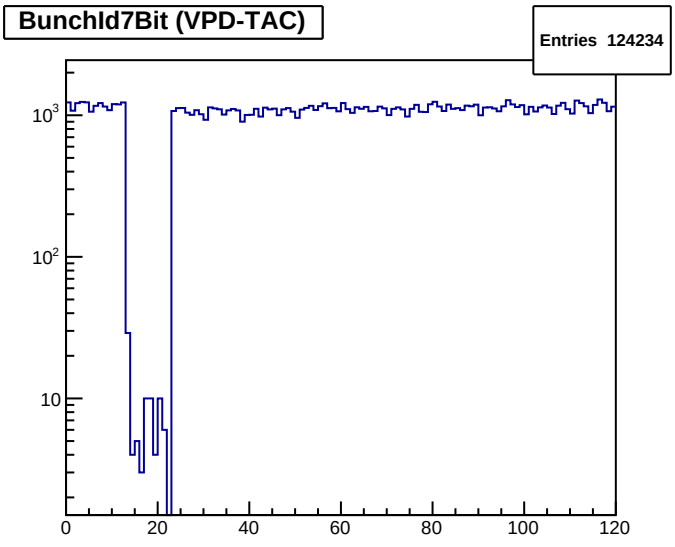
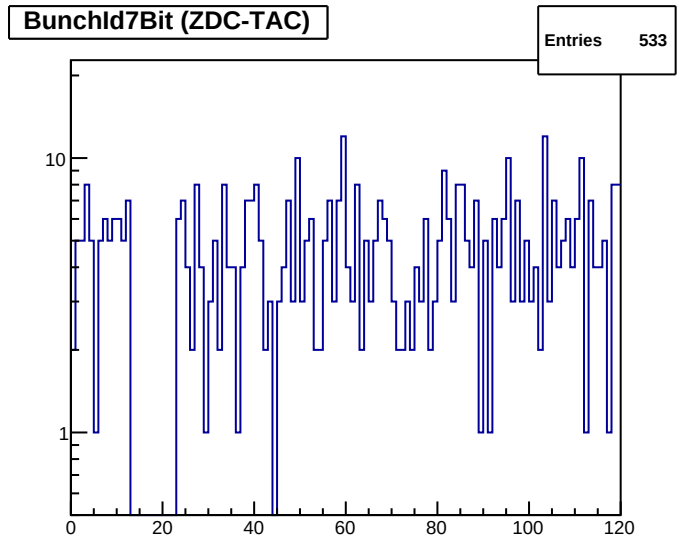
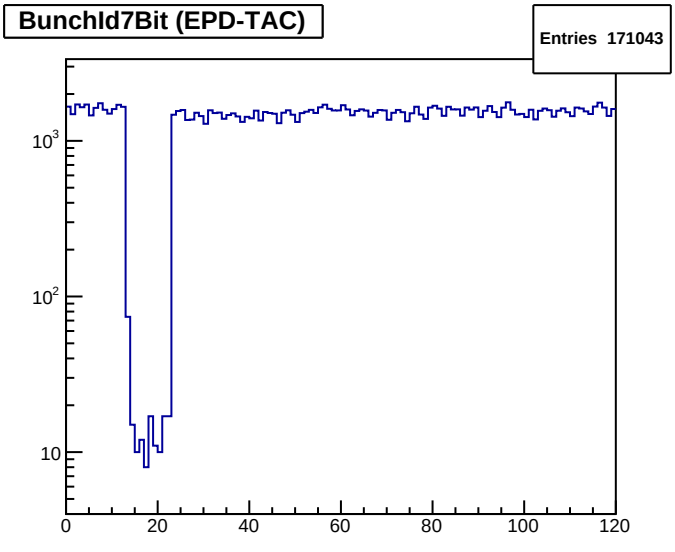
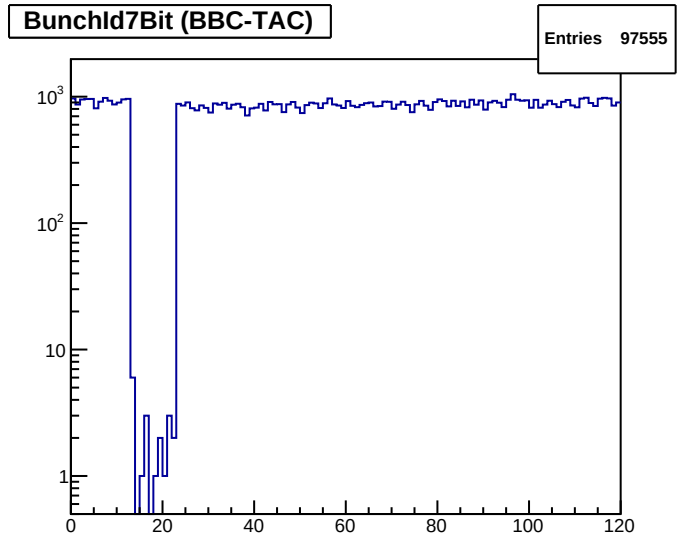
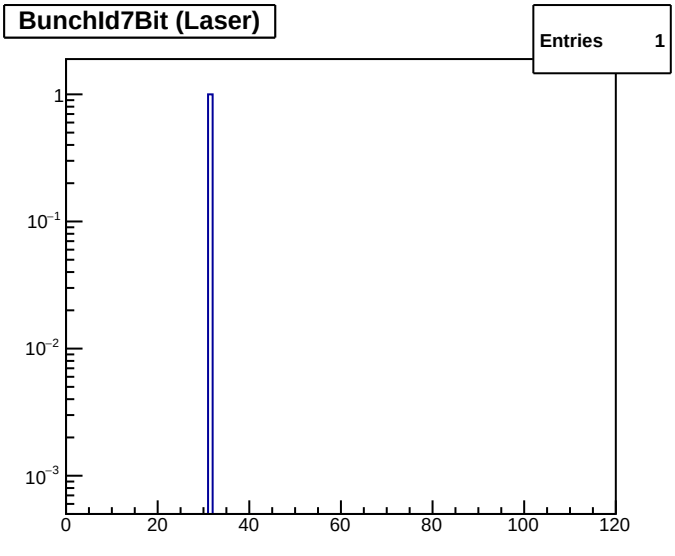
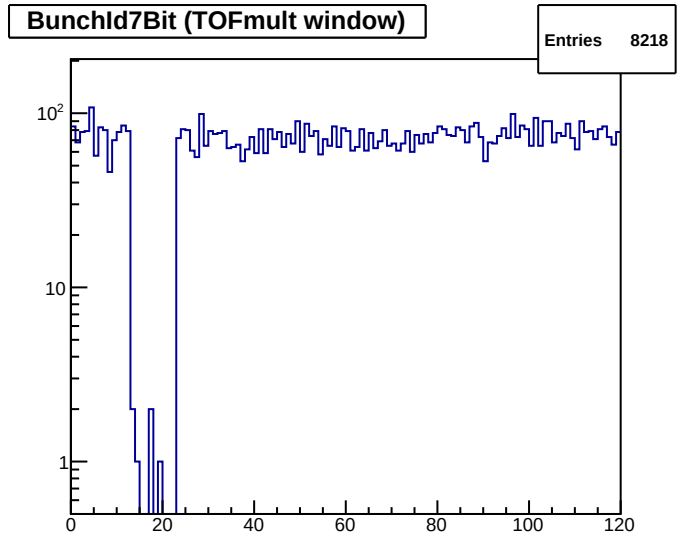

BunchId7Bit (VPD-TAC)
Entries 124234

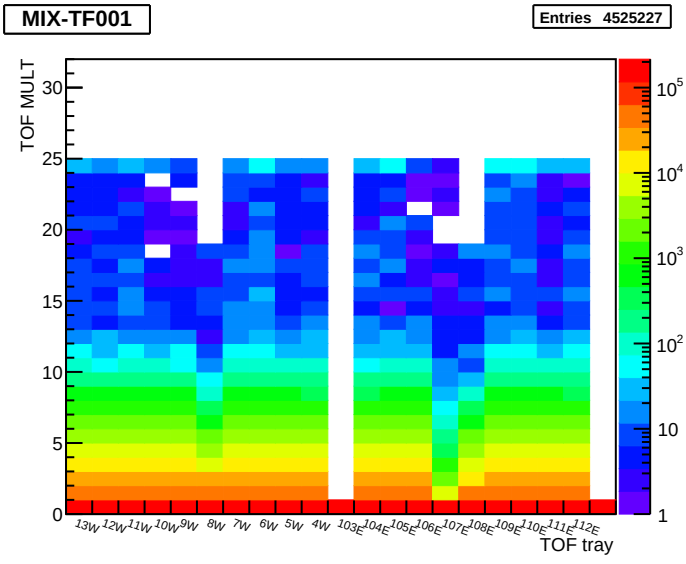

BunchId7Bit (ZDC-TAC)
Entries 533

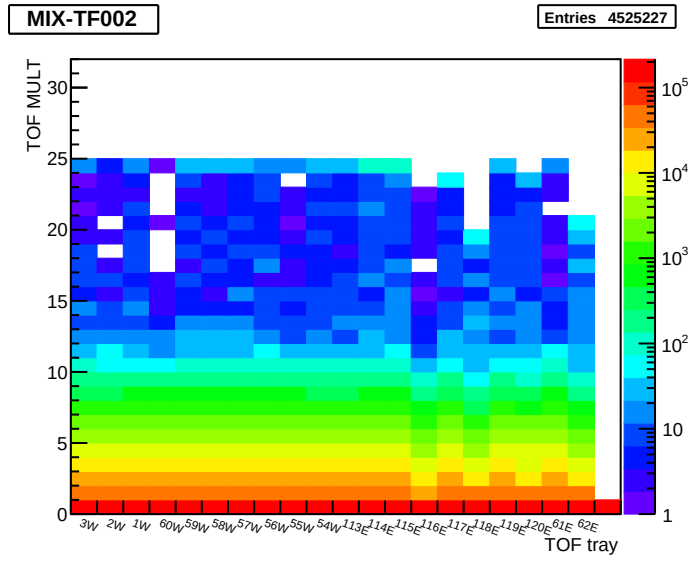

BunchId7Bit (EPD-TAC)
Entries 171043

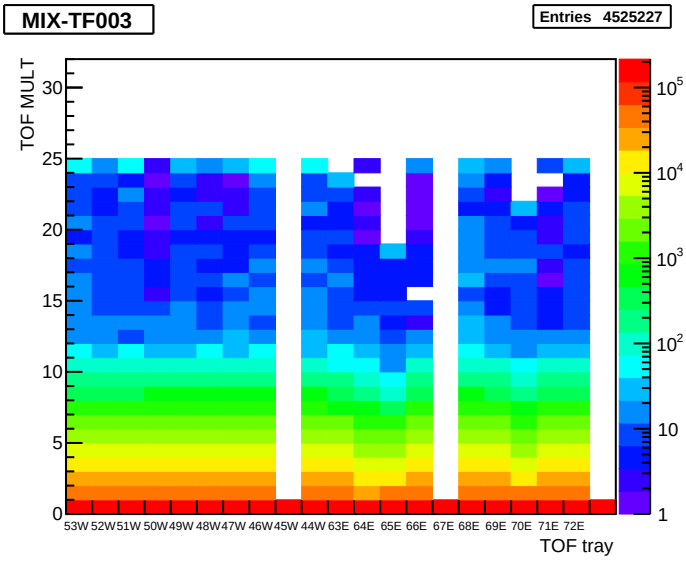

BunchId7Bit (BBC-TAC)
Entries 97555

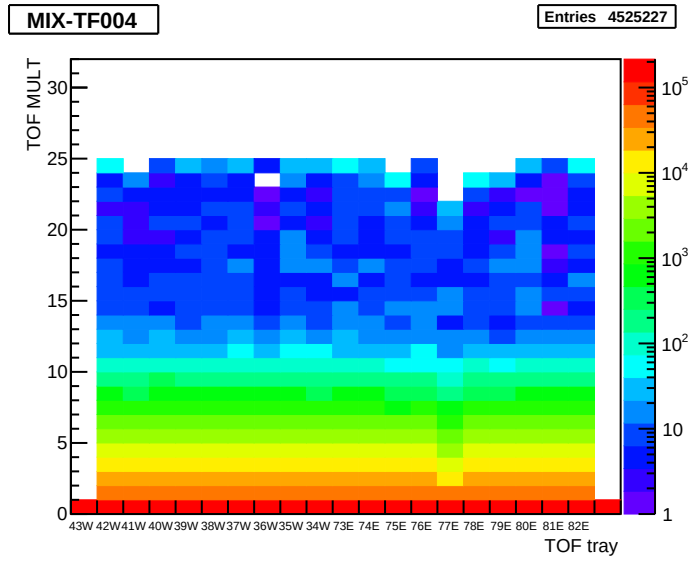

BunchId7Bit (Laser)
Entries 1

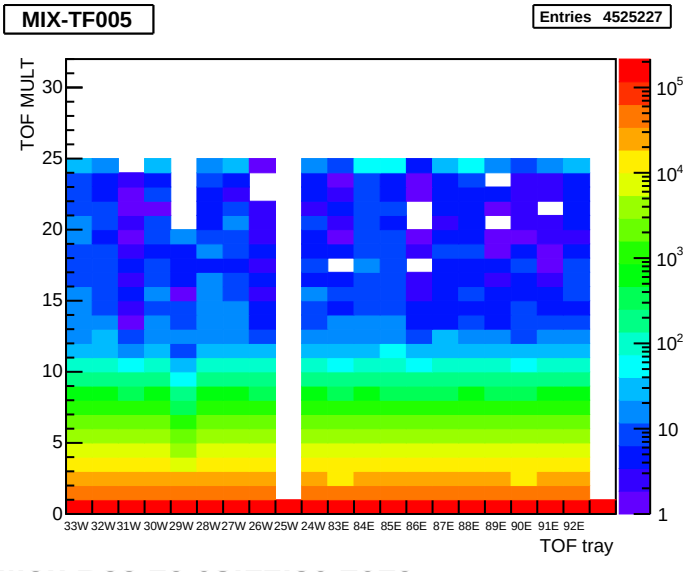

BunchId7Bit (TOFmult window)
Entries 8218

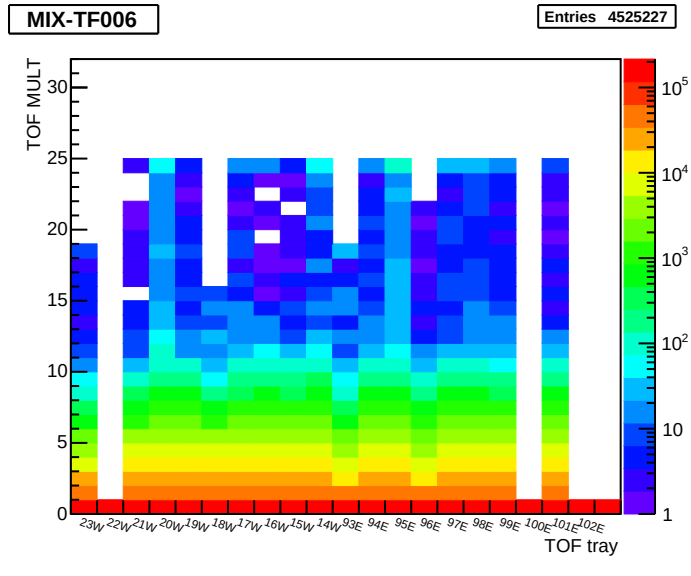

MIX-TF001
Entries 4525227
TOF MULT
TOF tray

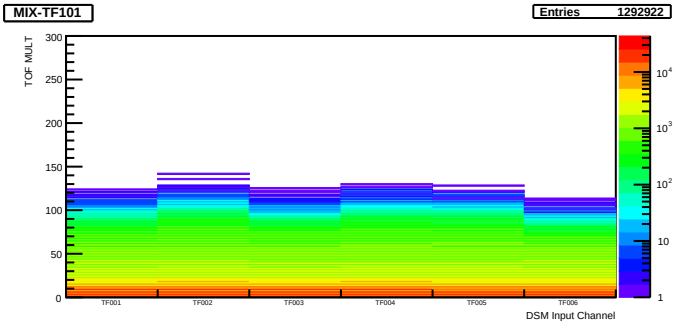

MIX-TF002
Entries 4525227
TOF MULT
TOF tray

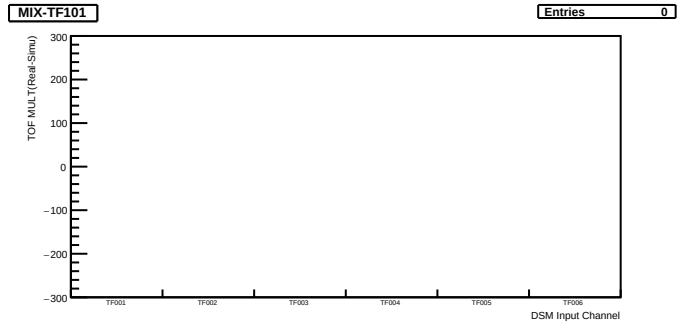

MIX-TF003
Entries 4525227
TOF MULT
TOF tray

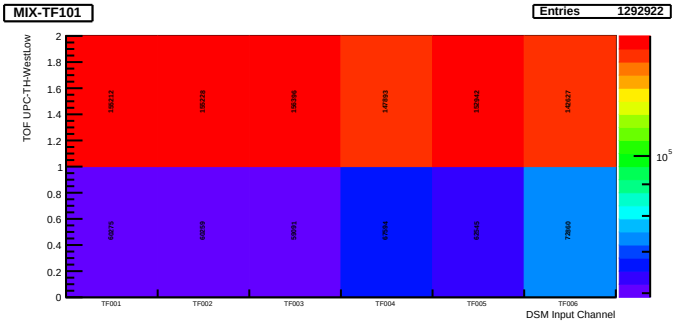

MIX-TF004
Entries 4525227
TOF MULT
TOF tray

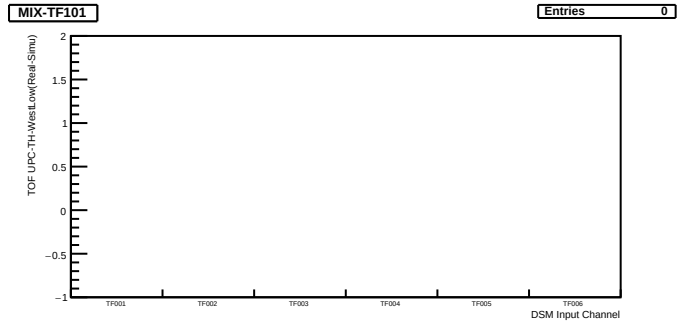

MIX-TF005
Entries 4525227
TOF MULT
TOF tray

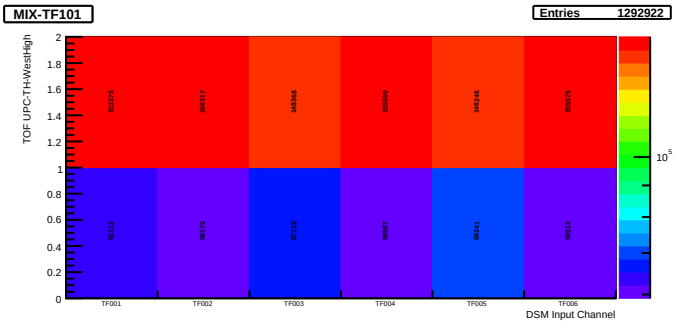

MIX-TF006
Entries 4525227
TOF MULT
TOF tray

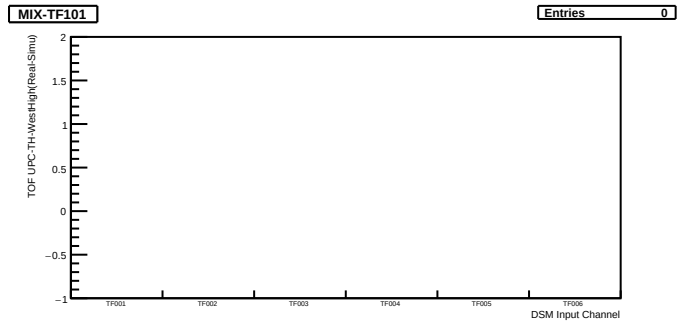

MIX-TF101
Entries 1292922
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

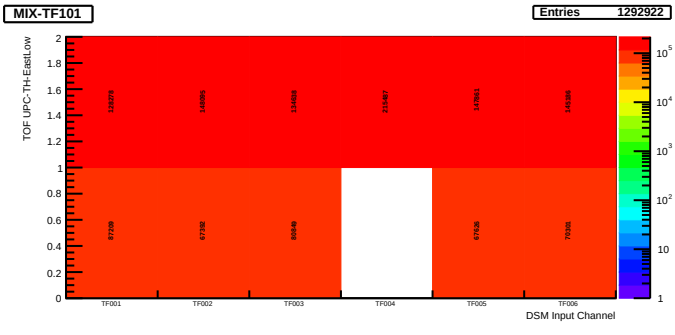

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

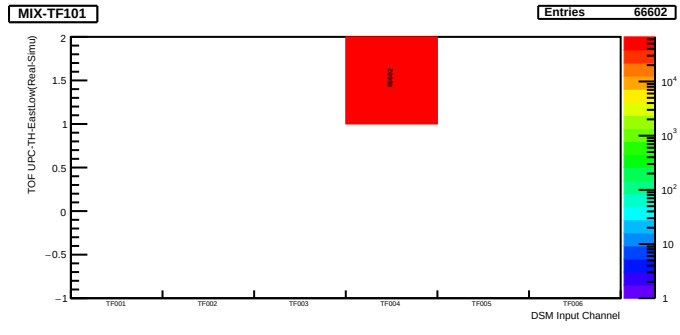

MIX-TF101
Entries 1292922
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

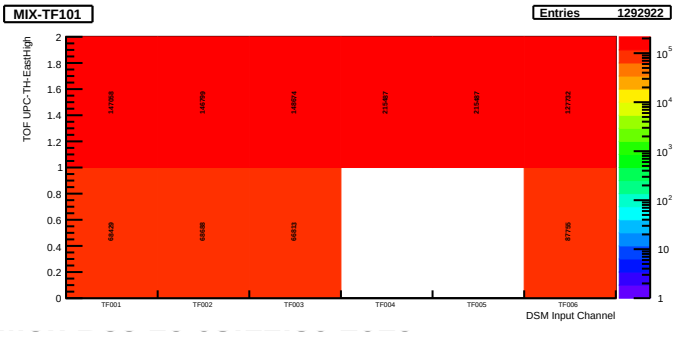

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

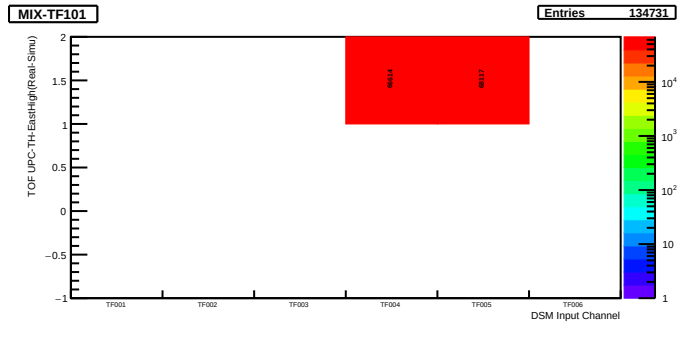

MIX-TF101
Entries 1292922
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

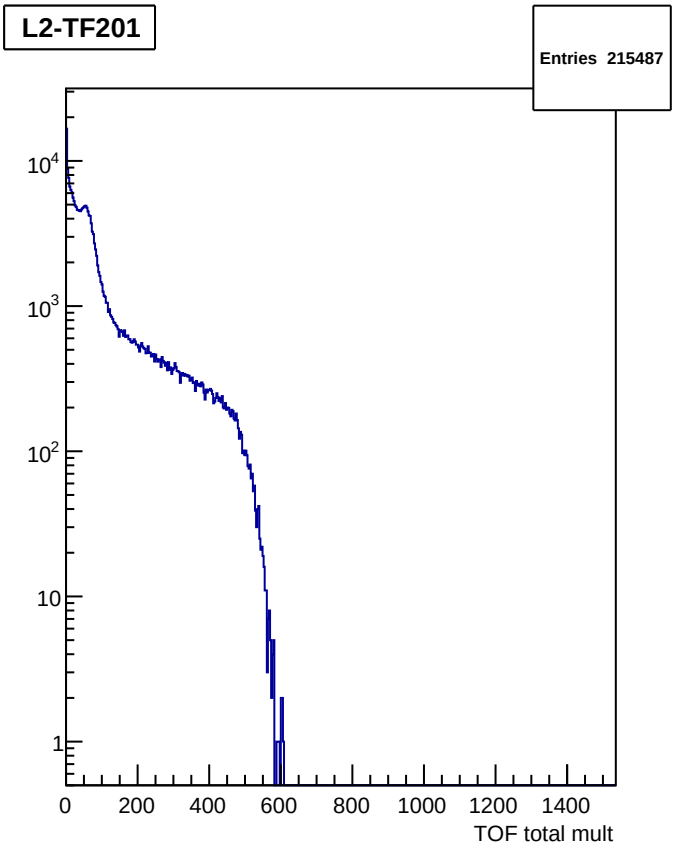

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

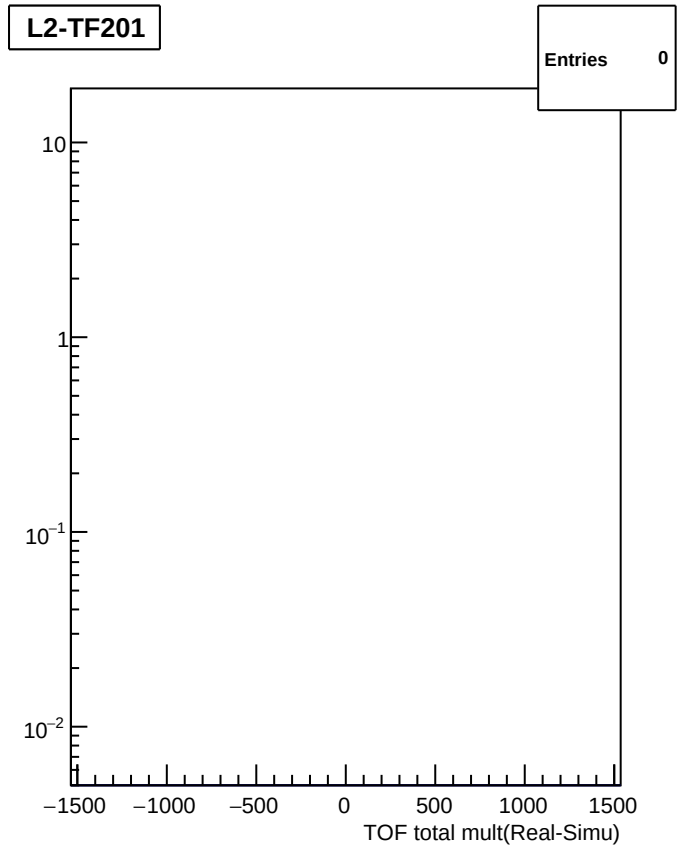

MIX-TF101
Entries 1292922
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

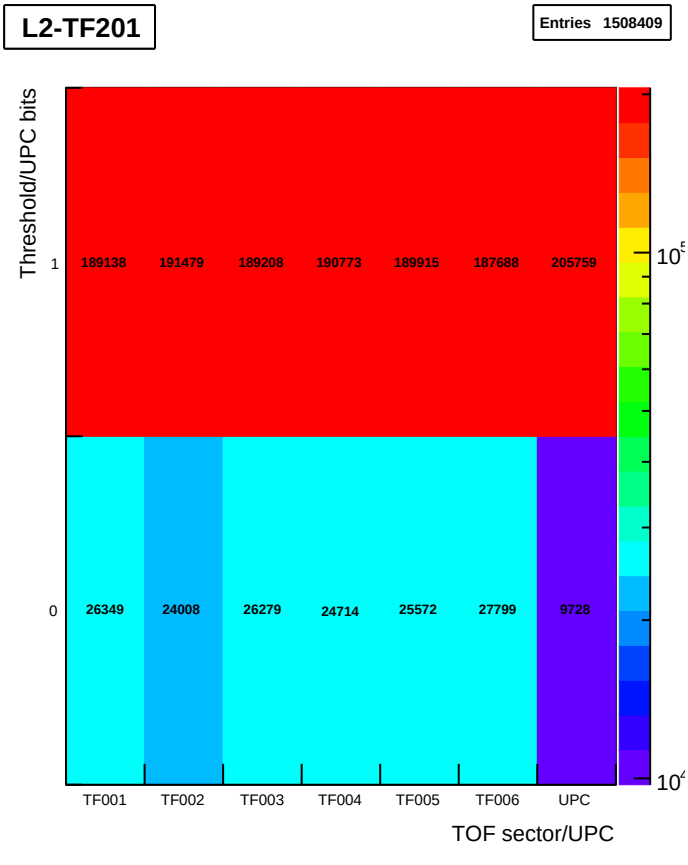

MIX-TF101
Entries 66602
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

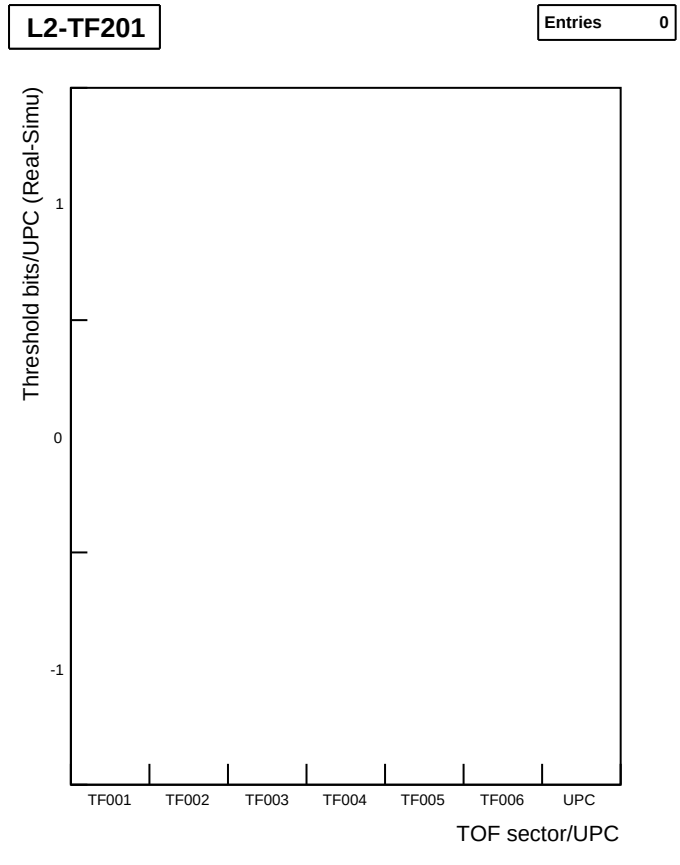

MIX-TF101
Entries 1292922
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

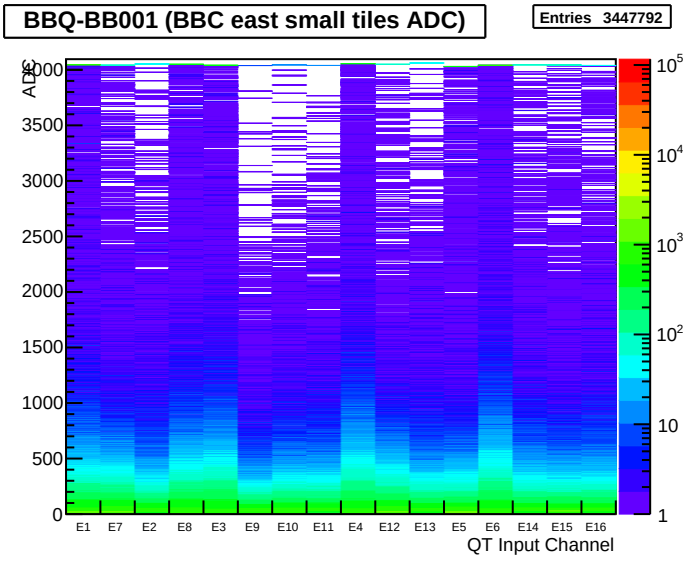

MIX-TF101
Entries 134731
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

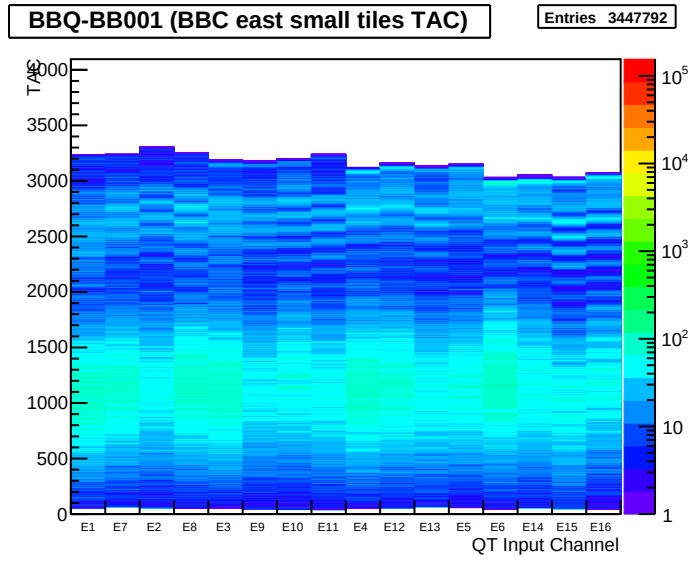

L2-TF201
Entries 215487
TOF total mult

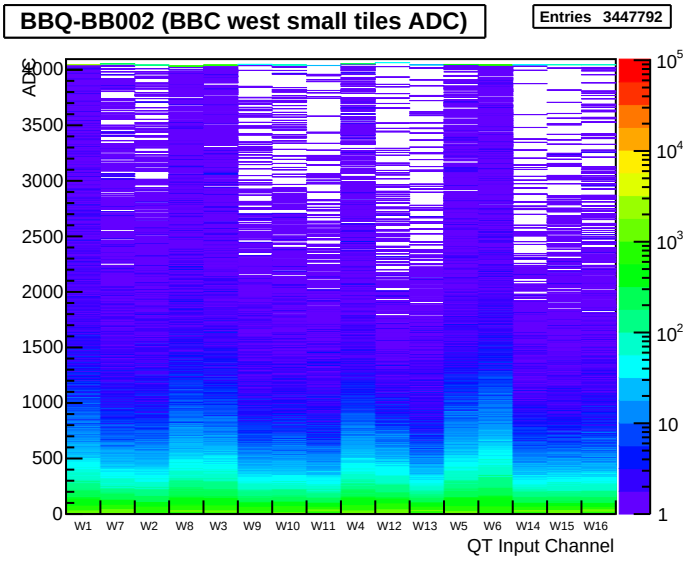

L2-TF201
Entries 0
TOF total mult(Real-Simu)

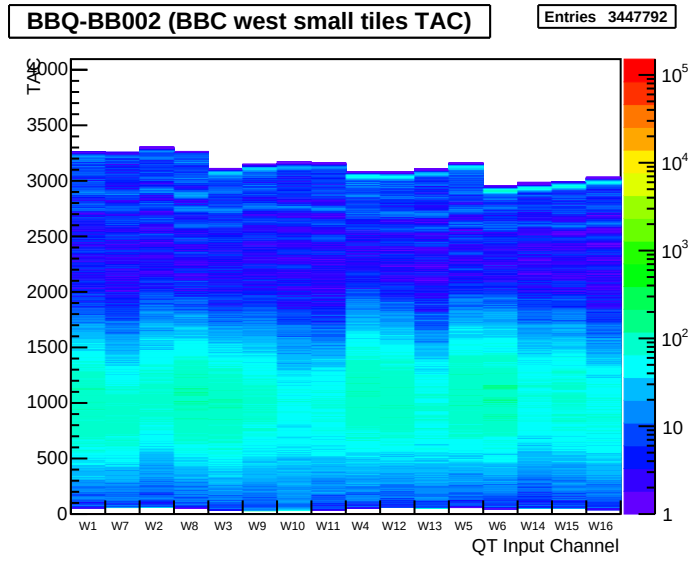

L2-TF201
Entries 1508409
Threshold/UPC bits
189138
191479
189208
190773
189915
187688
205759
26349
24008
26279
24714
25572
27799
9728
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

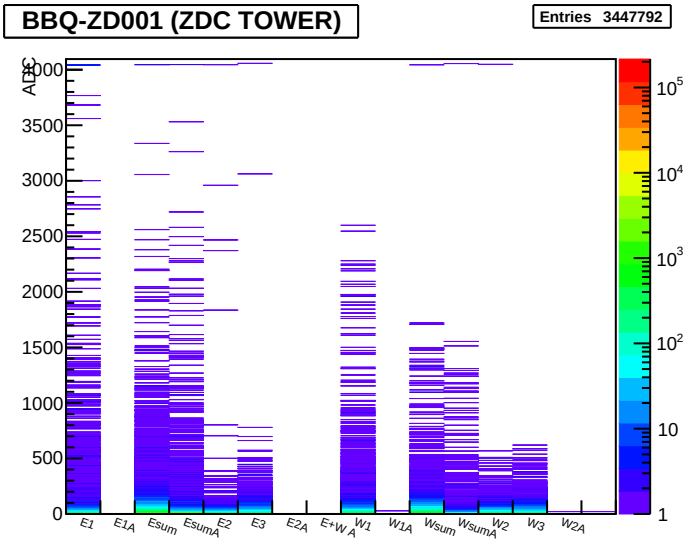

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

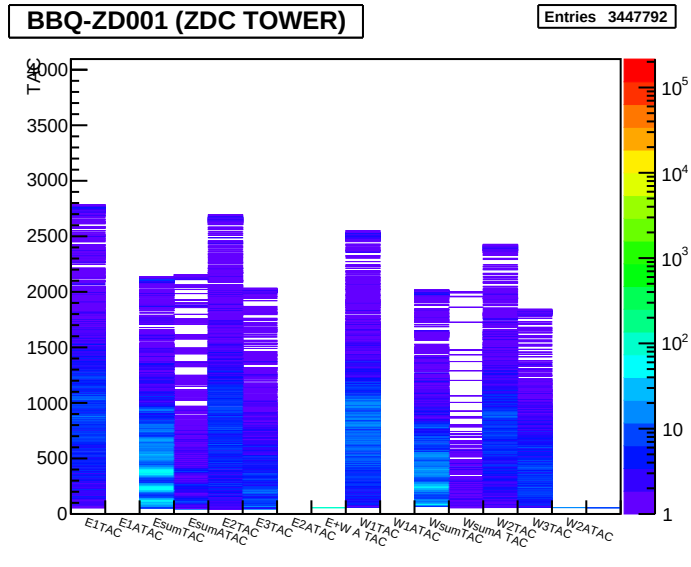

BBQ-BB001 (BBC east small tiles ADC)
Entries 3447792
ADC
QT Input Channel

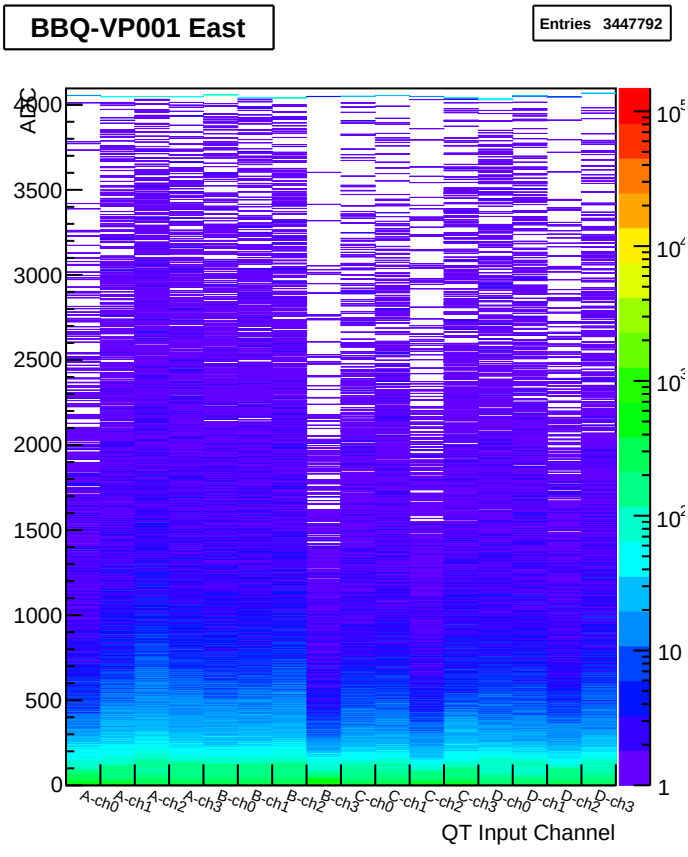

BBQ-BB001 (BBC east small tiles TAC)
Entries 3447792
TAC
QT Input Channel

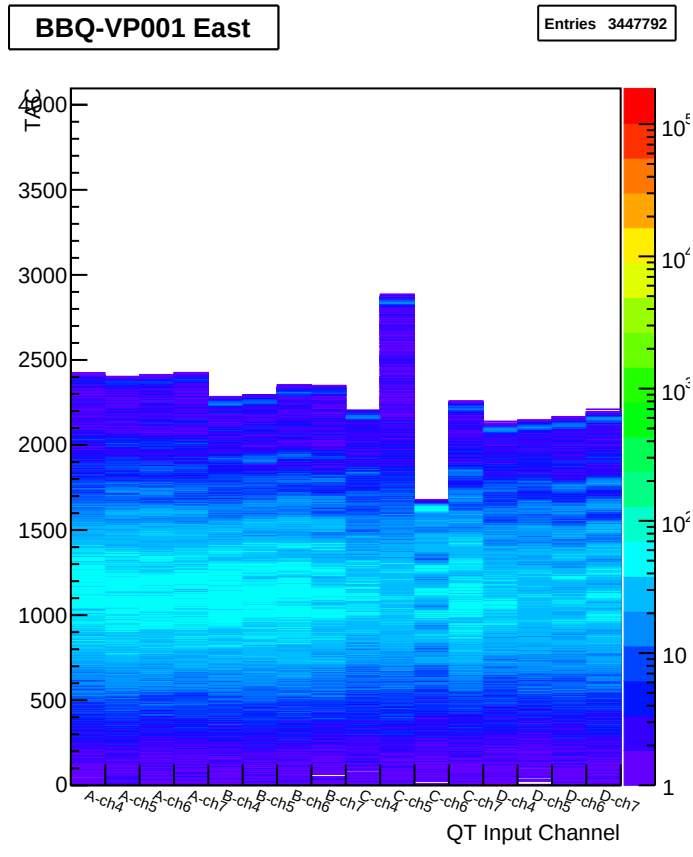

BBQ-BB002 (BBC west small tiles ADC)
Entries 3447792
ADC
QT Input Channel

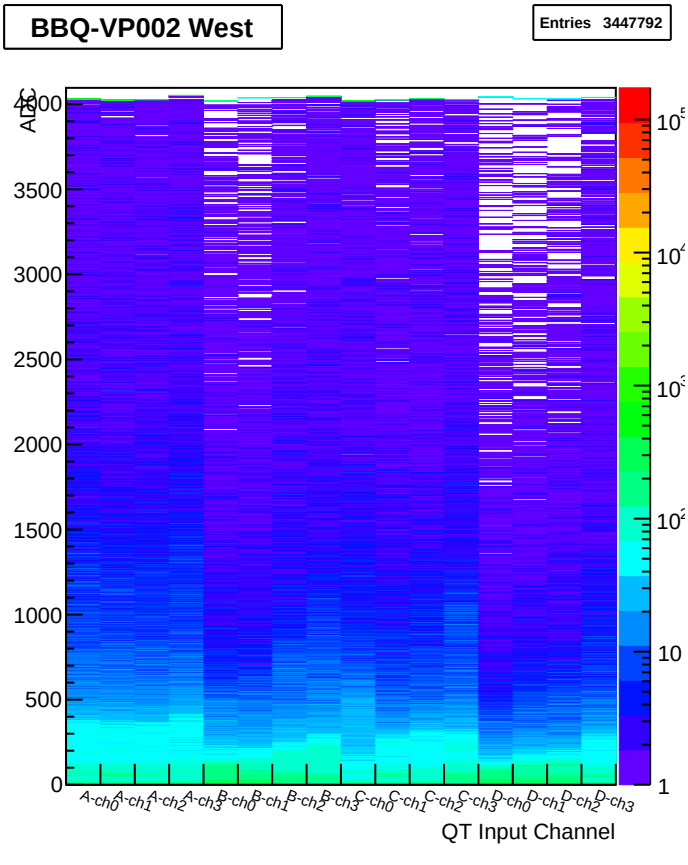

BBQ-BB002 (BBC west small tiles TAC)
Entries 3447792
TAC
QT Input Channel

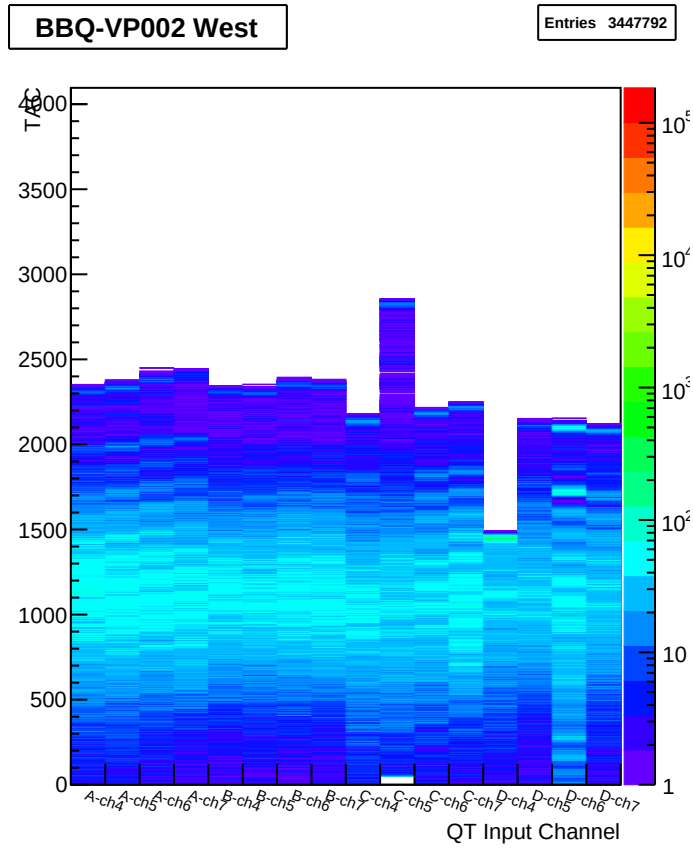

BBQ-ZD001 (ZDC TOWER)
Entries 3447792
ADC

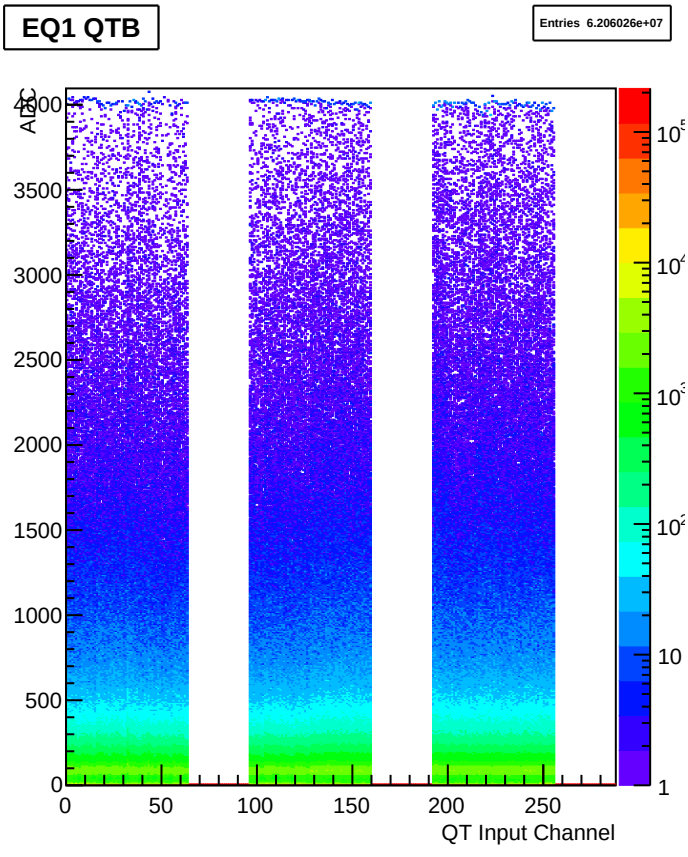

BBQ-ZD001 (ZDC TOWER)
Entries 3447792
TAC

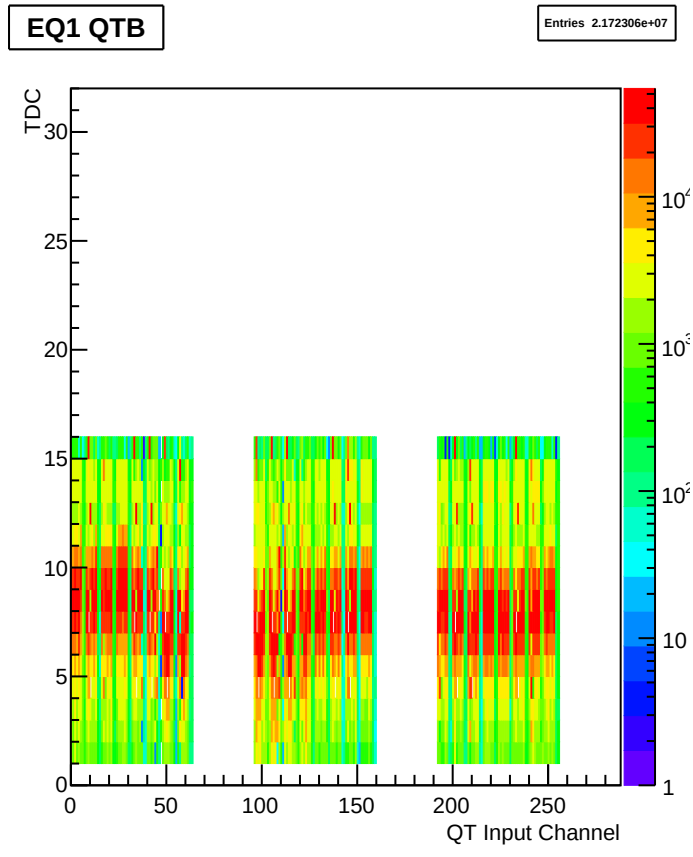

BBQ-VP001 East
Entries 3447792
ADC
QT Input Channel

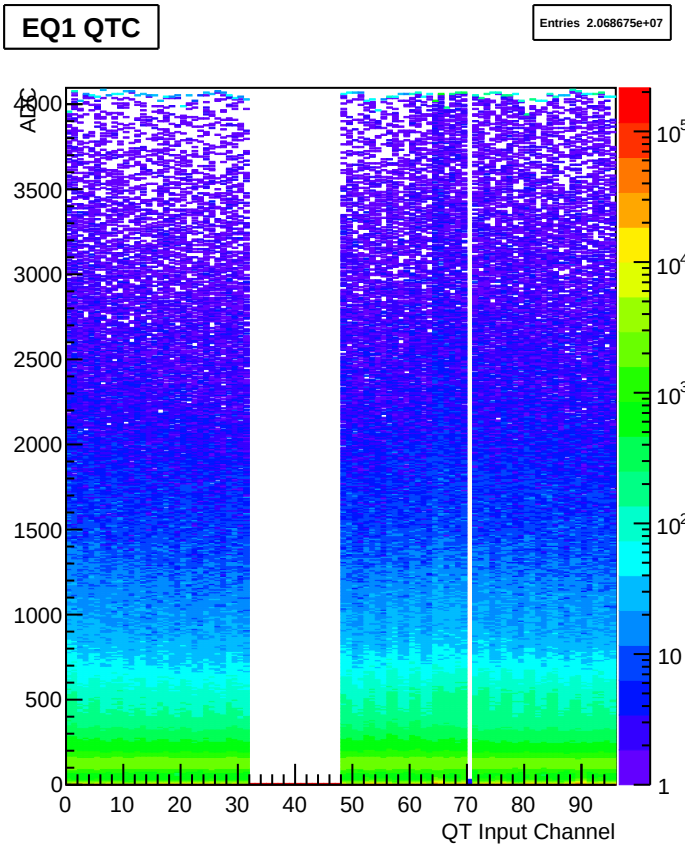

BBQ-VP001 East
Entries 3447792
ADC
QT Input Channel

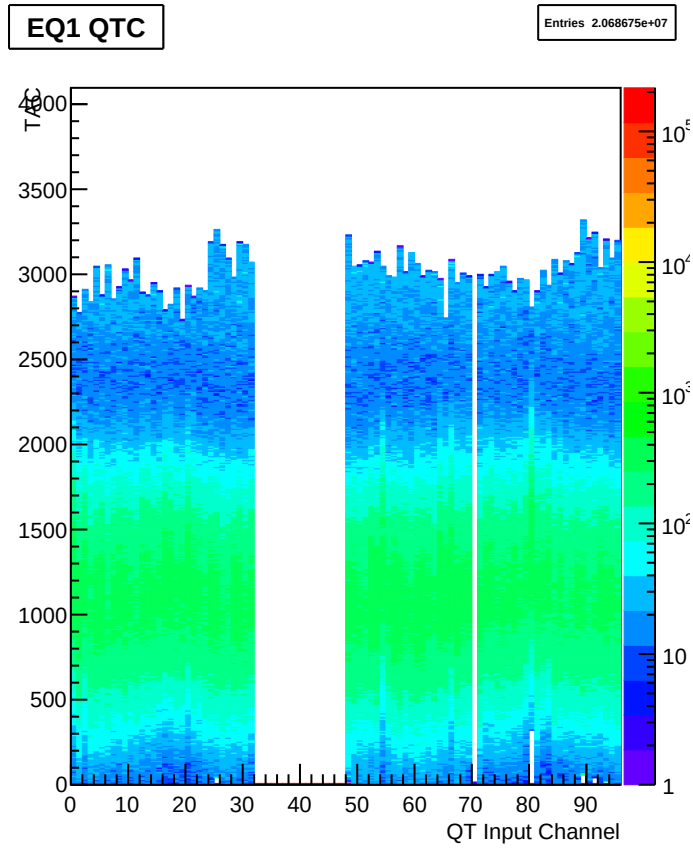

BBQ-VP002 West
Entries 3447792
ADC
QT Input Channel

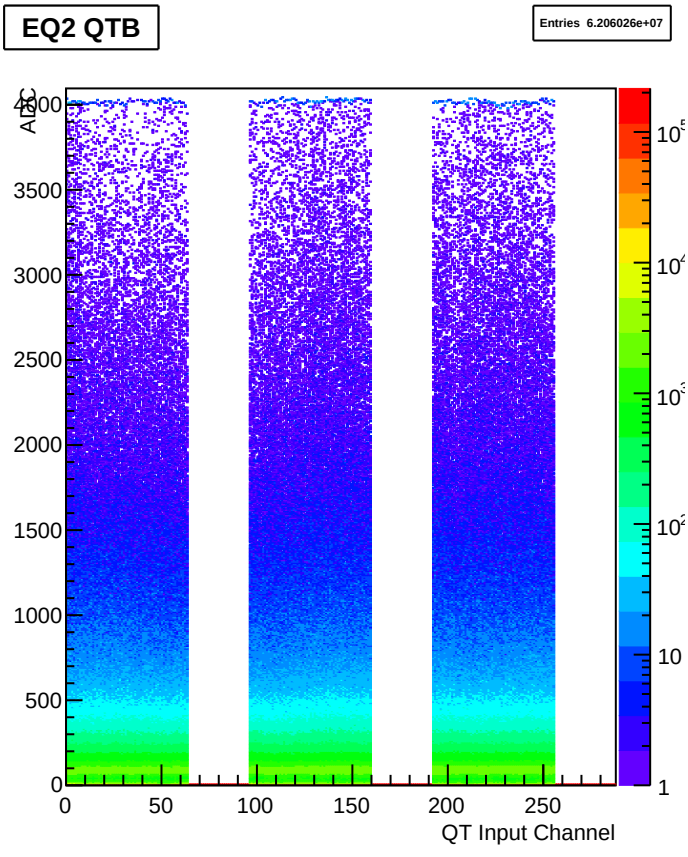

BBQ-VP002 West
Entries 3447792
ADC
QT Input Channel

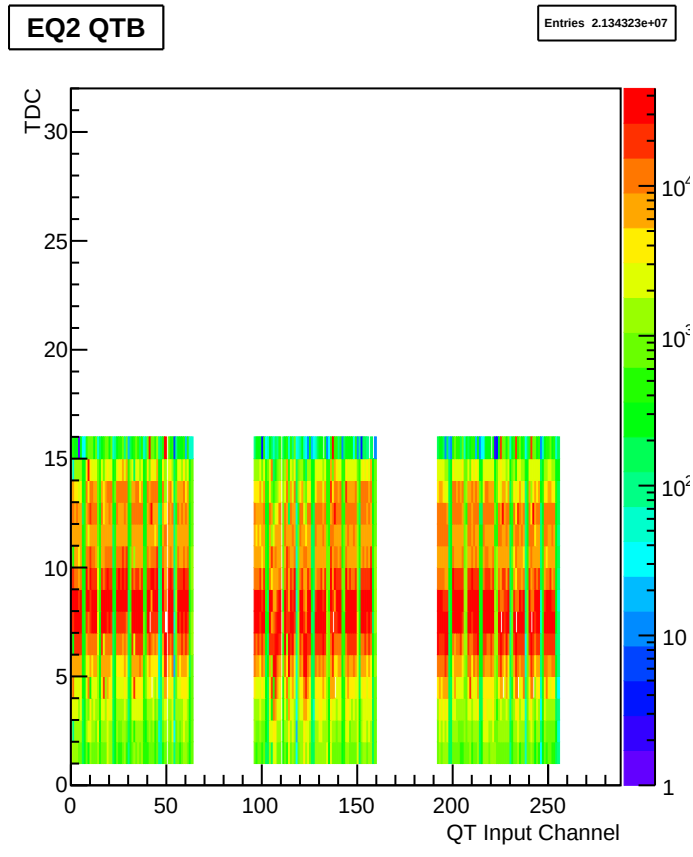

EQ1 QTB
Entries 6.206026e+07
ADC
QT Input Channel

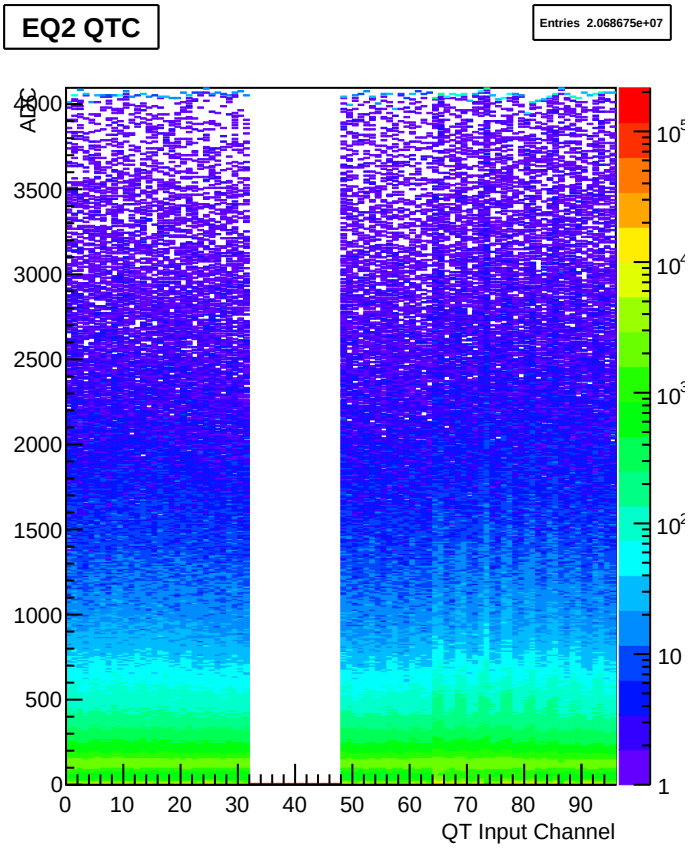

EQ1 QTB
Entries 2.172306e+07
TDC
QT Input Channel

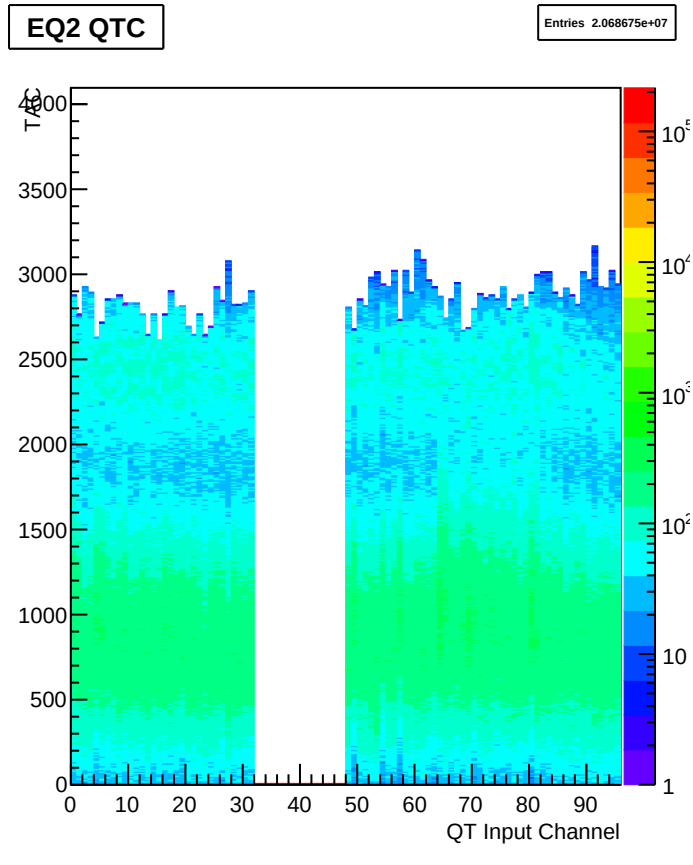

EQ1 QTC
Entries 2.068675e+07
ADC
QT Input Channel

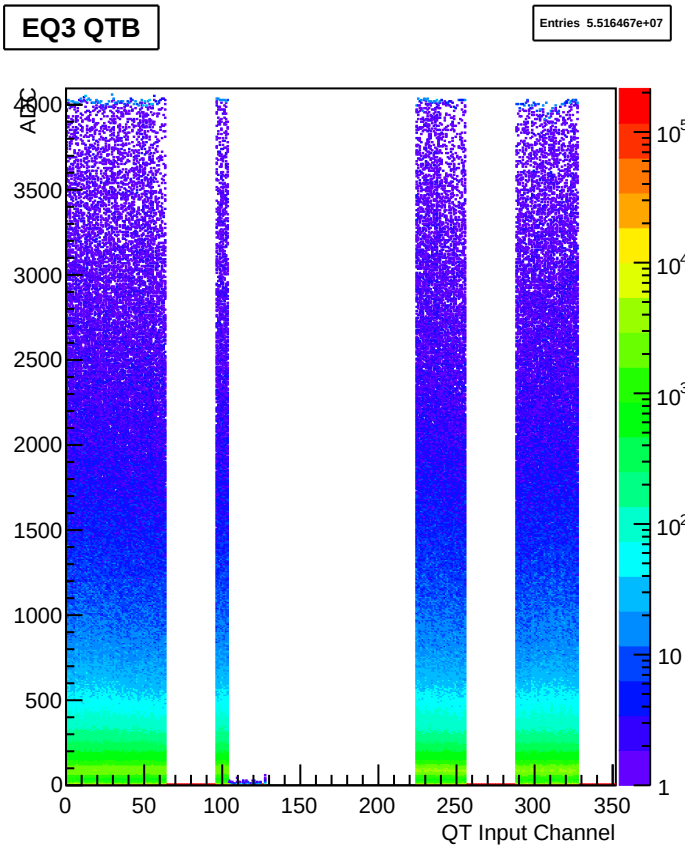

EQ1 QTC
Entries 2.068675e+07
TADC
QT Input Channel

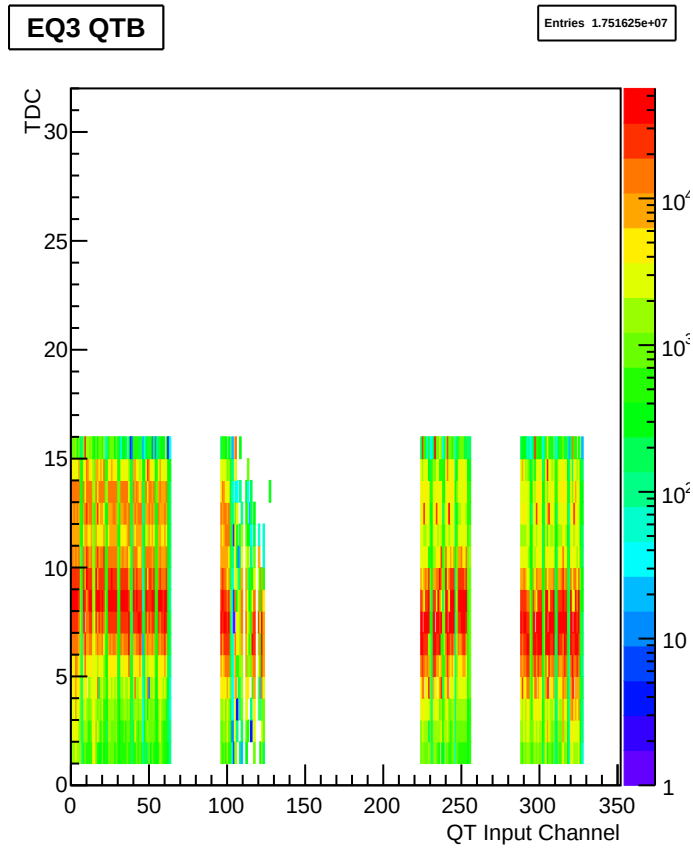

EQ2 QTB
Entries 6.206026e+07
ADC
QT Input Channel

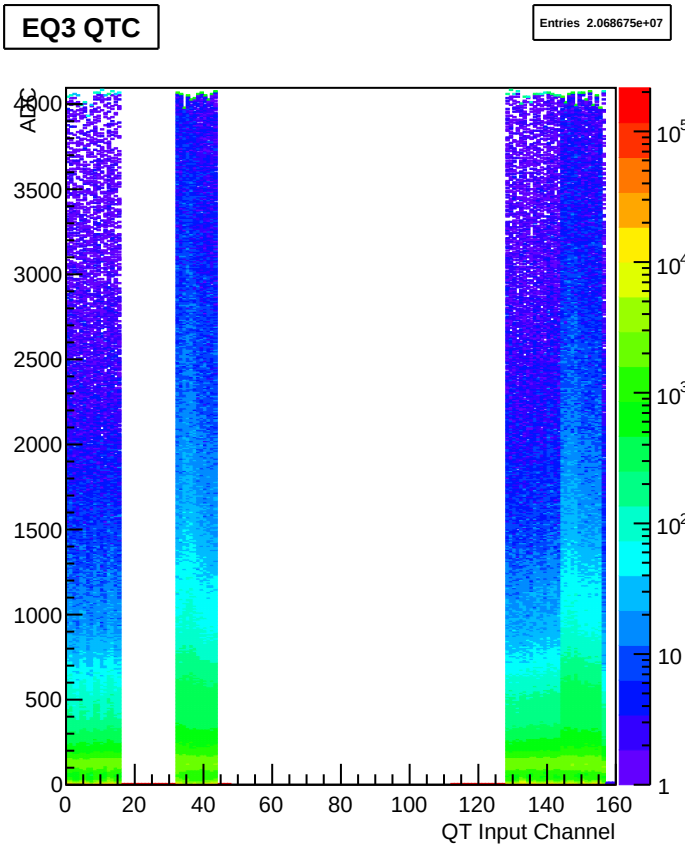

EQ2 QTB
Entries 2.134323e+07
TDC
QT Input Channel

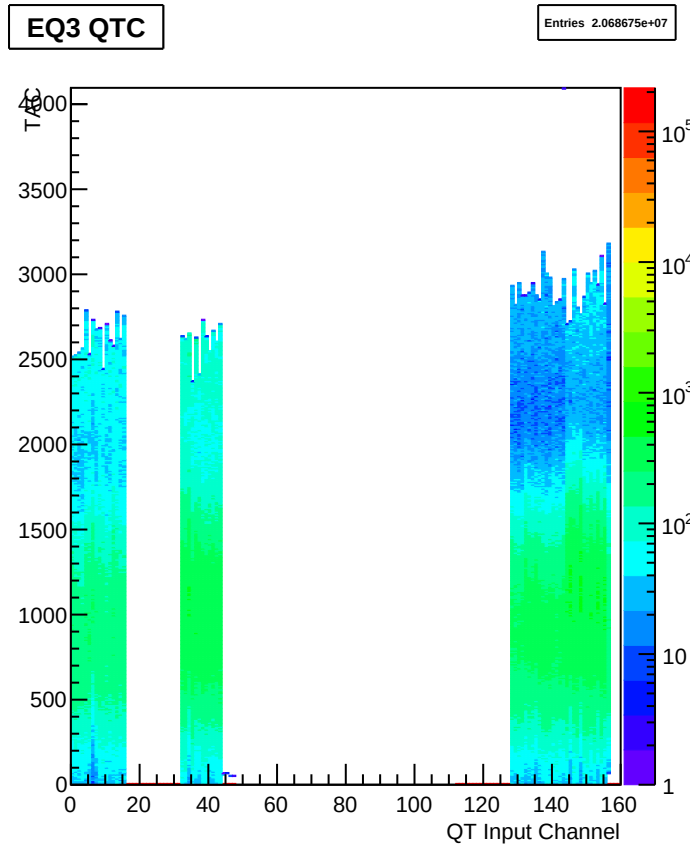

EQ2 QTC
Entries 2.068675e+07
ADC
QT Input Channel

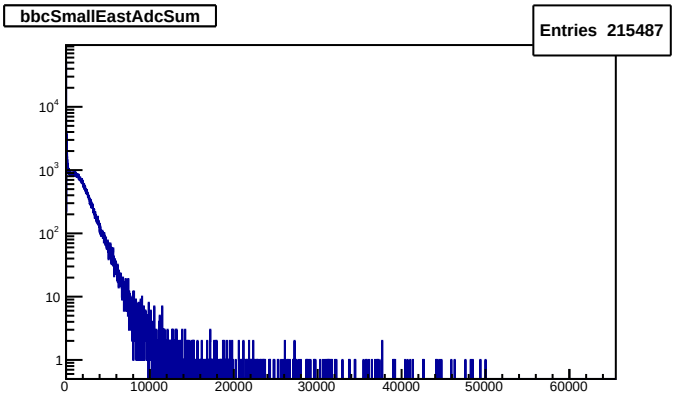

EQ2 QTC
Entries 2.068675e+07
TADC
QT Input Channel

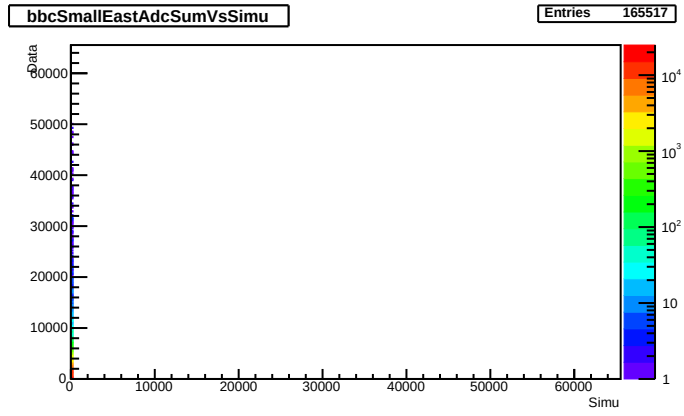

EQ3 QTB
Entries 5.516467e+07
ADC
QT Input Channel

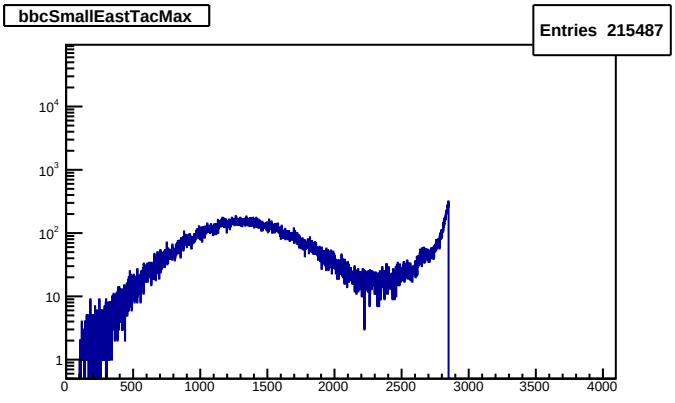

EQ3 QTB
Entries 1.751625e+07
TDC
QT Input Channel

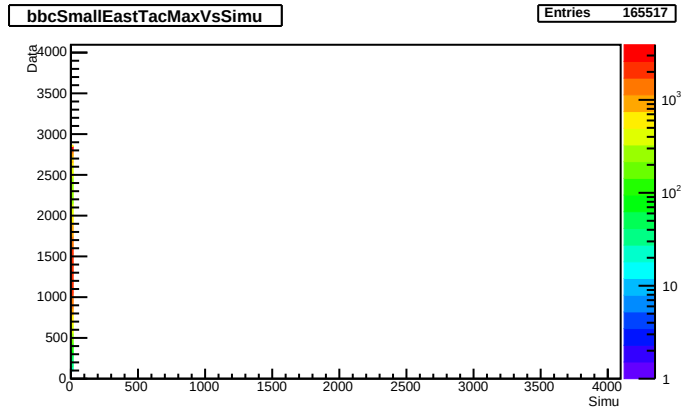

EQ3 QTC
Entries 2.068675e+07
ADC
QT Input Channel

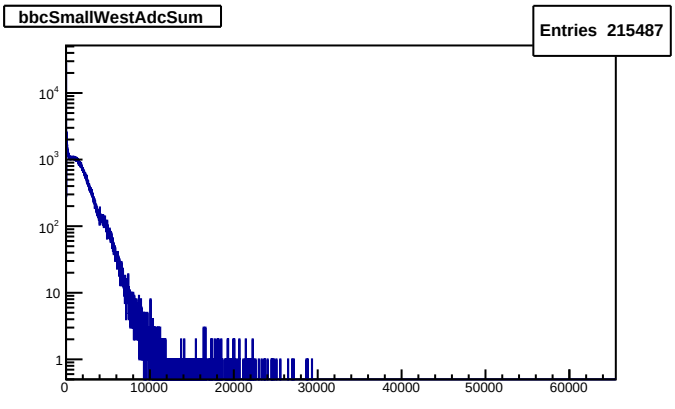

EQ3 QTC
Entries 2.068675e+07
TADC
QT Input Channel

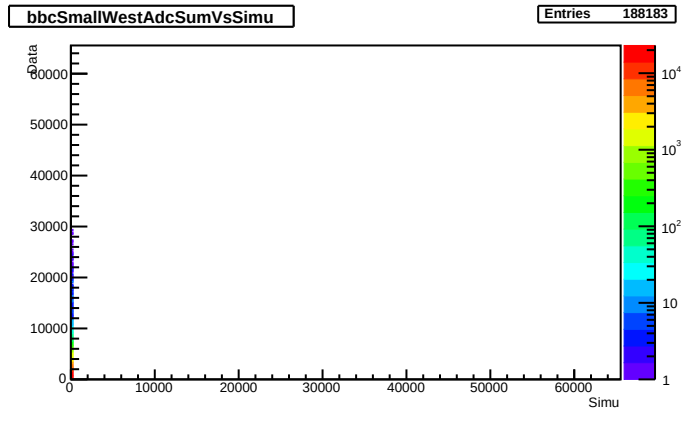

bbcSmallEastAdcSum
Entries 215487

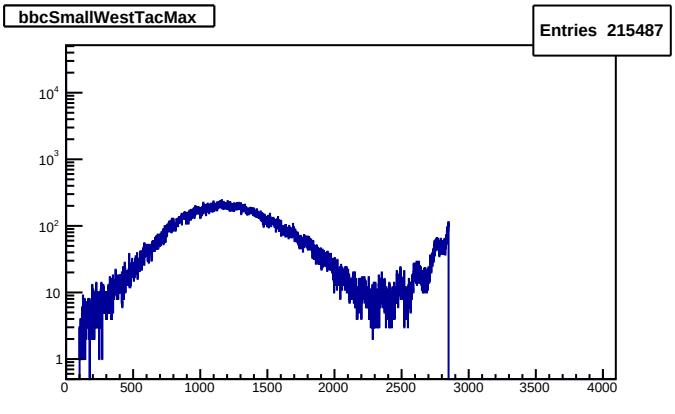

bbcSmallEastAdcSumVsSimu
Entries 165517
Data
Simu

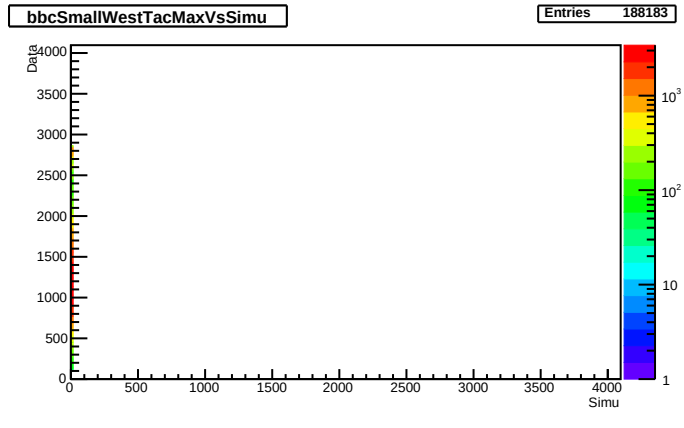

bbcSmallEastTacMax
Entries 215487

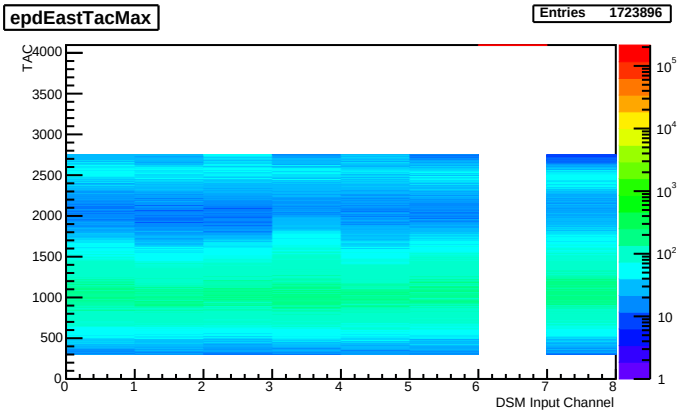

bbcSmallEastTacMaxVsSimu
Entries 165517
Data
Simu

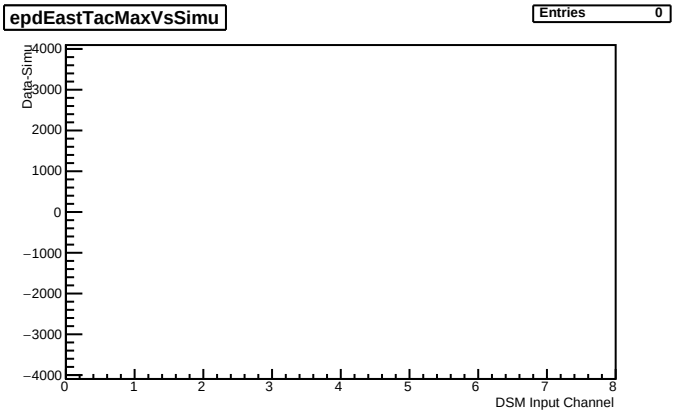

bbcSmallWestAdcSum
Entries 215487

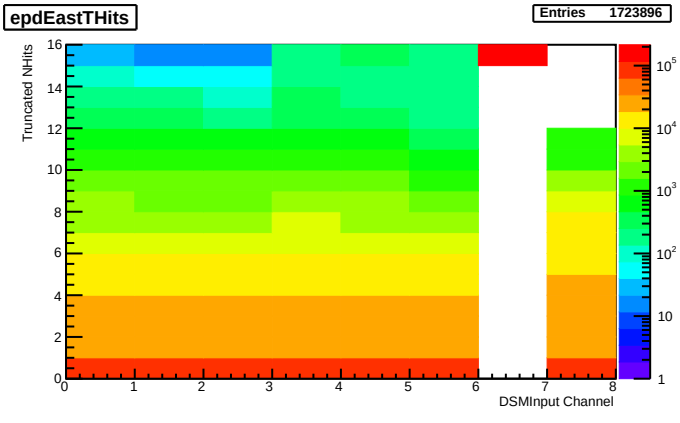

bbcSmallWestAdcSumVsSimu
Entries 188183
Data
Simu

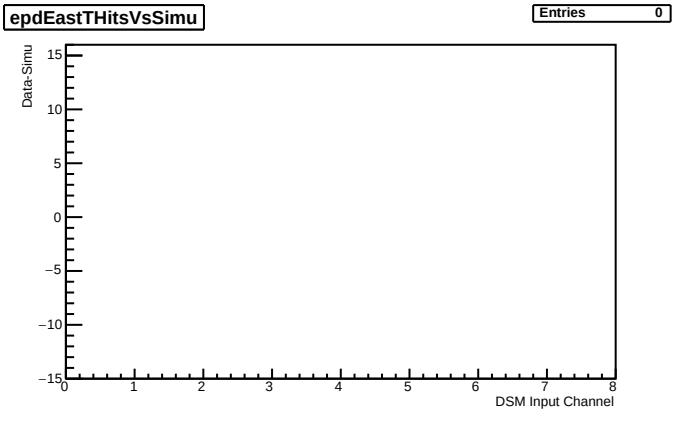

bbcSmallWestTacMax
Entries 215487

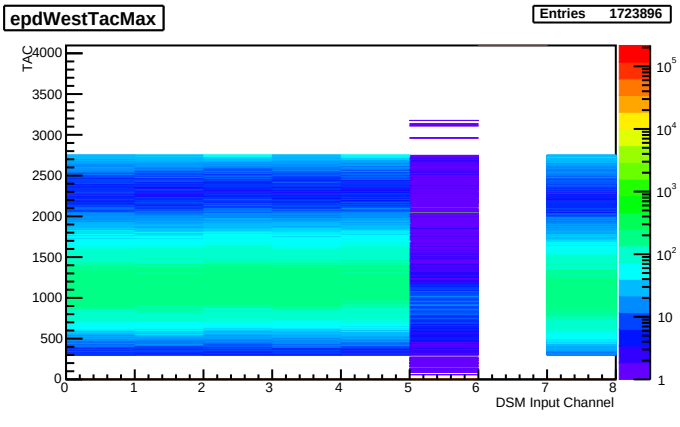

bbcSmallWestTacMaxVsSimu
Entries 188183
Data
Simu

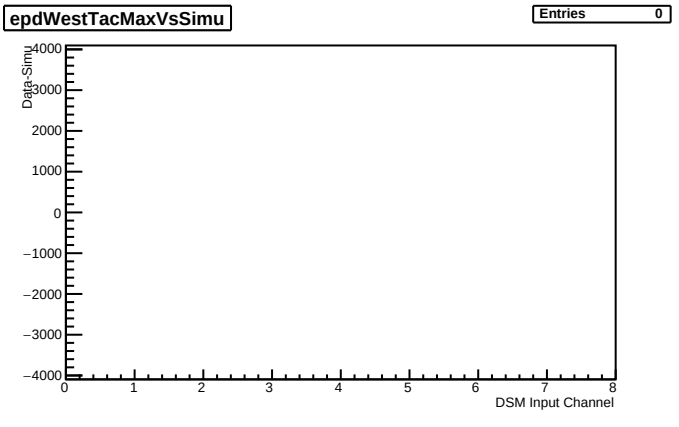

epdEastTacMax
Entries 1723896
TAC
DSM Input Channel

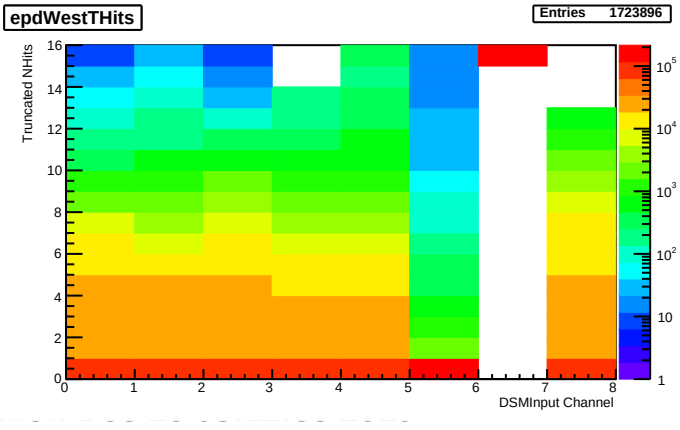

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

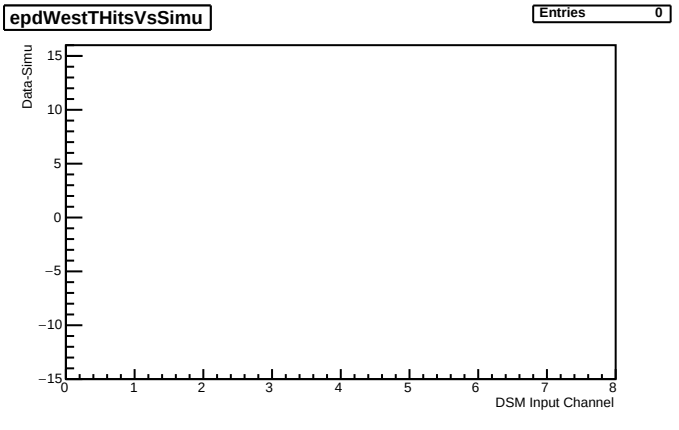

epdEastTHits
Entries 1723896
Truncated NHits
DSMInput Channel

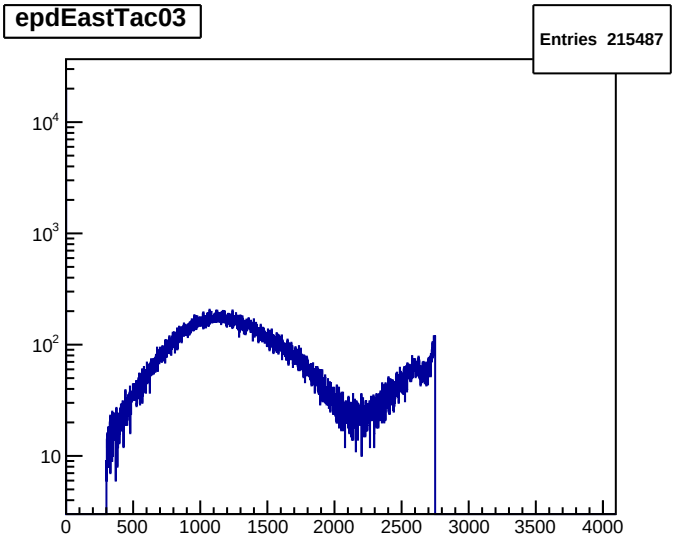

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

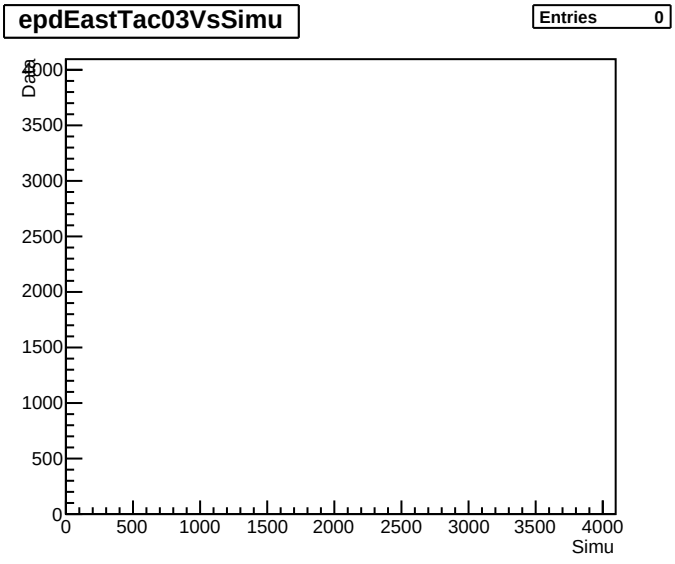

epdWestTacMax
Entries 1723896
TAC
DSM Input Channel

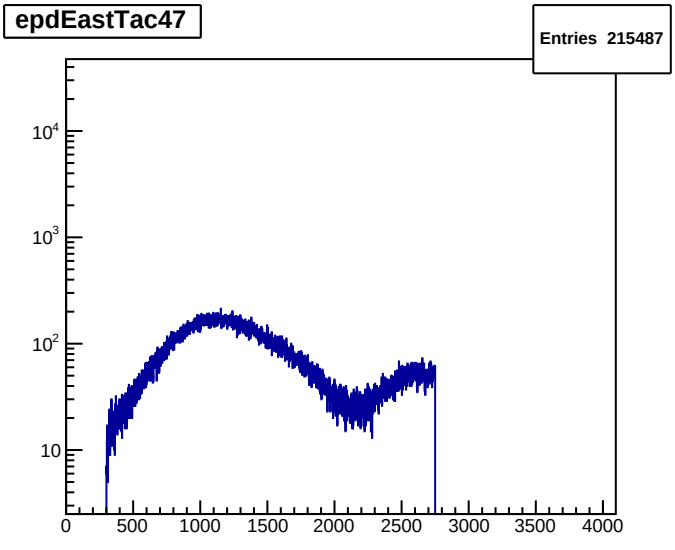

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

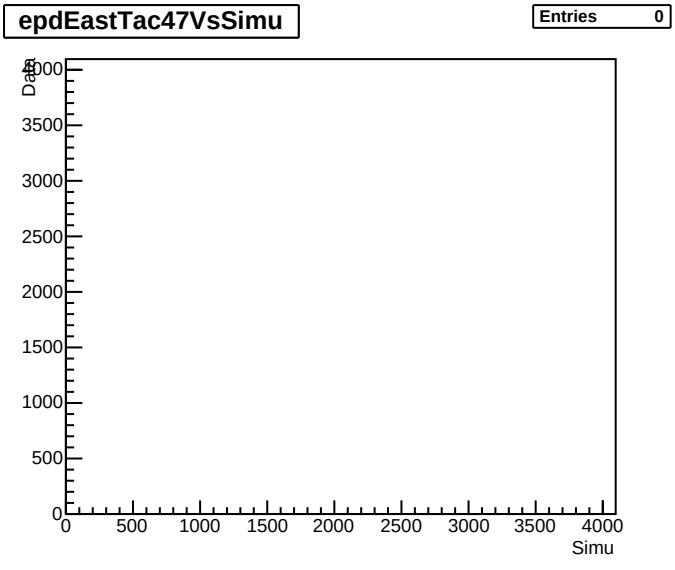

epdWestTHits
Entries 1723896
Truncated NHits
DSMInput Channel

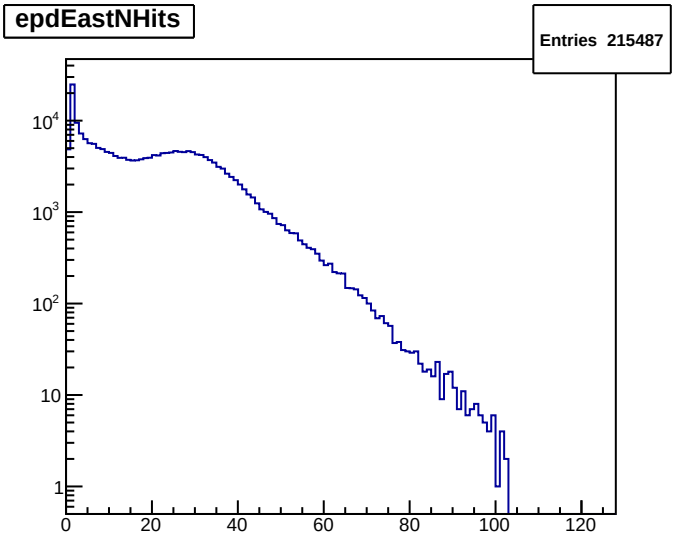

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

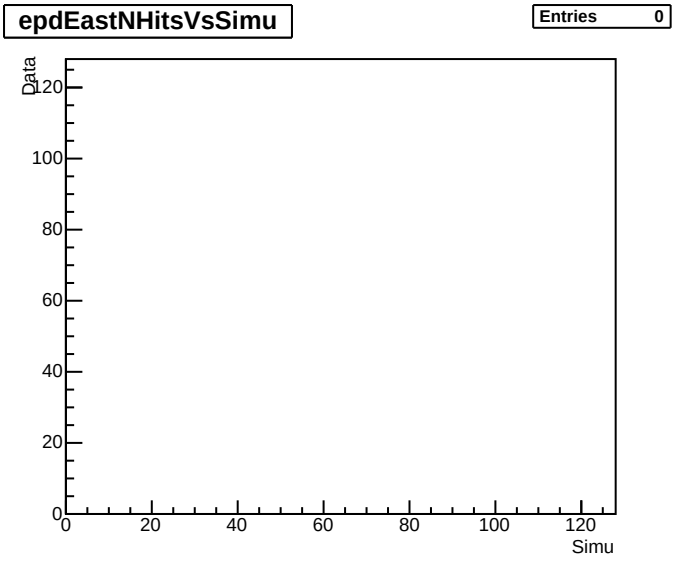

epdEastTac03
Entries 215487


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 215487


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 215487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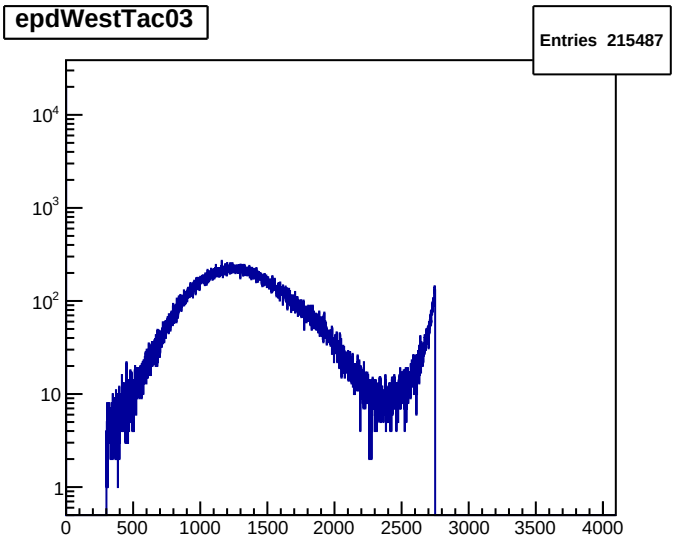
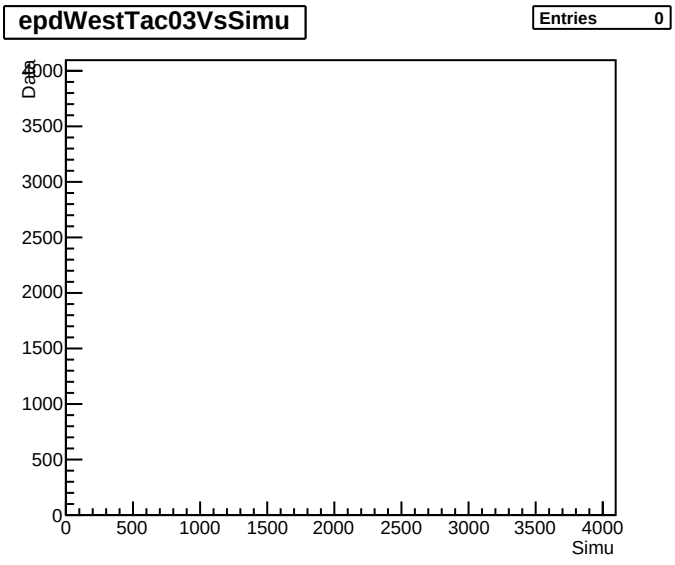
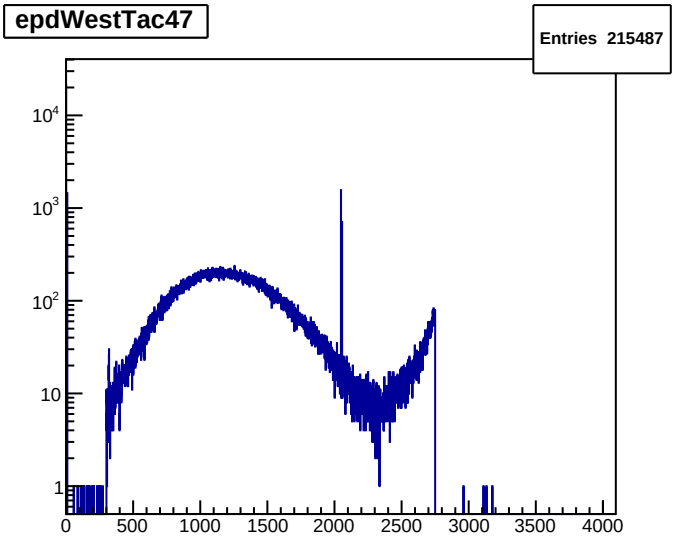
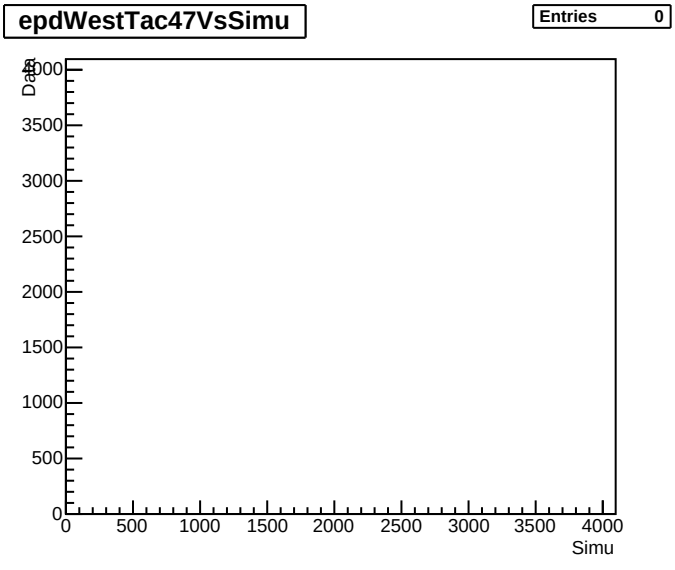
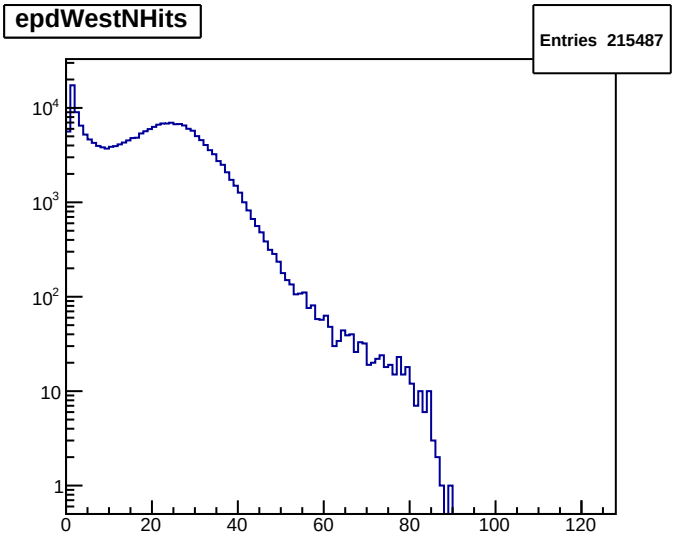
Entries 0
Data
Simu

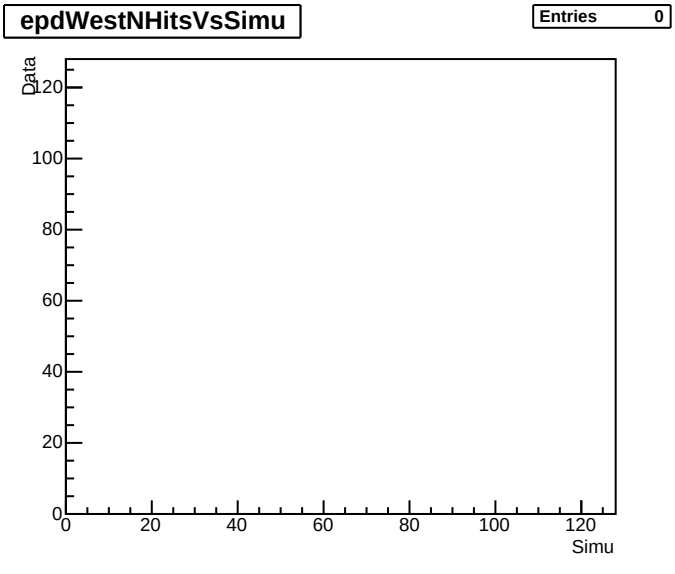

epdWestTac03
Entries 215487

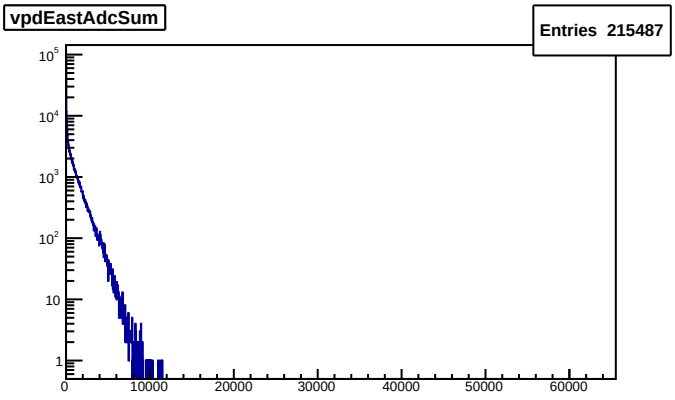

epdWestTac03VsSimu
Entries 0
Data
Simu

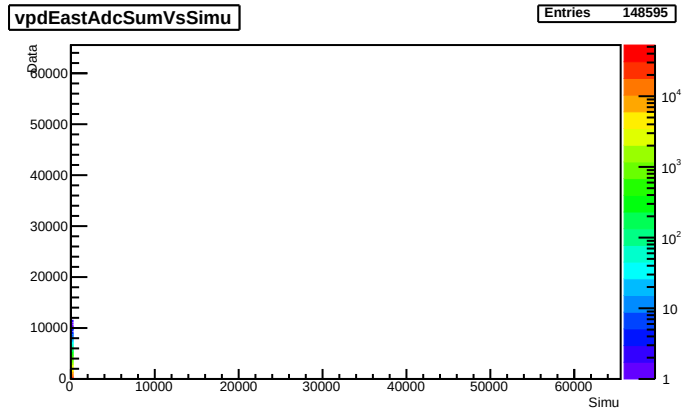

epdWestTac47
Entries 215487

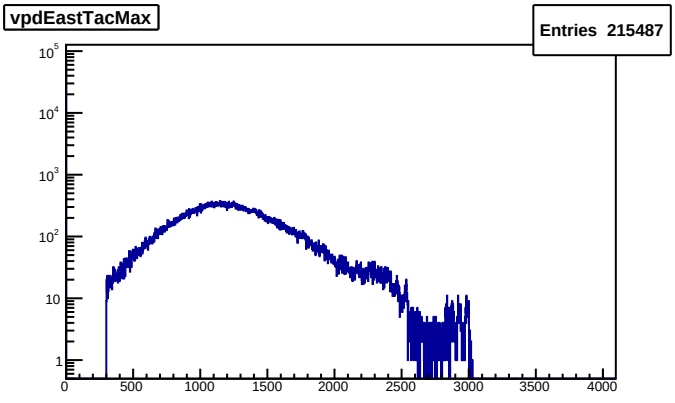

epdWestTac47VsSimu
Entries 0
Data
Simu

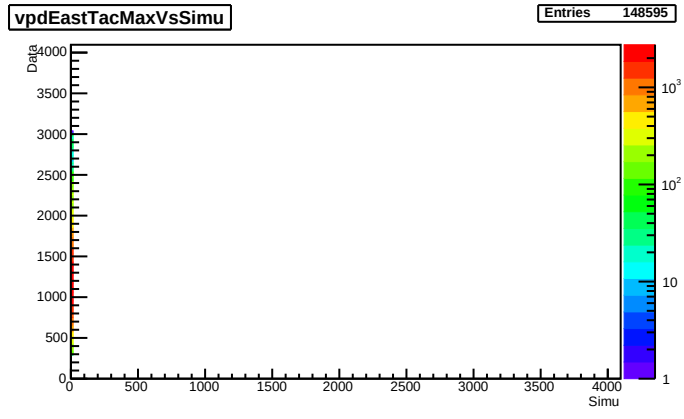

epdWestNHits
Entries 215487

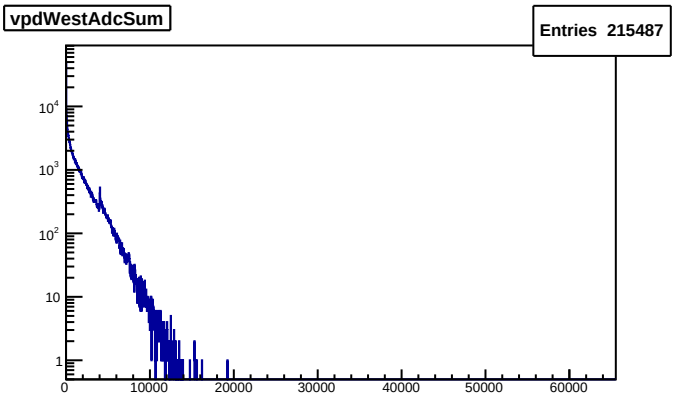

epdWestNHitsVsSimu
Entries 0
Data
Simu

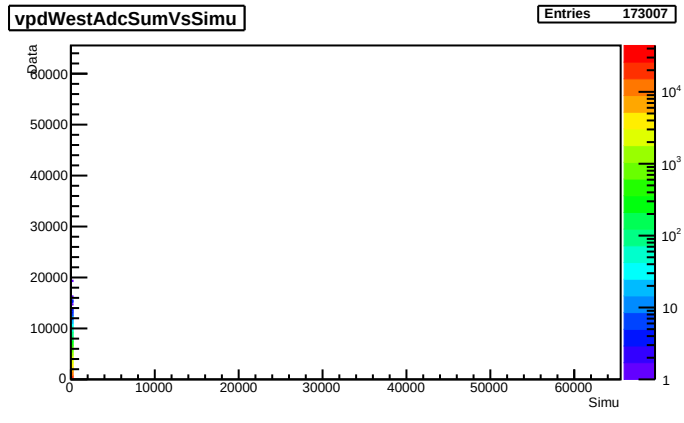

vpdEastAdcSum
Entries 215487

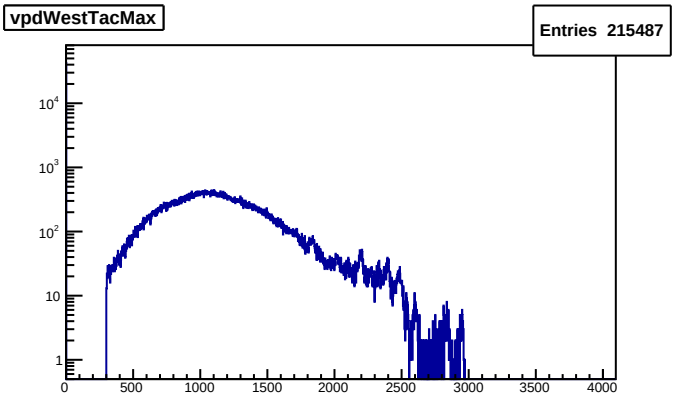

vpdEastAdcSumVsSimu
Entries 148595
Data
Simu

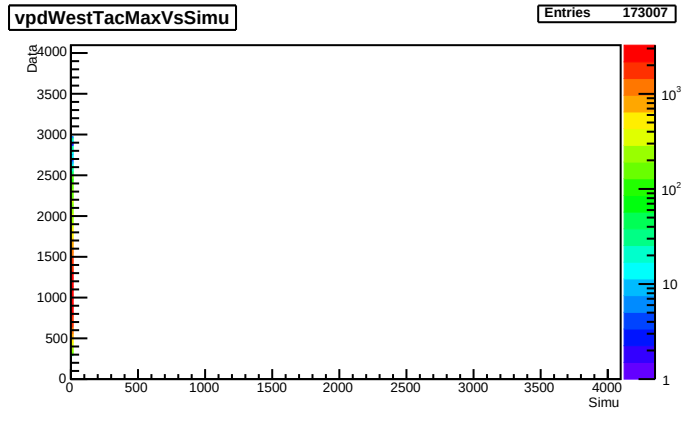

vpdEastTacMax
Entries 215487

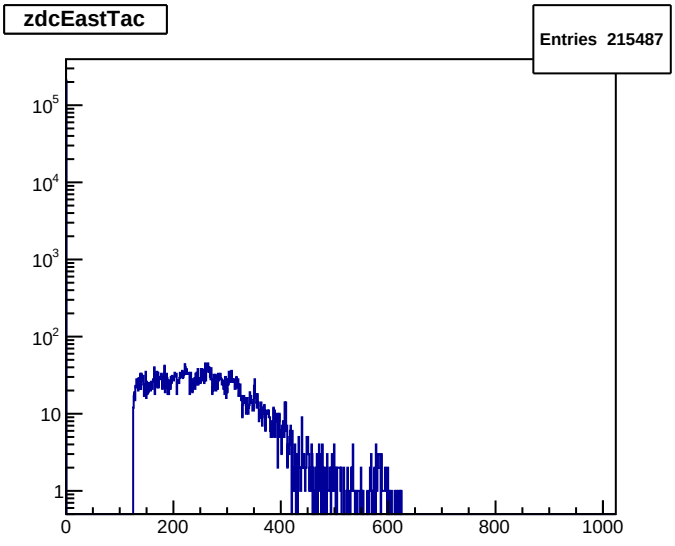

vpdEastTacMaxVsSimu
Entries 148595
Data
Simu

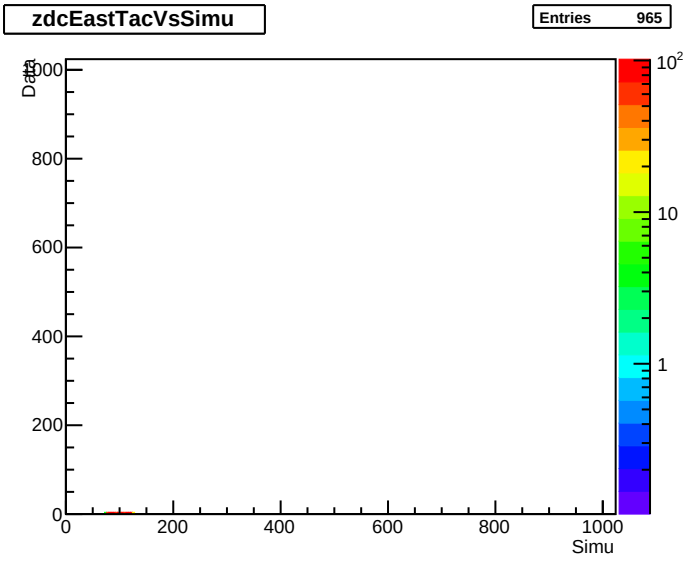

vpdWestAdcSum
Entries 215487

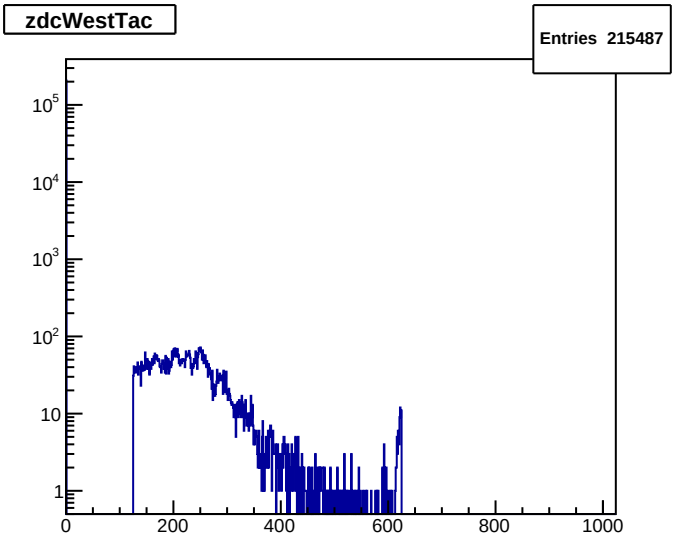

vpdWestAdcSumVsSimu
Entries 173007
Data
Simu

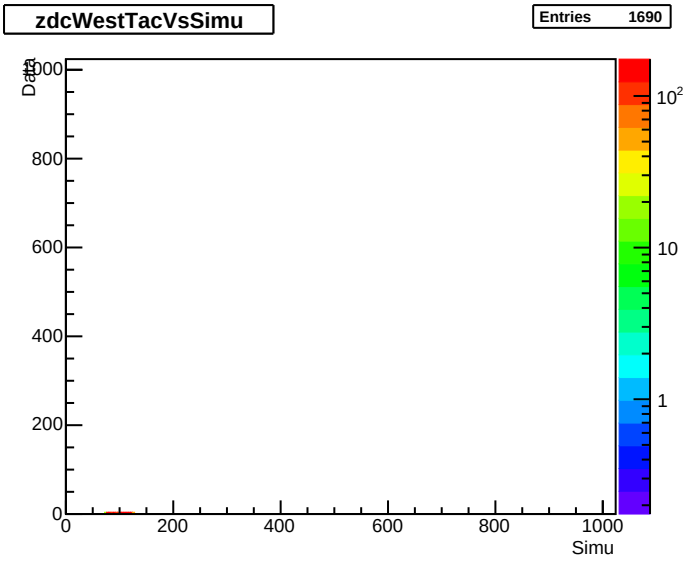

vpdWestTacMax
Entries 215487

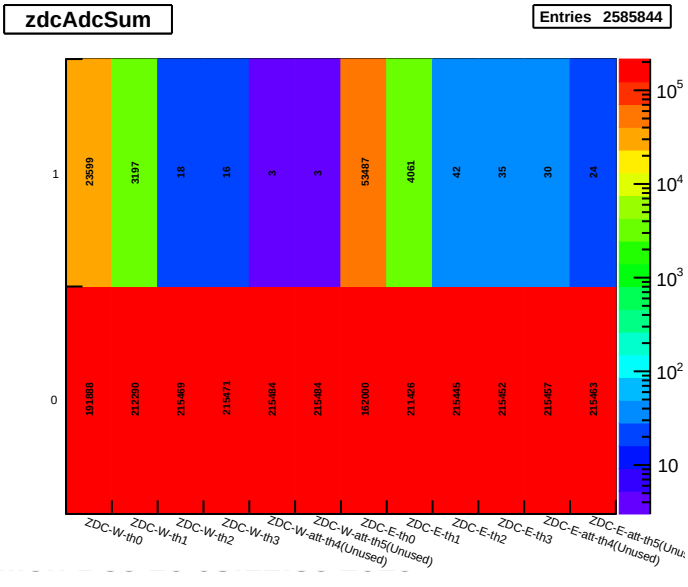

vpdWestTacMaxVsSimu
Entries 173007
Data
Simu

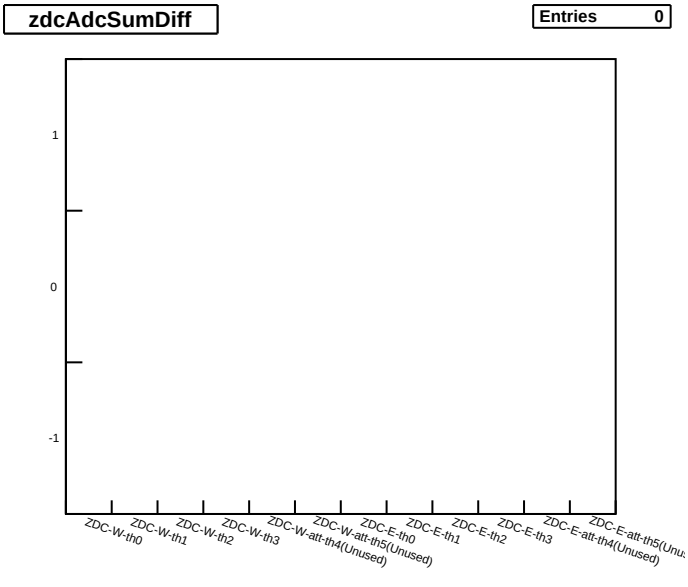

zdcEastTac
Entries 215487

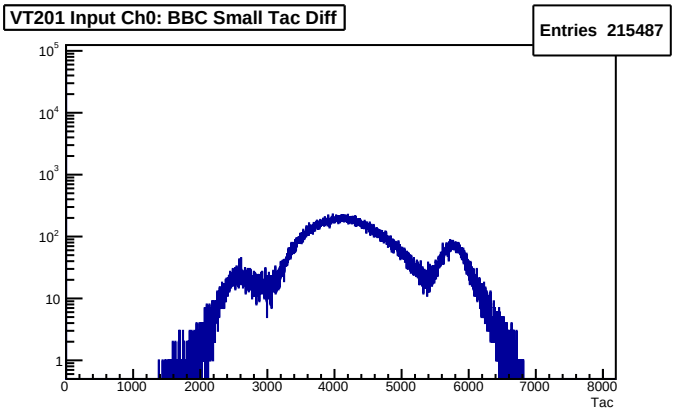

zdcEastTacVsSimu
Entries 965
Data
Simu

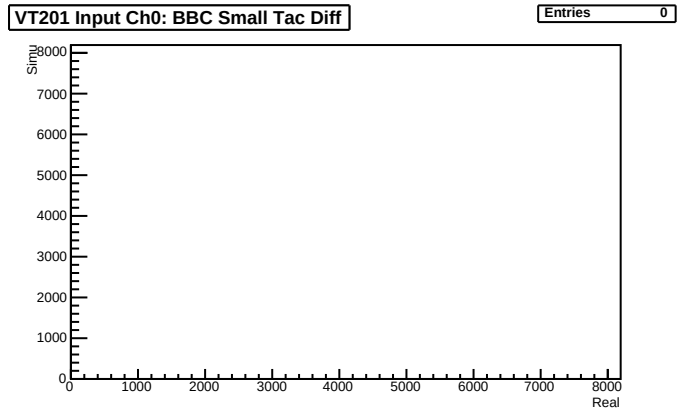

zdcWestTac
Entries 215487

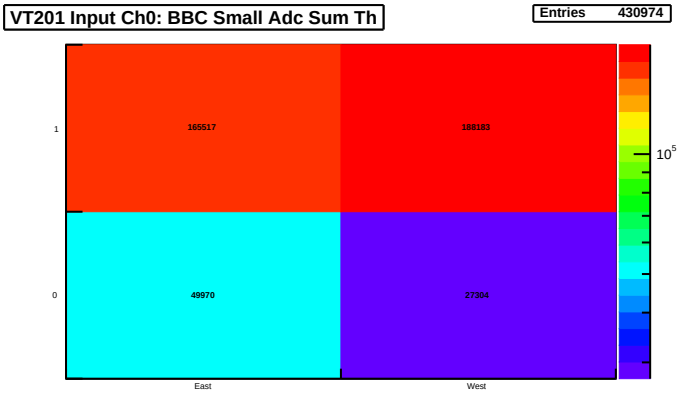

zdcWestTacVsSimu
Entries 1690
Data
Simu

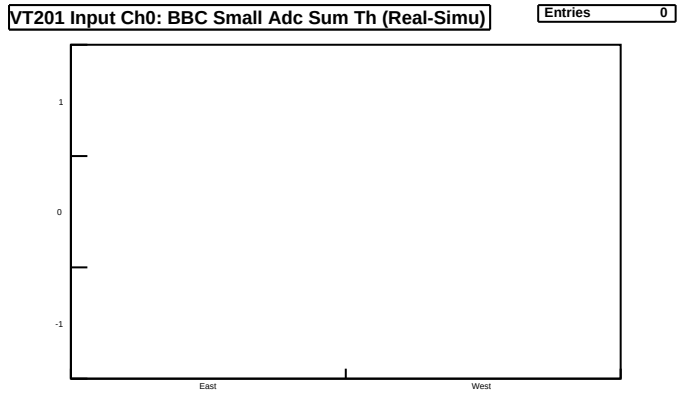

zdcAdcSum
Entries 2585844
23599
3197
18
16
3
3
53487
4061
42
35
30
24
191888
212290
215469
215471
215484
215484
162000
211426
215445
215452
215457
215463
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

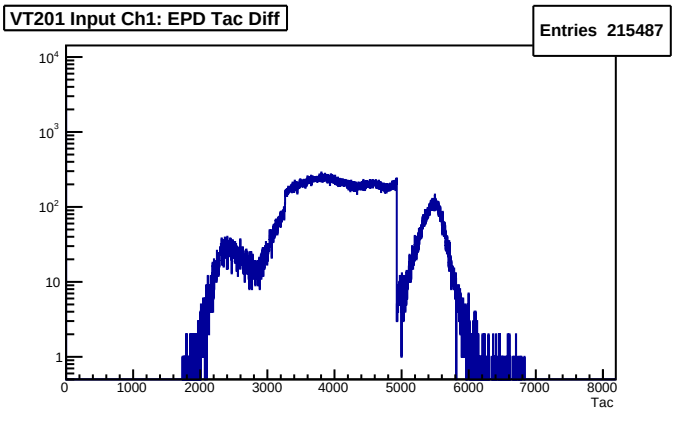

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

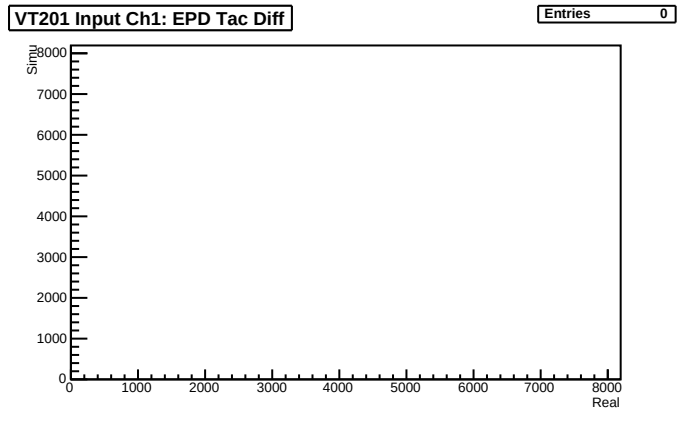

VT201 Input Ch0: BBC Small Tac Diff
Entries 215487
Tac

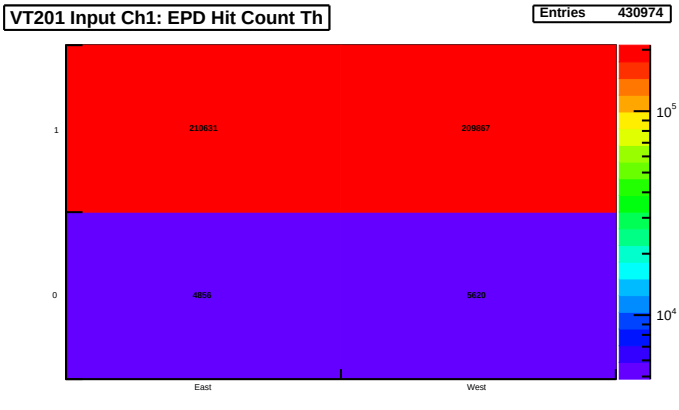

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

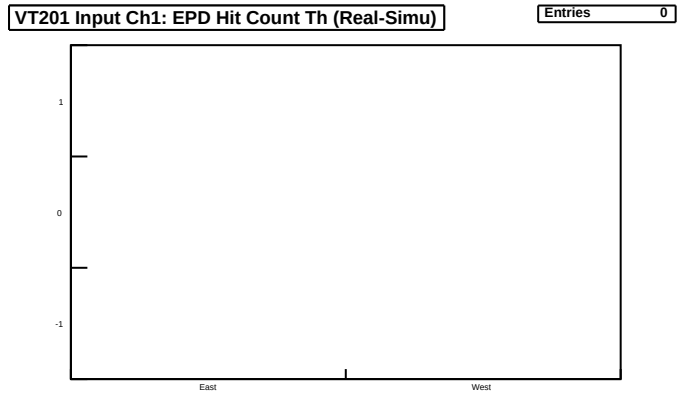

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 430974
165517
188183
49970
27304
East
West

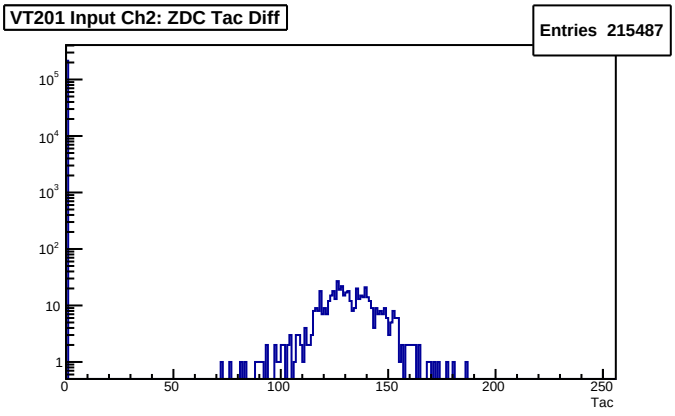

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

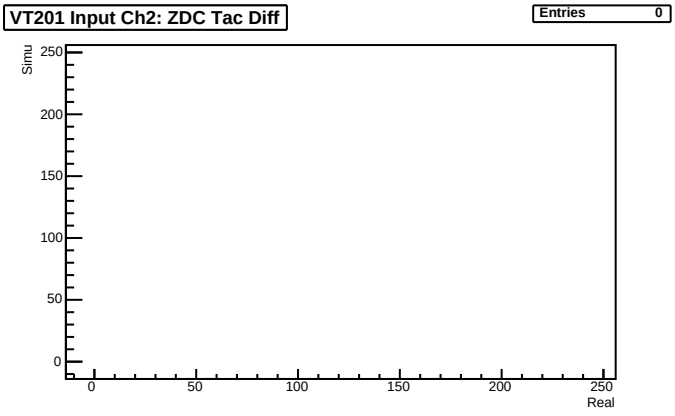

VT201 Input Ch1: EPD Tac Diff
Entries 215487
Tac

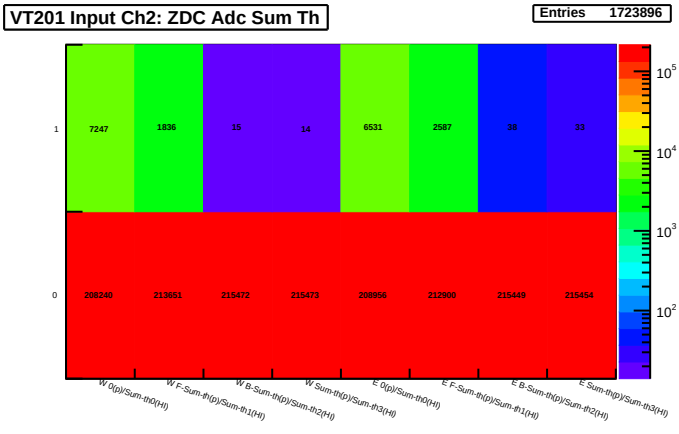

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

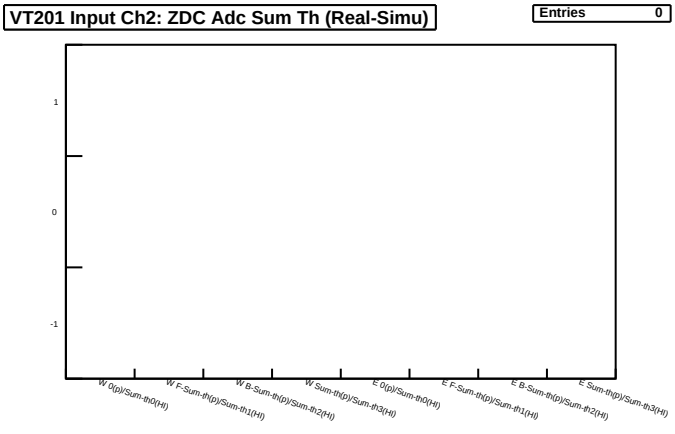

VT201 Input Ch1: EPD Hit Count Th
Entries 430974
210631
209867
4856
5620
East
West

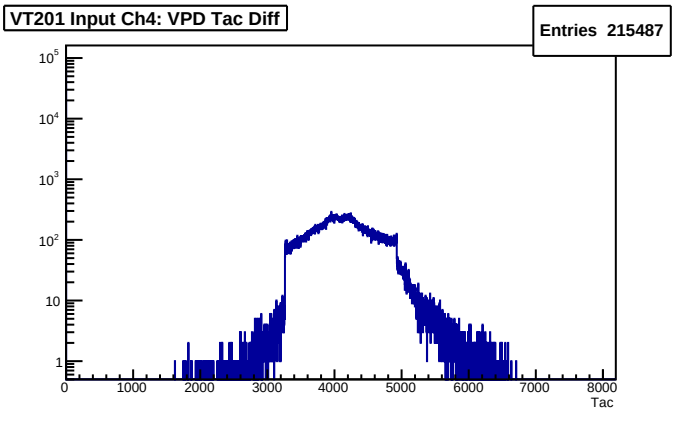

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

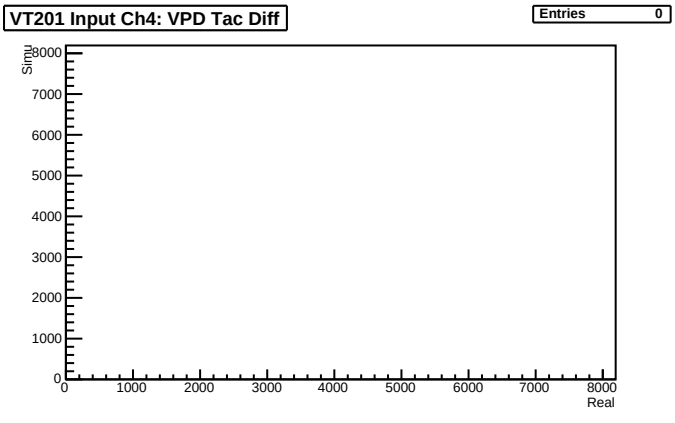

VT201 Input Ch2: ZDC Tac Diff
Entries 215487
Tac

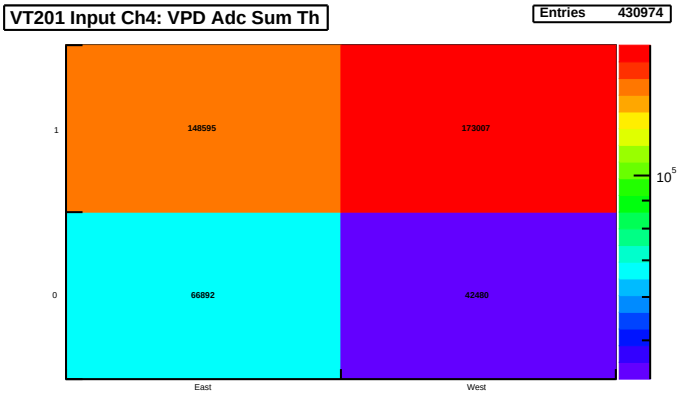

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

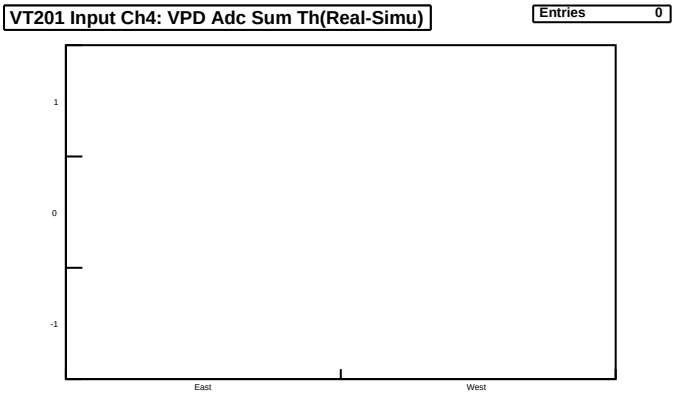

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1723896
7247
1836
15
14
6531
2587
38
33
208240
213651
215472
215473
208956
212900
215449
215454
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

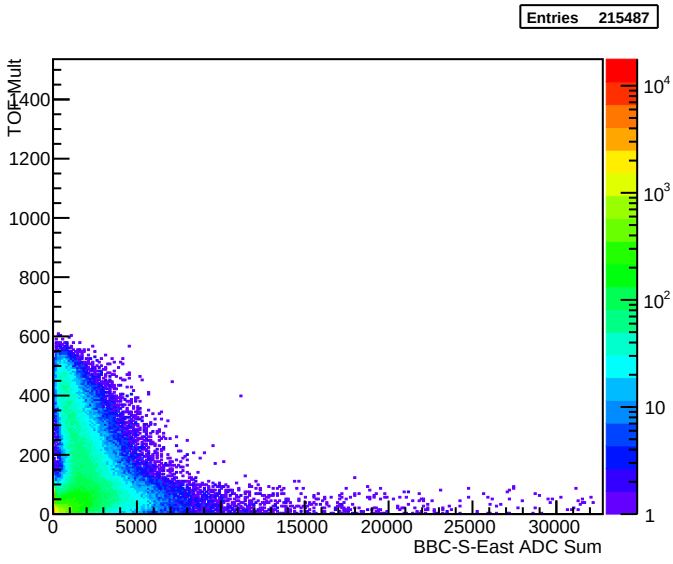

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

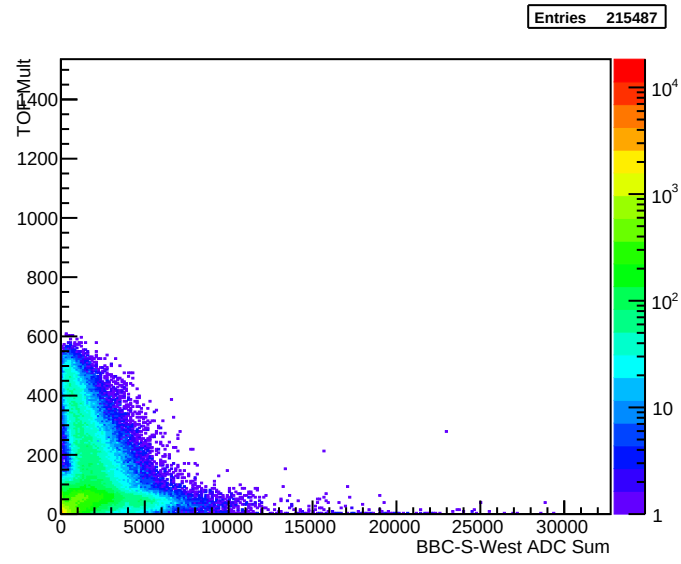

VT201 Input Ch4: VPD Tac Diff
Entries 215487
Tac

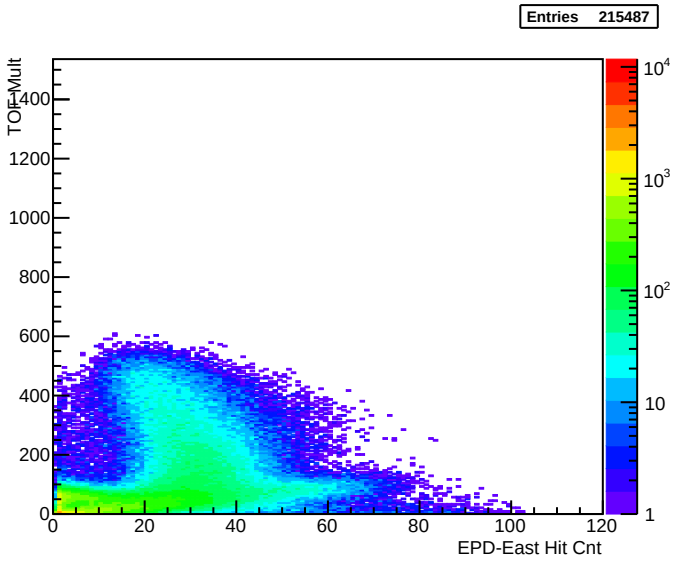

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

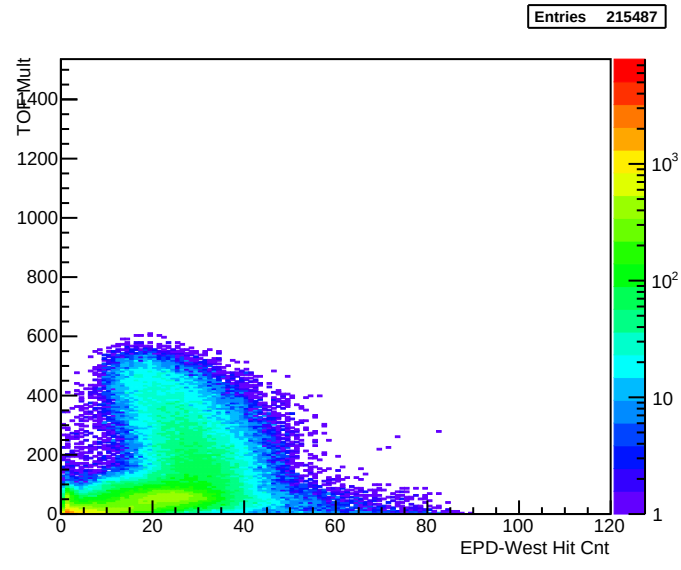

VT201 Input Ch4: VPD Adc Sum Th
Entries 430974
148595
173007
66892
42480
East
West

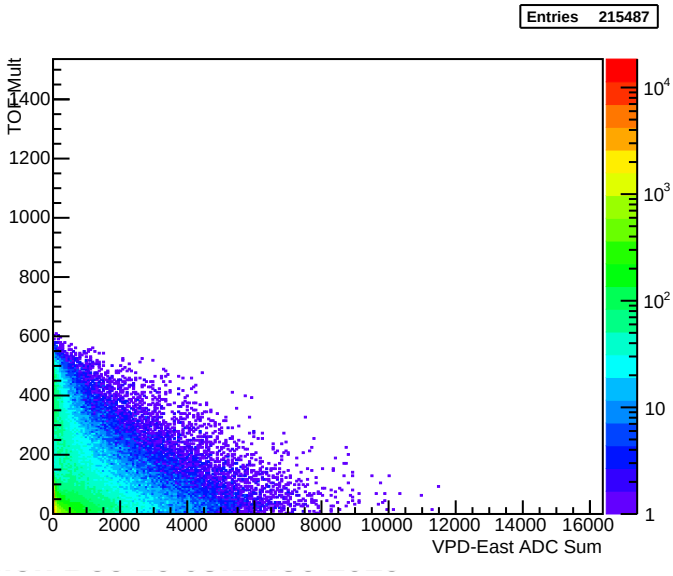

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

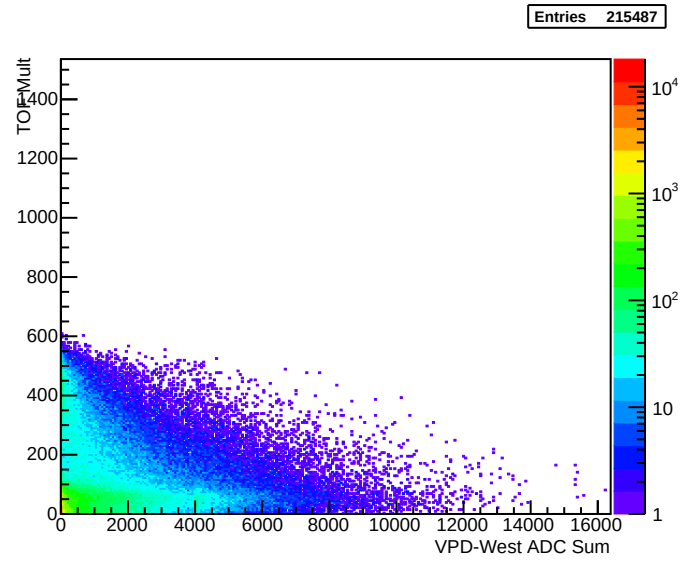

Entries 215487
TOF-Mult
BBC-S-East ADC Sum

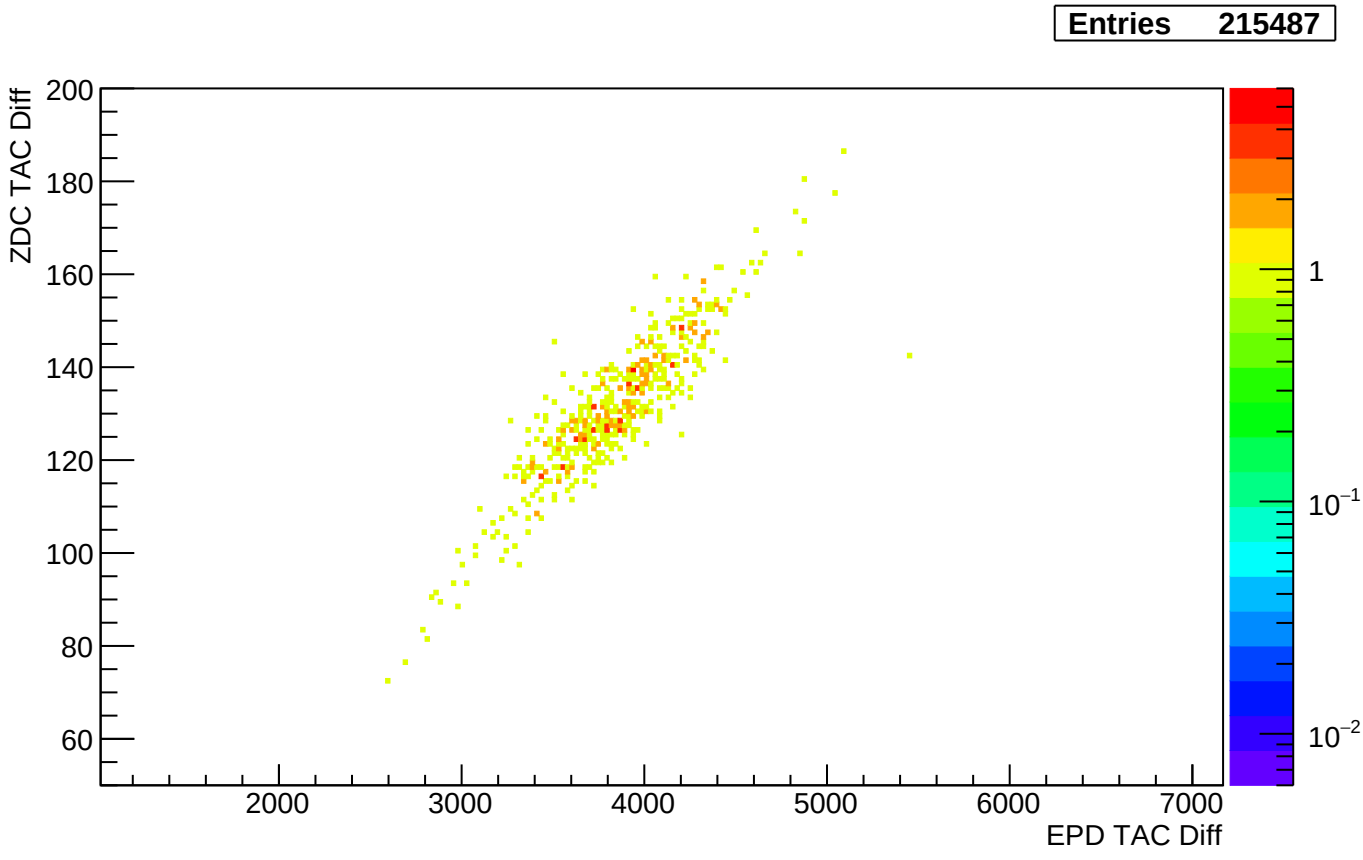

Entries 215487
TOF-Mult
BBC-S-West ADC Sum

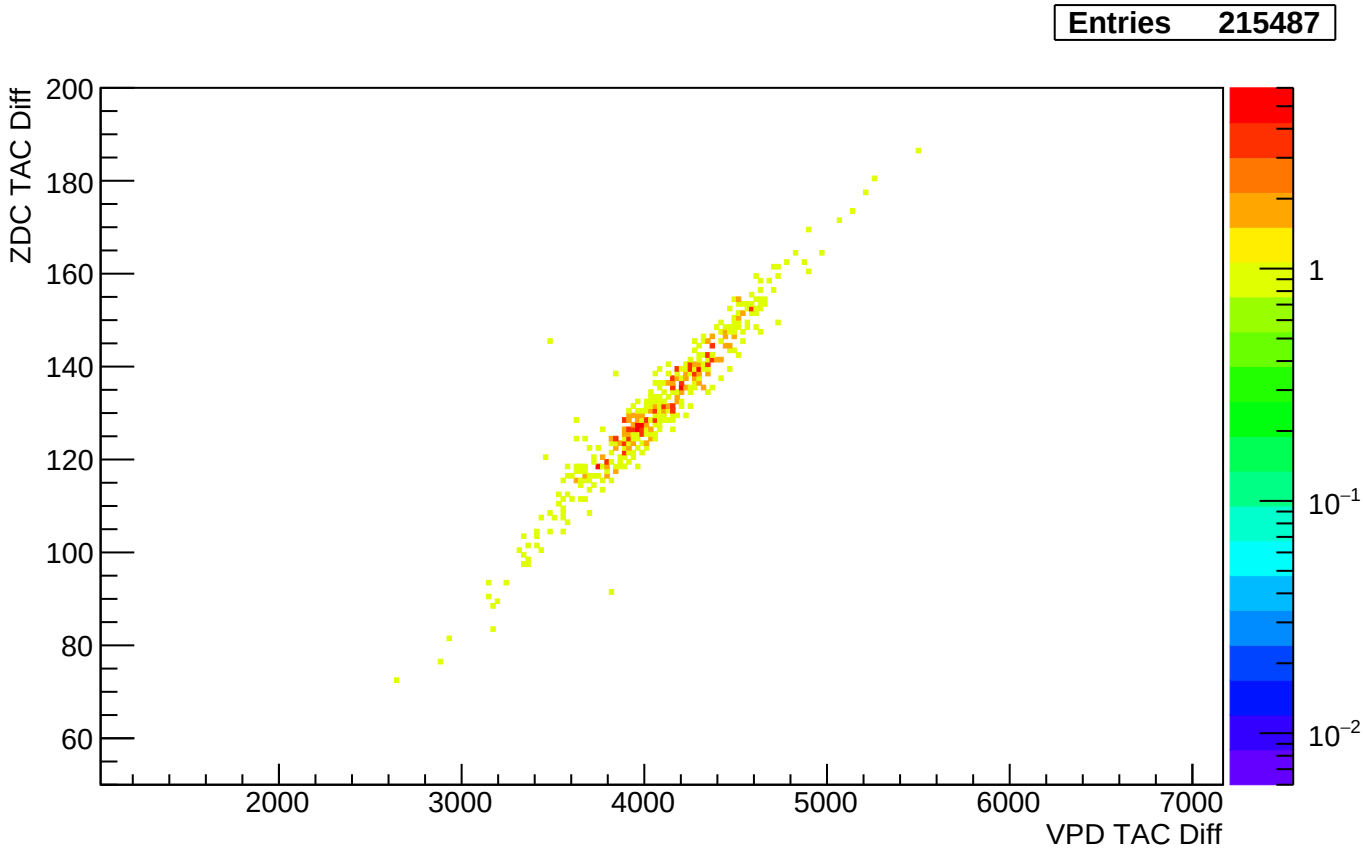

Entries 215487
TOF-Mult
EPD-East Hit Cnt

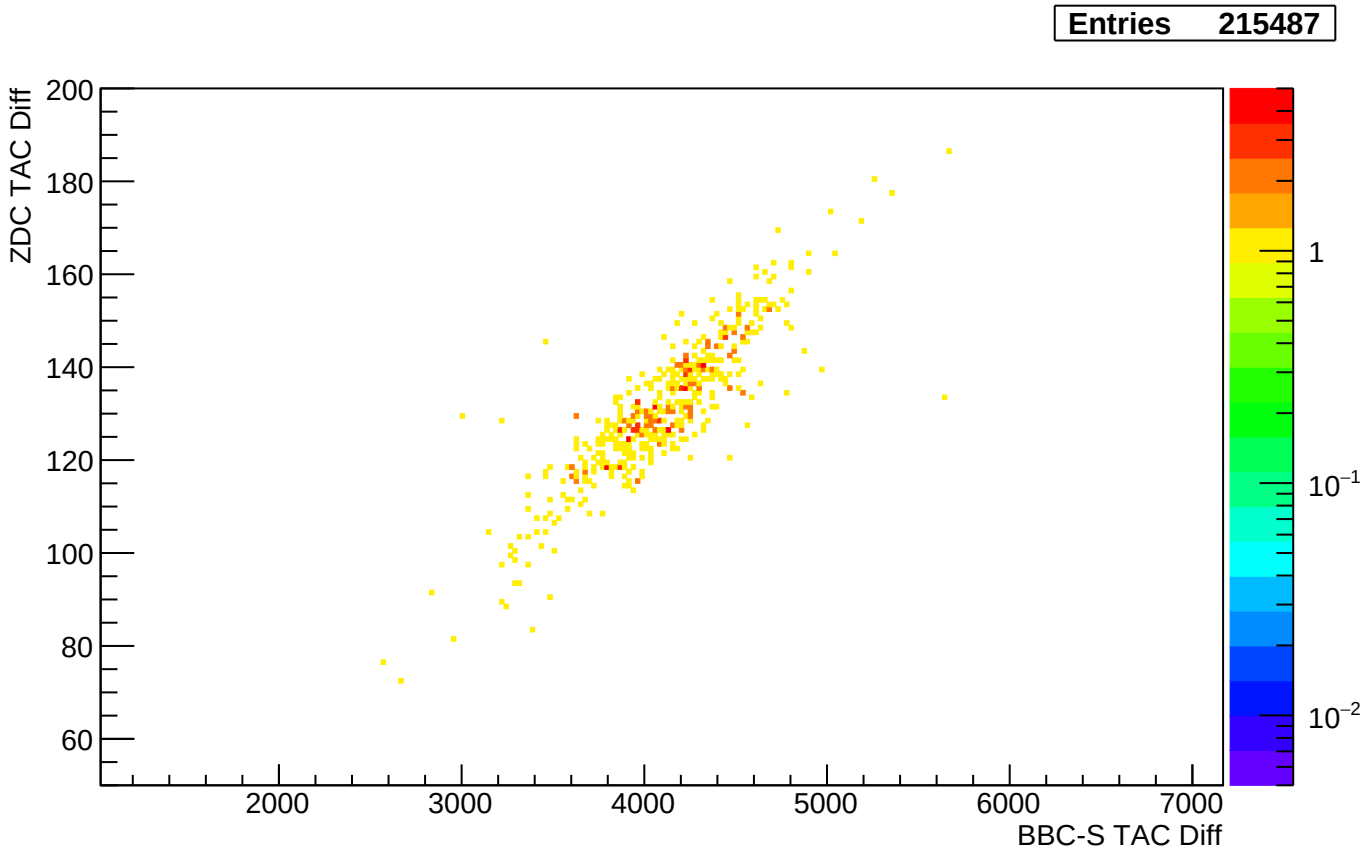

Entries 215487
TOF-Mult
EPD-West Hit Cnt

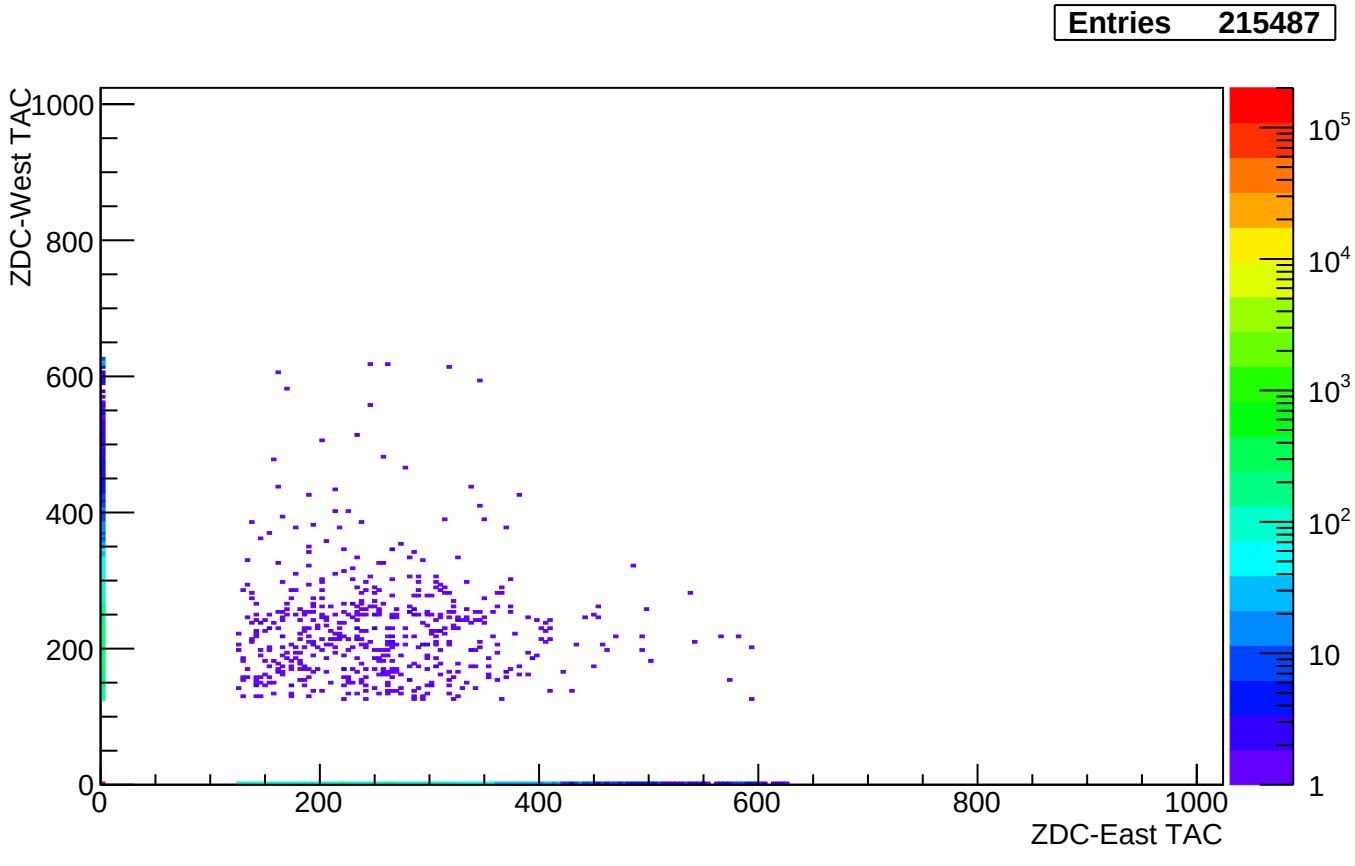

Entries 215487
TOF-Mult
VPD-East ADC Sum

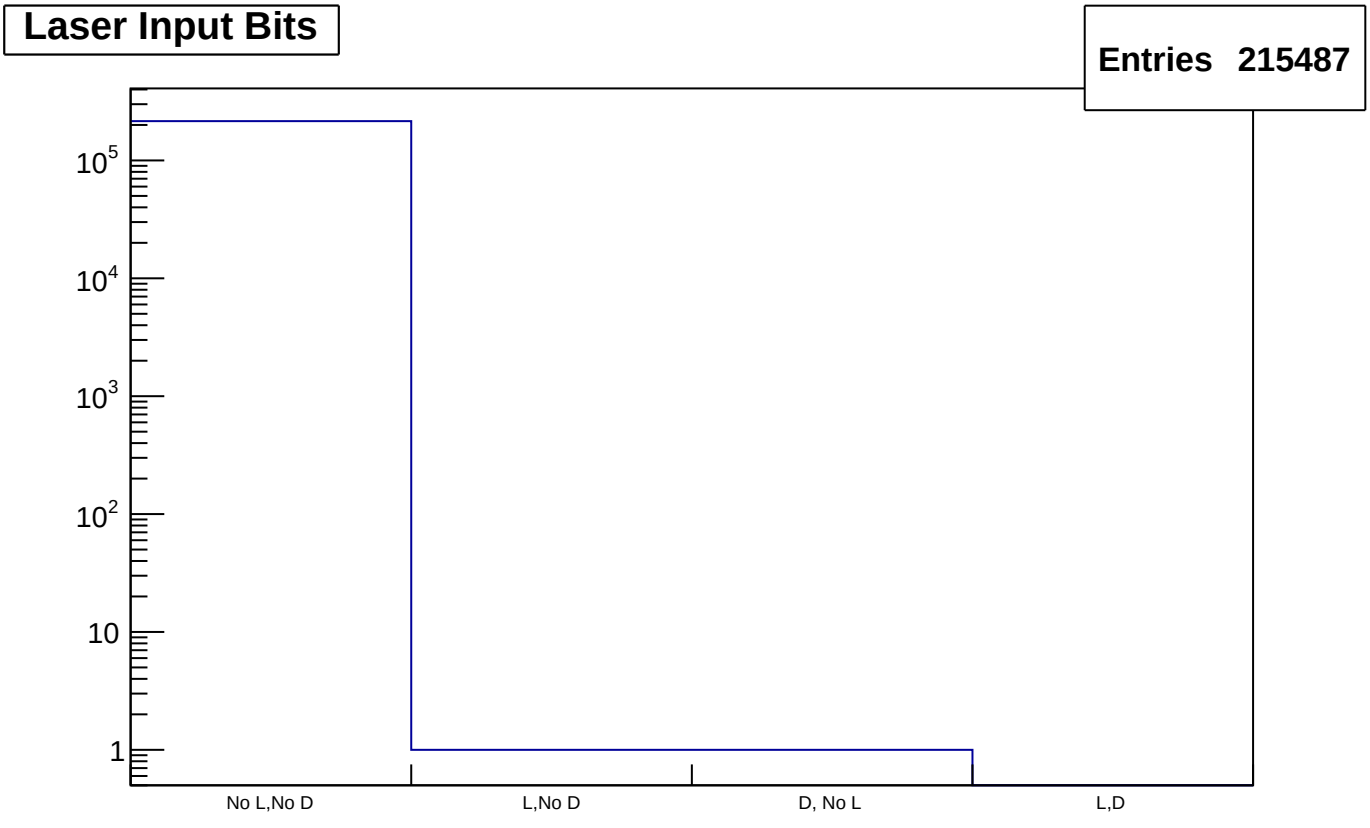

Entries 215487
TOF-Mult
VPD-West ADC Sum

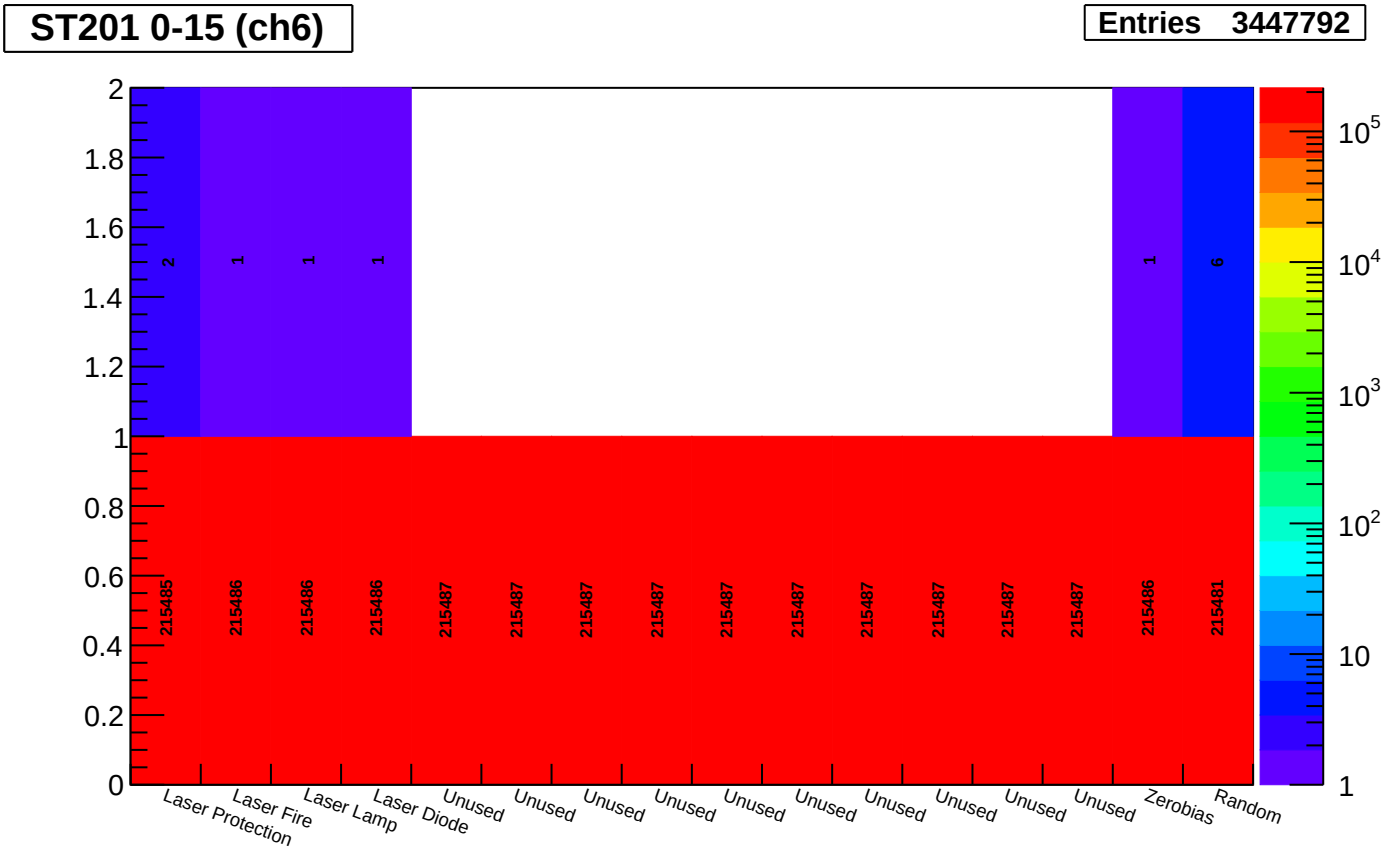

Entries 215487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

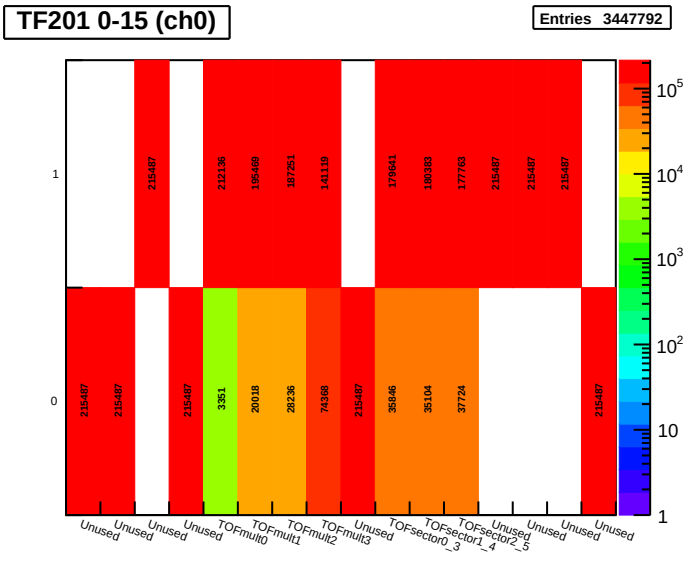

Entries 215487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

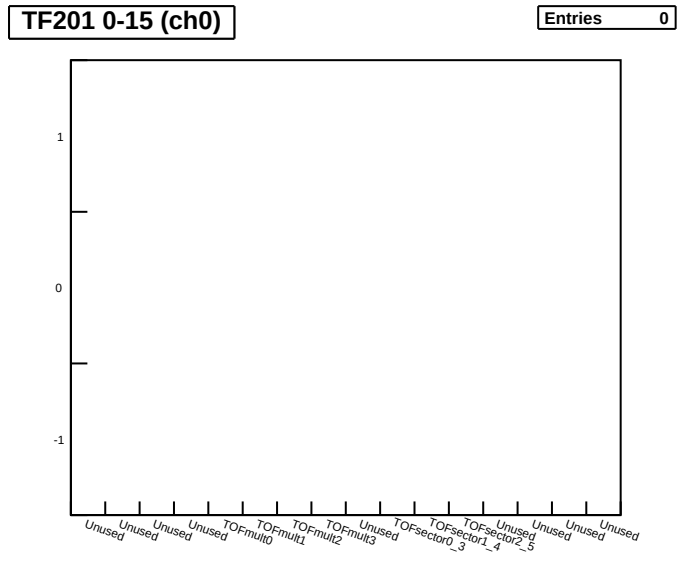

Entries 215487
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

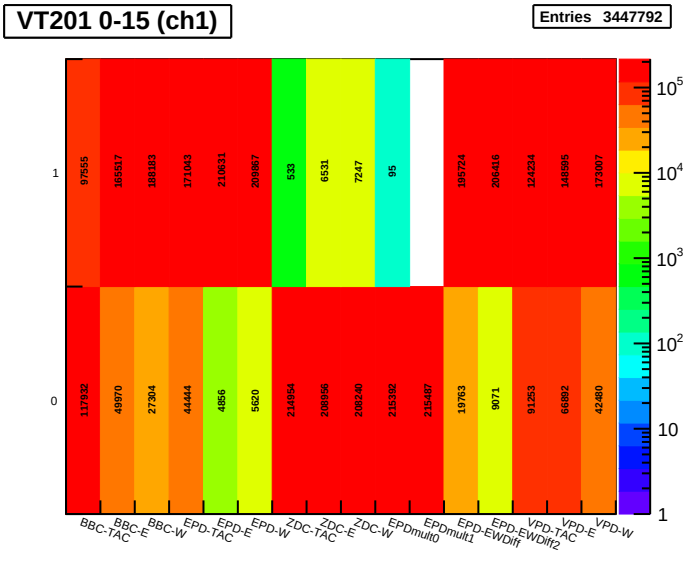

Entries 215487
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

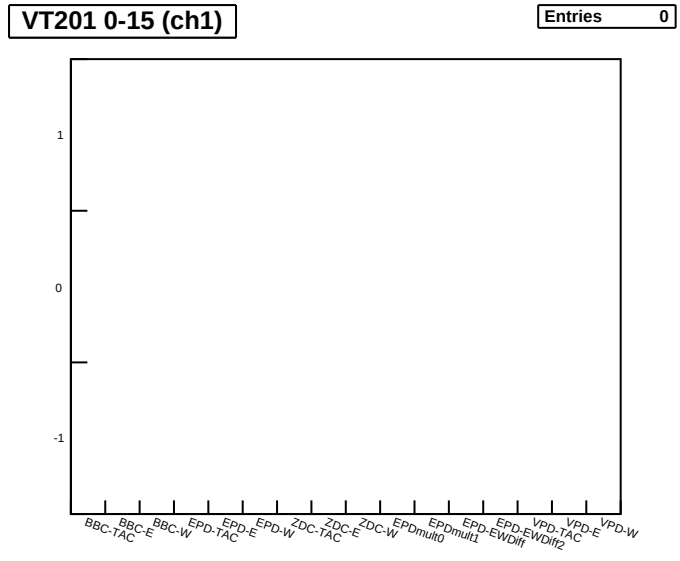

Laser Input Bits
Entries 215487
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

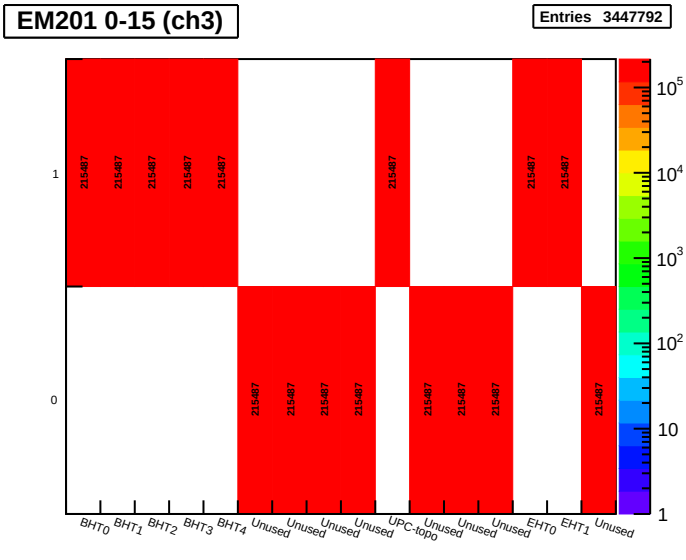

ST201 0-15 (ch6)
Entries 3447792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
6
215485
215486
215486
215486
215487
215487
215487
215487
215487
215487
215487
215487
215487
215486
215481
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

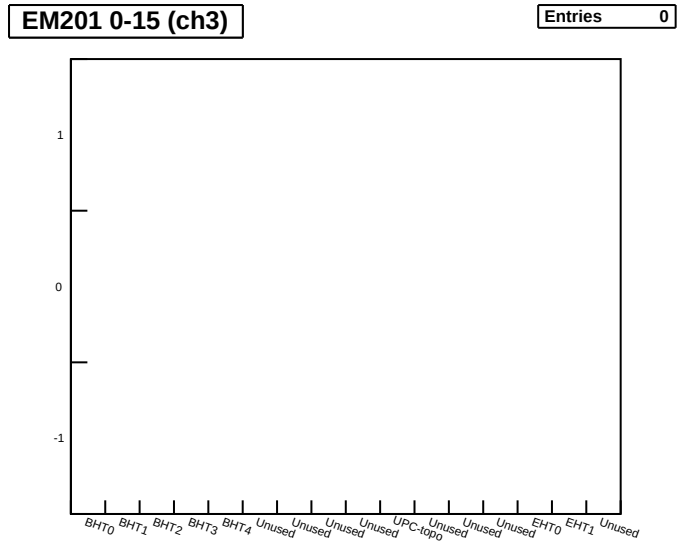

TF201 0-15 (ch0)
Entries 3447792
1
0
215487
212136
195469
187251
141119
179641
180383
177763
215487
215487
215487
215487
215487
215487
215487
3351
20018
28236
74368
215487
35846
35104
37724
215487
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3447792
1
0
97555
165517
180183
171043
210631
209857
533
6531
7247
95
195724
206416
124234
146595
173007
117932
49970
27304
44444
4856
5620
214954
208956
208240
215392
215487
19763
9071
91253
66892
42480
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 3447792
1
0
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
215487
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused