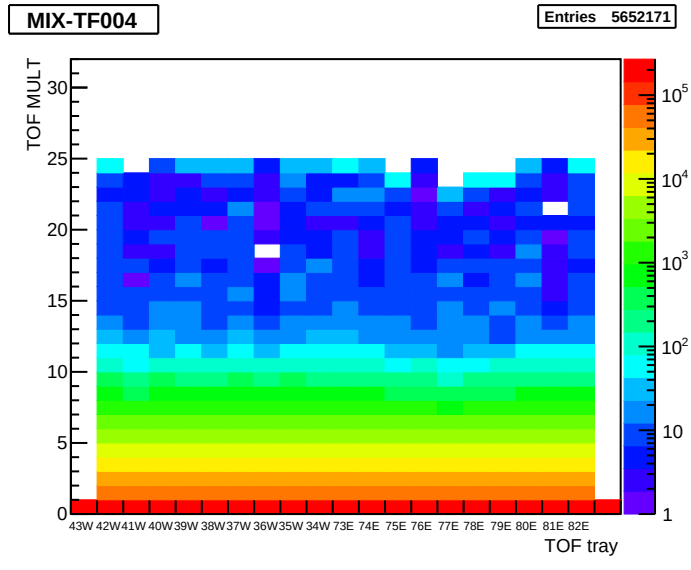

BunchId7Bit (Laser)
Entries 0

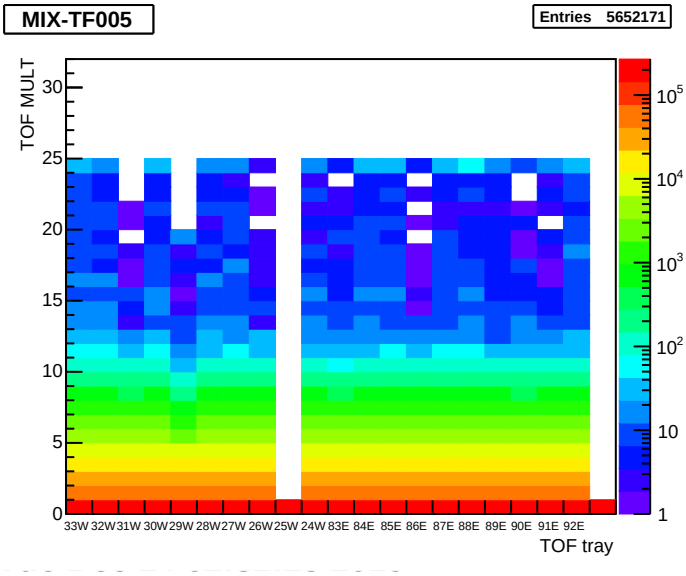

BunchId7Bit (TOFmult window)
Entries 9847

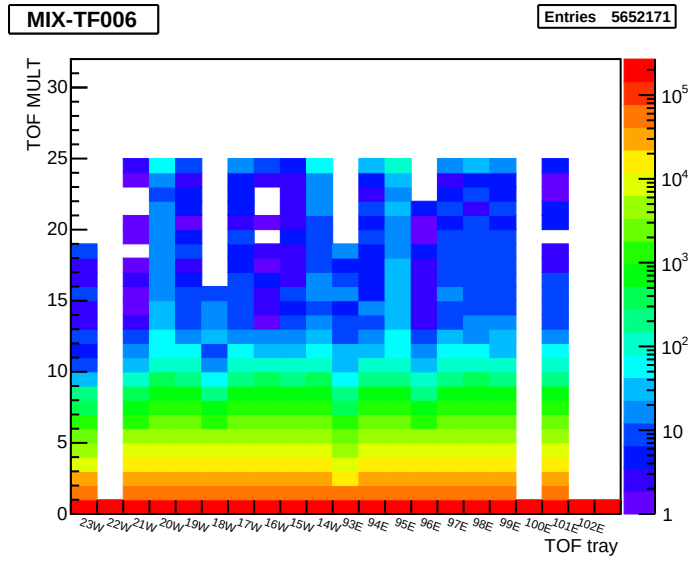

MIX-TF001
Entries 5652171
TOF MULT
TOF tray

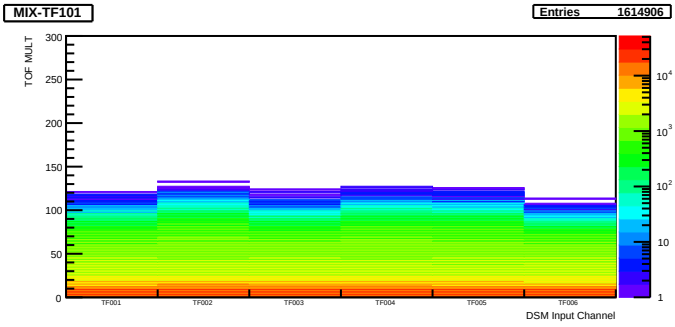

MIX-TF002
Entries 5652171
TOF MULT
TOF tray

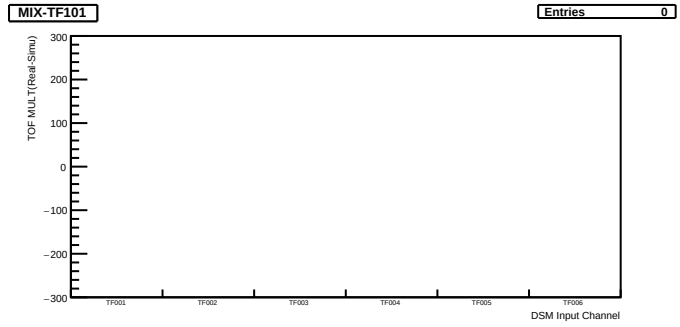

MIX-TF003
Entries 5652171
TOF MULT
TOF tray

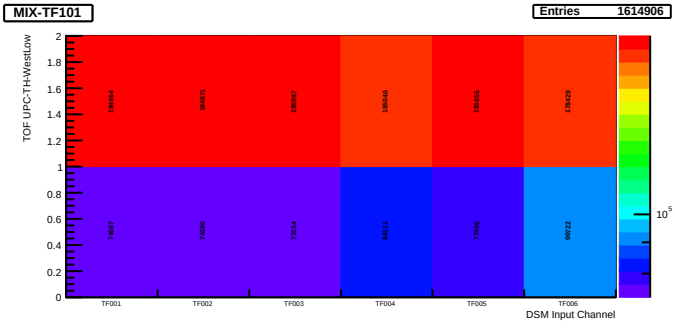

MIX-TF004
Entries 5652171
TOF MULT
TOF tray

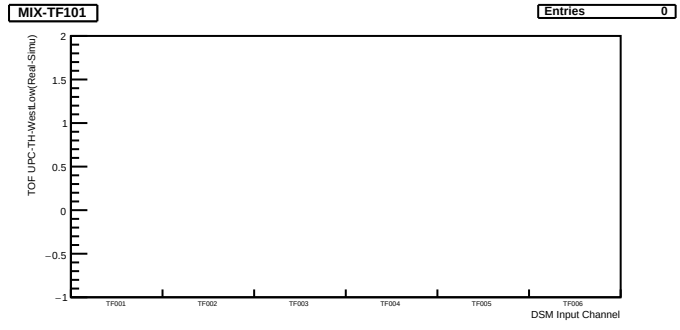

MIX-TF005
Entries 5652171
TOF MULT
TOF tray

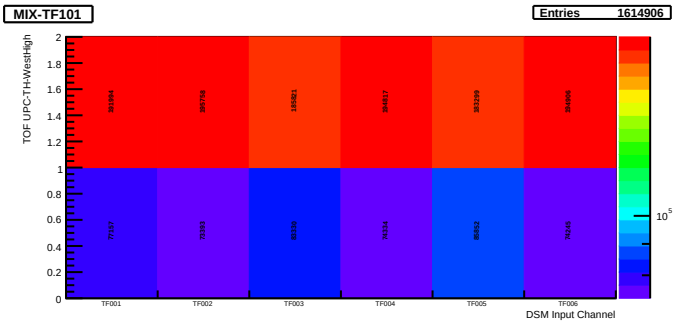

MIX-TF006
Entries 5652171
TOF MULT
TOF tray

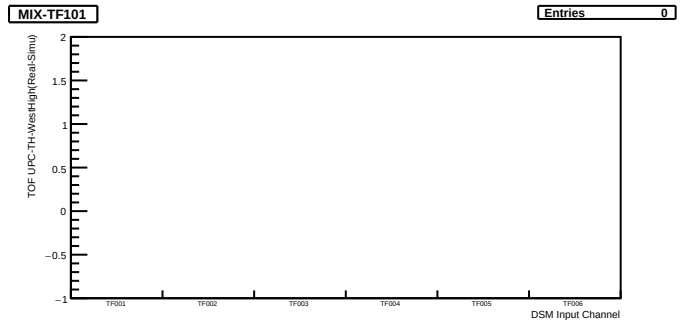

MIX-TF101
Entries 1614906
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

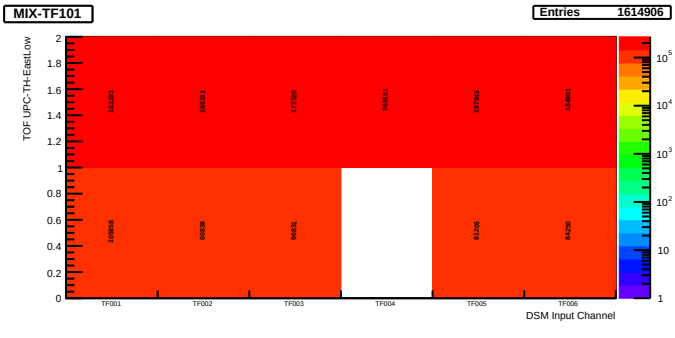

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

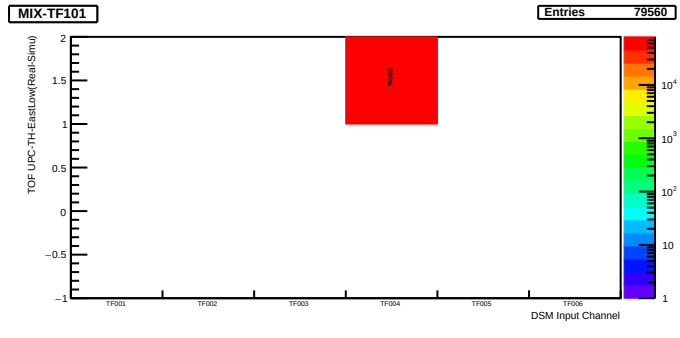

MIX-TF101
Entries 1614906
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

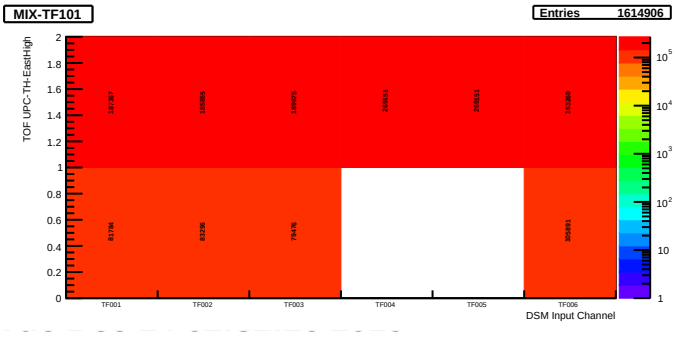

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

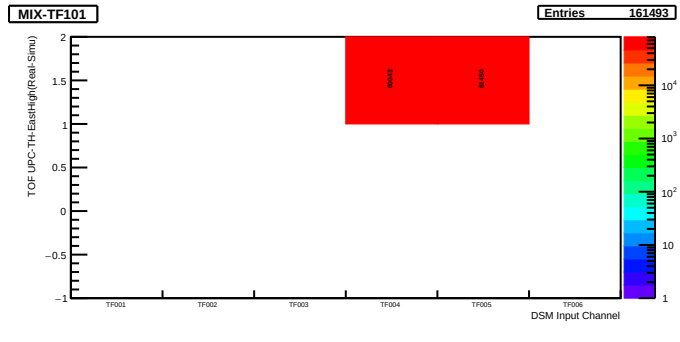

MIX-TF101
Entries 1614906
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

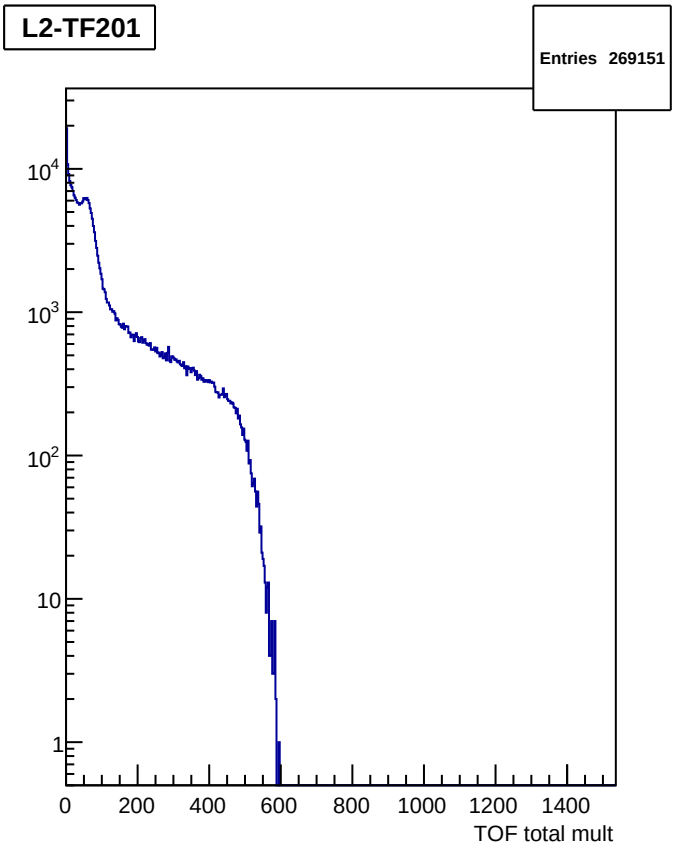

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

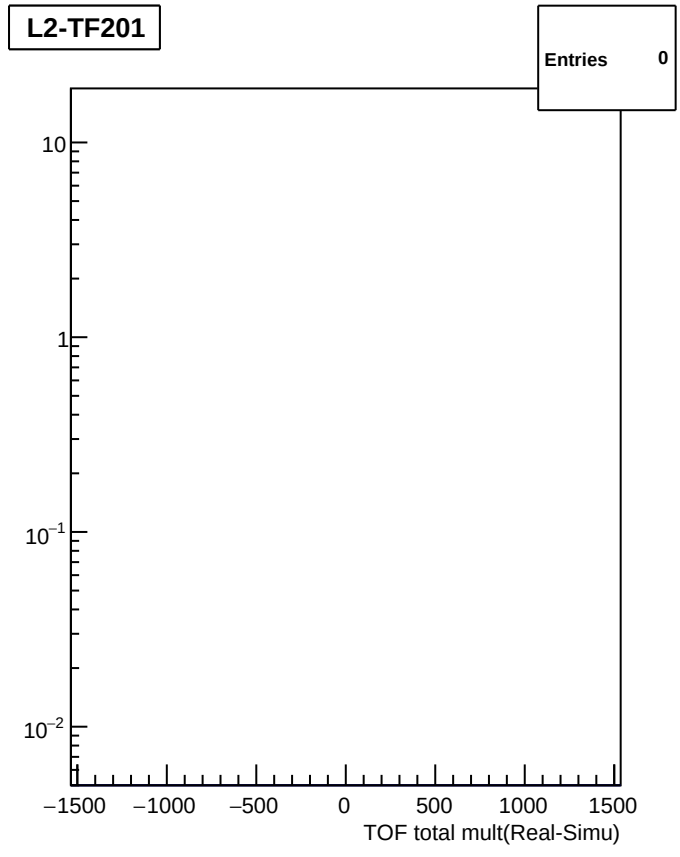

MIX-TF101
Entries 1614906
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

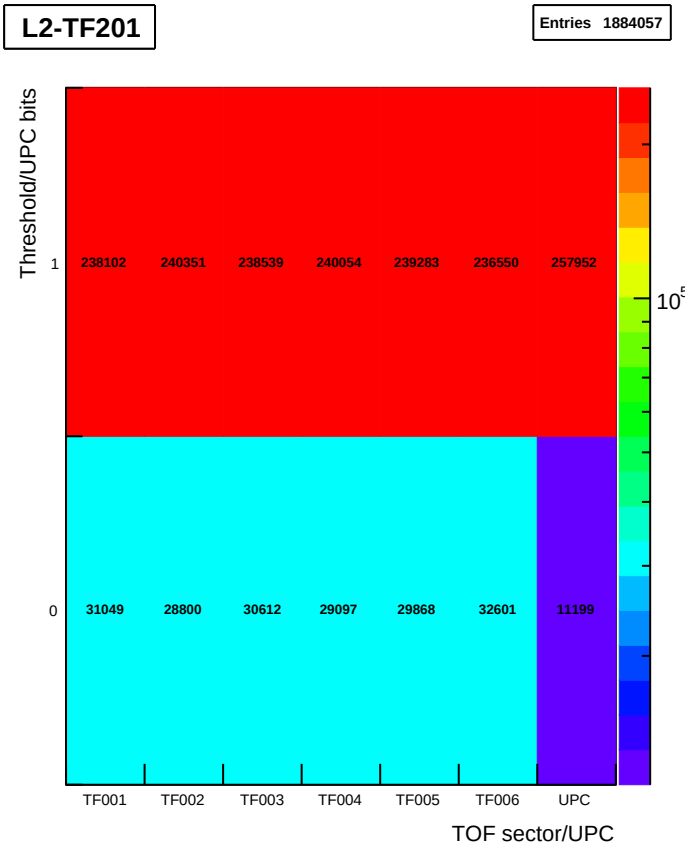

MIX-TF101
Entries 79560
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

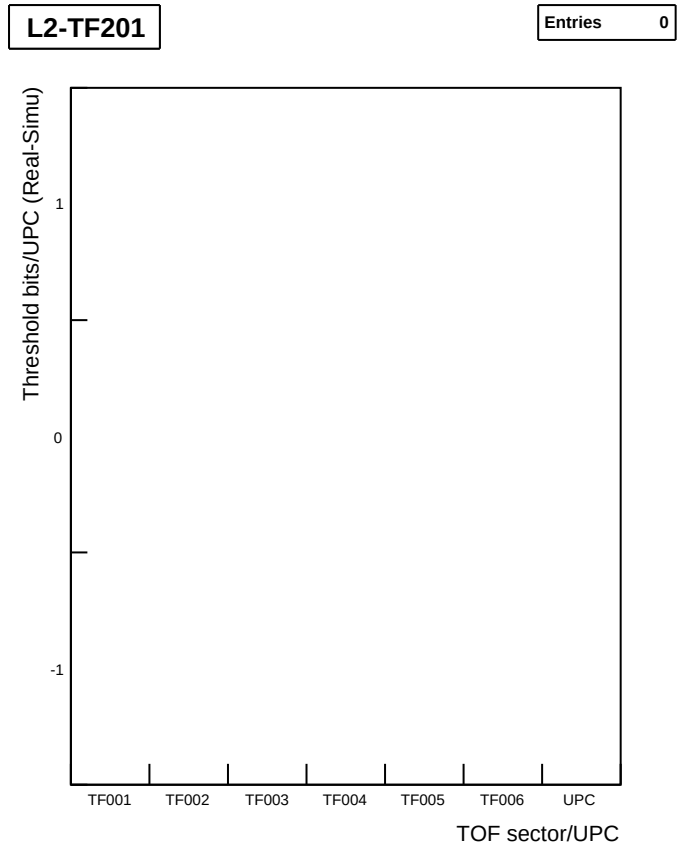

MIX-TF101
Entries 1614906
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

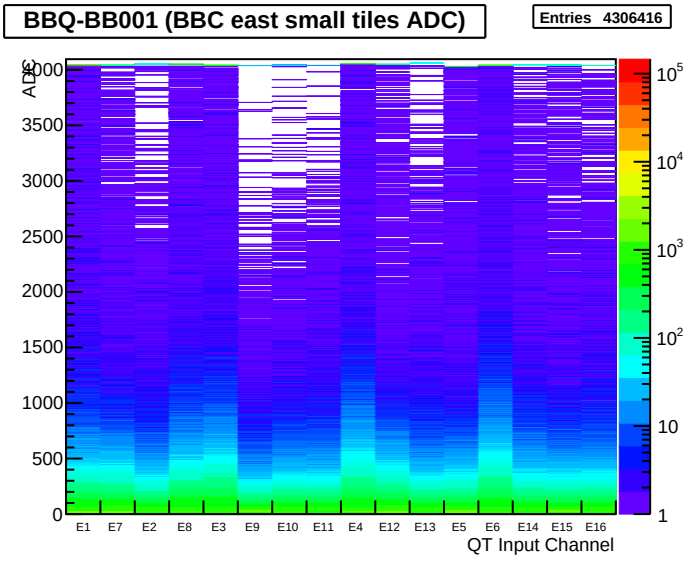

MIX-TF101
Entries 161493
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

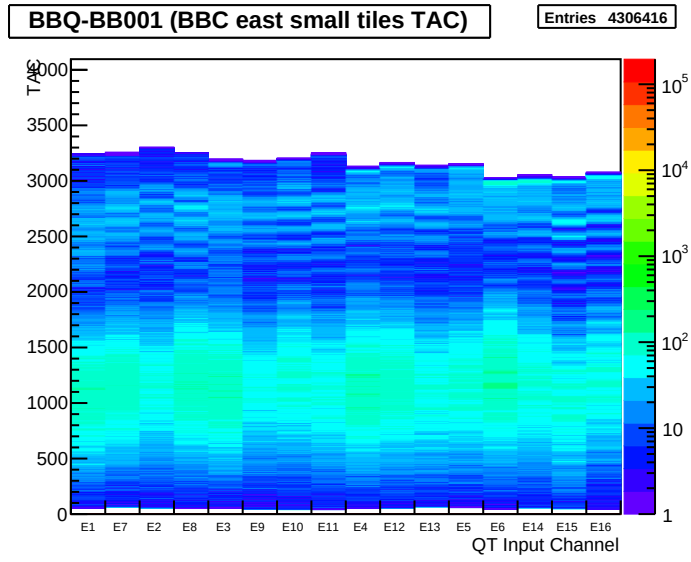

L2-TF201
Entries 269151
TOF total mult

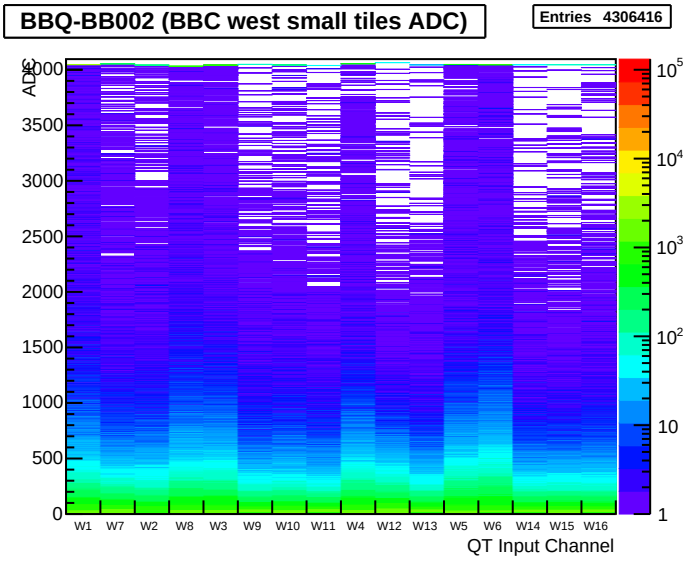

L2-TF201
Entries 0
TOF total mult(Real-Simu)

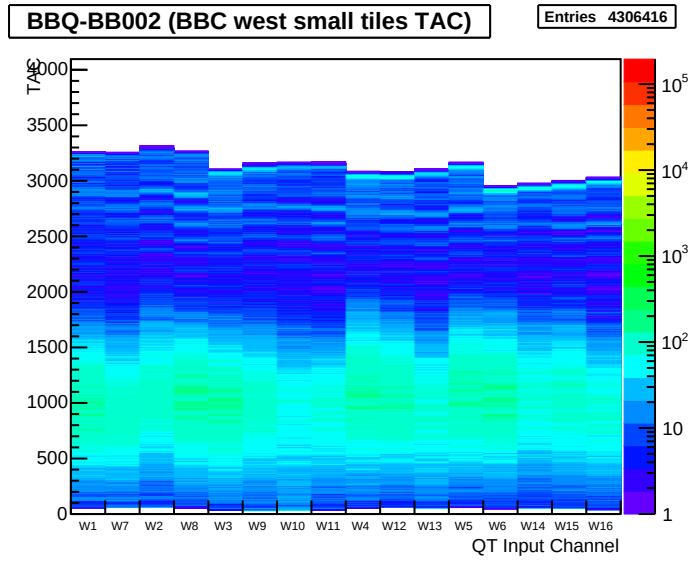

L2-TF201
Entries 1884057
Threshold/UPC bits
238102
240351
238539
240054
239283
236550
257952
31049
28800
30612
29097
29868
32601
11199
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

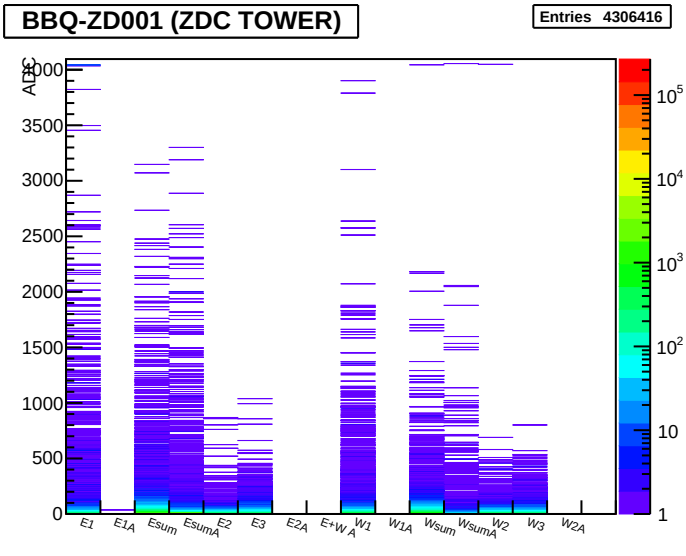

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

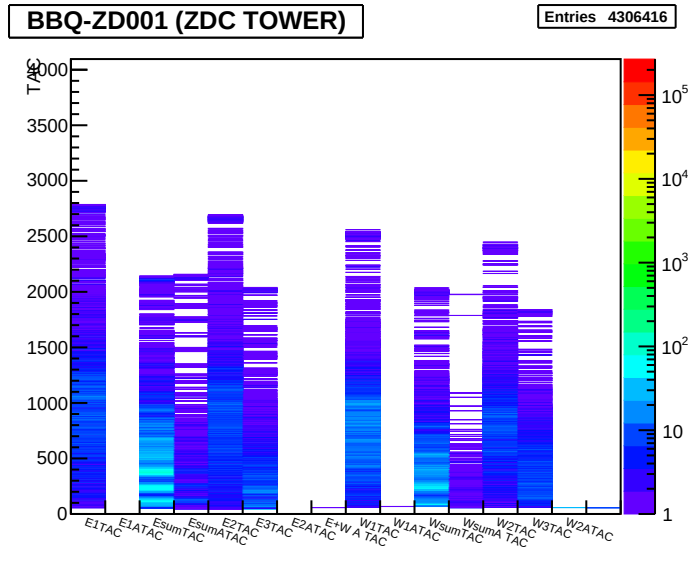

BBQ-BB001 (BBC east small tiles ADC)
Entries 4306416
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

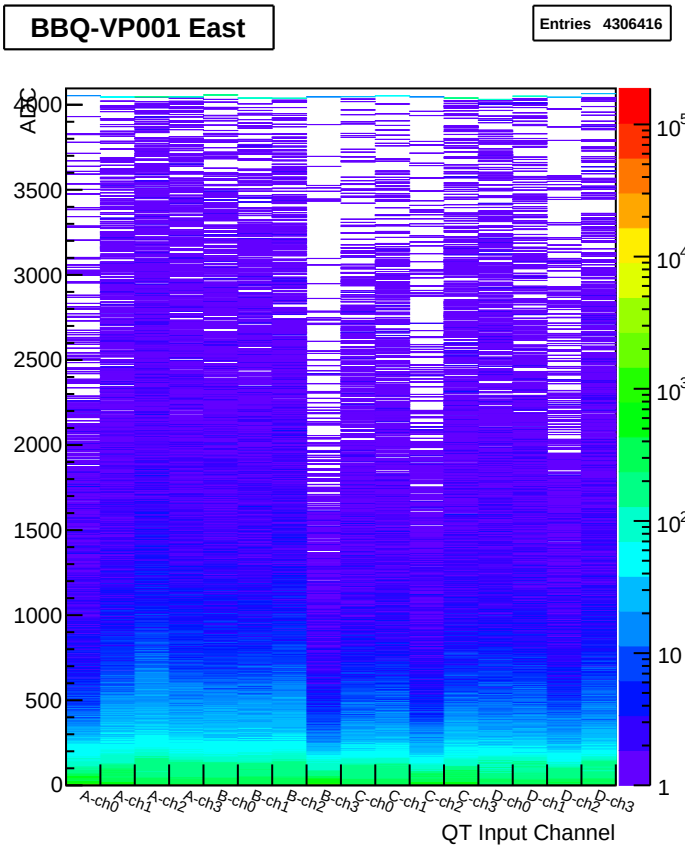

BBQ-BB001 (BBC east small tiles TAC)
Entries 4306416
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

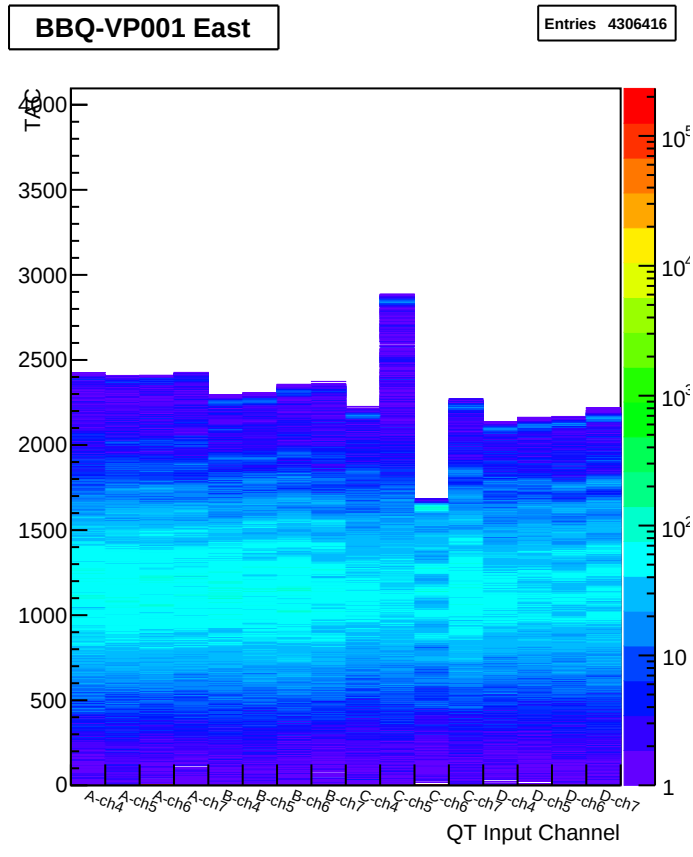

BBQ-BB002 (BBC west small tiles ADC)
Entries 4306416
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

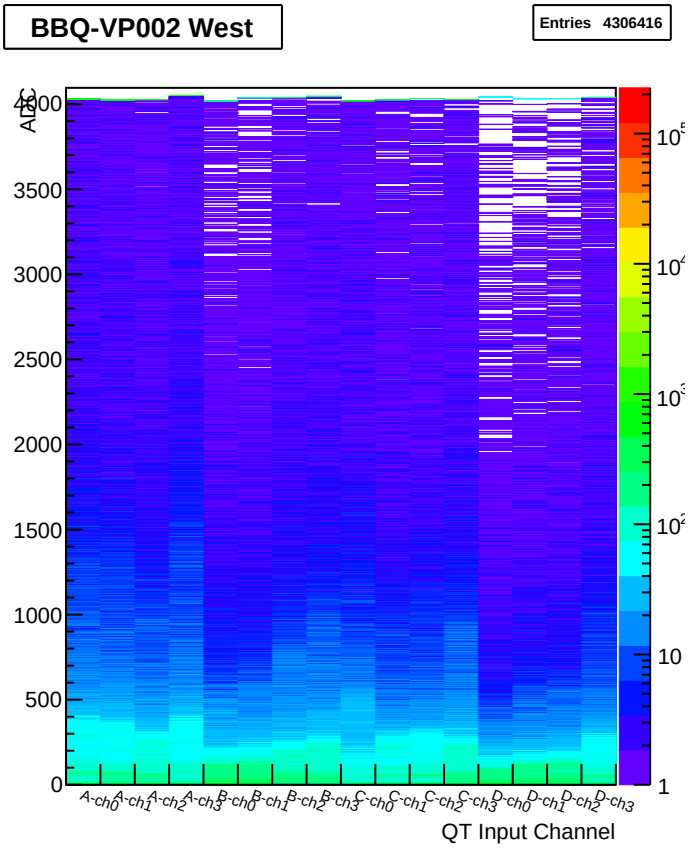

BBQ-BB002 (BBC west small tiles TAC)
Entries 4306416
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

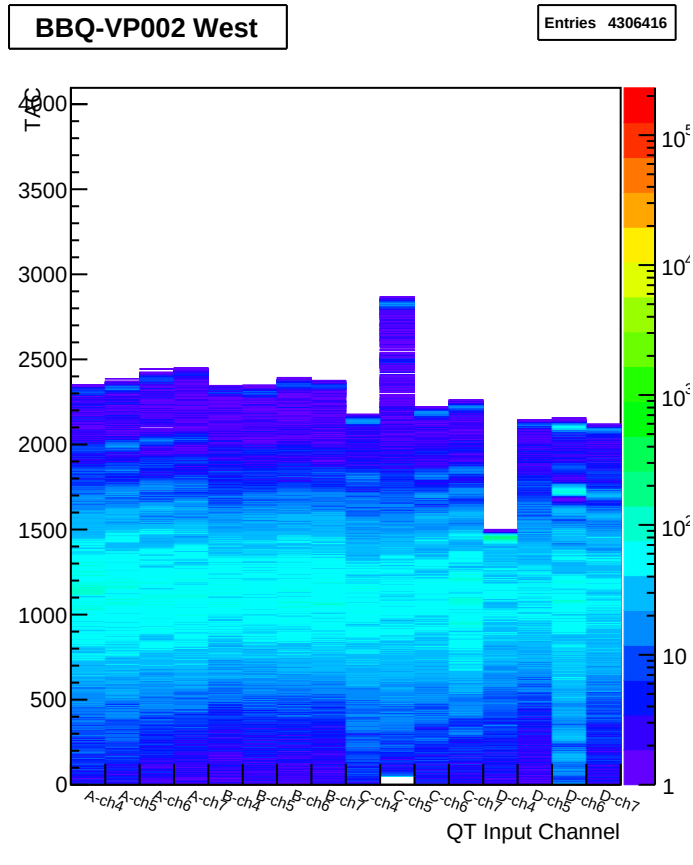

BBQ-ZD001 (ZDC TOWER)
Entries 4306416
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

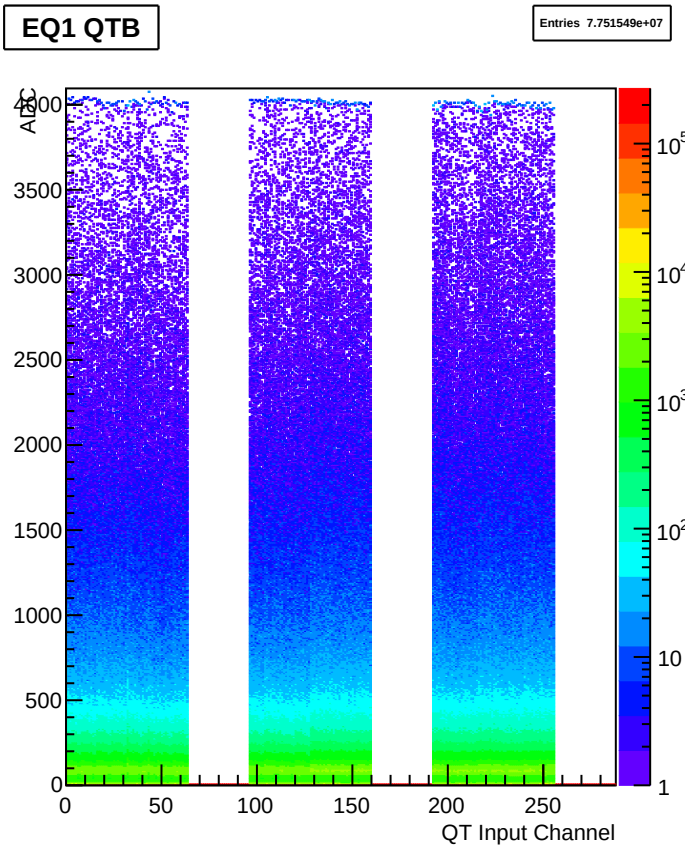

BBQ-ZD001 (ZDC TOWER)
Entries 4306416
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

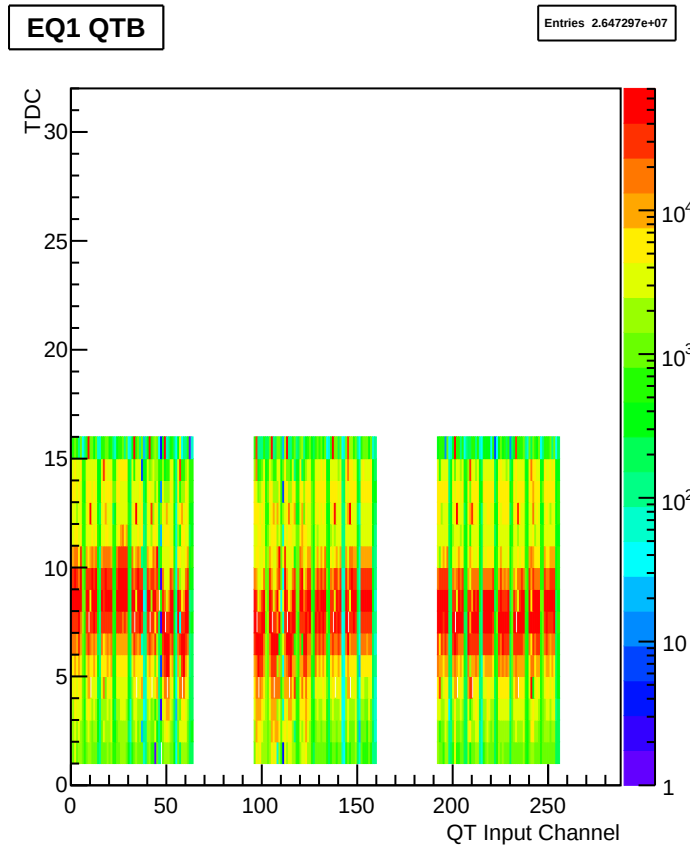

BBQ-VP001 East
Entries 4306416
ADC
QT Input Channel

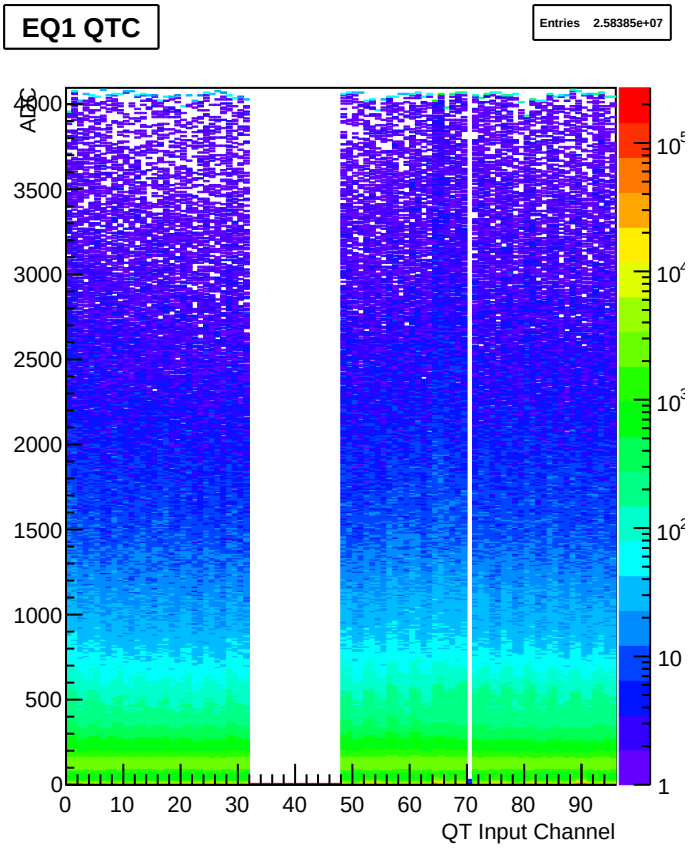

BBQ-VP001 East
Entries 4306416
TADC
QT Input Channel

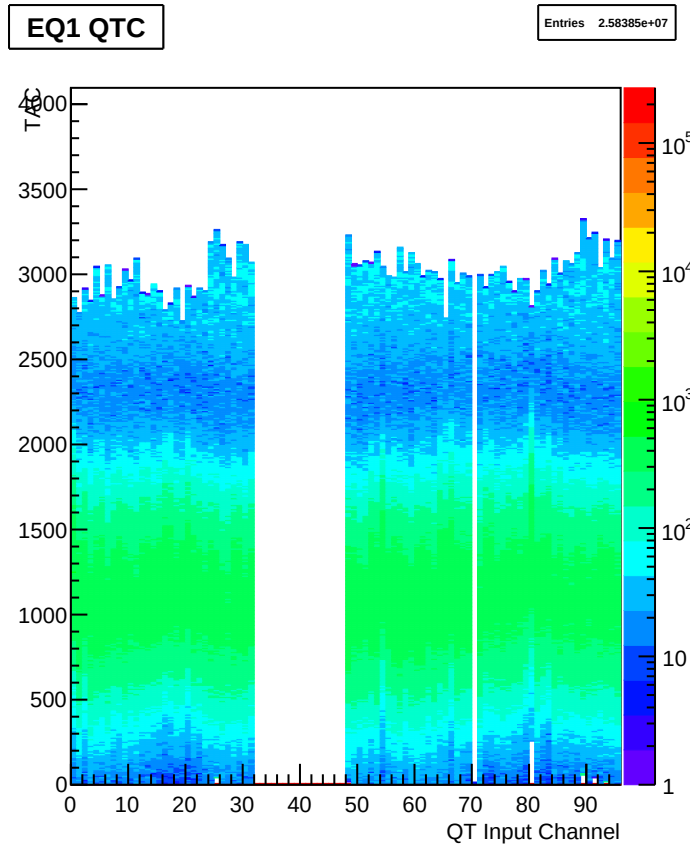

BBQ-VP002 West
Entries 4306416
ADC
QT Input Channel

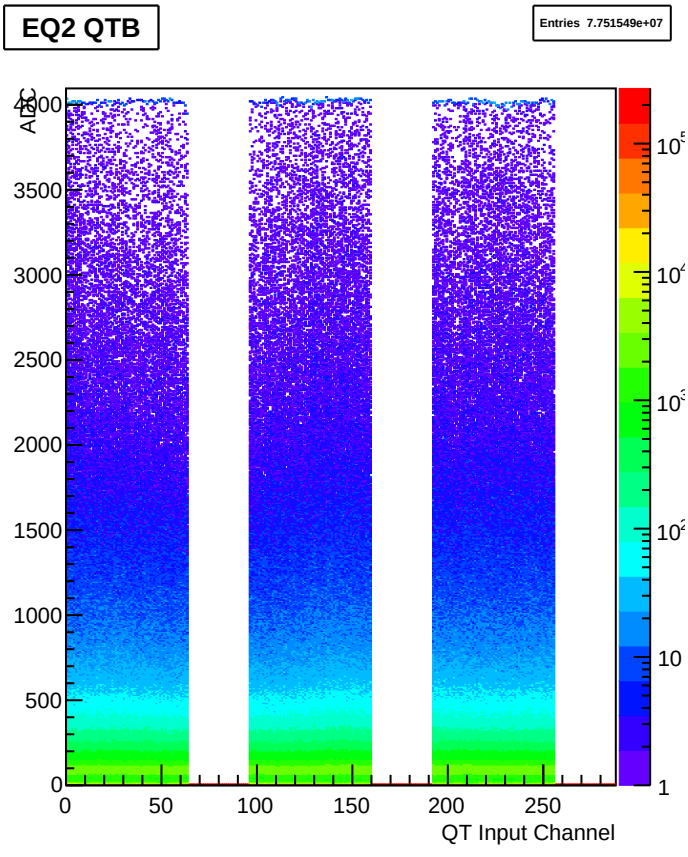

BBQ-VP002 West
Entries 4306416
TADC
QT Input Channel

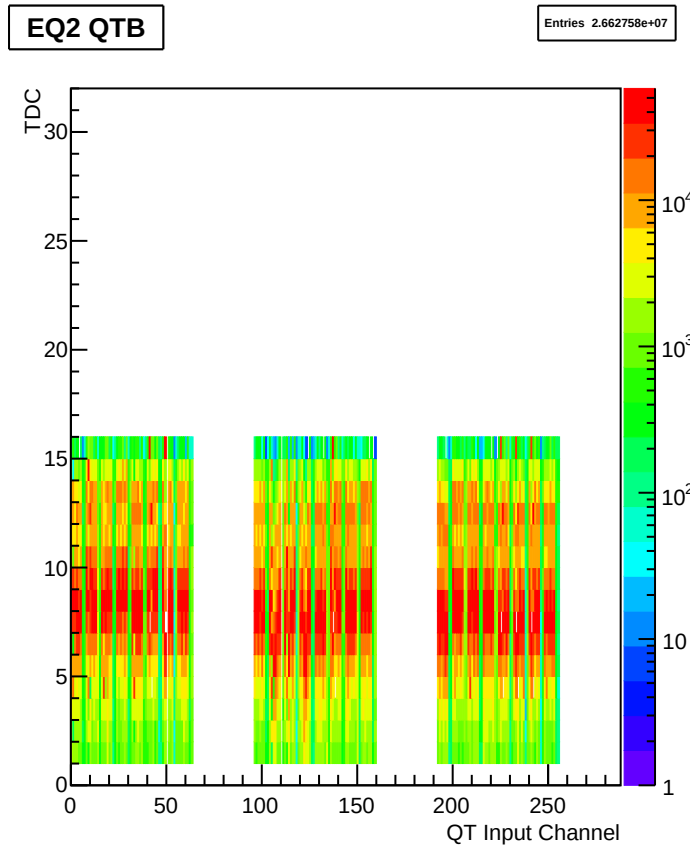

EQ1 QTB
Entries 7.751549e+07
ADC
QT Input Channel

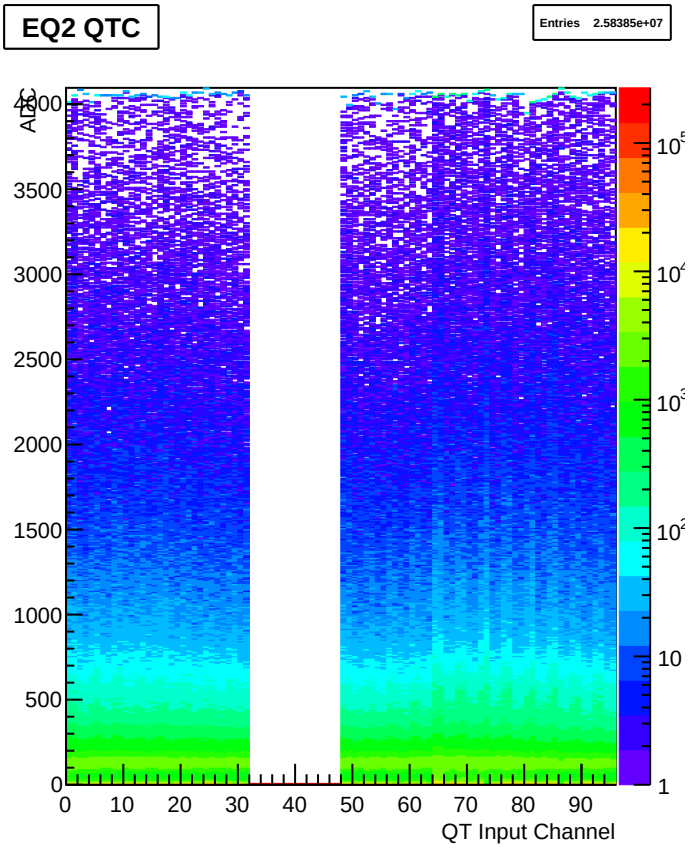

EQ1 QTB
Entries 2.647297e+07
TDC
QT Input Channel

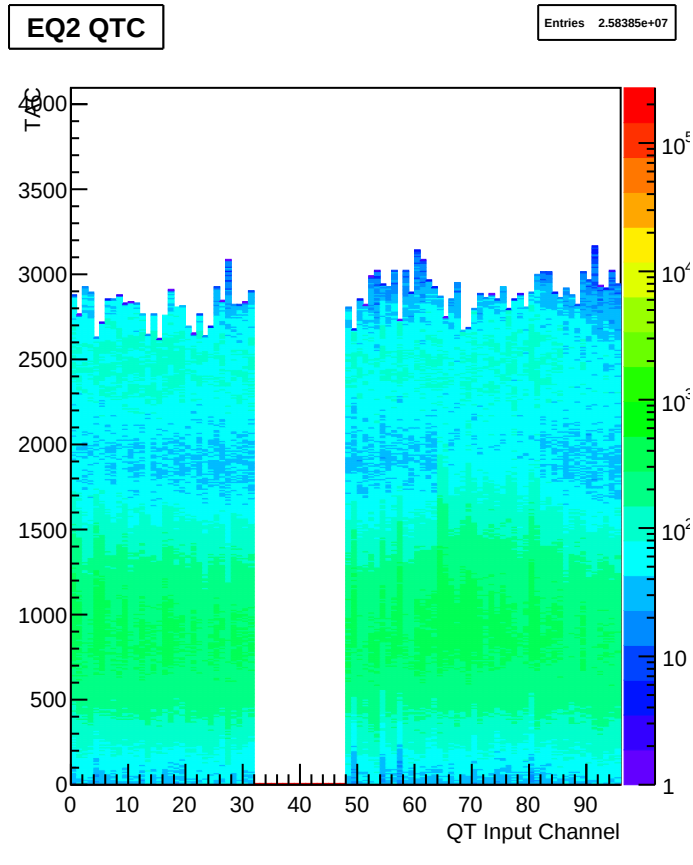

EQ1 QTC
Entries 2.58385e+07
ADC
QT Input Channel

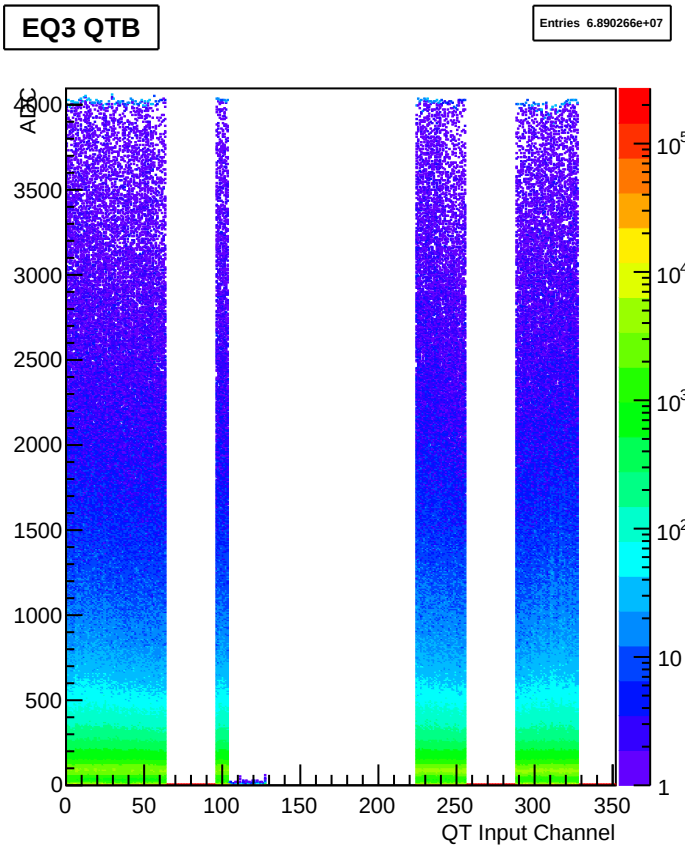

EQ1 QTC
Entries 2.58385e+07
TADC
QT Input Channel

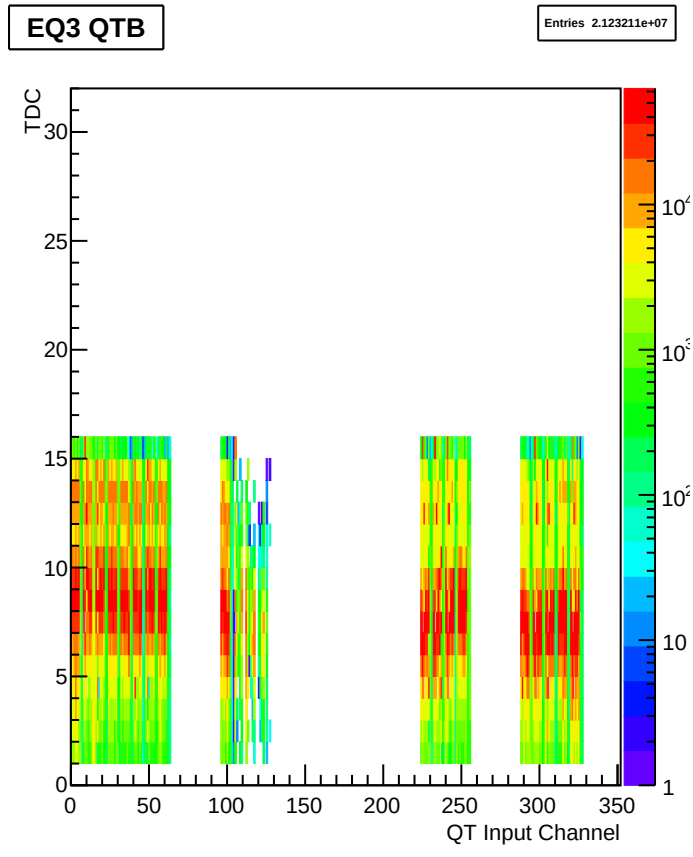

EQ2 QTB
Entries 7.751549e+07
ADC
QT Input Channel

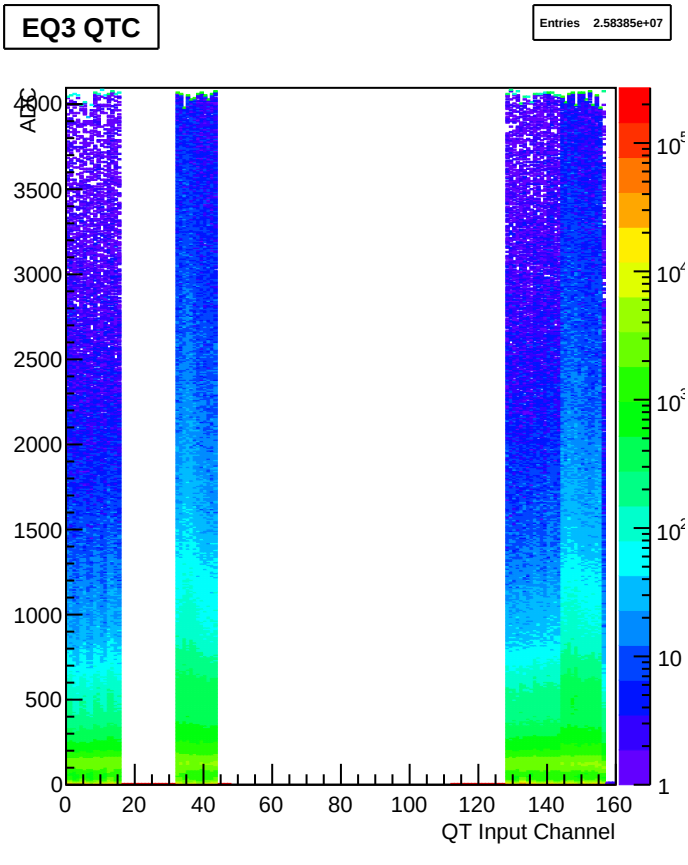

EQ2 QTB
Entries 2.662758e+07
TDC
QT Input Channel

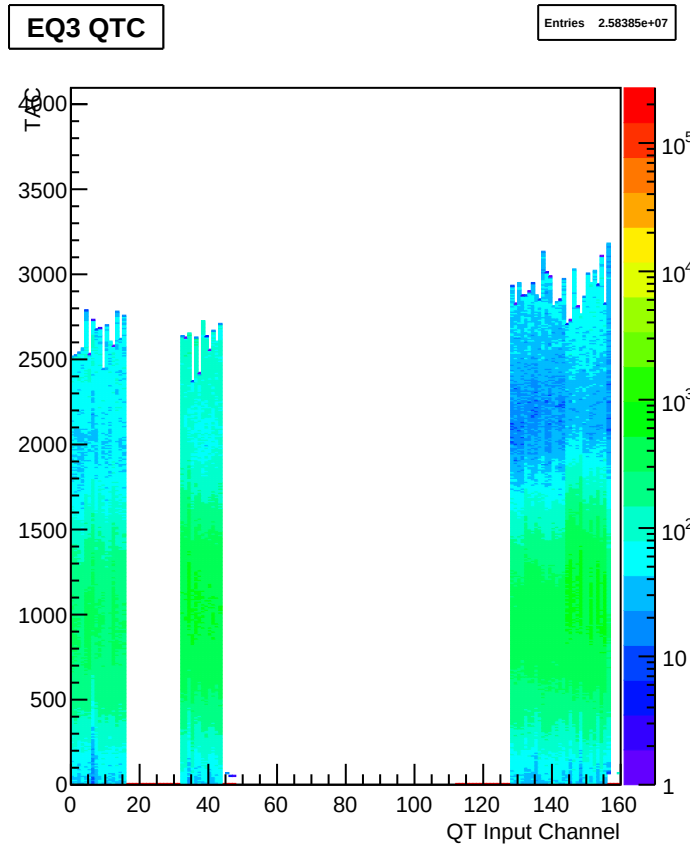

EQ2 QTC
Entries 2.58385e+07
ADC
QT Input Channel

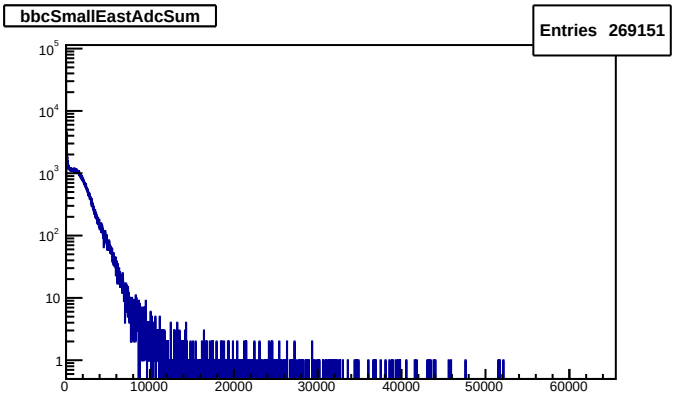

EQ2 QTC
Entries 2.58385e+07
TADC
QT Input Channel

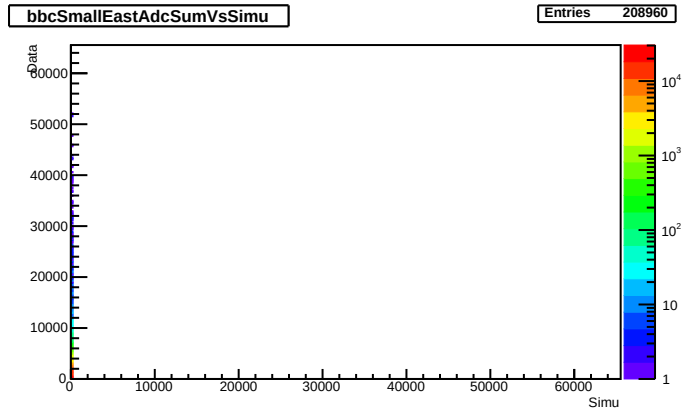

EQ3 QTB
Entries 6.890266e+07
ADC
QT Input Channel

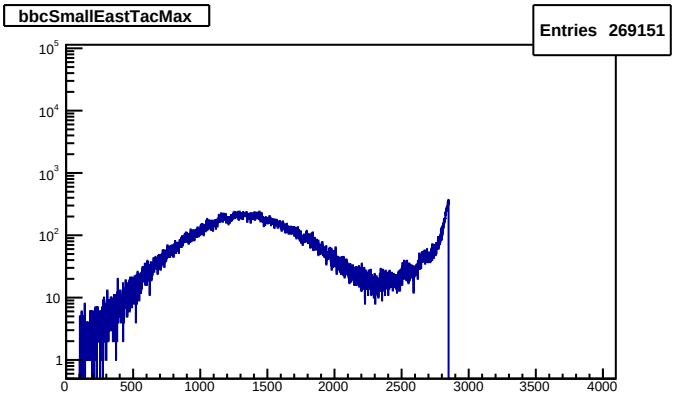

EQ3 QTB
Entries 2.123211e+07
TDC
QT Input Channel

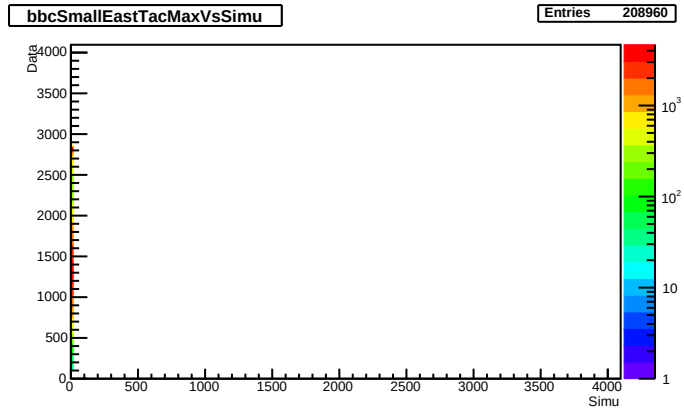

EQ3 QTC
Entries 2.58385e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.58385e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 269151


bbcSmallEastAdcSumVsSimu
Entries 208960
Data
Simu


bbcSmallEastTacMax
Entries 269151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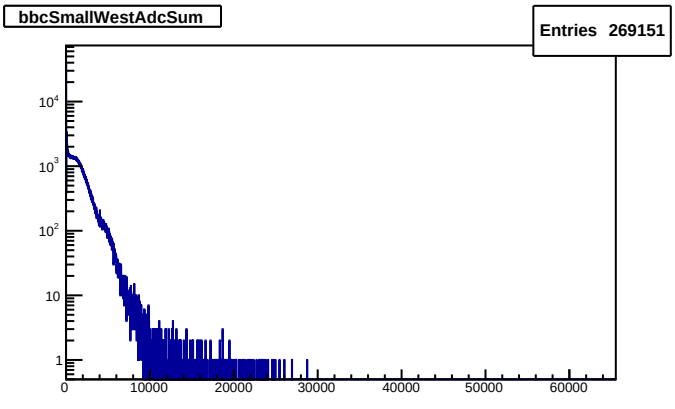
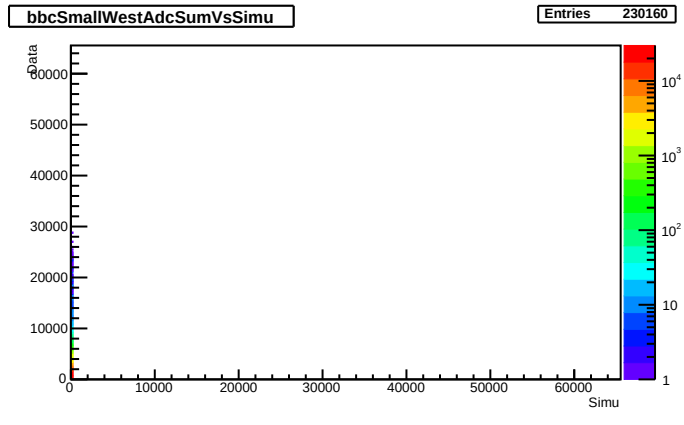
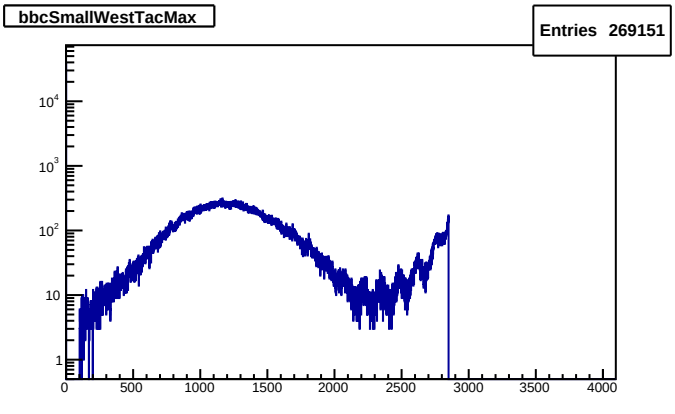
Entries 208960
Data
Simu


bbcSmallWestAdcSum
Entries 269151


bbcSmallWestAdcSumVsSimu
Entries 230160
Data
Simu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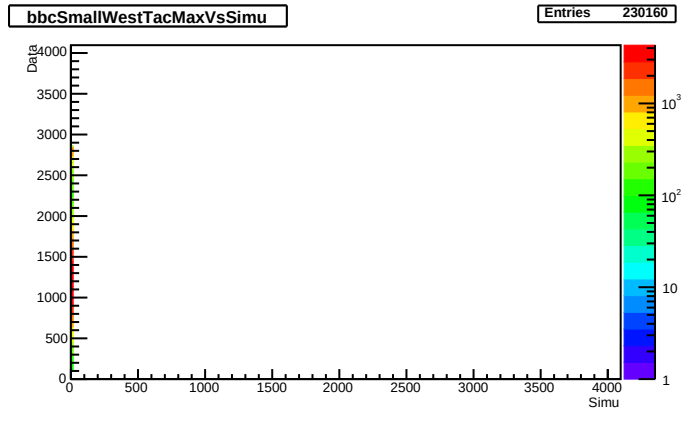
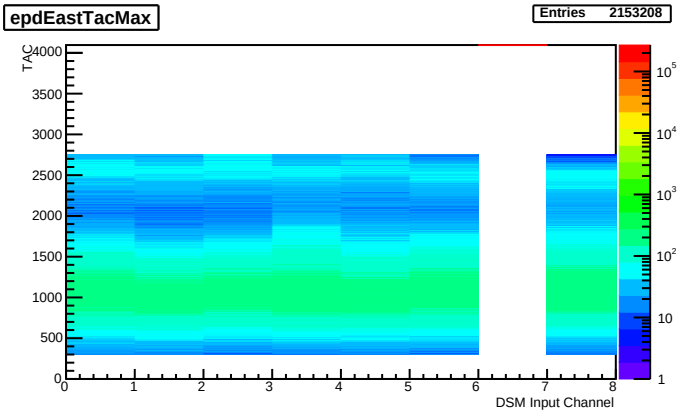
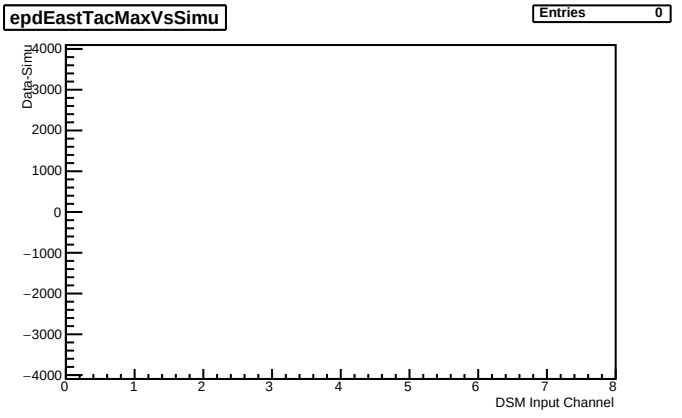
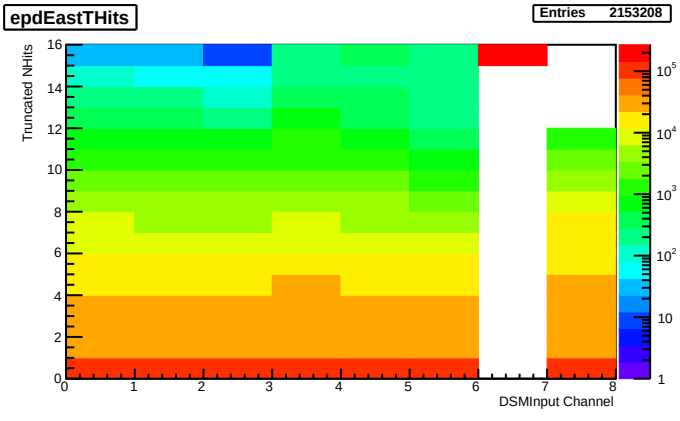
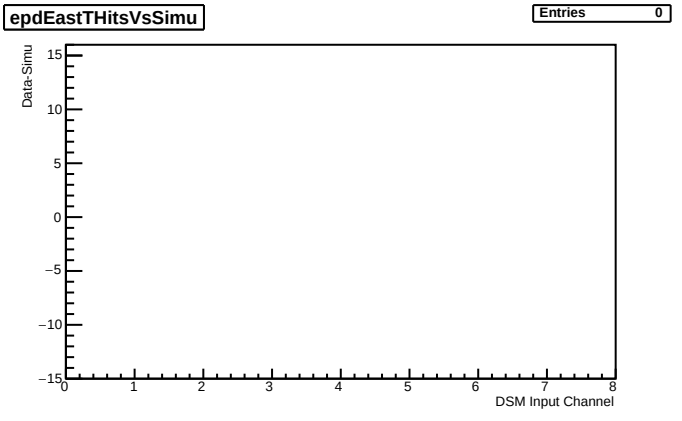
Entries 269151


bbcSmallWestTacMaxVsSimu
Entries 230160
Data
Simu


epdEastTacMax
Entries 2153208
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2153208
Truncated NHits
DSMInput Channel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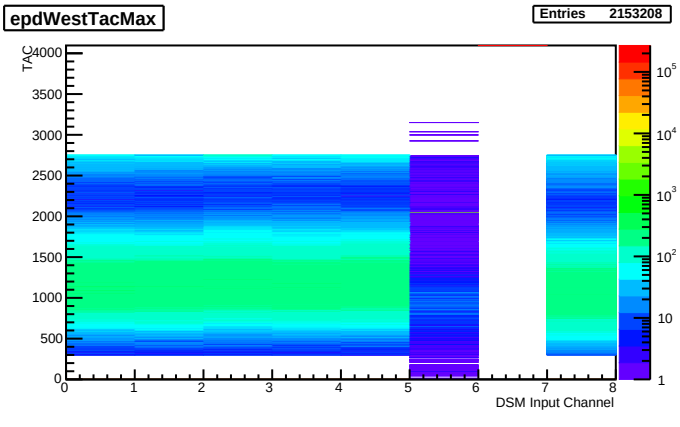
Data-Simu
DSM Input Channel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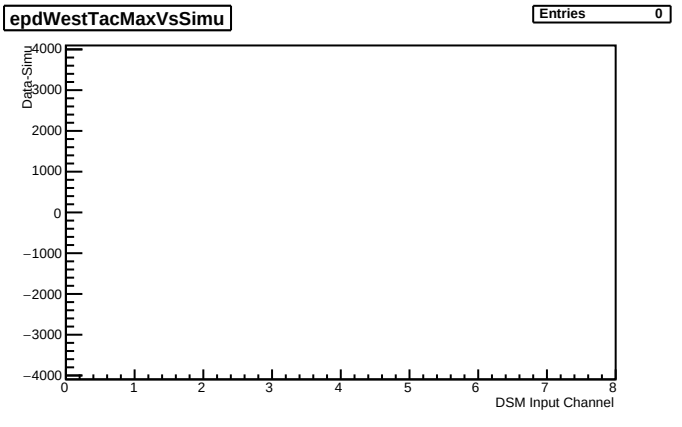
TAC
DSM Input Channel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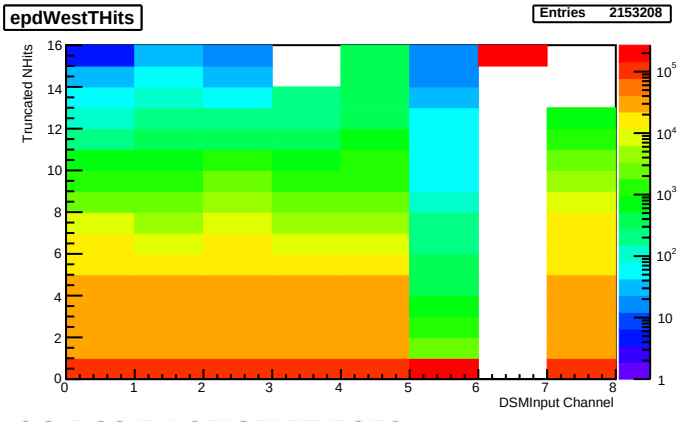
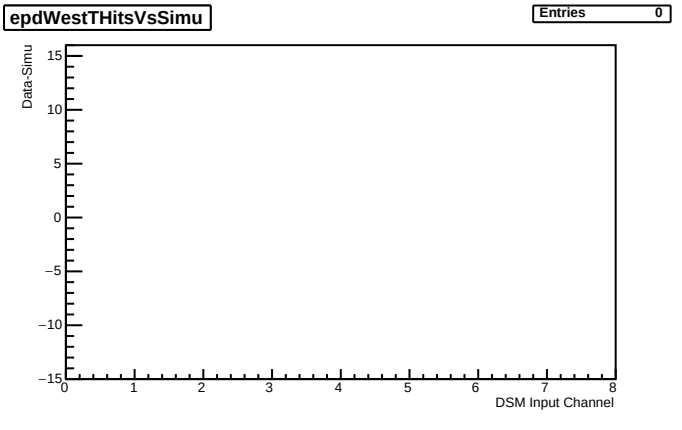
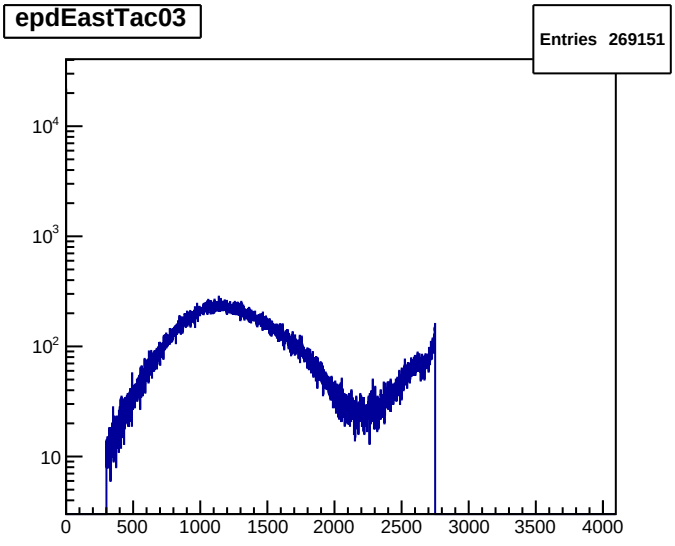
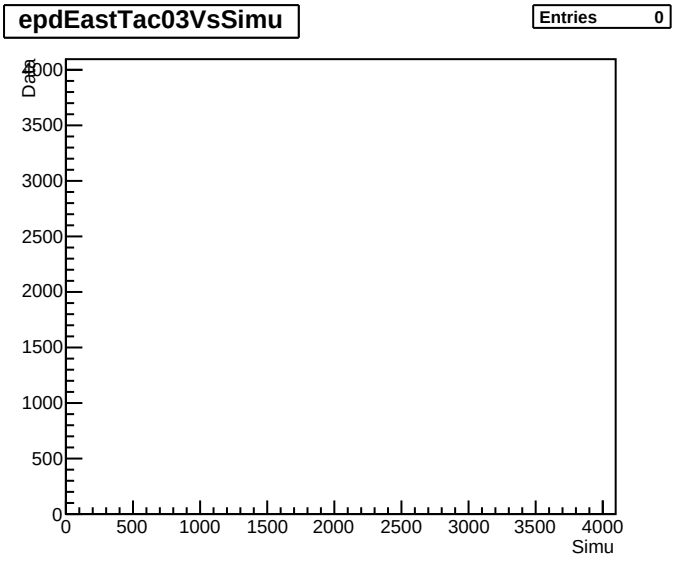
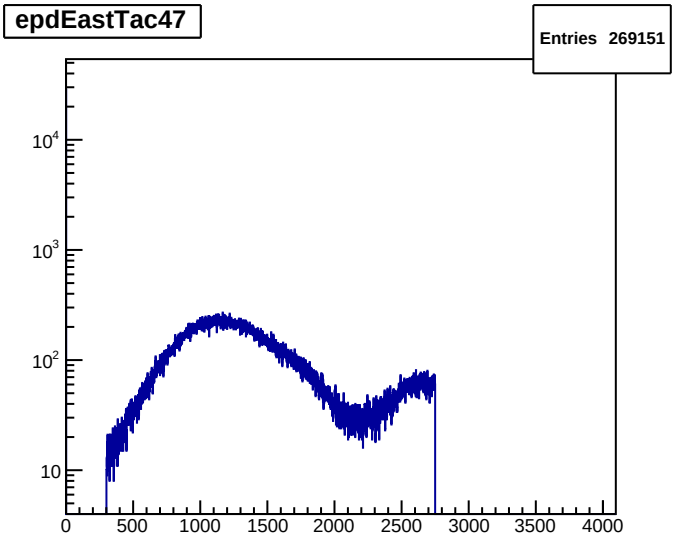
Entries 0
Data-Simu
DSM Input Channel

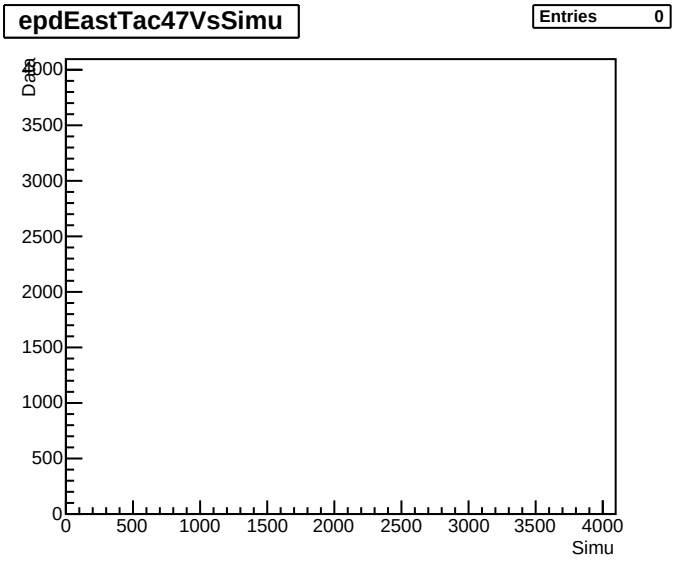

epdWestTHits
Entries 2153208
Truncated NHits
DSMInput Channel

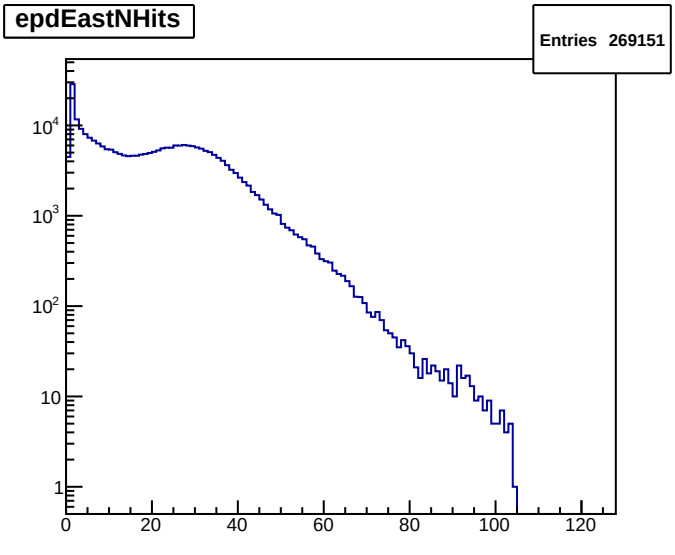

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

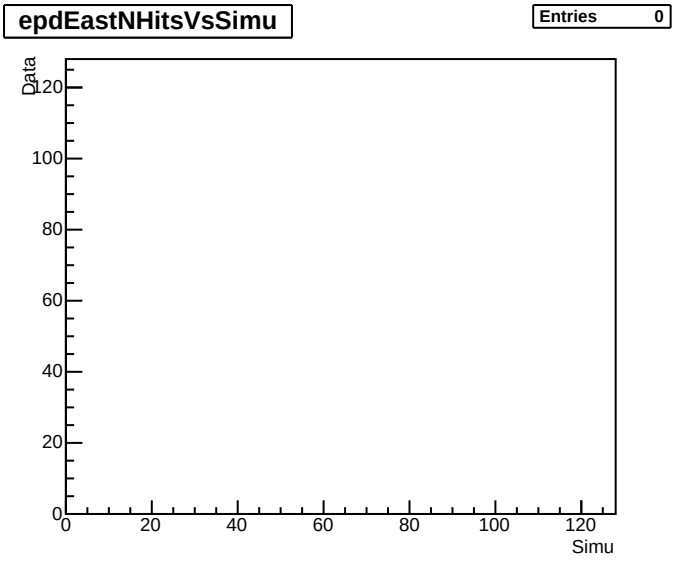

epdEastTac03
Entries 269151
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 269151
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 269151
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120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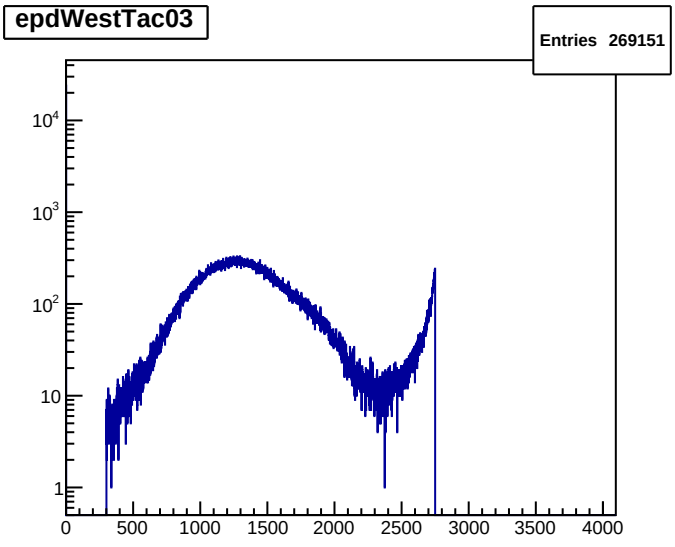
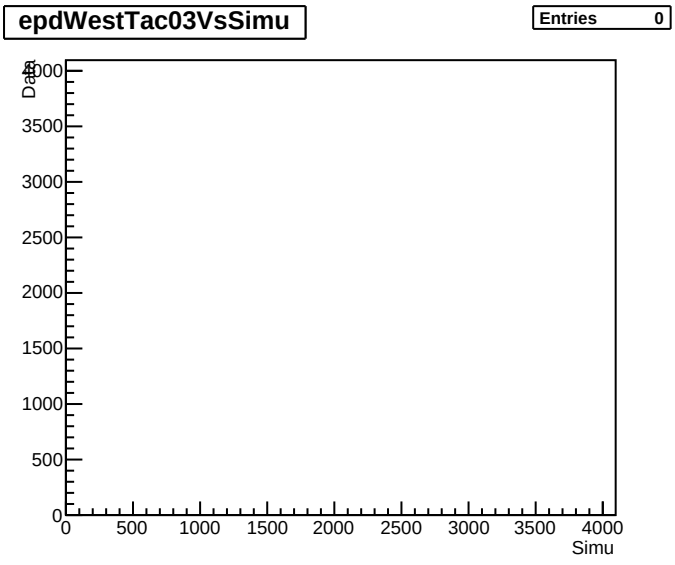
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 269151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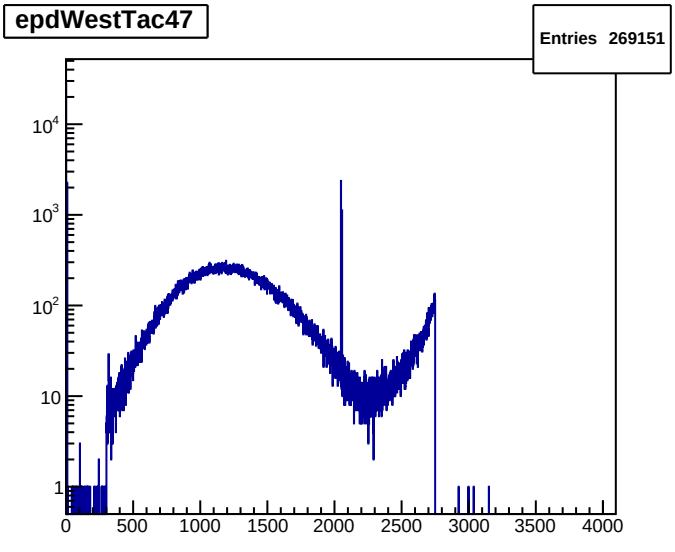
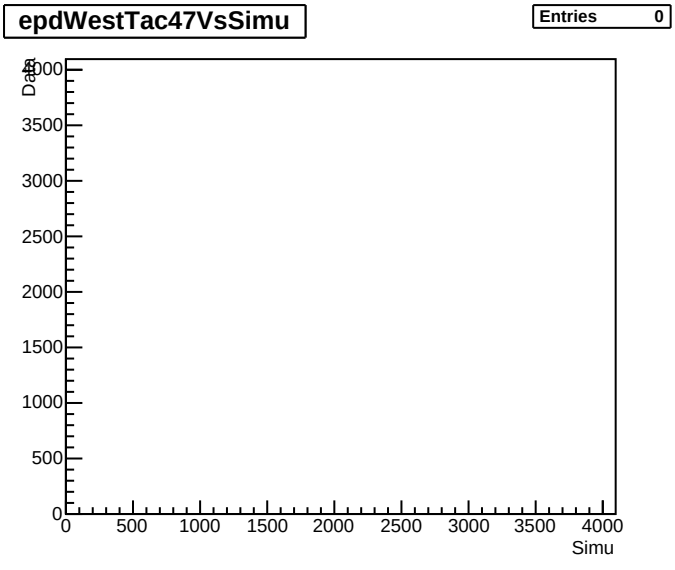
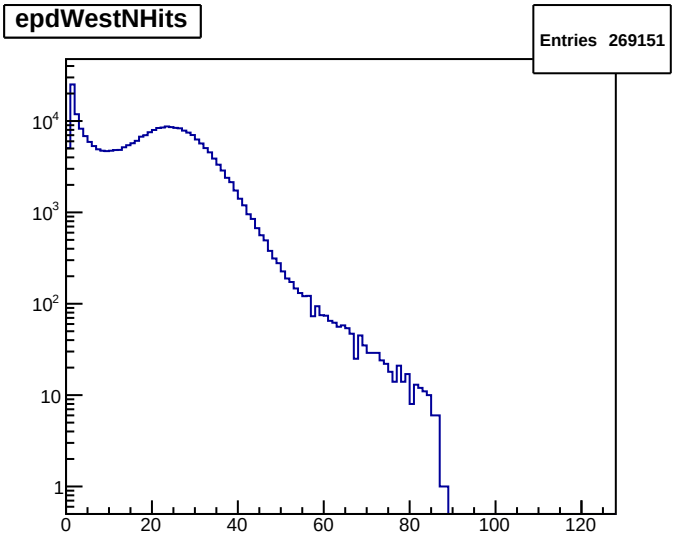
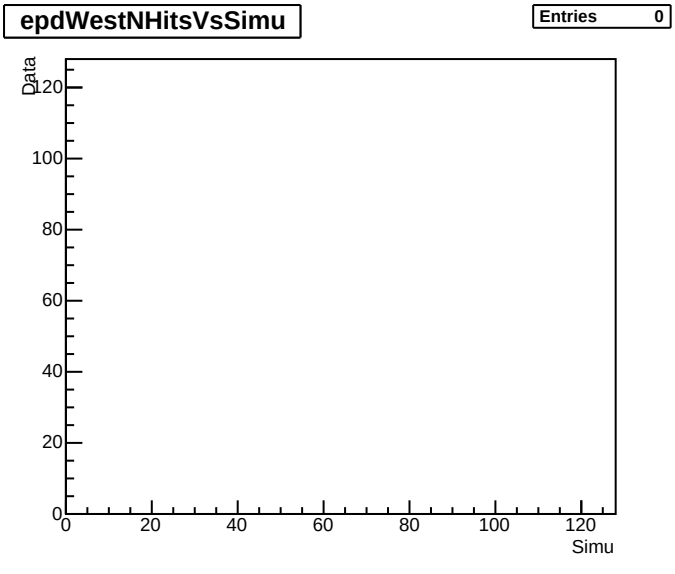
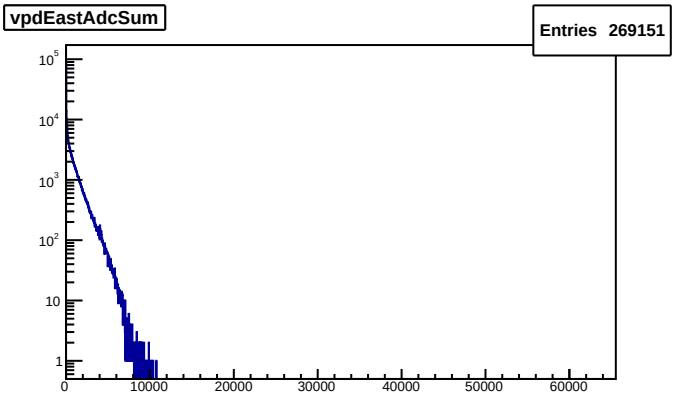
Entries 0
Data
Simu

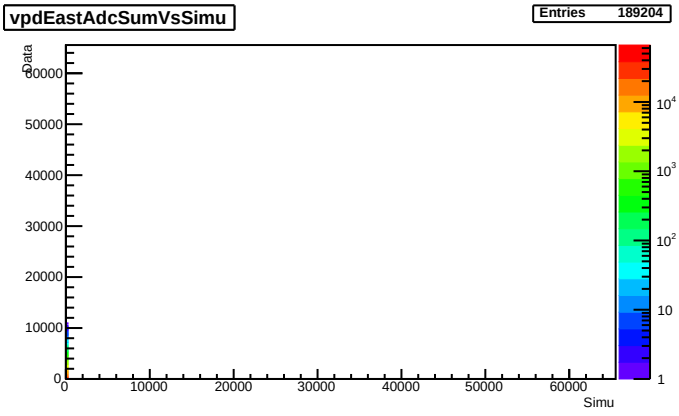

epdWestTac47
Entries 269151

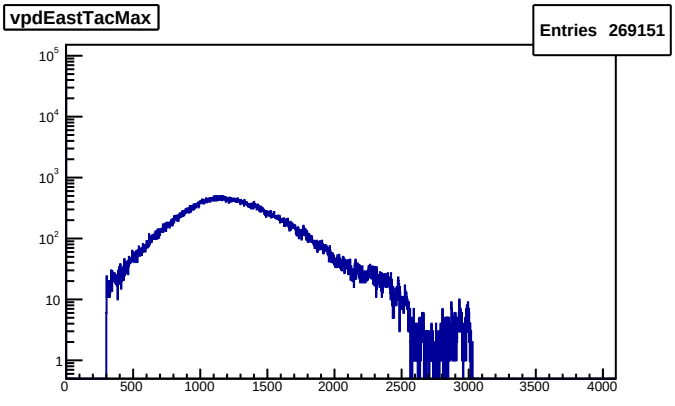

epdWestTac47VsSimu
Entries 0
Data
Simu

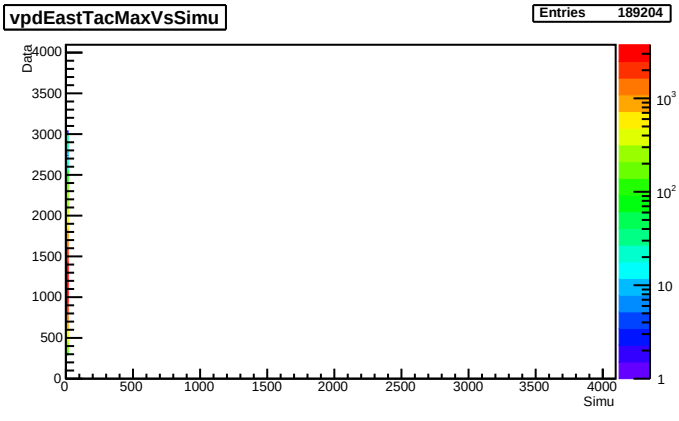

epdWestNHits
Entries 269151

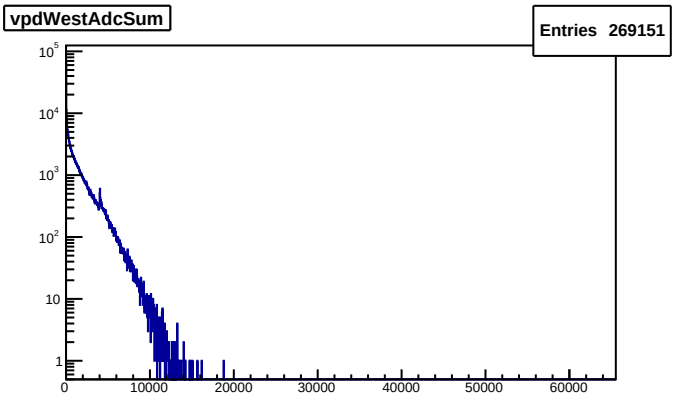

epdWestNHitsVsSimu
Entries 0
Data
Simu

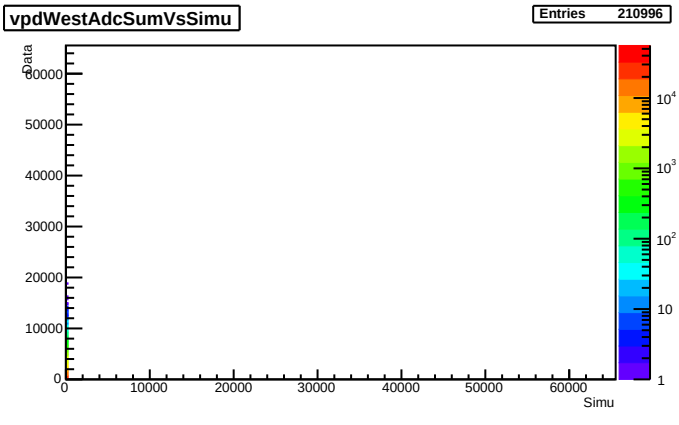

vpdEastAdcSum
Entries 269151

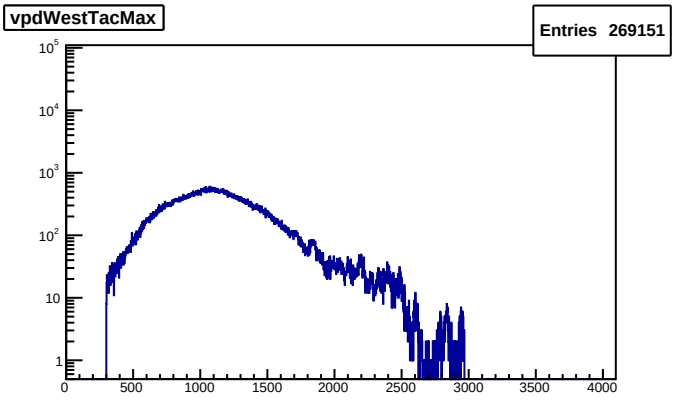

vpdEastAdcSumVsSimu
Entries 189204
Data
Simu

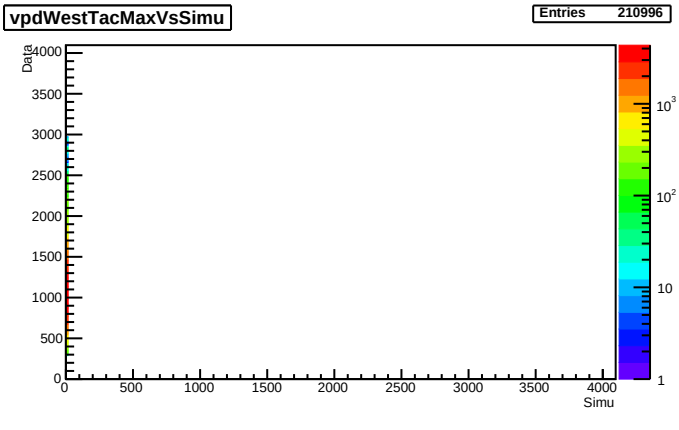

vpdEastTacMax
Entries 269151

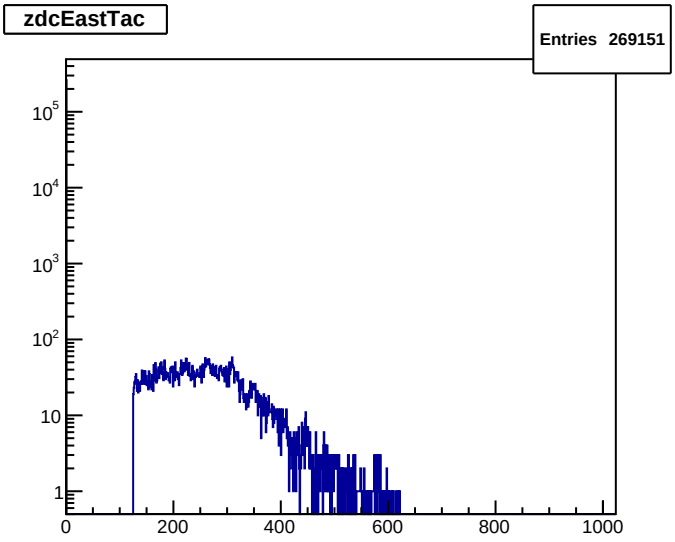

vpdEastTacMaxVsSimu
Entries 189204
Data
Simu

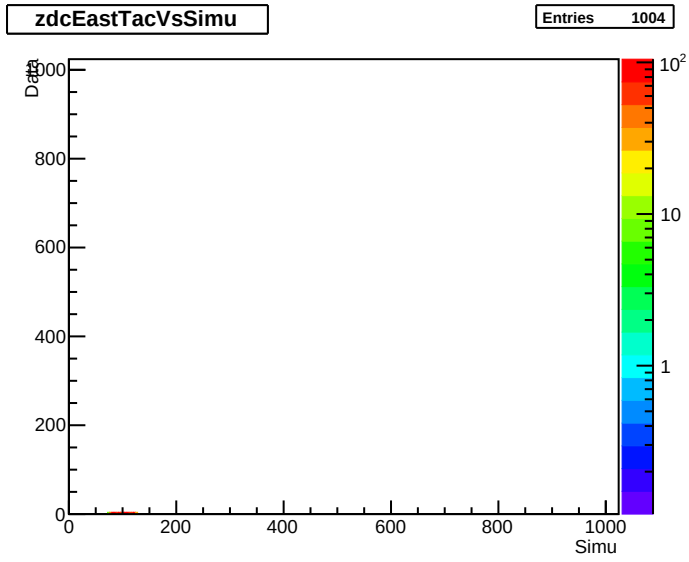

vpdWestAdcSum
Entries 269151

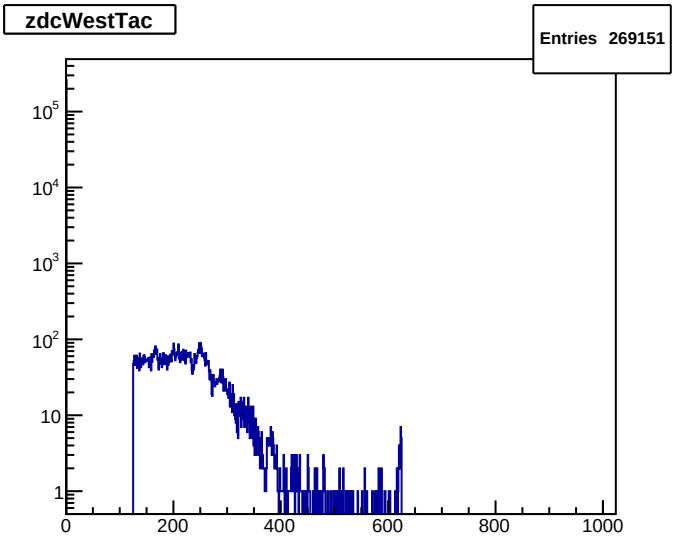

vpdWestAdcSumVsSimu
Entries 210996
Data
Simu

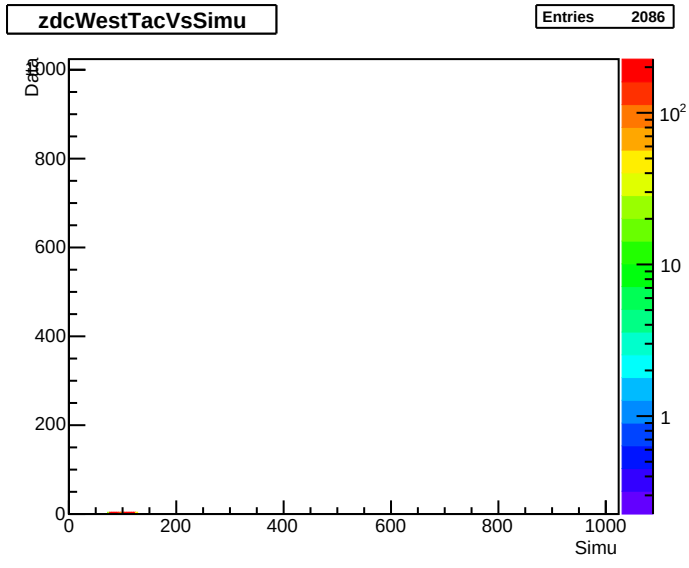

vpdWestTacMax
Entries 269151

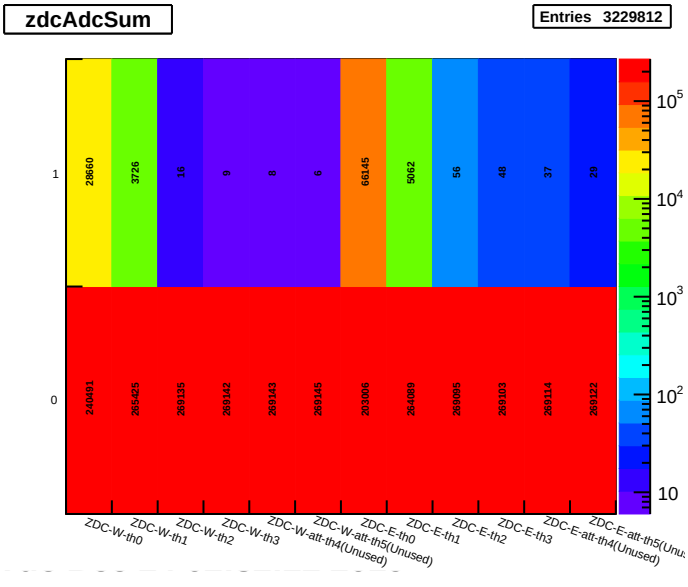

vpdWestTacMaxVsSimu
Entries 210996
Data
Simu

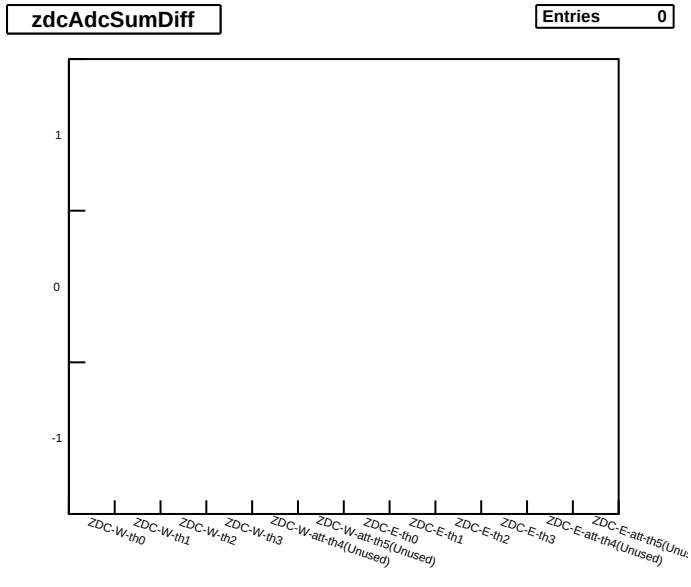

zdcEastTac
Entries 269151

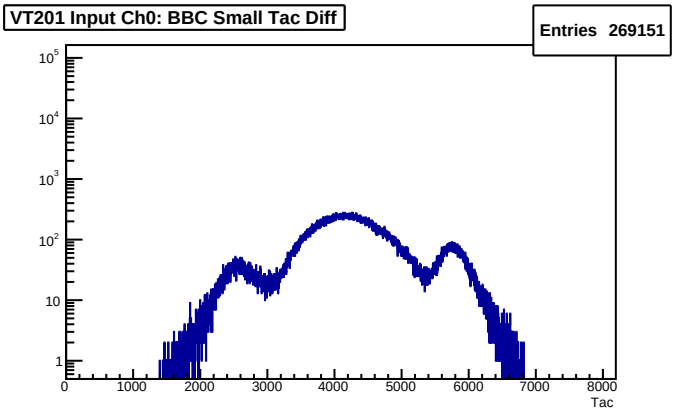

zdcEastTacVsSimu
Entries 1004
Data
Simu

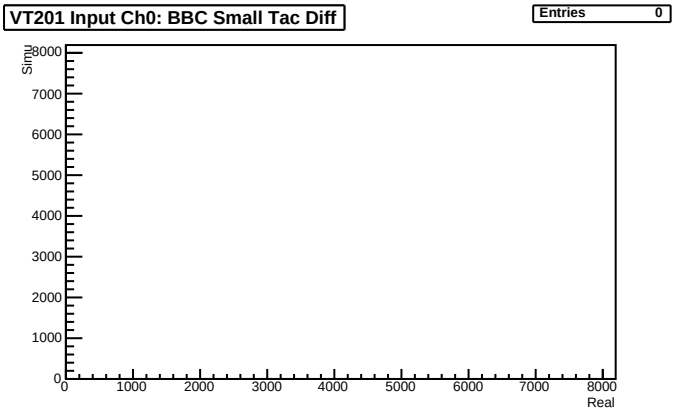

zdcWestTac
Entries 269151

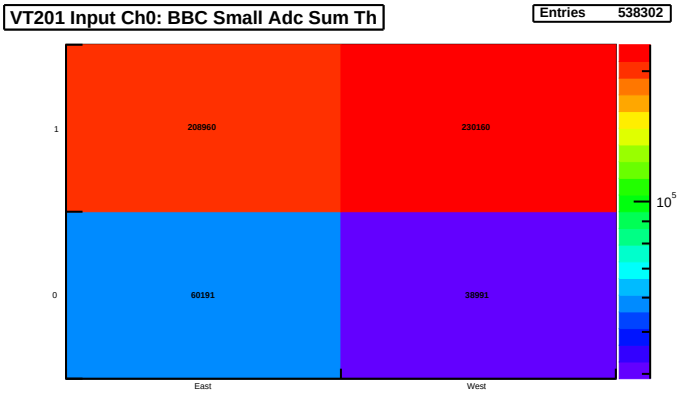

zdcWestTacVsSimu
Entries 2086
Data
Simu

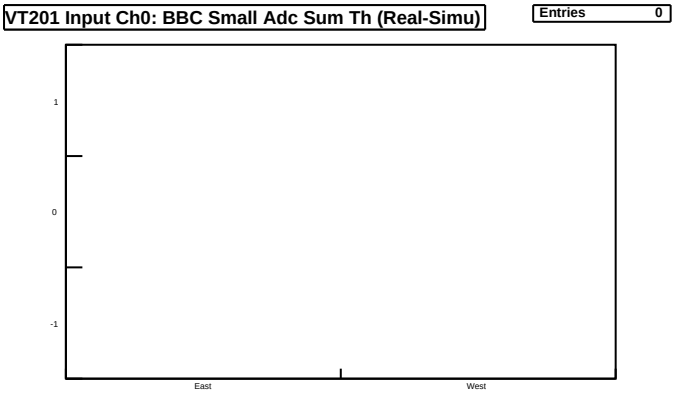

zdcAdcSum
Entries 3229812
28660
3726
16
9
8
6
66145
5062
56
48
37
29
240491
265425
269135
269142
269143
269145
203006
264089
269095
269103
269114
269122
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

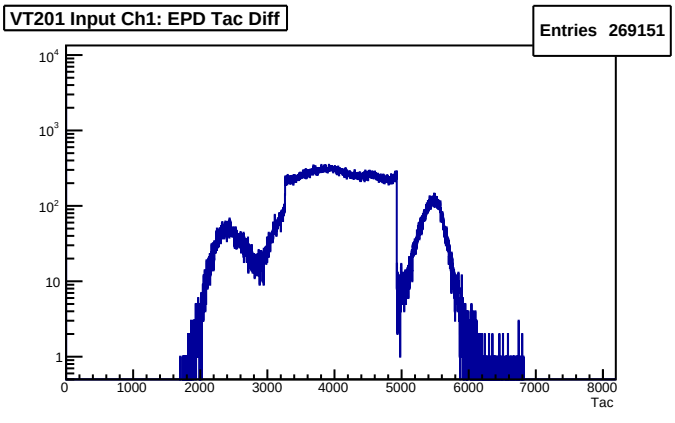

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

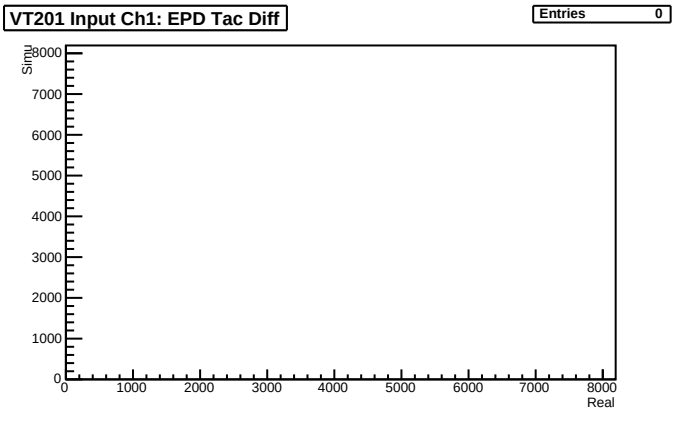

VT201 Input Ch0: BBC Small Tac Diff
Entries 269151
Tac

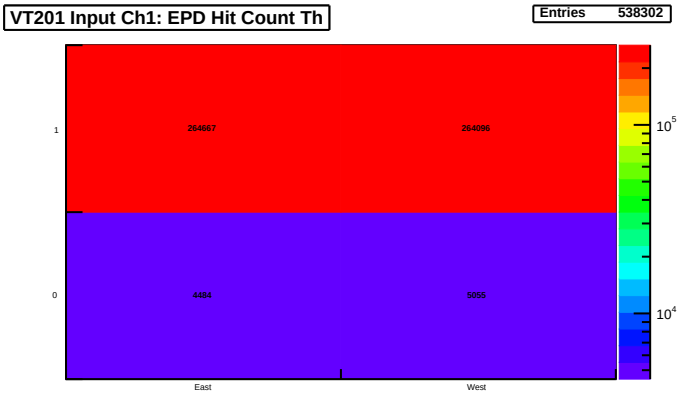

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

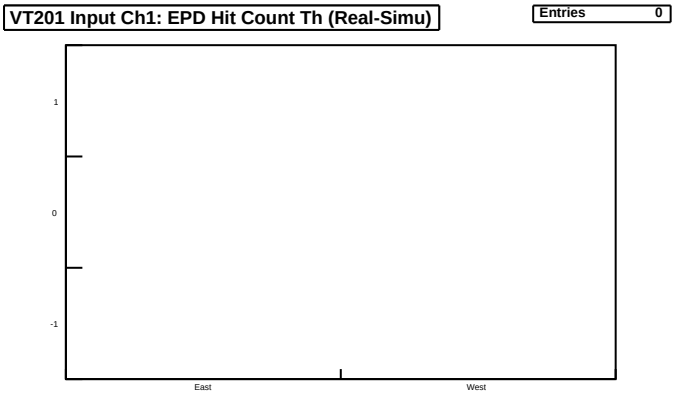

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 538302
208960
230160
60191
38991
East
West

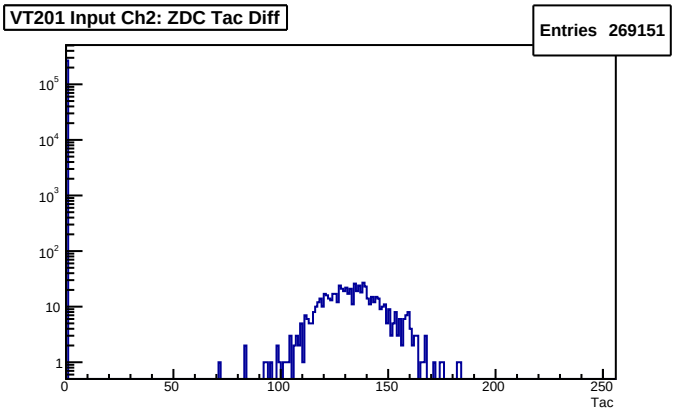

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

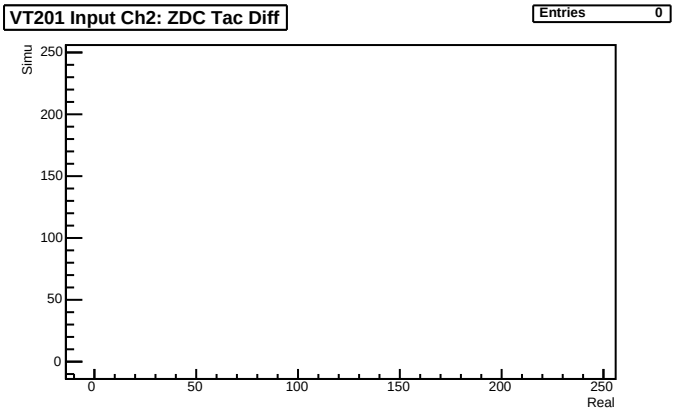

VT201 Input Ch1: EPD Tac Diff
Entries 269151
Tac

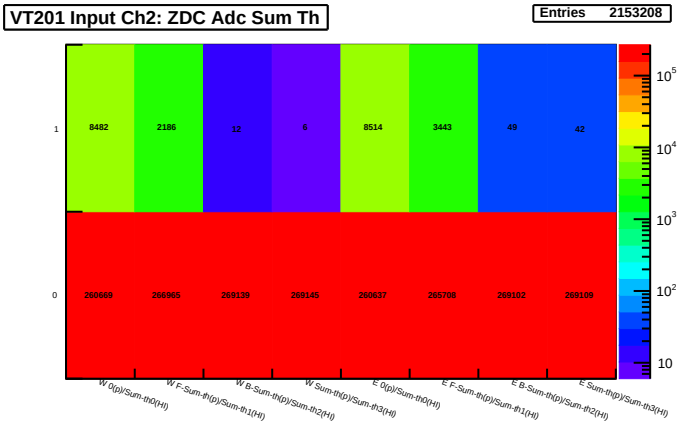

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

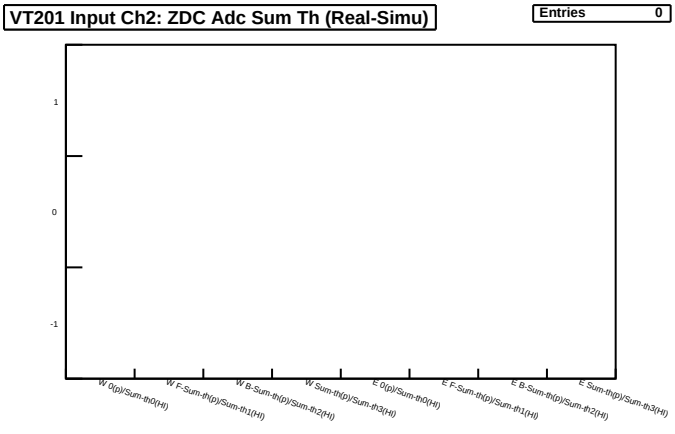

VT201 Input Ch1: EPD Hit Count Th
Entries 538302
264667
264096
4484
5055
East
West

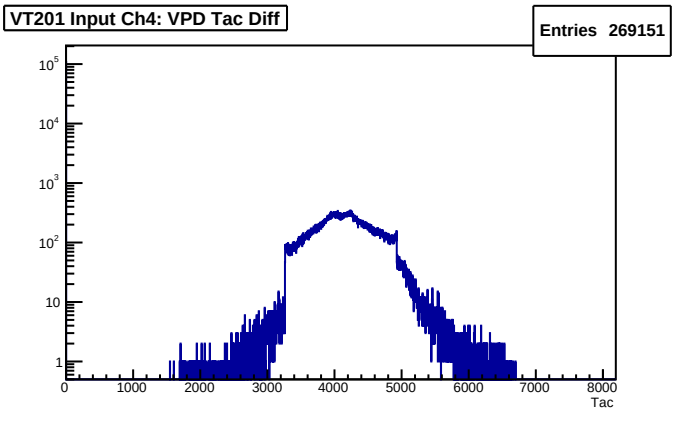

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

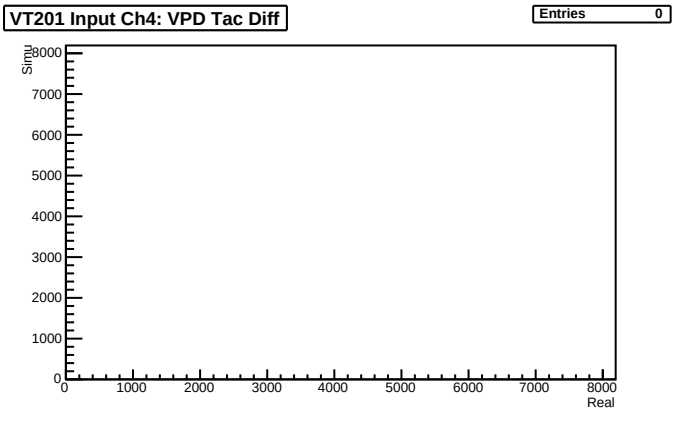

VT201 Input Ch2: ZDC Tac Diff
Entries 269151
Tac

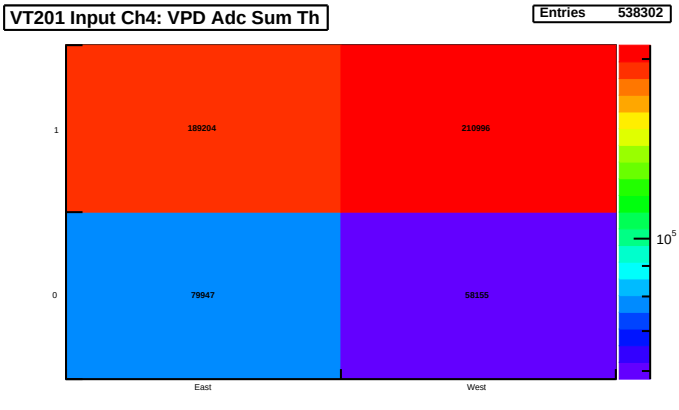

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

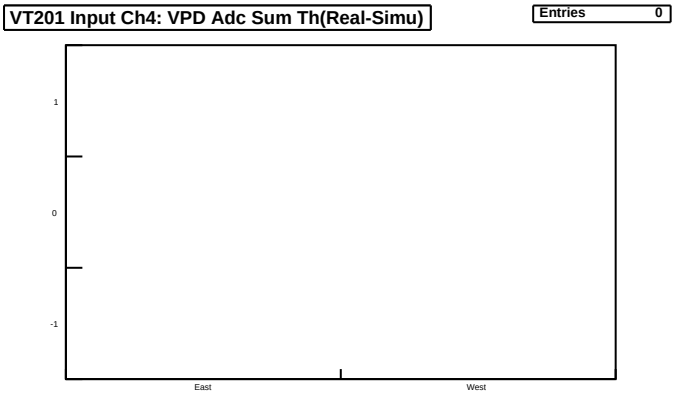

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2153208
8482
2186
12
6
8514
3443
49
42
260669
266965
269139
269145
260637
265708
269102
269109
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

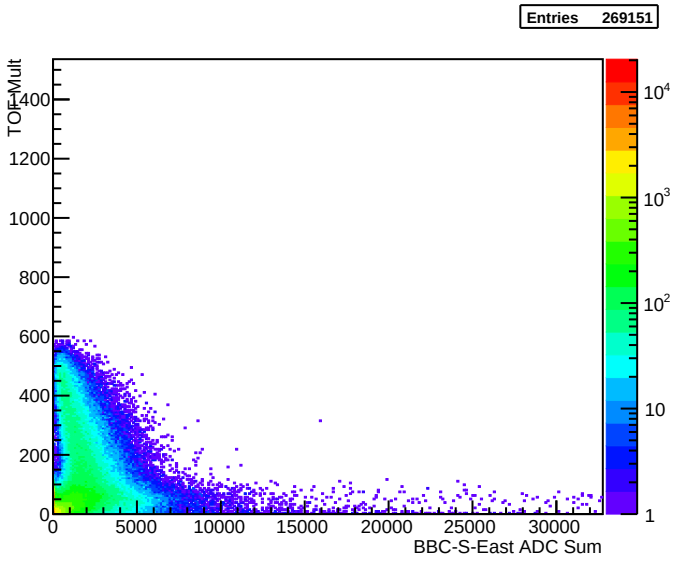

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

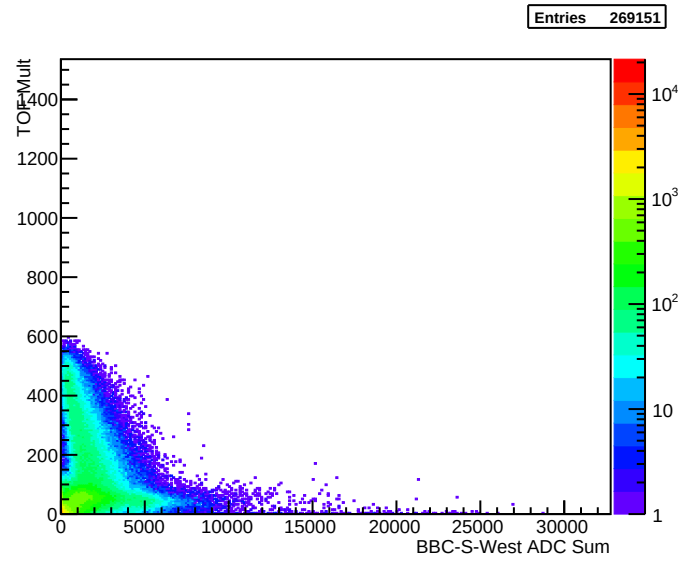

VT201 Input Ch4: VPD Tac Diff
Entries 269151
Tac

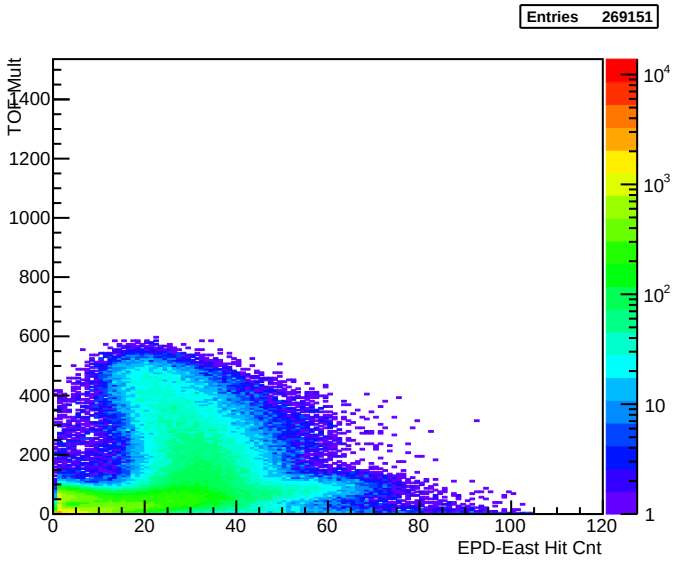

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

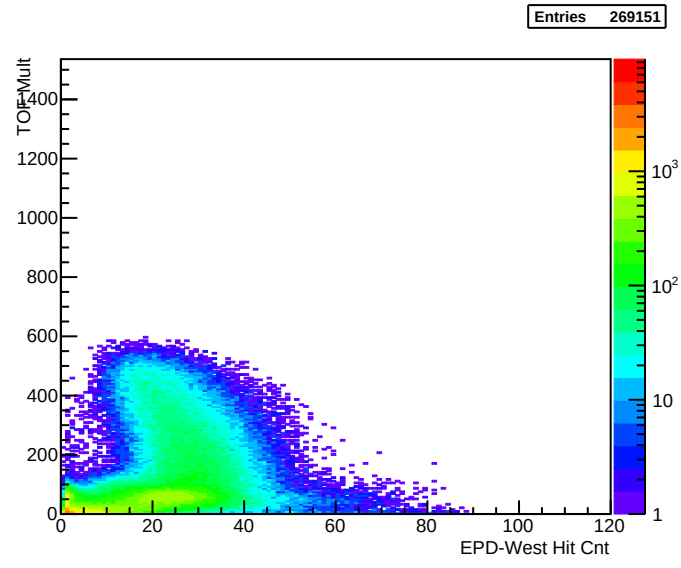

VT201 Input Ch4: VPD Adc Sum Th
Entries 538302
189204
210996
79947
58155
East
West

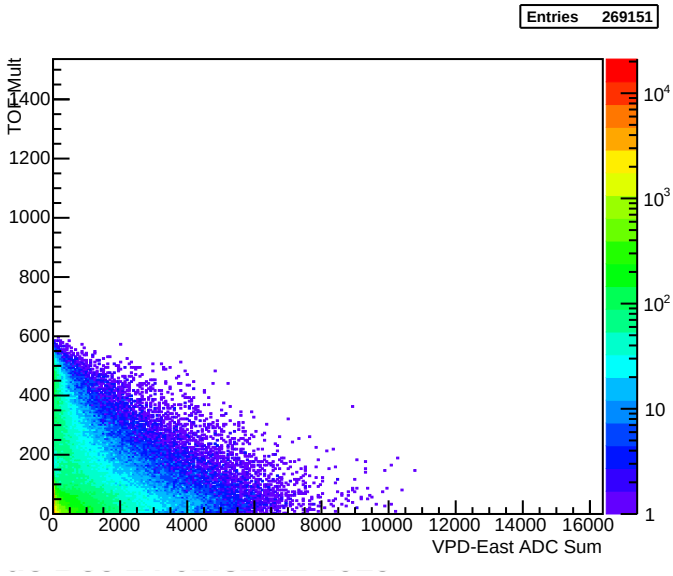

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

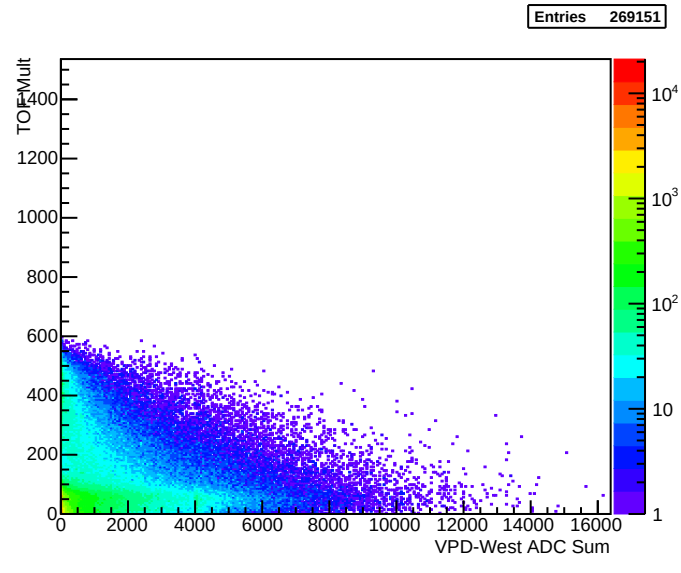

Entries 269151
TOF-Mult
BBC-S-East ADC Sum

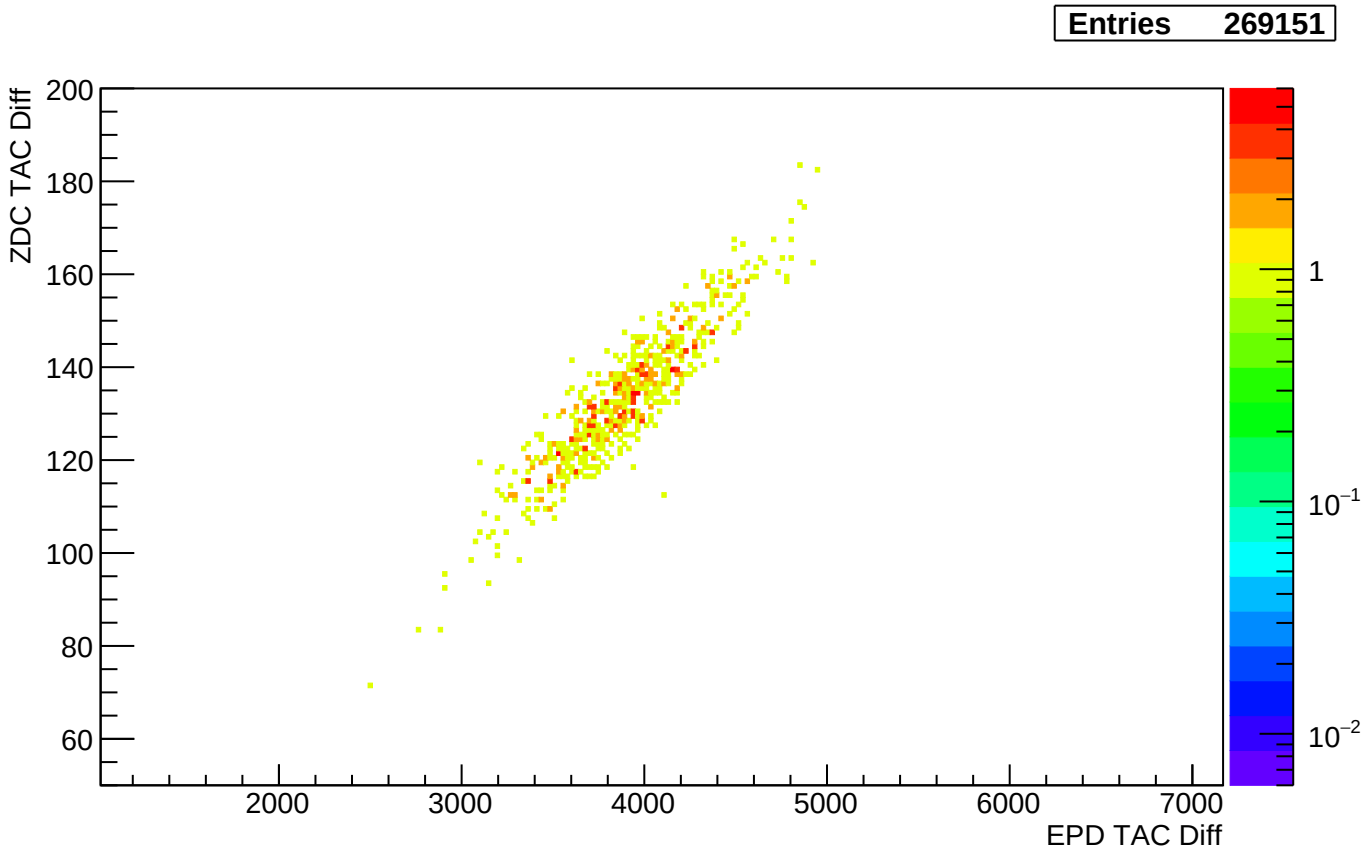

Entries 269151
TOF-Mult
BBC-S-West ADC Sum

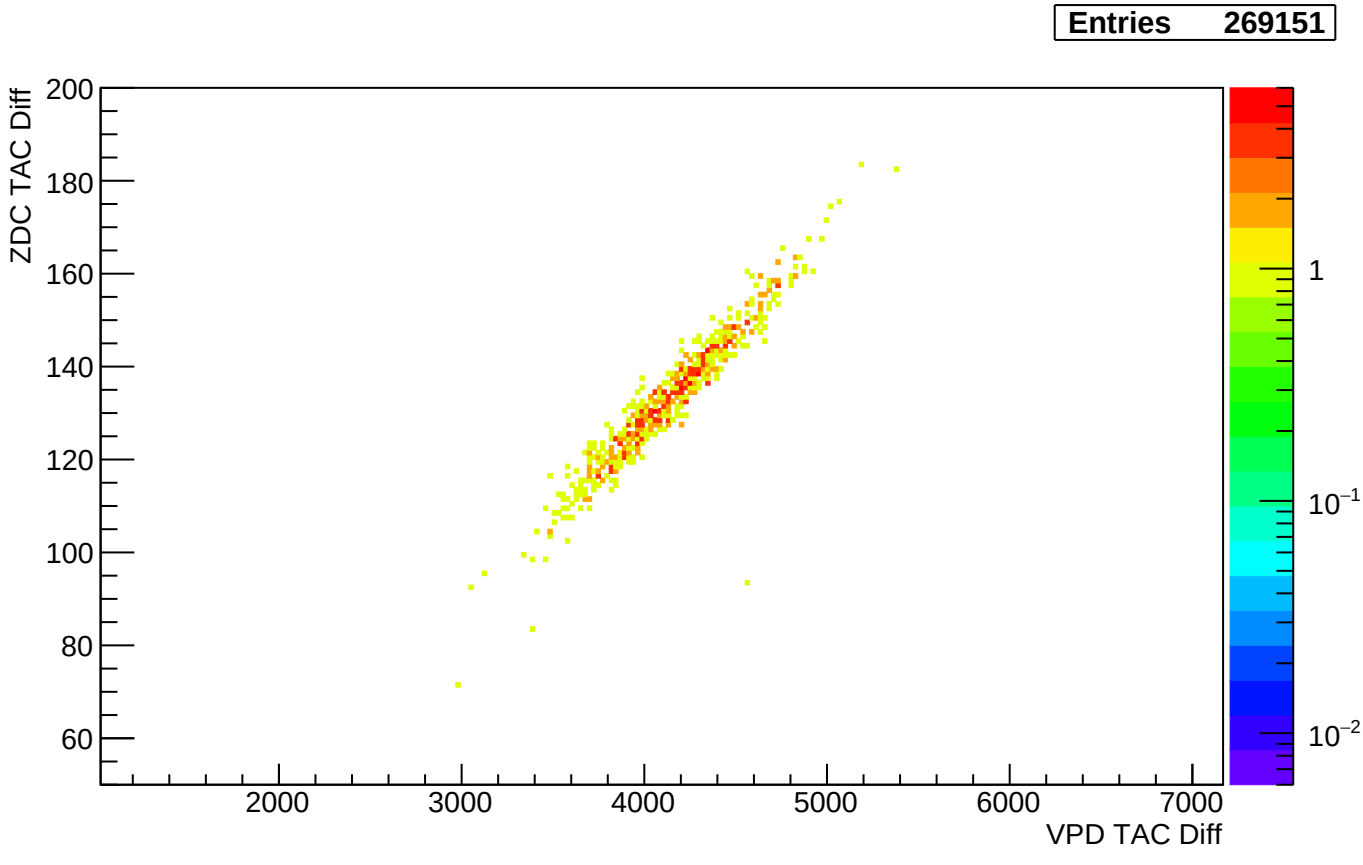

Entries 269151
TOF-Mult
EPD-East Hit Cnt

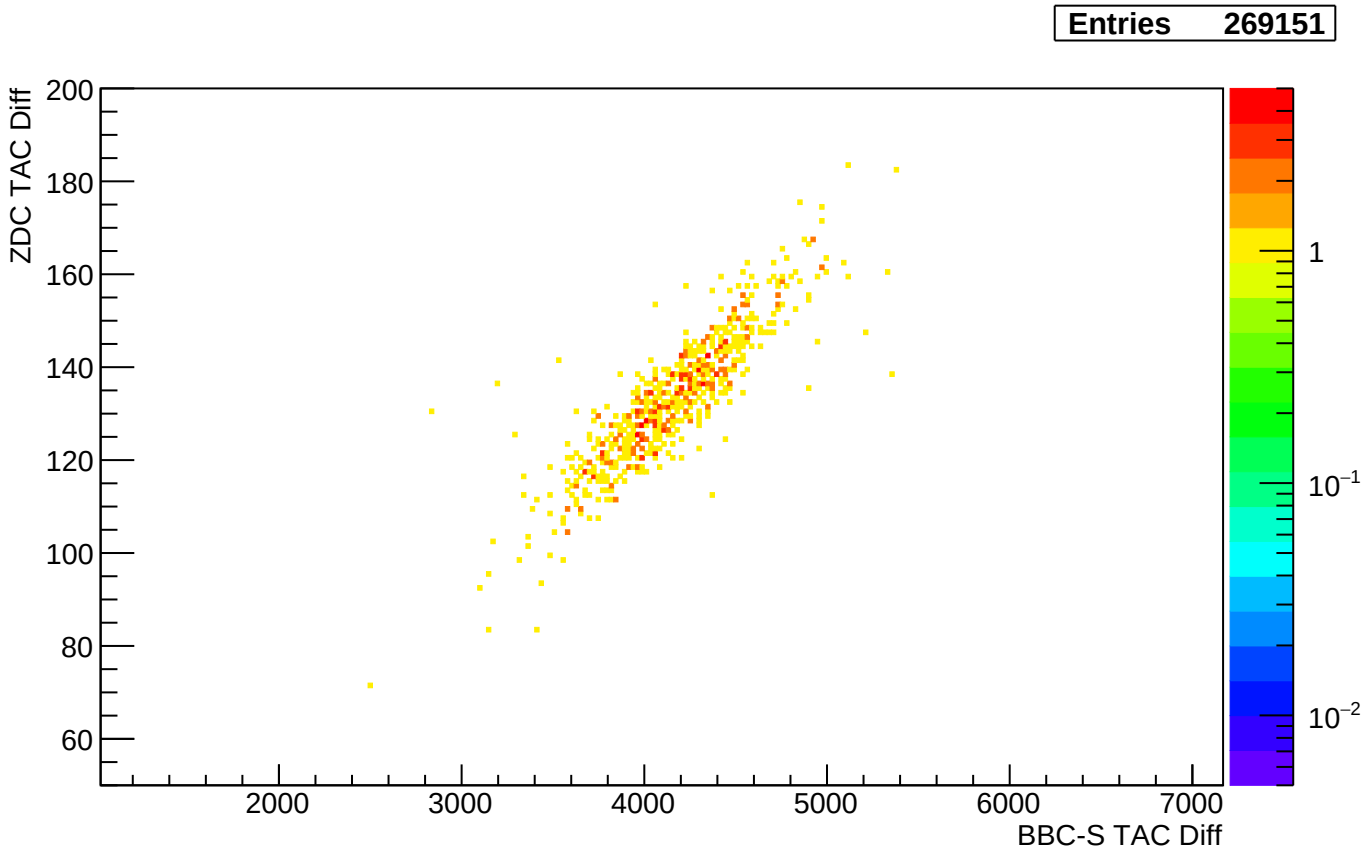

Entries 269151
TOF-Mult
EPD-West Hit Cnt

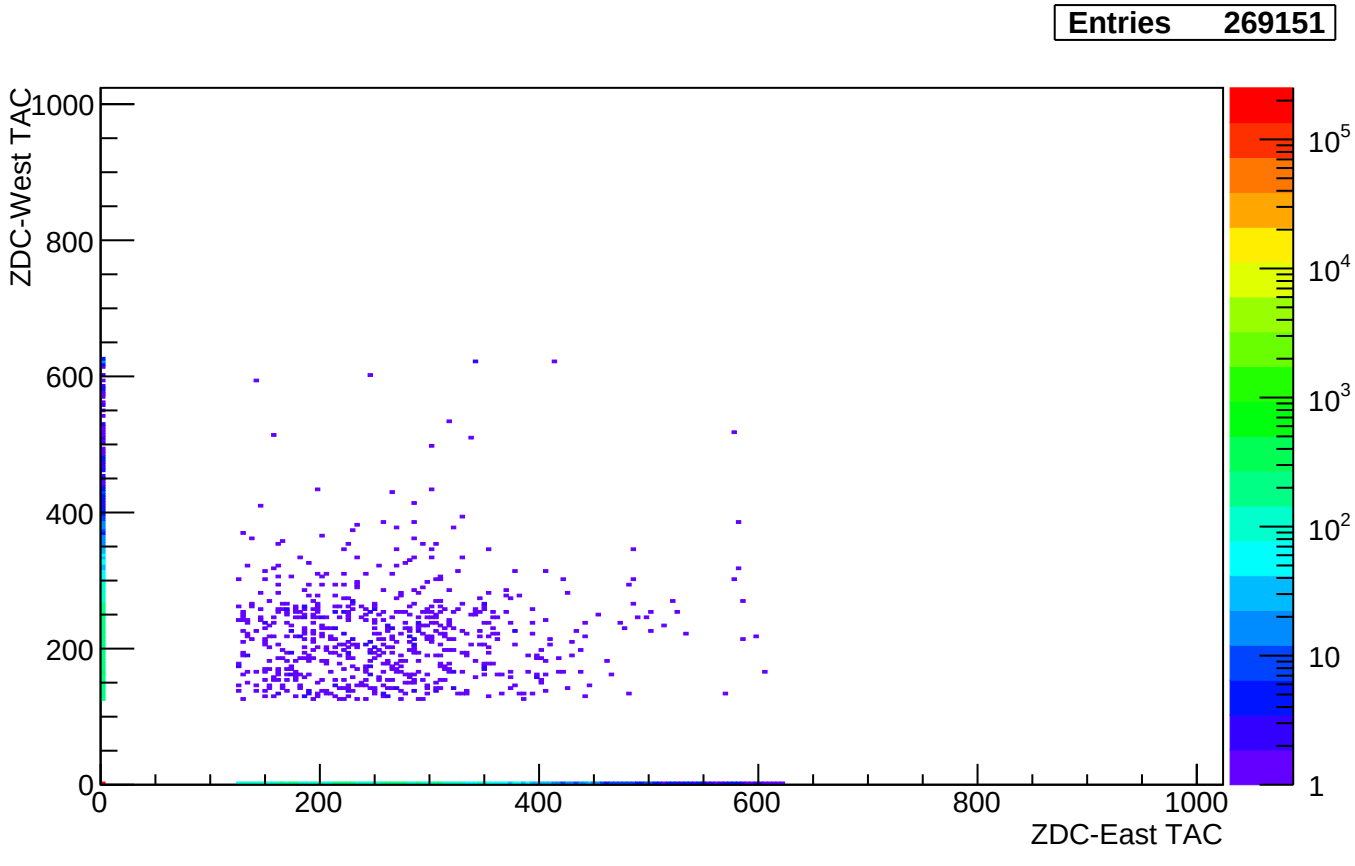

Entries 269151
TOF-Mult
VPD-East ADC Sum

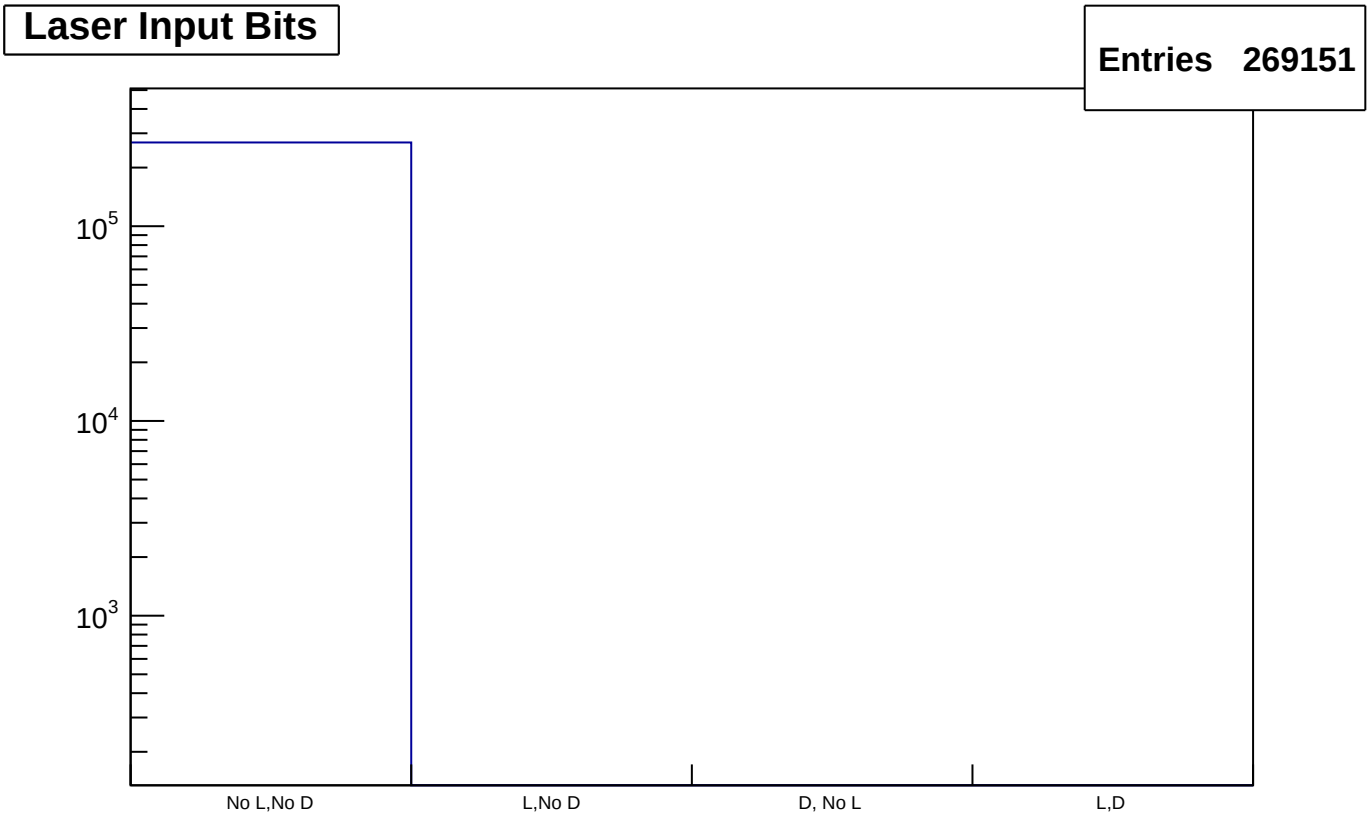

Entries 269151
TOF-Mult
VPD-West ADC Sum

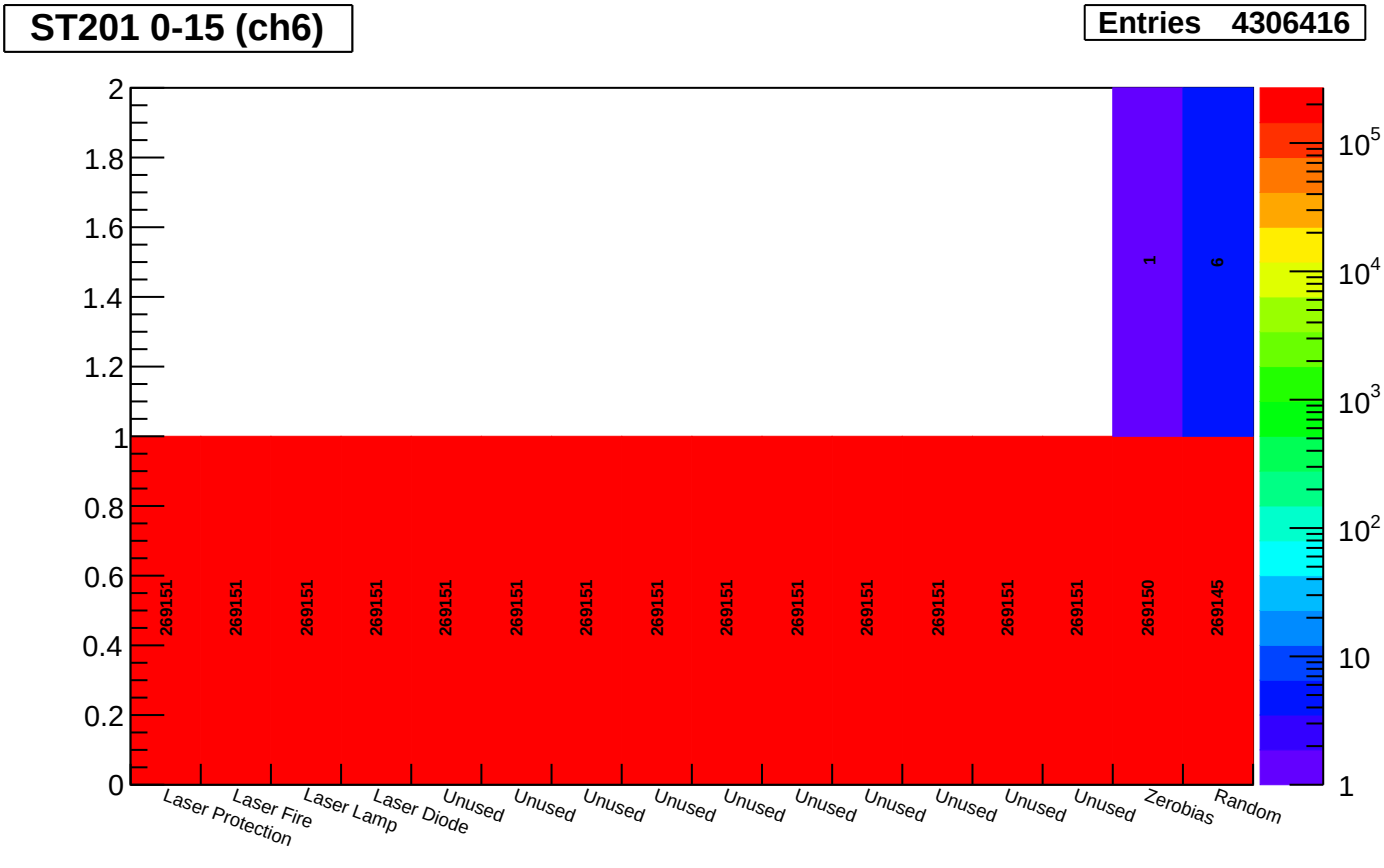

Entries 269151
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

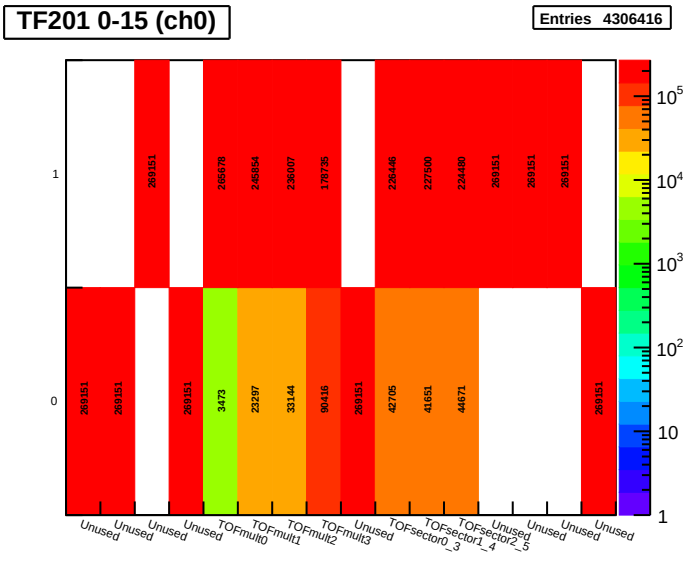

Entries 269151
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

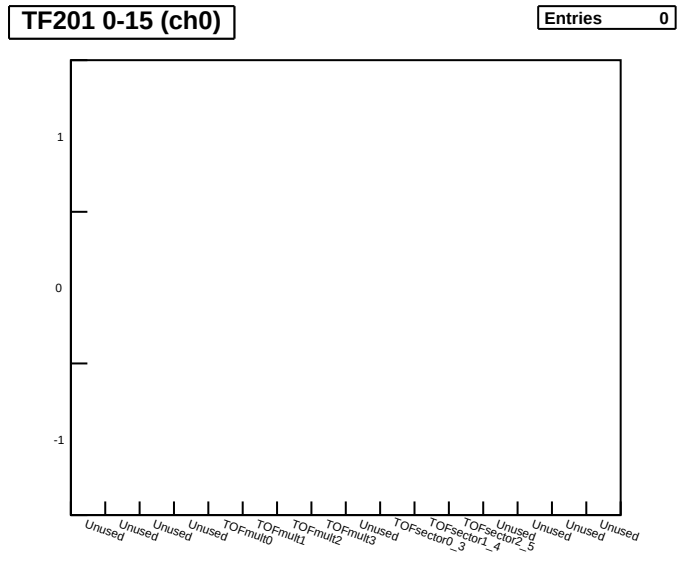

Entries 269151
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

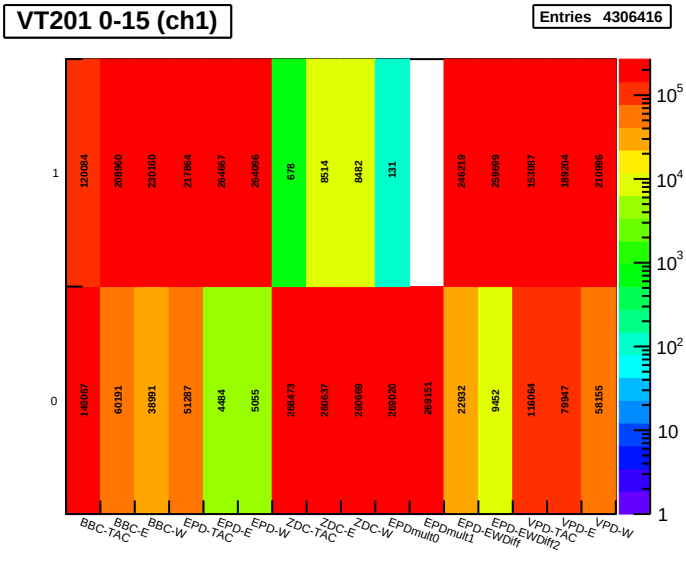

Entries 269151
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

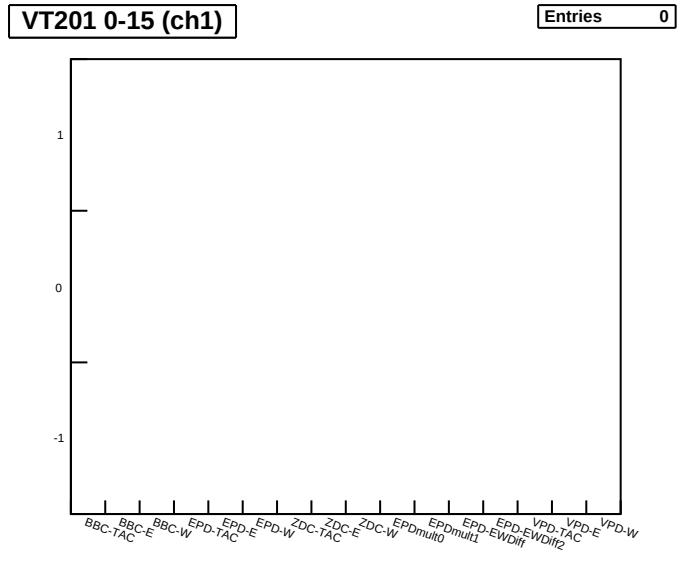

Laser Input Bits
Entries 269151
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

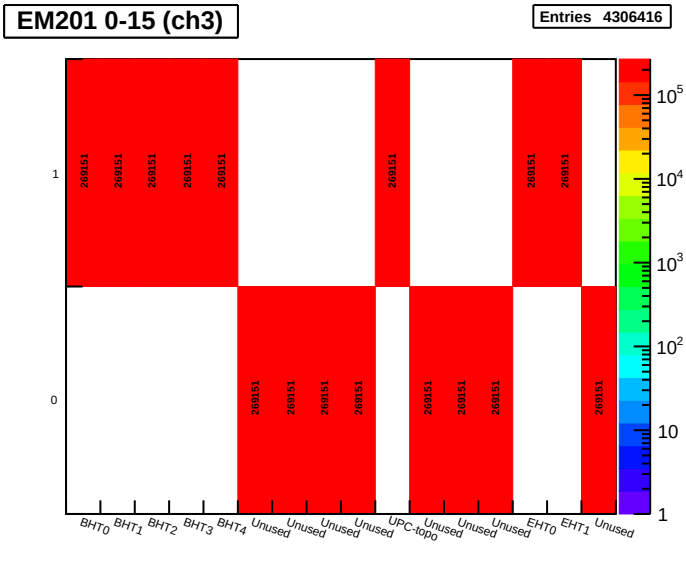

ST201 0-15 (ch6)
Entries 4306416
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
269151
269151
269151
269151
269151
269151
269151
269151
269151
269151
269151
269151
269151
269150
269145
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

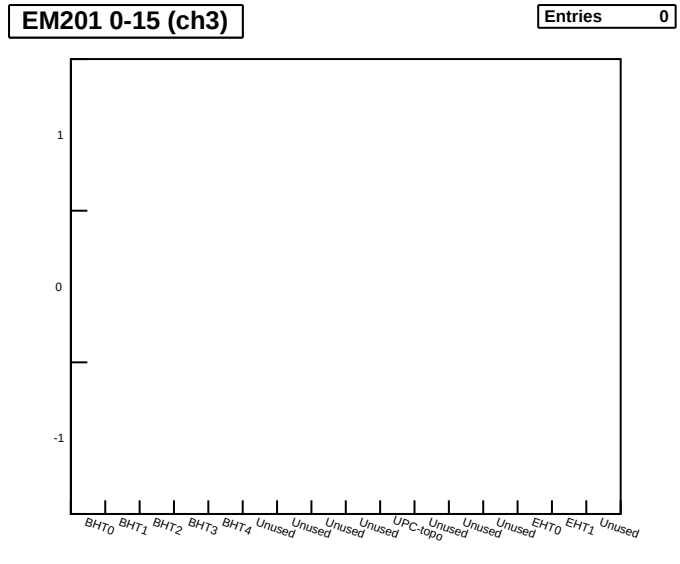

TF201 0-15 (ch0)
Entries 4306416
1
0
269151 265678 245854 235007 178735 226446 227500 224480 269151 269151 269151
269151 269151 269151 3473 23297 33144 90416 269151 42705 41651 44671 269151
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4306416
1
0
120084 208950 230160 217854 264667 264096 678 8514 8482 131 246219 259699 153087 189204 210996
149067 60191 38991 51287 4484 5055 269473 260637 260669 269020 269151 22932 9452 116064 79947 58155
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
1 10 10^2 10^3 10^4 10^5


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 4306416
1
0
269151 269151 269151 269151 269151 269151 269151 269151
269151 269151 269151 269151 269151 269151 269151 269151
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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