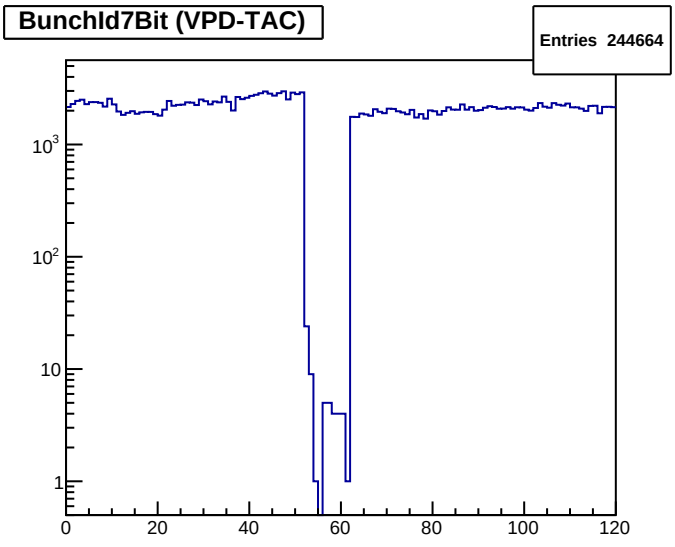
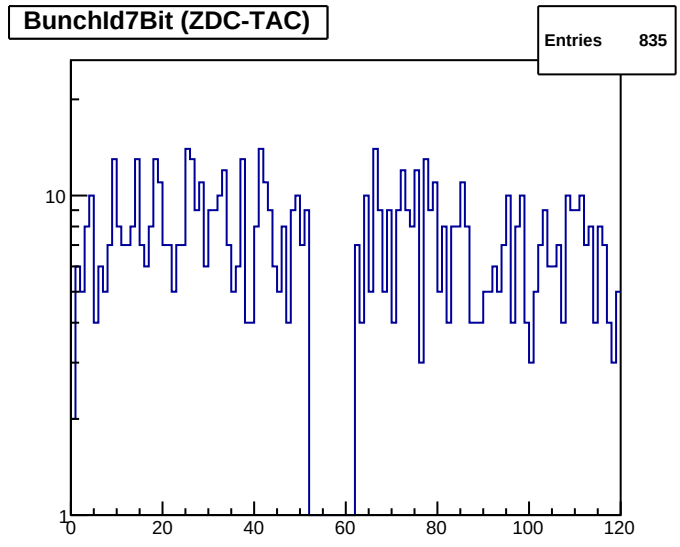
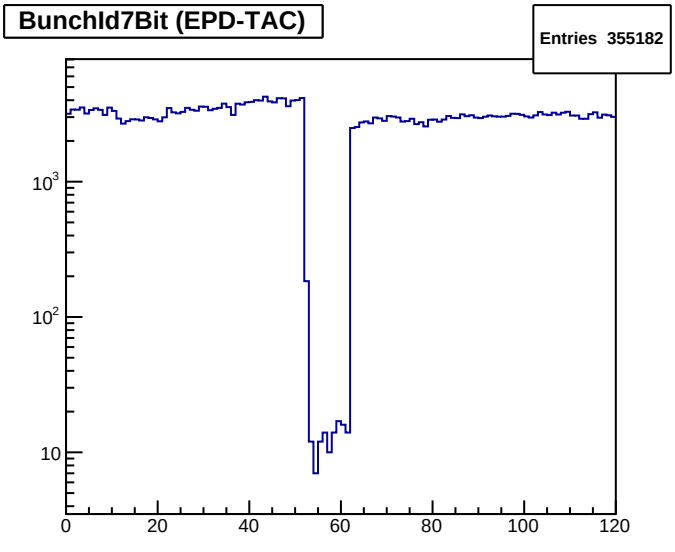
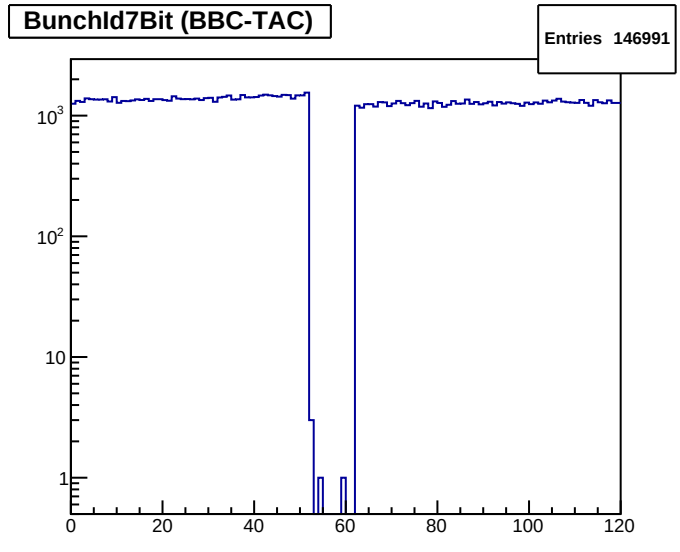
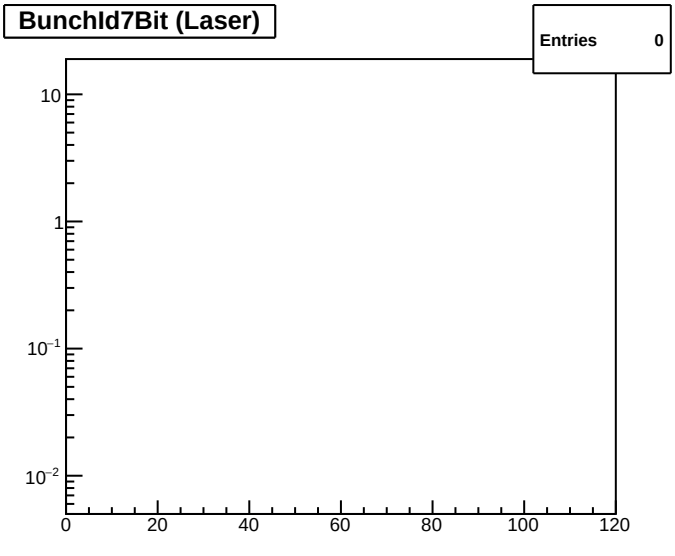
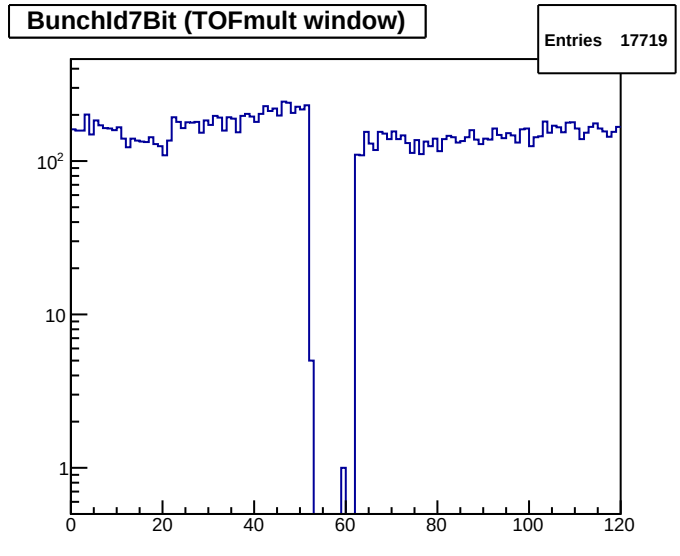

BunchId7Bit (VPD-TAC)
Entries 244664

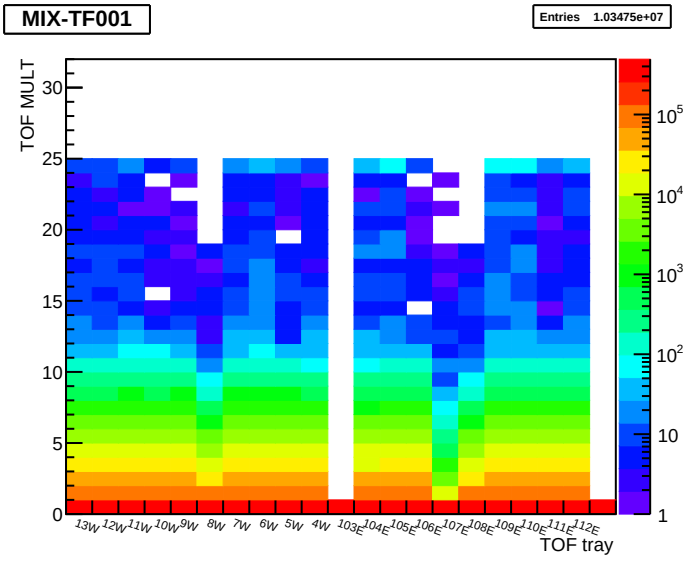

BunchId7Bit (ZDC-TAC)
Entries 835

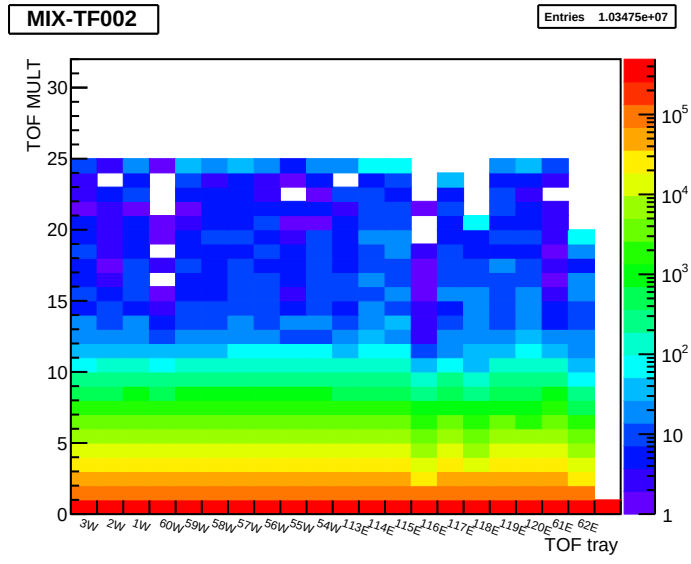

BunchId7Bit (EPD-TAC)
Entries 355182

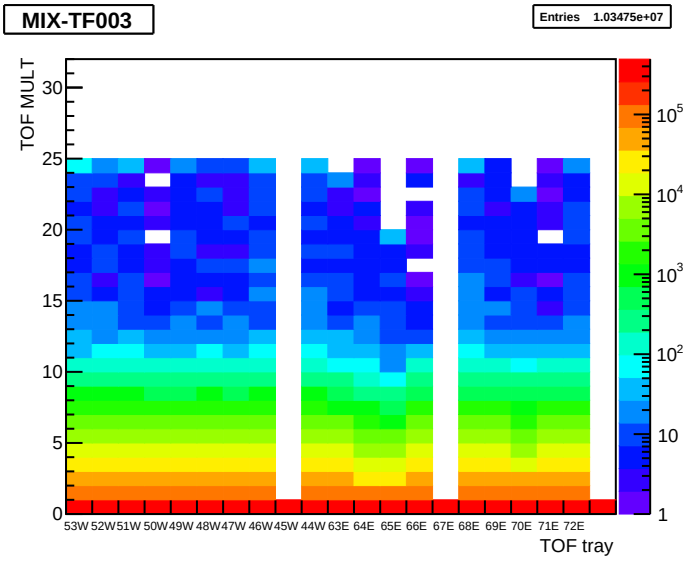

BunchId7Bit (BBC-TAC)
Entries 146991

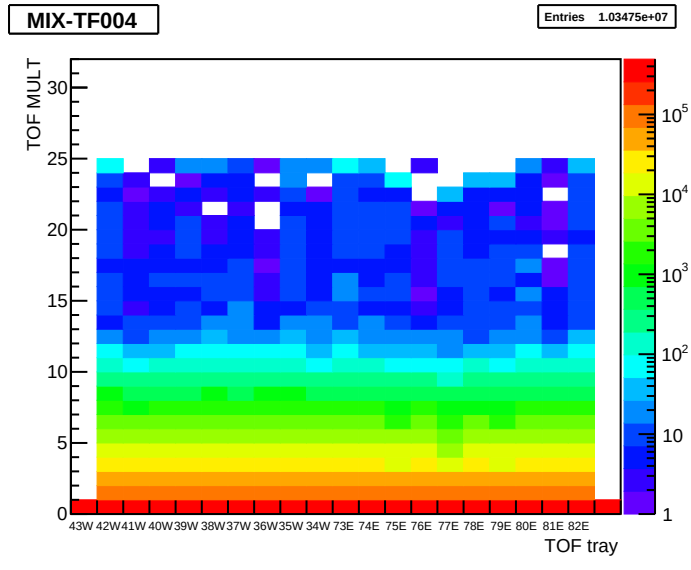

BunchId7Bit (Laser)
Entries 0

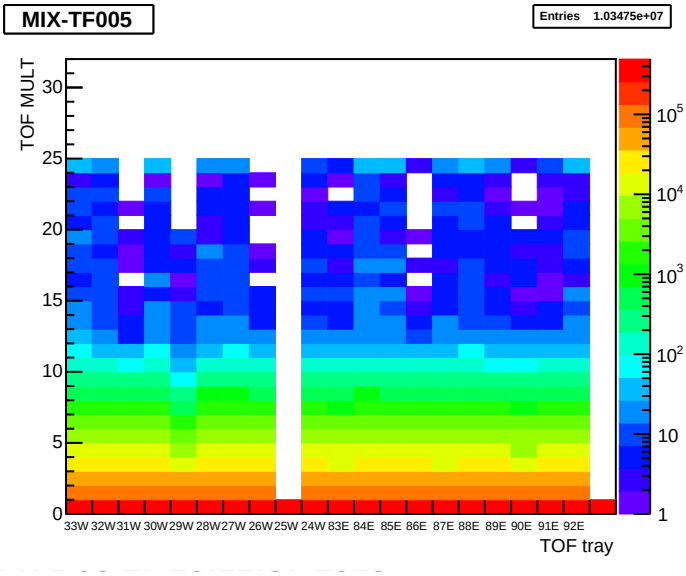

BunchId7Bit (TOFmult window)
Entries 17719

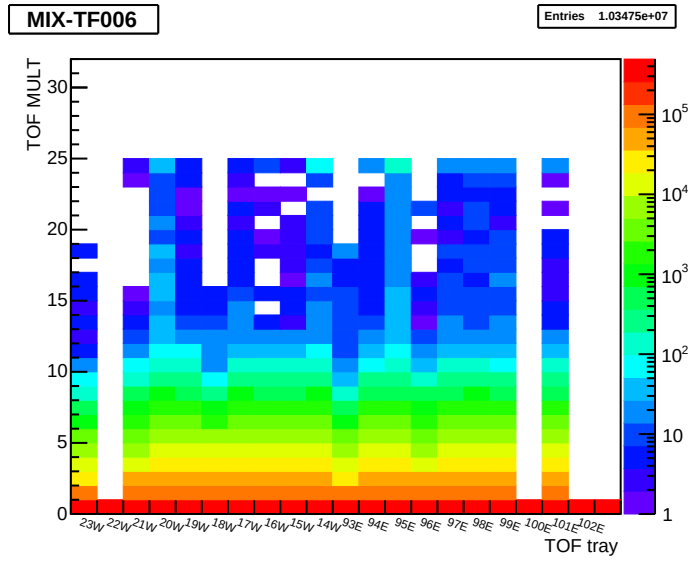

MIX-TF001
Entries 1.03475e+07
TOF MULT
TOF tray

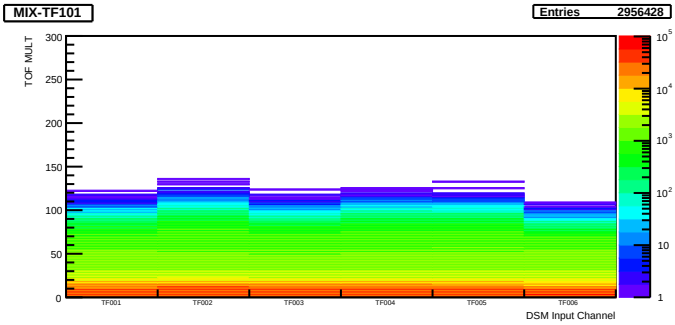

MIX-TF002
Entries 1.03475e+07
TOF MULT
TOF tray

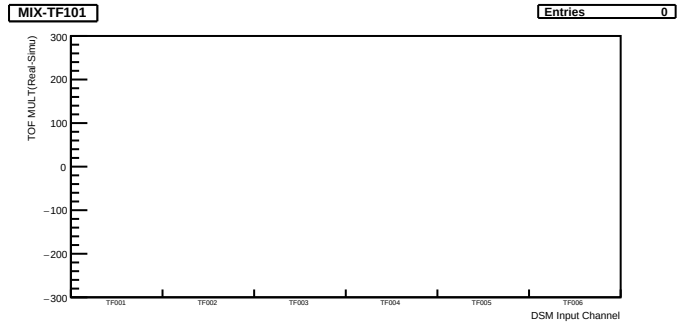

MIX-TF003
Entries 1.03475e+07
TOF MULT
TOF tray

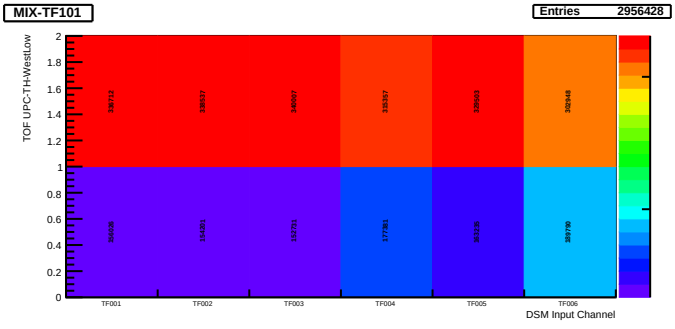

MIX-TF004
Entries 1.03475e+07
TOF MULT
TOF tray

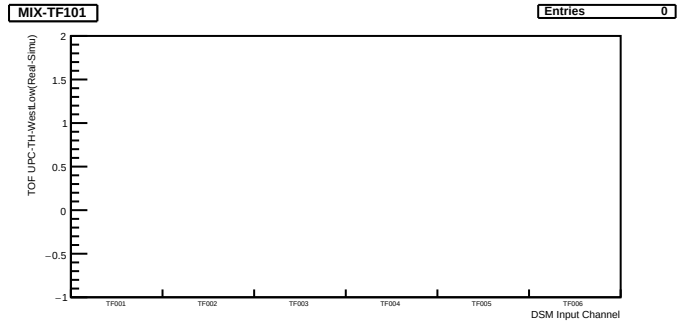

MIX-TF005
Entries 1.03475e+07
TOF MULT
TOF tray

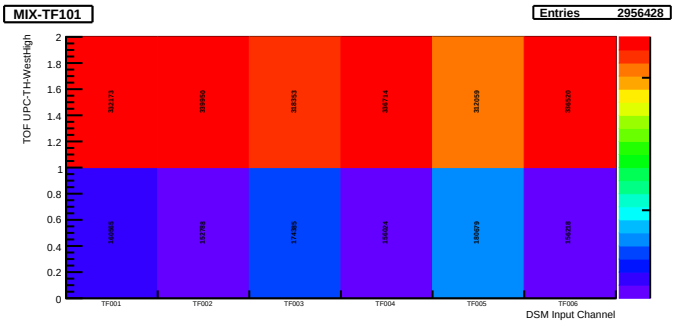

MIX-TF006
Entries 1.03475e+07
TOF MULT
TOF tray

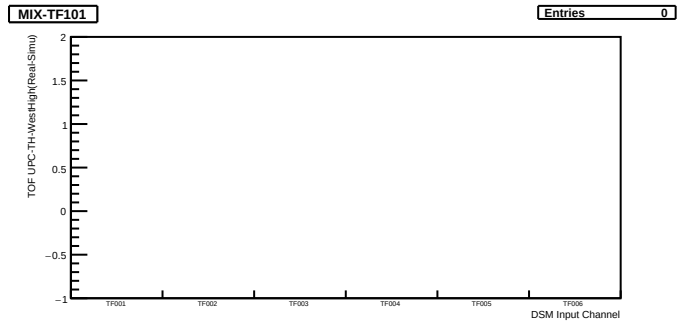

MIX-TF101
Entries 2956428
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

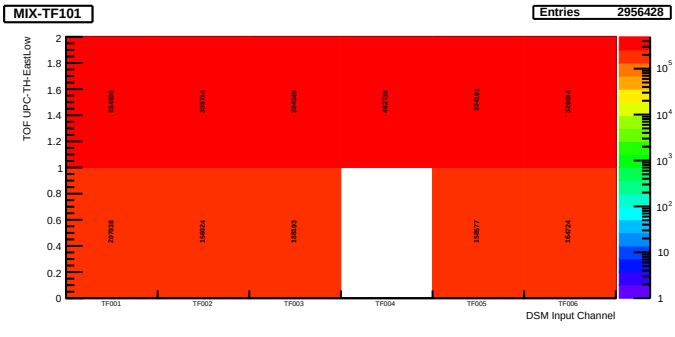

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

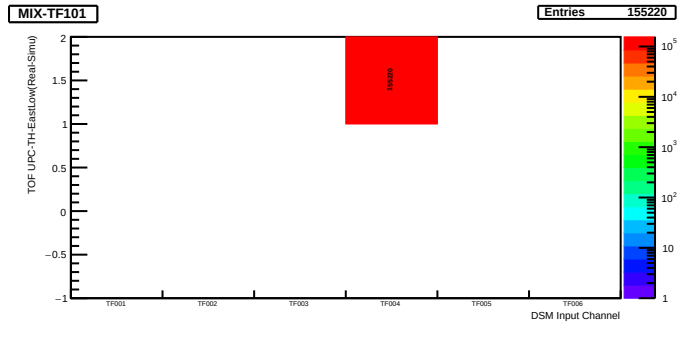

MIX-TF101
Entries 2956428
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

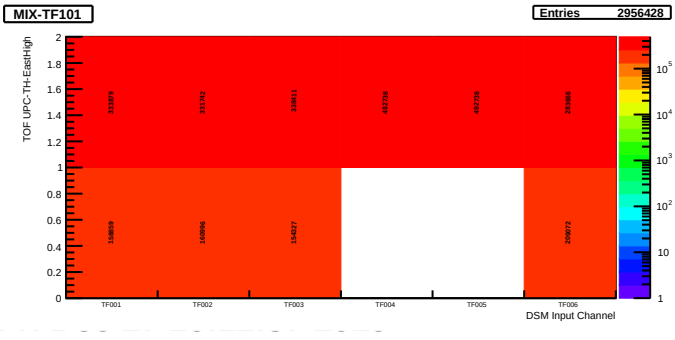

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

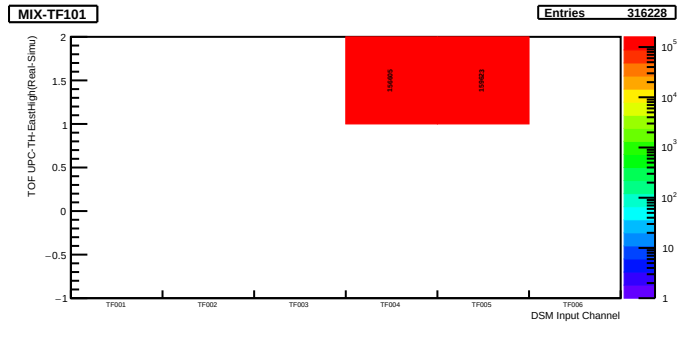

MIX-TF101
Entries 2956428
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

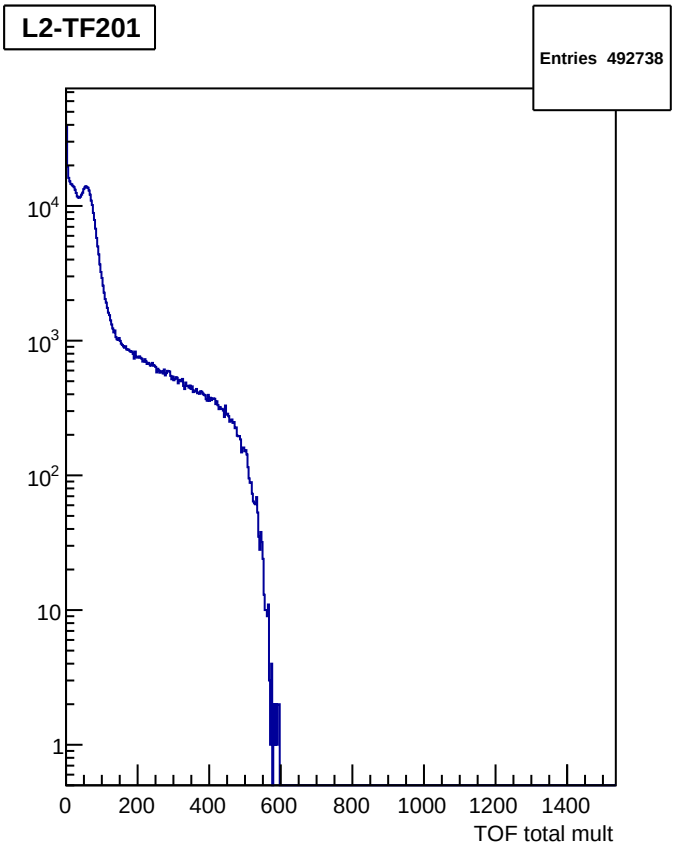

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

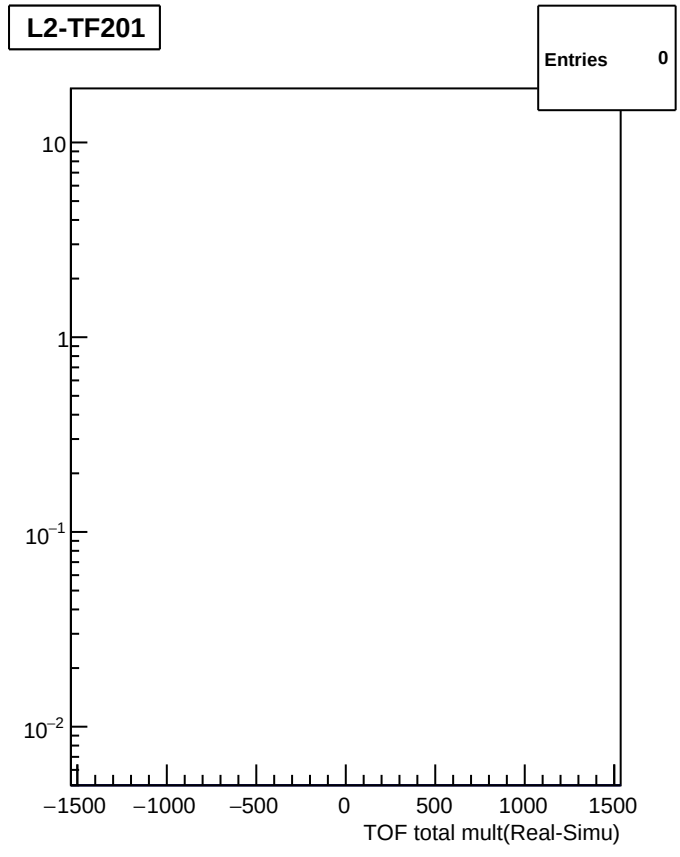

MIX-TF101
Entries 2956428
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

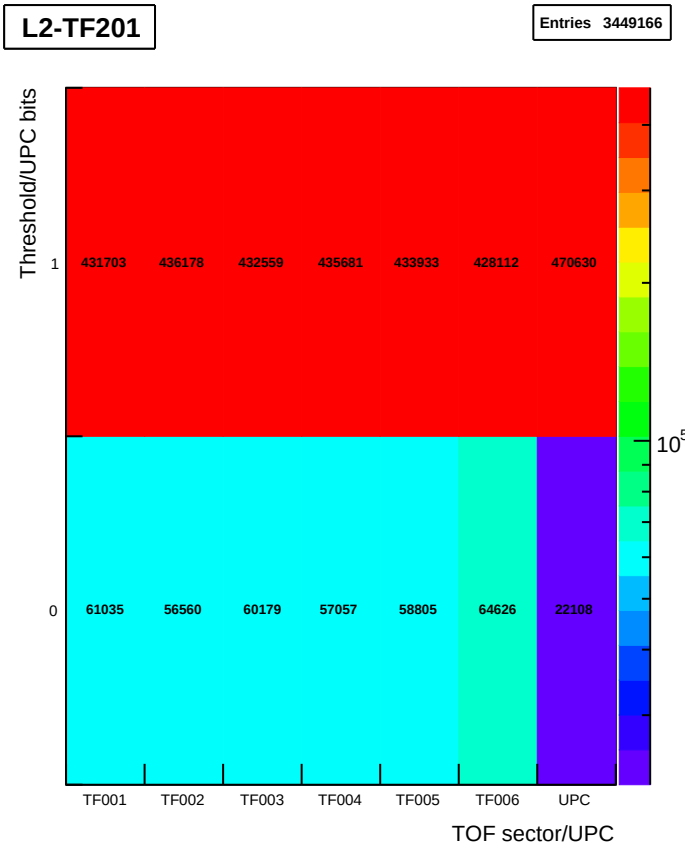

MIX-TF101
Entries 155220
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

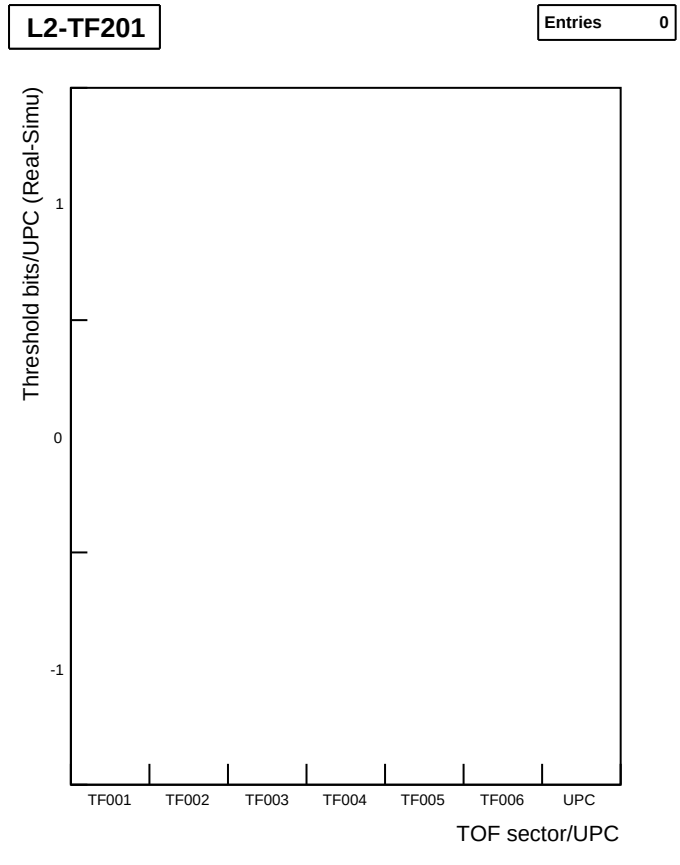

MIX-TF101
Entries 2956428
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

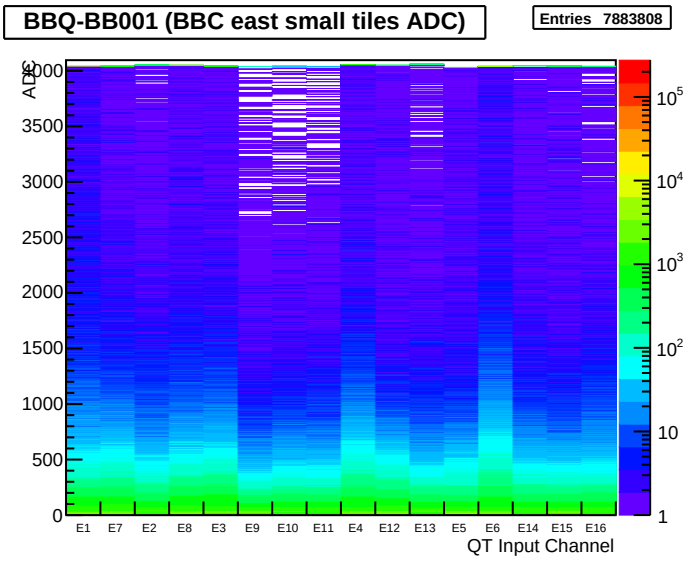

MIX-TF101
Entries 316228
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

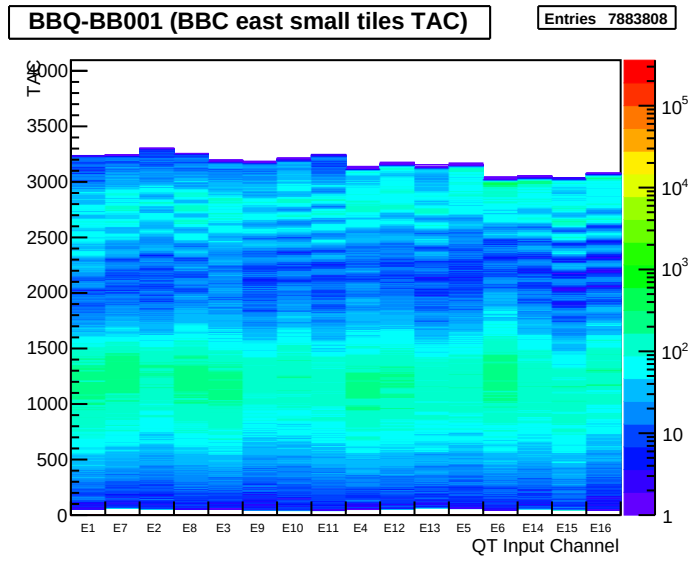

L2-TF201
Entries 492738
TOF total mult

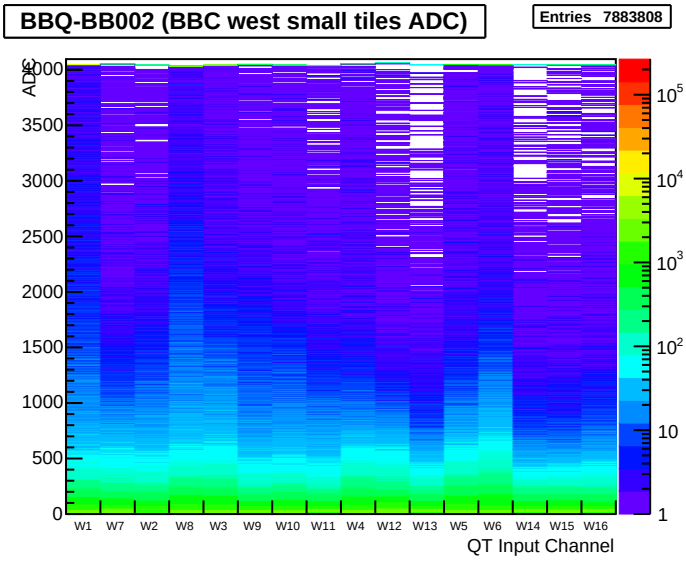

L2-TF201
Entries 0
TOF total mult(Real-Simu)

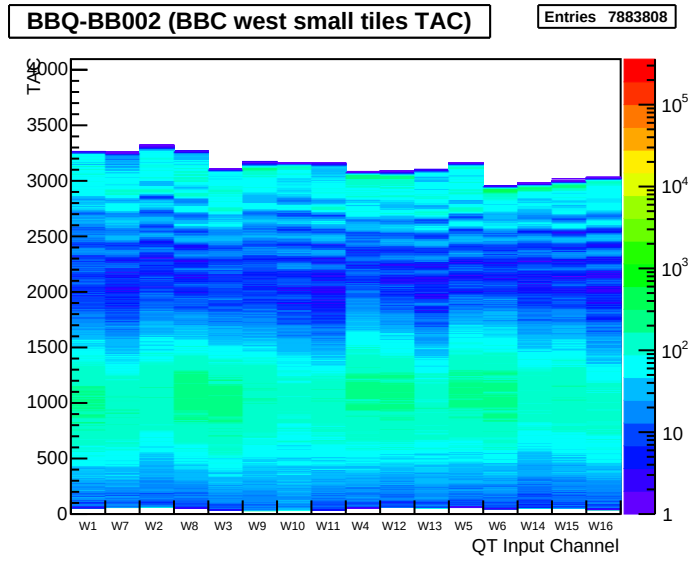

L2-TF201
Entries 3449166
Threshold/UPC bits
431703
436178
432559
435681
433933
428112
470630
61035
56560
60179
57057
58805
64626
22108
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

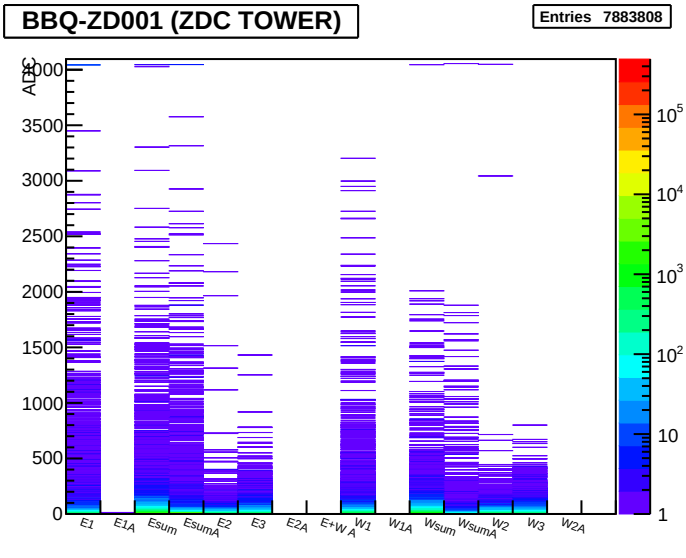

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

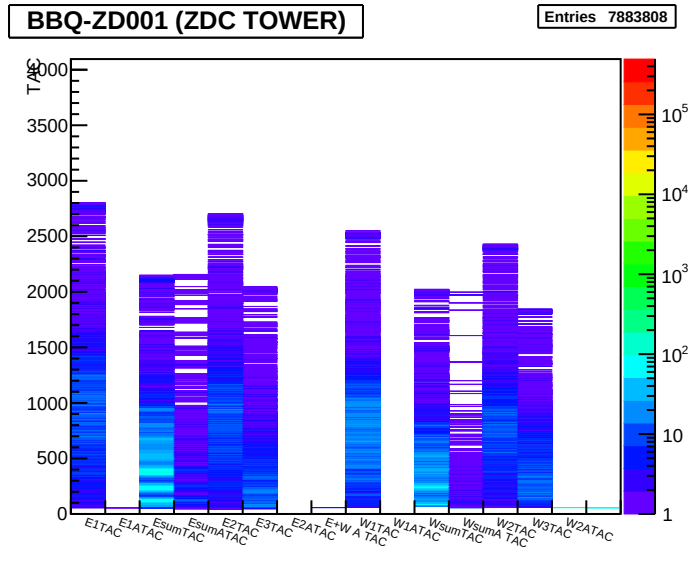

BBQ-BB001 (BBC east small tiles ADC)
Entries 7883808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

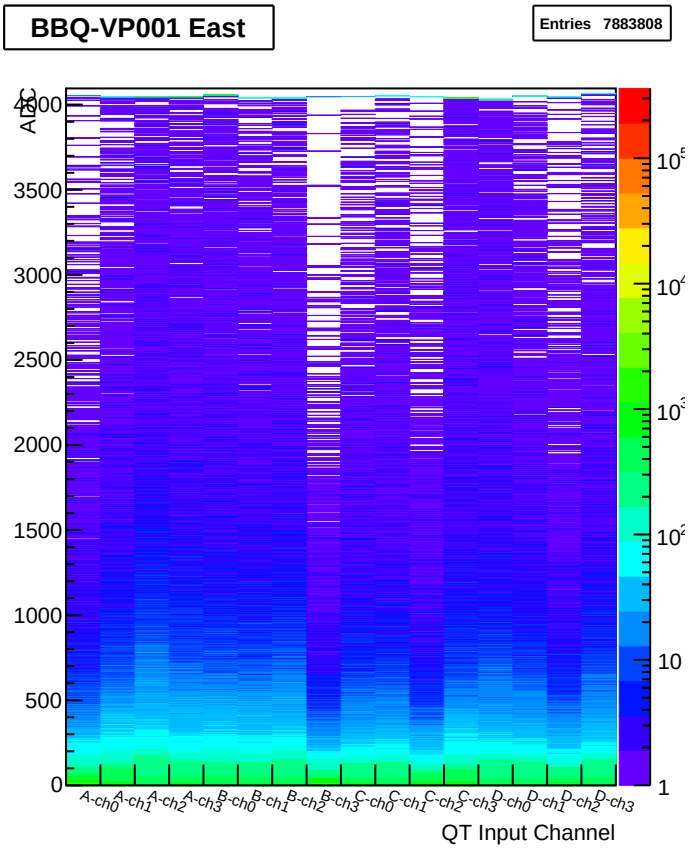

BBQ-BB001 (BBC east small tiles TAC)
Entries 7883808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

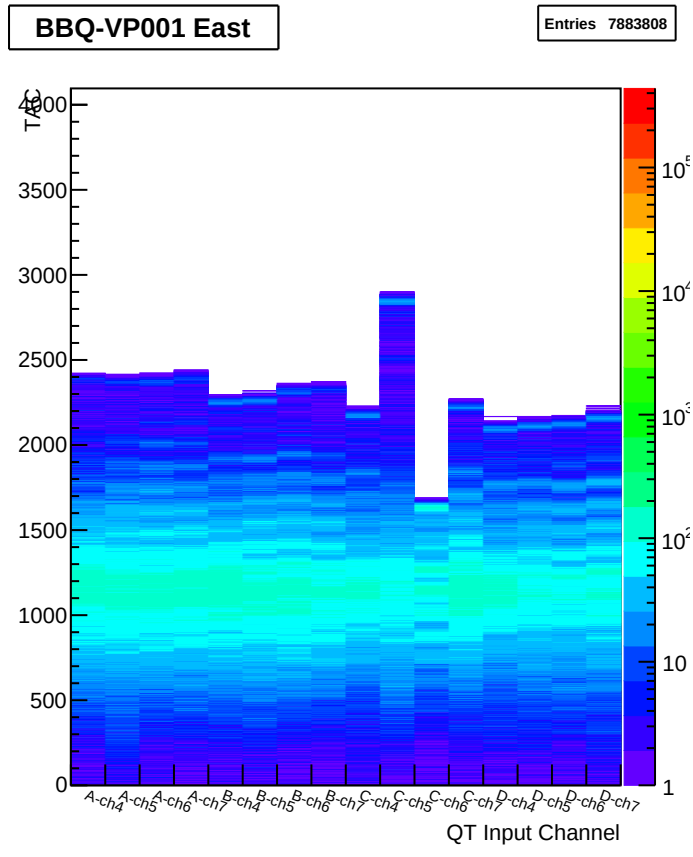

BBQ-BB002 (BBC west small tiles ADC)
Entries 7883808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

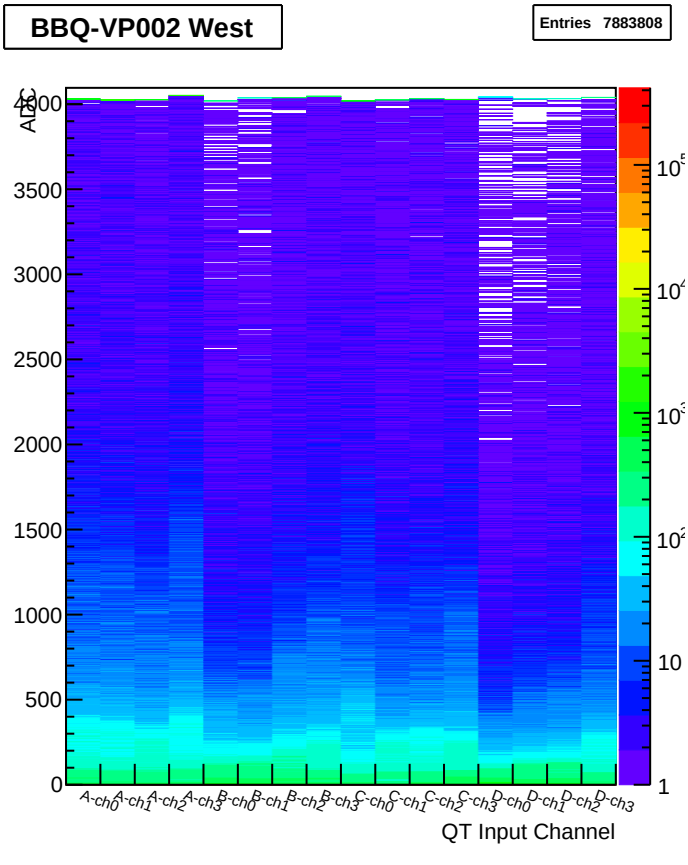

BBQ-BB002 (BBC west small tiles TAC)
Entries 7883808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

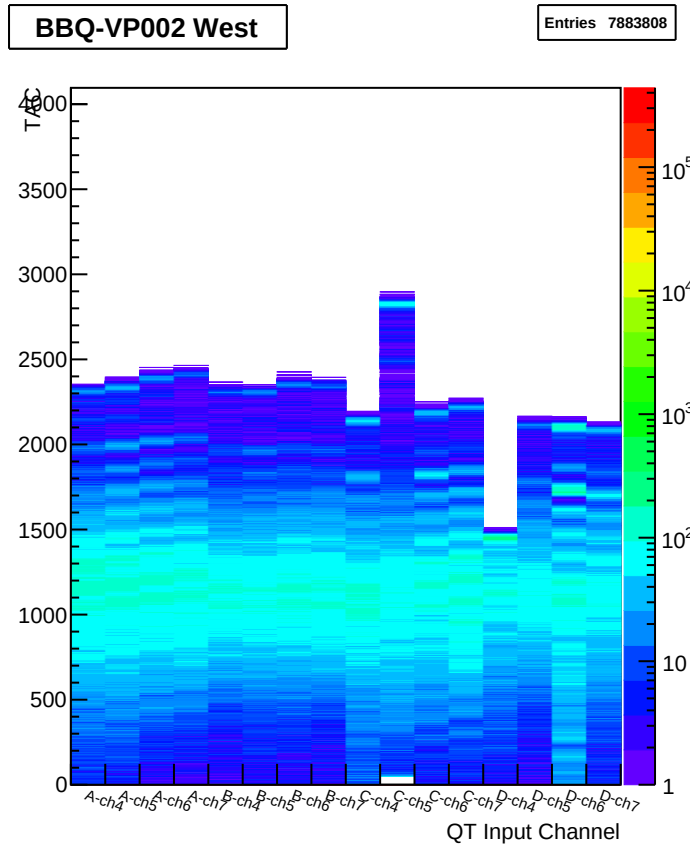

BBQ-ZD001 (ZDC TOWER)
Entries 7883808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

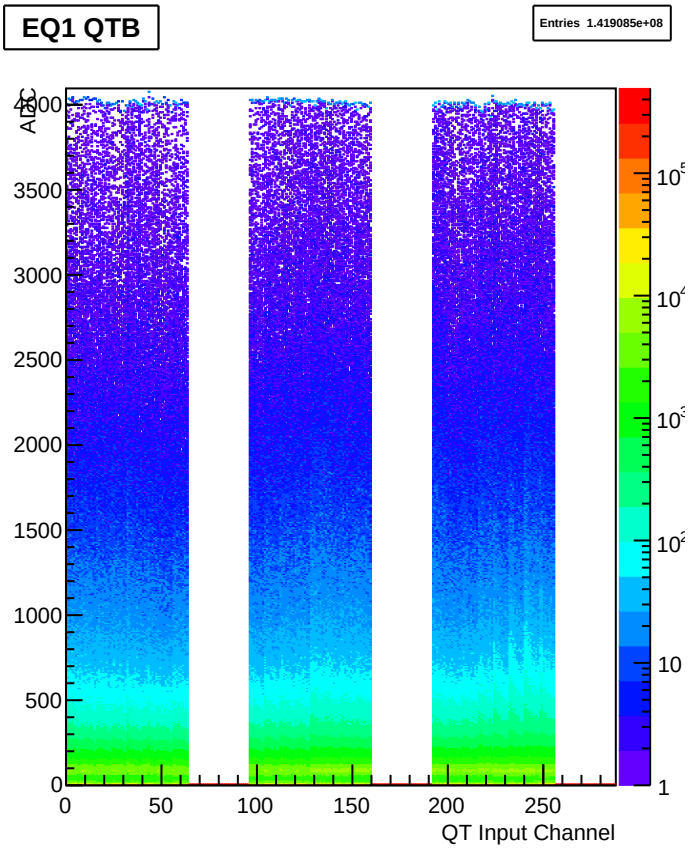

BBQ-ZD001 (ZDC TOWER)
Entries 7883808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

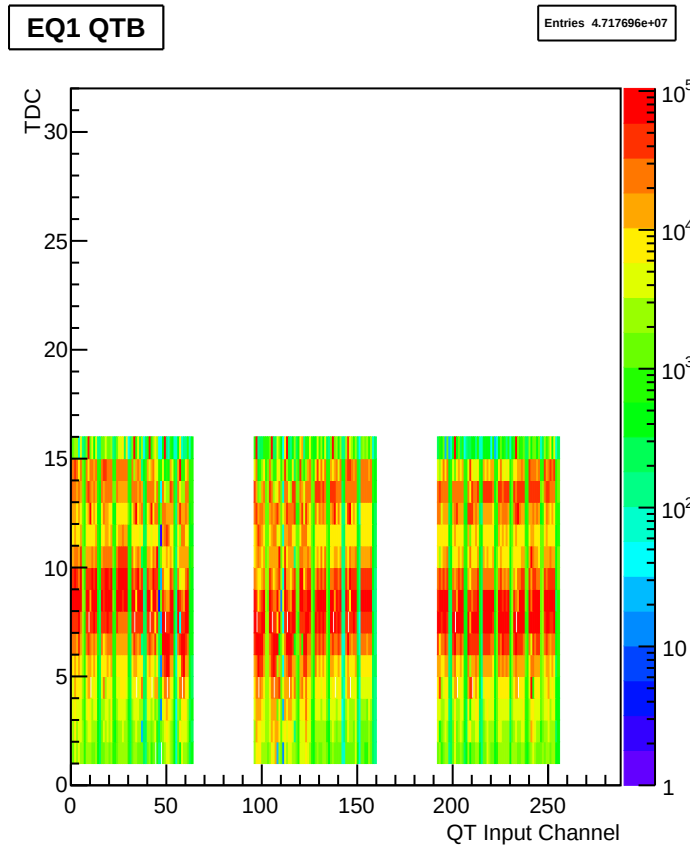

BBQ-VP001 East
Entries 7883808
ADC
QT Input Channel

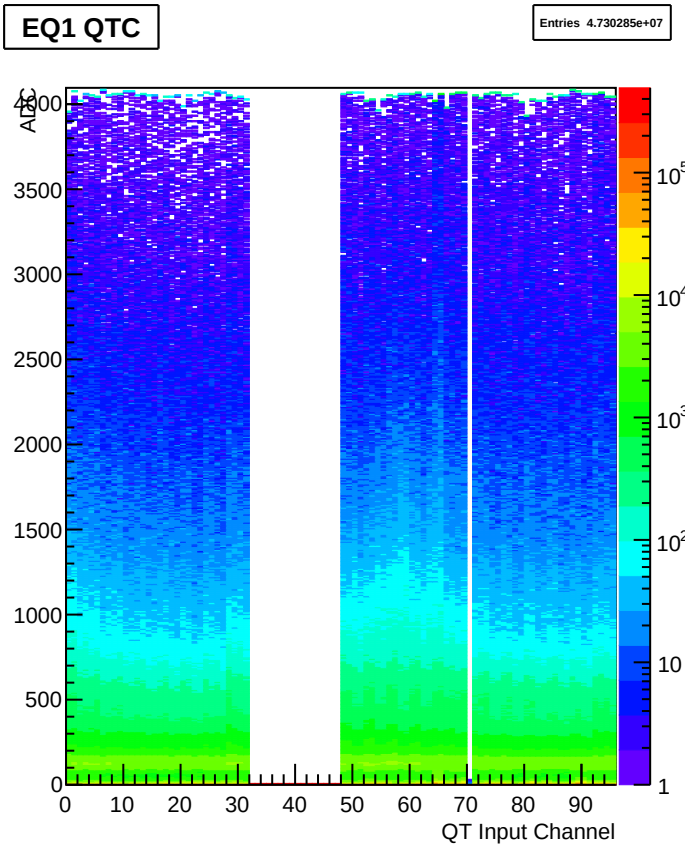

BBQ-VP001 East
Entries 7883808
ADC
QT Input Channel

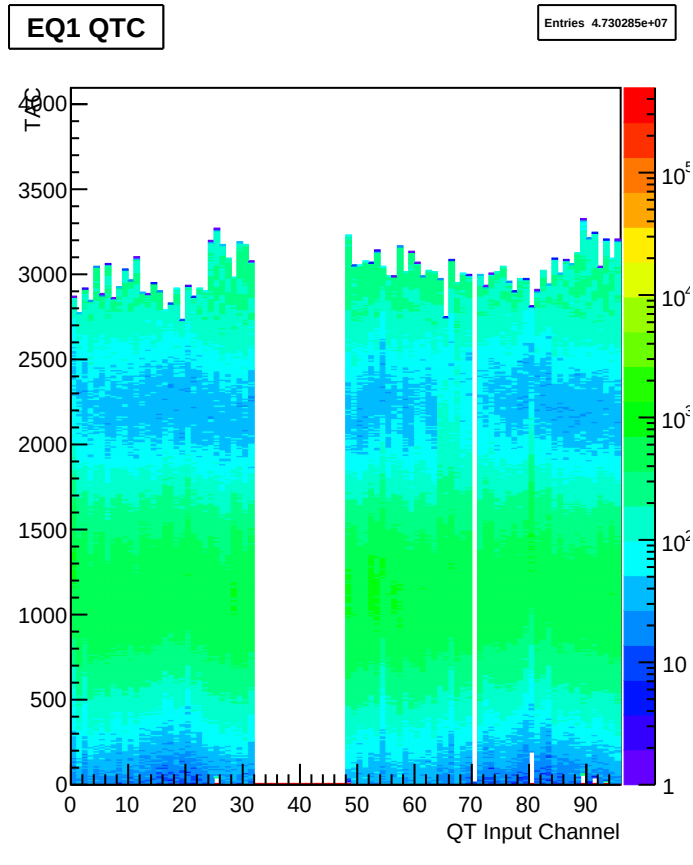

BBQ-VP002 West
Entries 7883808
ADC
QT Input Channel

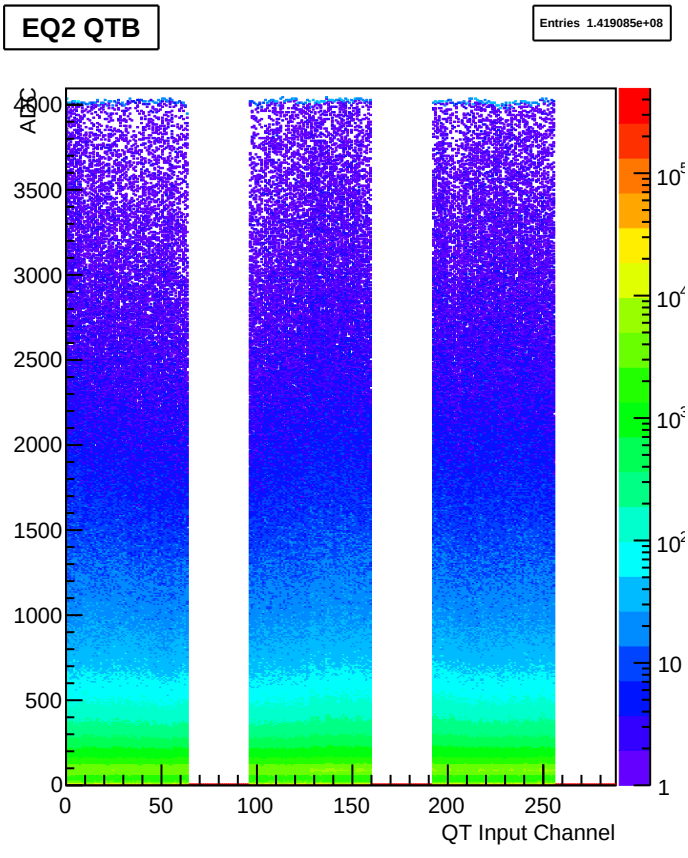

BBQ-VP002 West
Entries 7883808
ADC
QT Input Channel

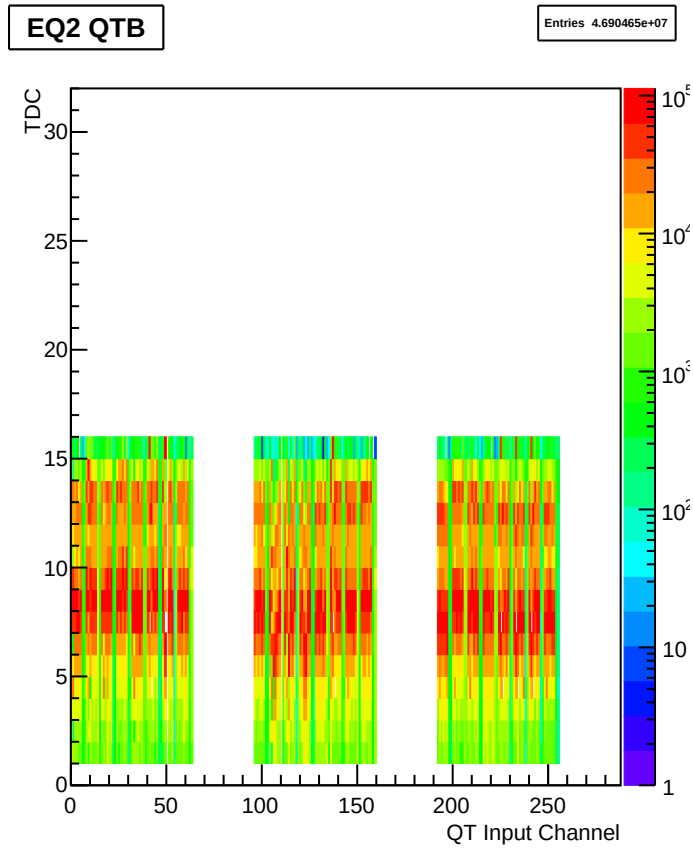

EQ1 QTB
Entries 1.419085e+08
ADC
QT Input Channel

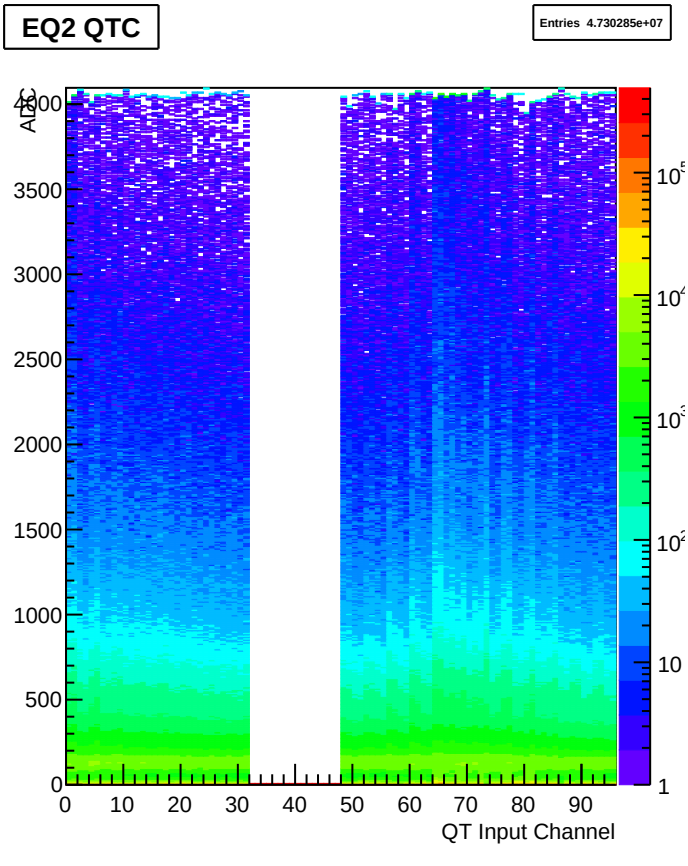

EQ1 QTB
Entries 4.717696e+07
TDC
QT Input Channel

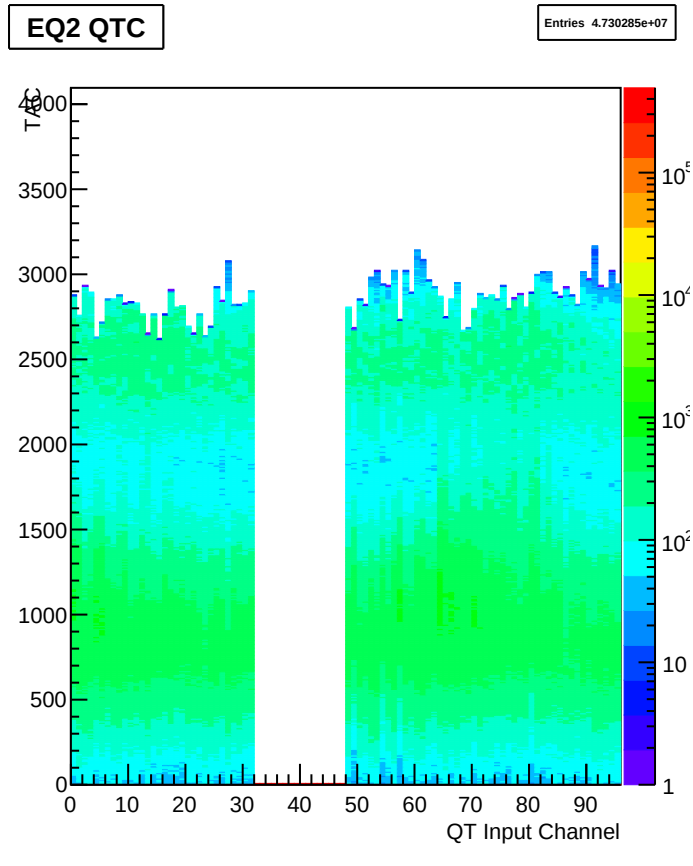

EQ1 QTC
Entries 4.730285e+07
ADC
QT Input Channel

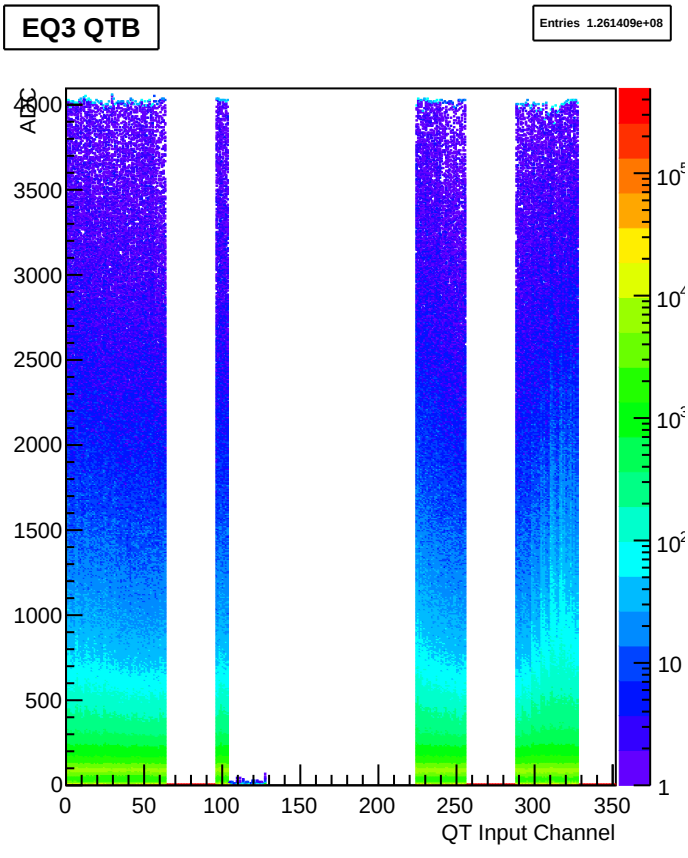

EQ1 QTC
Entries 4.730285e+07
TADC
QT Input Channel

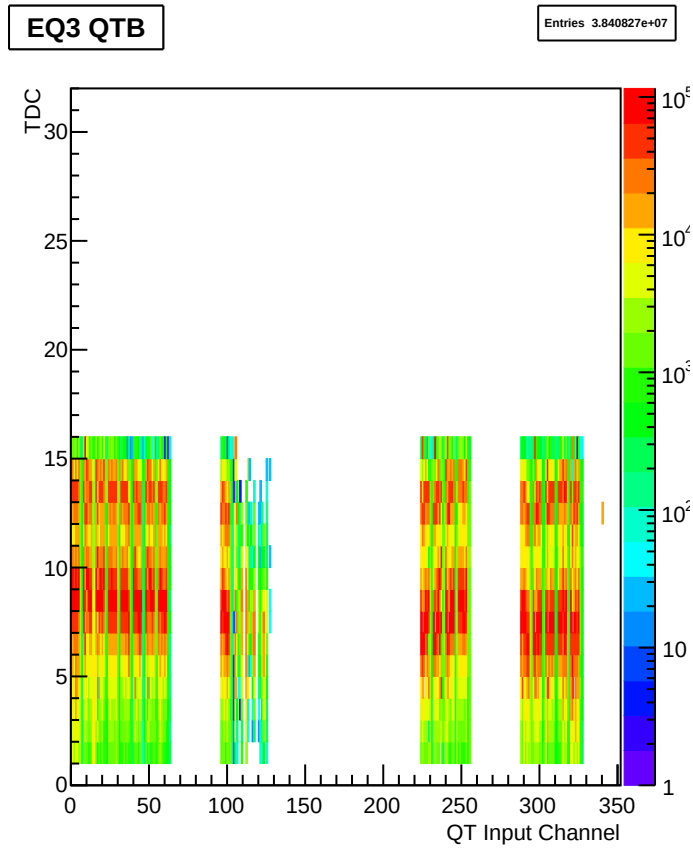

EQ2 QTB
Entries 1.419085e+08
ADC
QT Input Channel

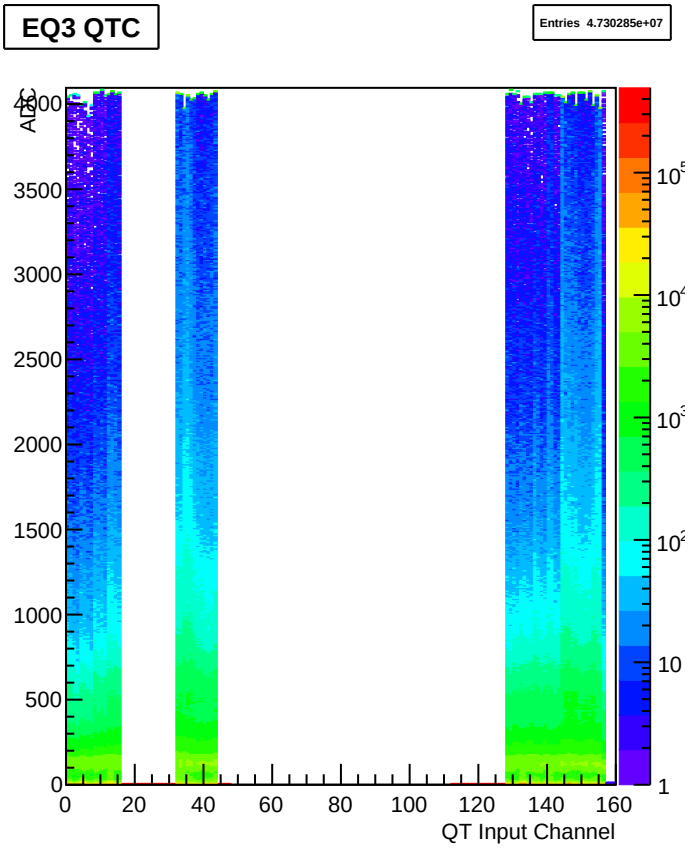

EQ2 QTB
Entries 4.690465e+07
TDC
QT Input Channel

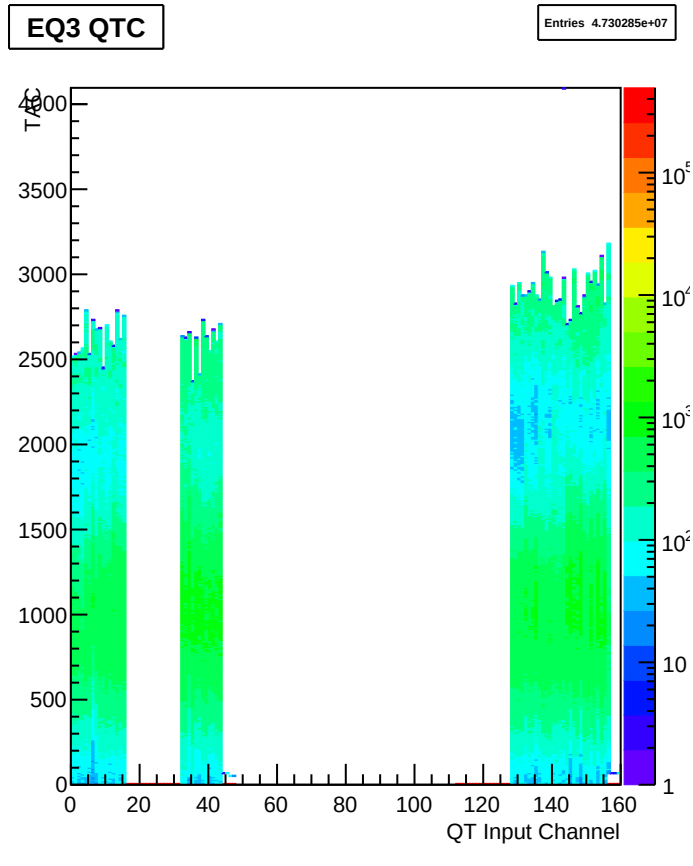

EQ2 QTC
Entries 4.730285e+07
ADC
QT Input Channel

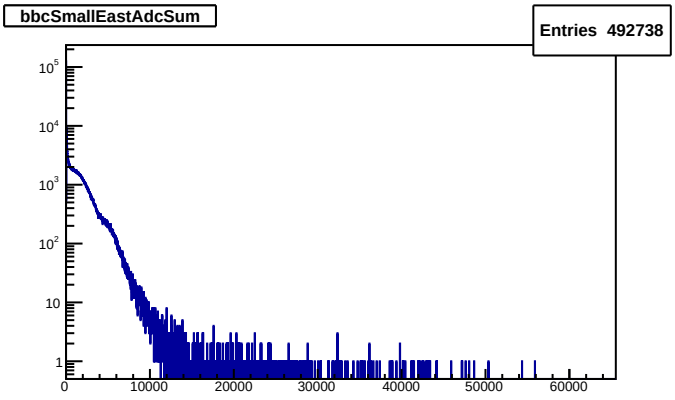

EQ2 QTC
Entries 4.730285e+07
TADC
QT Input Channel

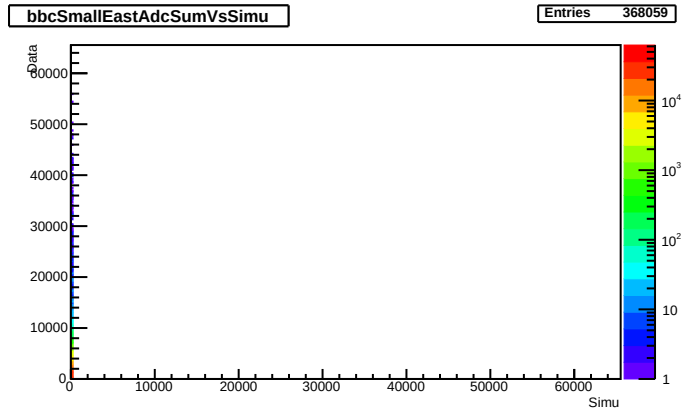

EQ3 QTB
Entries 1.261409e+08
ADC
QT Input Channel

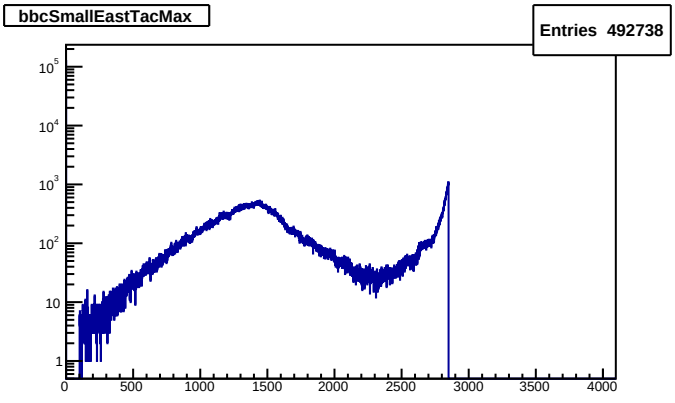

EQ3 QTB
Entries 3.840827e+07
TDC
QT Input Channel

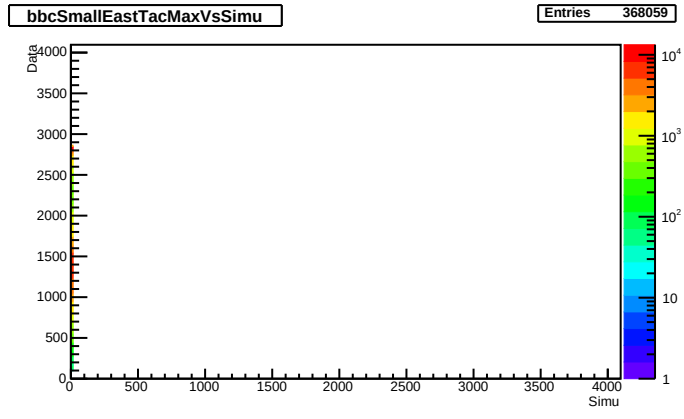

EQ3 QTC
Entries 4.730285e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.730285e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 492738


bbcSmallEastAdcSumVsSimu
Entries 368059
Data
Simu


bbcSmallEastTacMax
Entries 492738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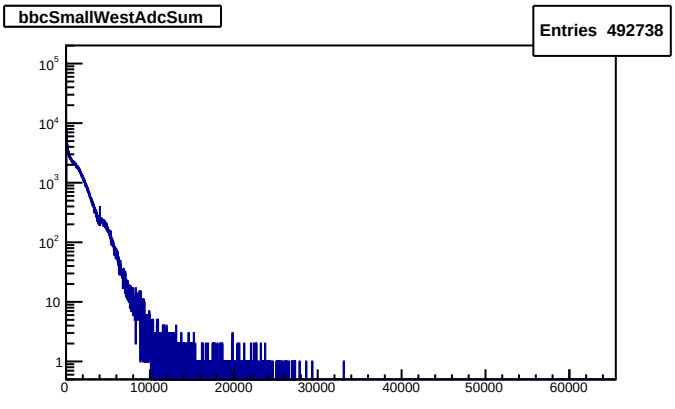
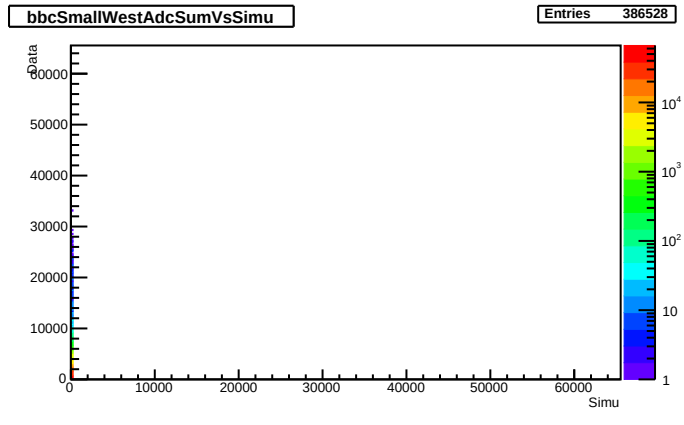
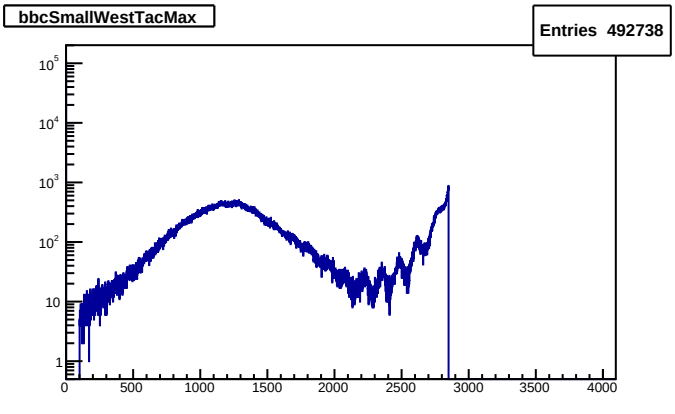
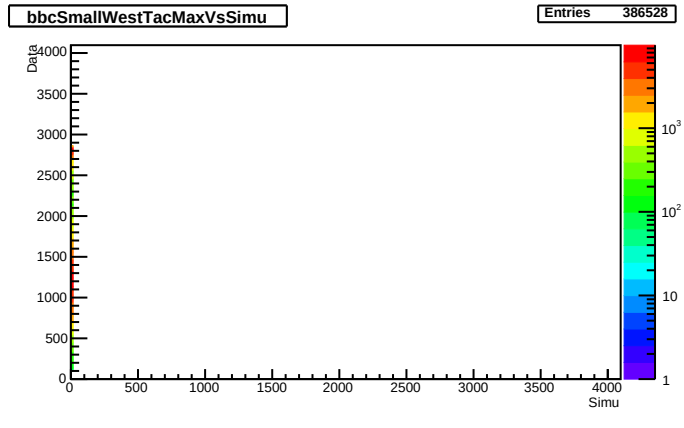
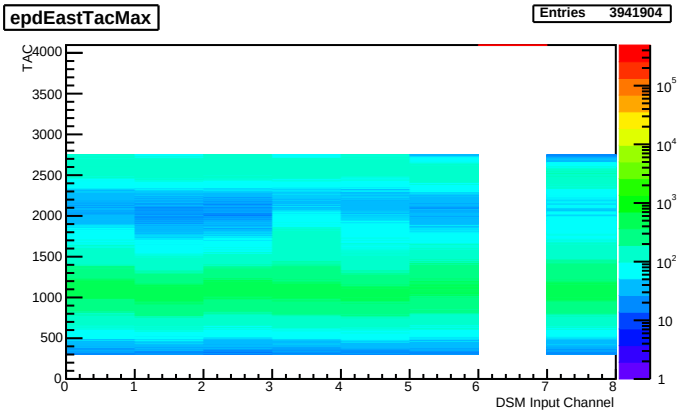
Entries 368059
Data
Simu

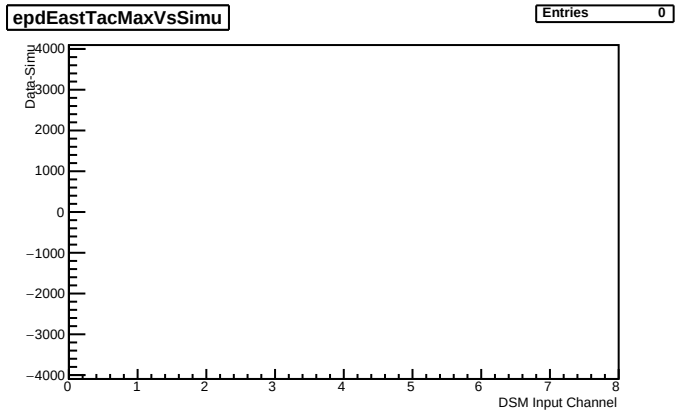

bbcSmallWestAdcSum
Entries 492738

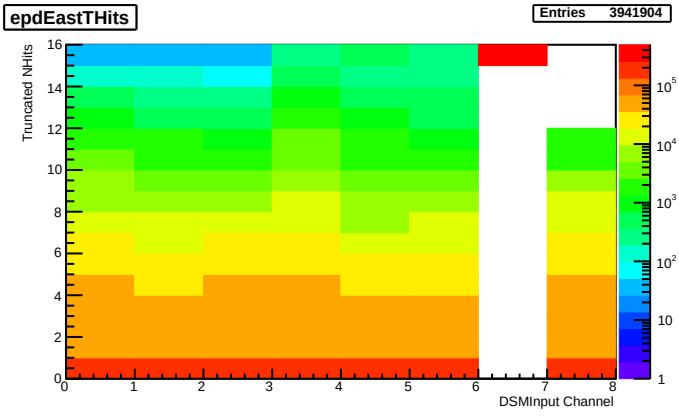

bbcSmallWestAdcSumVsSimu
Entries 386528
Data
Simu

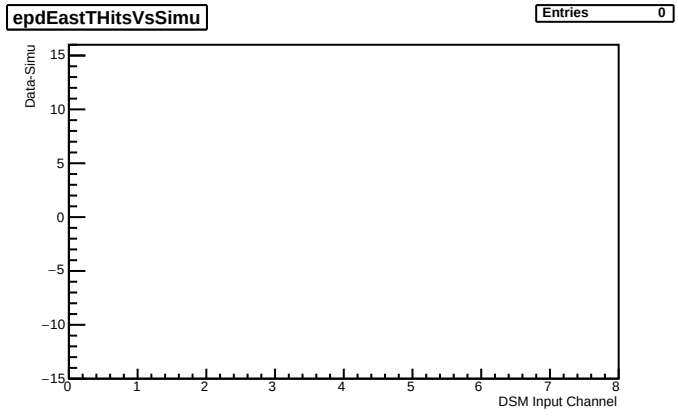

bbcSmallWestTacMax
Entries 492738


bbcSmallWestTacMaxVsSimu
Entries 386528
Data
Simu


epdEastTacMax
Entries 3941904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3941904
Truncated NHits
DSMInput Channel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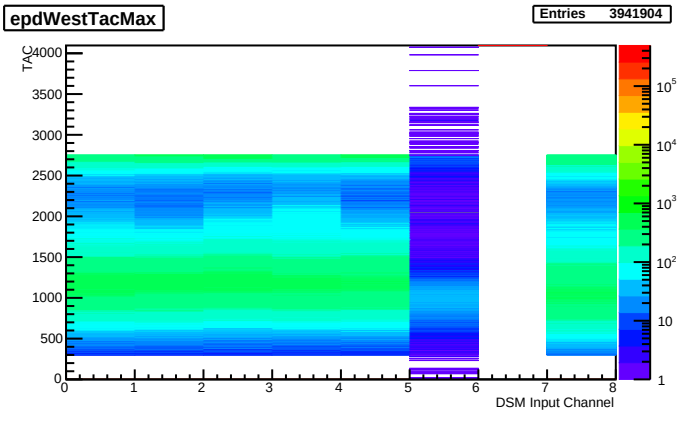
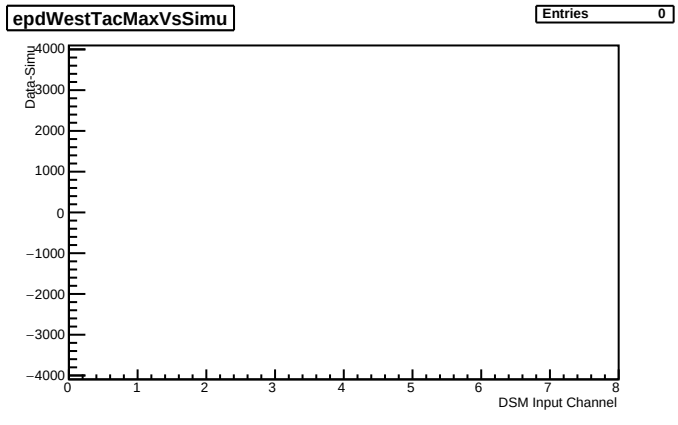
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3941904
TAC
DSM Input Channel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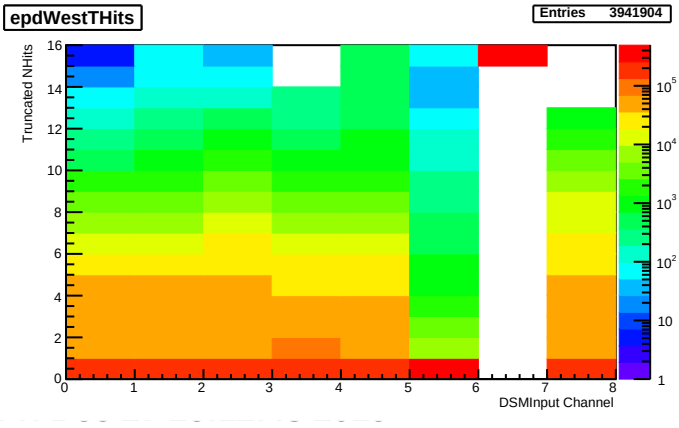
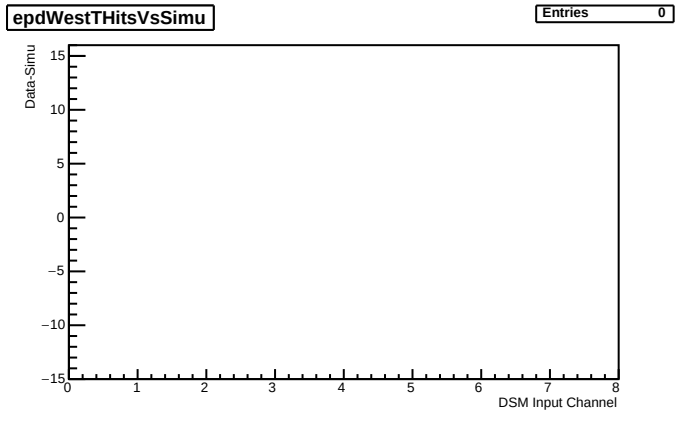
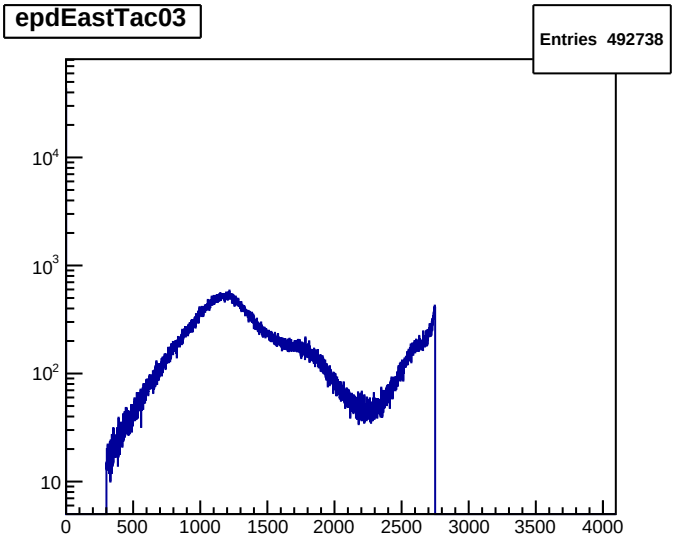
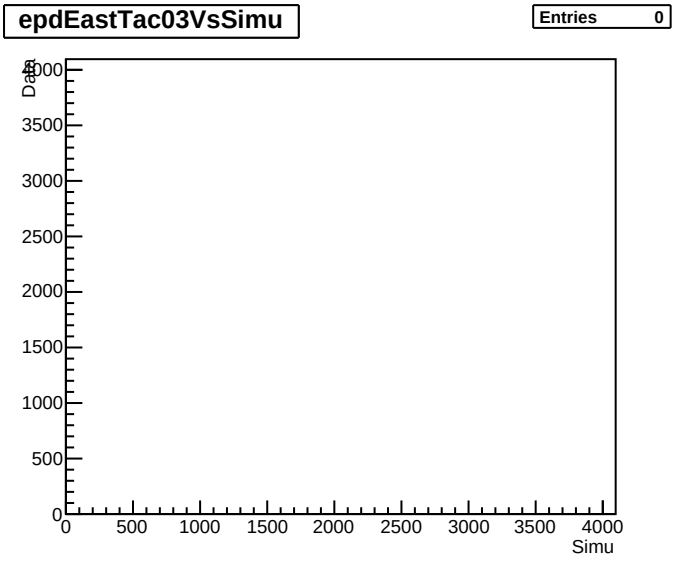
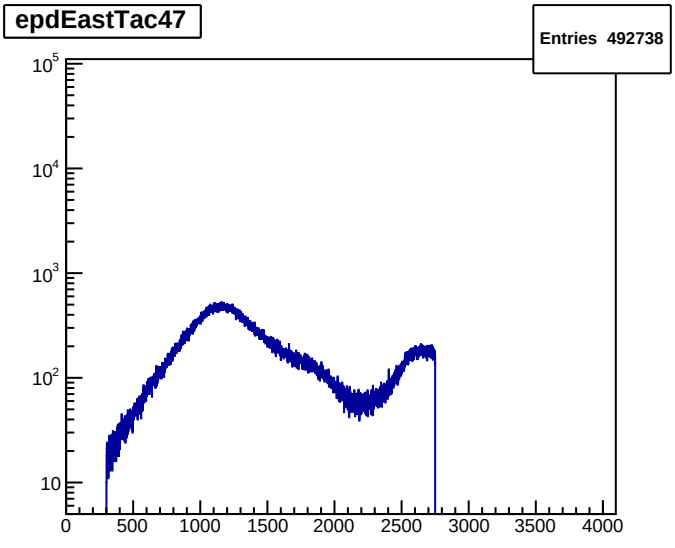
Entries 0
Data-Simu
DSM Input Channel

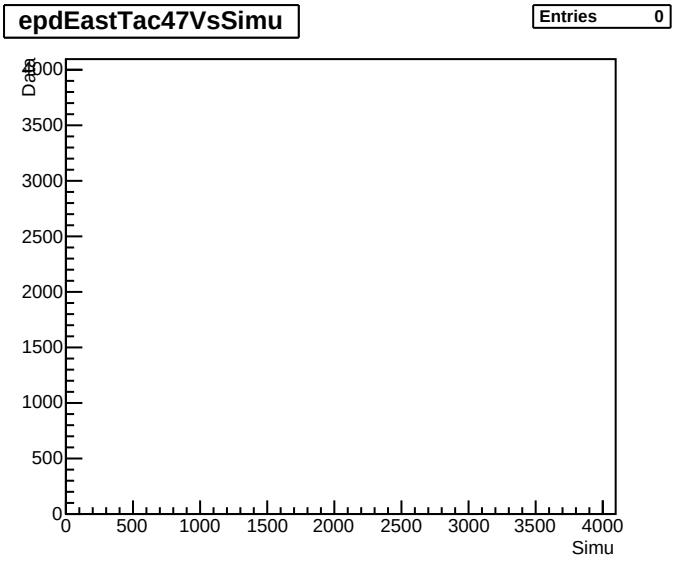

epdWestTHits
Entries 3941904
Truncated NHits
DSMInput Channel

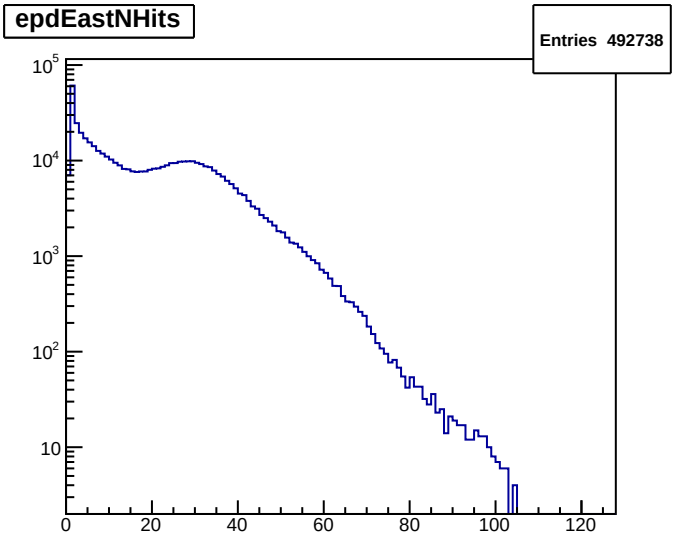

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

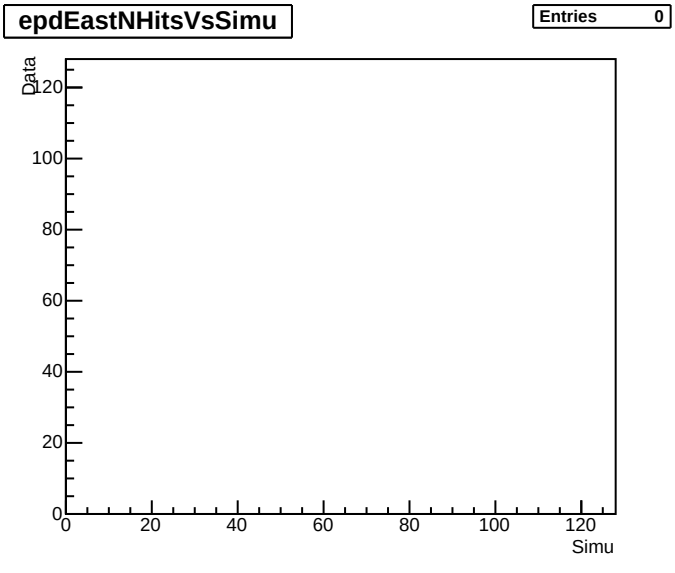

epdEastTac03
Entries 492738


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 492738


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 492738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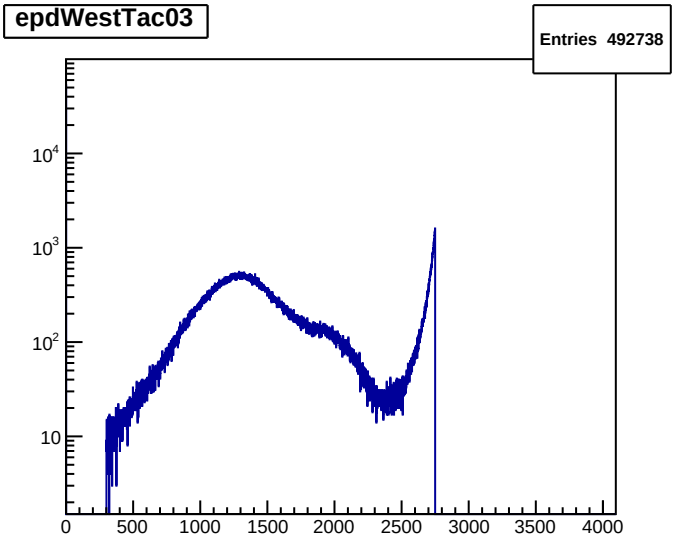
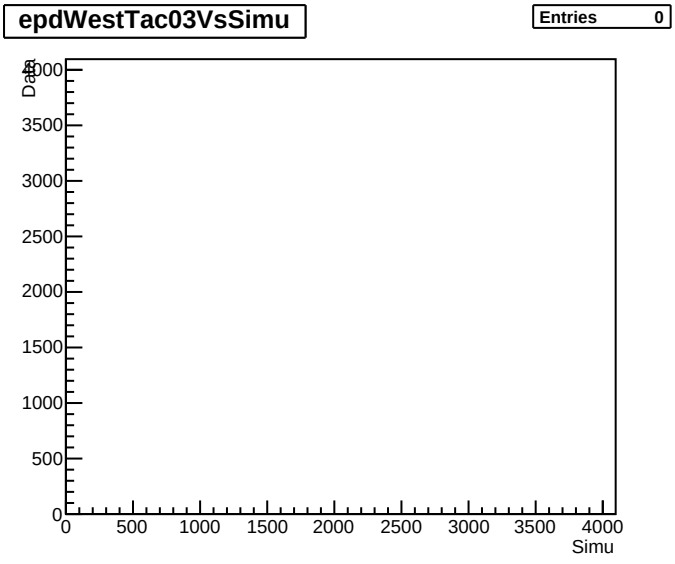
Entries 0
Data
Simu


epdWestTac03
Entries 492738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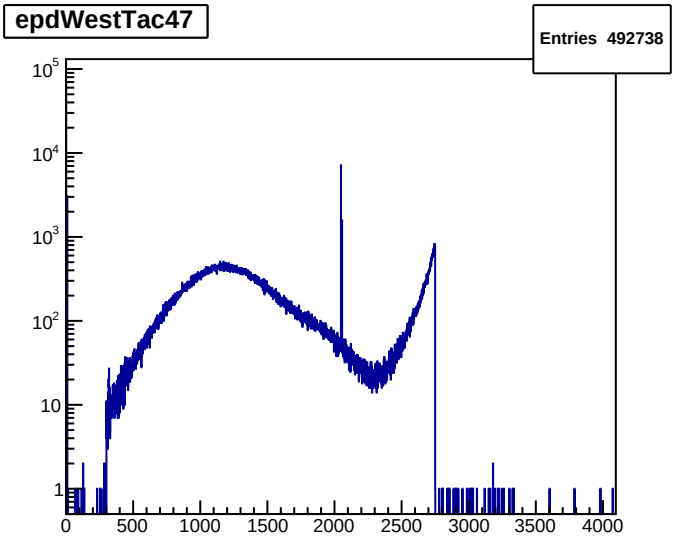
Entries 0
Data
Simu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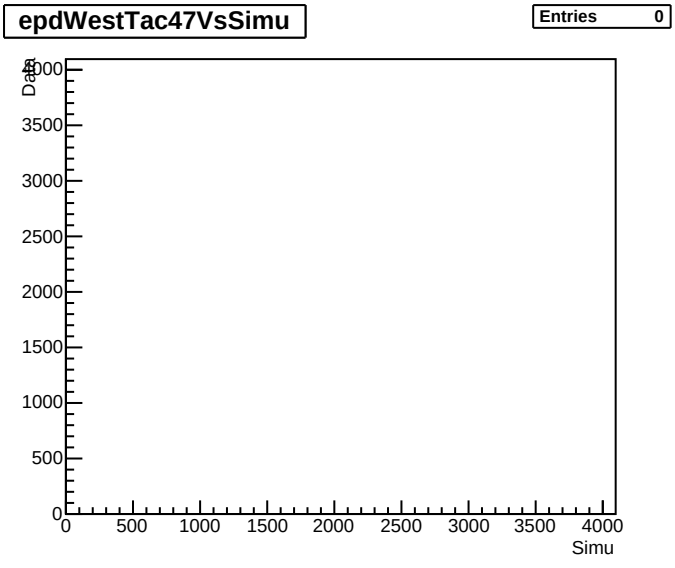
Entries 492738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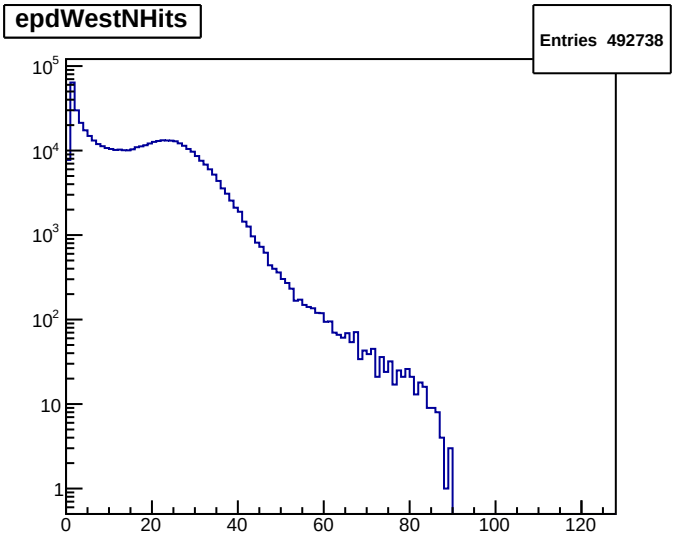
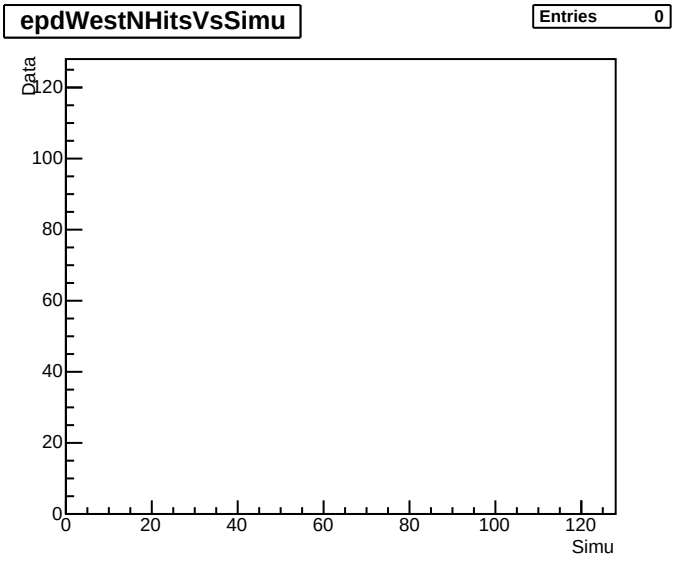
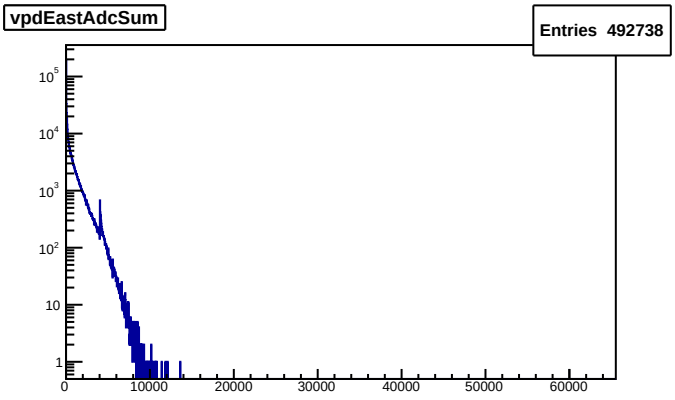
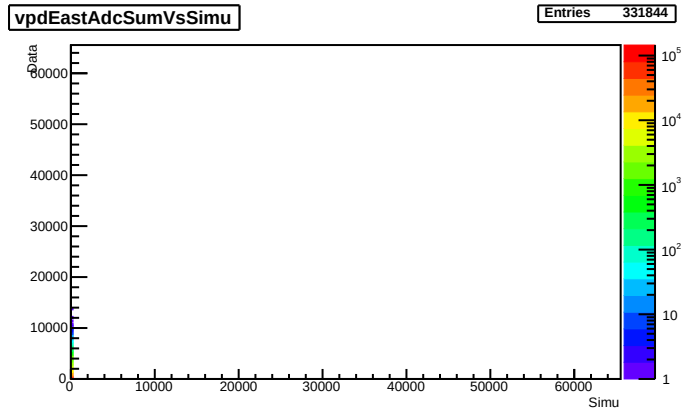
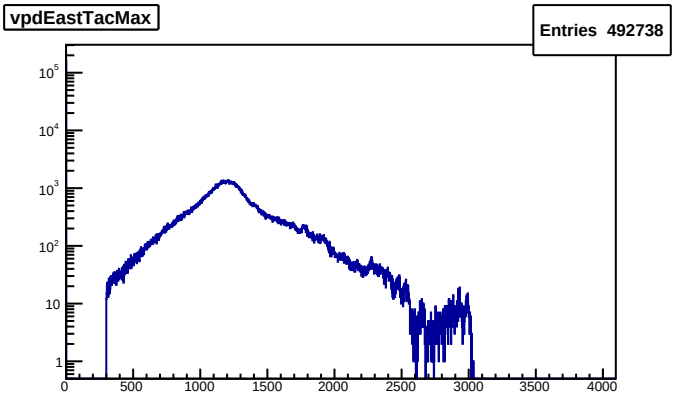
Entries 0
Data
Simu

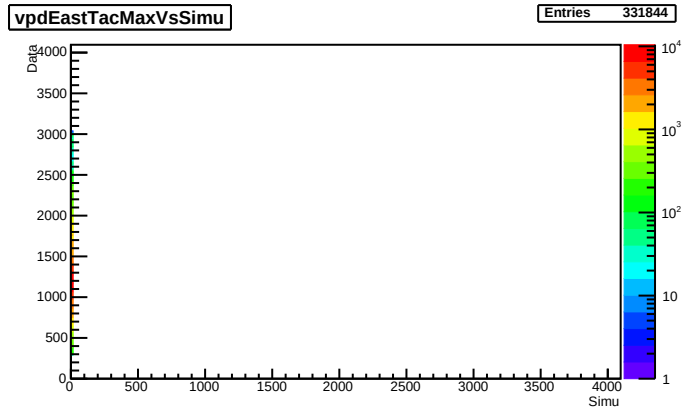

epdWestNHits
Entries 492738


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 492738


vpdEastAdcSumVsSimu
Entries 331844
Data
Simu


vpdEastTacMax
Entries 492738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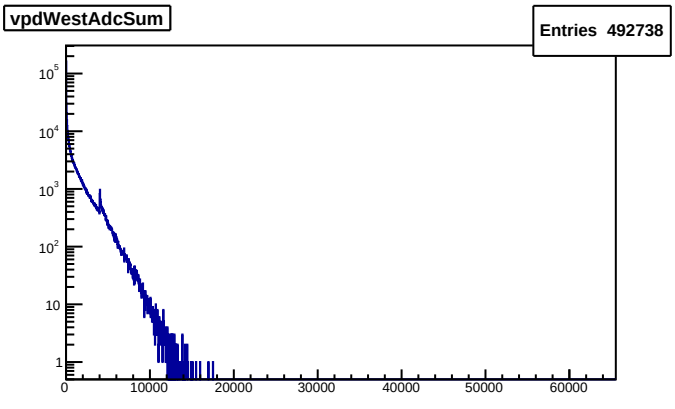
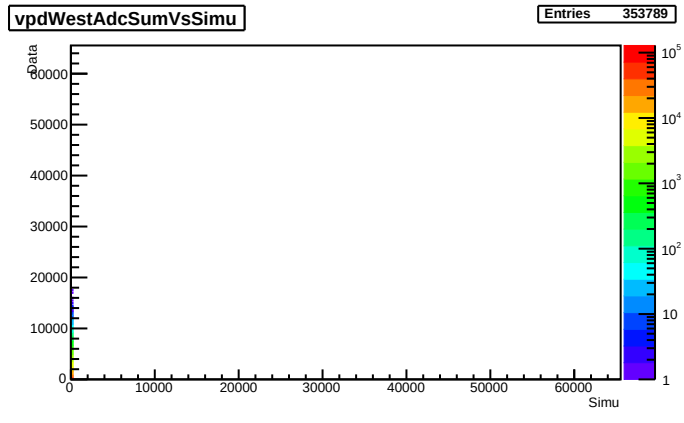
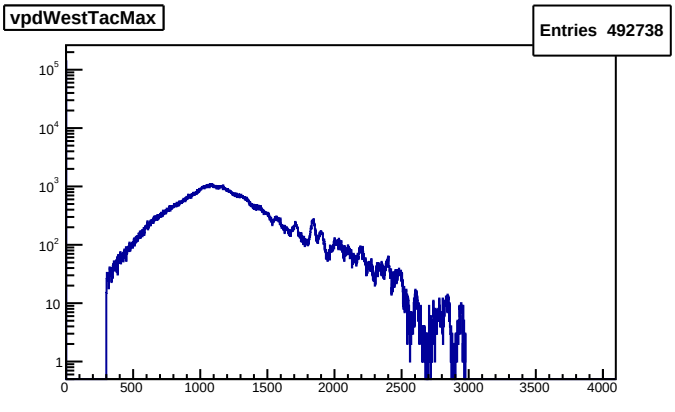
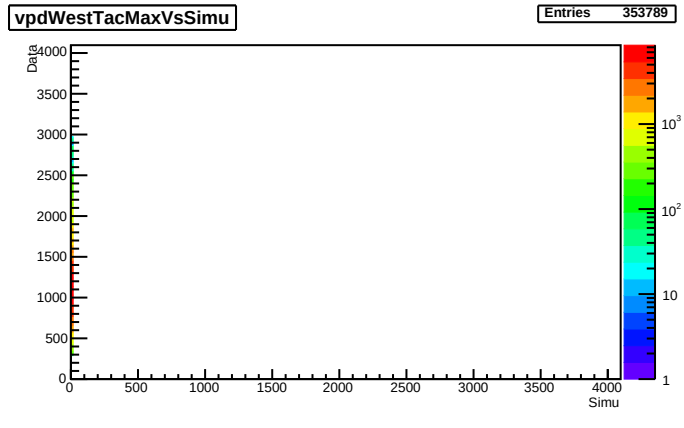
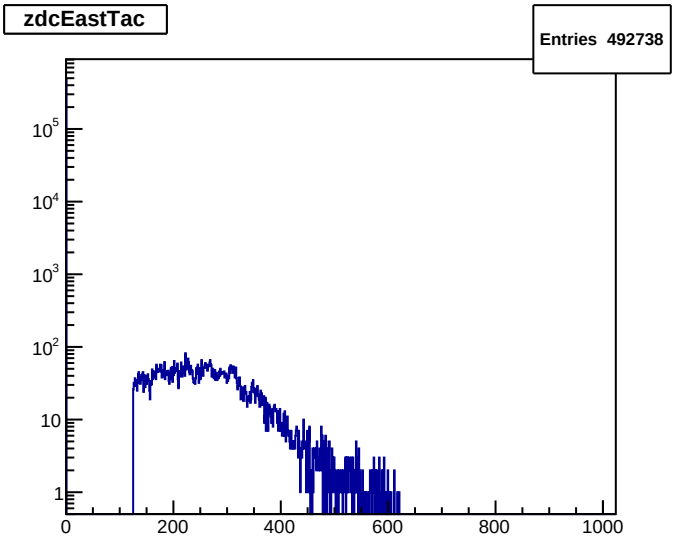
Entries 331844
Data
Simu

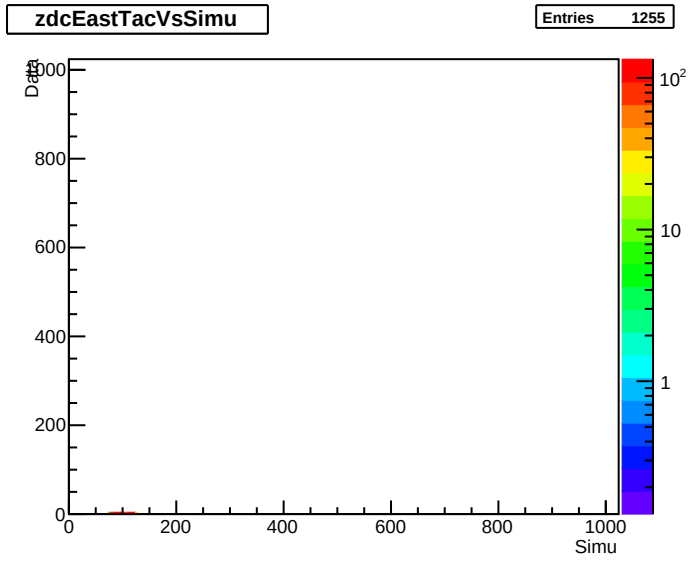

vpdWestAdcSum
Entries 492738

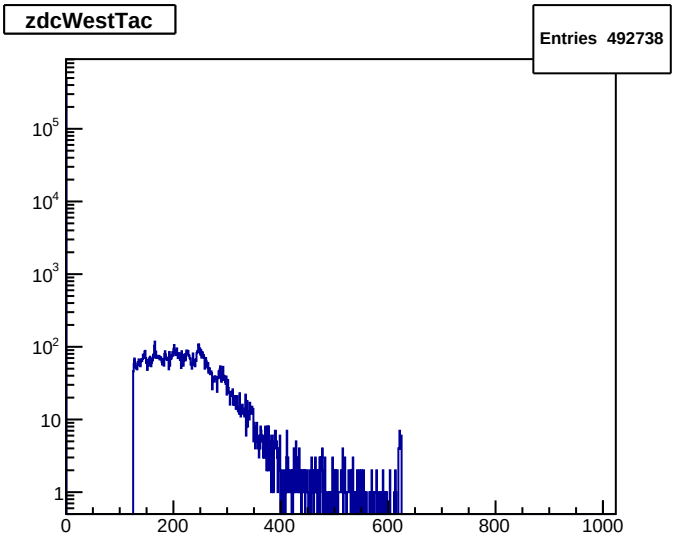

vpdWestAdcSumVsSimu
Entries 353789
Data
Simu

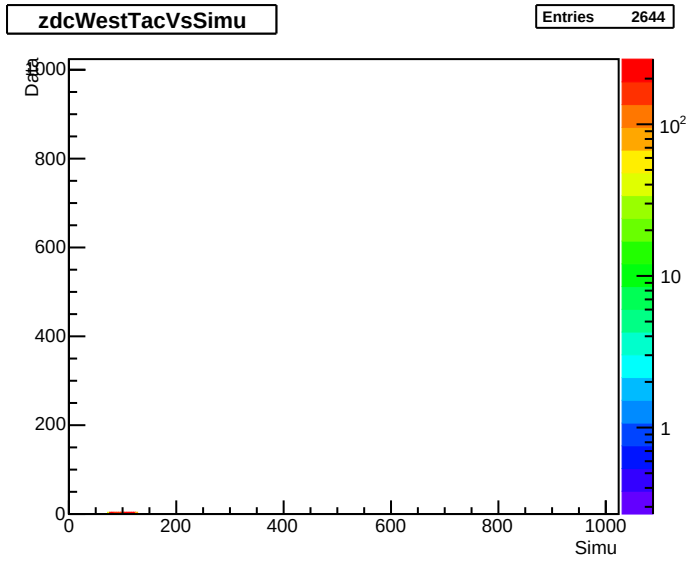

vpdWestTacMax
Entries 492738

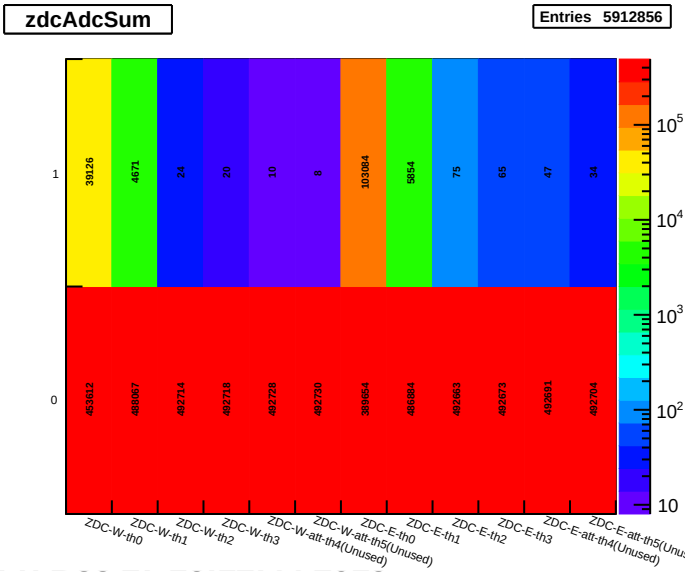

vpdWestTacMaxVsSimu
Entries 353789
Data
Simu

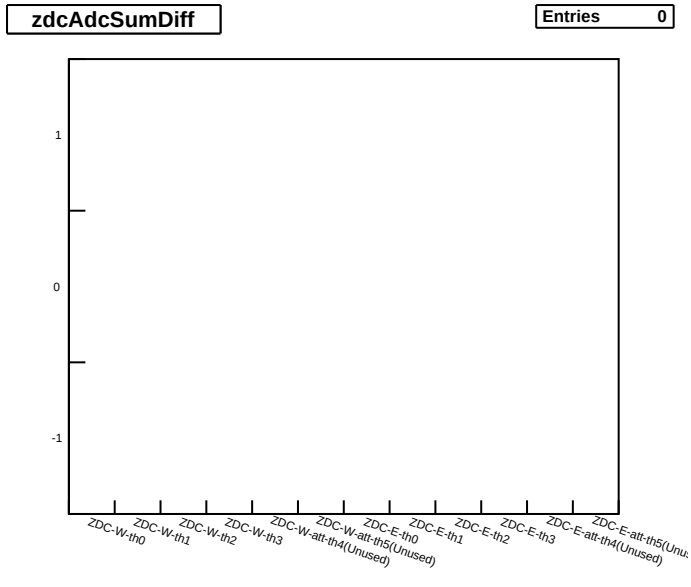

zdcEastTac
Entries 492738

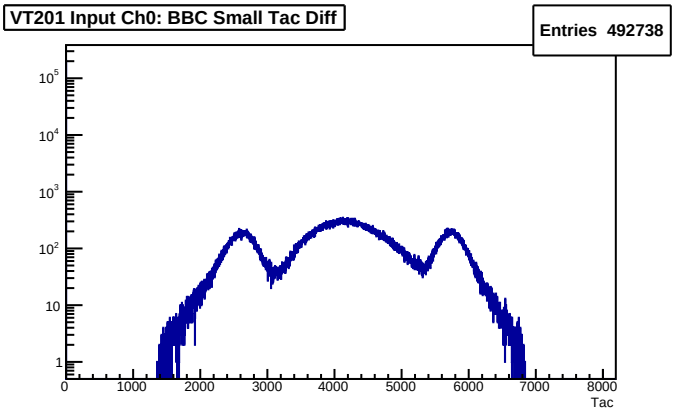

zdcEastTacVsSimu
Entries 1255
Data
Simu

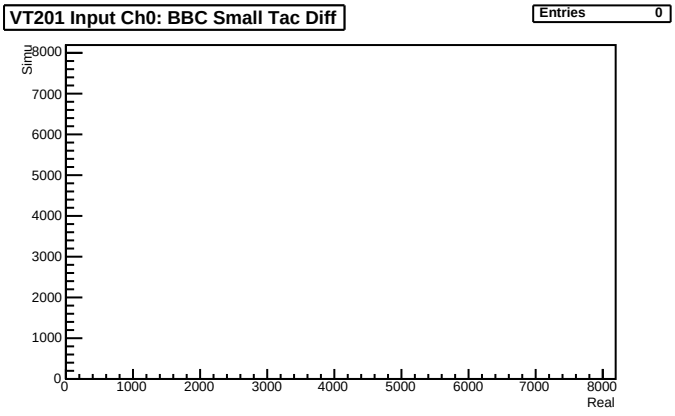

zdcWestTac
Entries 492738

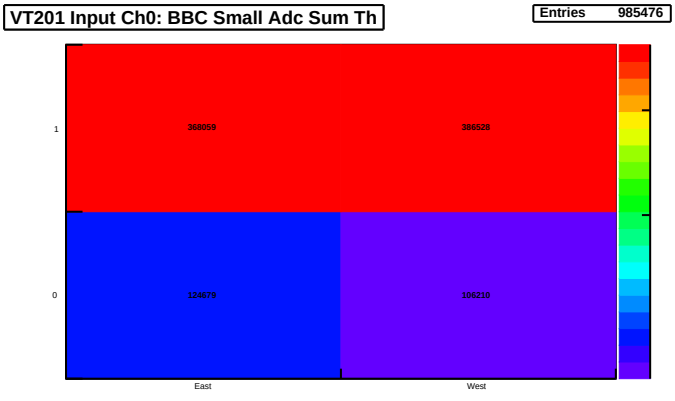

zdcWestTacVsSimu
Entries 2644
Data
Simu

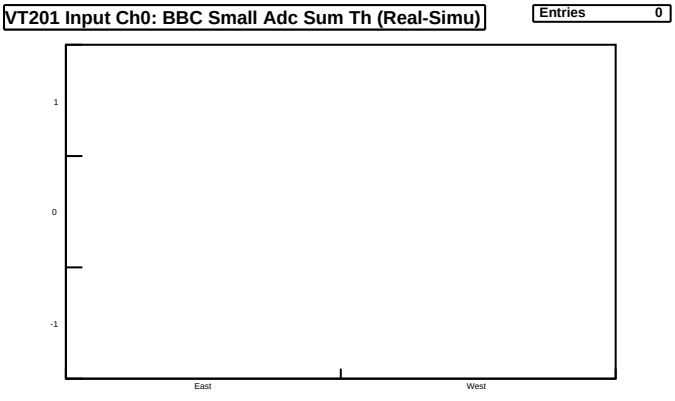

zdcAdcSum
Entries 5912856
39126
4671
24
20
10
8
103084
5854
75
65
47
34
453612
488067
492714
492718
492728
492730
389654
486884
492663
492673
492691
492704
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

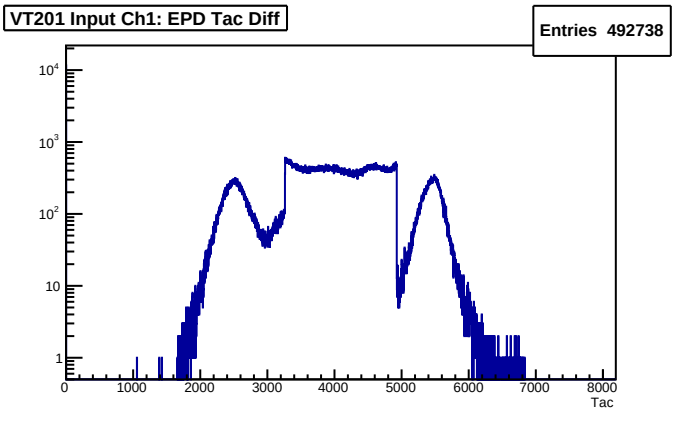

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

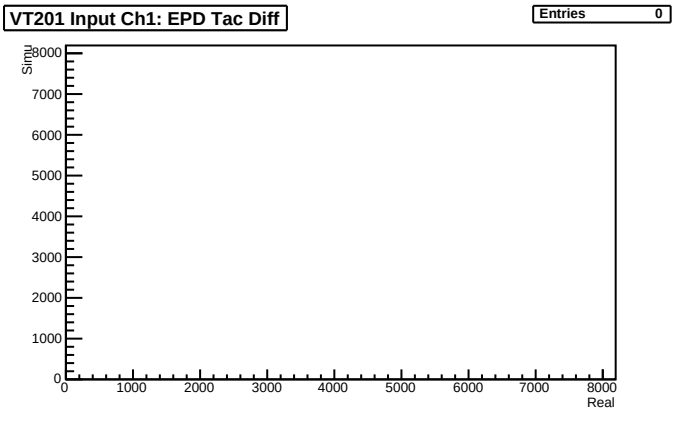

VT201 Input Ch0: BBC Small Tac Diff
Entries 492738
Tac

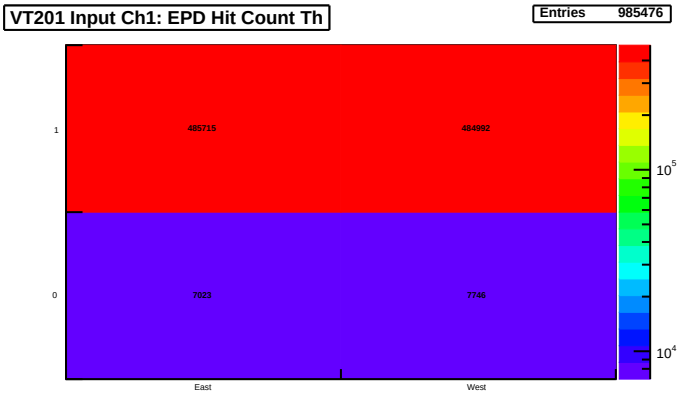

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

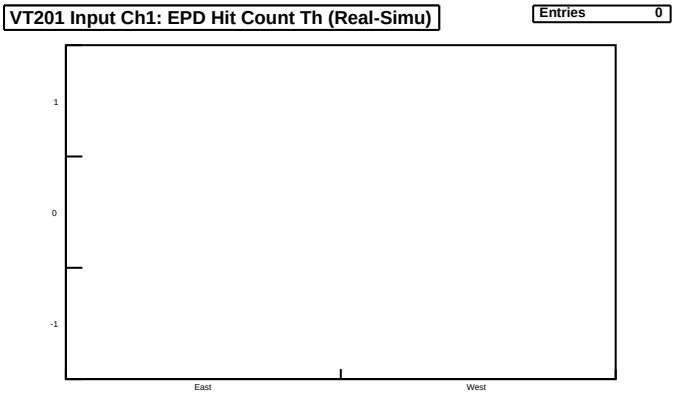

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 985476
368059
386528
124679
106210
East
West

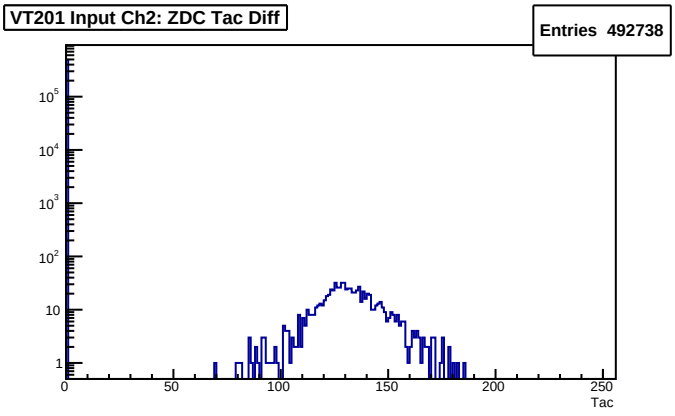

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

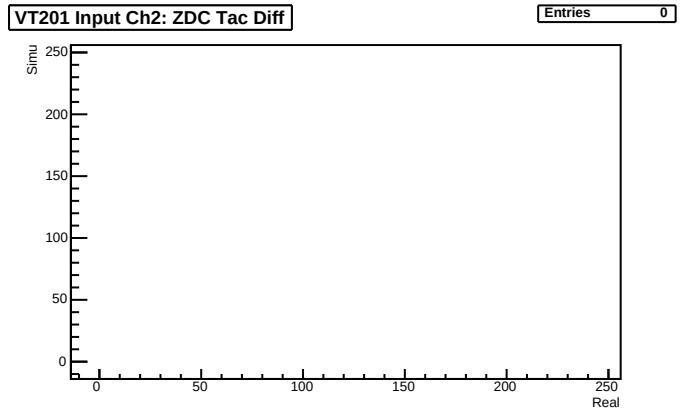

VT201 Input Ch1: EPD Tac Diff
Entries 492738
Tac

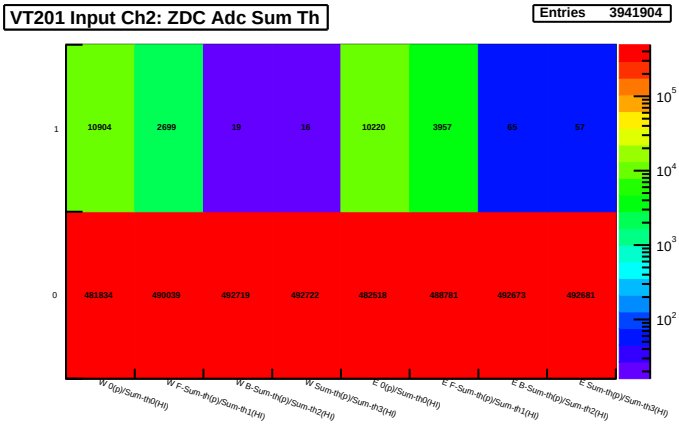

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

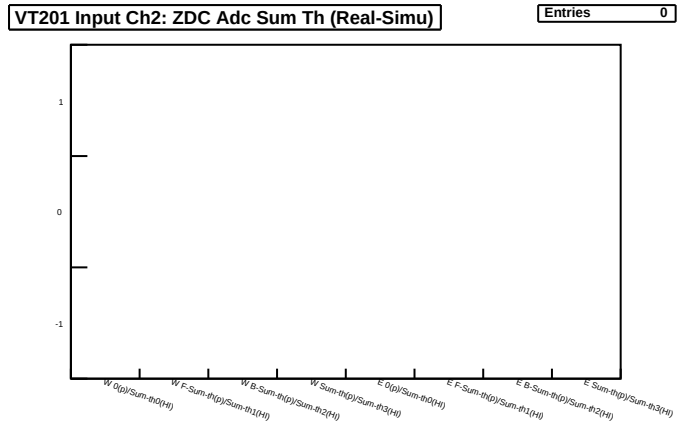

VT201 Input Ch1: EPD Hit Count Th
Entries 985476
485715
484992
7023
7746
East
West

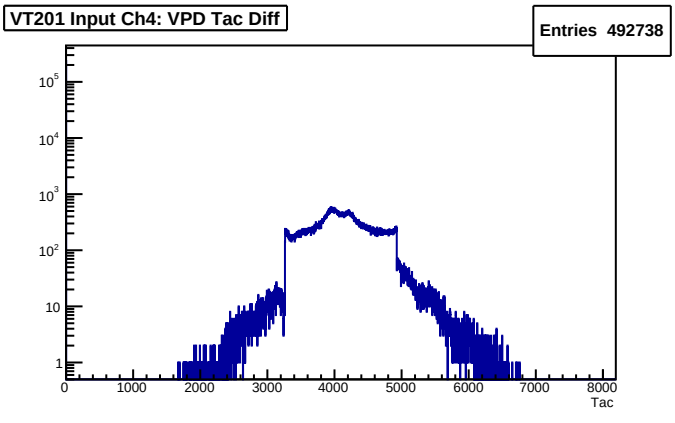

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

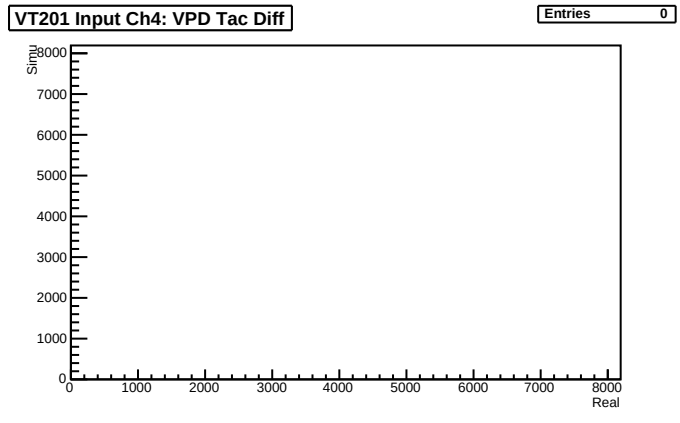

VT201 Input Ch2: ZDC Tac Diff
Entries 492738
Tac

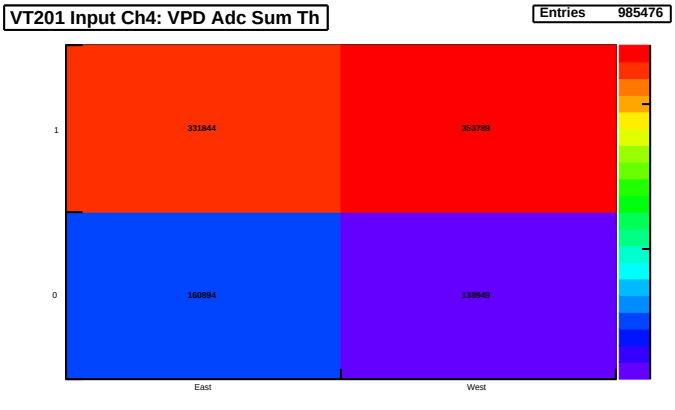

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

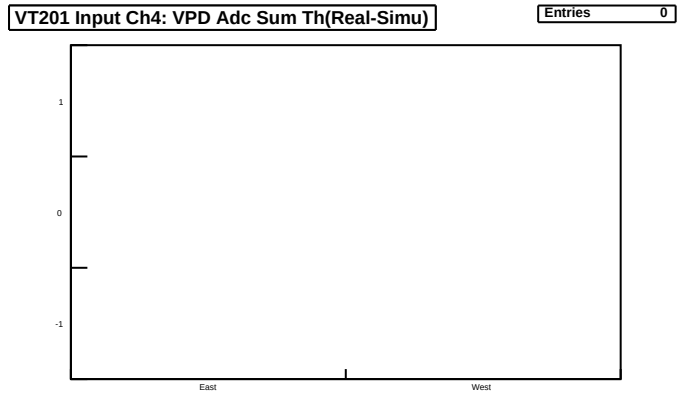

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3941904
10904
2699
19
16
10220
3957
65
57
481834
490039
492719
492722
482518
488781
492673
492681
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

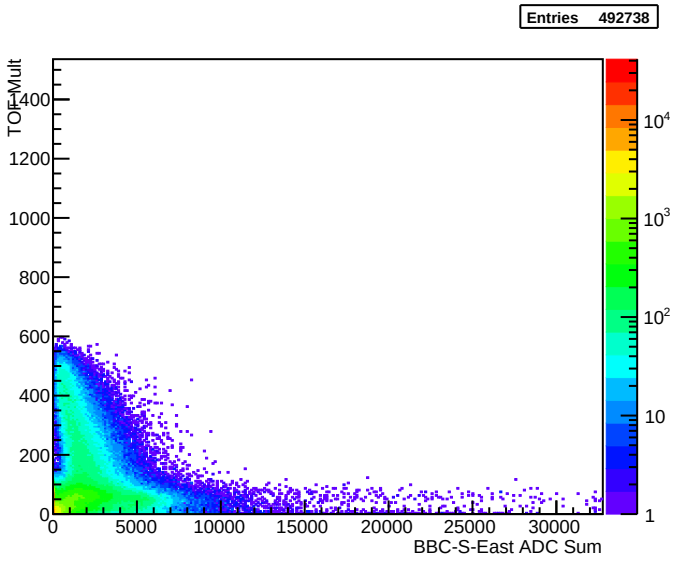

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

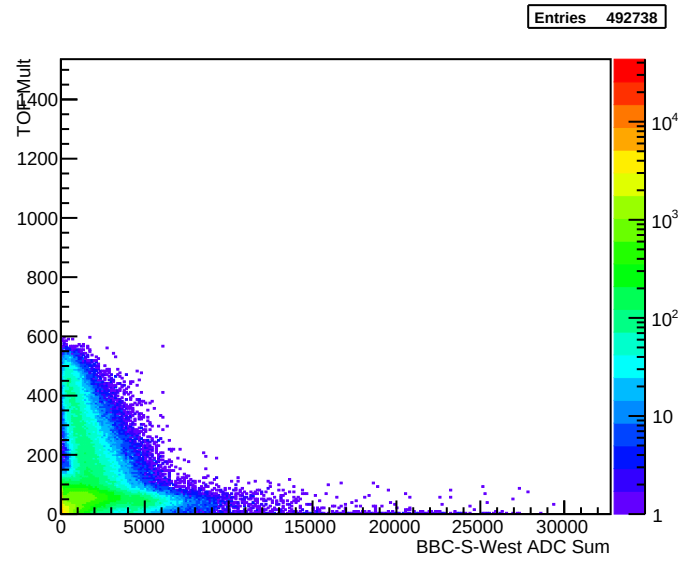

VT201 Input Ch4: VPD Tac Diff
Entries 492738
Tac

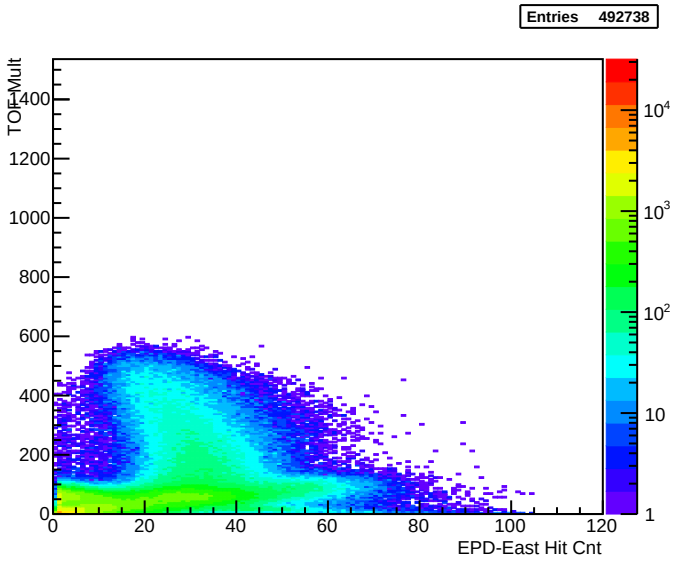

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

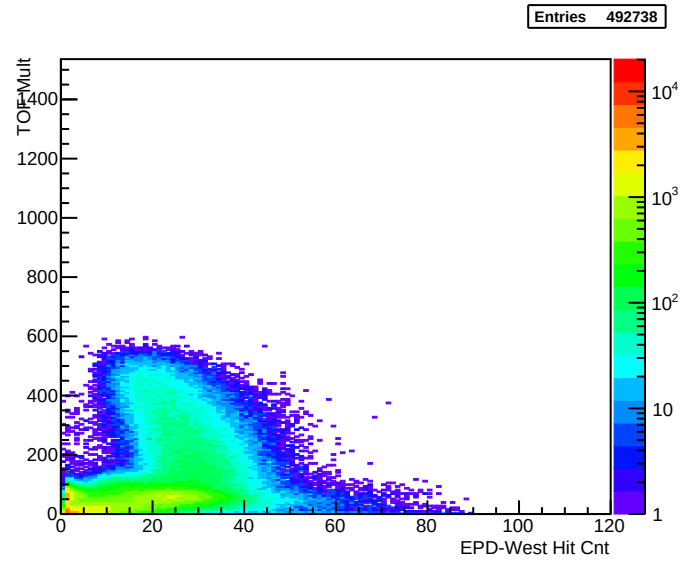

VT201 Input Ch4: VPD Adc Sum Th
Entries 985476
331844
353789
160894
138949
East
West

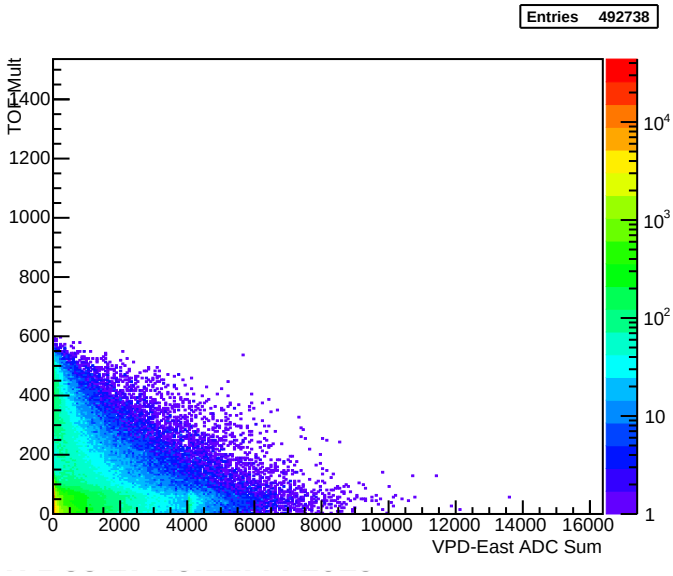

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

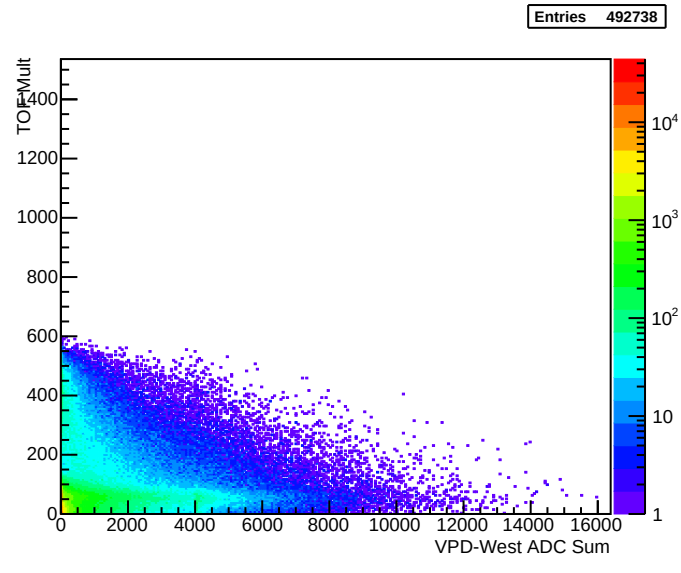

Entries 492738
TOF-Mult
BBC-S-East ADC Sum

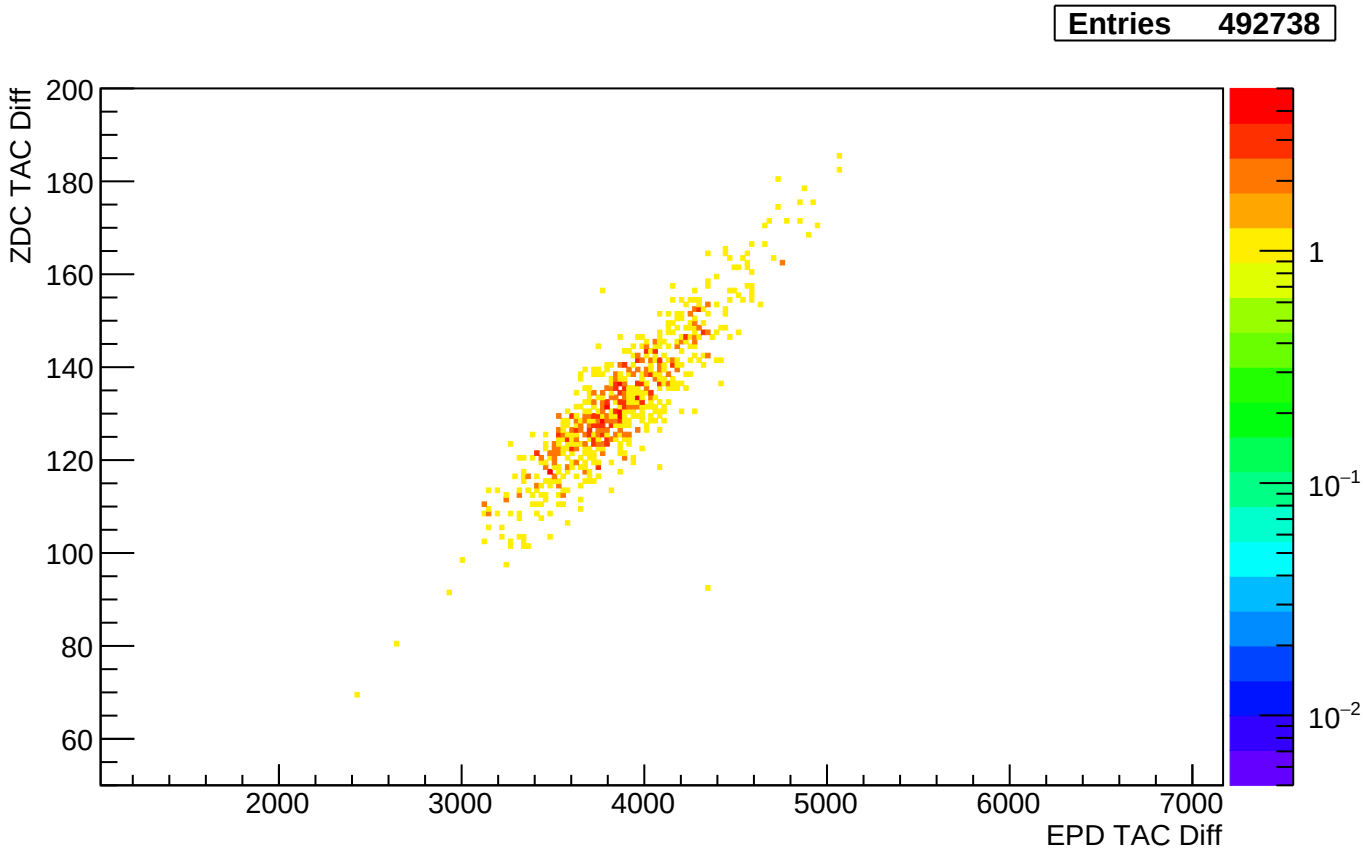

Entries 492738
TOF-Mult
BBC-S-West ADC Sum

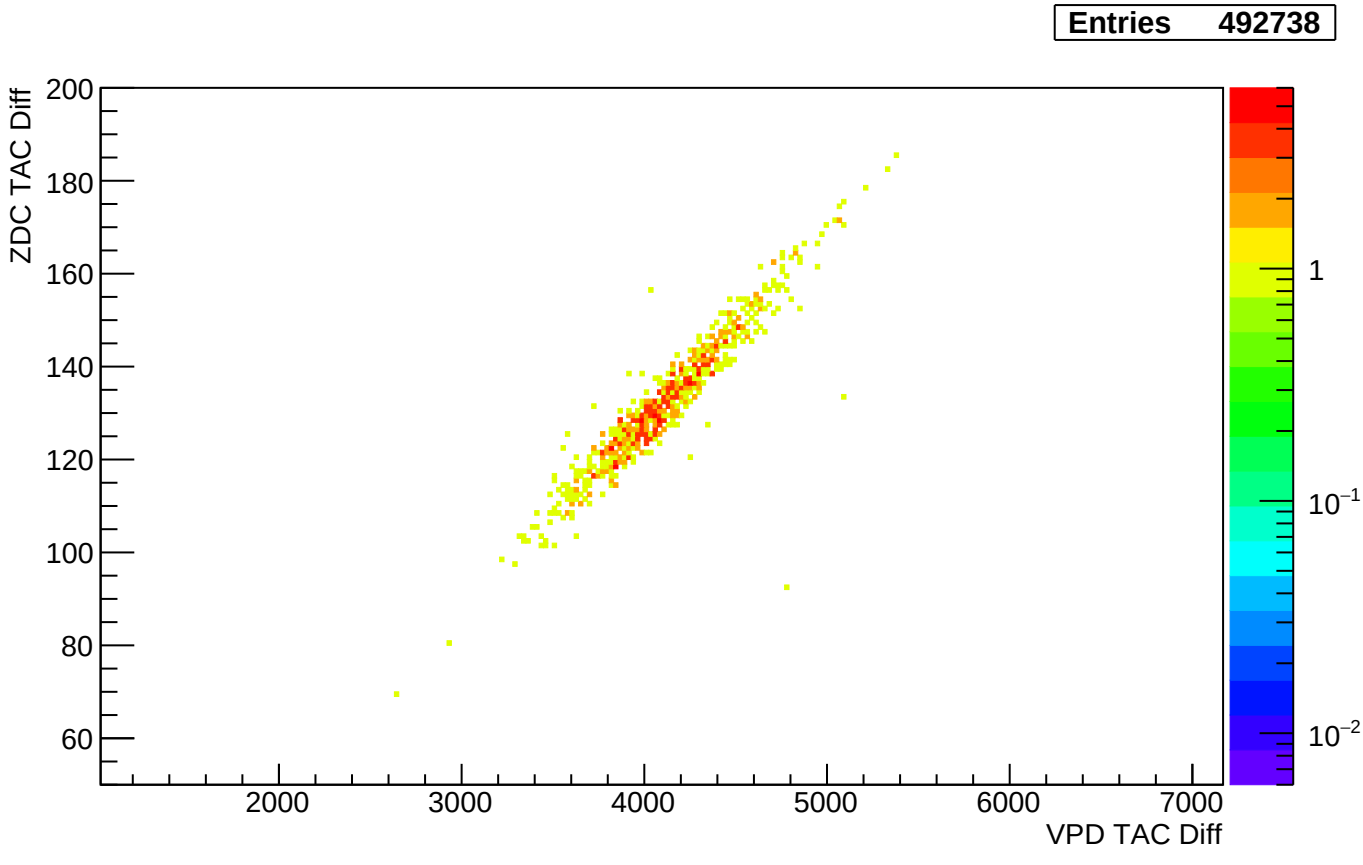

Entries 492738
TOF-Mult
EPD-East Hit Cnt

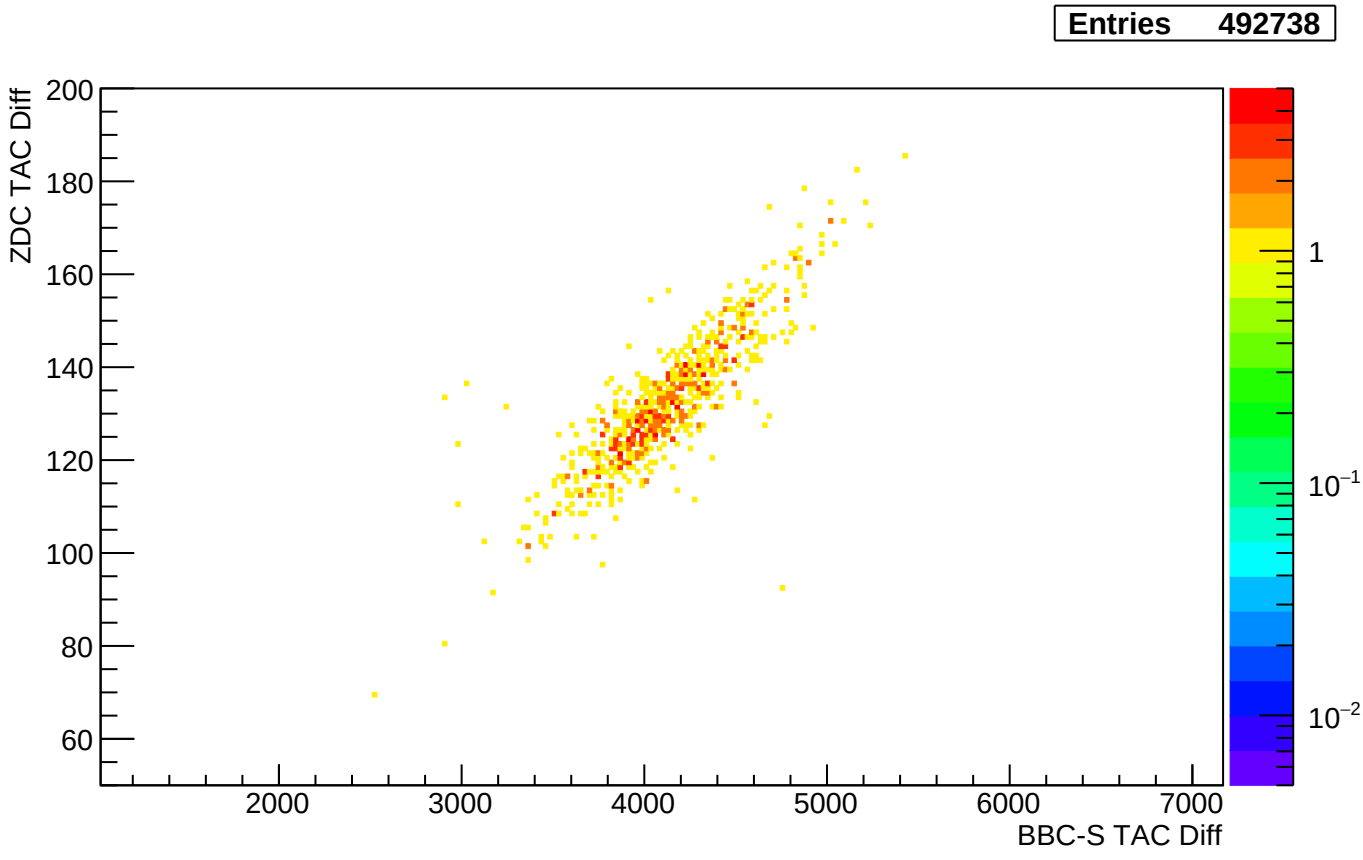

Entries 492738
TOF-Mult
EPD-West Hit Cnt

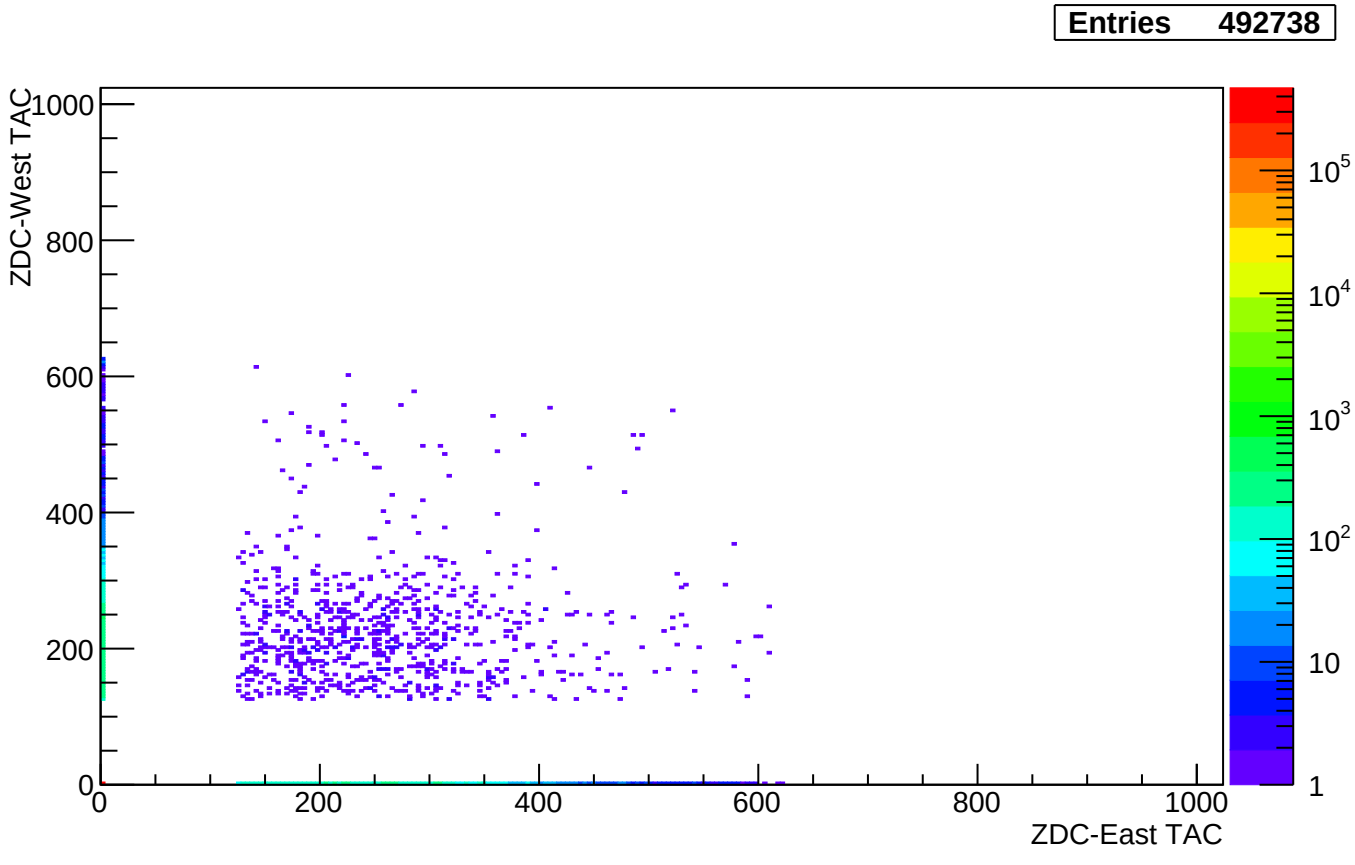

Entries 492738
TOF-Mult
VPD-East ADC Sum

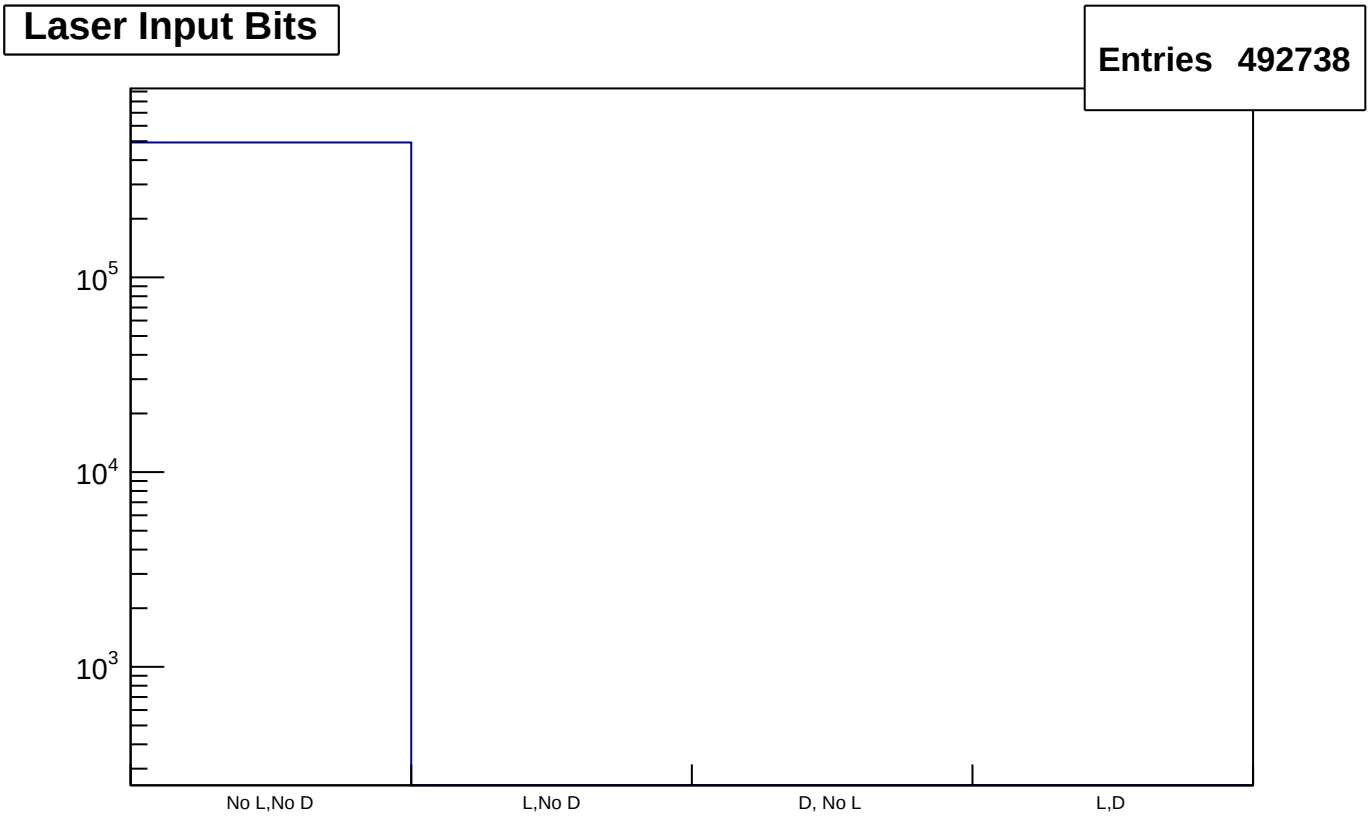

Entries 492738
TOF-Mult
VPD-West ADC Sum

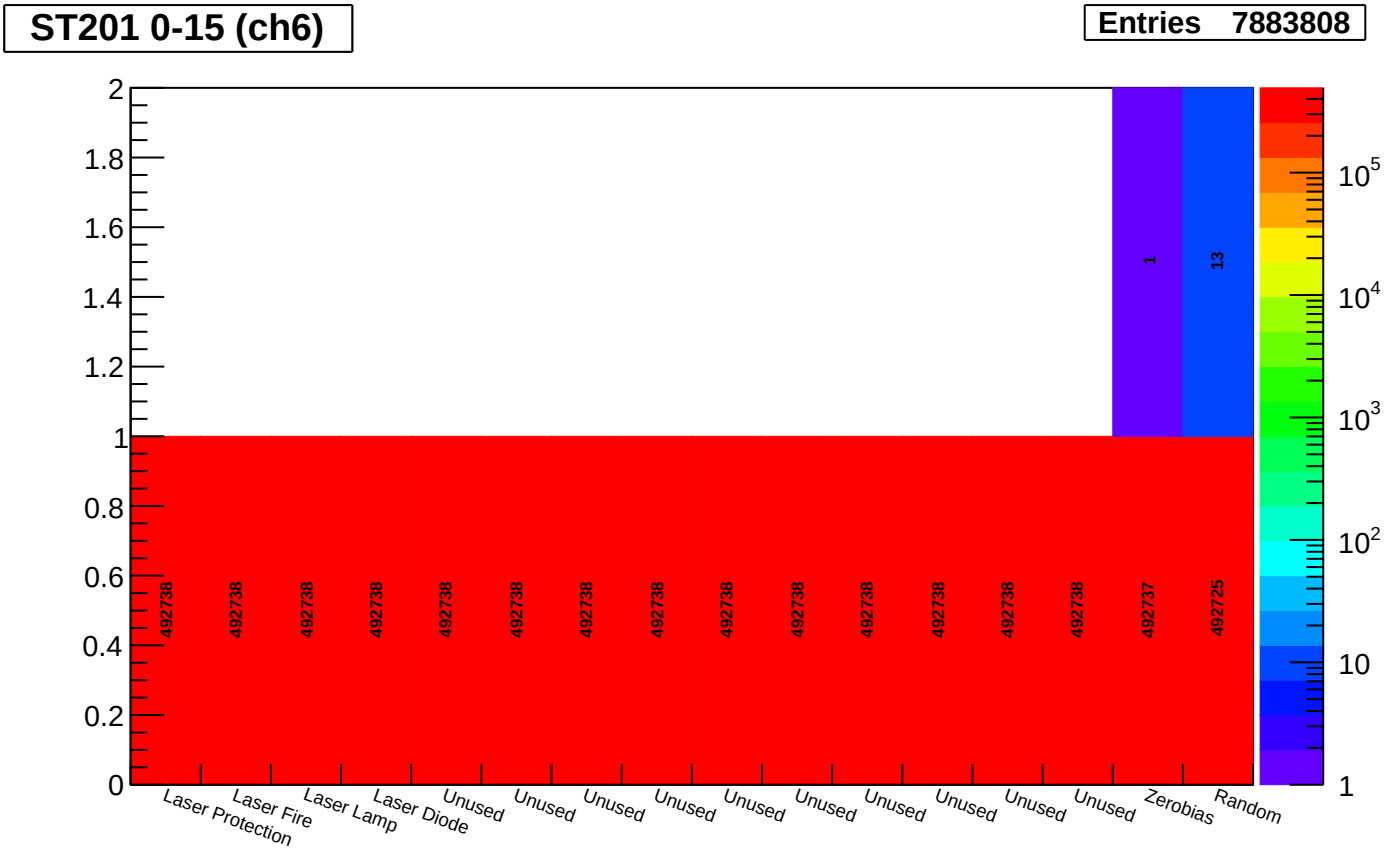

Entries 492738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

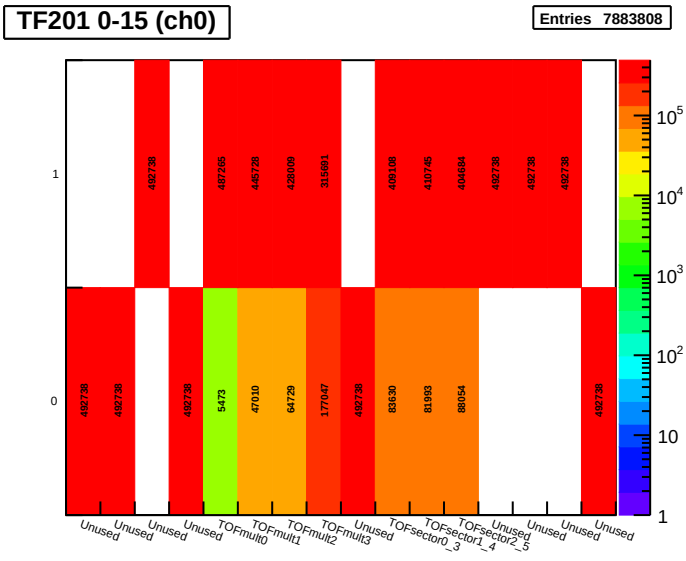

Entries 492738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

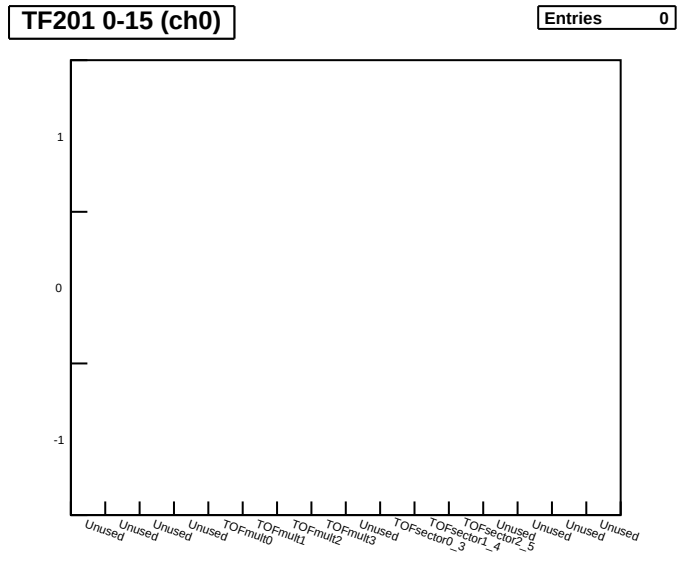

Entries 492738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

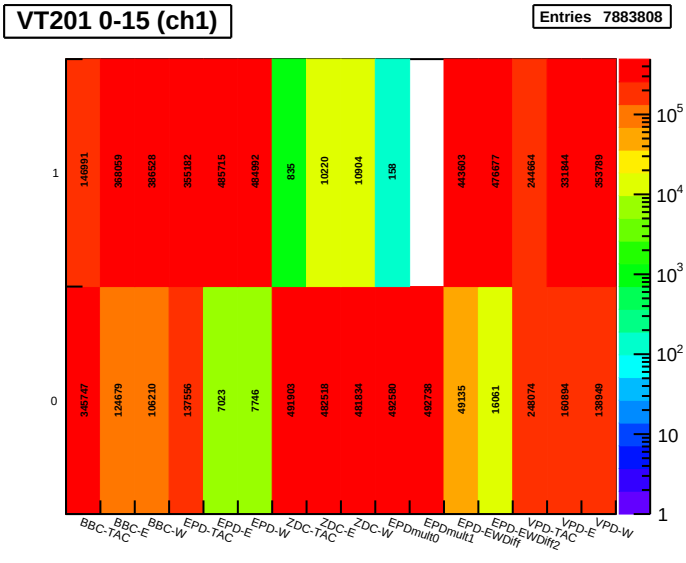

Entries 492738
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

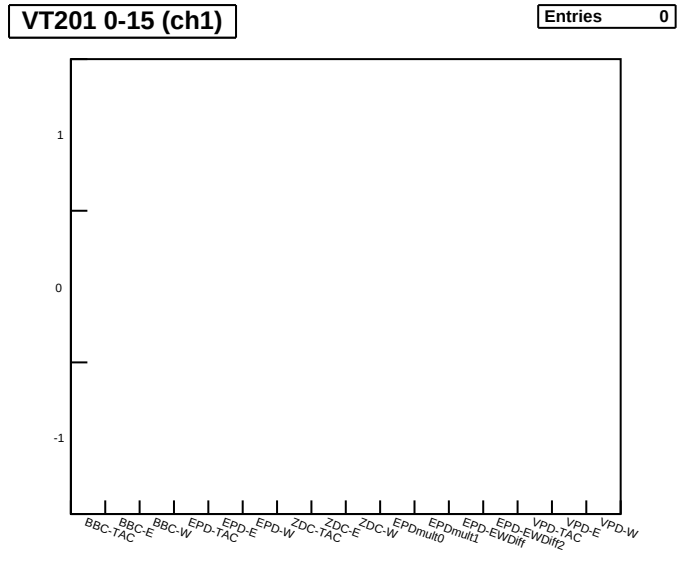

Laser Input Bits
Entries 492738
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

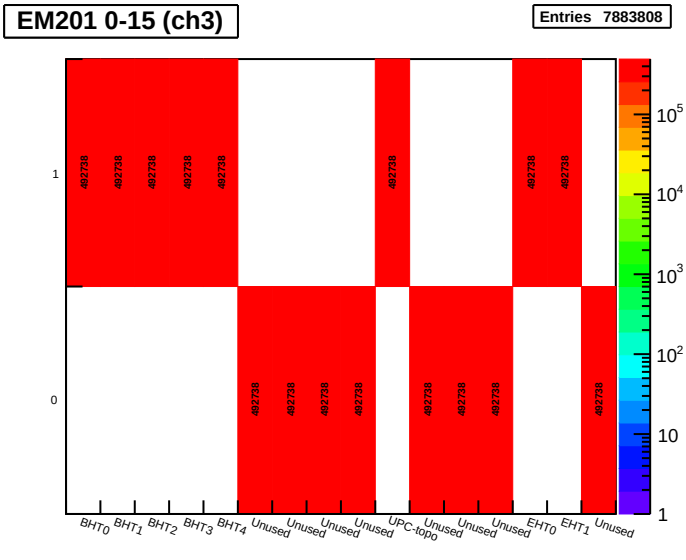

ST201 0-15 (ch6)
Entries 7883808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492737
492725
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

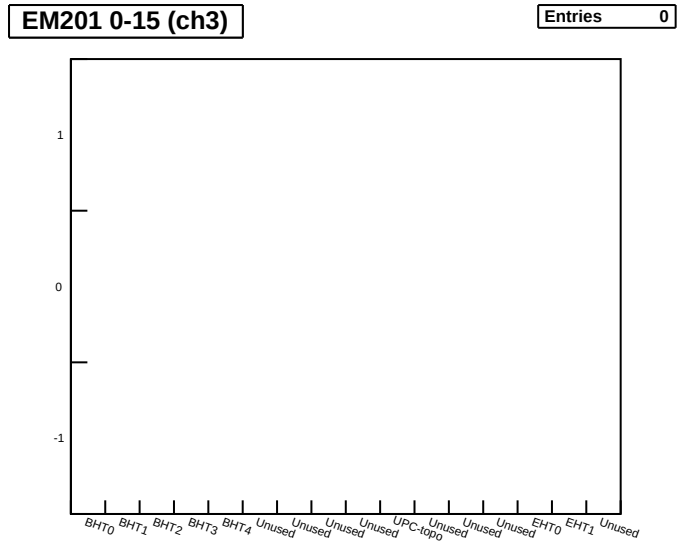

TF201 0-15 (ch0)
Entries 7883808
1
0
492738
487265
445728
428009
315691
409108
410745
404684
492738
492738
492738
492738
492738
492738
5473
47010
64729
177047
492738
83630
81993
88054
492738
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7883808
1
0
146991
368059
366528
355182
485715
484992
835
10220
10904
158
443603
476677
244664
331844
353789
345747
124679
106210
137556
7023
7746
491903
482518
481834
492580
492738
49135
16061
248074
160894
138949
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 7883808
1
0
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
492738
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