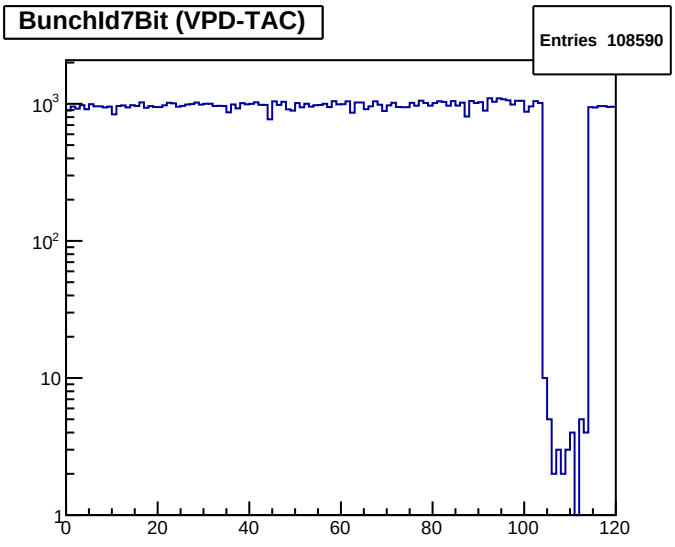
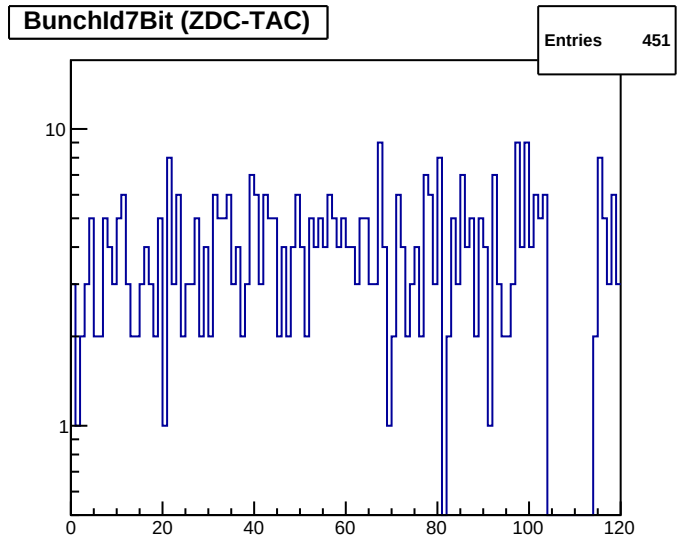
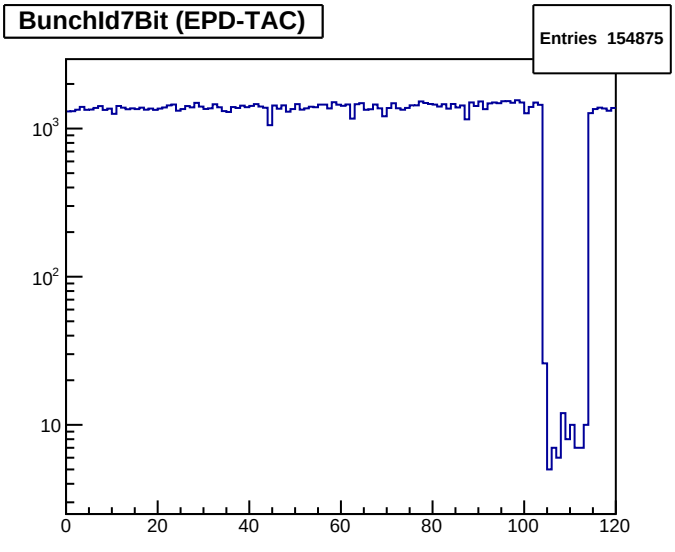
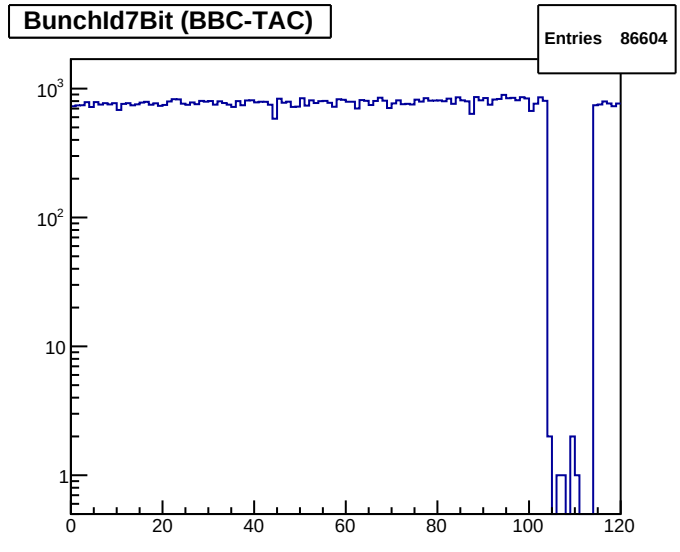
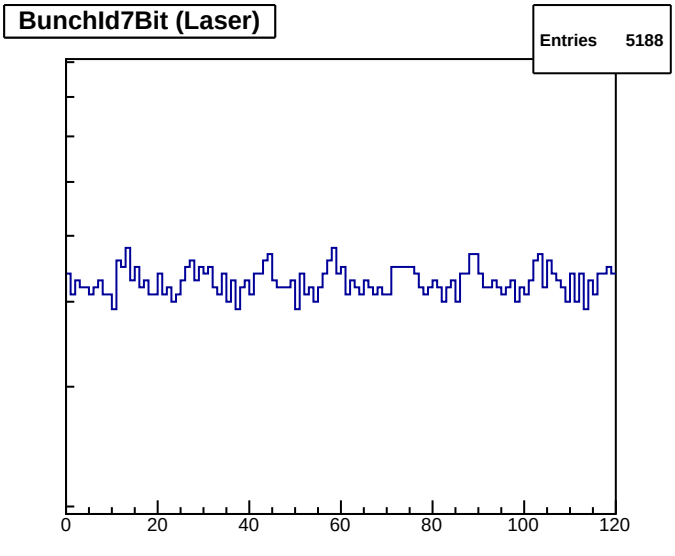
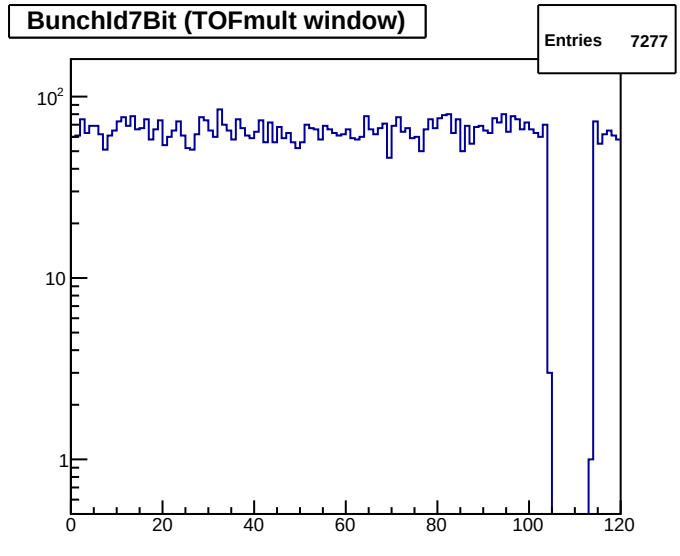

BunchId7Bit (VPD-TAC)
Entries 108590

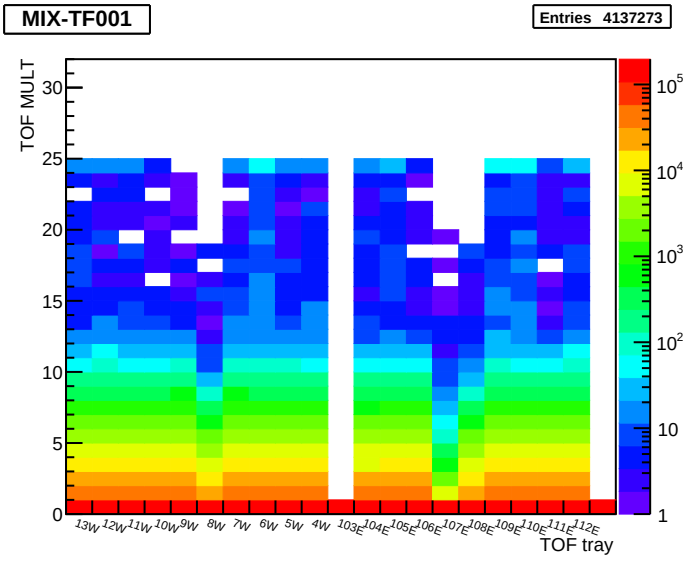

BunchId7Bit (ZDC-TAC)
Entries 451

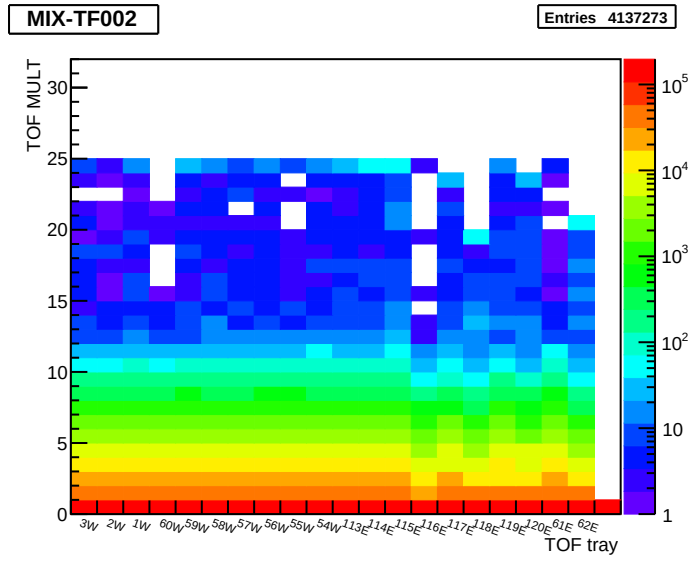

BunchId7Bit (EPD-TAC)
Entries 154875

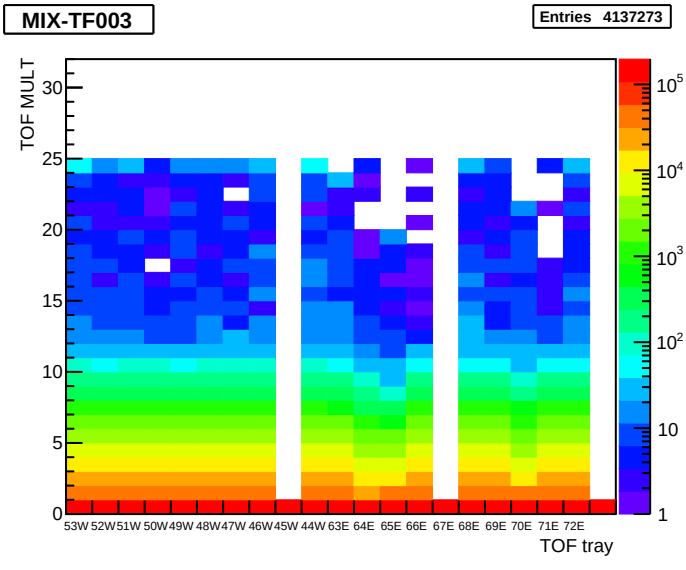

BunchId7Bit (BBC-TAC)
Entries 86604

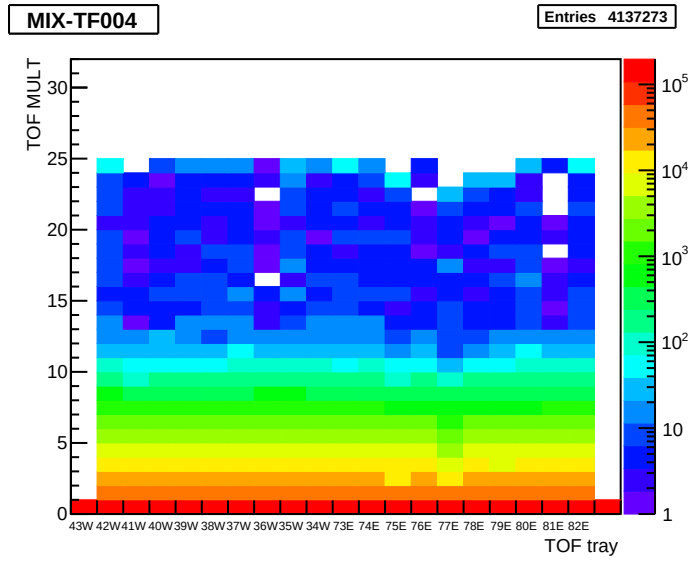

BunchId7Bit (Laser)
Entries 5188

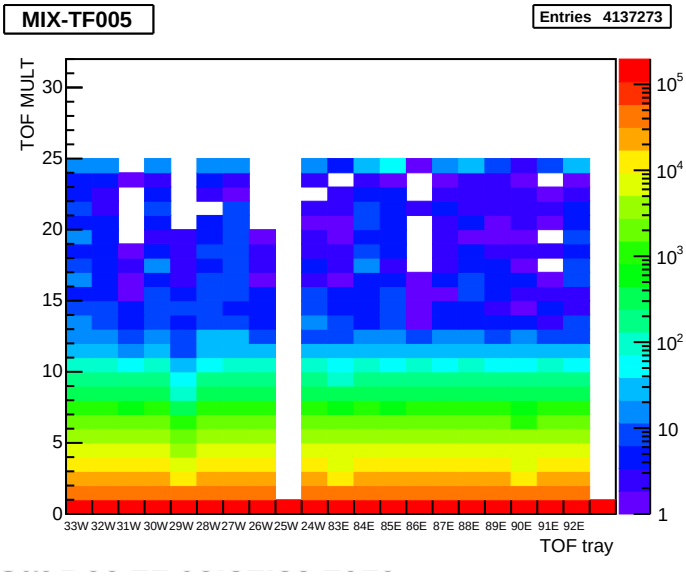

BunchId7Bit (TOFmult window)
Entries 7277

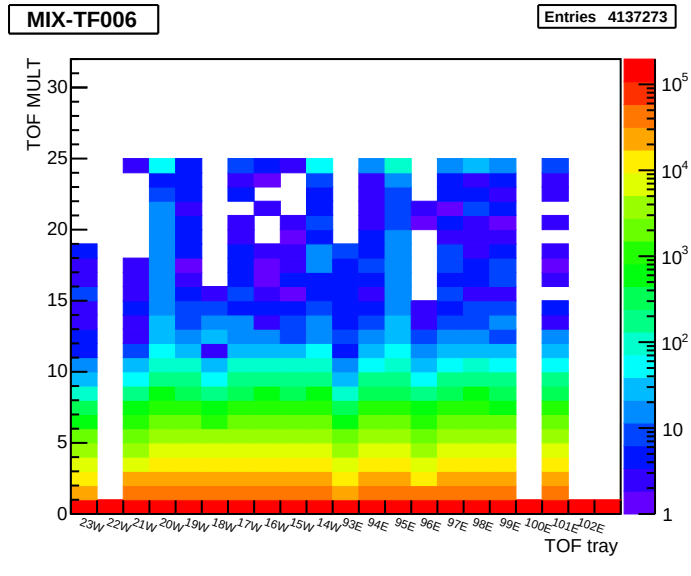

MIX-TF001
Entries 4137273
TOF MULT
TOF tray

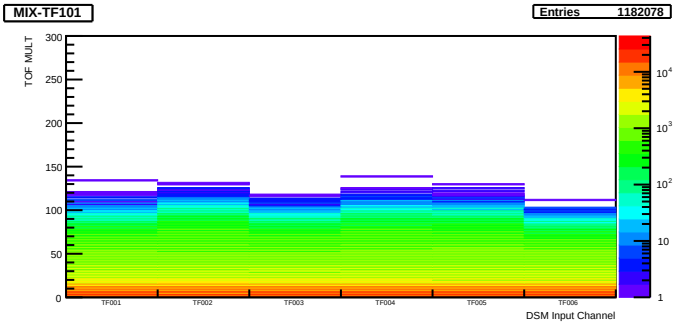

MIX-TF002
Entries 4137273
TOF MULT
TOF tray

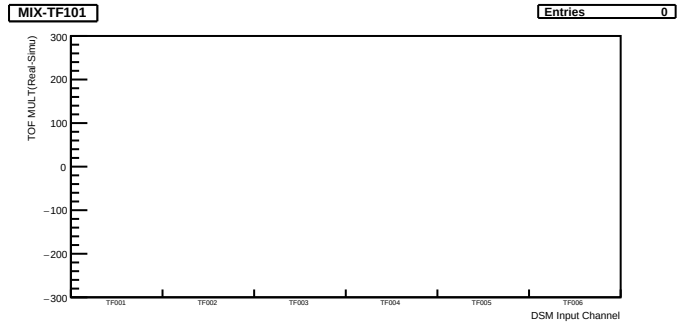

MIX-TF003
Entries 4137273
TOF MULT
TOF tray

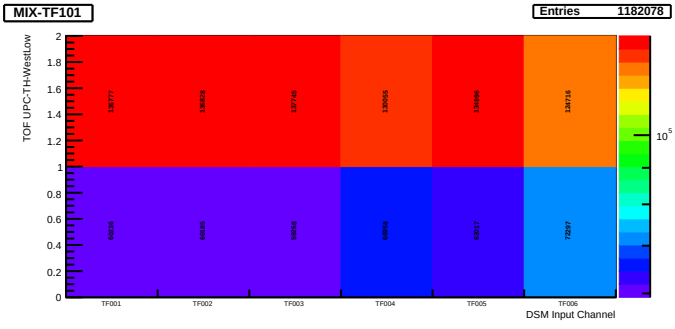

MIX-TF004
Entries 4137273
TOF MULT
TOF tray

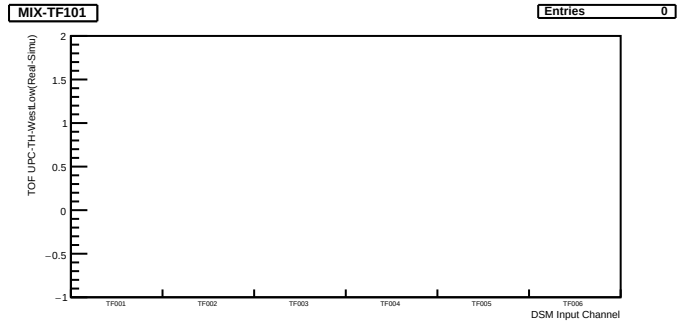

MIX-TF005
Entries 4137273
TOF MULT
TOF tray

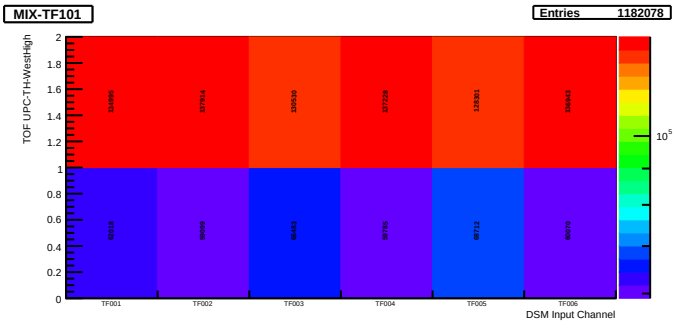

MIX-TF006
Entries 4137273
TOF MULT
TOF tray

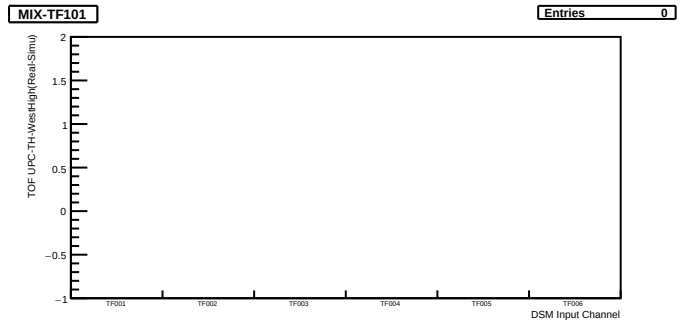

MIX-TF101
Entries 1182078
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

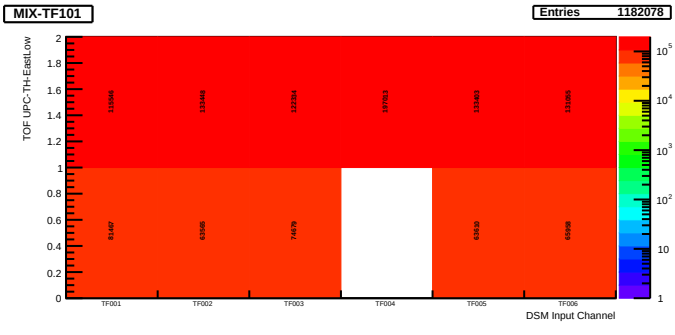

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

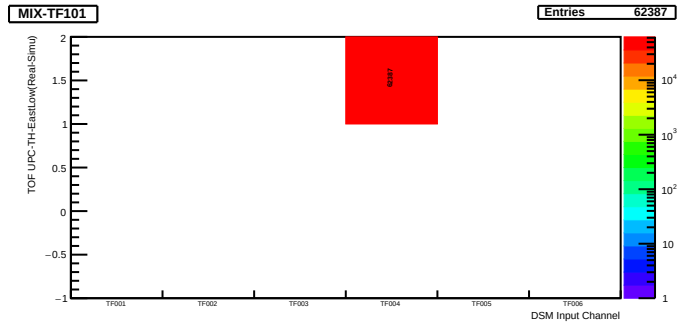

MIX-TF101
Entries 1182078
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

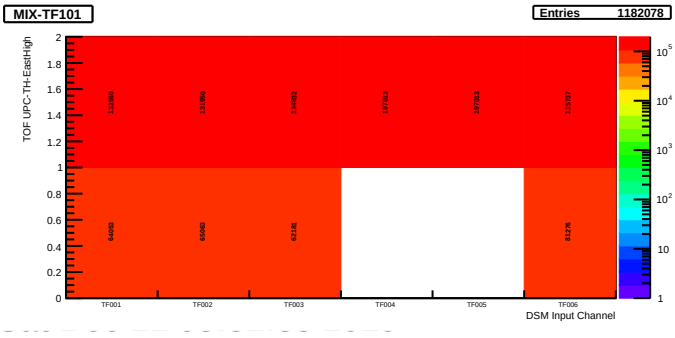

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

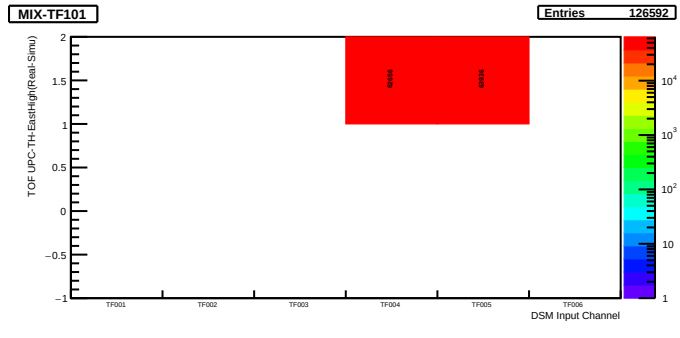

MIX-TF101
Entries 1182078
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

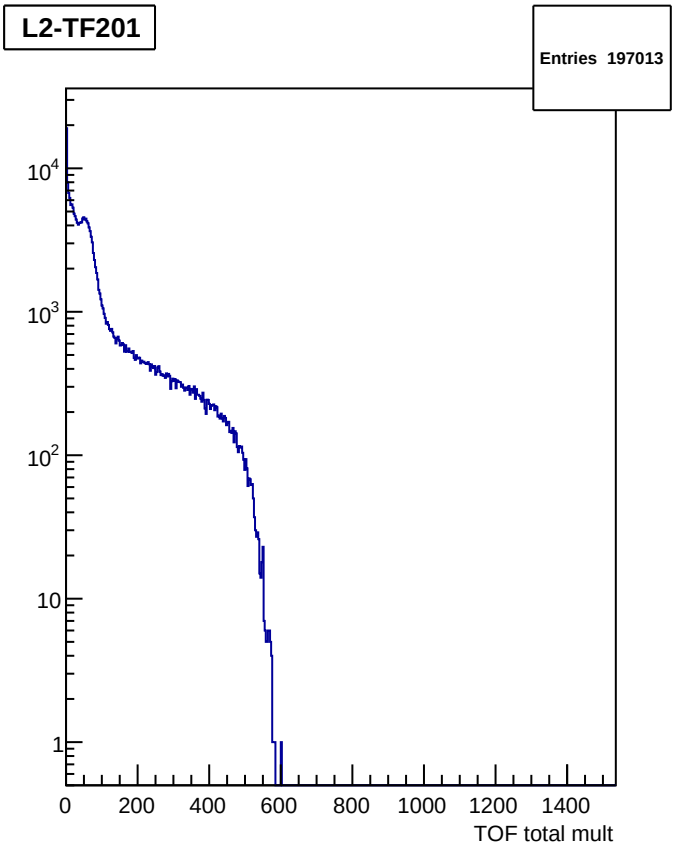

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

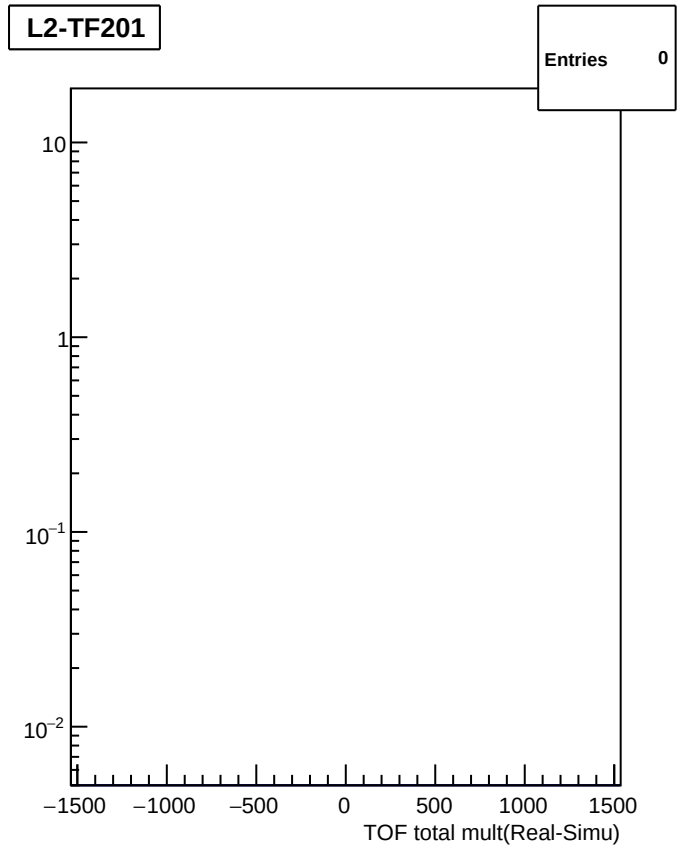

MIX-TF101
Entries 1182078
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

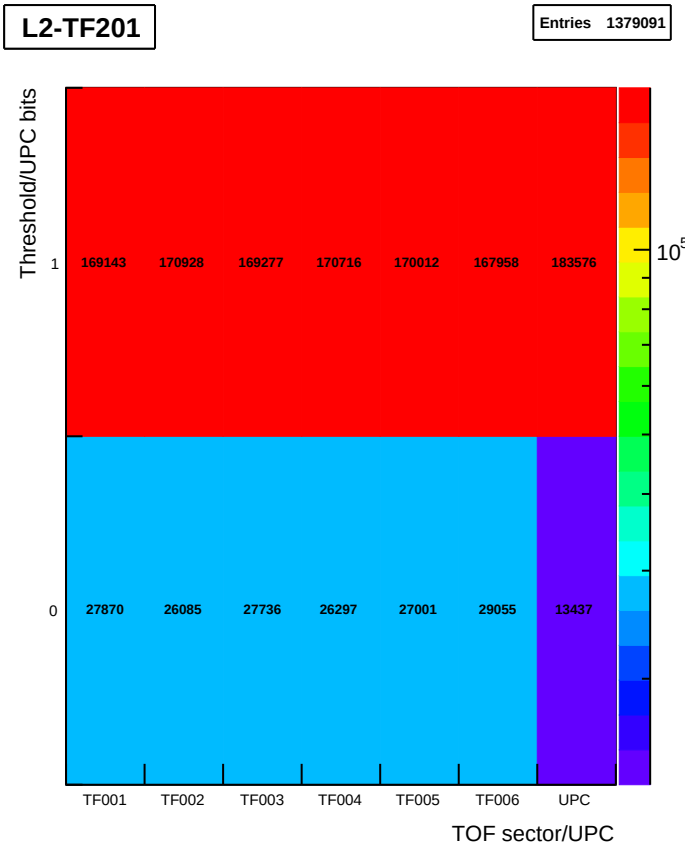

MIX-TF101
Entries 62387
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

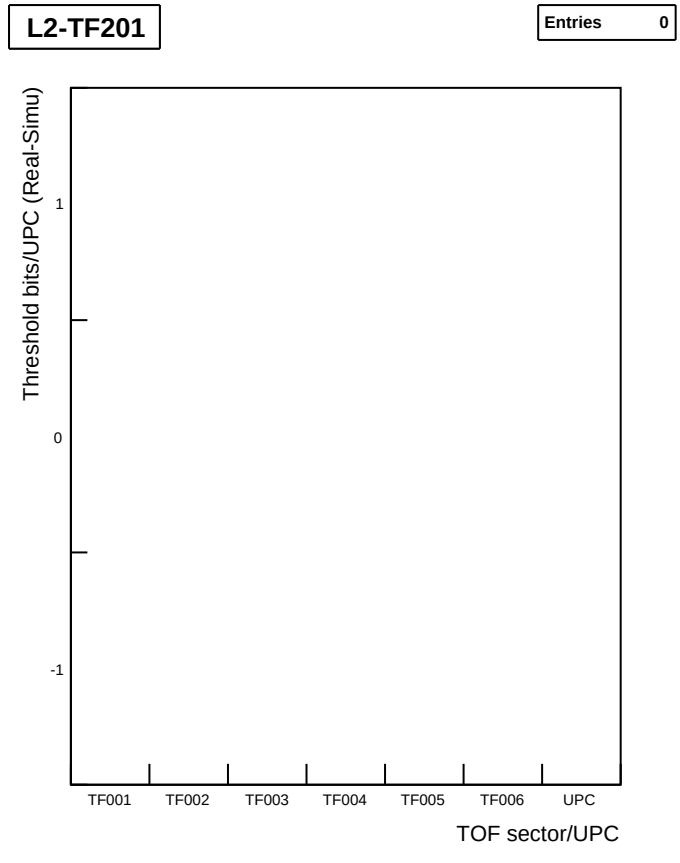

MIX-TF101
Entries 1182078
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

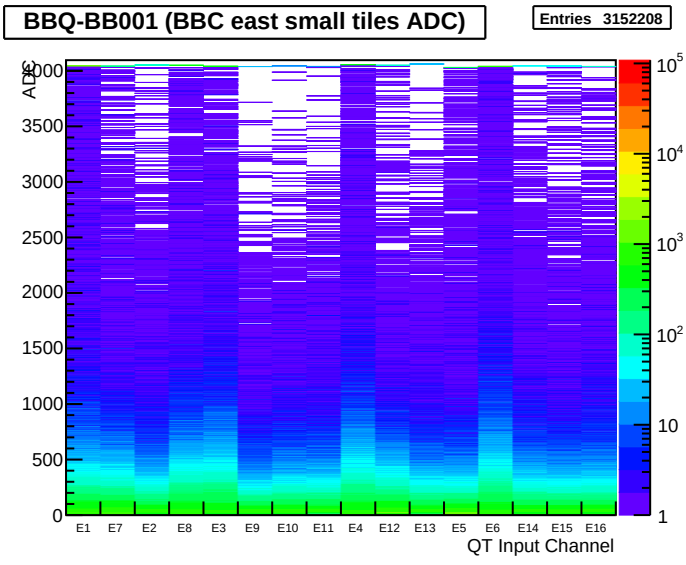

MIX-TF101
Entries 126592
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

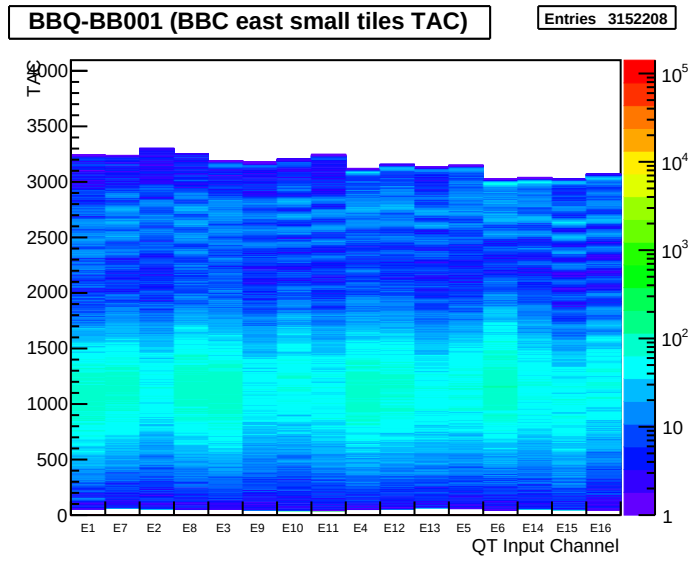

L2-TF201
Entries 197013
TOF total mult

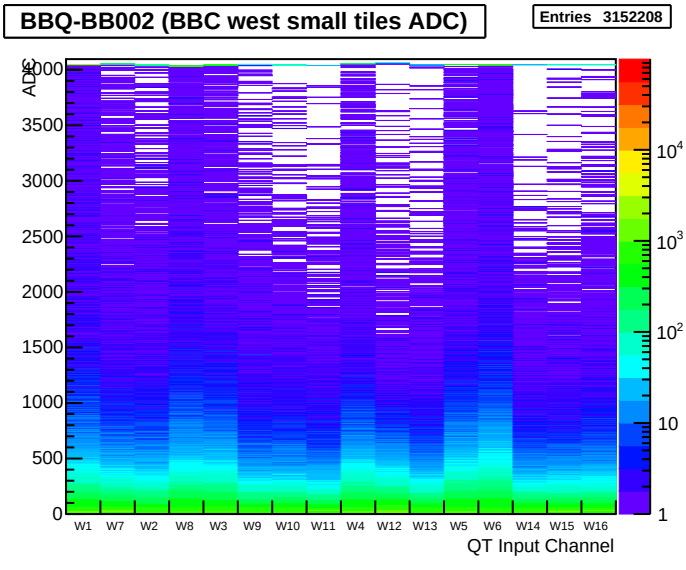

L2-TF201
Entries 0
TOF total mult(Real-Simu)

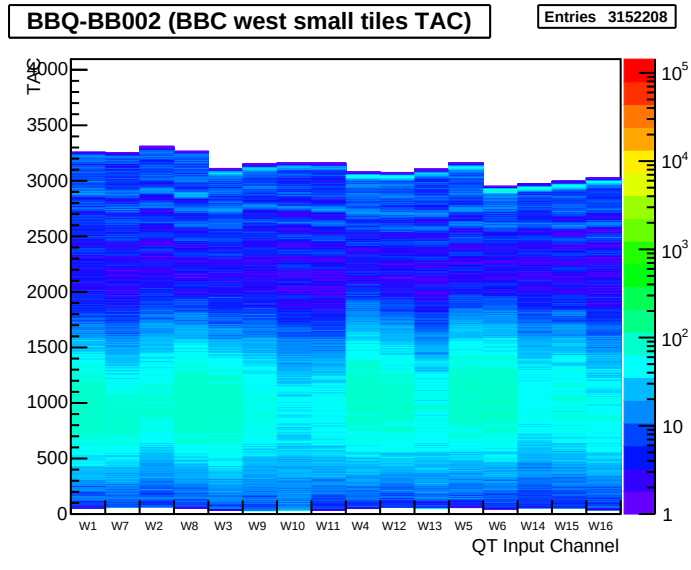

L2-TF201
Entries 1379091
Threshold/UPC bits
169143 170928 169277 170716 170012 167958 183576
27870 26085 27736 26297 27001 29055 13437
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

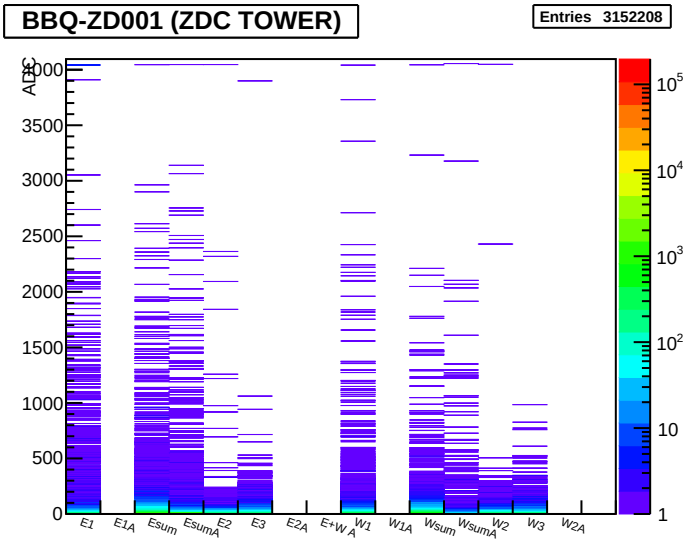

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

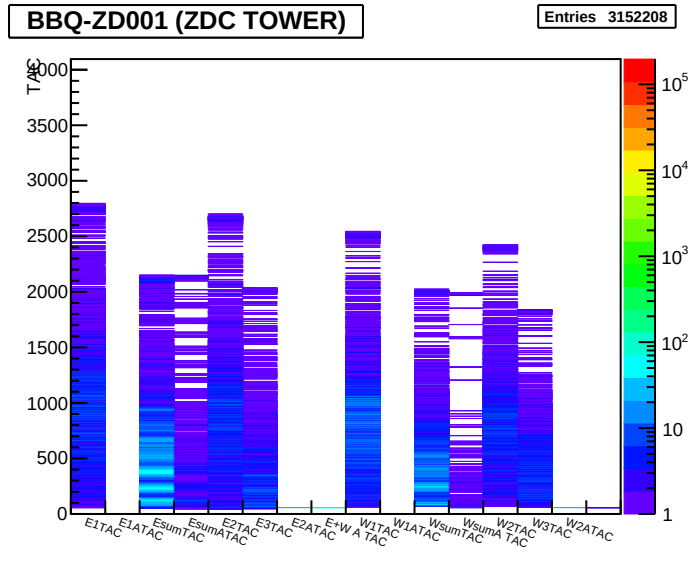

BBQ-BB001 (BBC east small tiles ADC)
Entries 3152208
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

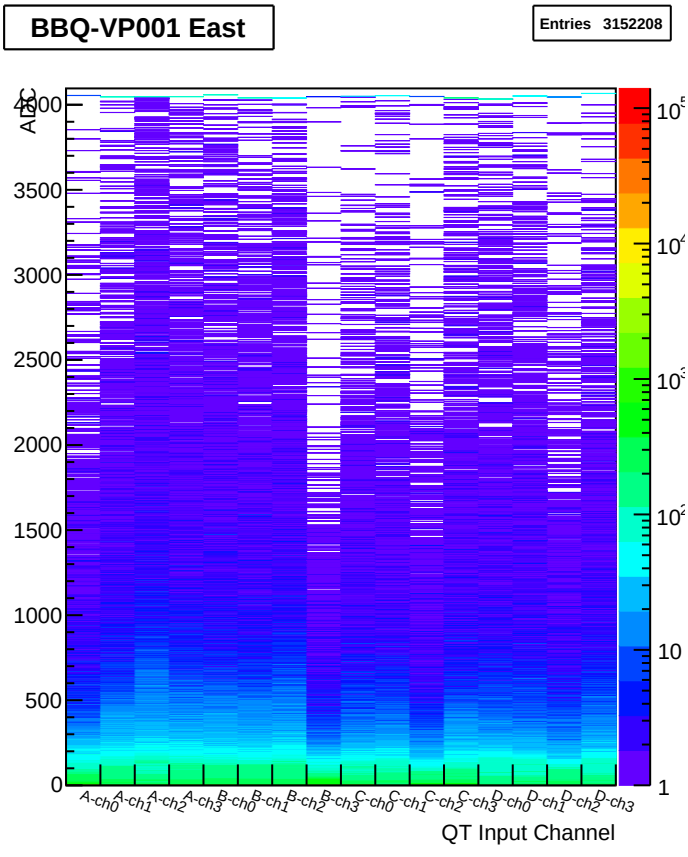

BBQ-BB001 (BBC east small tiles TAC)
Entries 3152208
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

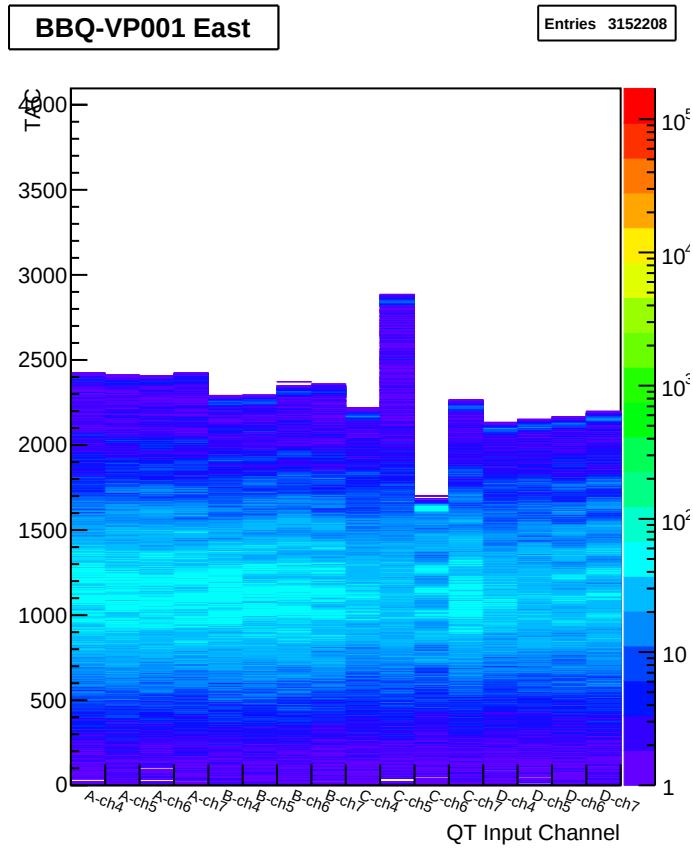

BBQ-BB002 (BBC west small tiles ADC)
Entries 3152208
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

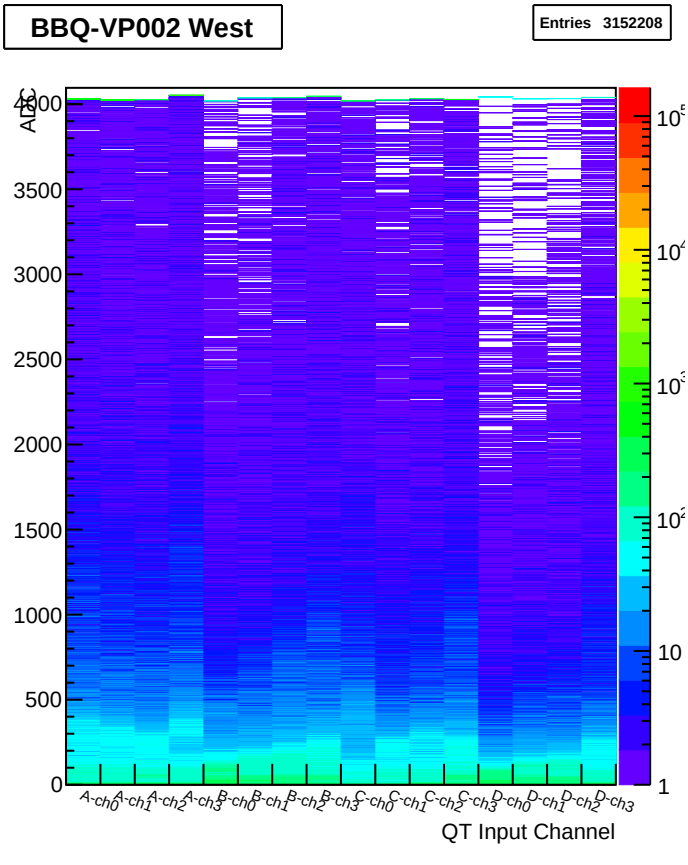

BBQ-BB002 (BBC west small tiles TAC)
Entries 3152208
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

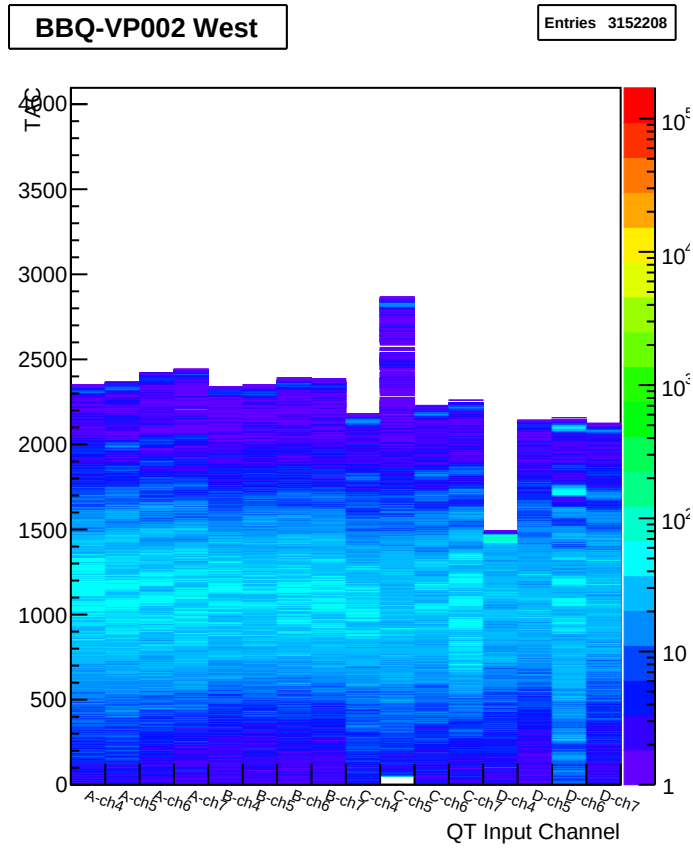

BBQ-ZD001 (ZDC TOWER)
Entries 3152208
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

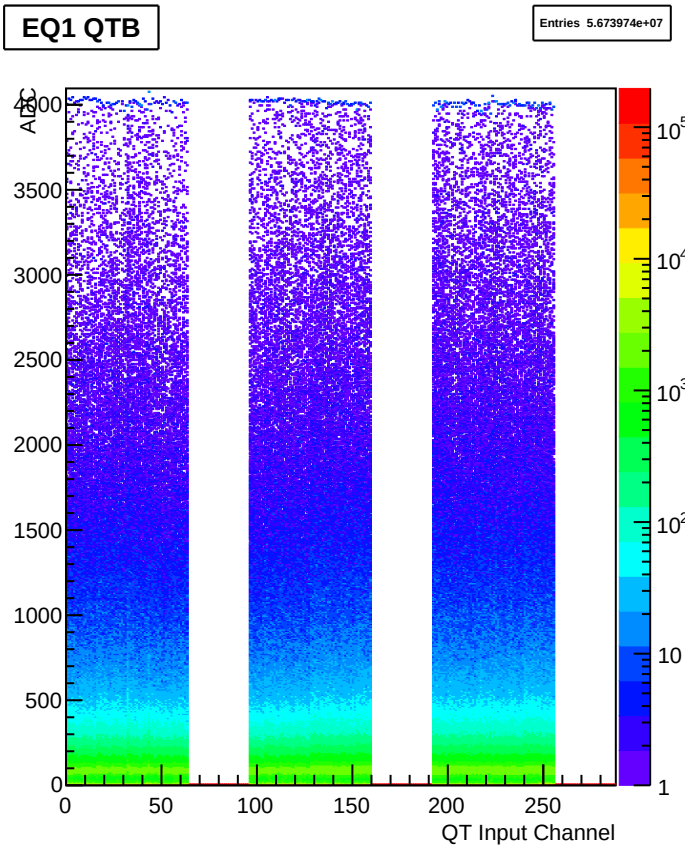

BBQ-ZD001 (ZDC TOWER)
Entries 3152208
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

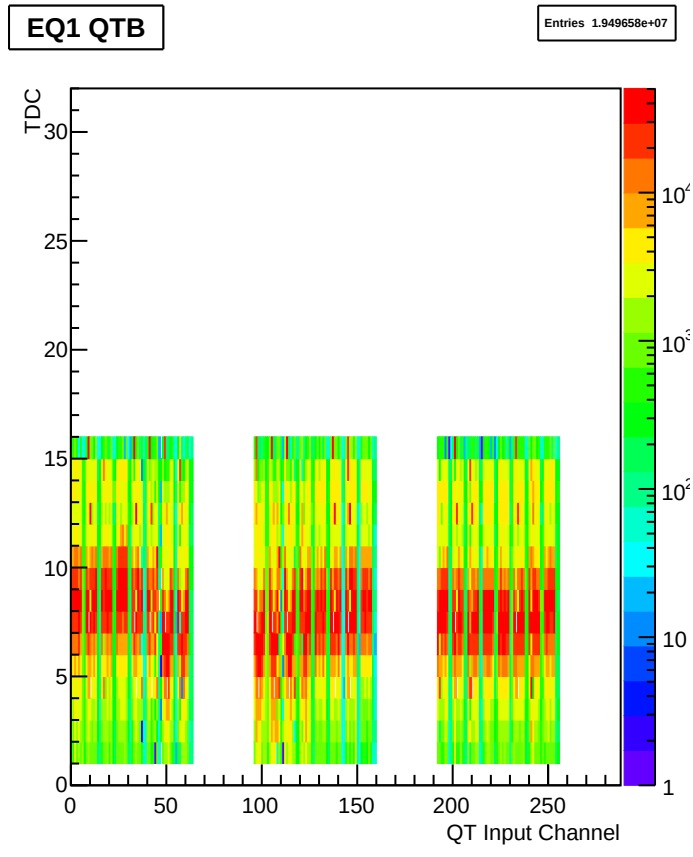

BBQ-VP001 East
Entries 3152208
ADC
QT Input Channel

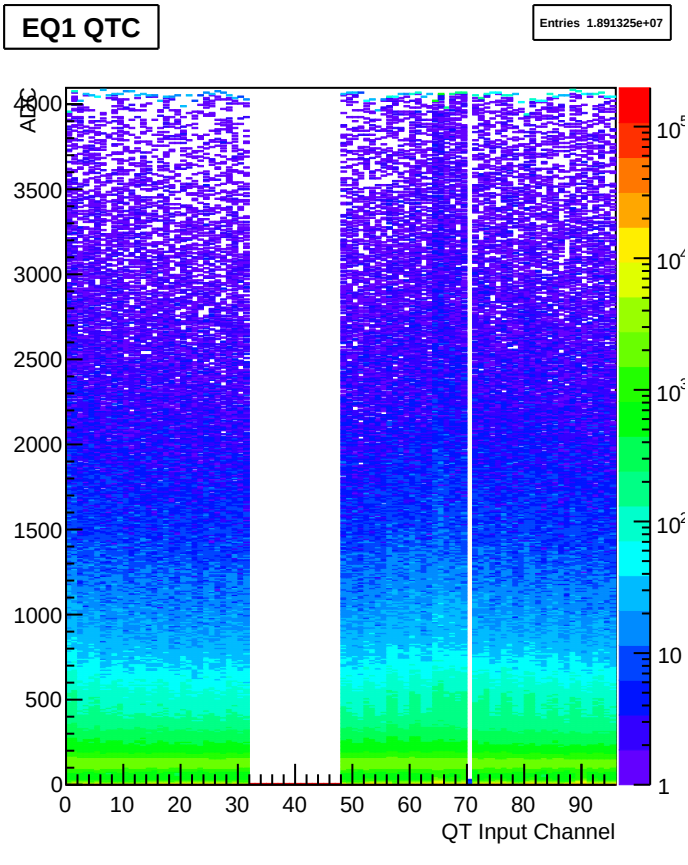

BBQ-VP001 East
Entries 3152208
ADC
QT Input Channel

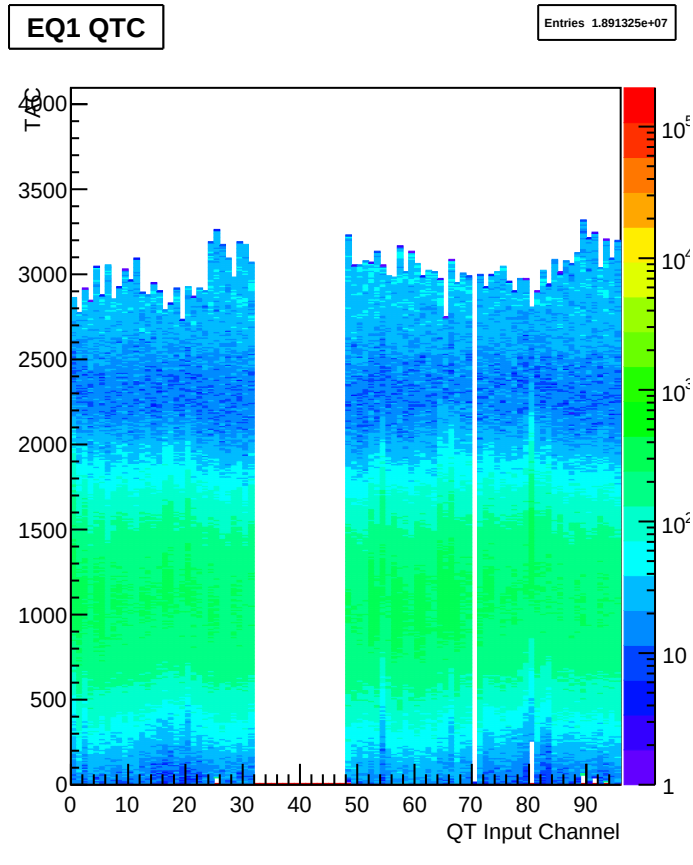

BBQ-VP002 West
Entries 3152208
ADC
QT Input Channel

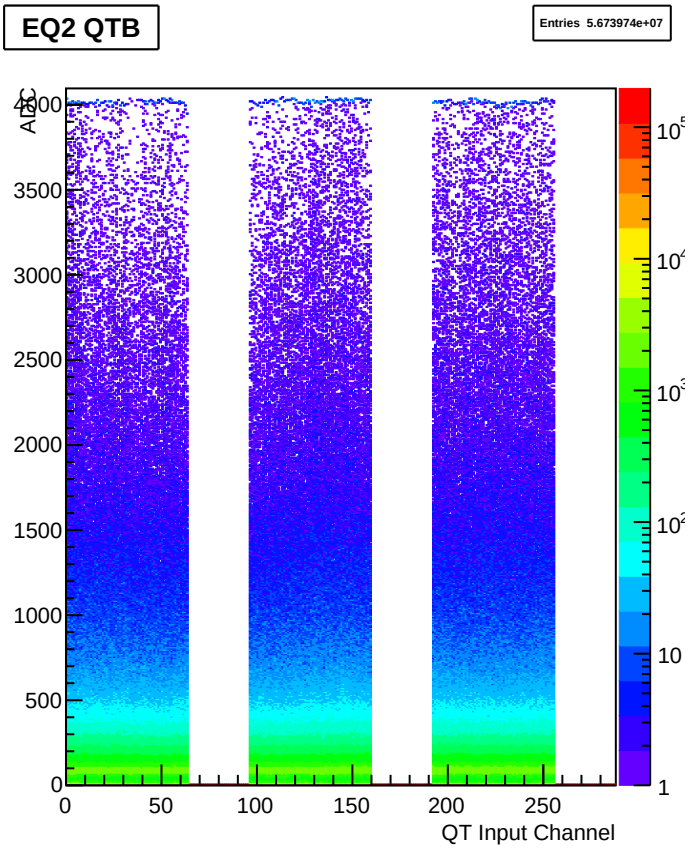

BBQ-VP002 West
Entries 3152208
ADC
QT Input Channel

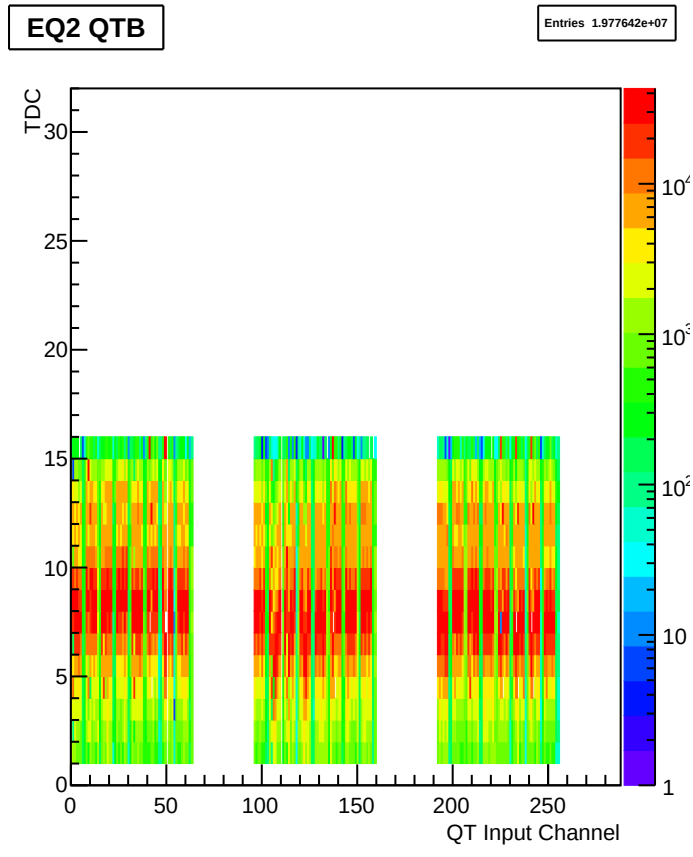

EQ1 QTB
Entries 5.673974e+07
ADC
QT Input Channel

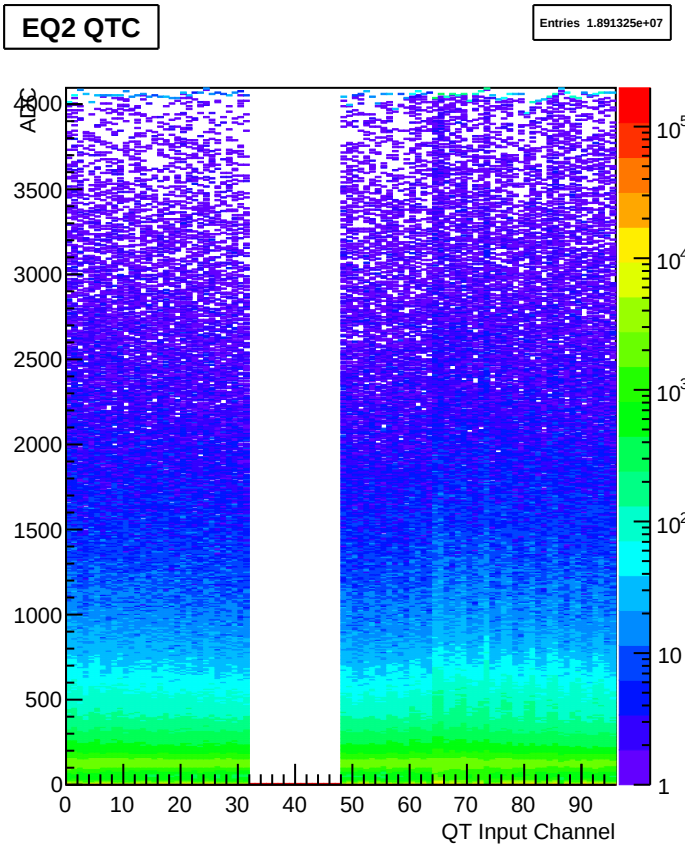

EQ1 QTB
Entries 1.949658e+07
TDC
QT Input Channel

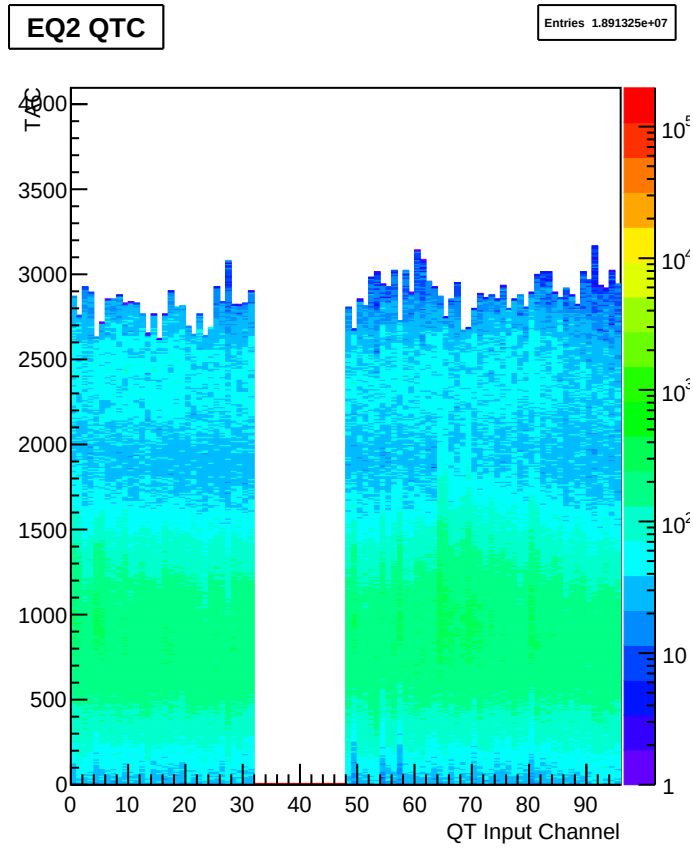

EQ1 QTC
Entries 1.891325e+07
ADC
QT Input Channel

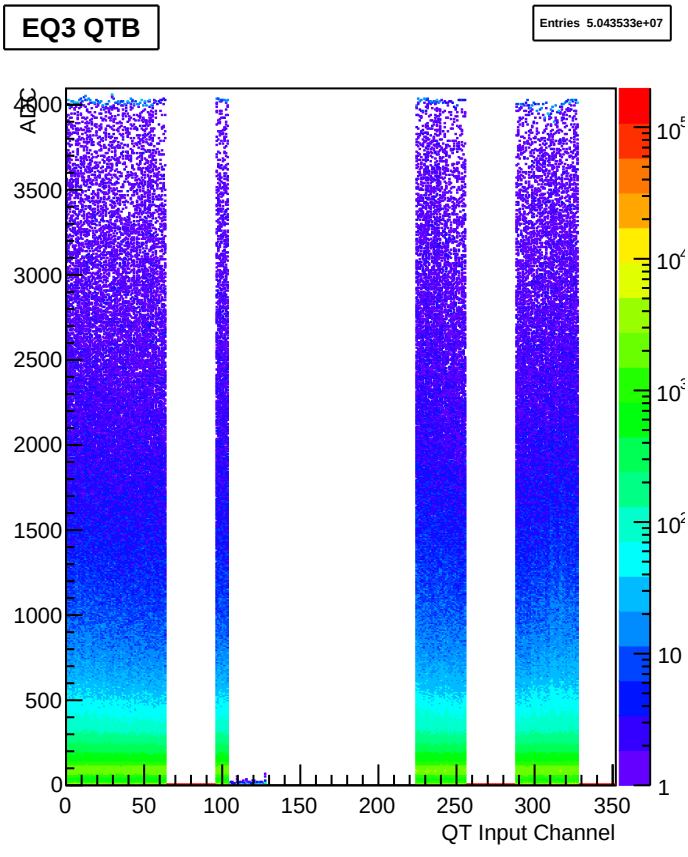

EQ1 QTC
Entries 1.891325e+07
TADC
QT Input Channel

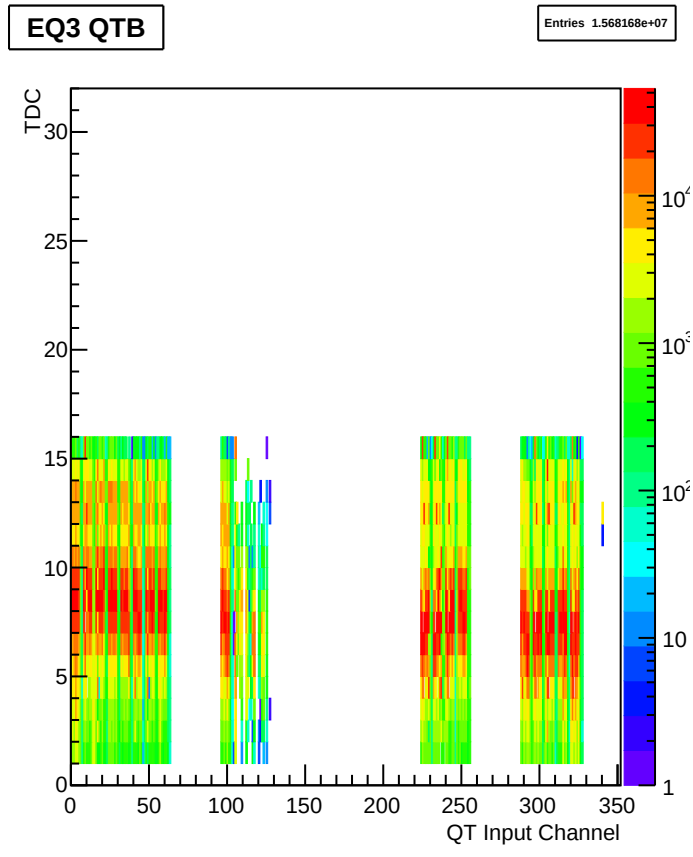

EQ2 QTB
Entries 5.673974e+07
ADC
QT Input Channel

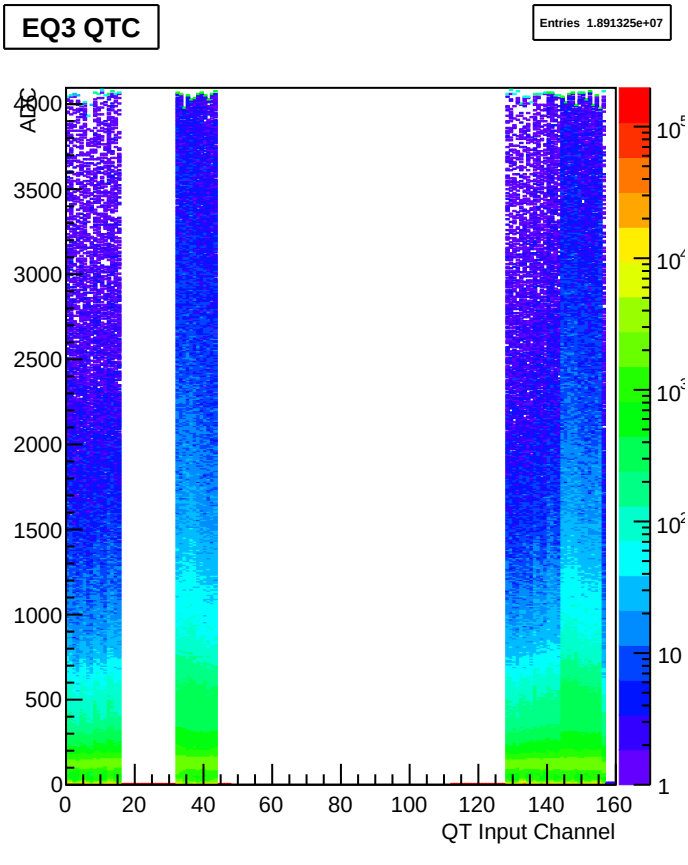

EQ2 QTB
Entries 1.977642e+07
TDC
QT Input Channel

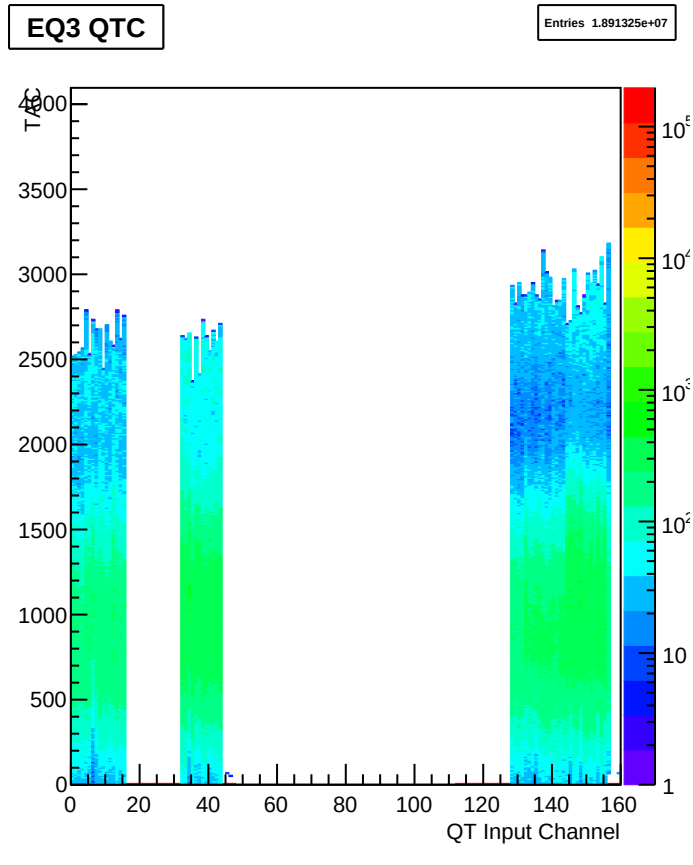

EQ2 QTC
Entries 1.891325e+07
ADC
QT Input Channel

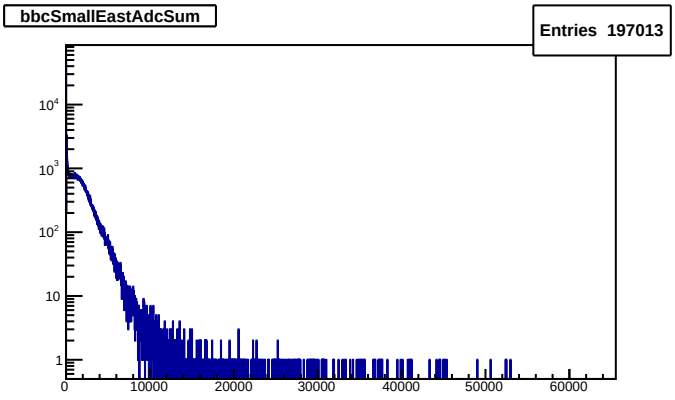

EQ2 QTC
Entries 1.891325e+07
TADC
QT Input Channel

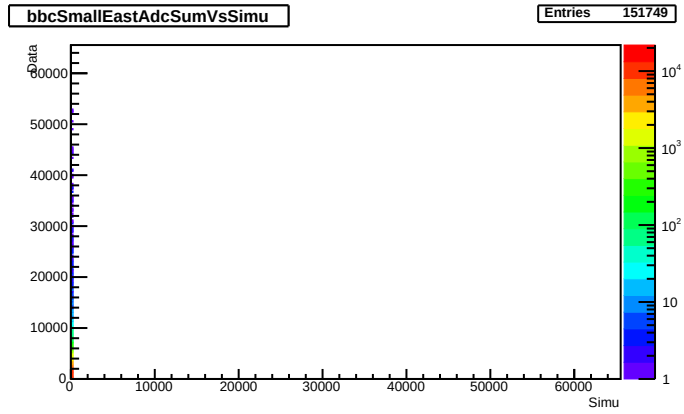

EQ3 QTB
Entries 5.043533e+07
ADC
QT Input Channel

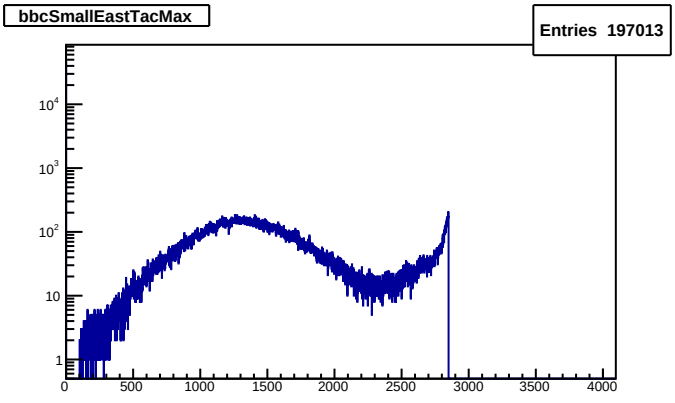

EQ3 QTB
Entries 1.568168e+07
TDC
QT Input Channel

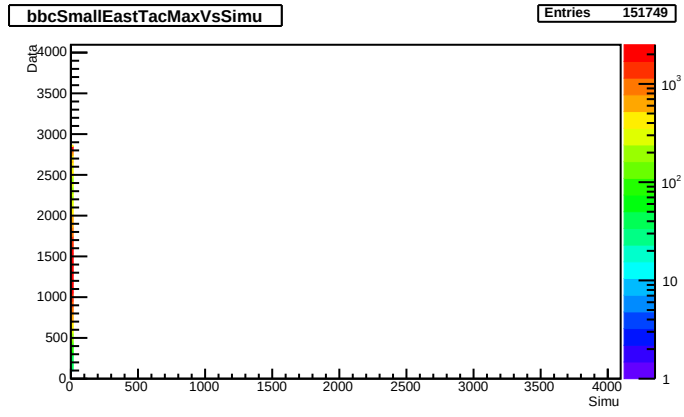

EQ3 QTC
Entries 1.891325e+07
ADC
QT Input Channel

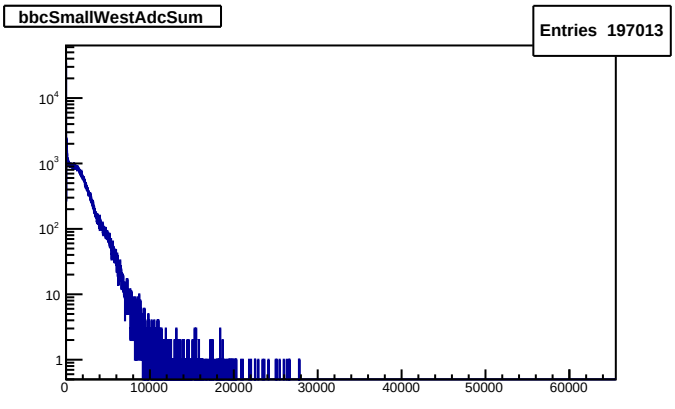

EQ3 QTC
Entries 1.891325e+07
TADC
QT Input Channel

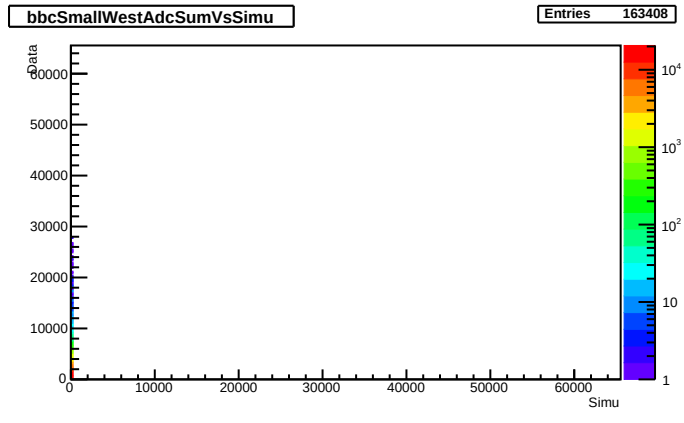

bbcSmallEastAdcSum
Entries 197013

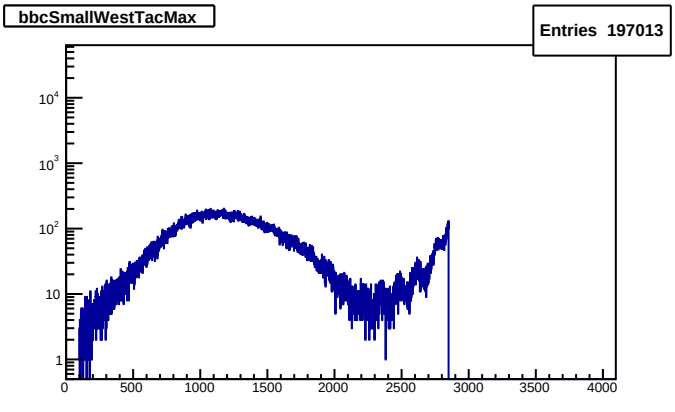

bbcSmallEastAdcSumVsSimu
Entries 151749
Data
Simu

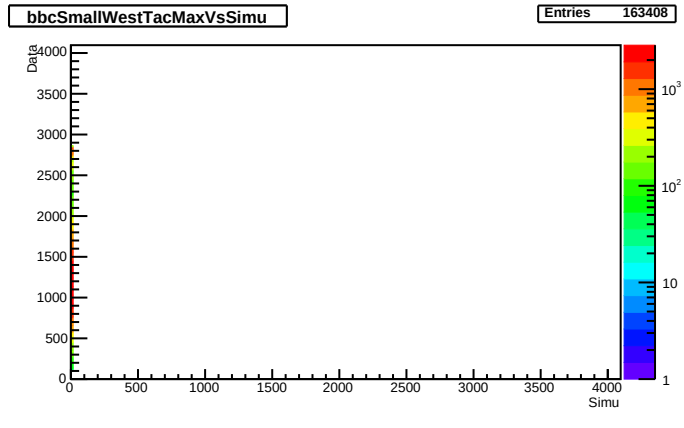

bbcSmallEastTacMax
Entries 197013

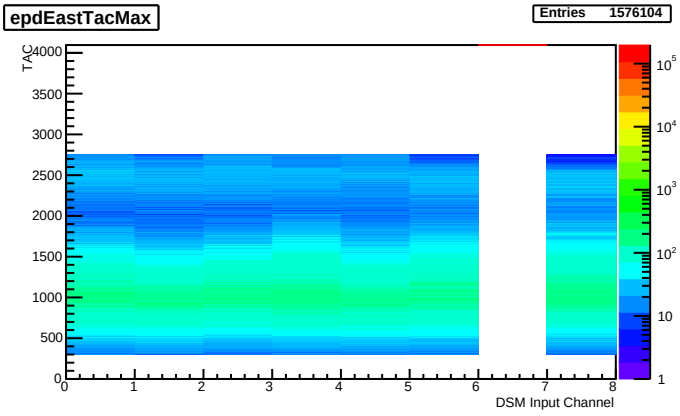

bbcSmallEastTacMaxVsSimu
Entries 151749
Data
Simu

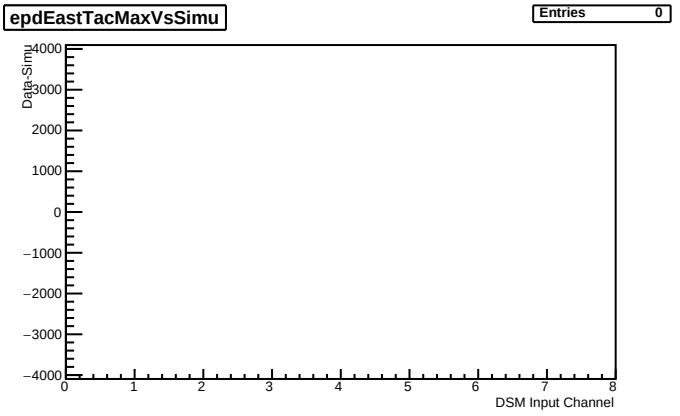

bbcSmallWestAdcSum
Entries 197013

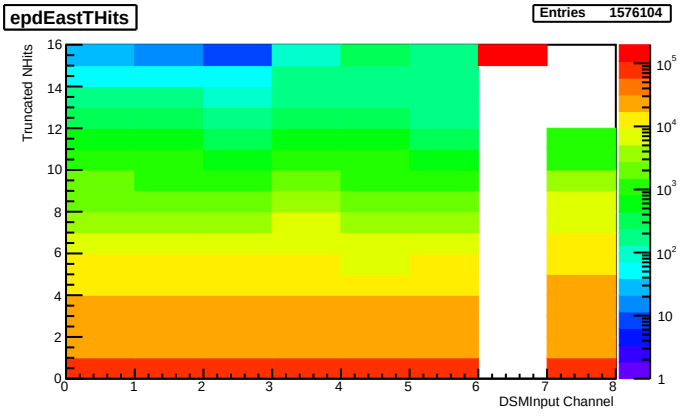

bbcSmallWestAdcSumVsSimu
Entries 163408
Data
Simu

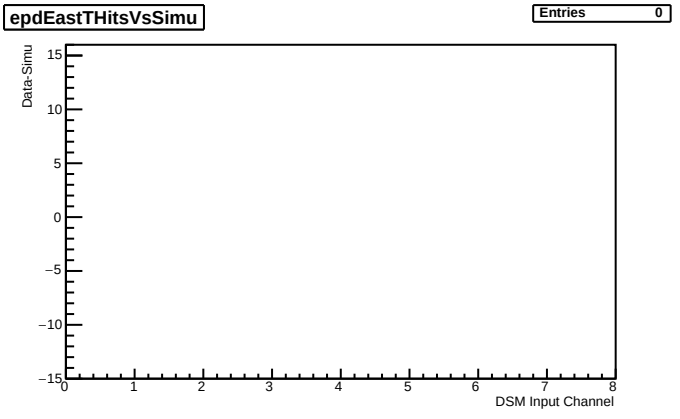

bbcSmallWestTacMax
Entries 197013

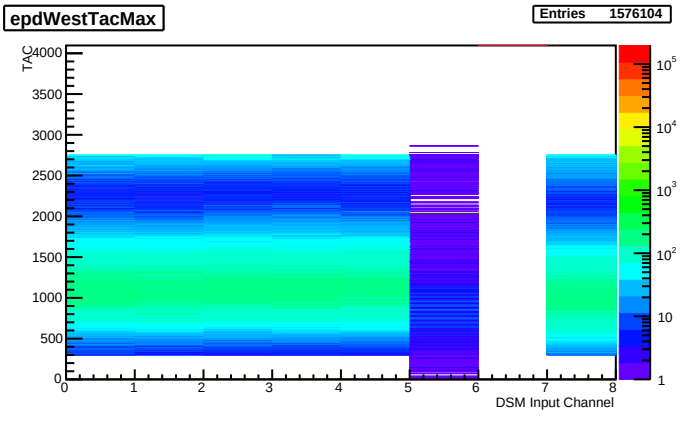

bbcSmallWestTacMaxVsSimu
Entries 163408
Data
Simu

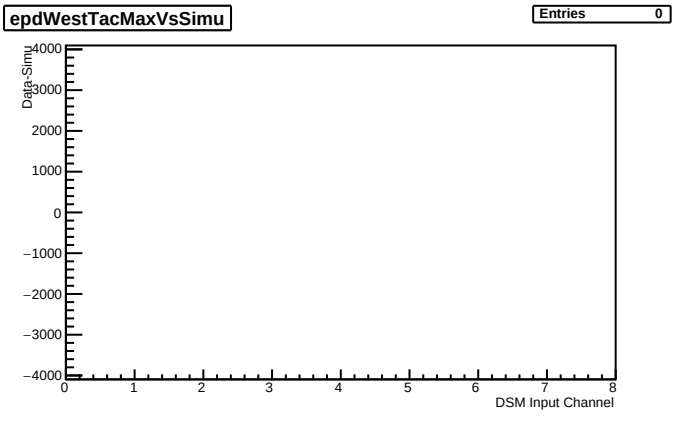

epdEastTacMax
Entries 1576104
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1576104
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1576104
TAC
DSM Input Channel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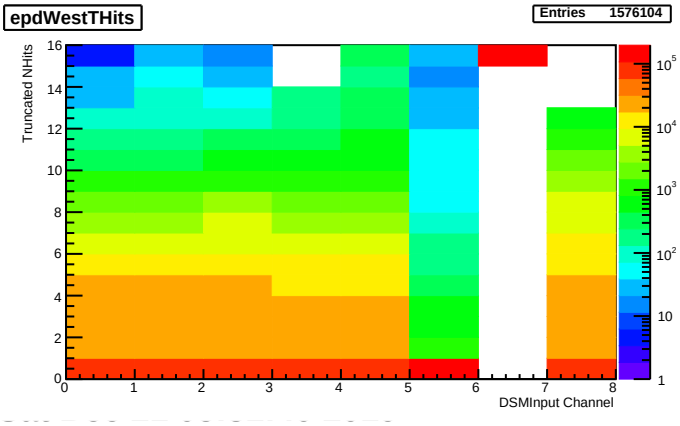
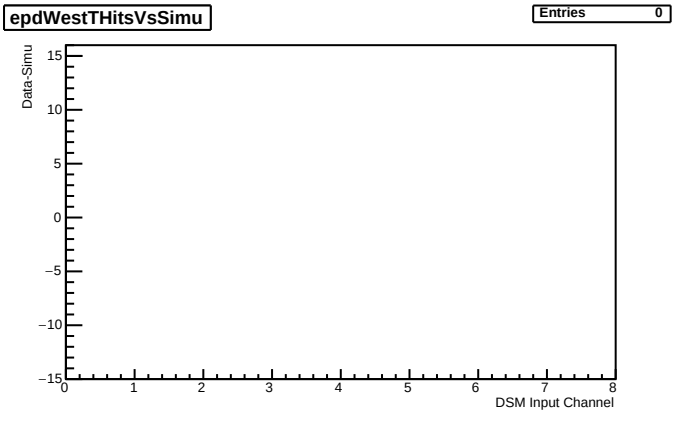
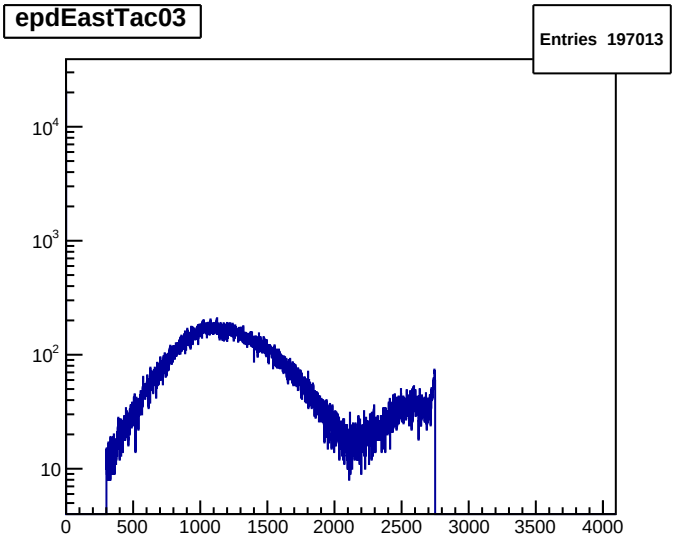
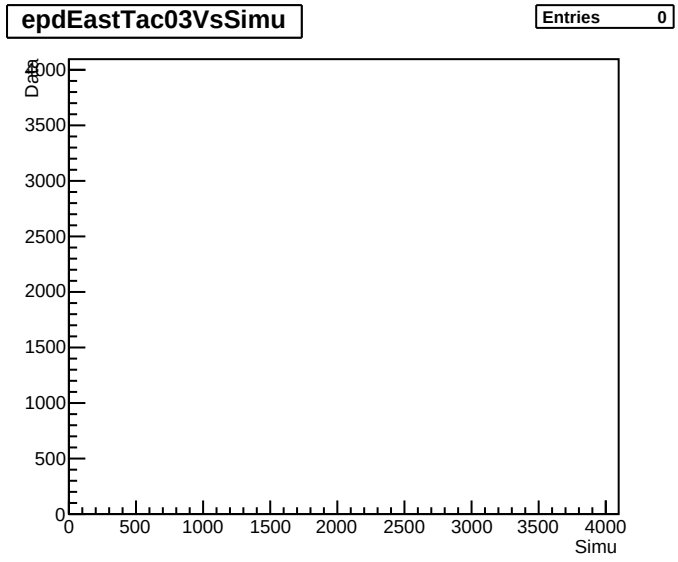
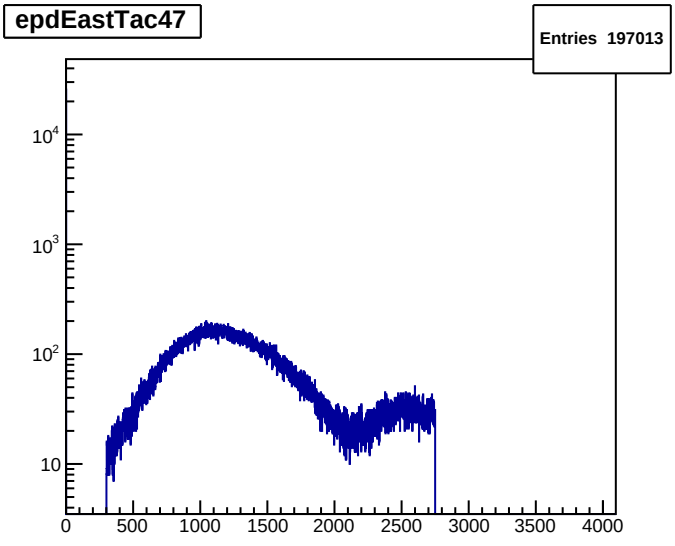
Entries 0
Data-Simu
DSM Input Channel

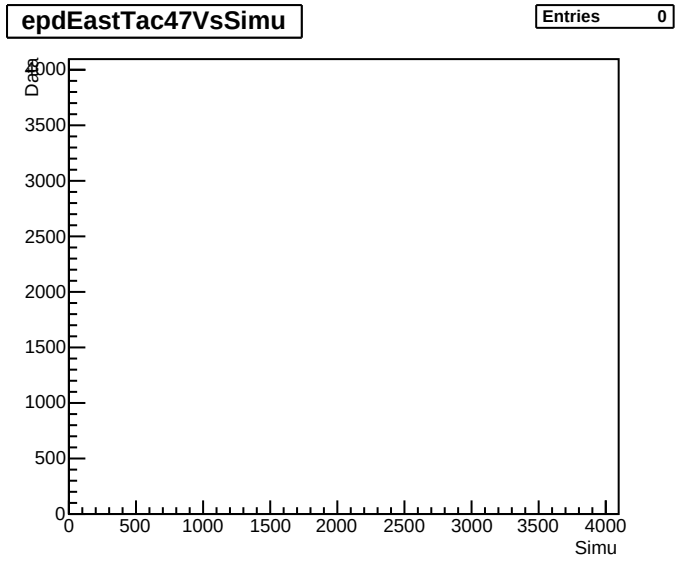

epdWestTHits
Entries 1576104
Truncated NHits
DSMInput Channel

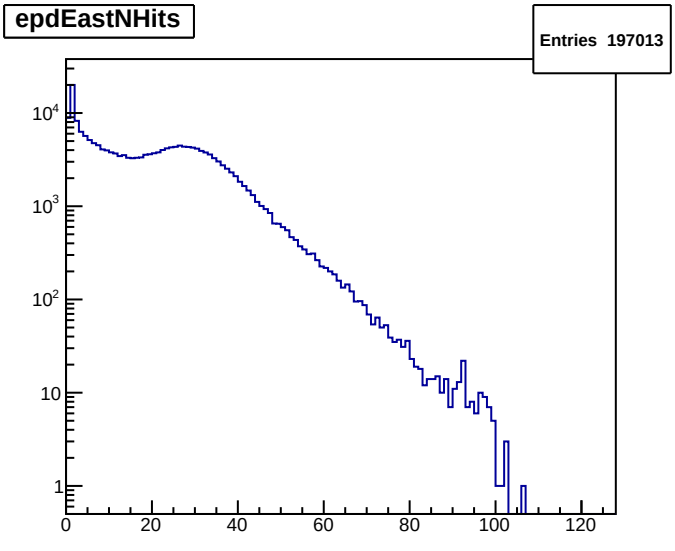

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

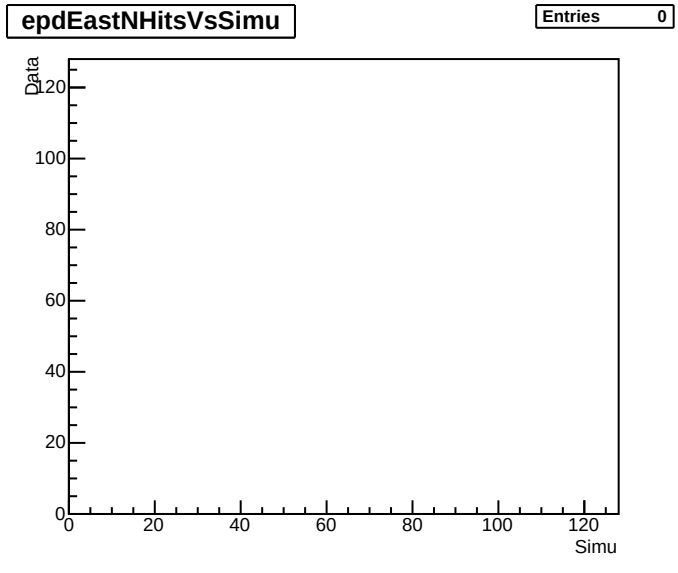

epdEastTac03
Entries 197013


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 197013


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 197013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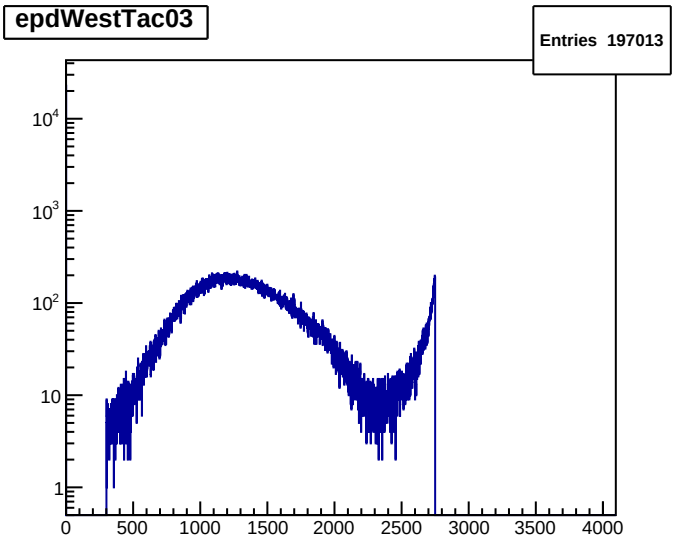
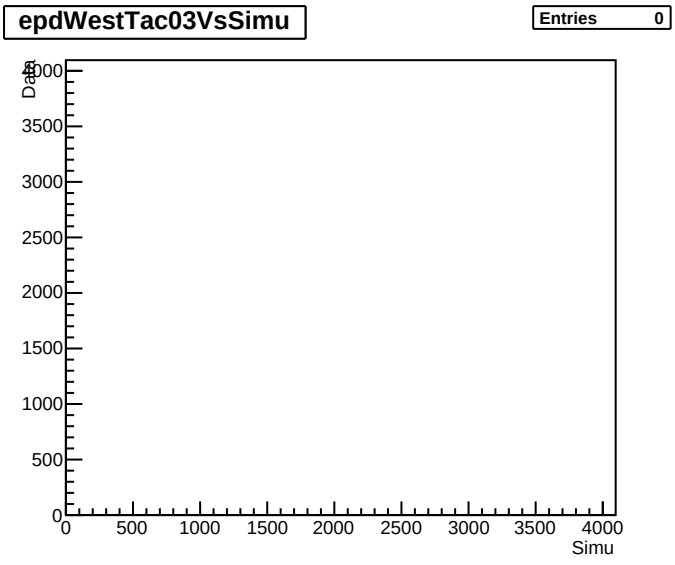
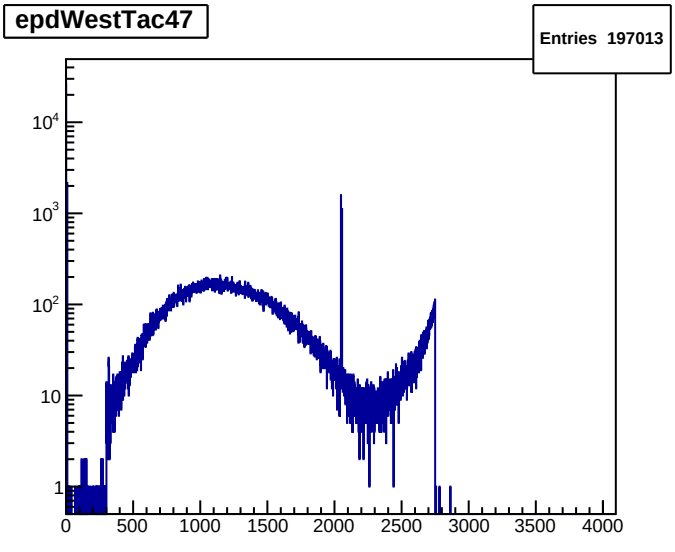
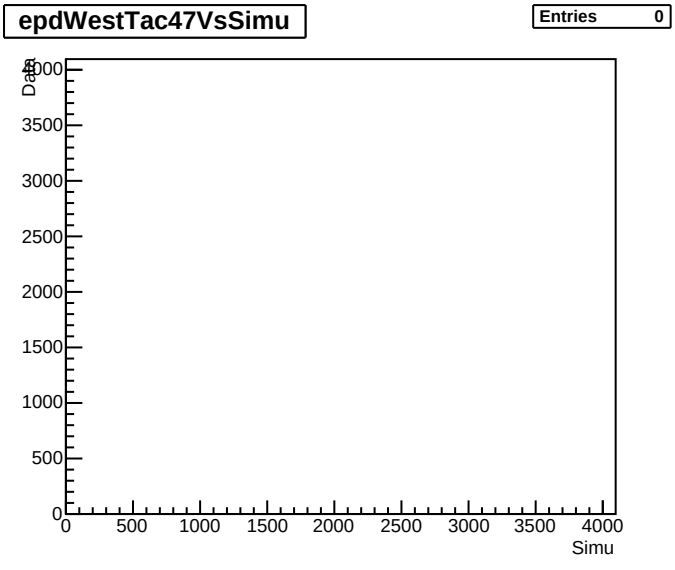
Entries 0
Data
Simu


epdWestTac03
Entries 197013


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 197013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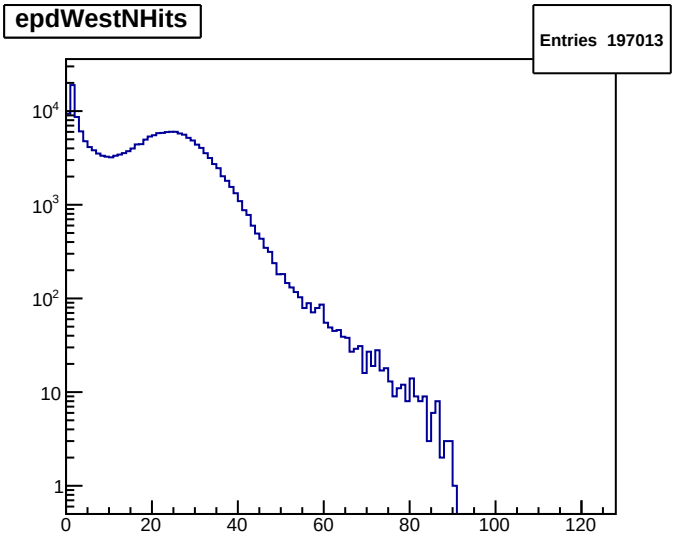
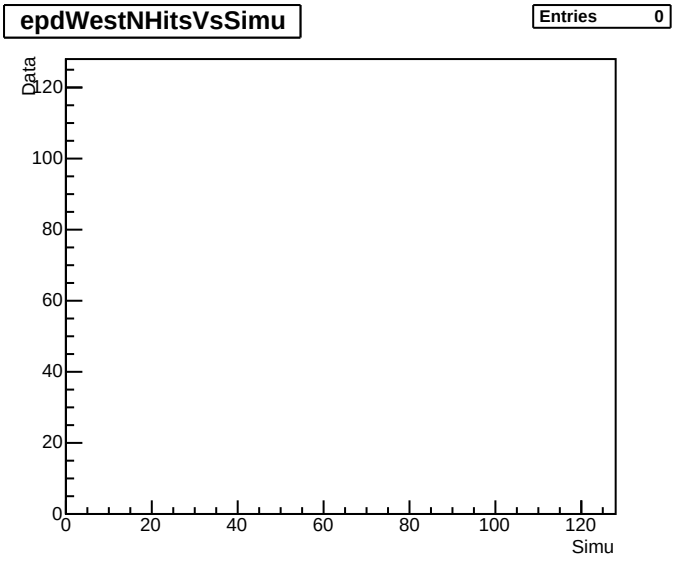
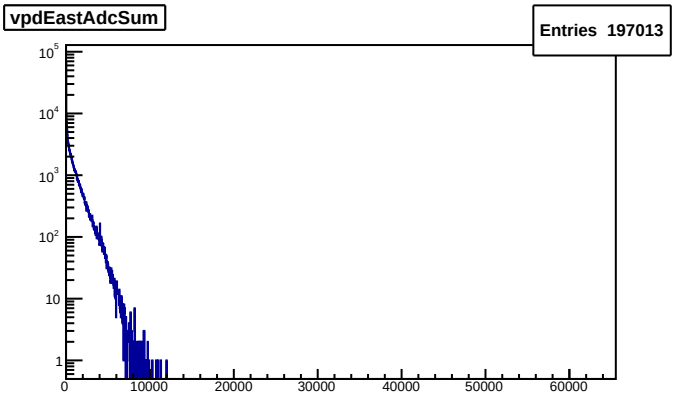
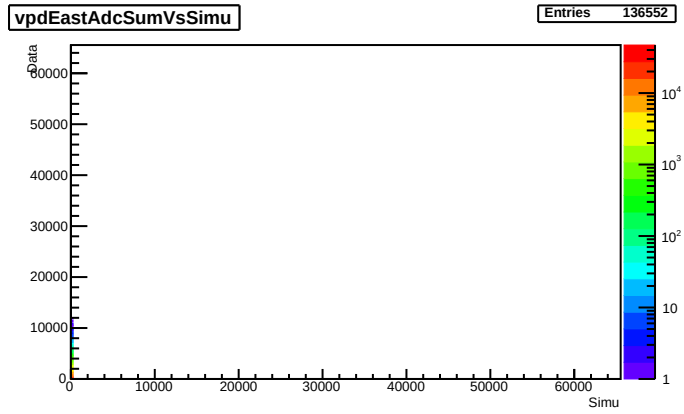
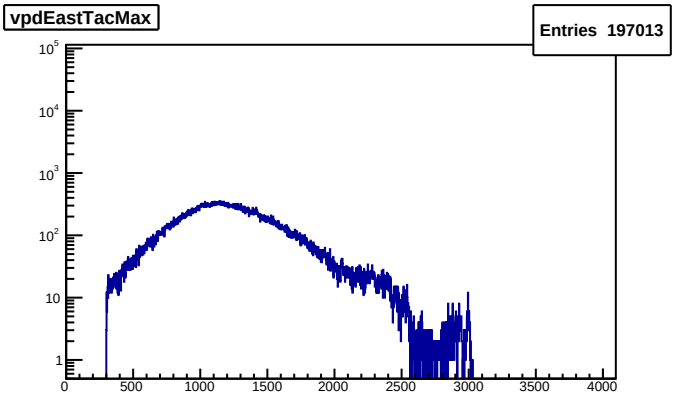
Entries 0
Data
Simu

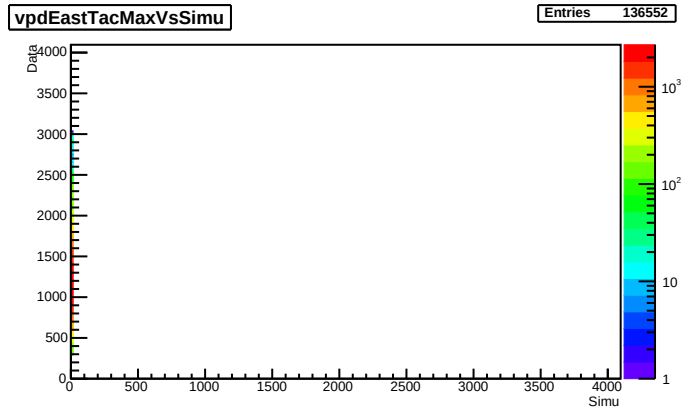

epdWestNHits
Entries 197013

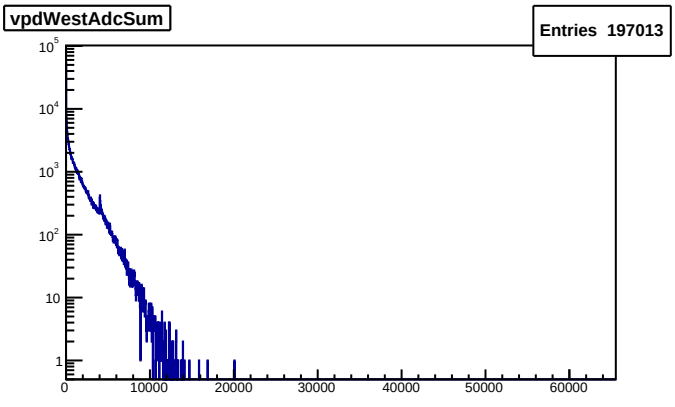

epdWestNHitsVsSimu
Entries 0
Data
Simu

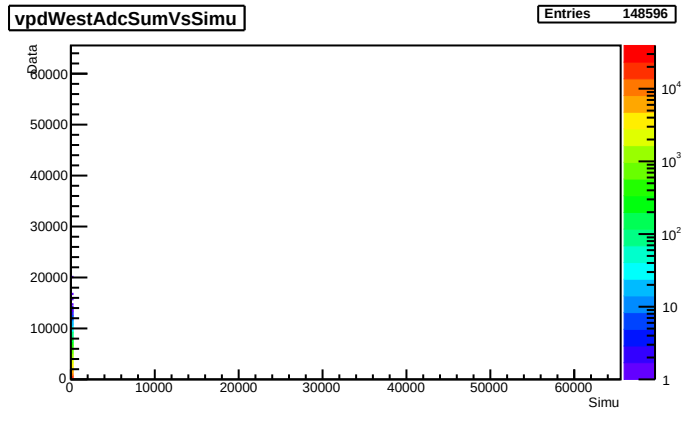

vpdEastAdcSum
Entries 197013

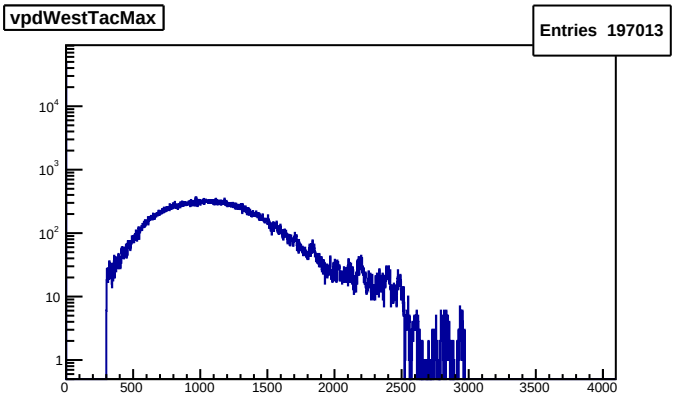

vpdEastAdcSumVsSimu
Entries 136552
Data
Simu

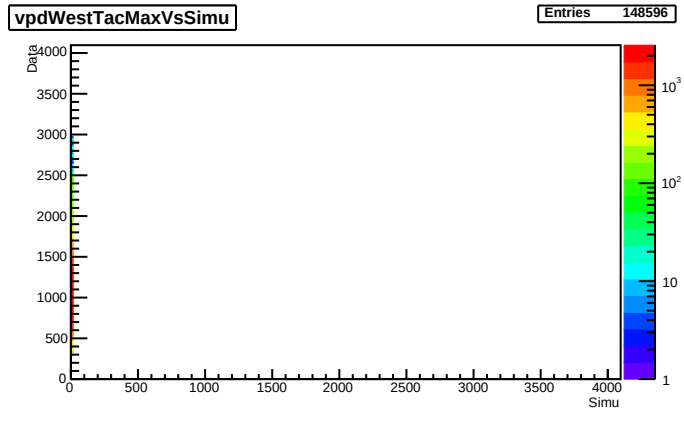

vpdEastTacMax
Entries 197013

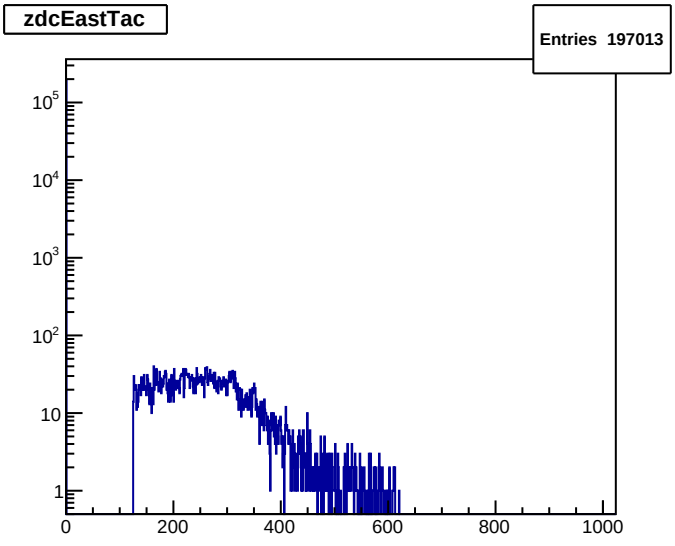

vpdEastTacMaxVsSimu
Entries 136552
Data
Simu

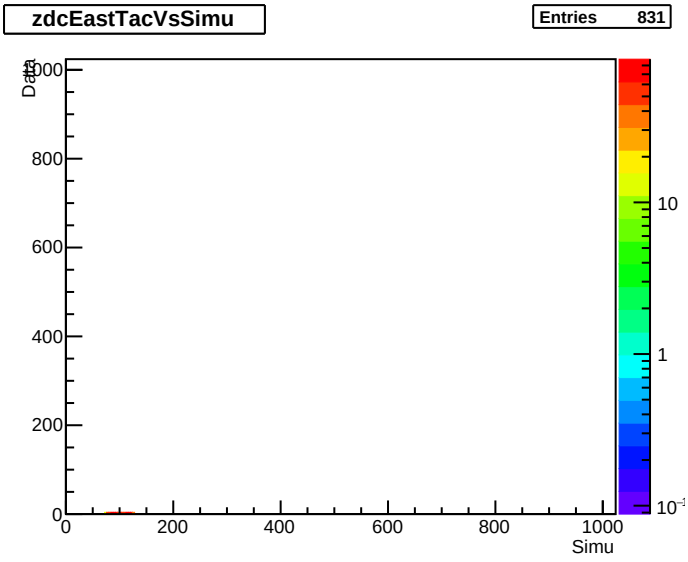

vpdWestAdcSum
Entries 197013

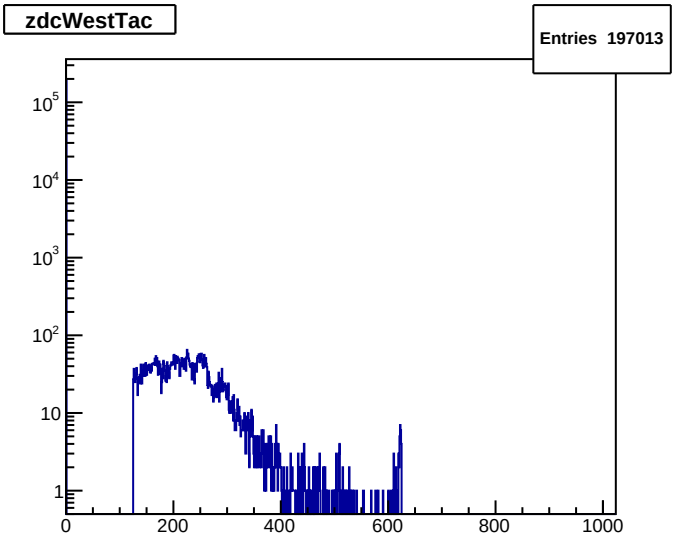

vpdWestAdcSumVsSimu
Entries 148596
Data
Simu

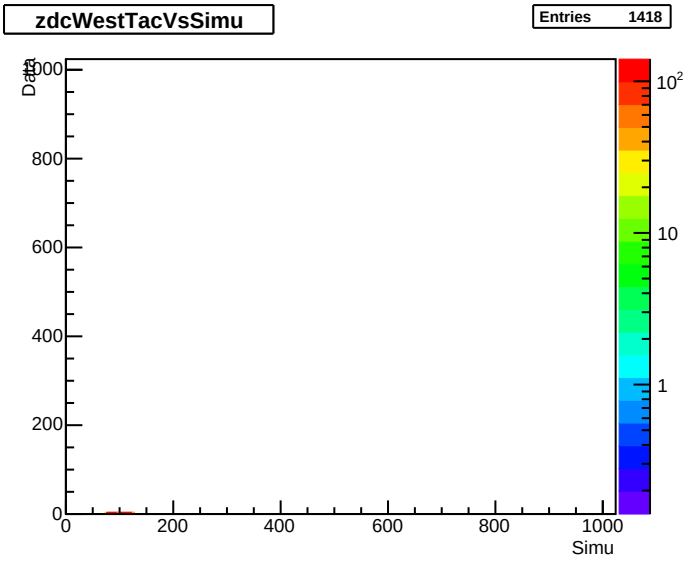

vpdWestTacMax
Entries 197013

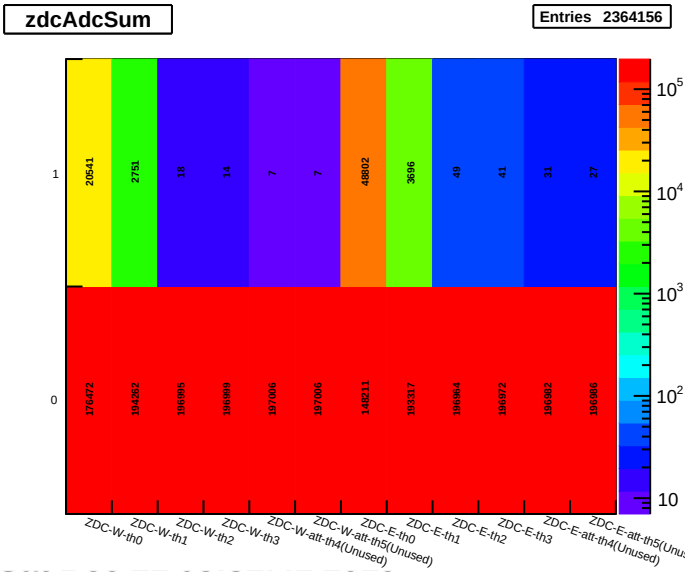

vpdWestTacMaxVsSimu
Entries 148596
Data
Simu

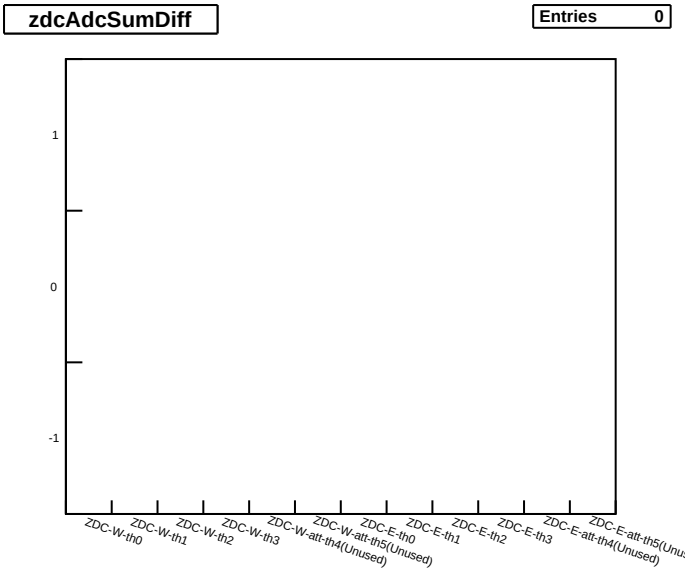

zdcEastTac
Entries 197013

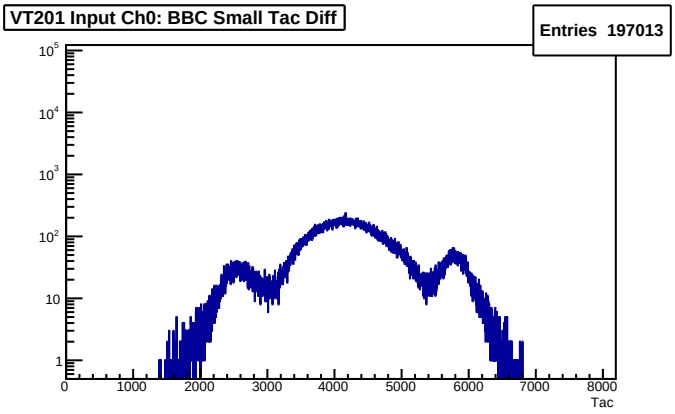

zdcEastTacVsSimu
Entries 831
Data
Simu

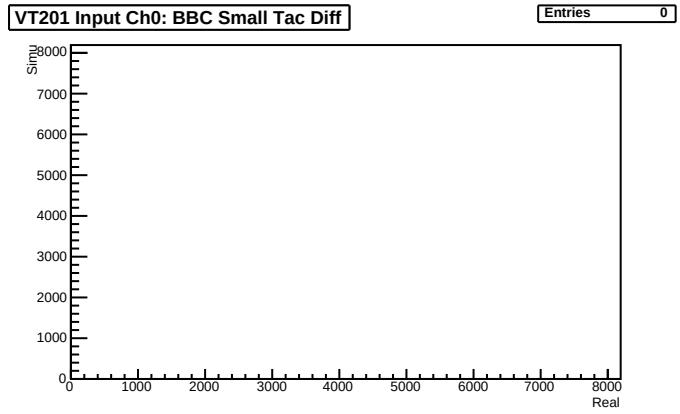

zdcWestTac
Entries 197013

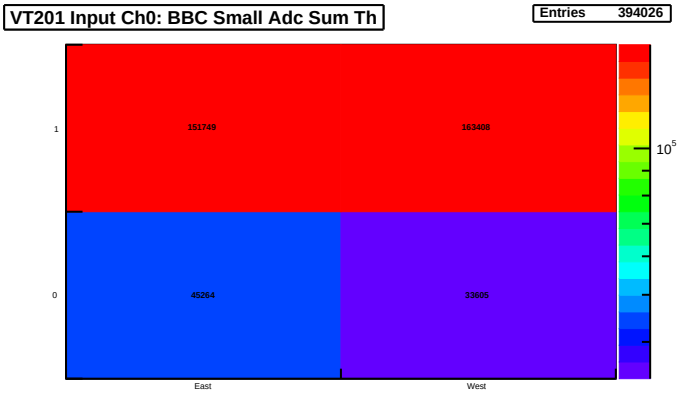

zdcWestTacVsSimu
Entries 1418
Data
Simu

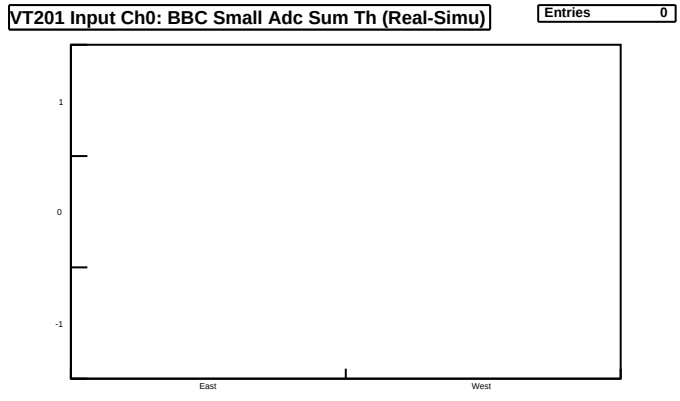

zdcAdcSum
Entries 2364156
20541
2751
18
14
7
7
48802
3696
49
41
31
27
176472
194262
196995
196999
197006
197006
145211
193317
196964
196972
196982
196986
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

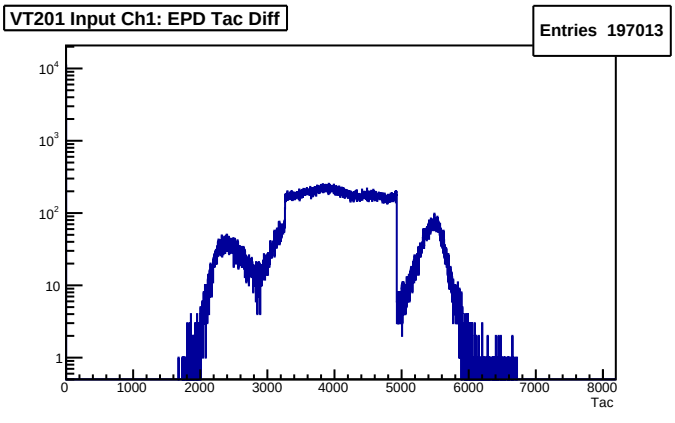

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

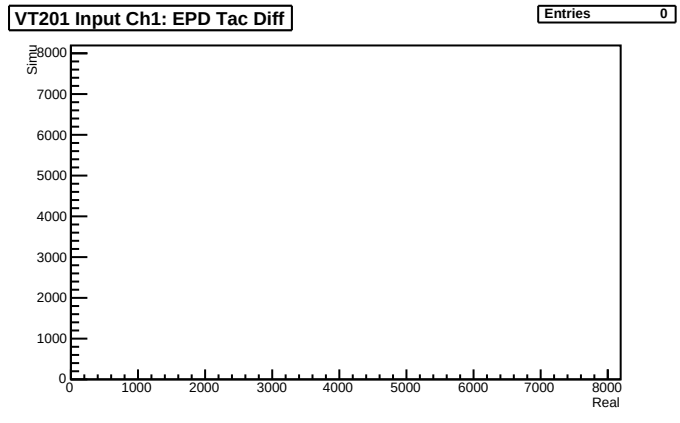

VT201 Input Ch0: BBC Small Tac Diff
Entries 197013
Tac

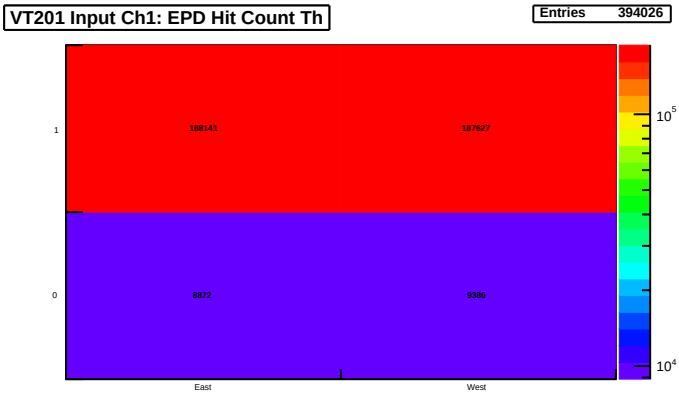

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

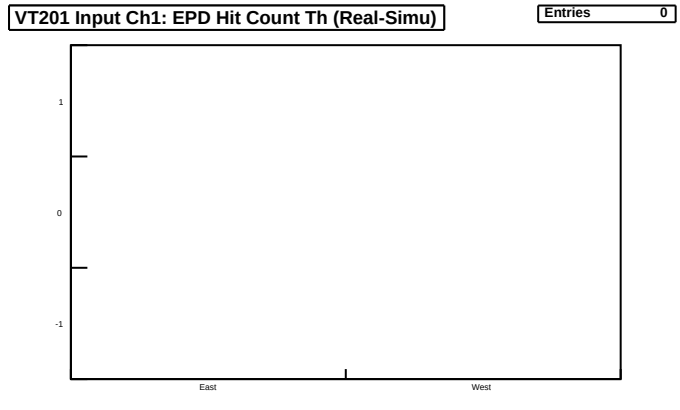

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 394026
151749
163408
45264
33605
East
West

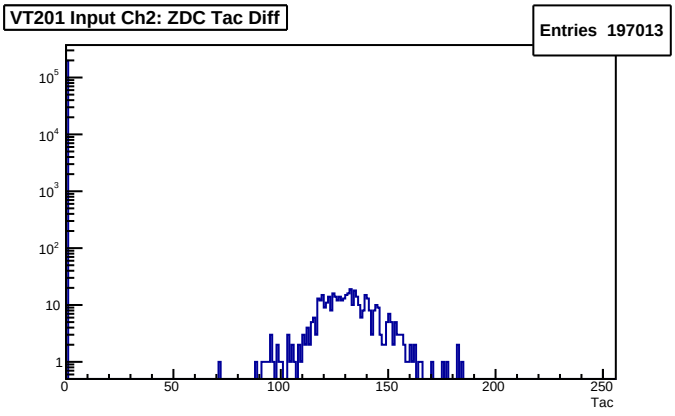

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

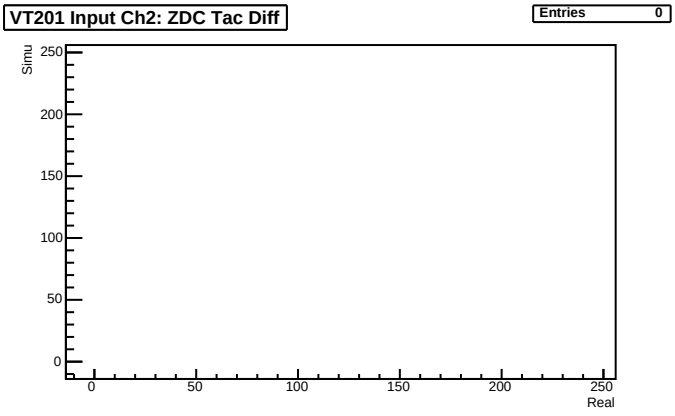

VT201 Input Ch1: EPD Tac Diff
Entries 197013
Tac

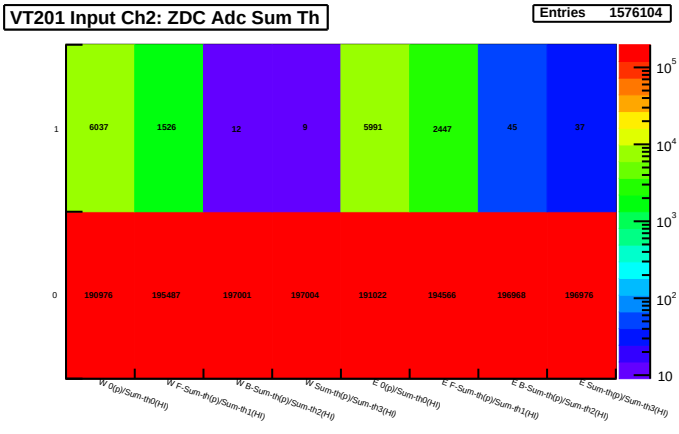

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

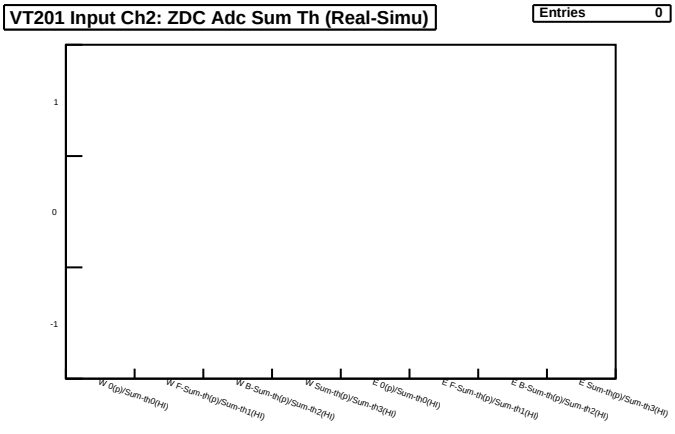

VT201 Input Ch1: EPD Hit Count Th
Entries 394026
188141
187627
8872
9386
East
West

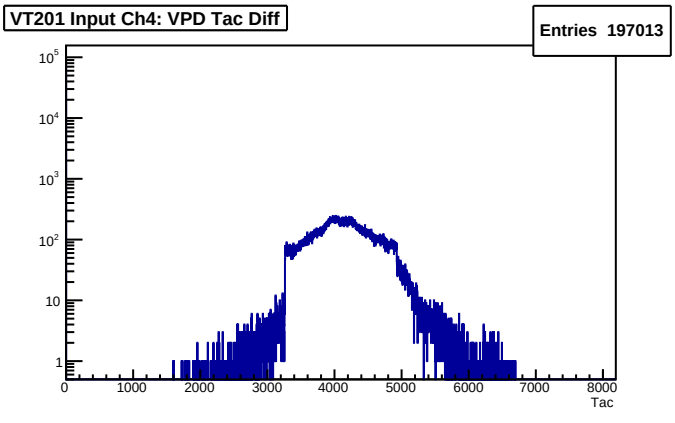

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

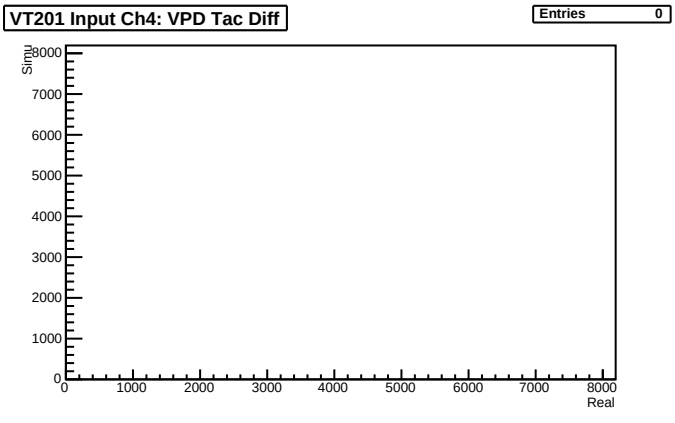

VT201 Input Ch2: ZDC Tac Diff
Entries 197013
Tac

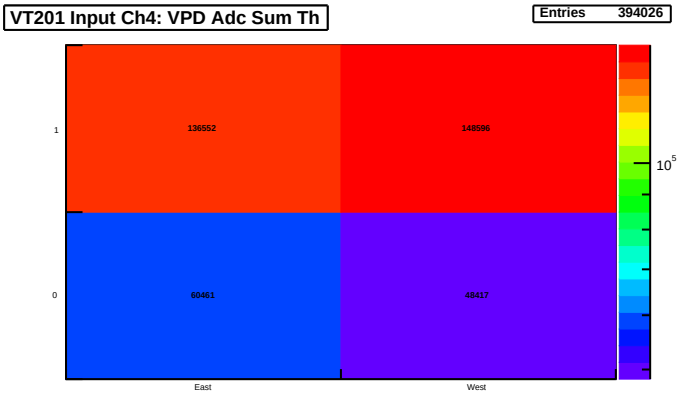

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

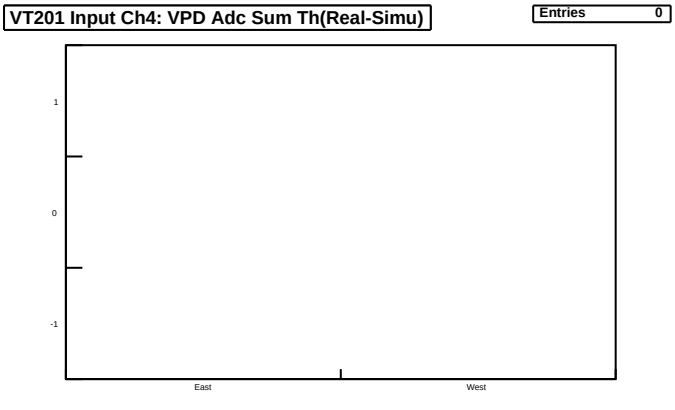

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1576104
6037
1526
12
9
5991
2447
45
37
190976
195487
197001
197004
191022
194566
196968
196976
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

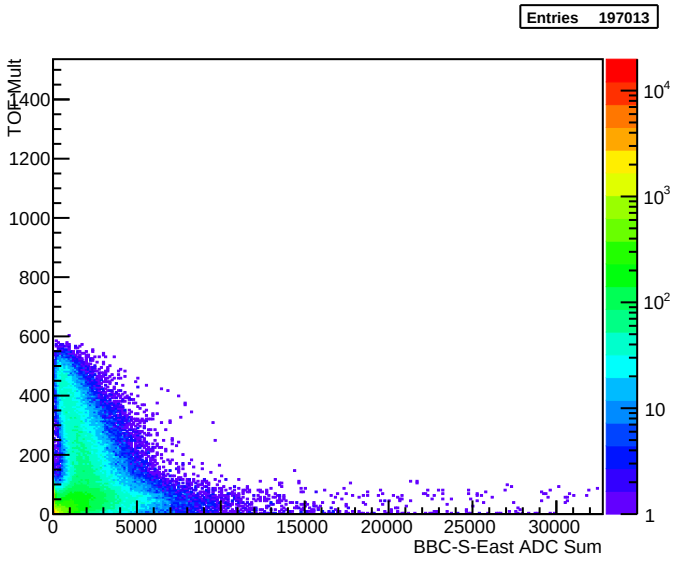

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

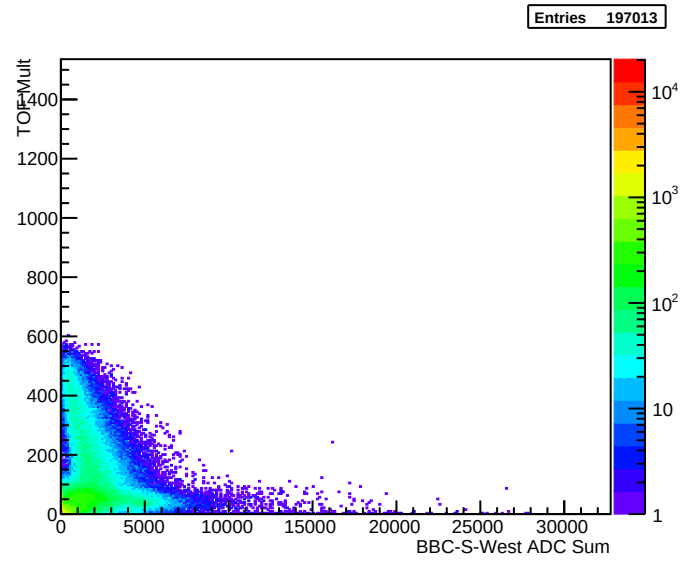

VT201 Input Ch4: VPD Tac Diff
Entries 197013
Tac

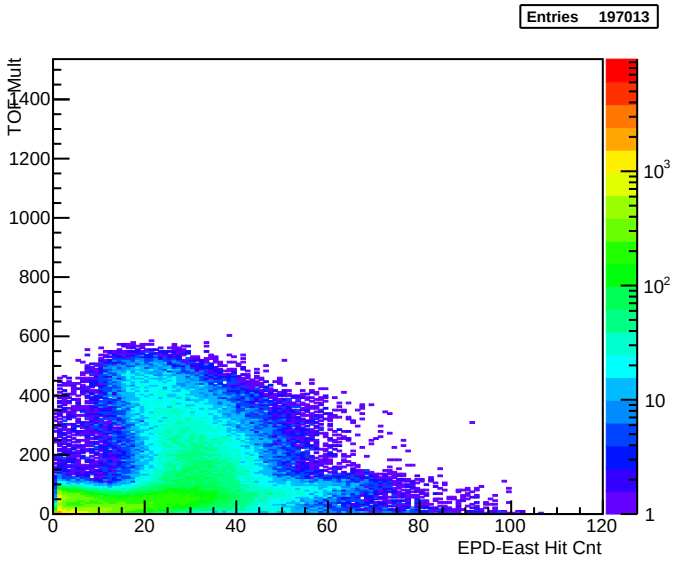

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

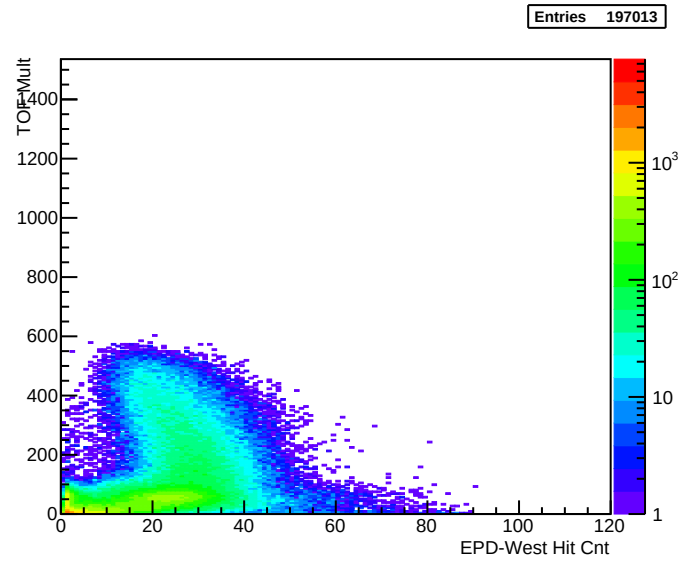

VT201 Input Ch4: VPD Adc Sum Th
Entries 394026
136552
148596
60461
48417
East
West

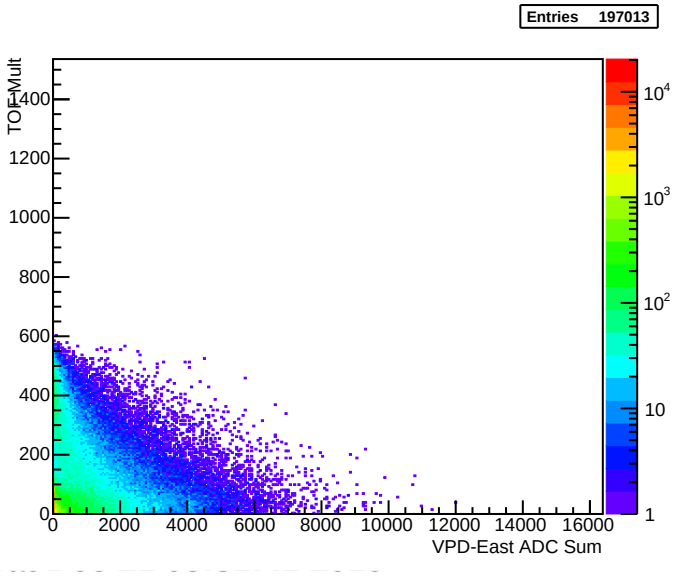

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

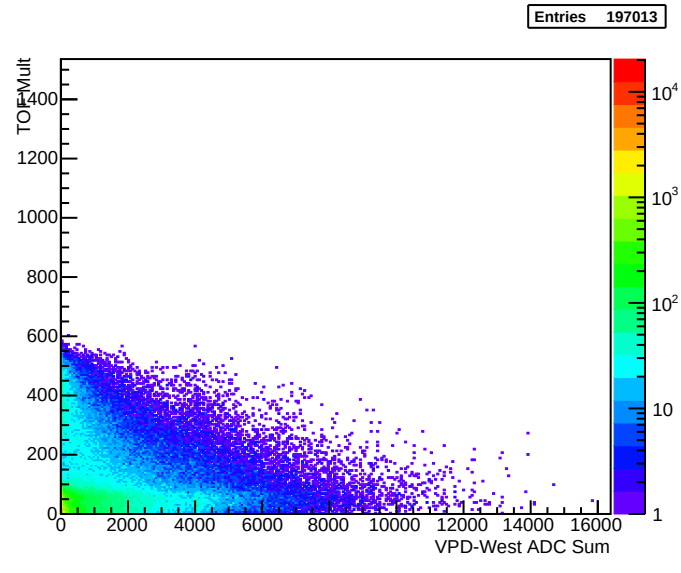

Entries 197013
TOF-Mult
BBC-S-East ADC Sum

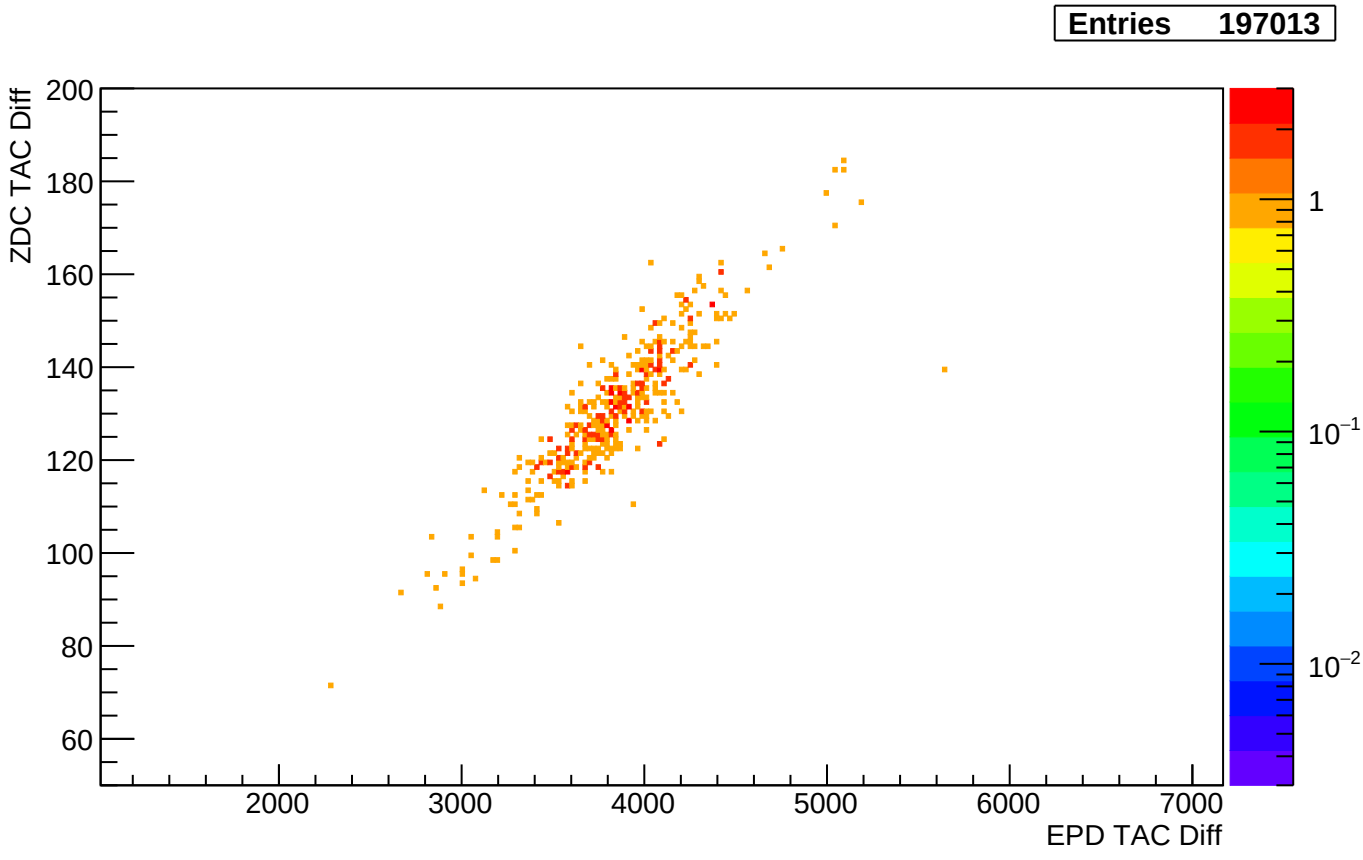

Entries 197013
TOF-Mult
BBC-S-West ADC Sum

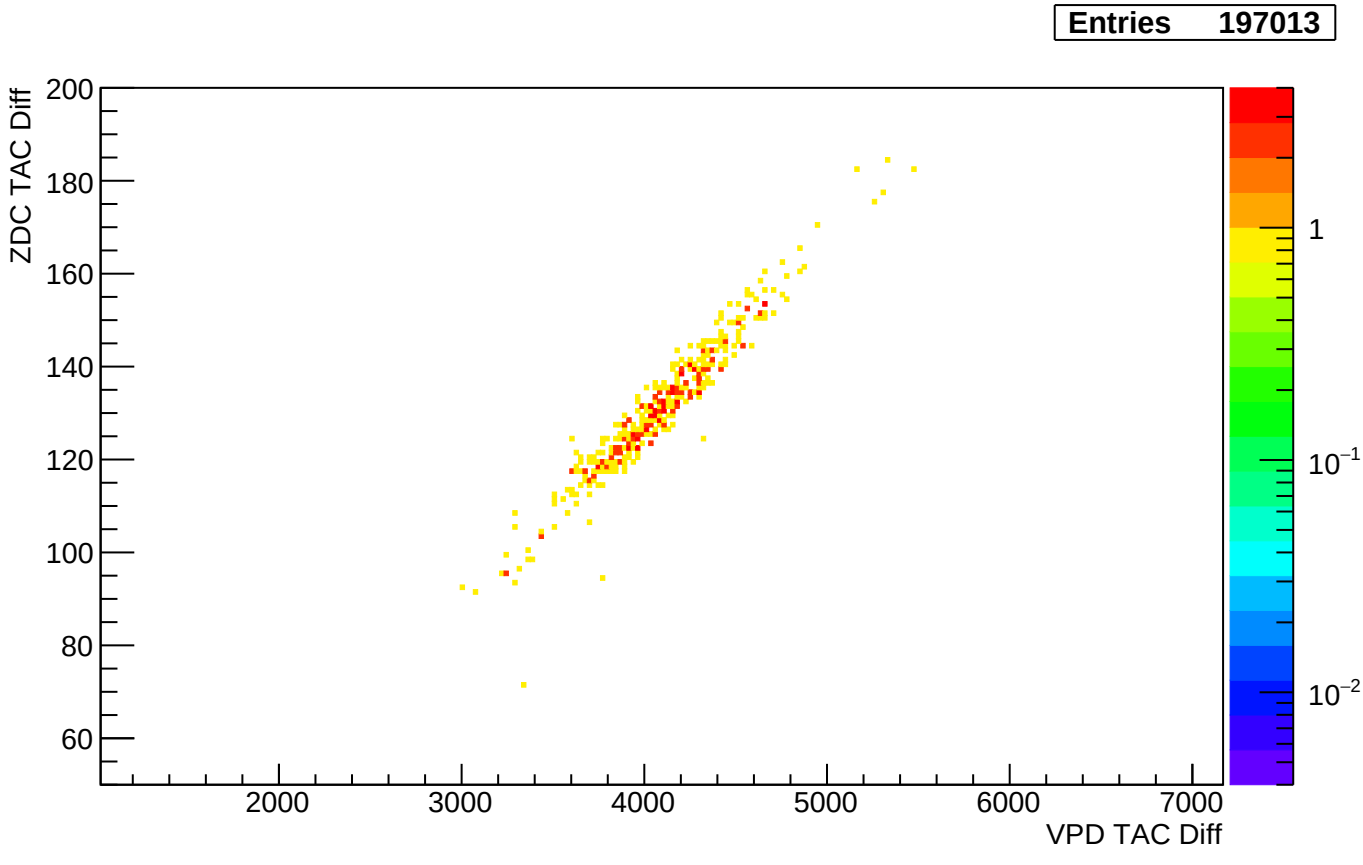

Entries 197013
TOF-Mult
EPD-East Hit Cnt

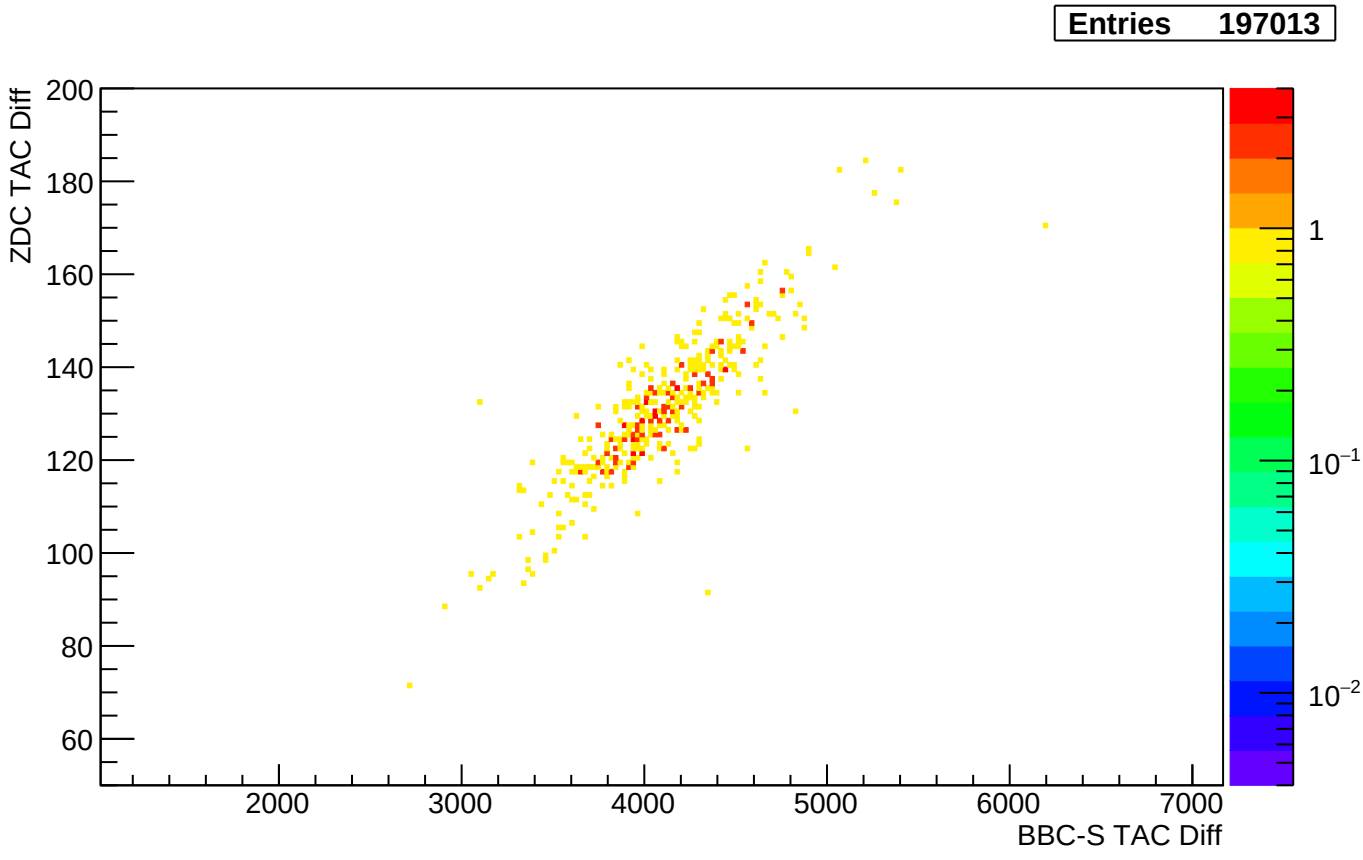

Entries 197013
TOF-Mult
EPD-West Hit Cnt

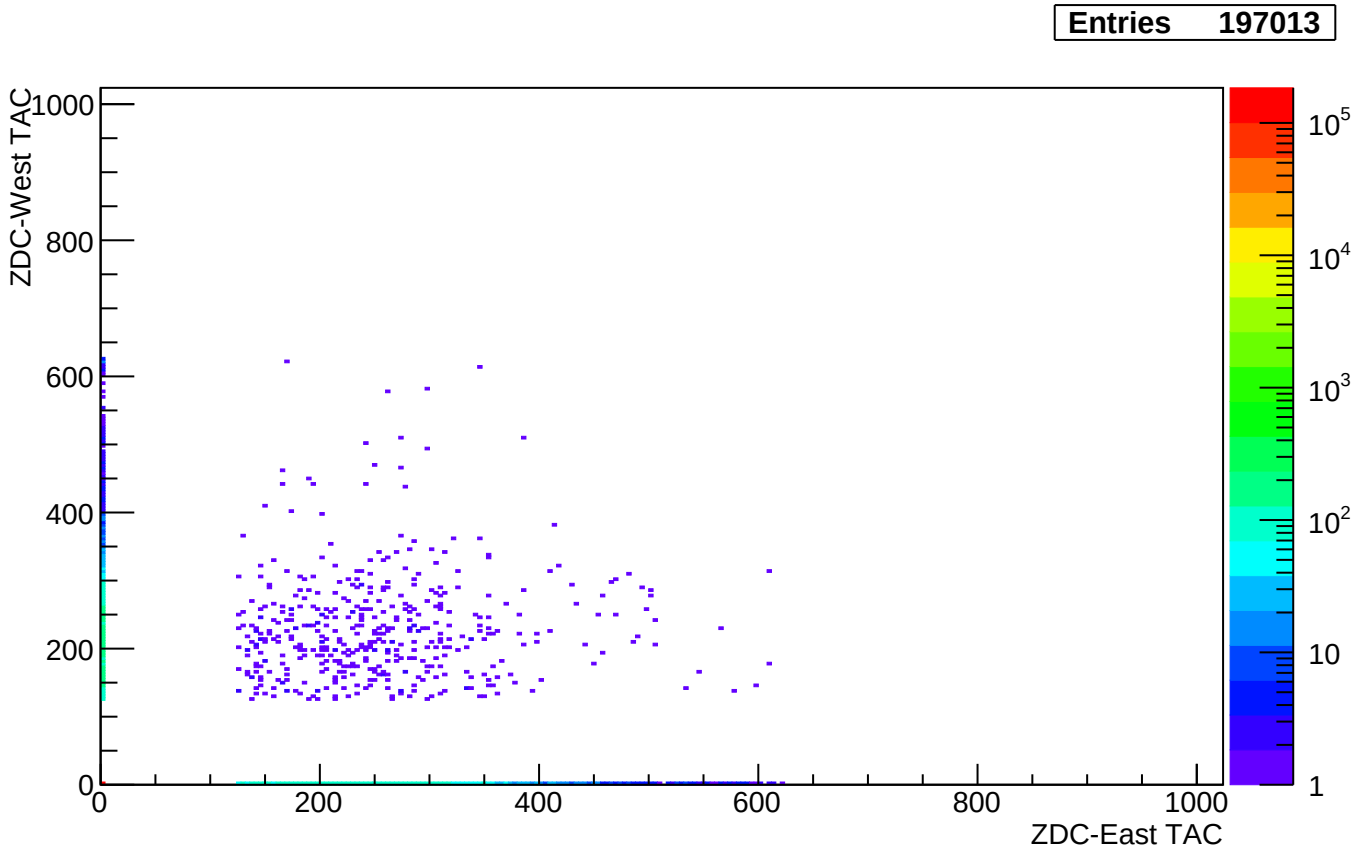

Entries 197013
TOF-Mult
VPD-East ADC Sum

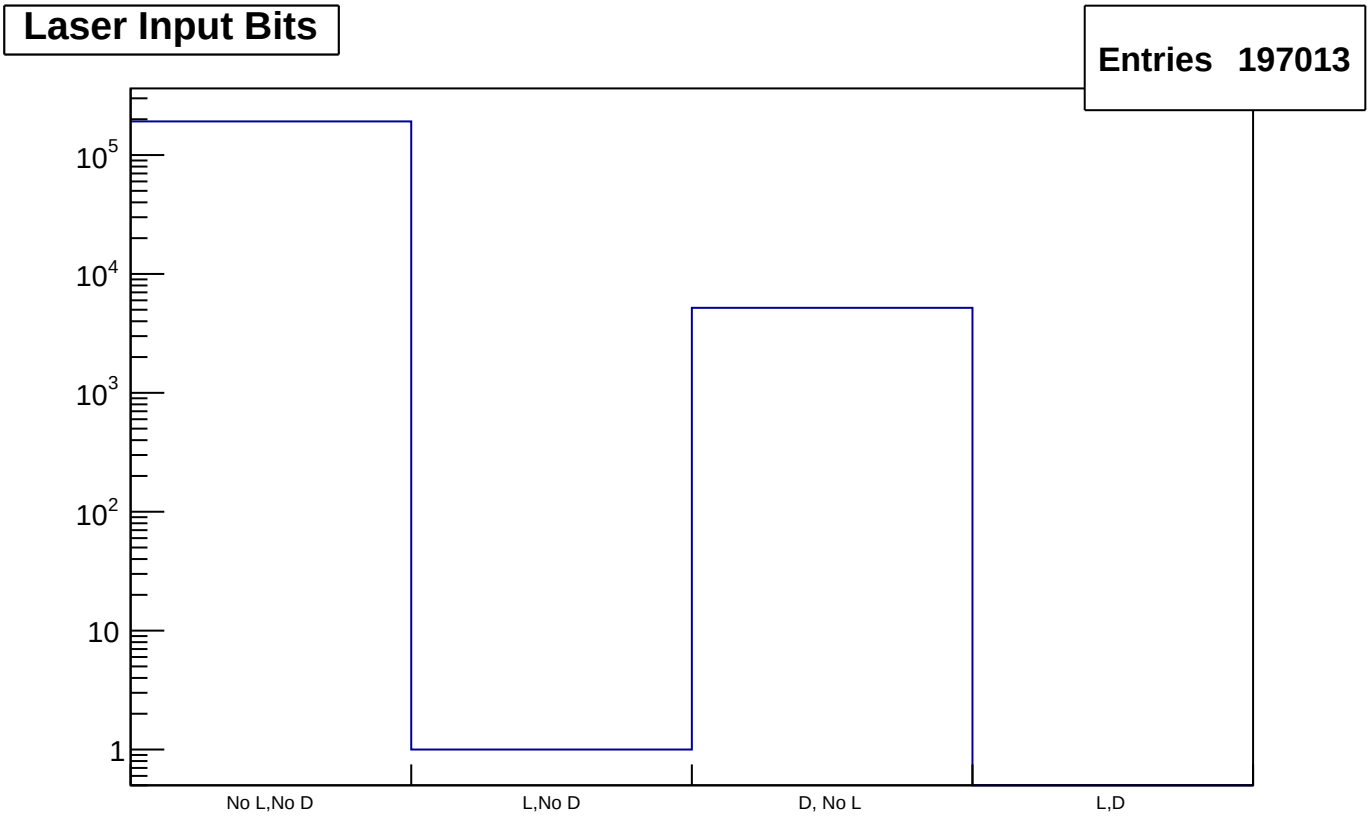

Entries 197013
TOF-Mult
VPD-West ADC Sum

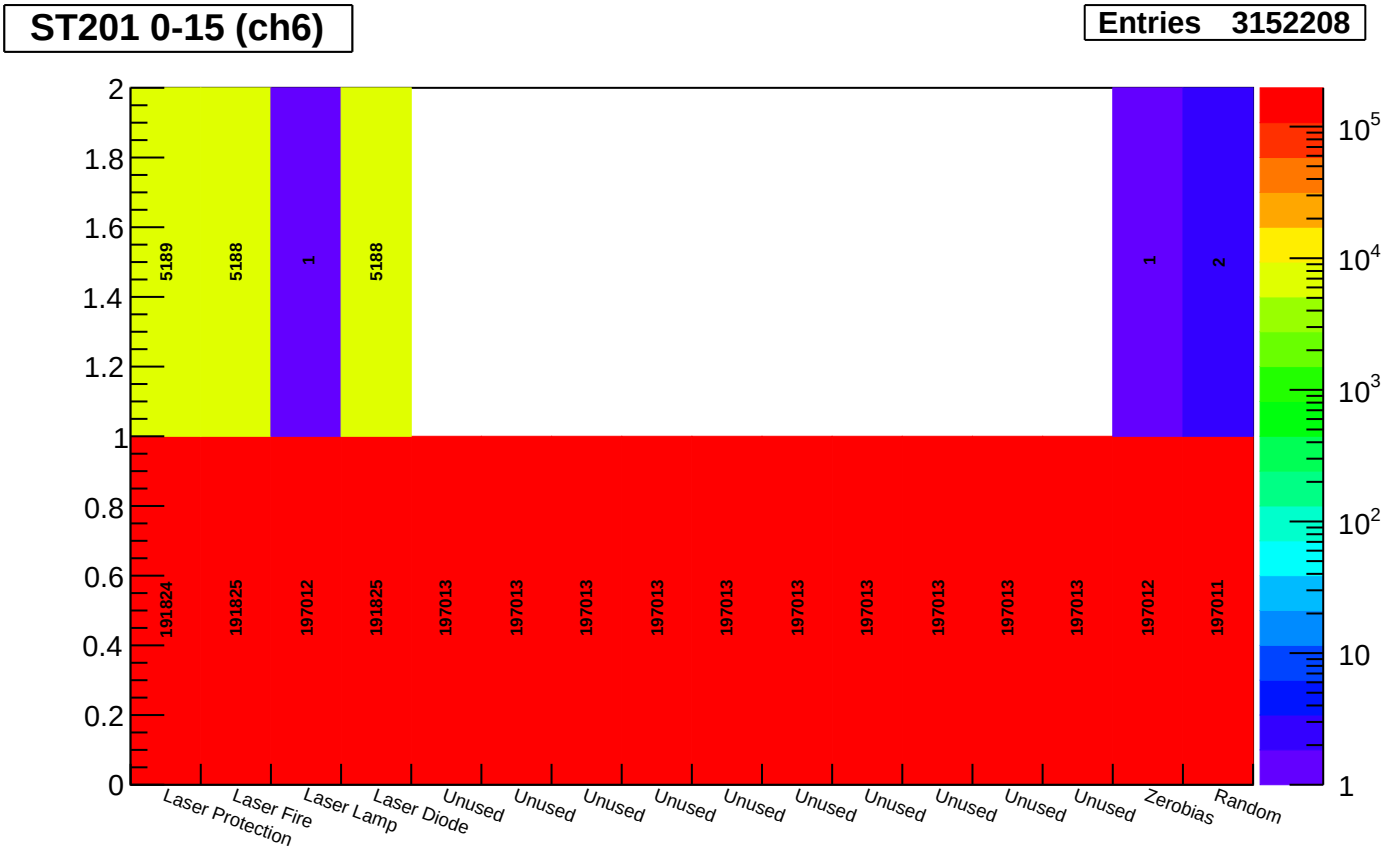

Entries 197013
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

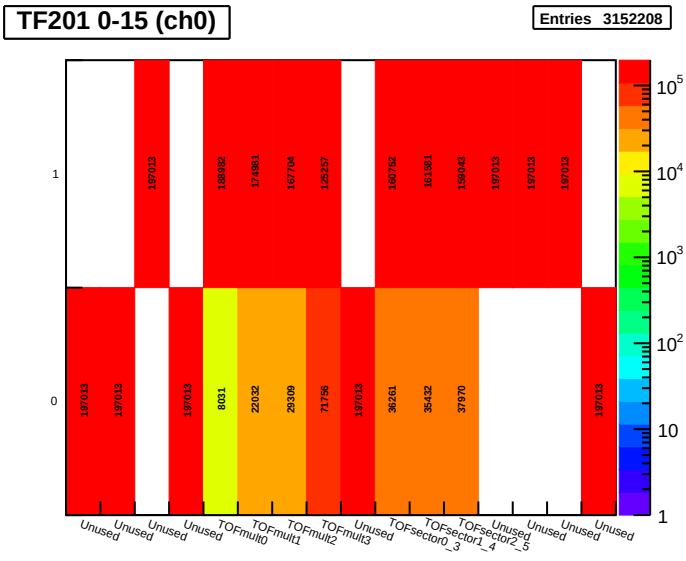

Entries 197013
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

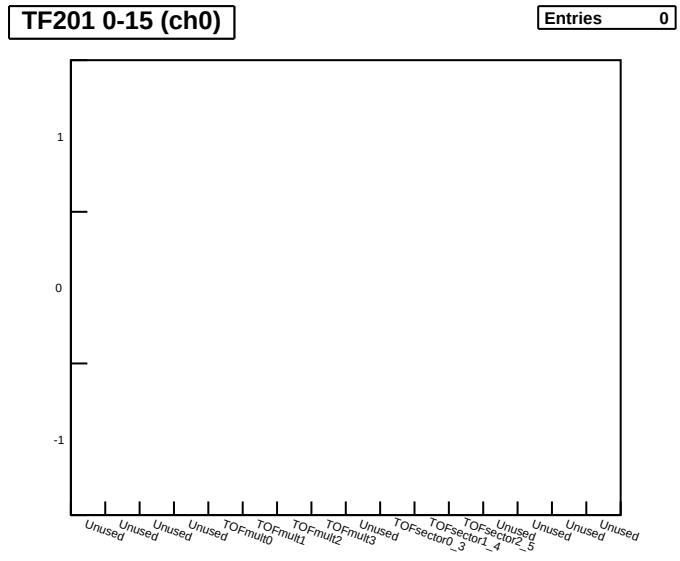

Entries 197013
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

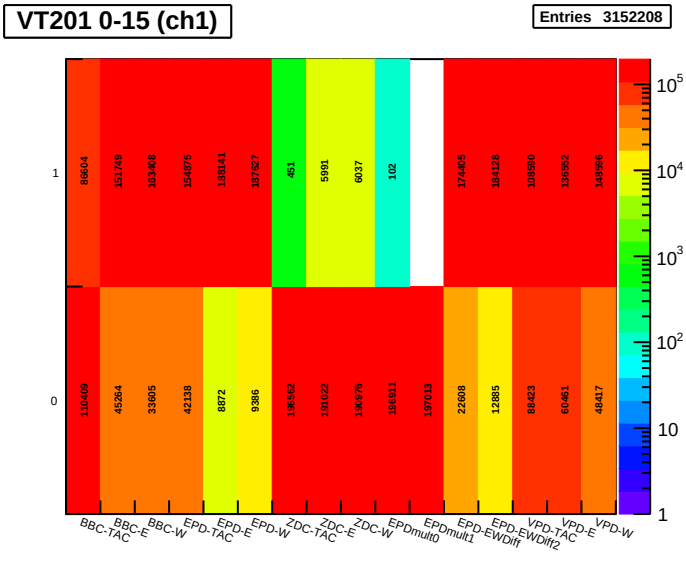

Entries 197013
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

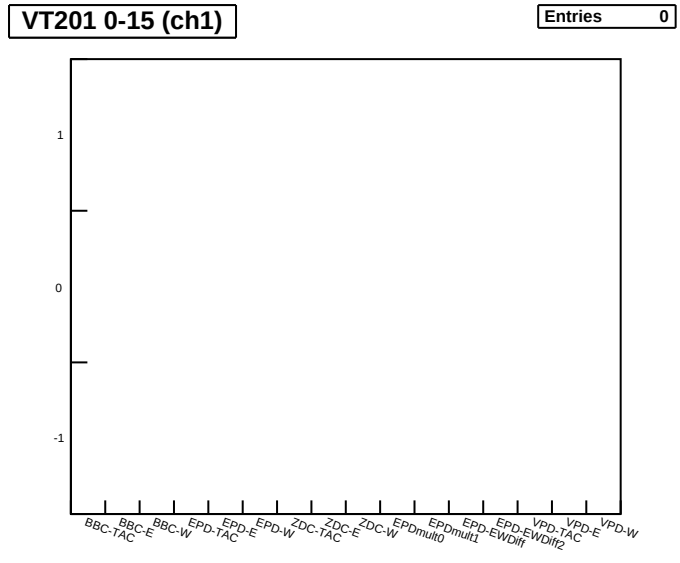

Laser Input Bits
Entries 197013
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

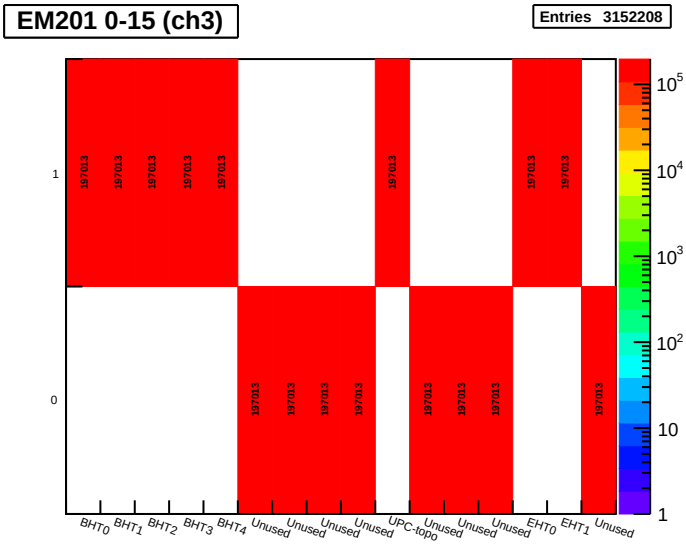

ST201 0-15 (ch6)
Entries 3152208
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5189
5188
1
5188
1
2
191824
191825
197012
191825
197013
197013
197013
197013
197013
197013
197013
197013
197013
197013
197012
197011
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

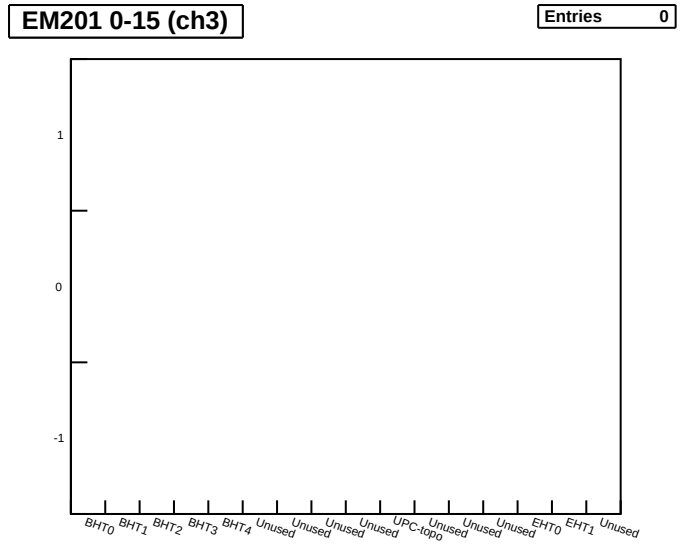

TF201 0-15 (ch0)
Entries 3152208
1
0
197013 197013 197013 197013 197013 188982 174981 157704 125257 160752 151931 139043 197013 197013 197013
197013 197013 197013 8031 22032 29309 71756 197013 36261 35432 37970 197013
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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


VT201 0-15 (ch1)
Entries 3152208
1
0
86604 151749 163408 154875 108141 187627 451 5991 6037 102 174405 184128 108590 136552 148596
110409 45264 33605 42138 8872 9386 196562 191022 190976 196911 197013 22608 12885 88423 60461 48417
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 3152208
1
0
197013 197013 197013 197013 197013 197013 197013 197013
197013 197013 197013 197013 197013 197013 197013 197013
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