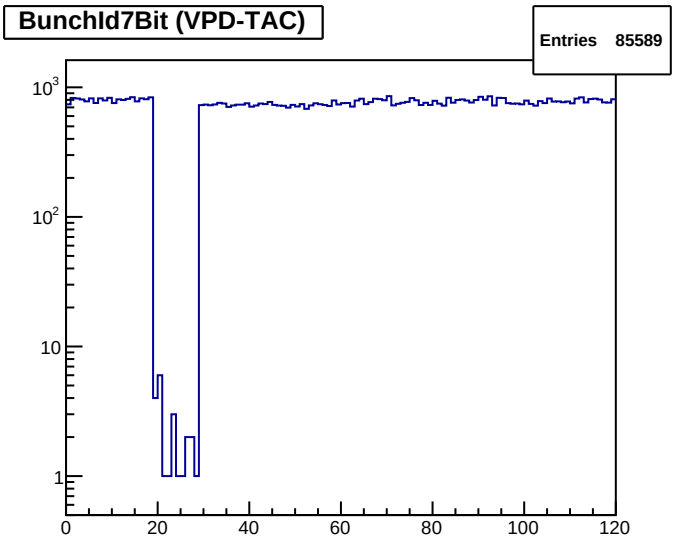
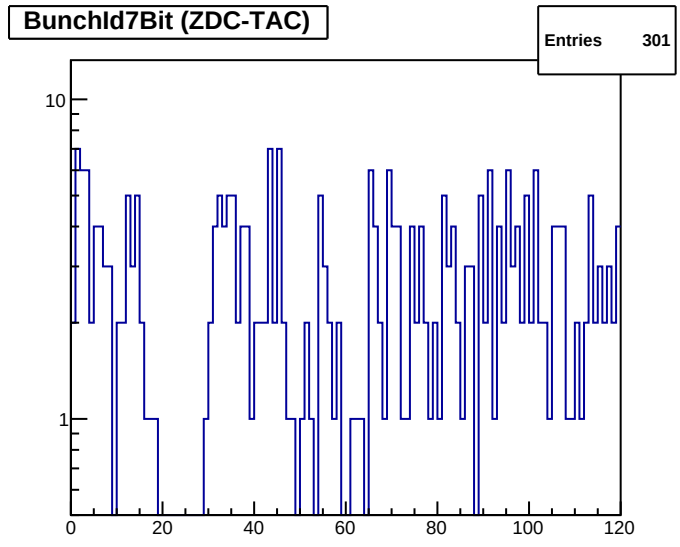
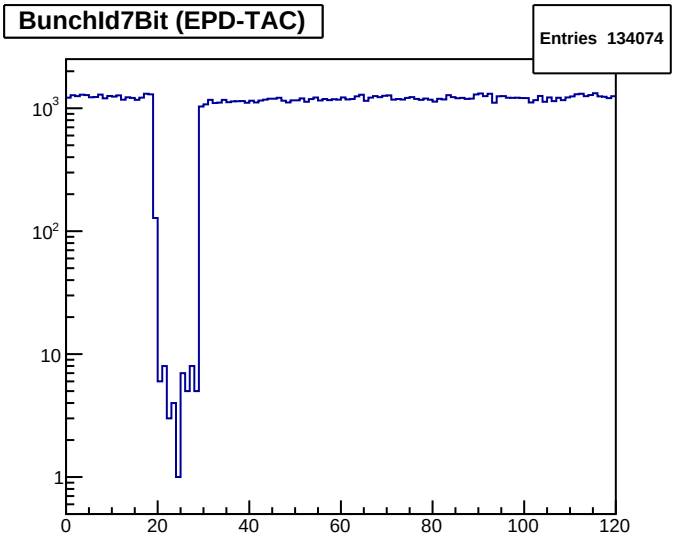
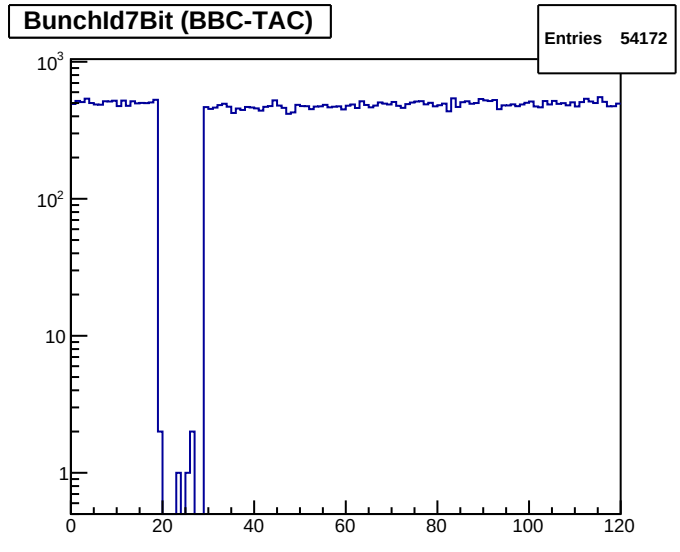
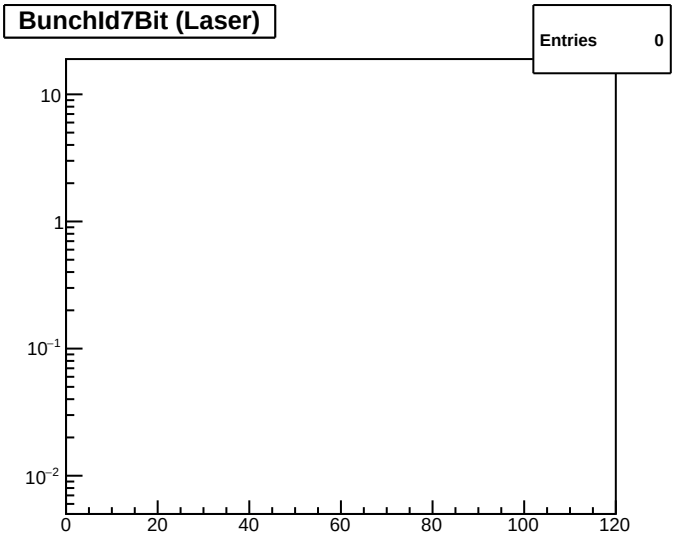
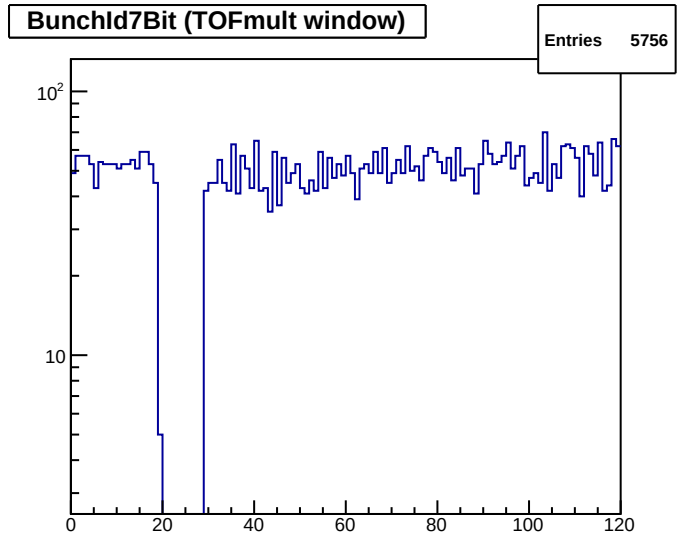

BunchId7Bit (VPD-TAC)
Entries 85589

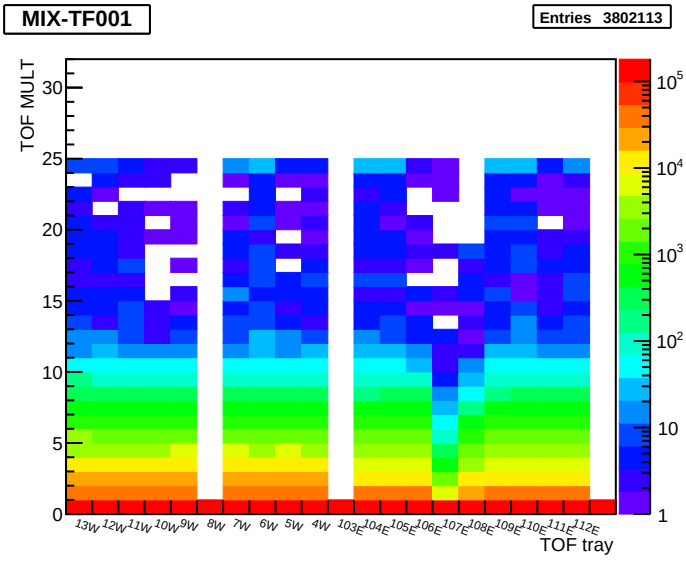

BunchId7Bit (ZDC-TAC)
Entries 301

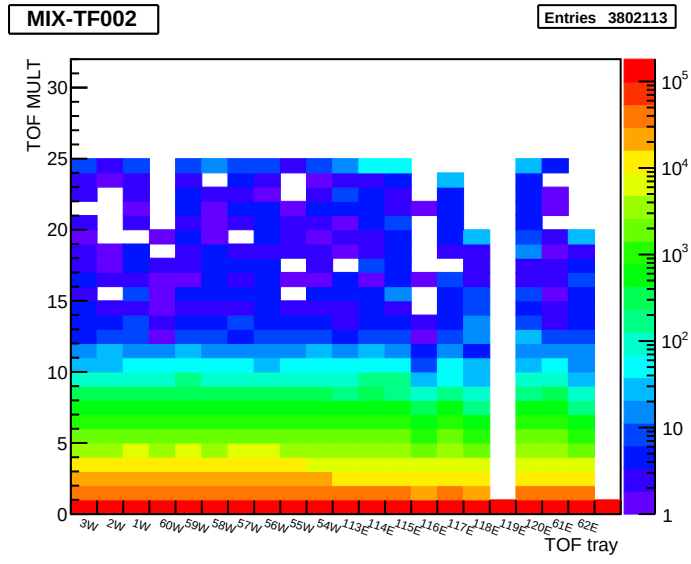

BunchId7Bit (EPD-TAC)
Entries 134074

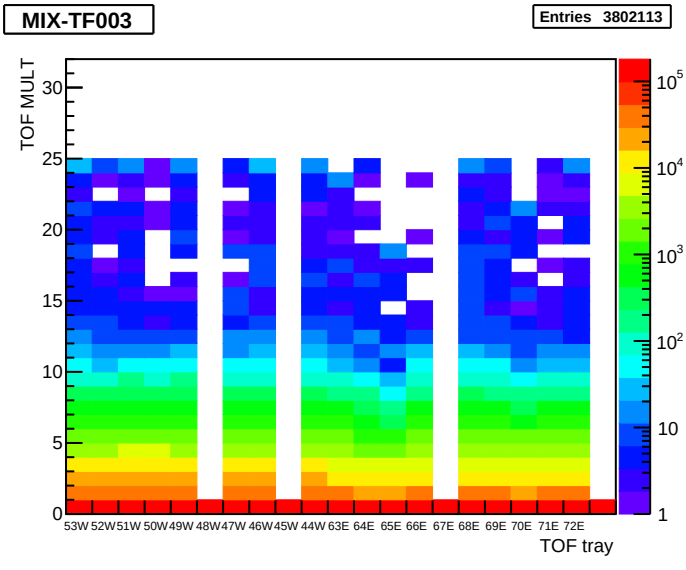

BunchId7Bit (BBC-TAC)
Entries 54172

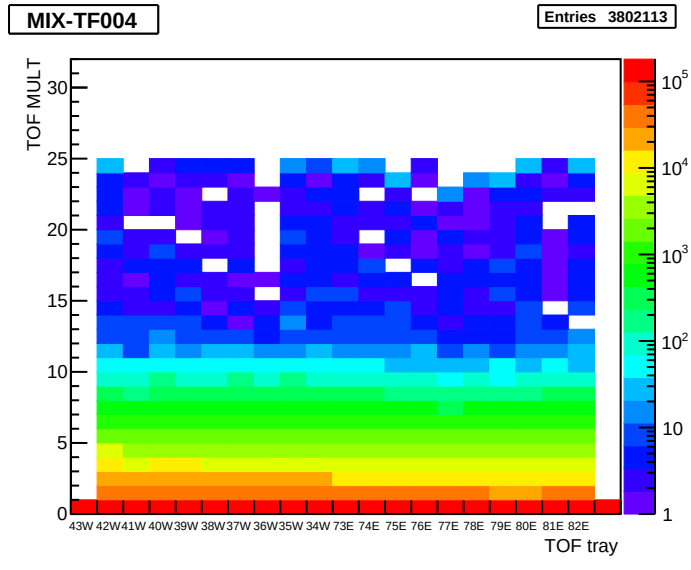

BunchId7Bit (Laser)
Entries 0

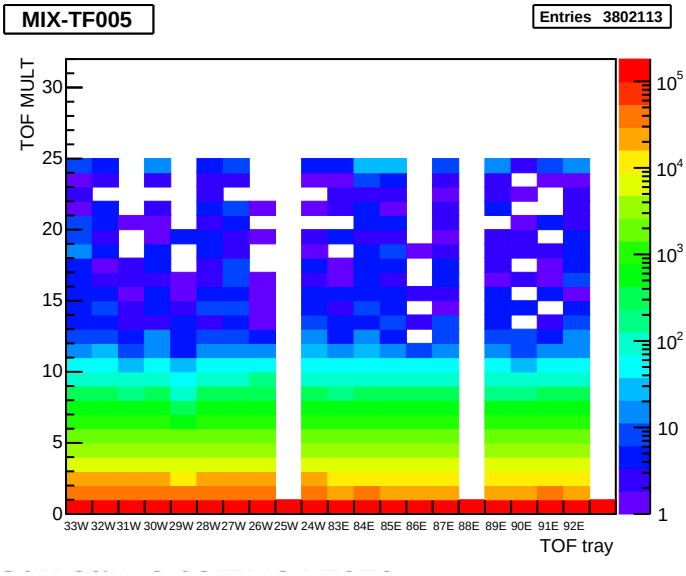

BunchId7Bit (TOFmult window)
Entries 5756

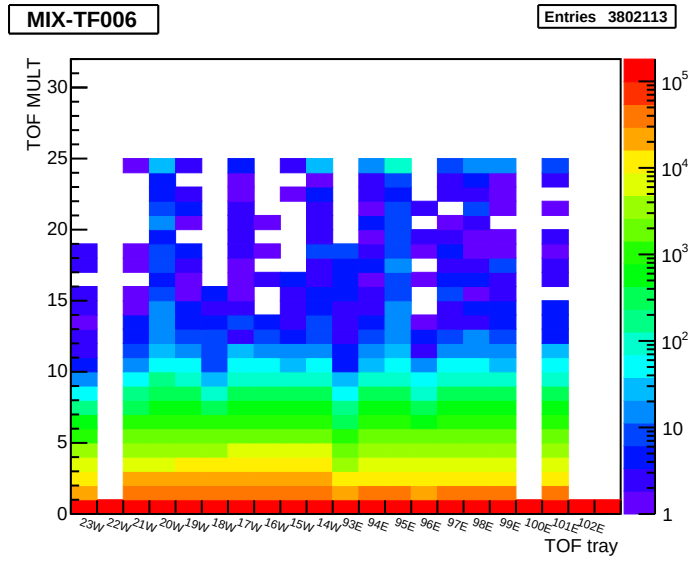

MIX-TF001
Entries 3802113
TOF MULT
TOF tray

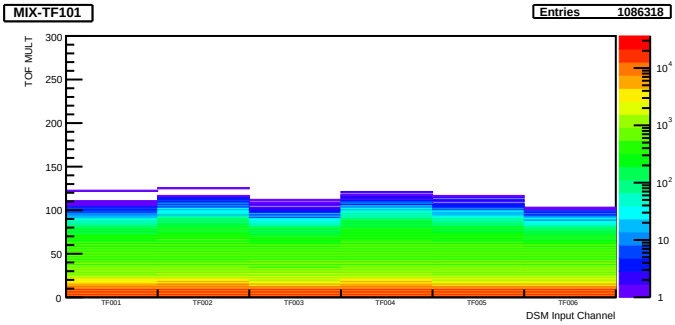

MIX-TF002
Entries 3802113
TOF MULT
TOF tray

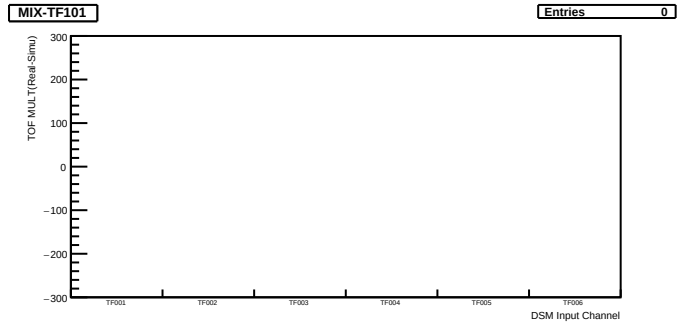

MIX-TF003
Entries 3802113
TOF MULT
TOF tray

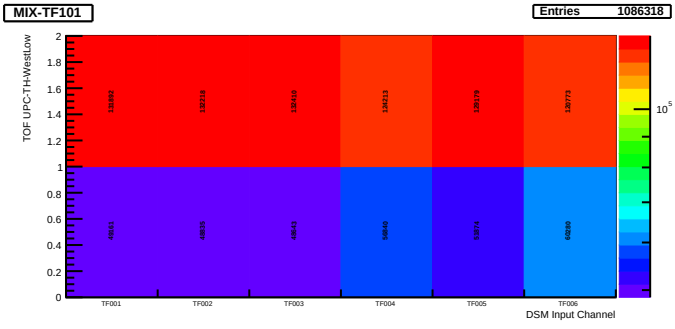

MIX-TF004
Entries 3802113
TOF MULT
TOF tray

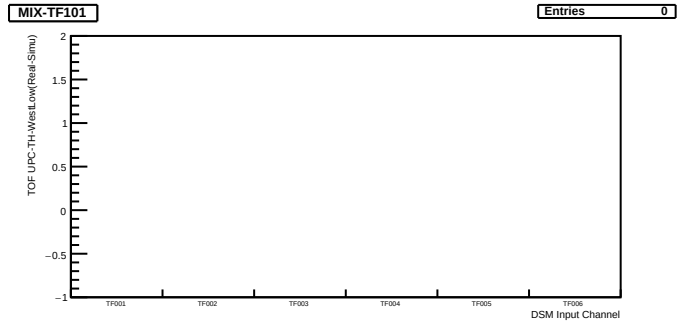

MIX-TF005
Entries 3802113
TOF MULT
TOF tray

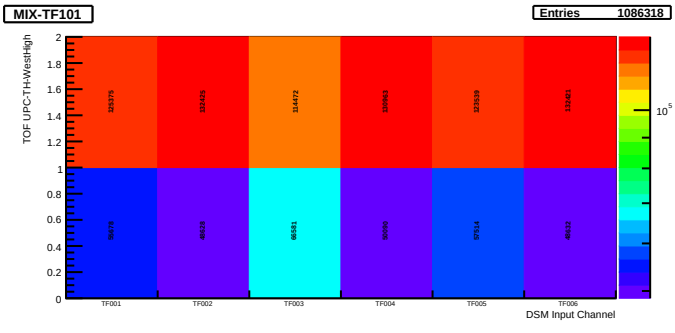

MIX-TF006
Entries 3802113
TOF MULT
TOF tray

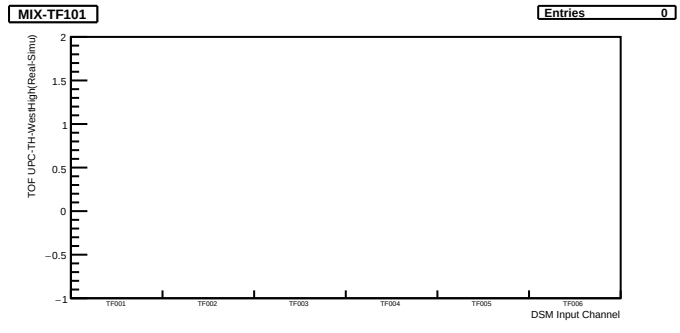

MIX-TF101
Entries 1086318
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

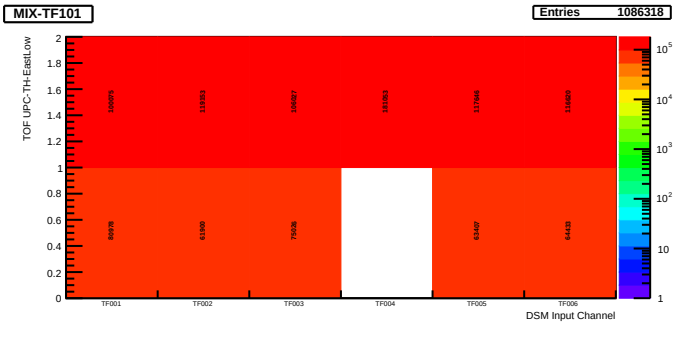

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

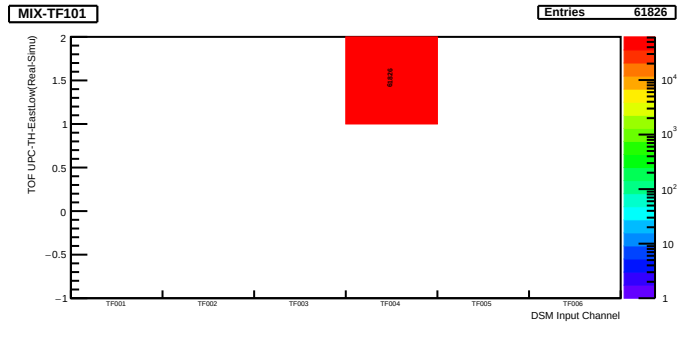

MIX-TF101
Entries 1086318
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

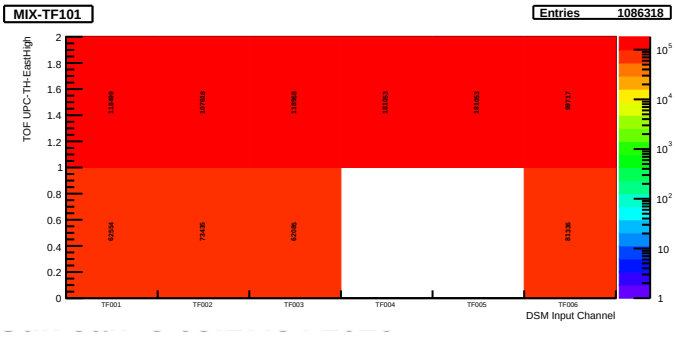

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

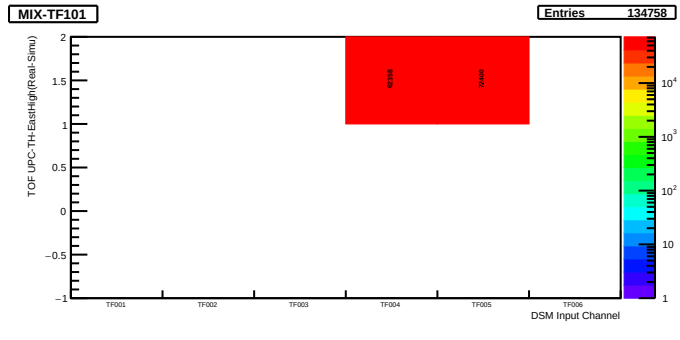

MIX-TF101
Entries 1086318
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

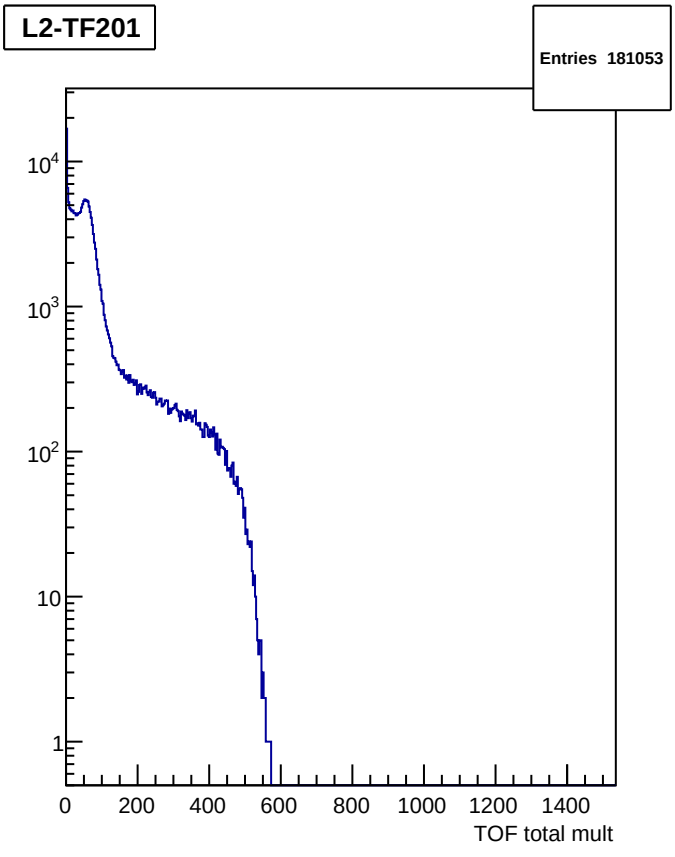

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

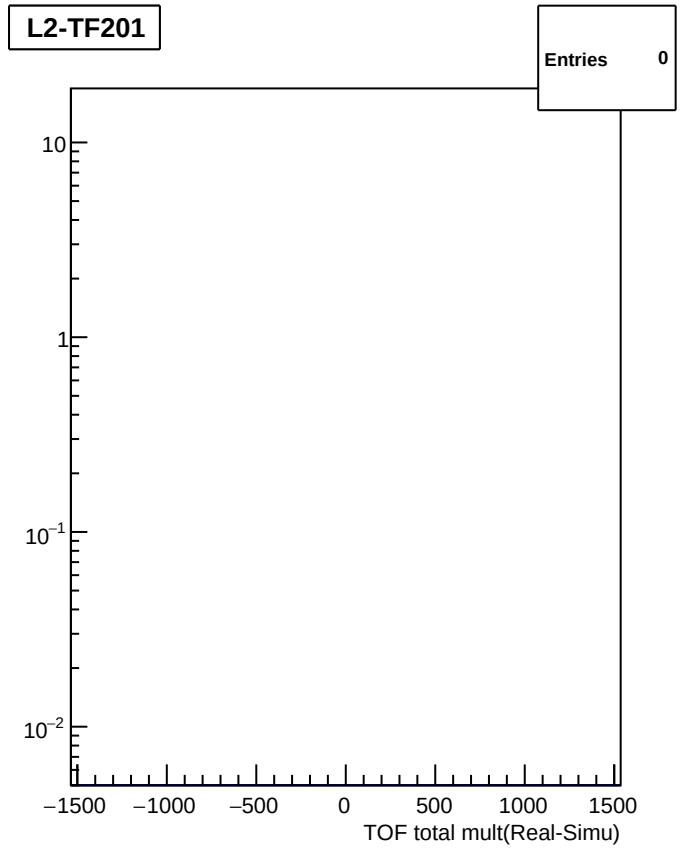

MIX-TF101
Entries 1086318
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

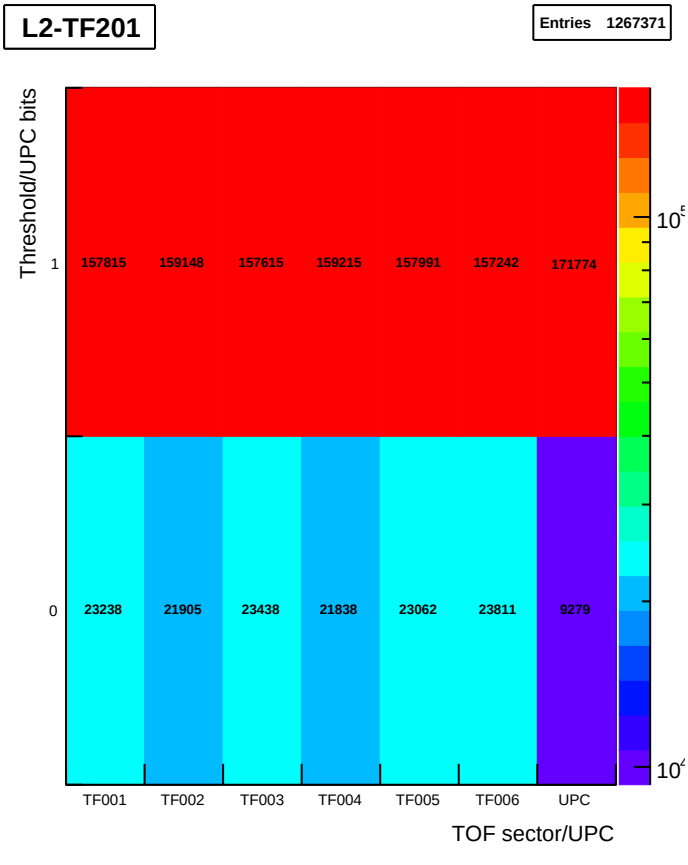

MIX-TF101
Entries 61826
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

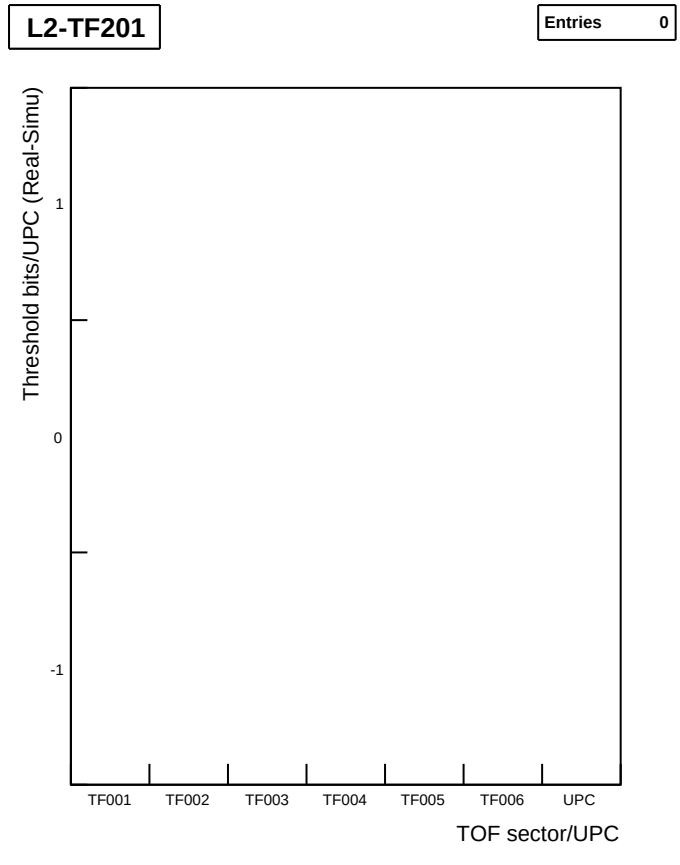

MIX-TF101
Entries 1086318
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

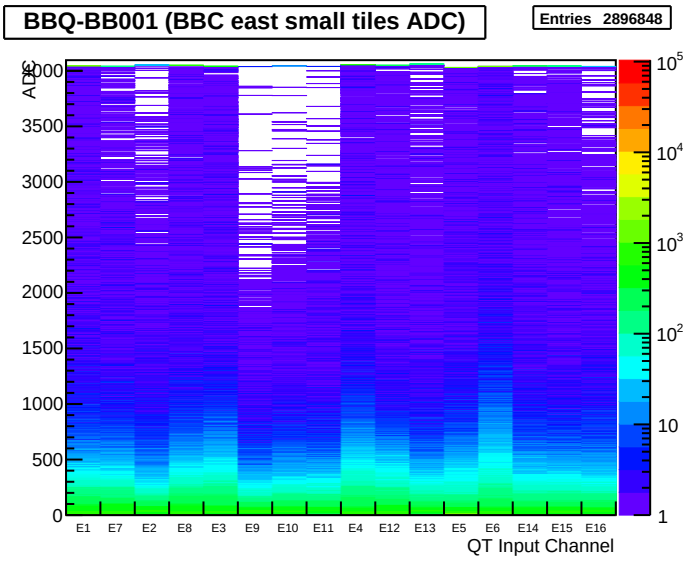

MIX-TF101
Entries 134758
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

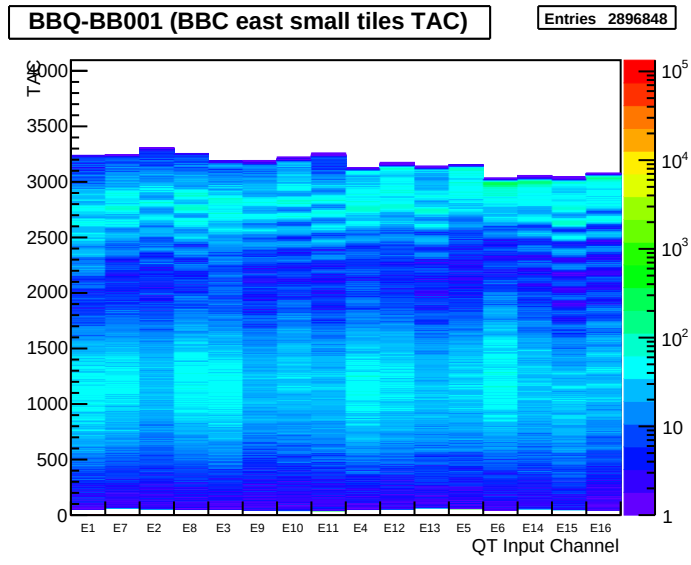

L2-TF201
Entries 181053
TOF total mult

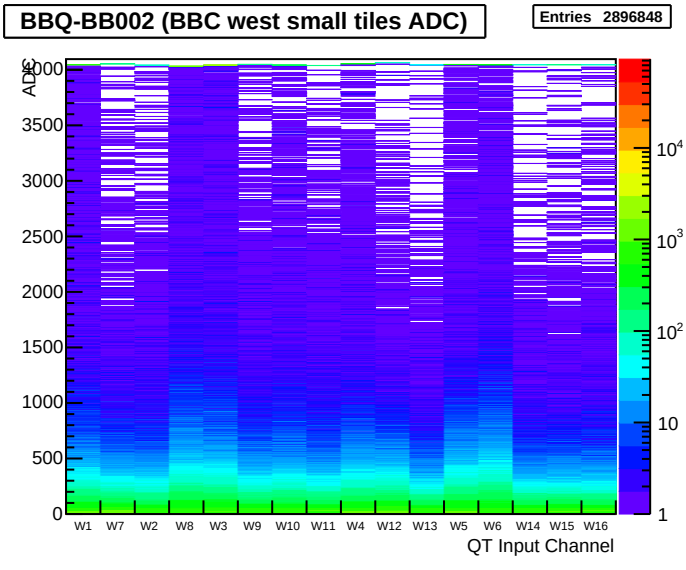

L2-TF201
Entries 0
TOF total mult(Real-Simu)

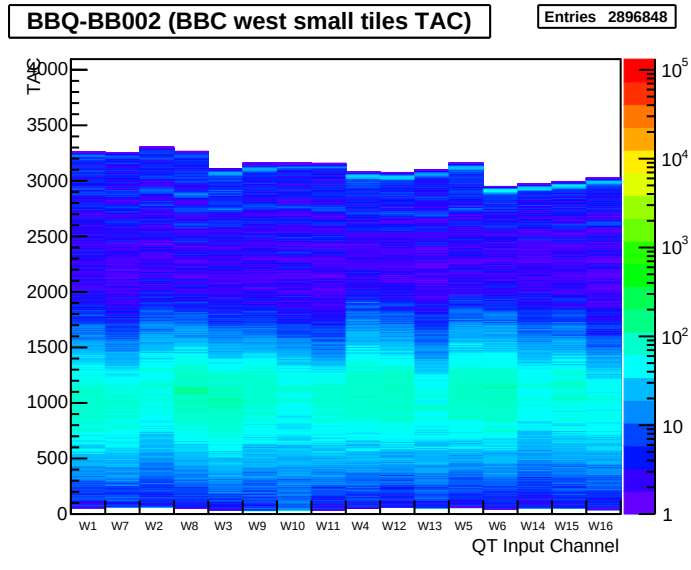

L2-TF201
Entries 1267371
Threshold/UPC bits
157815
159148
157615
159215
157991
157242
171774
23238
21905
23438
21838
23062
23811
9279
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

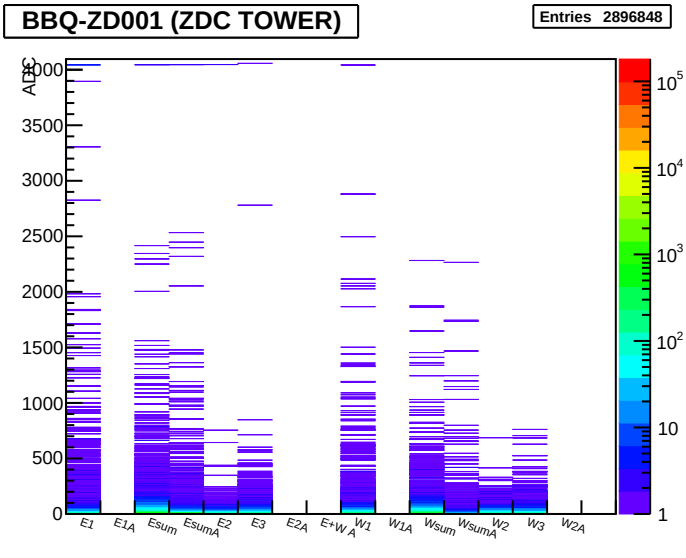

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

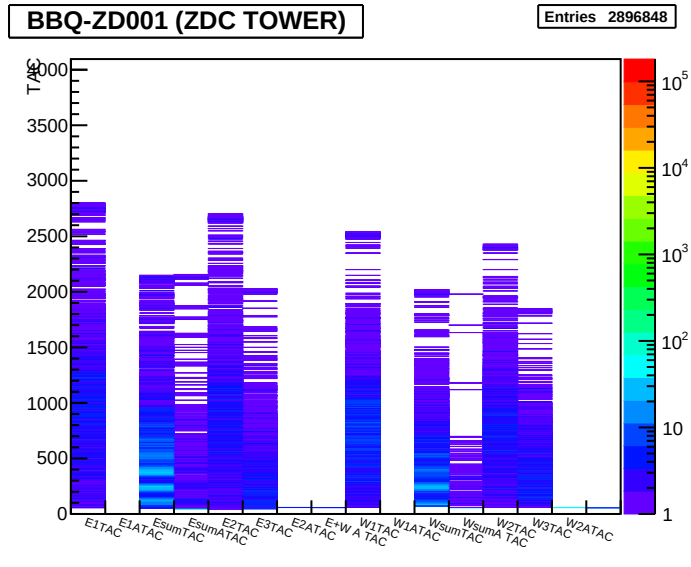

BBQ-BB001 (BBC east small tiles ADC)
Entries 2896848
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

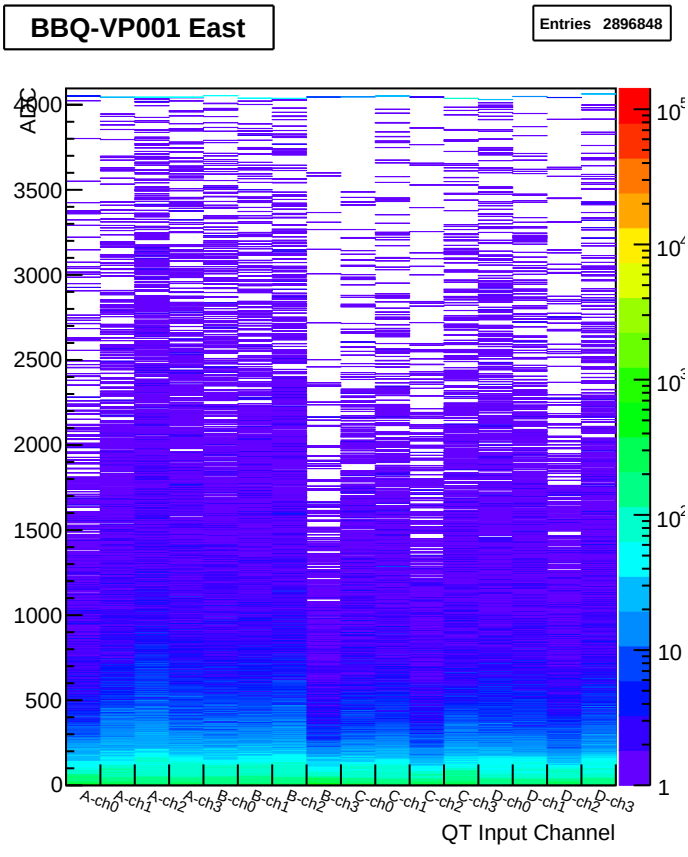

BBQ-BB001 (BBC east small tiles TAC)
Entries 2896848
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

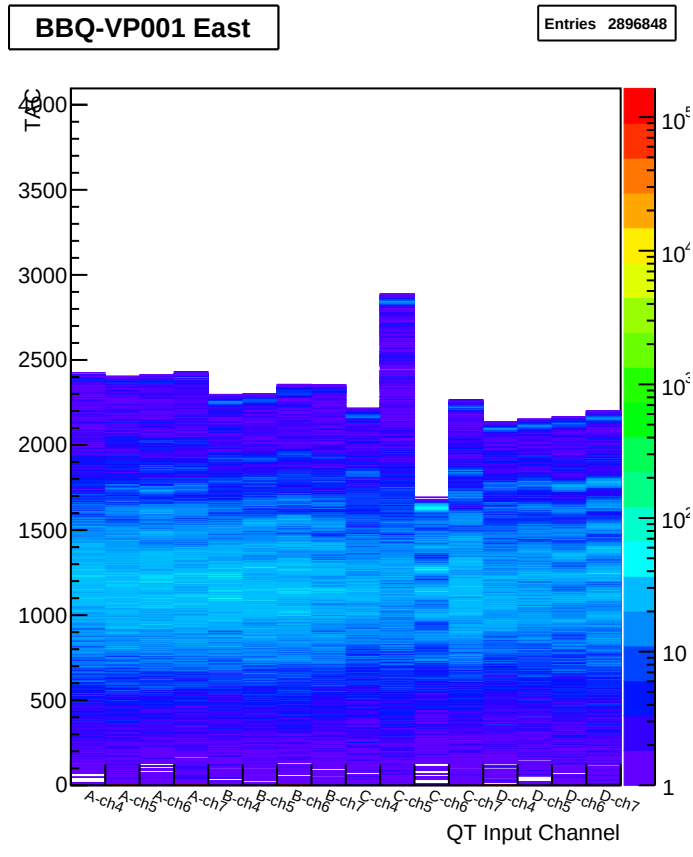

BBQ-BB002 (BBC west small tiles ADC)
Entries 2896848
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

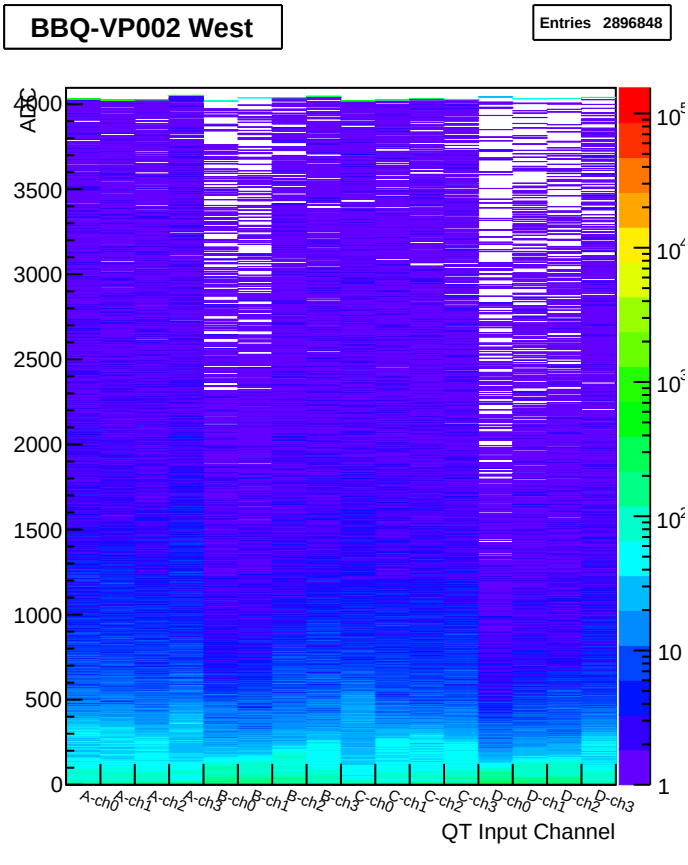

BBQ-BB002 (BBC west small tiles TAC)
Entries 2896848
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

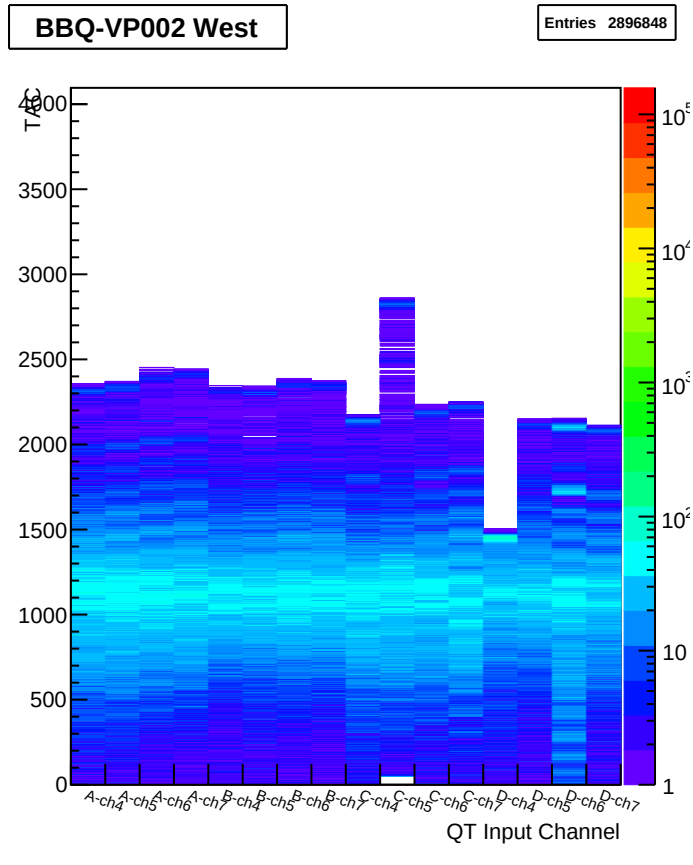

BBQ-ZD001 (ZDC TOWER)
Entries 2896848
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

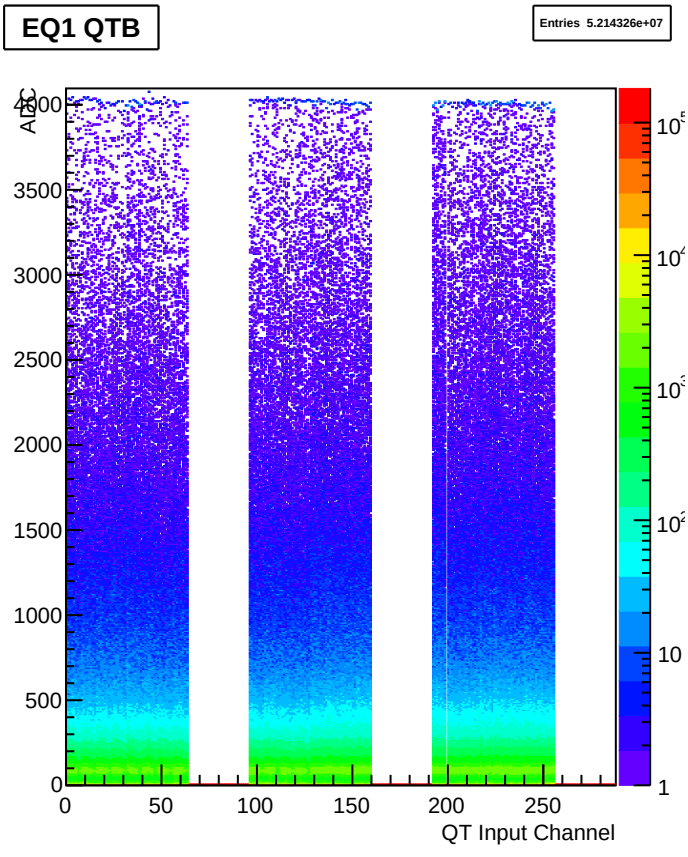

BBQ-ZD001 (ZDC TOWER)
Entries 2896848
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

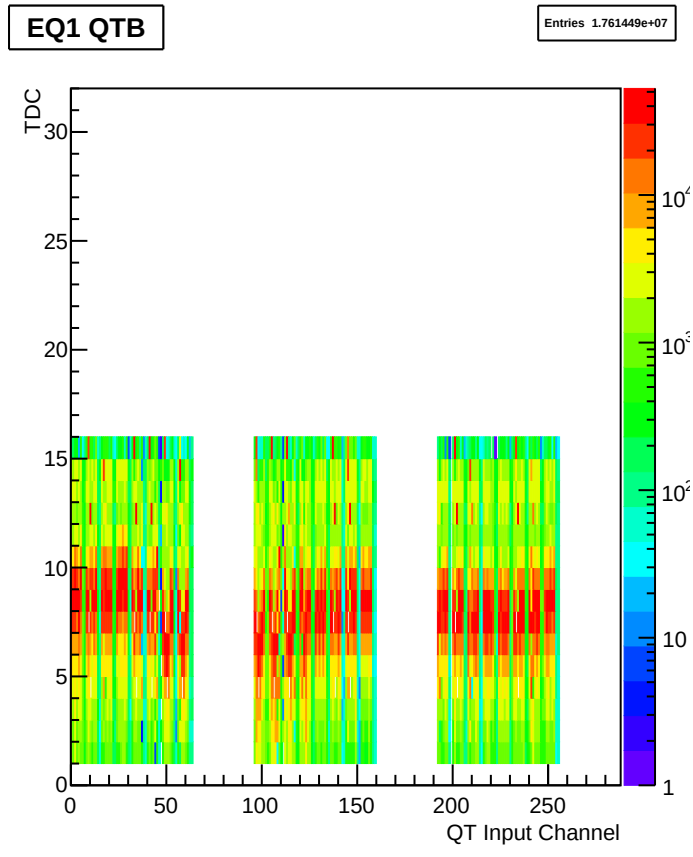

BBQ-VP001 East
Entries 2896848
ADC
QT Input Channel

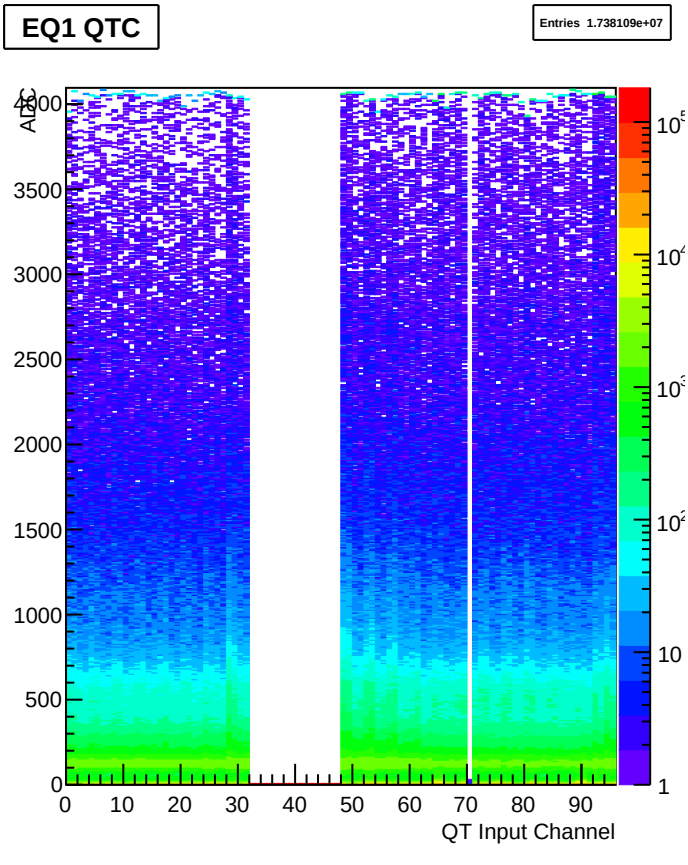

BBQ-VP001 East
Entries 2896848
ADC
QT Input Channel

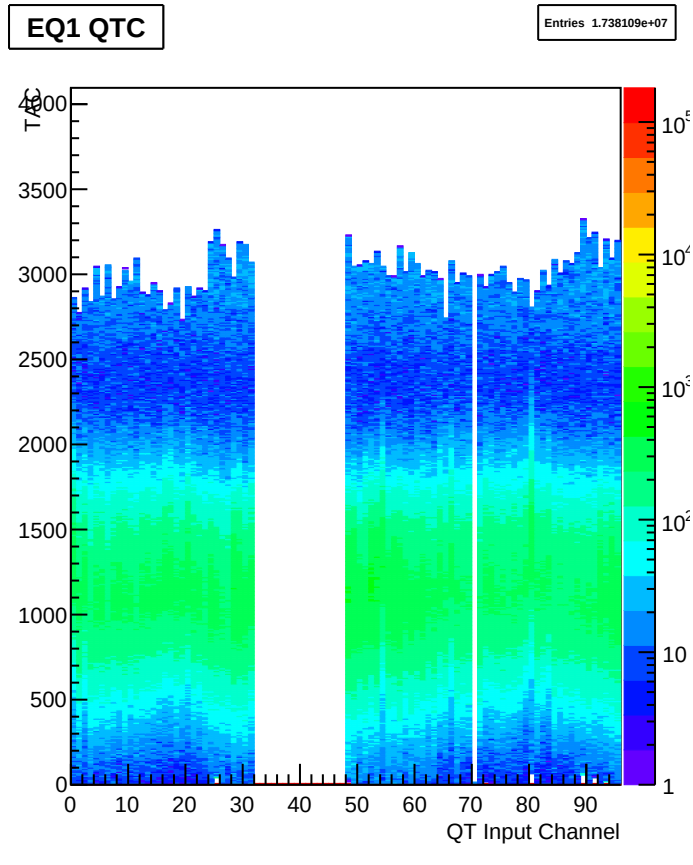

BBQ-VP002 West
Entries 2896848
ADC
QT Input Channel

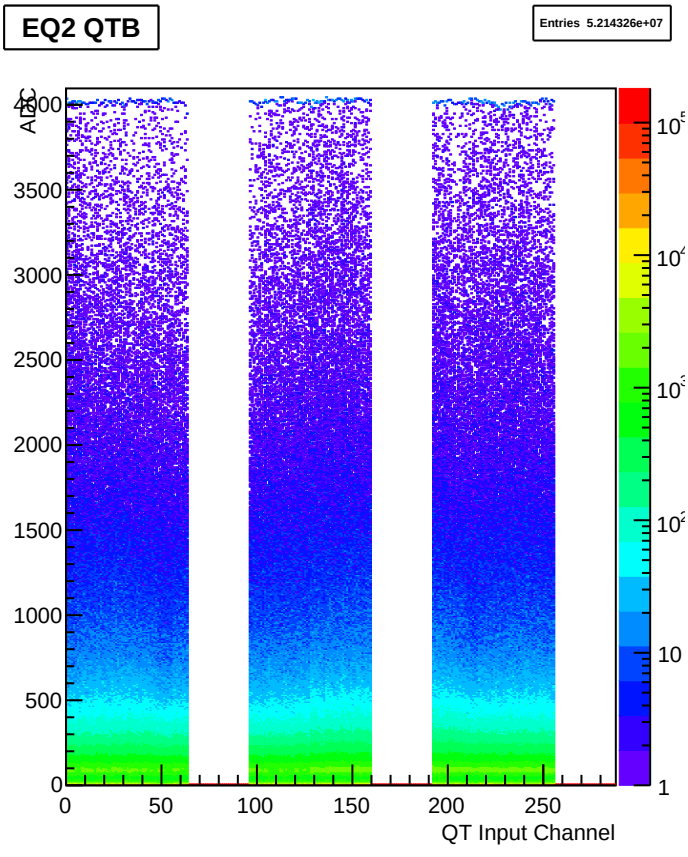

BBQ-VP002 West
Entries 2896848
ADC
QT Input Channel

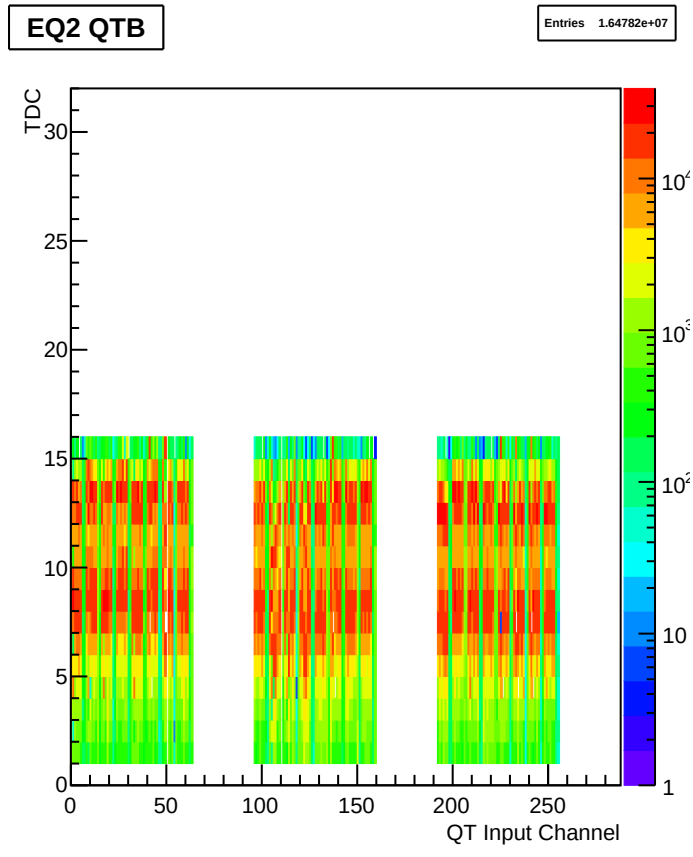

EQ1 QTB
Entries 5.214326e+07
ADC
QT Input Channel

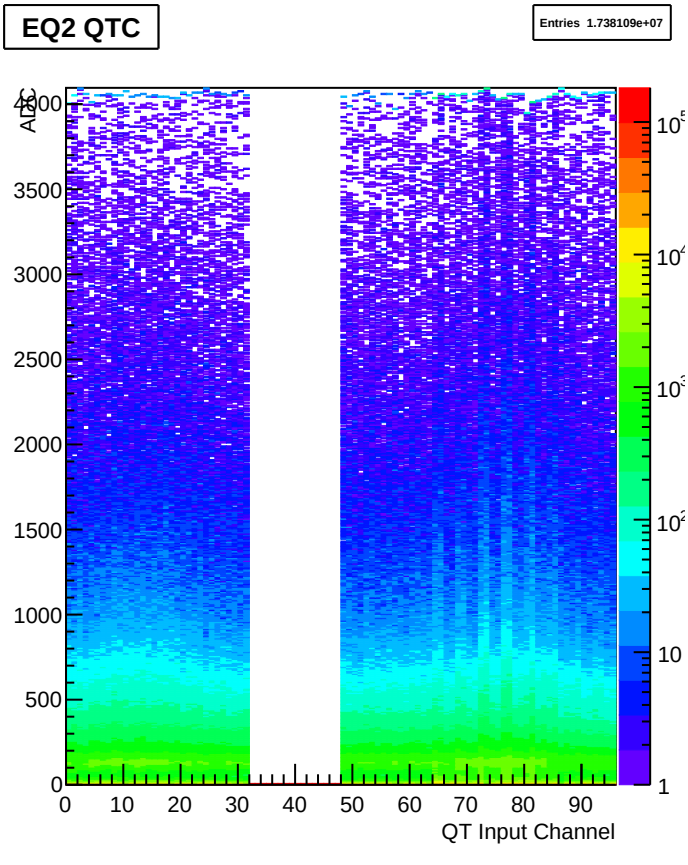

EQ1 QTB
Entries 1.761449e+07
TDC
QT Input Channel

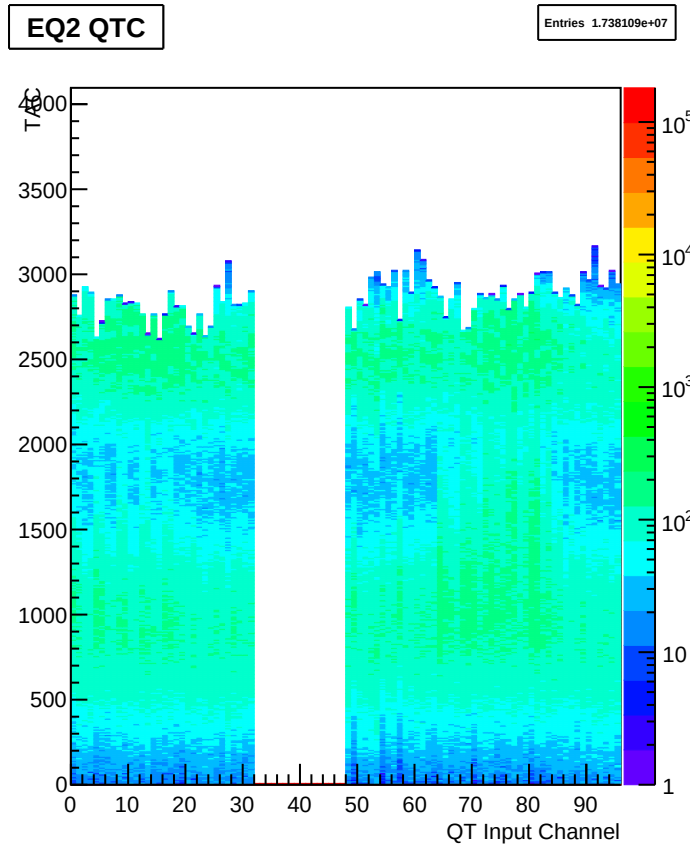

EQ1 QTC
Entries 1.738109e+07
ADC
QT Input Channel

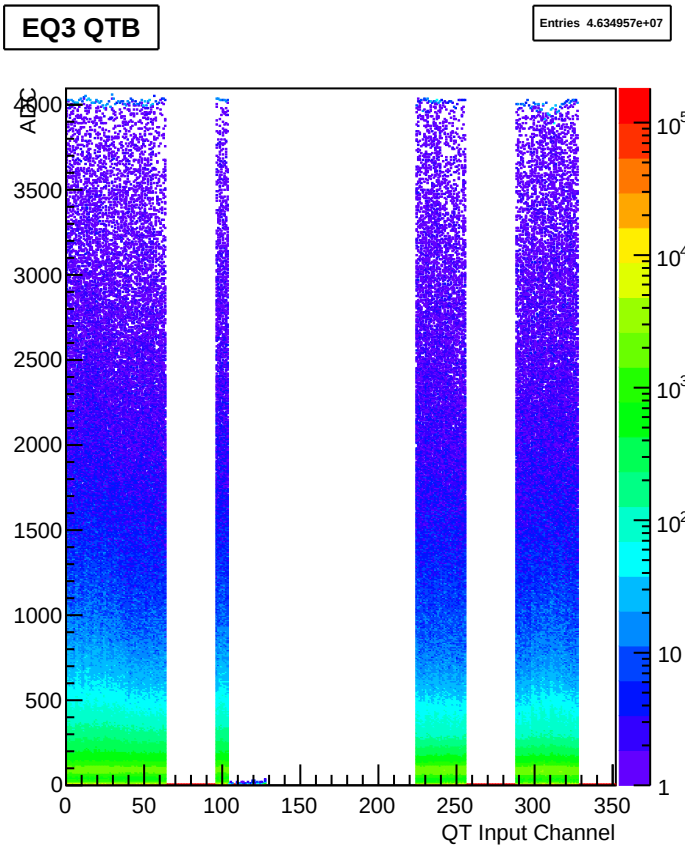

EQ1 QTC
Entries 1.738109e+07
TADC
QT Input Channel

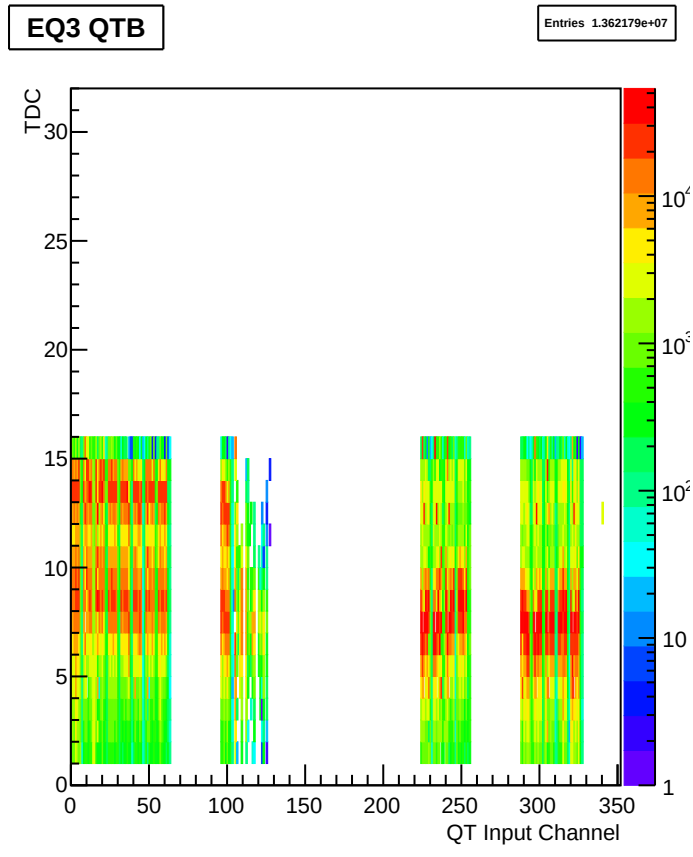

EQ2 QTB
Entries 5.214326e+07
ADC
QT Input Channel

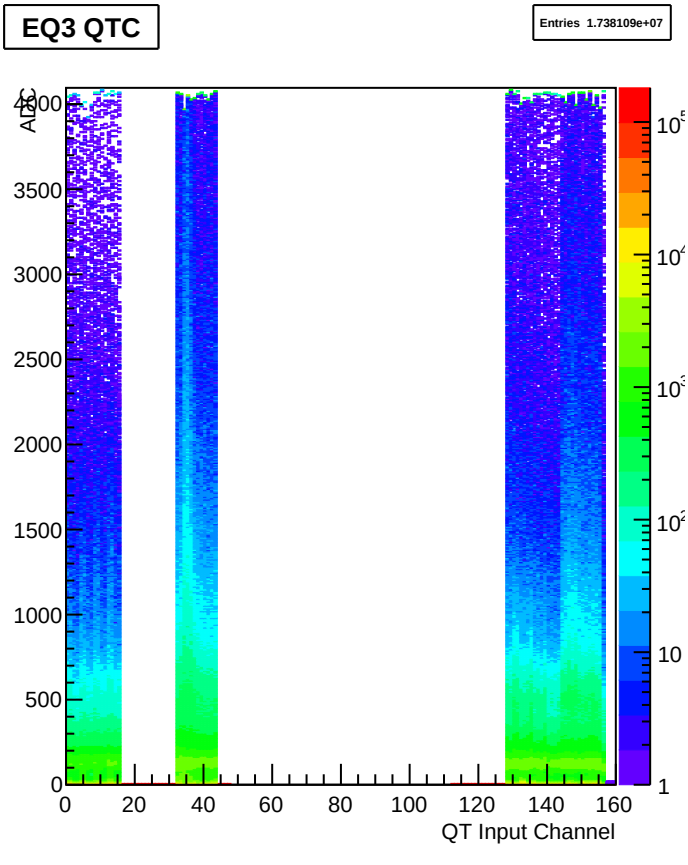

EQ2 QTB
Entries 1.64782e+07
TDC
QT Input Channel

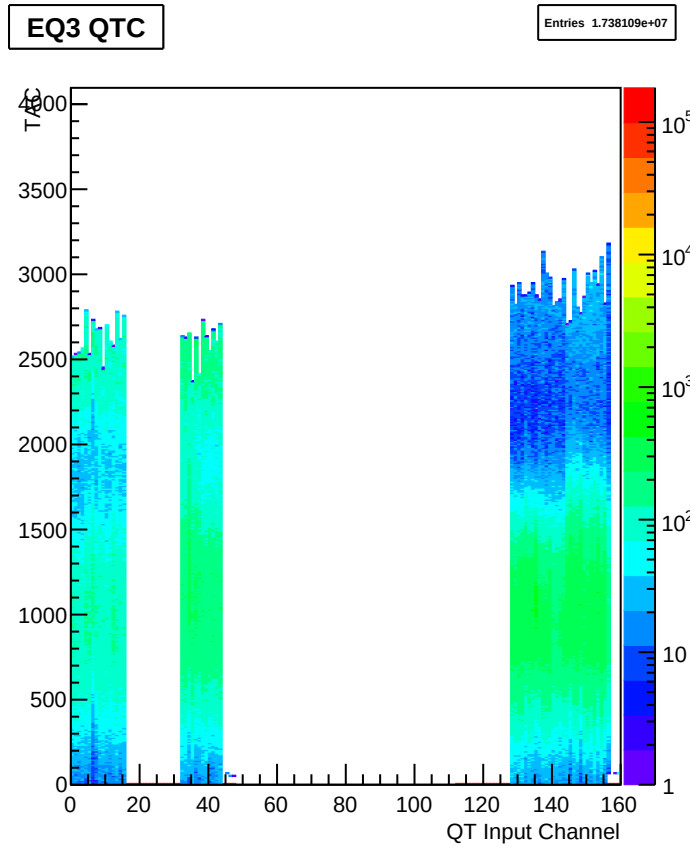

EQ2 QTC
Entries 1.738109e+07
ADC
QT Input Channel

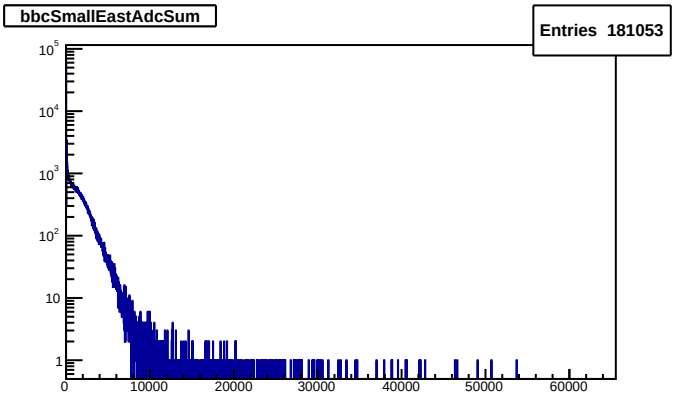

EQ2 QTC
Entries 1.738109e+07
TADC
QT Input Channel

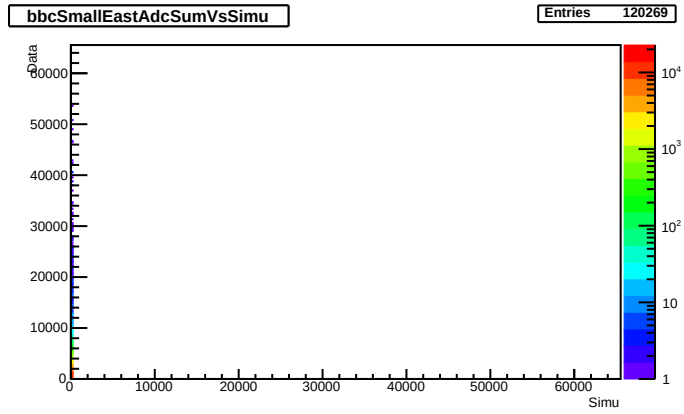

EQ3 QTB
Entries 4.634957e+07
ADC
QT Input Channel

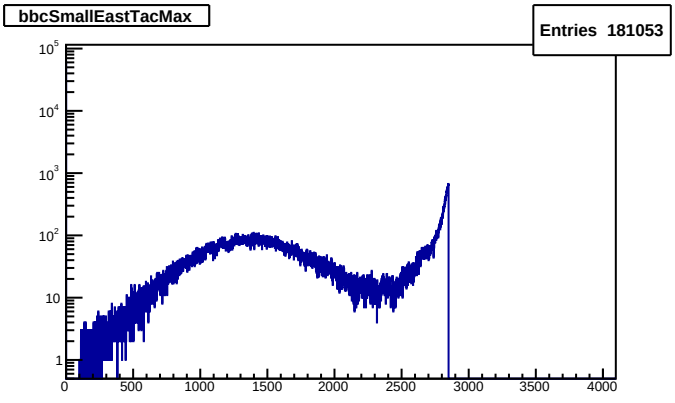

EQ3 QTB
Entries 1.362179e+07
TDC
QT Input Channel

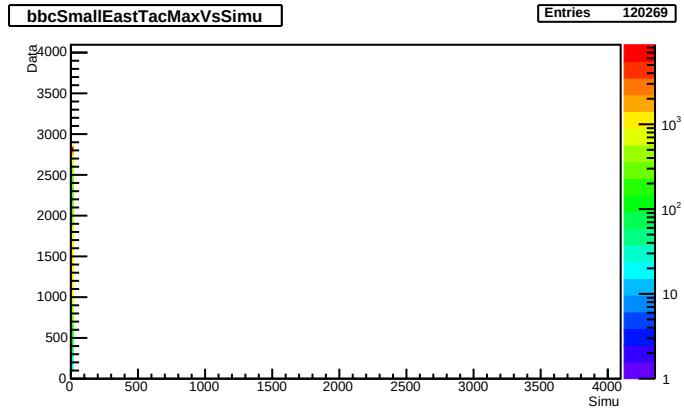

EQ3 QTC
Entries 1.738109e+07
ADC
QT Input Channel

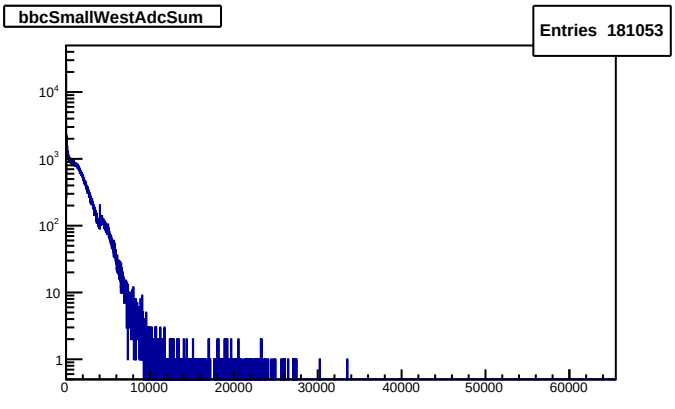

EQ3 QTC
Entries 1.738109e+07
TADC
QT Input Channel

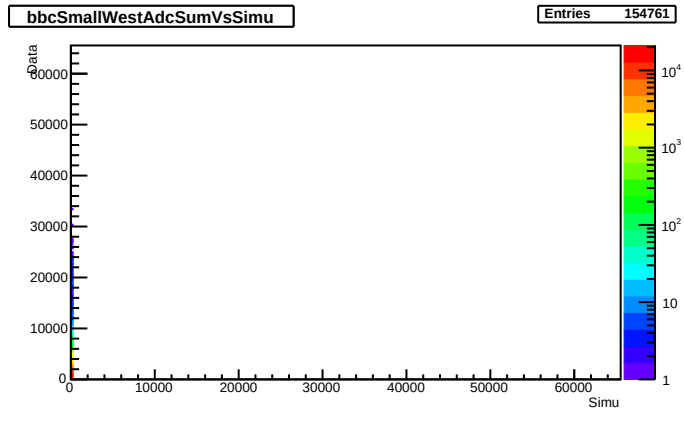

bbcSmallEastAdcSum
Entries 181053

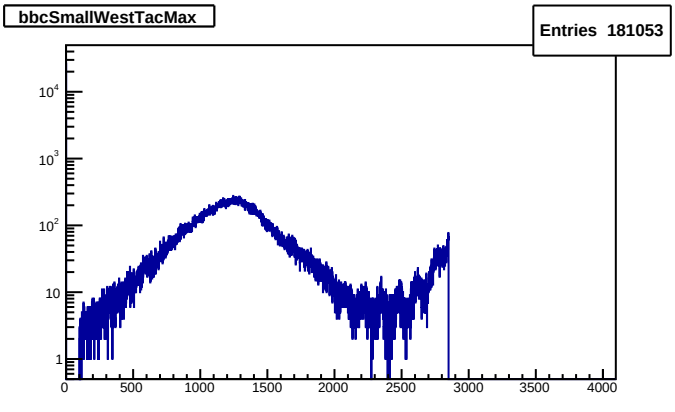

bbcSmallEastAdcSumVsSimu
Entries 120269
Data
Simu

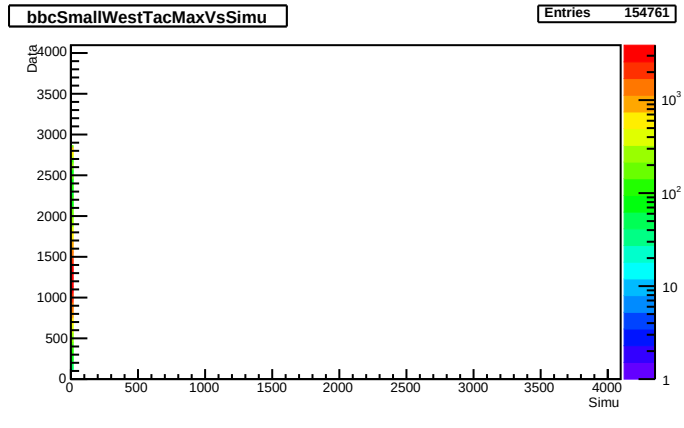

bbcSmallEastTacMax
Entries 181053

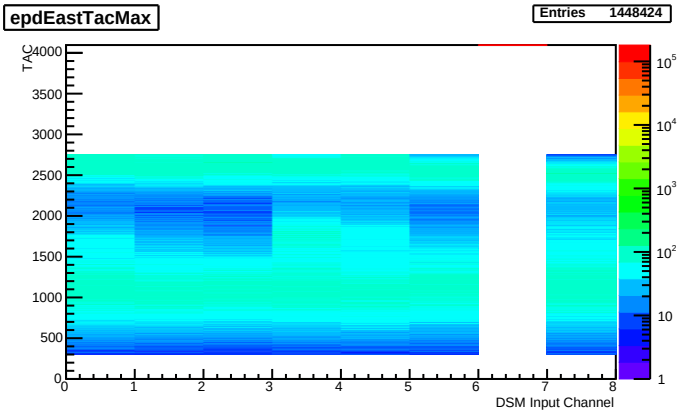

bbcSmallEastTacMaxVsSimu
Entries 120269
Data
Simu

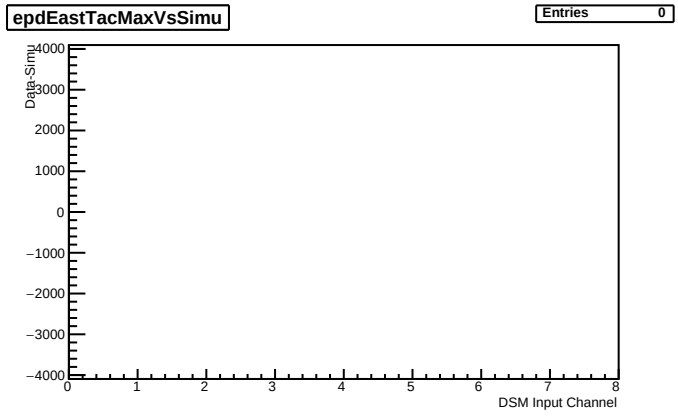

bbcSmallWestAdcSum
Entries 181053

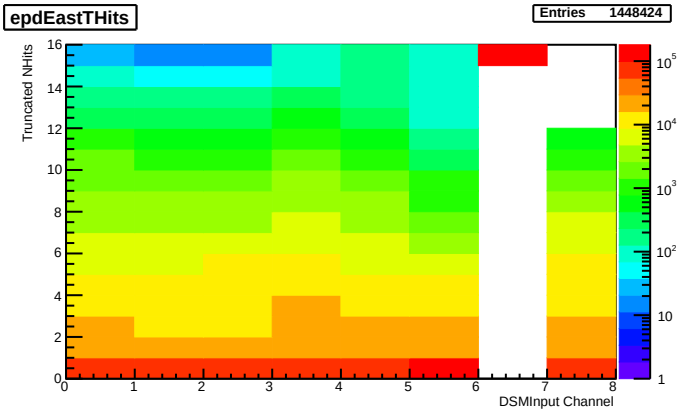

bbcSmallWestAdcSumVsSimu
Entries 154761
Data
Simu

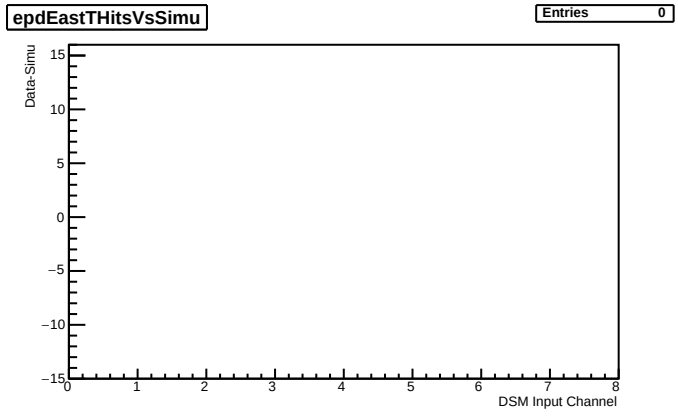

bbcSmallWestTacMax
Entries 181053


bbcSmallWestTacMaxVsSimu
Entries 154761
Data
Simu


epdEastTacMax
Entries 1448424
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1448424
Truncated NHits
DSMInput Channel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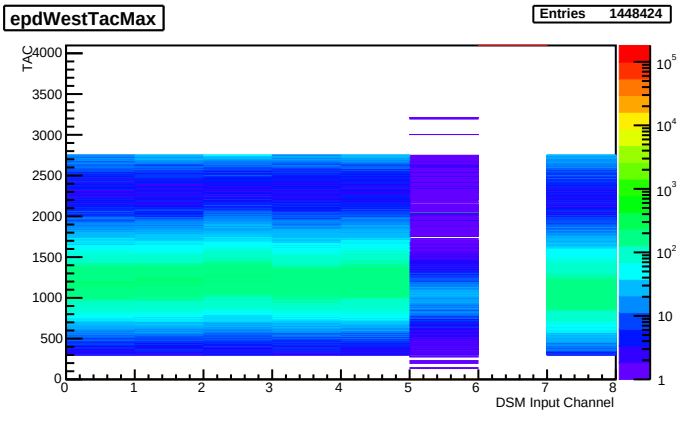
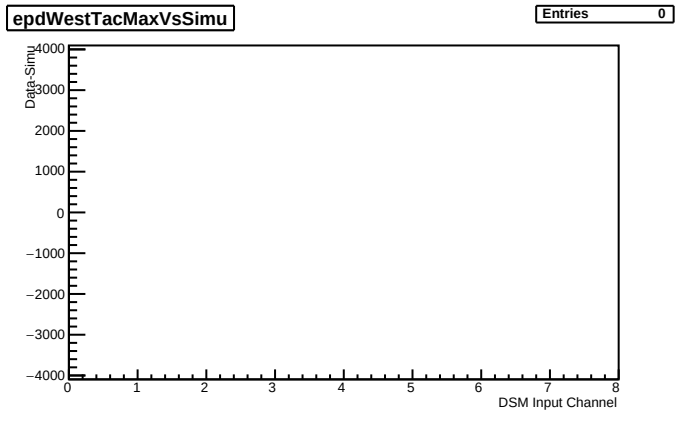
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1448424
TAC
DSM Input Channel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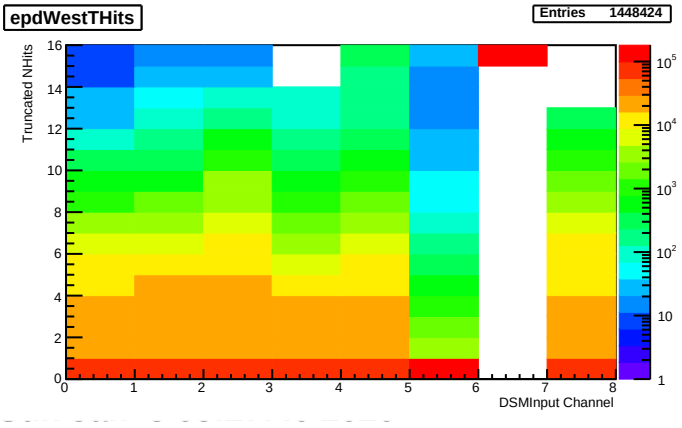
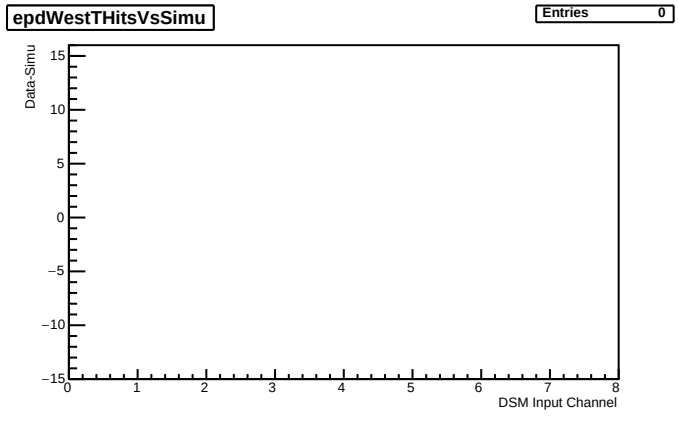
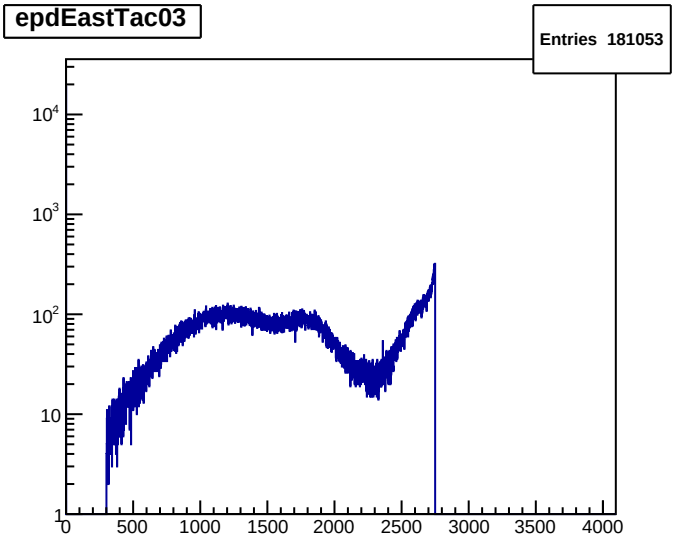
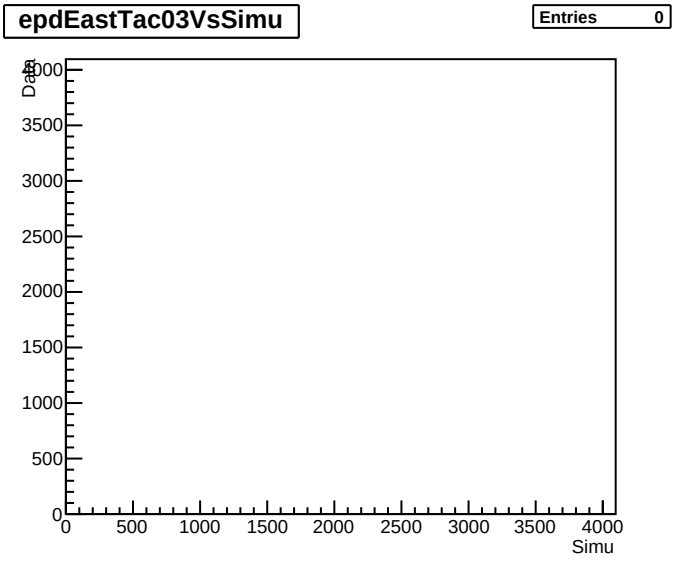
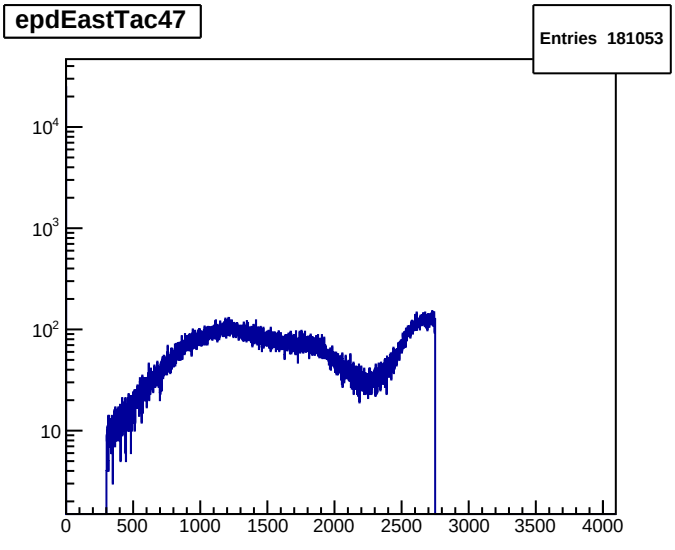
Entries 0
Data-Simu
DSM Input Channel

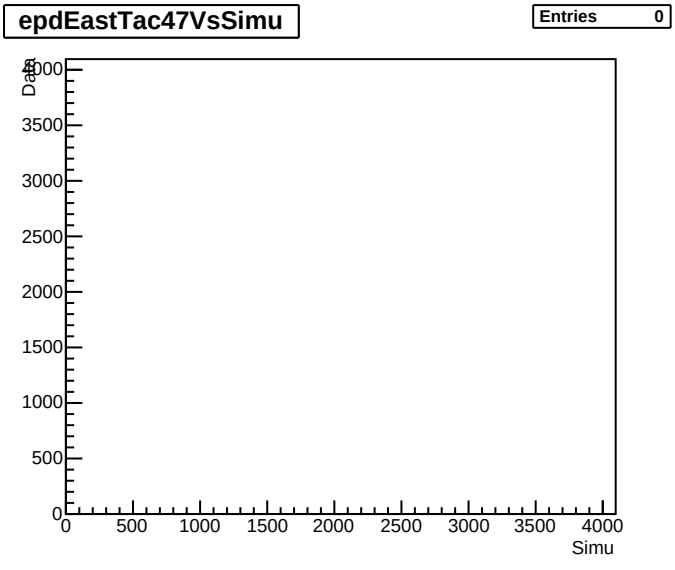

epdWestTHits
Entries 1448424
Truncated NHits
DSMInput Channel

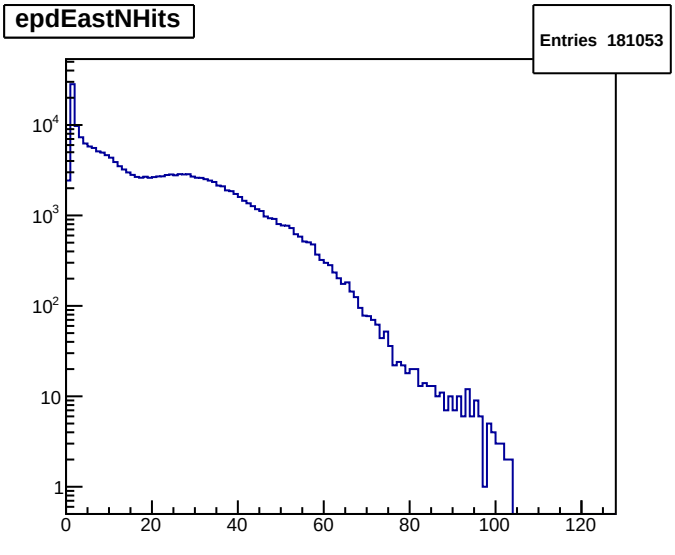

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

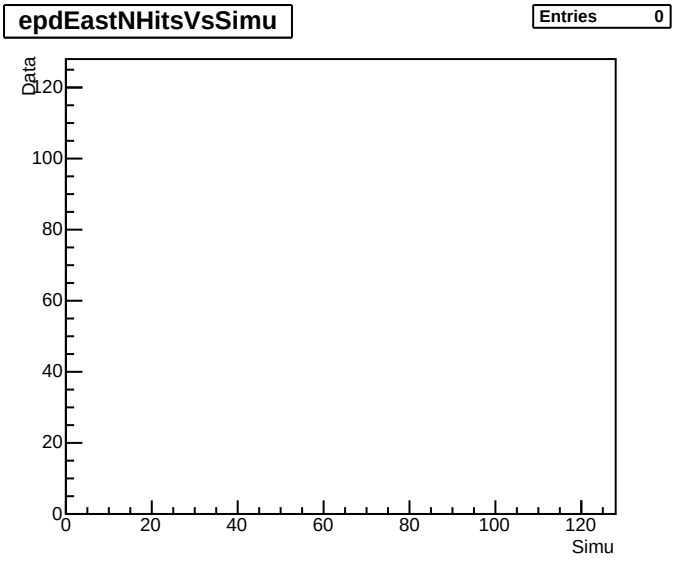

epdEastTac03
Entries 181053

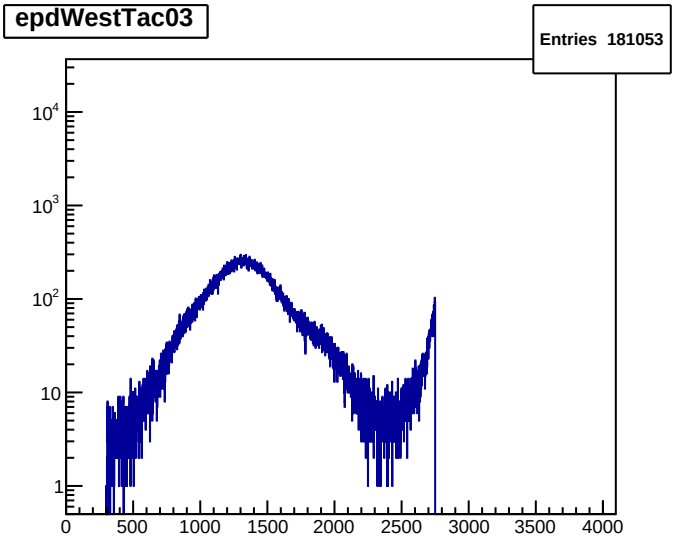

epdEastTac03VsSimu
Entries 0
Data
Simu

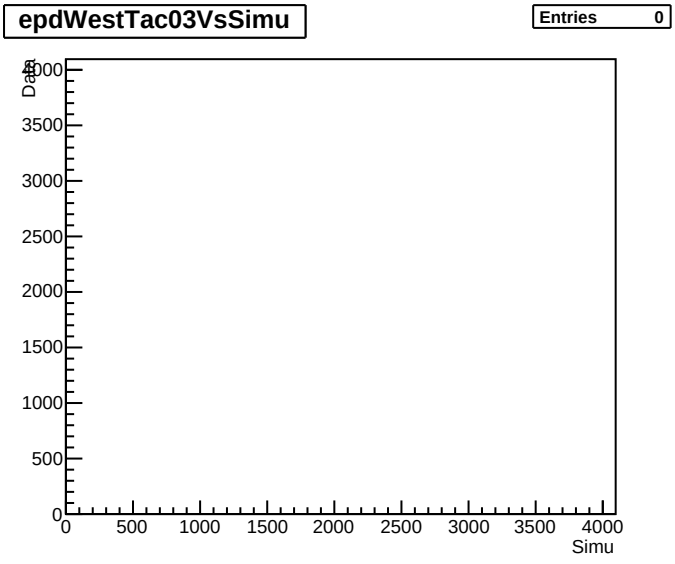

epdEastTac47
Entries 181053

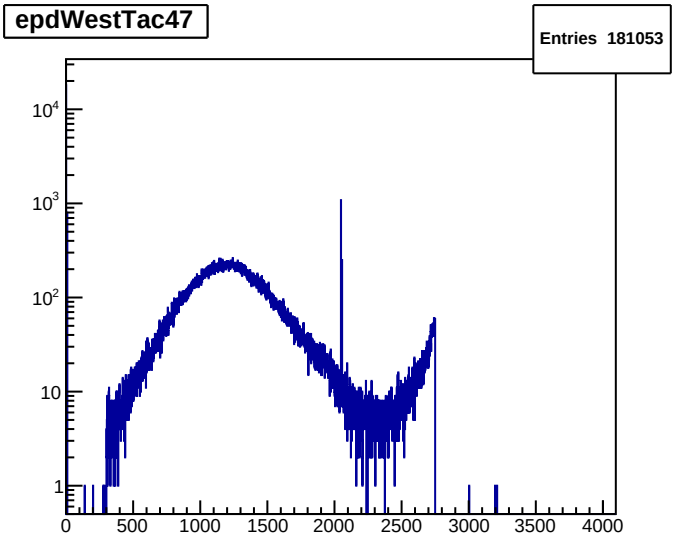

epdEastTac47VsSimu
Entries 0
Data
Simu

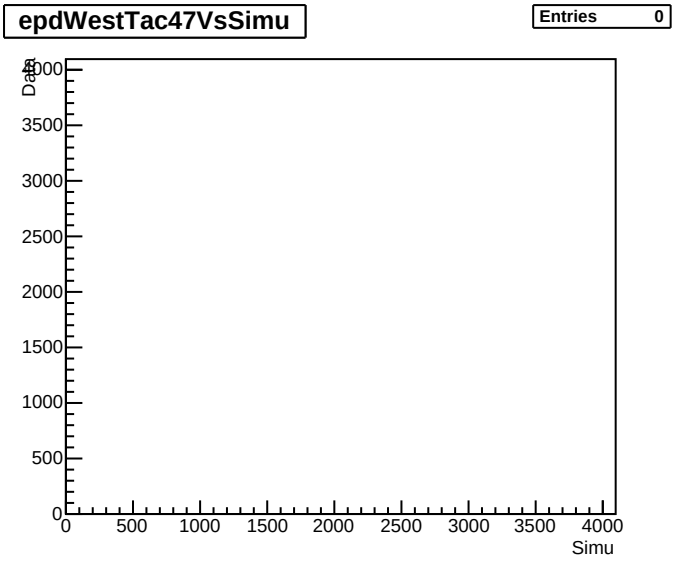

epdEastNHits
Entries 181053

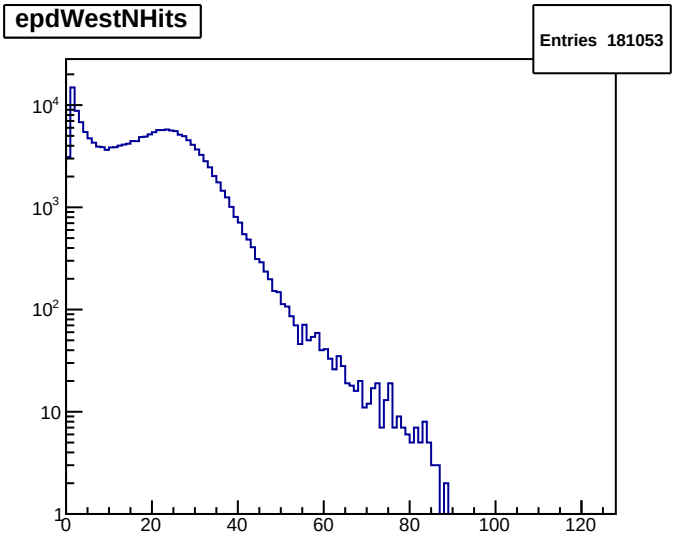

epdEastNHitsVsSimu
Entries 0
Data
Simu

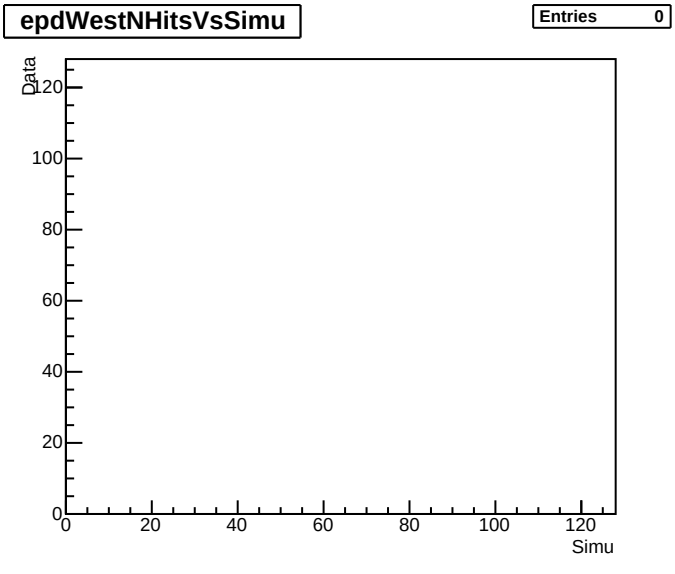

epdWestTac03
Entries 181053

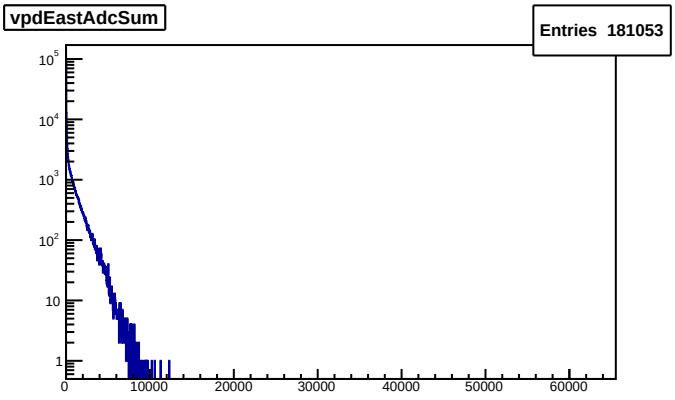

epdWestTac03VsSimu
Entries 0
Data
Simu

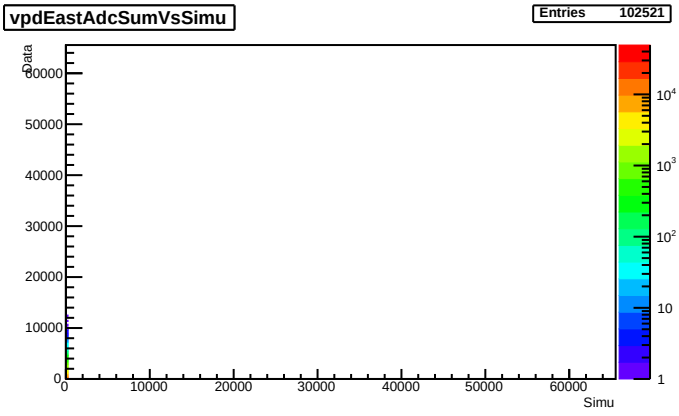

epdWestTac47
Entries 181053

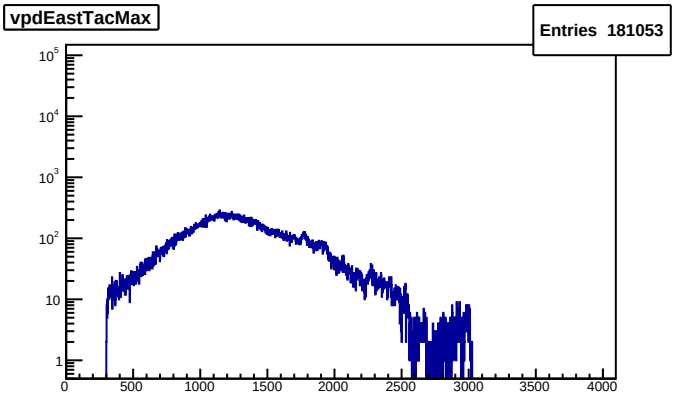

epdWestTac47VsSimu
Entries 0
Data
Simu

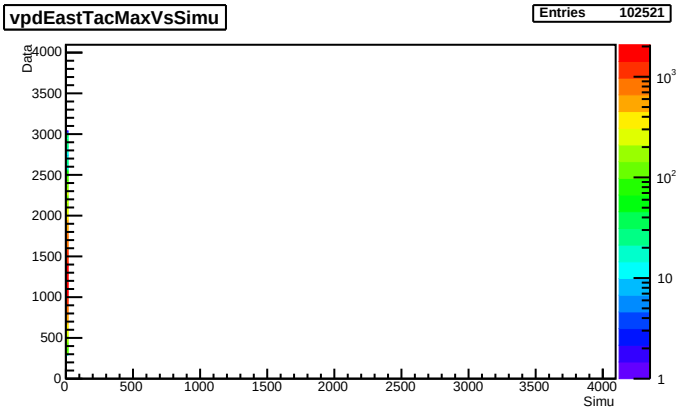

epdWestNHits
Entries 181053

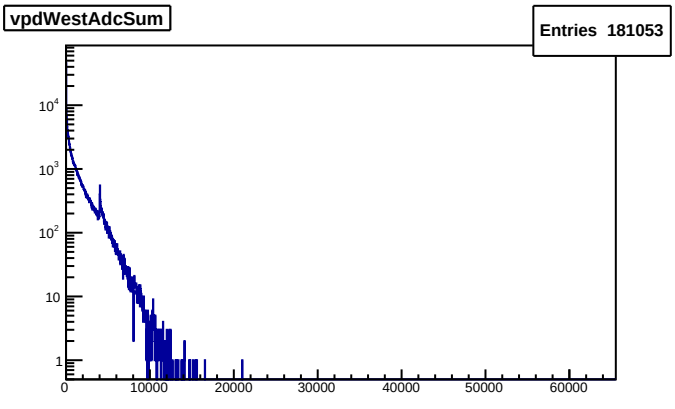

epdWestNHitsVsSimu
Entries 0
Data
Simu

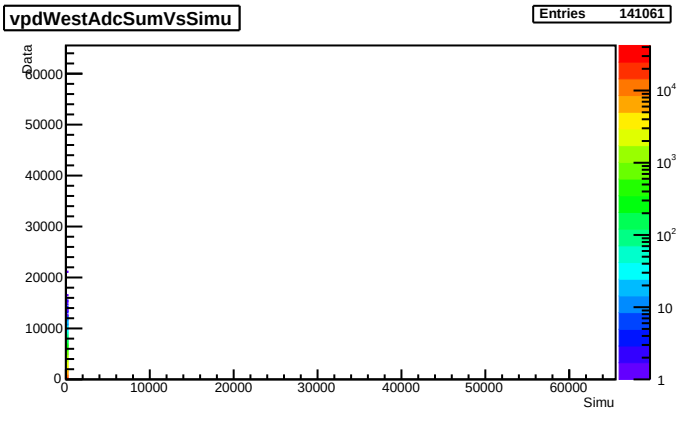

vpdEastAdcSum
Entries 181053

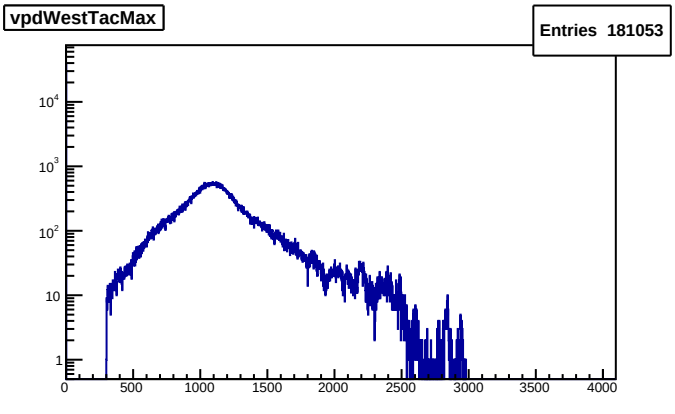

vpdEastAdcSumVsSimu
Entries 102521
Data
Simu

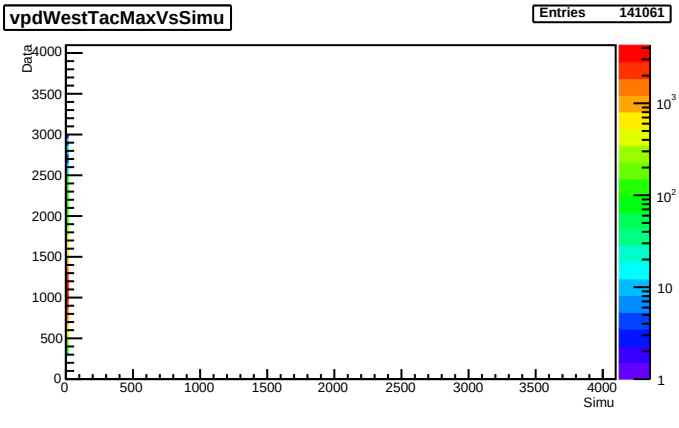

vpdEastTacMax
Entries 181053

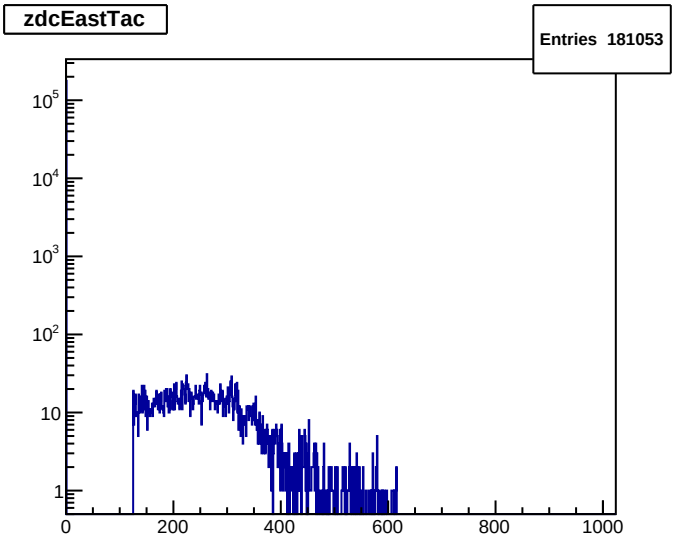

vpdEastTacMaxVsSimu
Entries 102521
Data
Simu

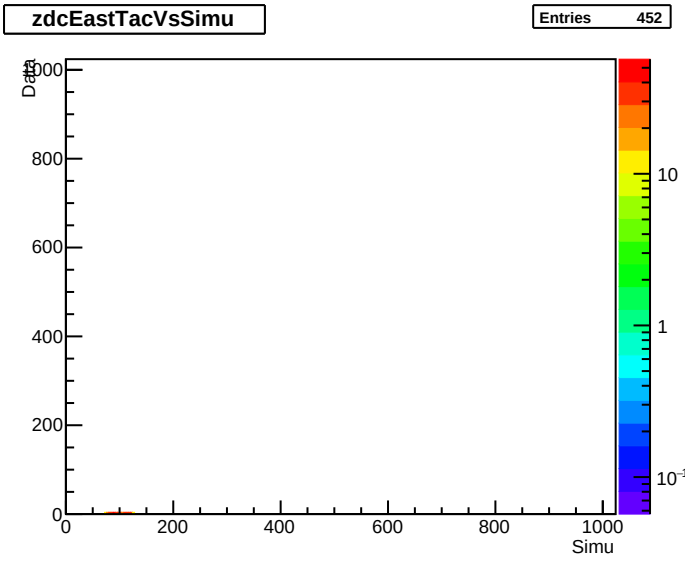

vpdWestAdcSum
Entries 181053

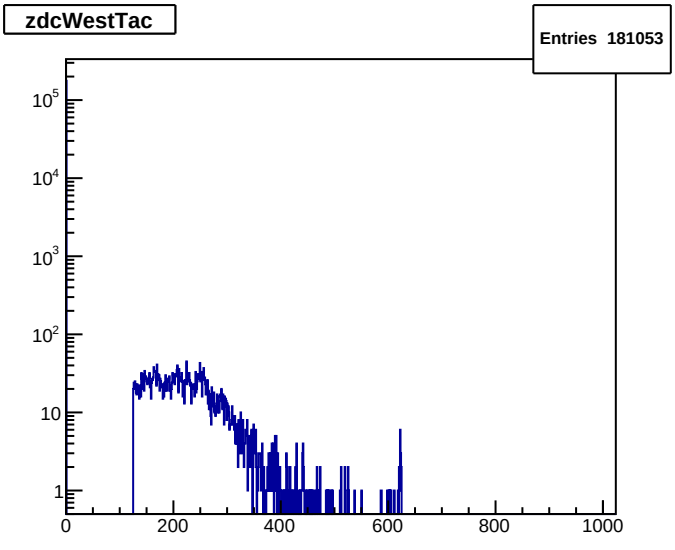

vpdWestAdcSumVsSimu
Entries 141061
Data
Simu

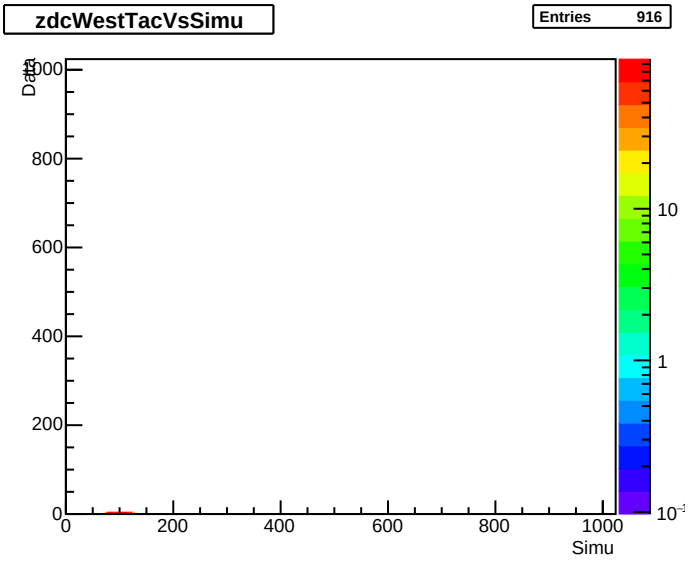

vpdWestTacMax
Entries 181053

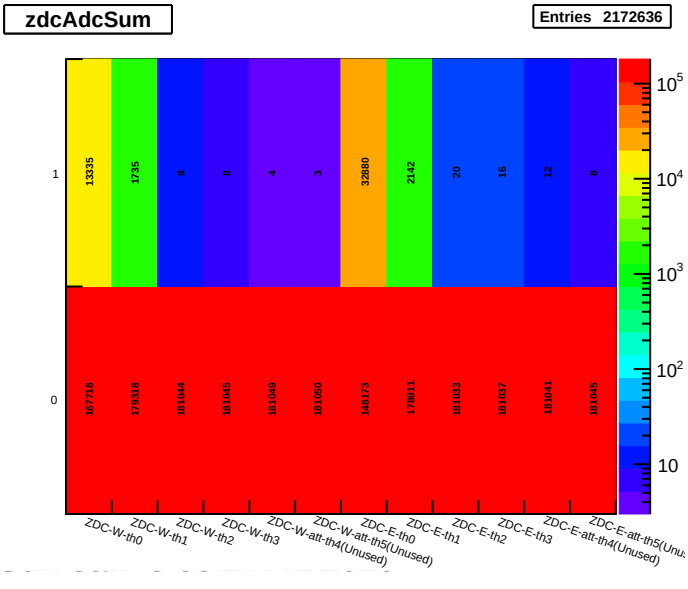

vpdWestTacMaxVsSimu
Entries 141061
Data
Simu

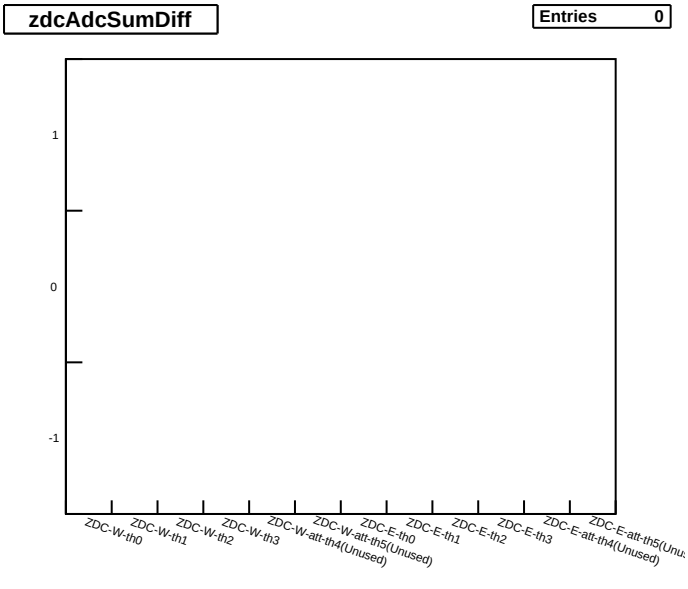

zdcEastTac
Entries 181053

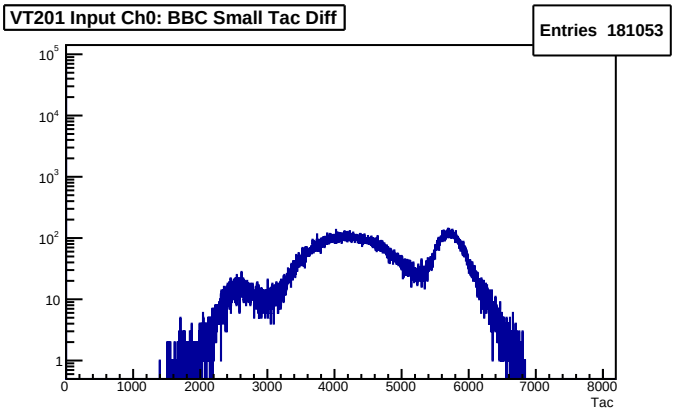

zdcEastTacVsSimu
Entries 452
Data
Simu

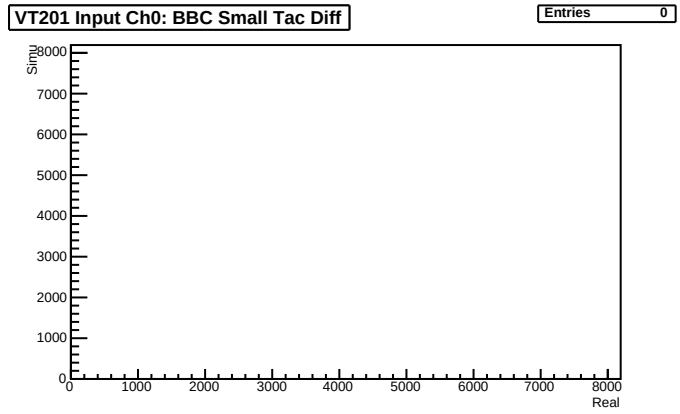

zdcWestTac
Entries 181053

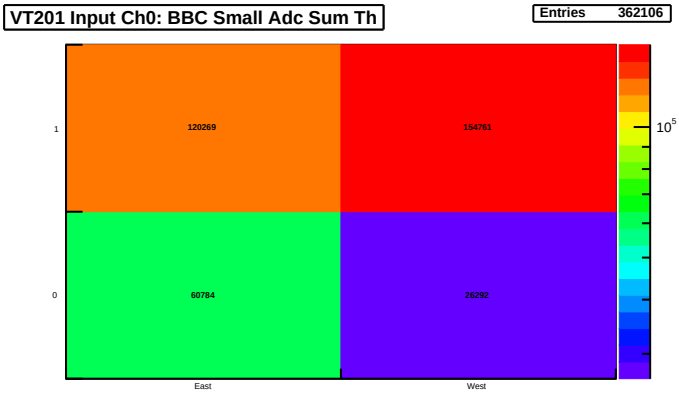

zdcWestTacVsSimu
Entries 916
Data
Simu

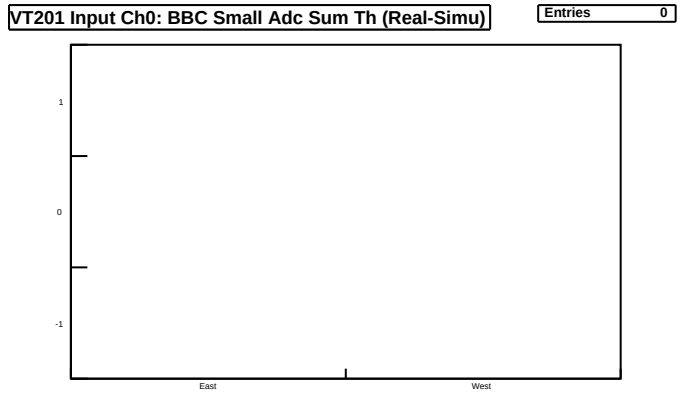

zdcAdcSum
Entries 2172636
13335
1735
9
8
4
3
32880
2142
20
16
12
8
167718
179318
181044
181045
181049
181050
148173
178911
181033
181037
181041
181045
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

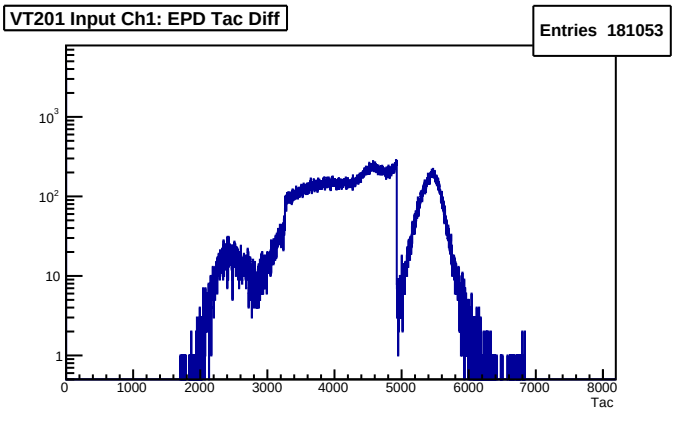

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

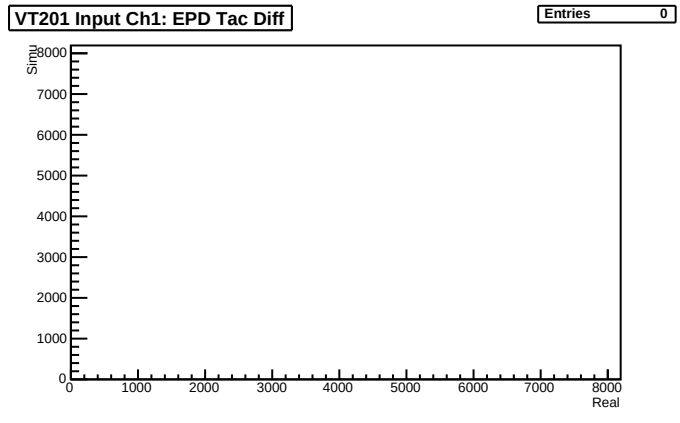

VT201 Input Ch0: BBC Small Tac Diff
Entries 181053
Tac

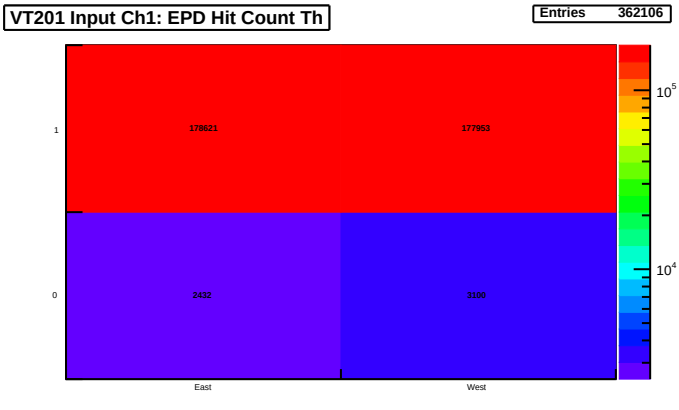

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

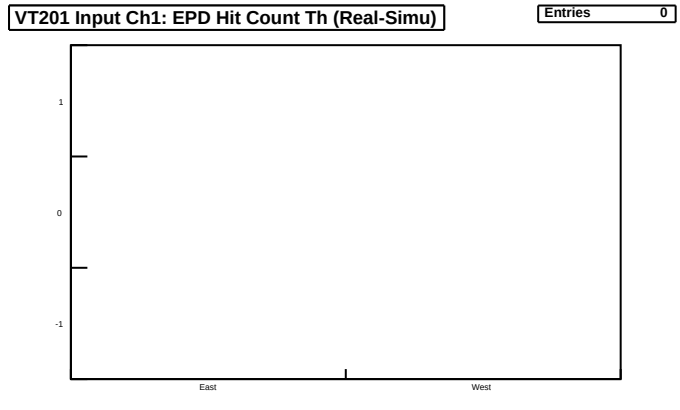

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 362106
120269
154761
60784
26292
East
West

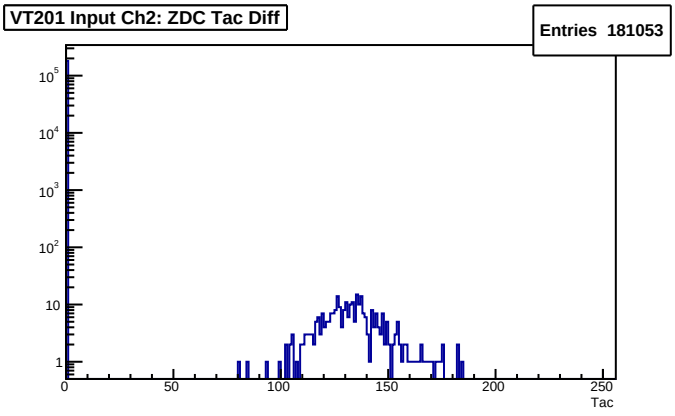

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

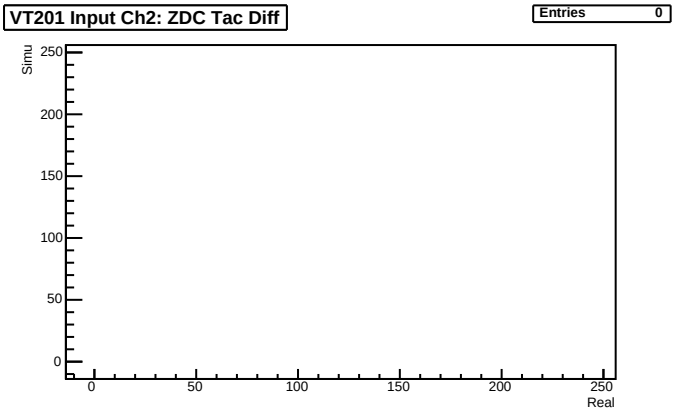

VT201 Input Ch1: EPD Tac Diff
Entries 181053
Tac

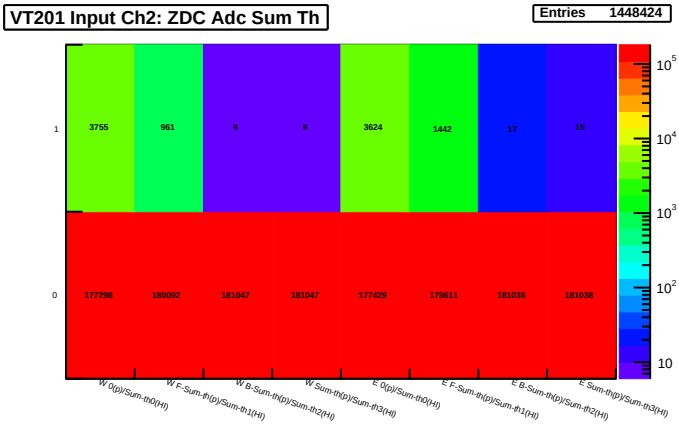

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

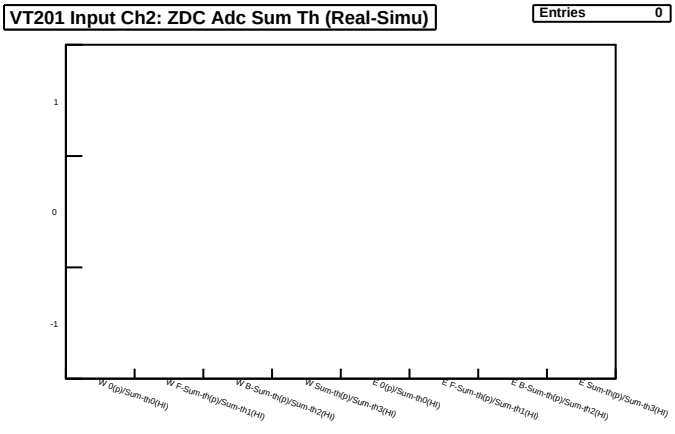

VT201 Input Ch1: EPD Hit Count Th
Entries 362106
178621
177953
2432
3100
East
West

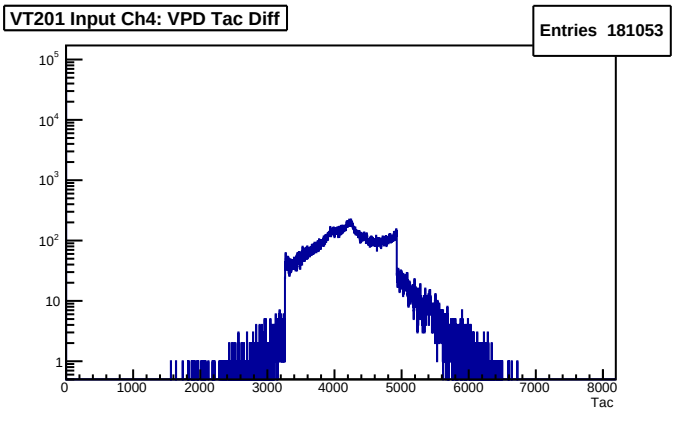

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

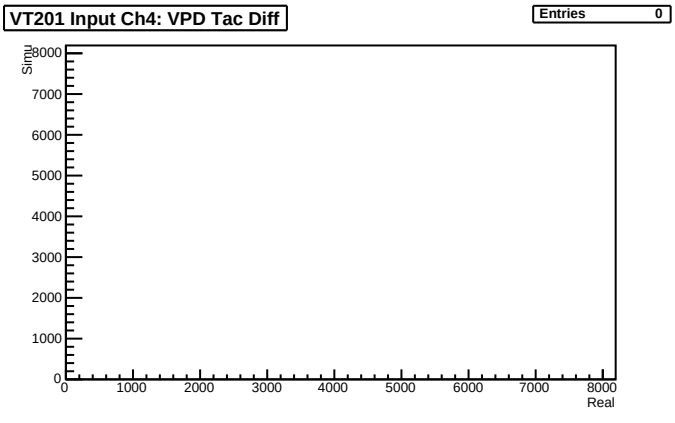

VT201 Input Ch2: ZDC Tac Diff
Entries 181053
Tac

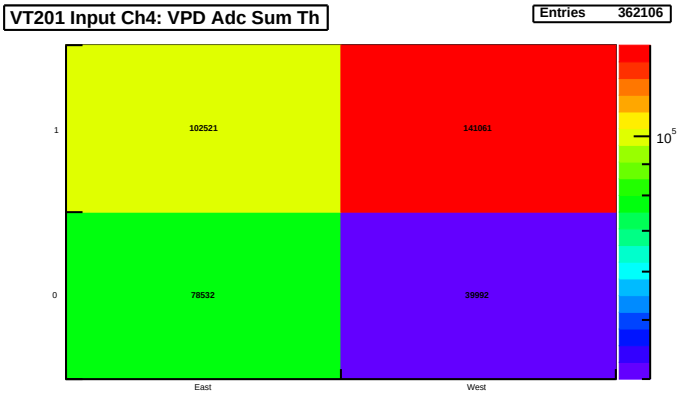

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

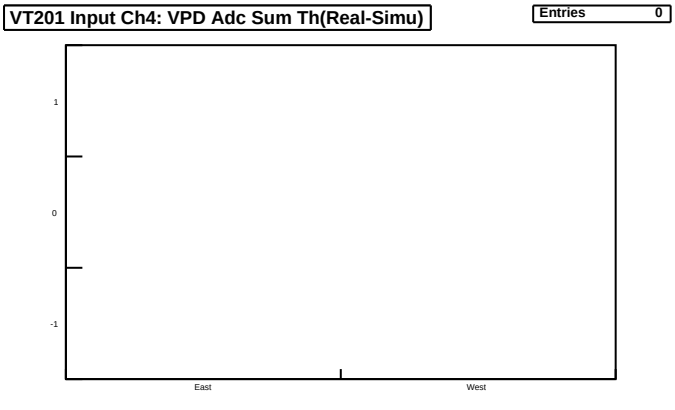

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1448424
3755
961
6
6
3624
1442
17
15
177298
180092
181047
181047
177429
179611
181036
181038
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

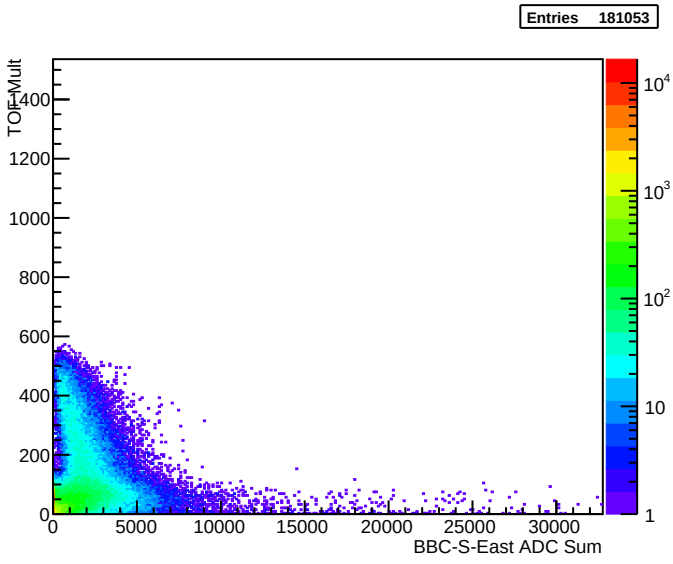

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

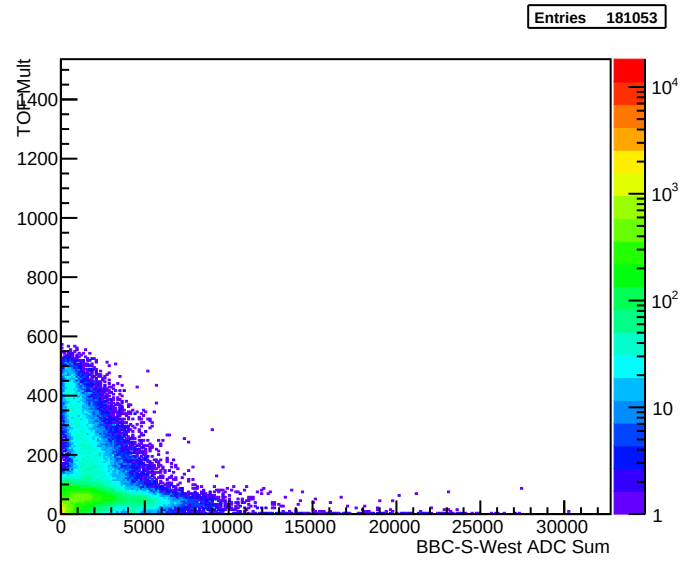

VT201 Input Ch4: VPD Tac Diff
Entries 181053
Tac

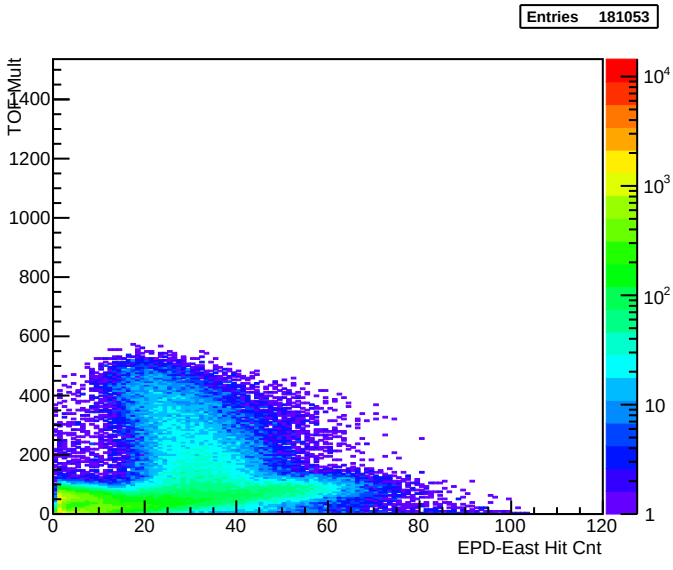

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

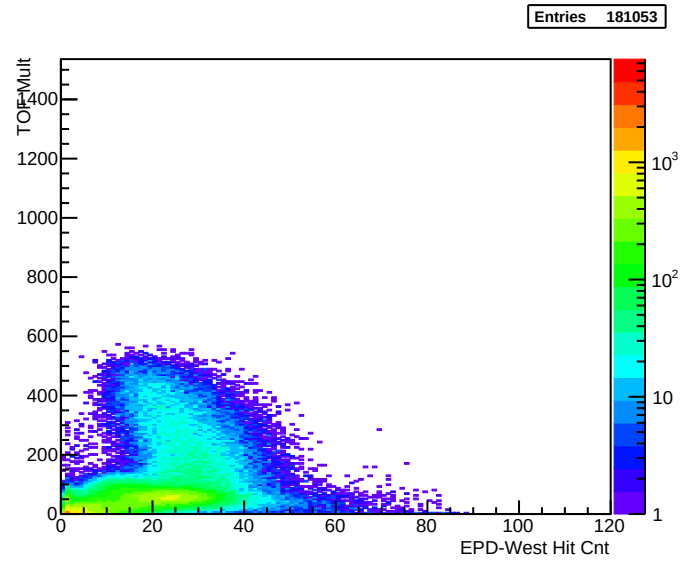

VT201 Input Ch4: VPD Adc Sum Th
Entries 362106
102521
141061
78532
39992
East
West

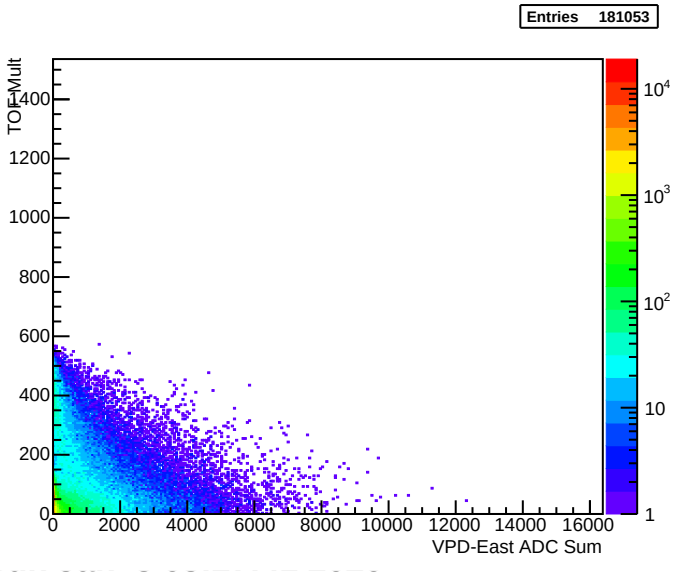

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

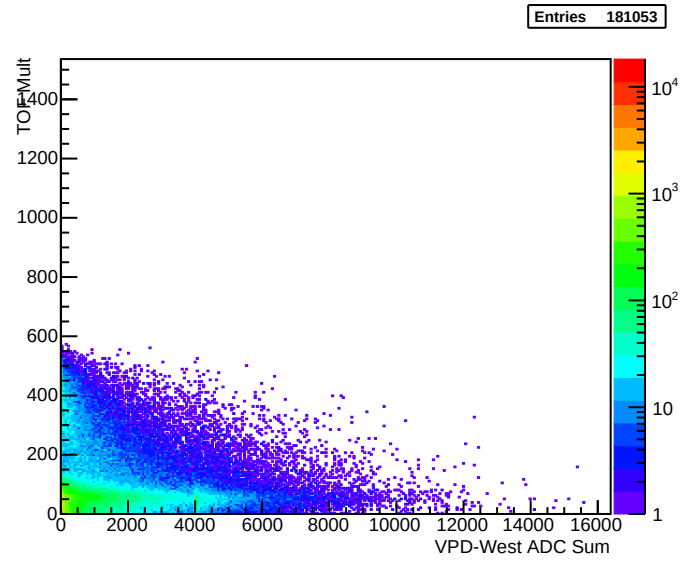

Entries 181053
TOF-Mult
BBC-S-East ADC Sum

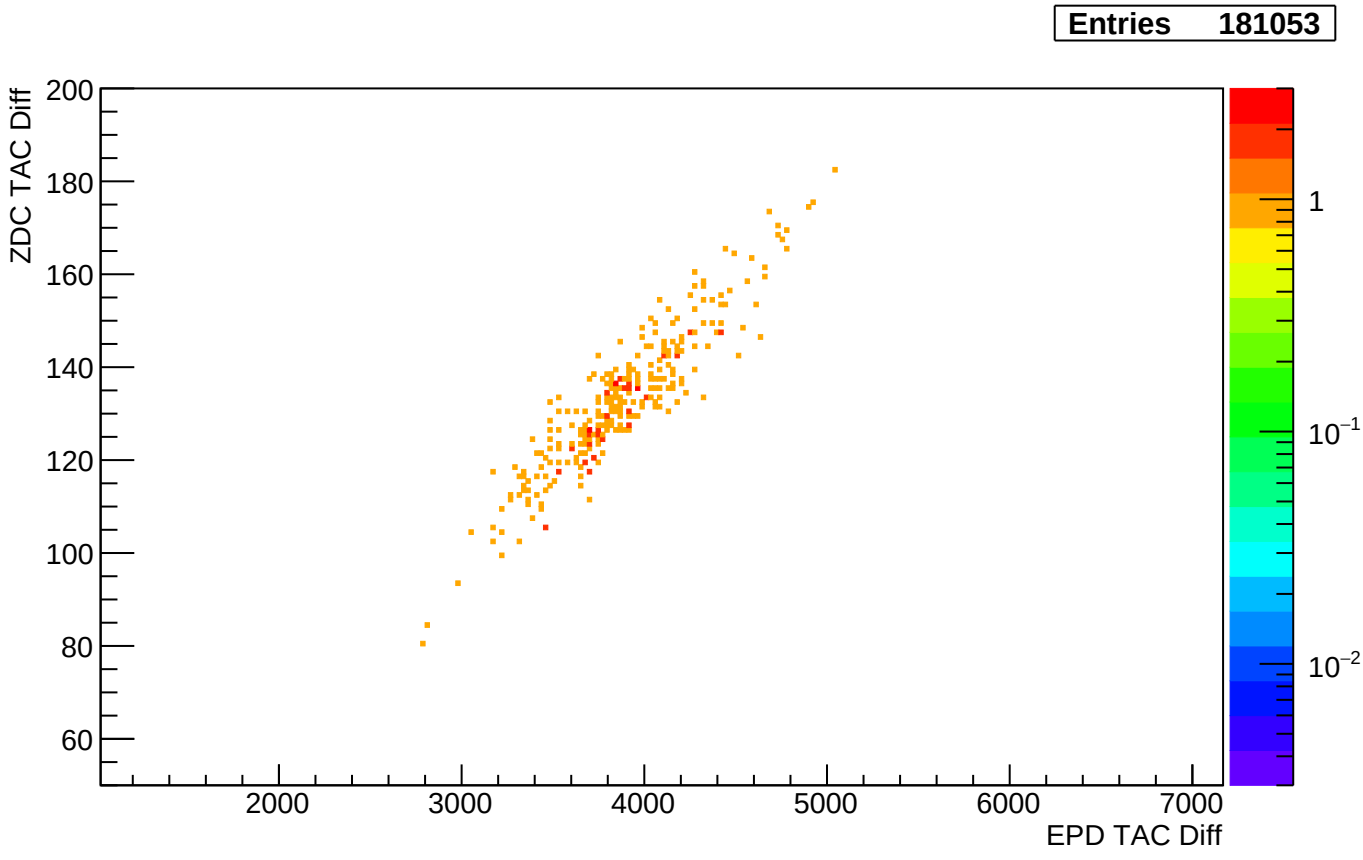

Entries 181053
TOF-Mult
BBC-S-West ADC Sum

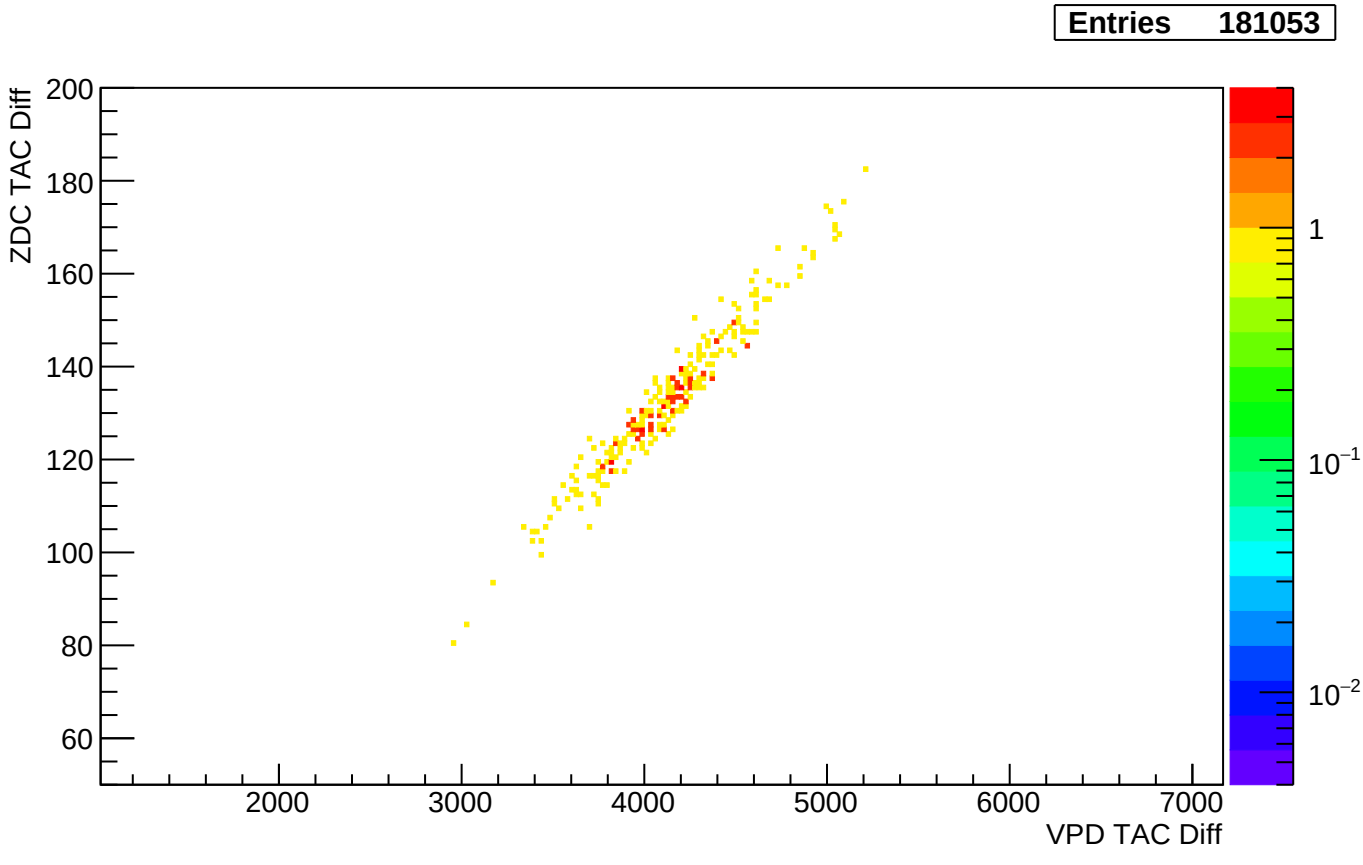

Entries 181053
TOF-Mult
EPD-East Hit Cnt

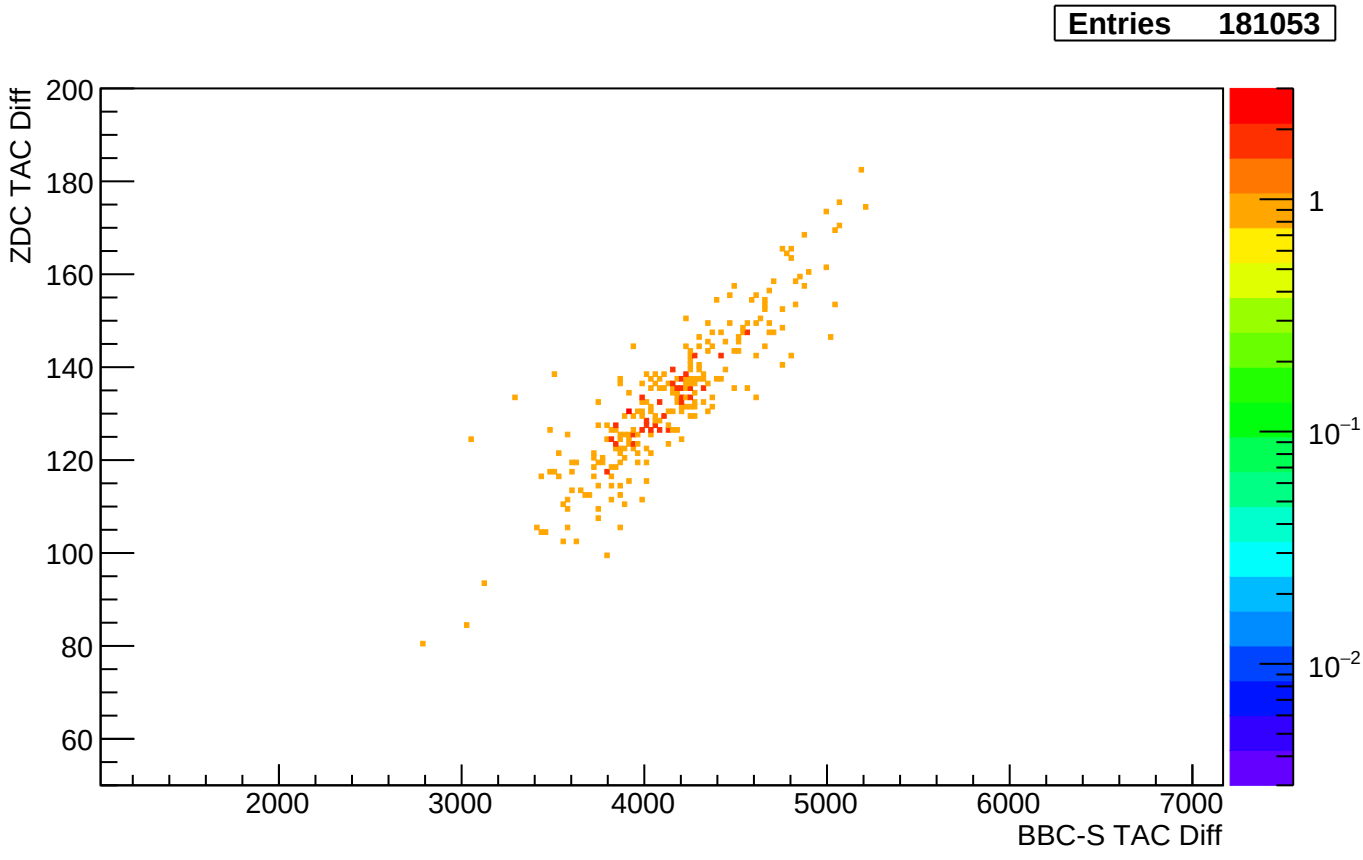

Entries 181053
TOF-Mult
EPD-West Hit Cnt

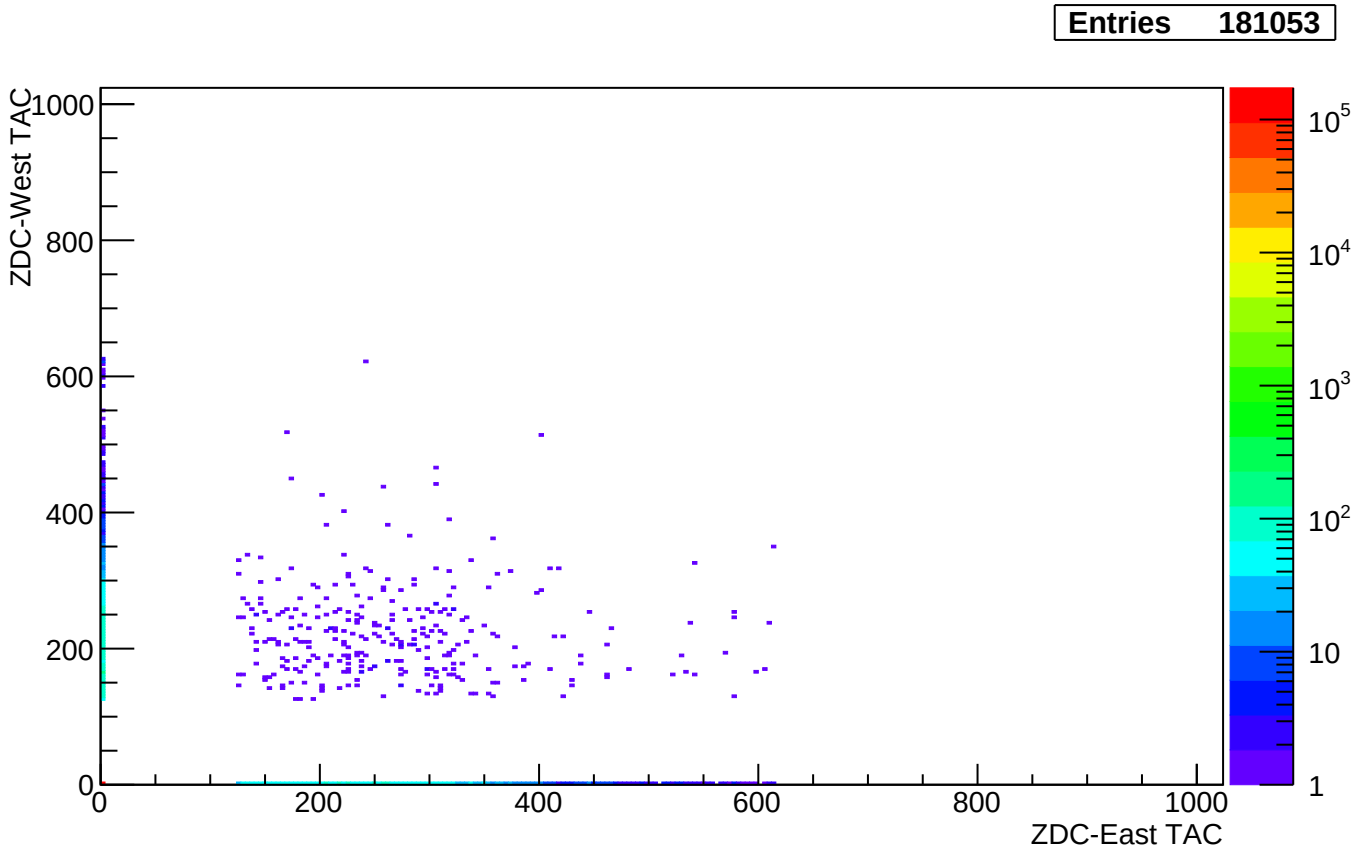

Entries 181053
TOF-Mult
VPD-East ADC Sum

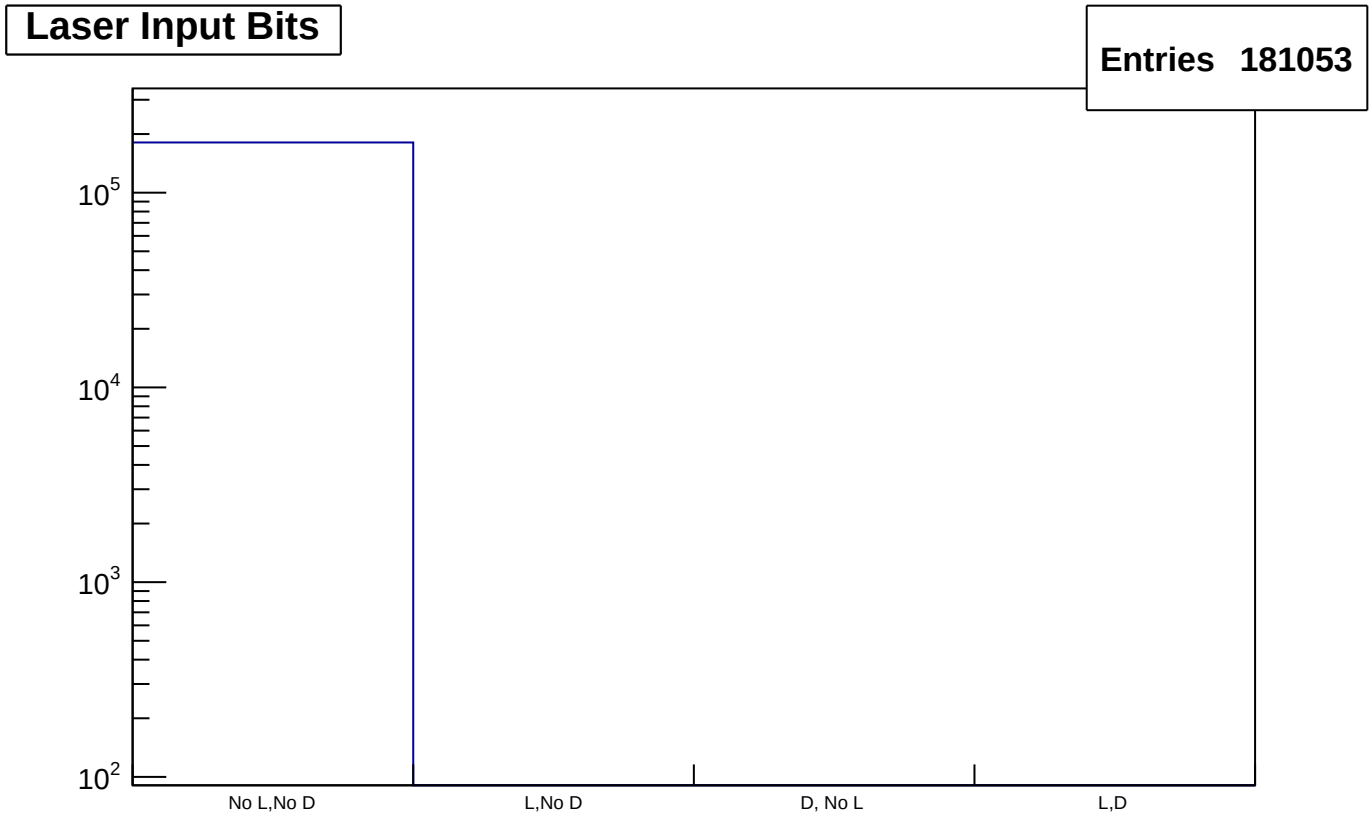

Entries 181053
TOF-Mult
VPD-West ADC Sum

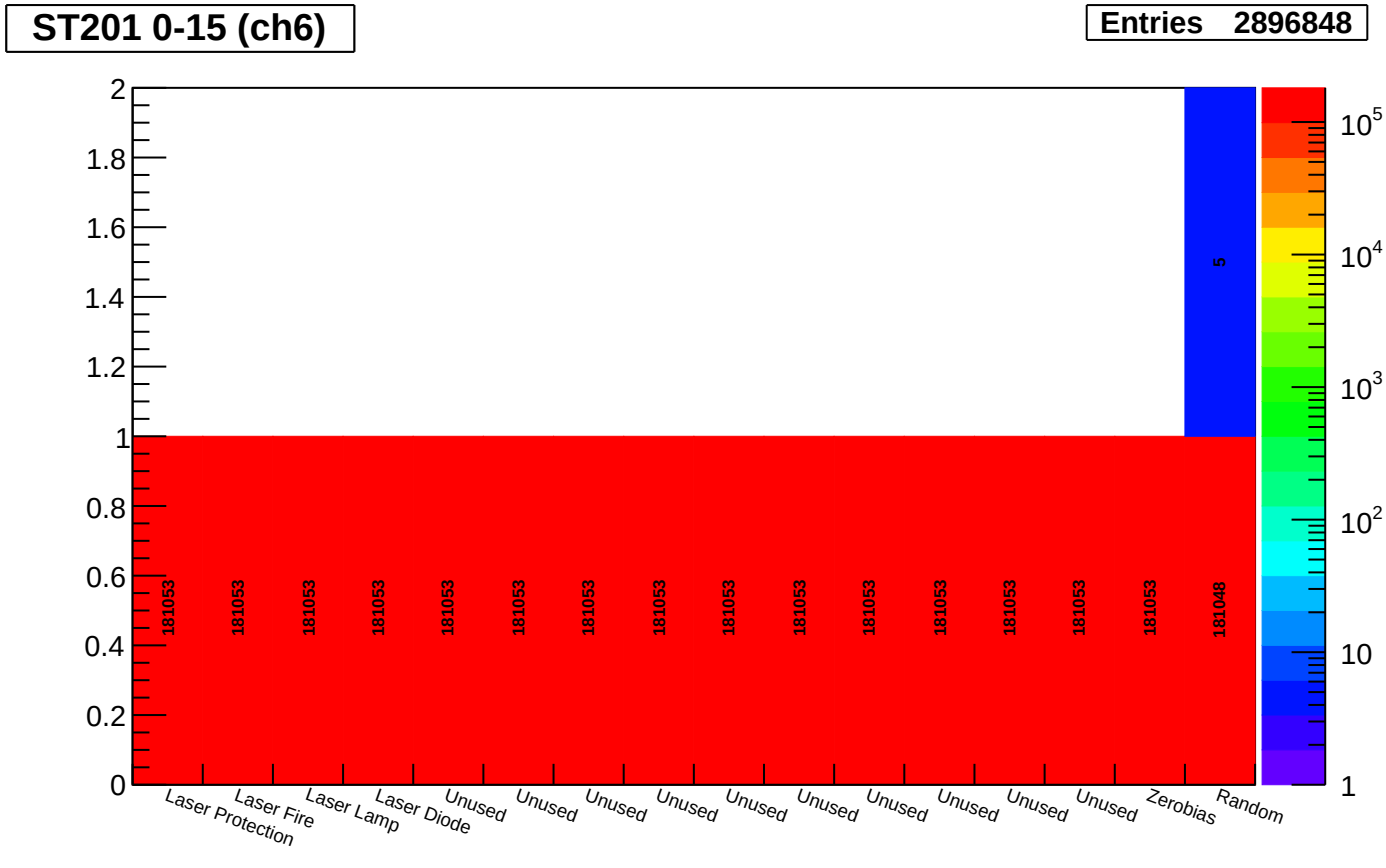

Entries 181053
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

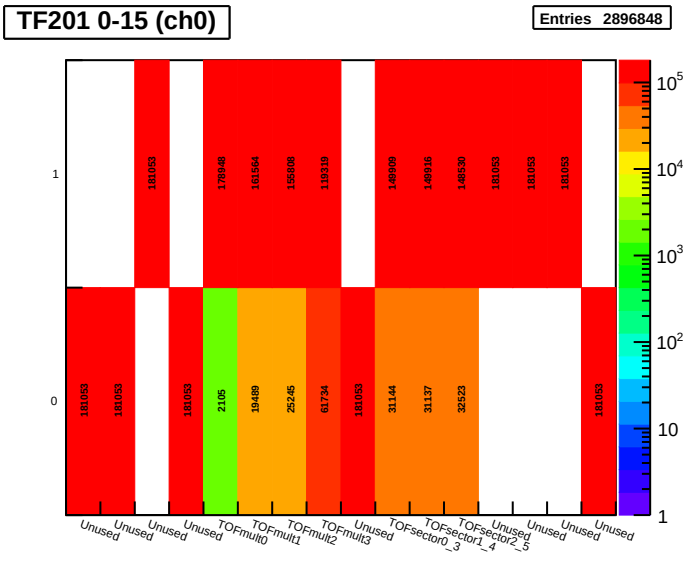

Entries 181053
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

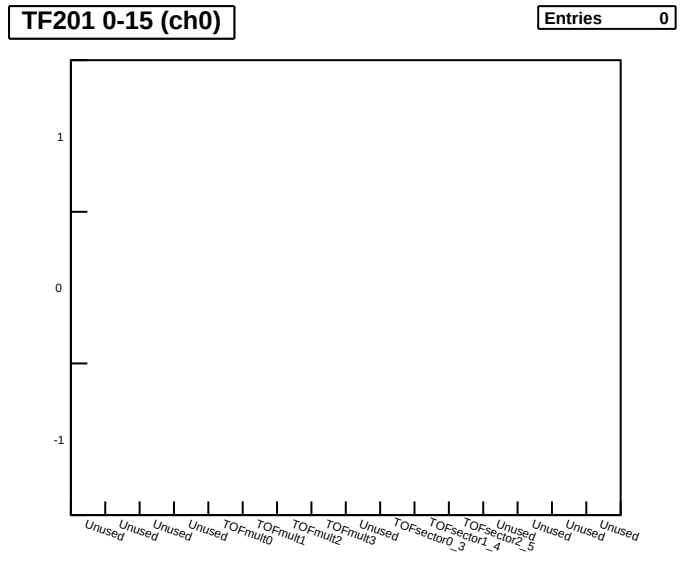

Entries 181053
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

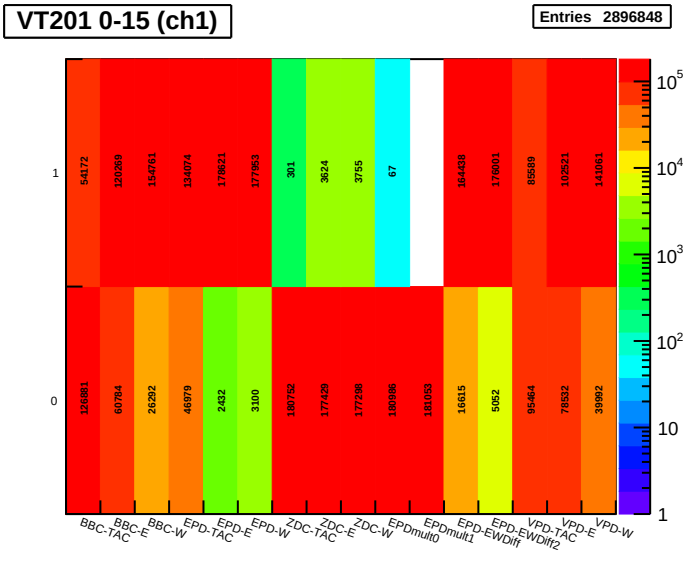

Entries 181053
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

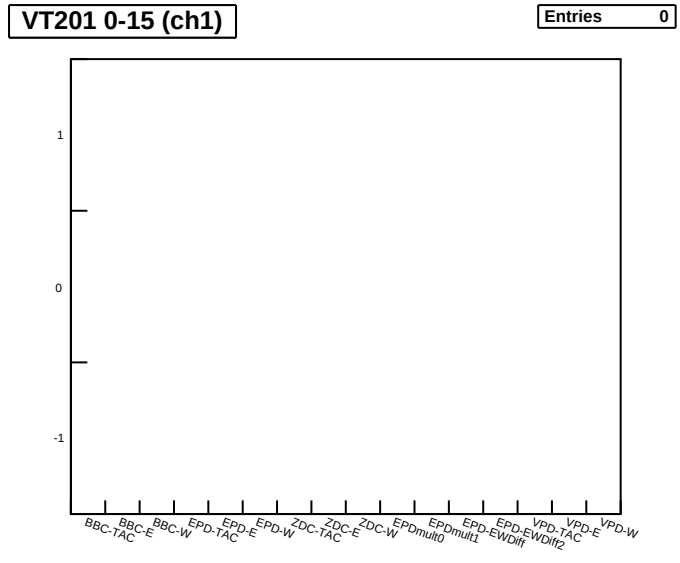

Laser Input Bits
Entries 181053
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

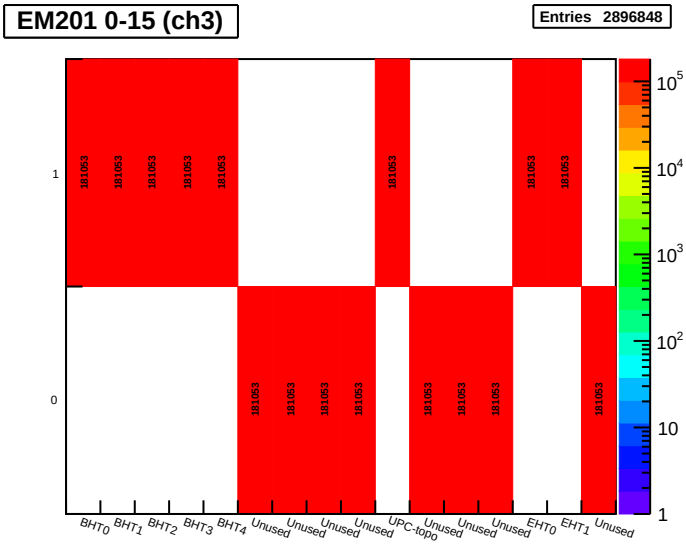

ST201 0-15 (ch6)
Entries 2896848
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
181053
181048
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

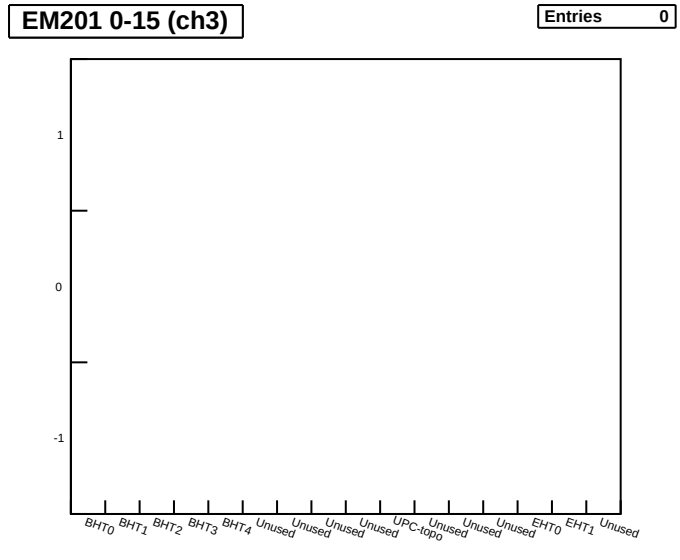

TF201 0-15 (ch0)
Entries 2896848
1
0
181053 181053 181053 181053 176948 161564 155808 119319 149909 149916 148530 181053 181053 181053
181053 181053 181053 2105 19489 25245 61734 181053 31144 31137 32523 181053
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 2896848
1
0
54172 120269 154761 134074 176621 177953 301 3624 3755 67 164458 176001 85589 102521 141061
126881 60784 26292 46979 2432 3100 180752 177429 177298 180986 181053 16615 5052 95464 78532 39992
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 2896848
1
0
181053 181053 181053 181053 181053 181053 181053 181053 181053
181053 181053 181053 181053 181053 181053 181053 181053
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