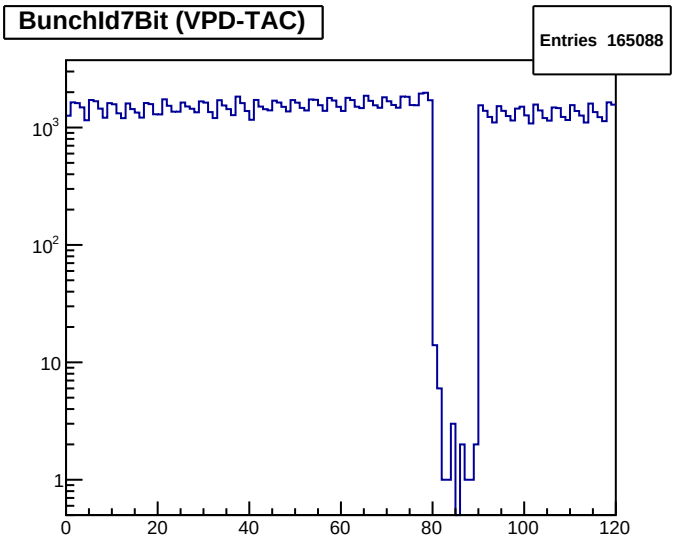
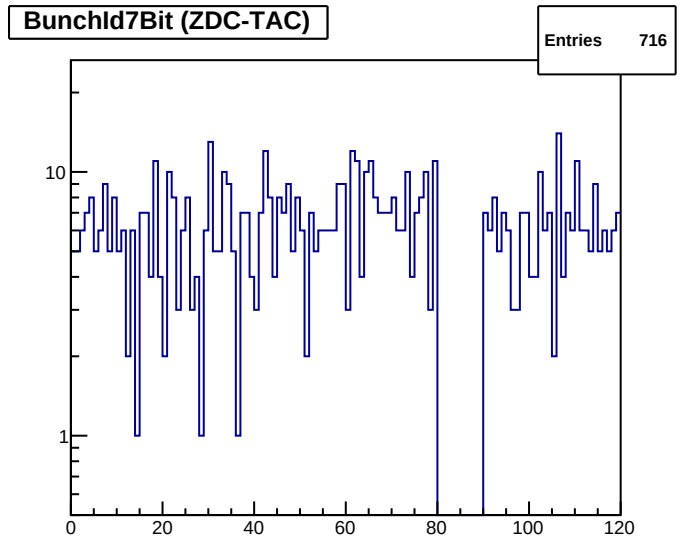
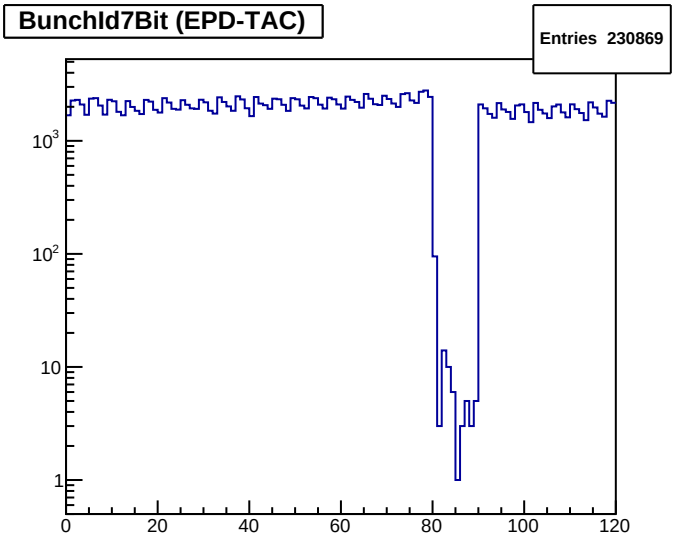
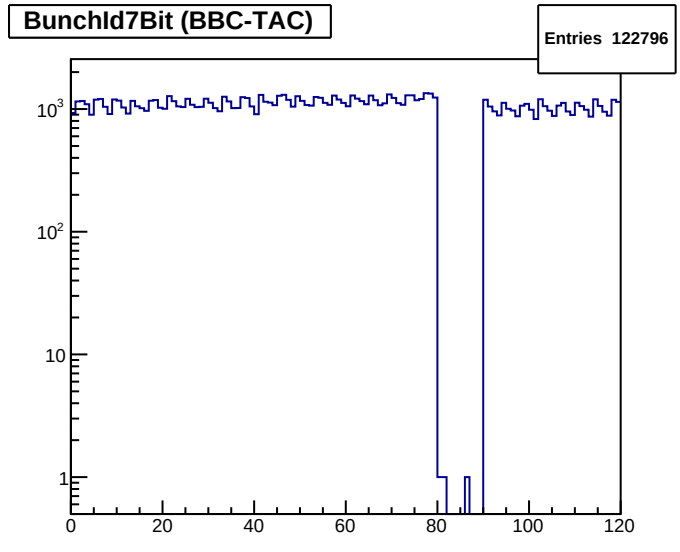
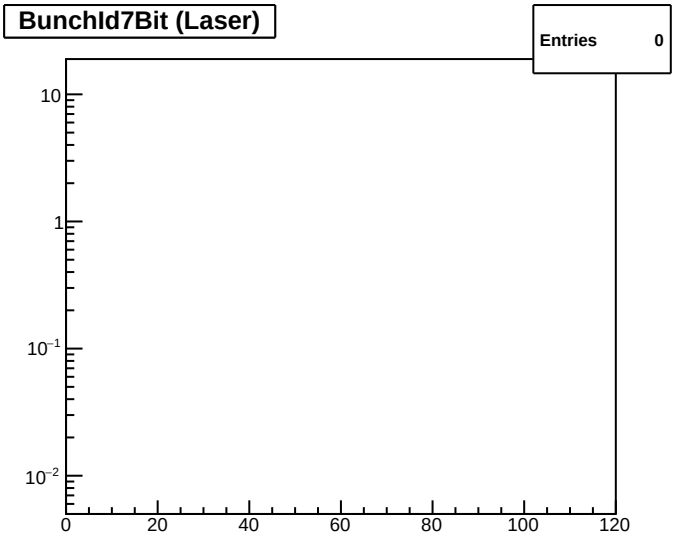
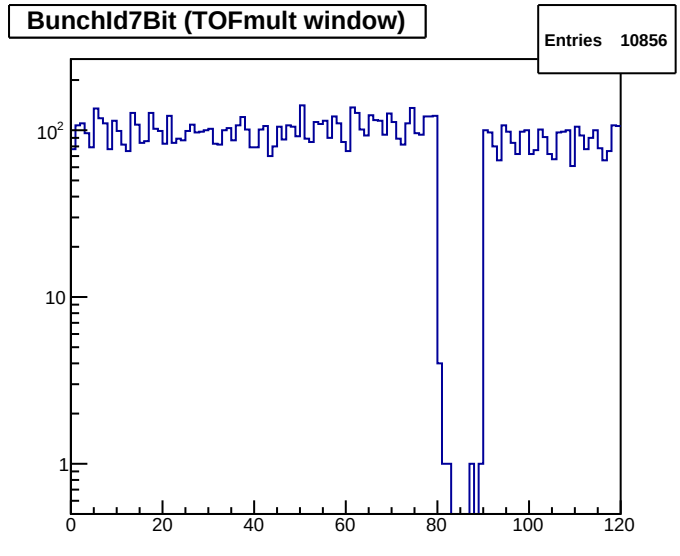

BunchId7Bit (VPD-TAC)
Entries 165088

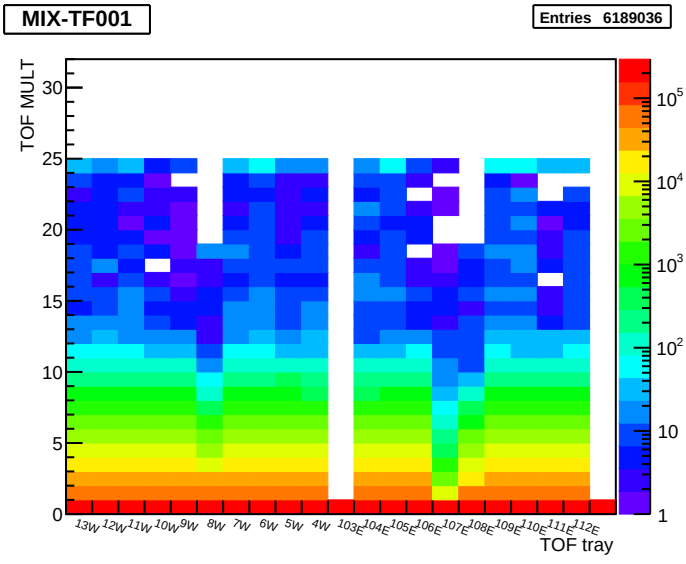

BunchId7Bit (ZDC-TAC)
Entries 716

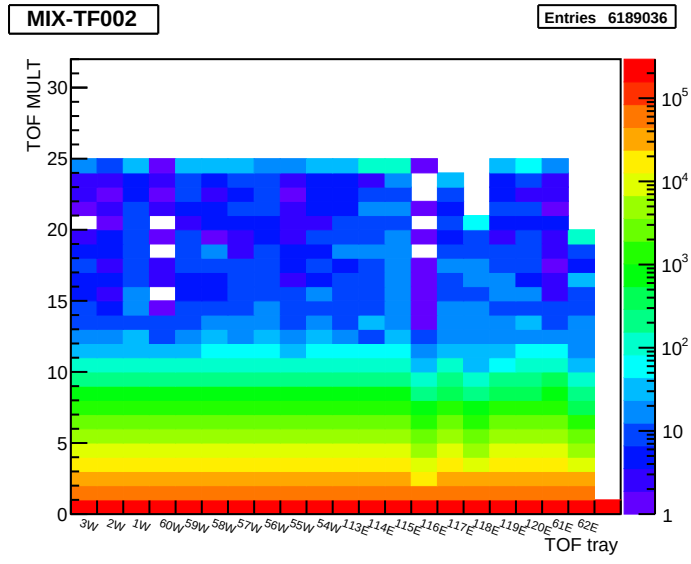

BunchId7Bit (EPD-TAC)
Entries 230869

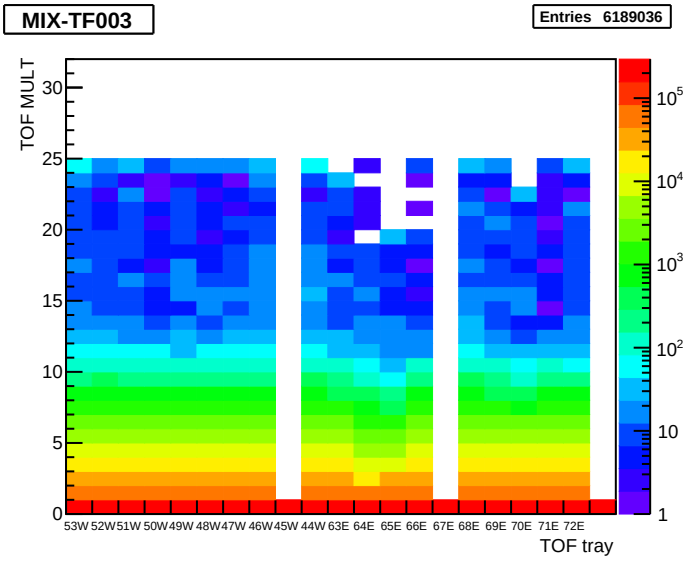

BunchId7Bit (BBC-TAC)
Entries 122796

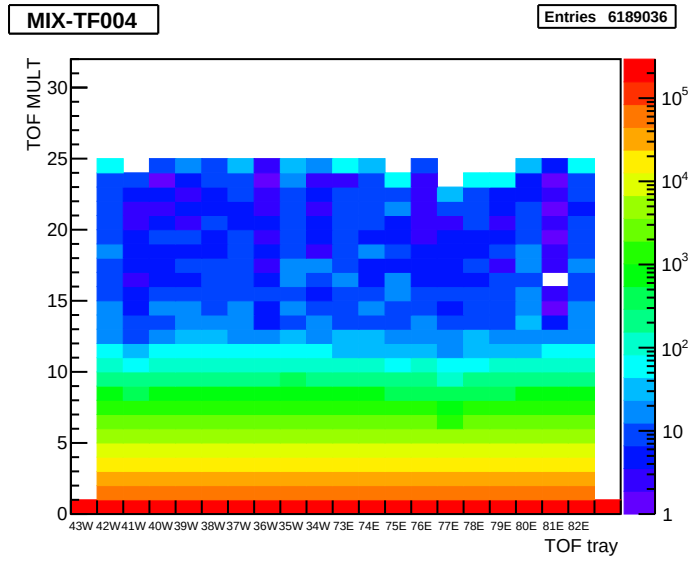

BunchId7Bit (Laser)
Entries 0

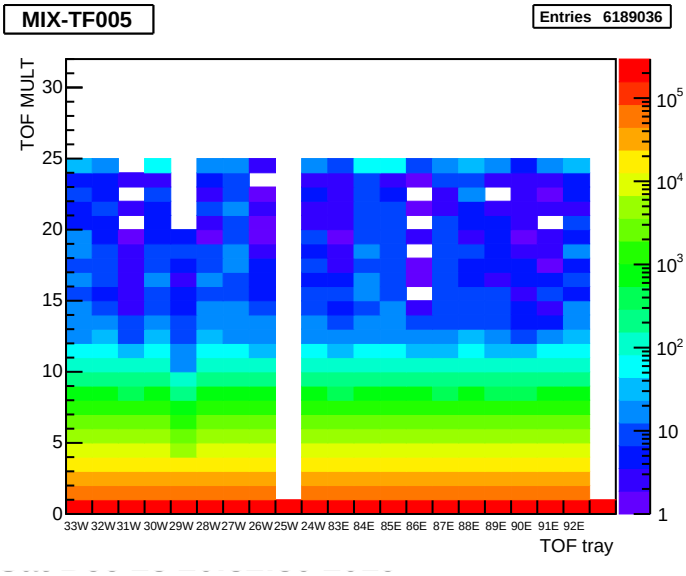

BunchId7Bit (TOFmult window)
Entries 10856

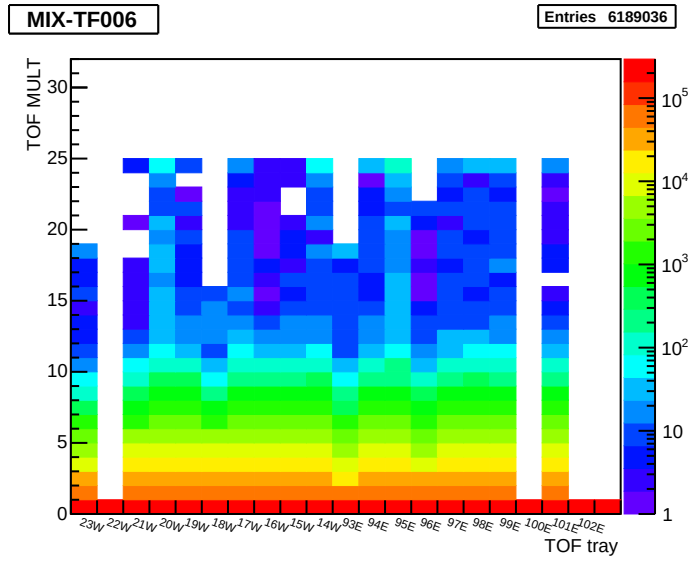

MIX-TF001
Entries 6189036
TOF MULT
TOF tray

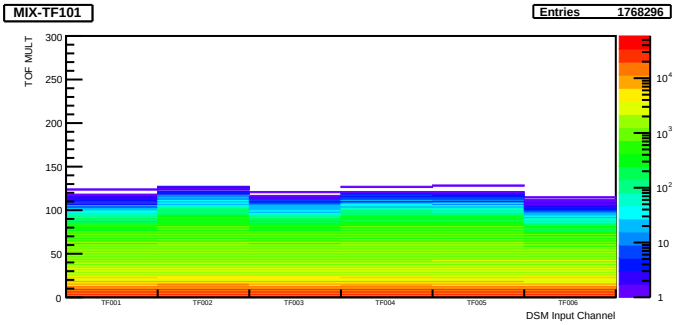

MIX-TF002
Entries 6189036
TOF MULT
TOF tray

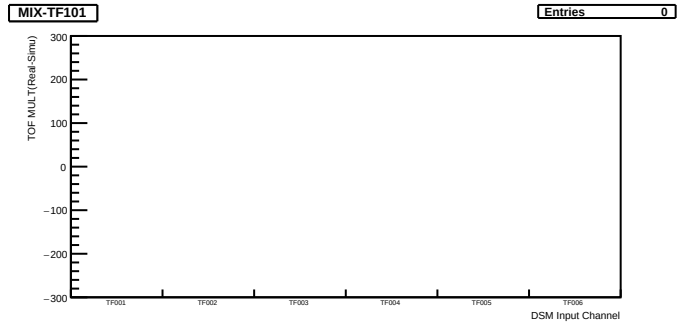

MIX-TF003
Entries 6189036
TOF MULT
TOF tray

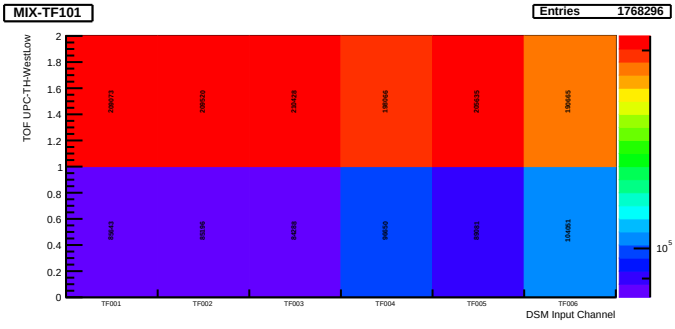

MIX-TF004
Entries 6189036
TOF MULT
TOF tray

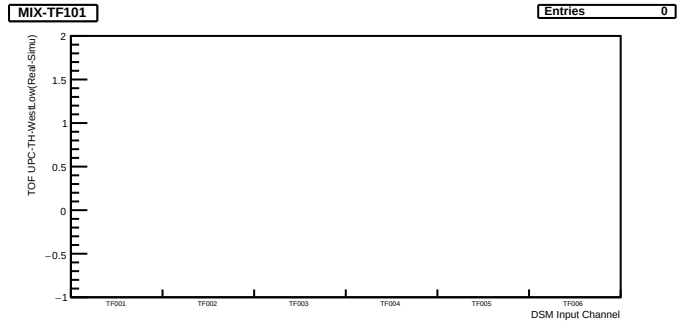

MIX-TF005
Entries 6189036
TOF MULT
TOF tray

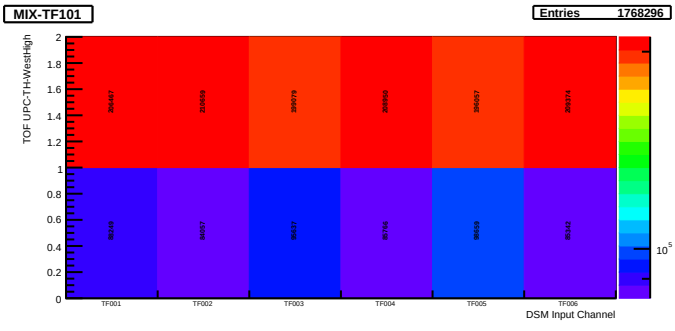

MIX-TF006
Entries 6189036
TOF MULT
TOF tray

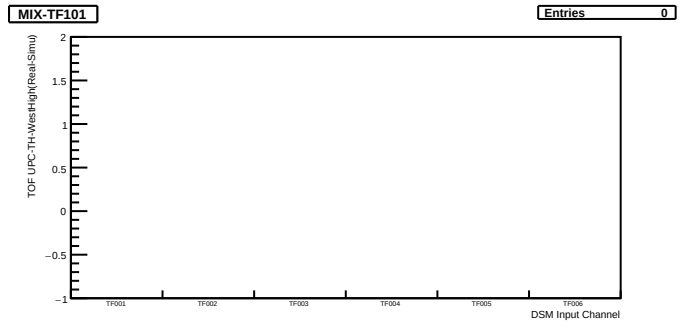

MIX-TF101
Entries 1768296
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

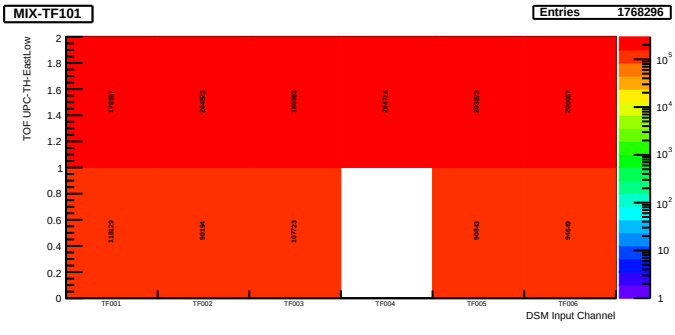

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

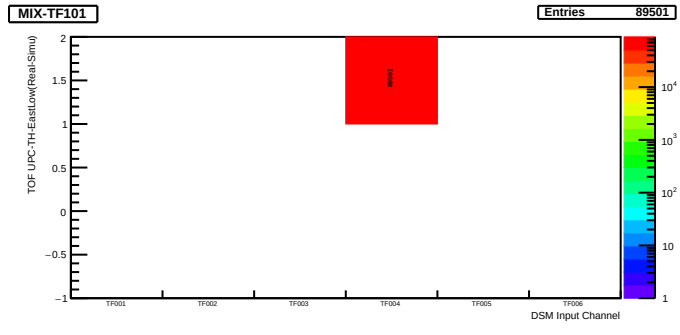

MIX-TF101
Entries 1768296
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

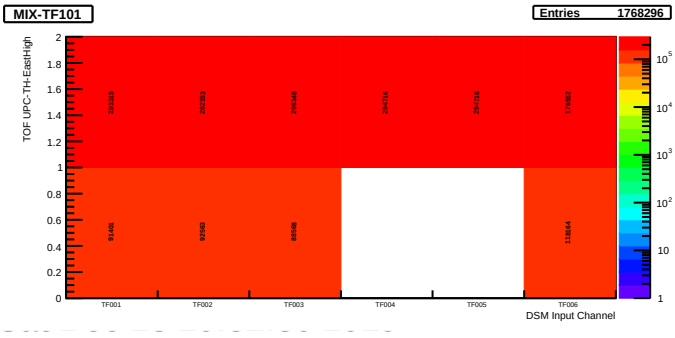

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

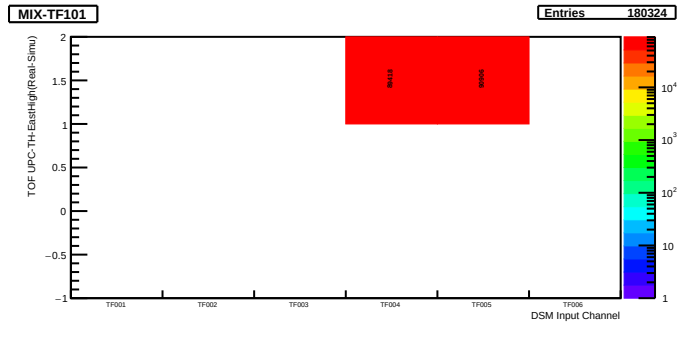

MIX-TF101
Entries 1768296
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

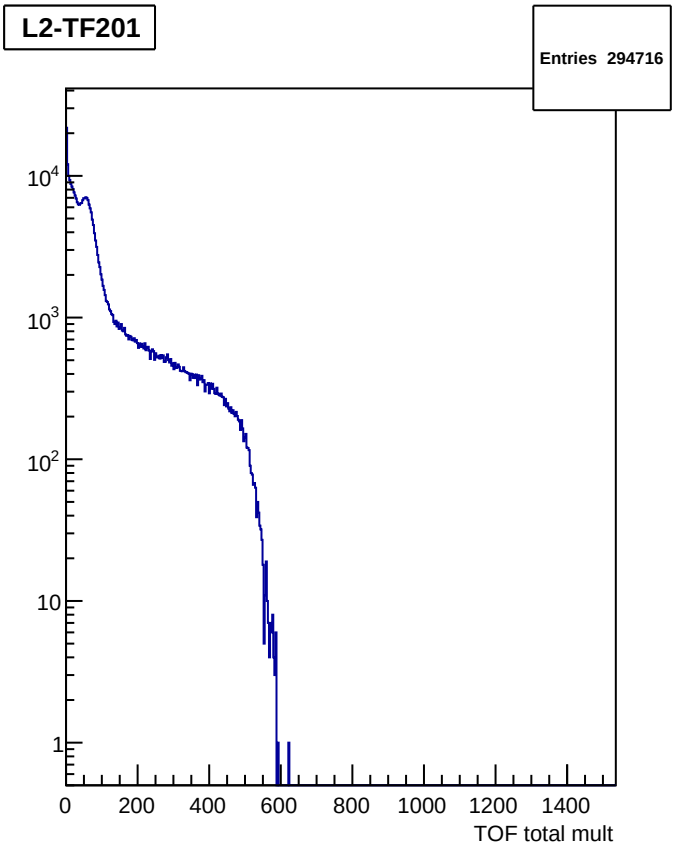

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

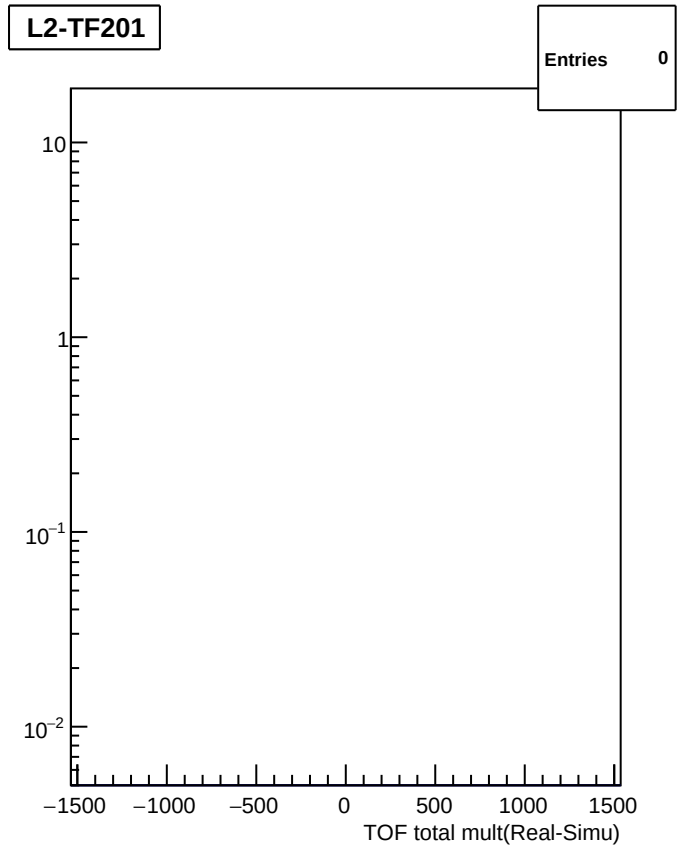

MIX-TF101
Entries 1768296
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

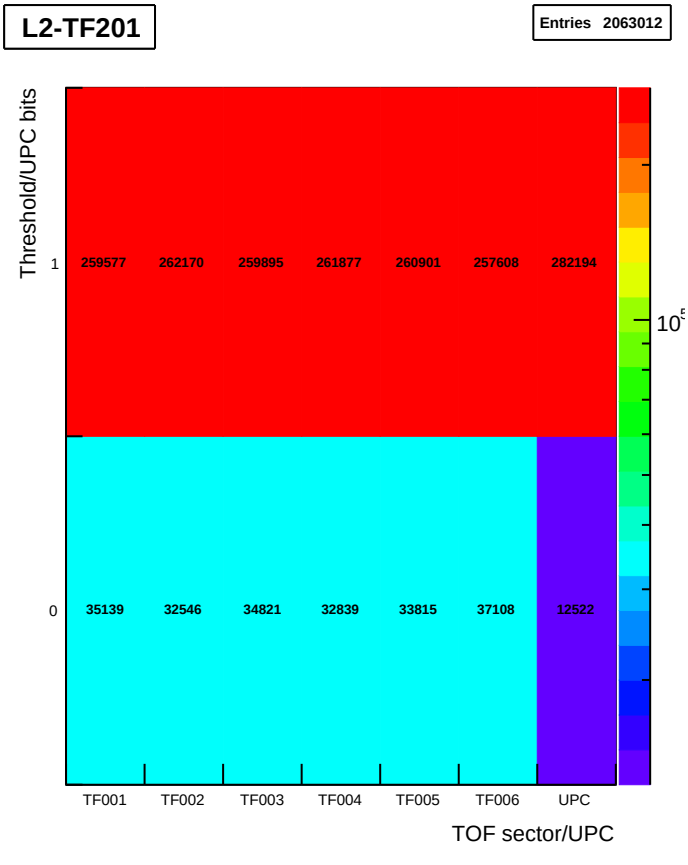

MIX-TF101
Entries 89501
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

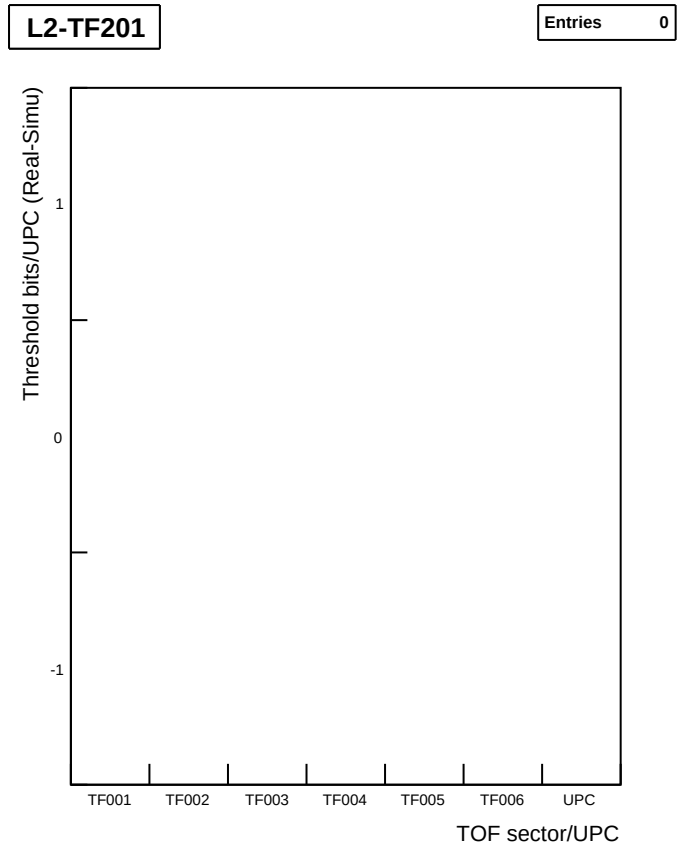

MIX-TF101
Entries 1768296
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

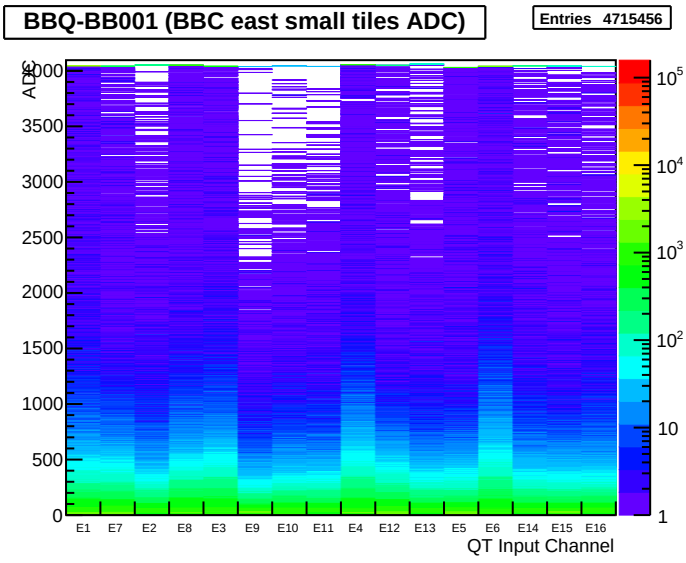

MIX-TF101
Entries 180324
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

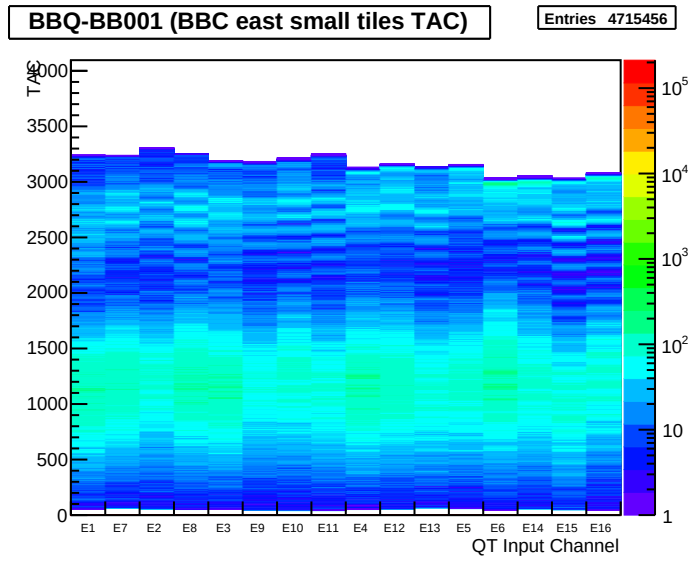

L2-TF201
Entries 294716
TOF total mult

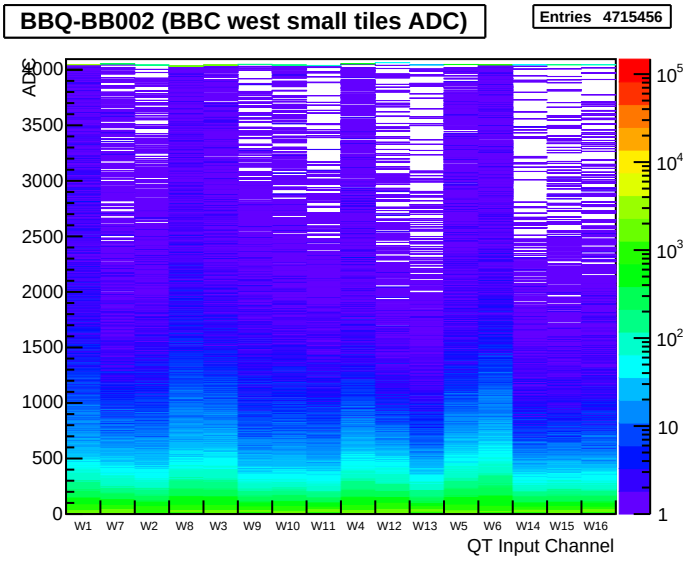

L2-TF201
Entries 0
TOF total mult(Real-Simu)

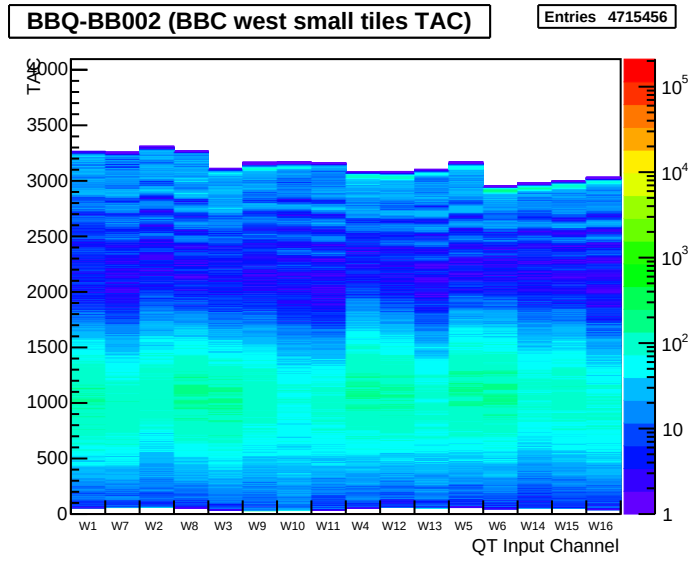

L2-TF201
Entries 2063012
Threshold/UPC bits
259577
262170
259895
261877
260901
257608
282194
35139
32546
34821
32839
33815
37108
12522
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

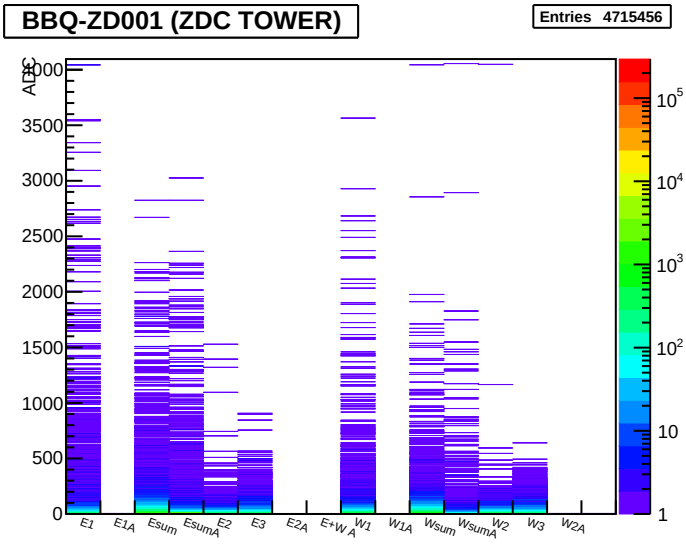

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

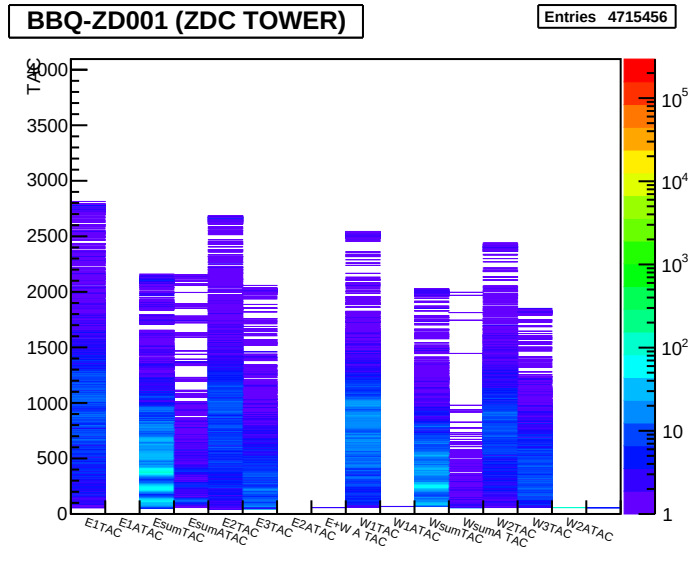

BBQ-BB001 (BBC east small tiles ADC)
Entries 4715456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

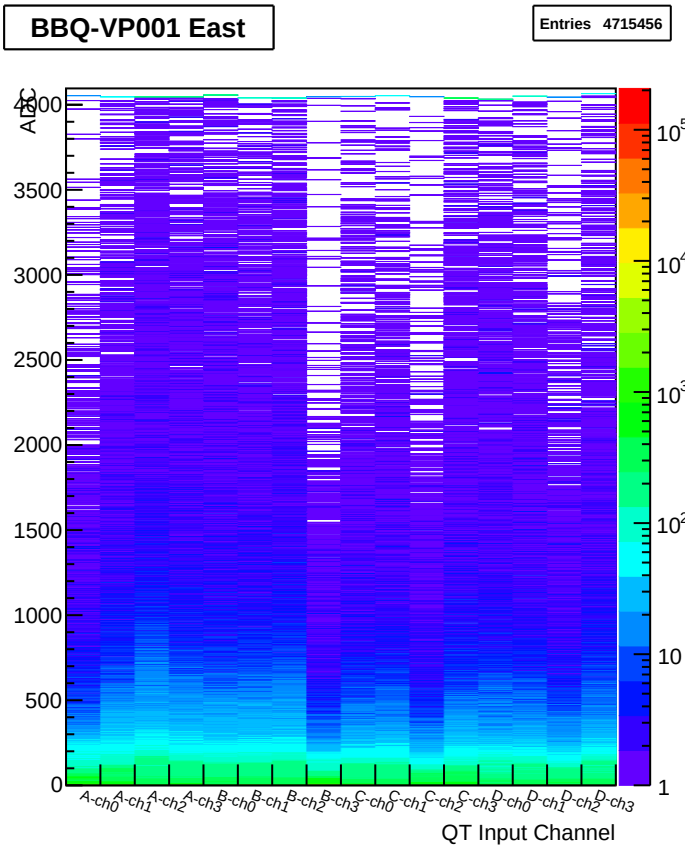

BBQ-BB001 (BBC east small tiles TAC)
Entries 4715456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

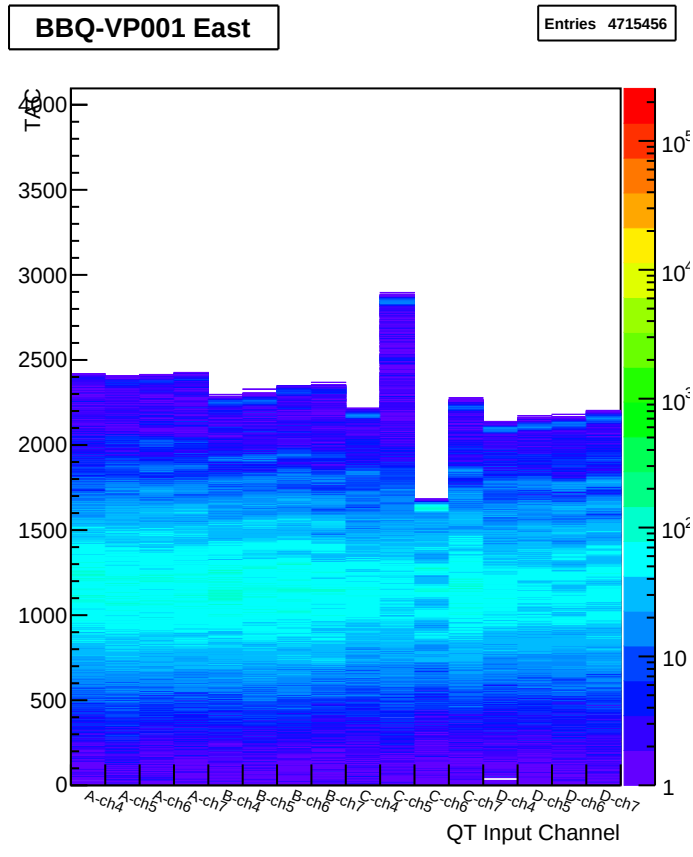

BBQ-BB002 (BBC west small tiles ADC)
Entries 4715456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

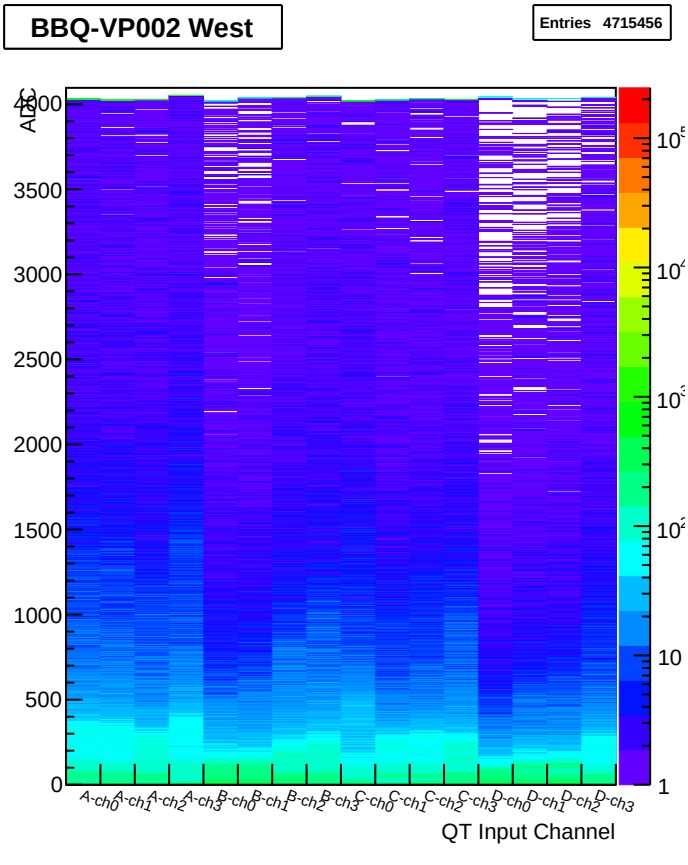

BBQ-BB002 (BBC west small tiles TAC)
Entries 4715456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

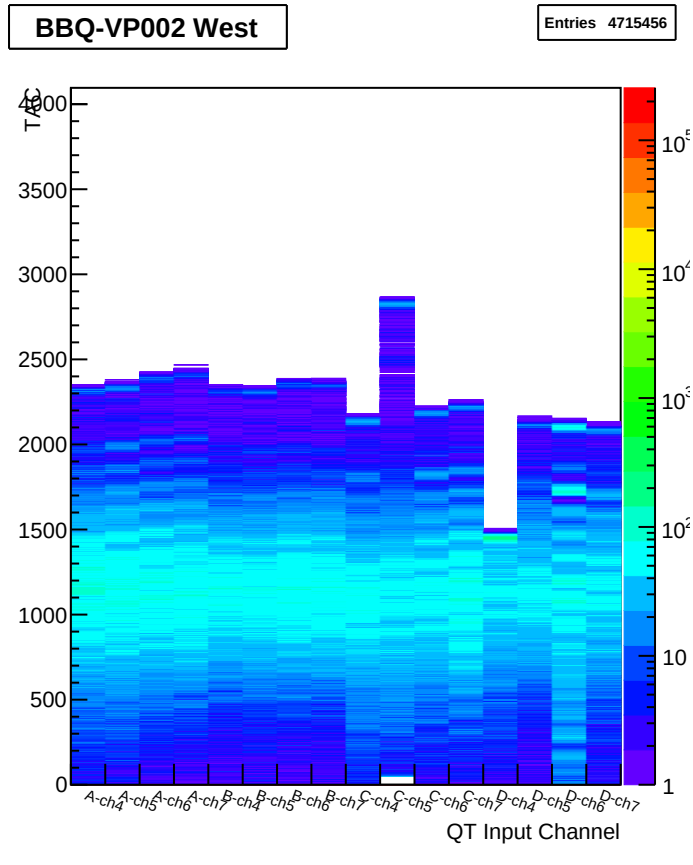

BBQ-ZD001 (ZDC TOWER)
Entries 4715456
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

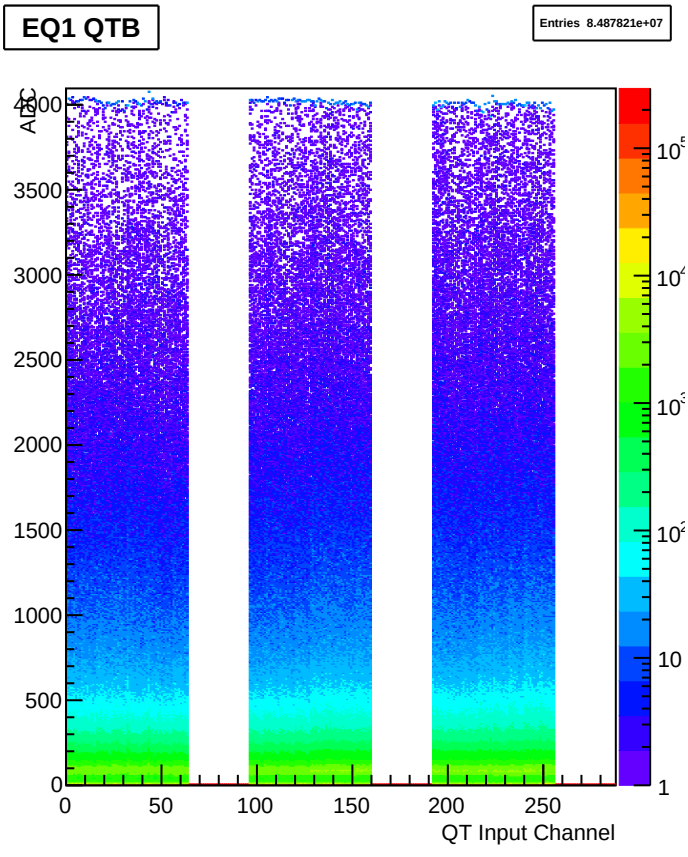

BBQ-ZD001 (ZDC TOWER)
Entries 4715456
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

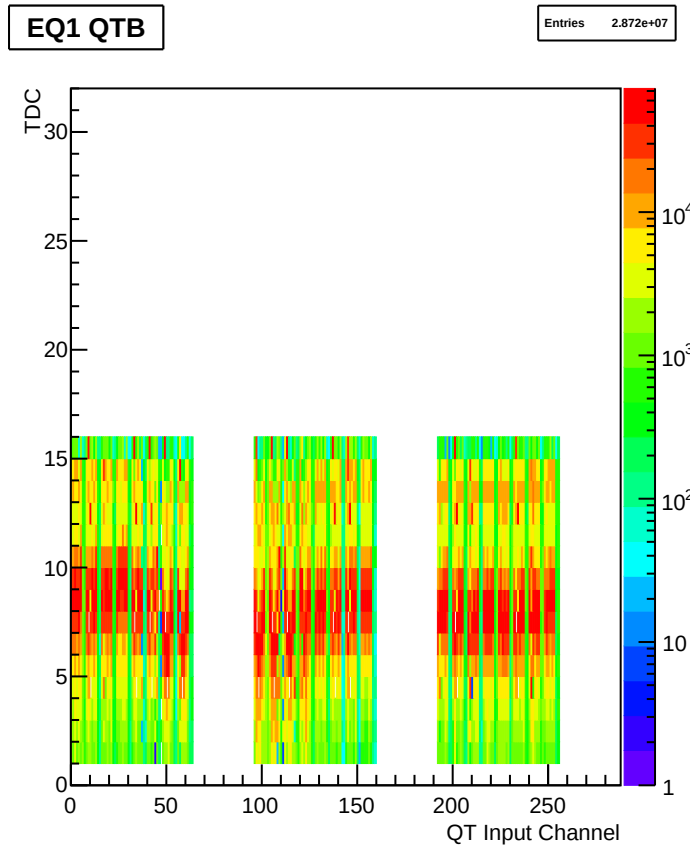

BBQ-VP001 East
Entries 4715456
ADC
QT Input Channel

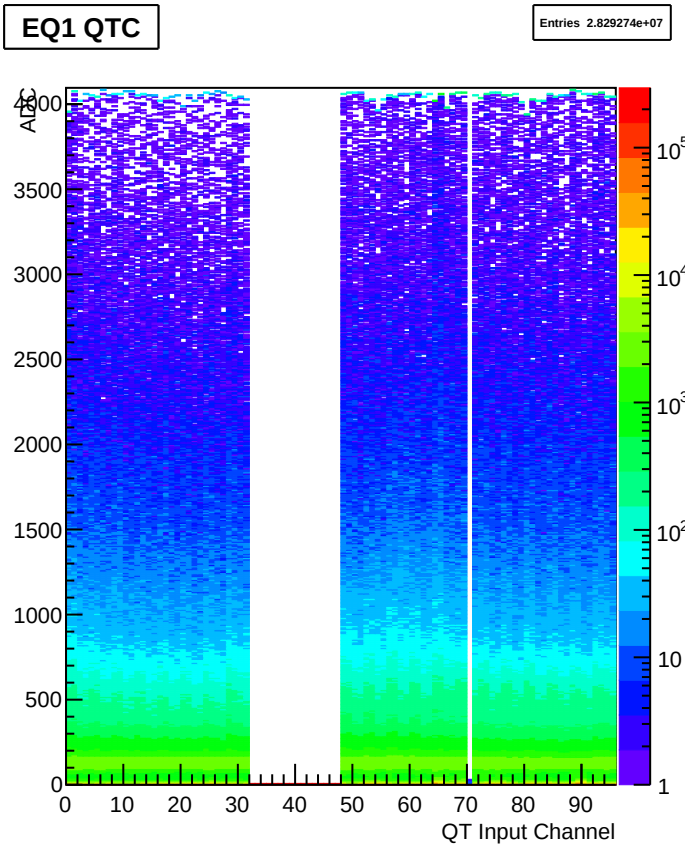

BBQ-VP001 East
Entries 4715456
TADC
QT Input Channel

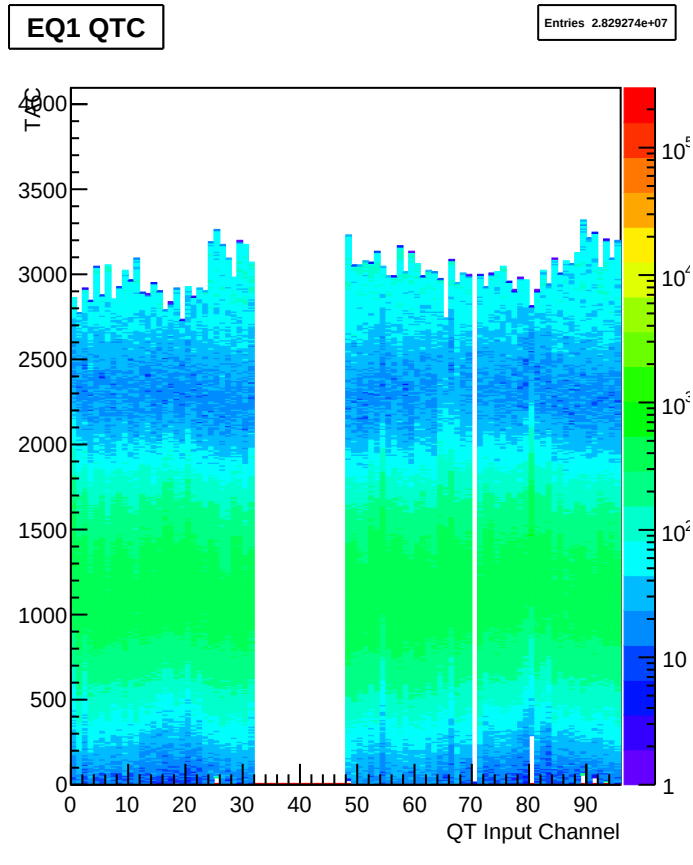

BBQ-VP002 West
Entries 4715456
ADC
QT Input Channel

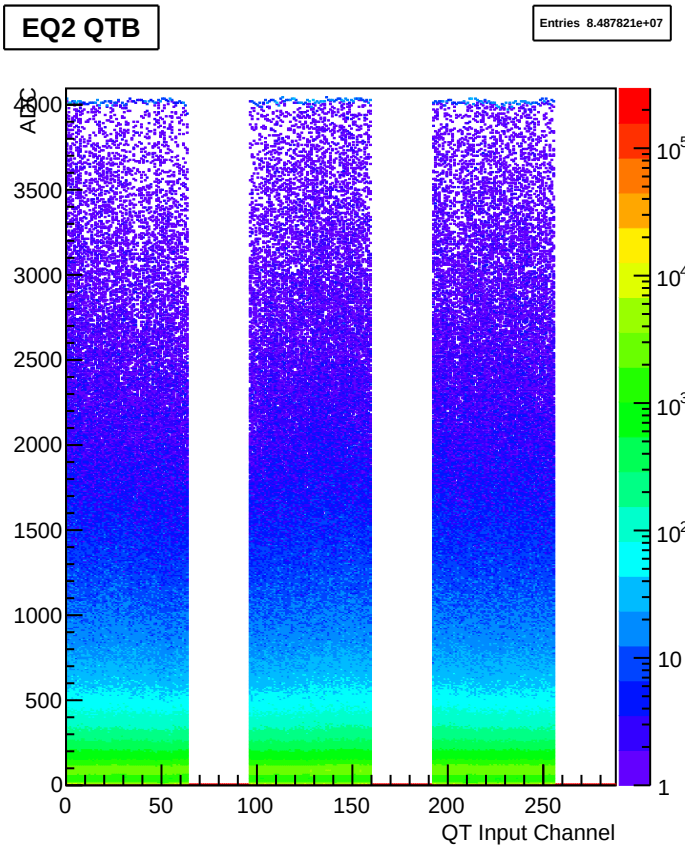

BBQ-VP002 West
Entries 4715456
TADC
QT Input Channel

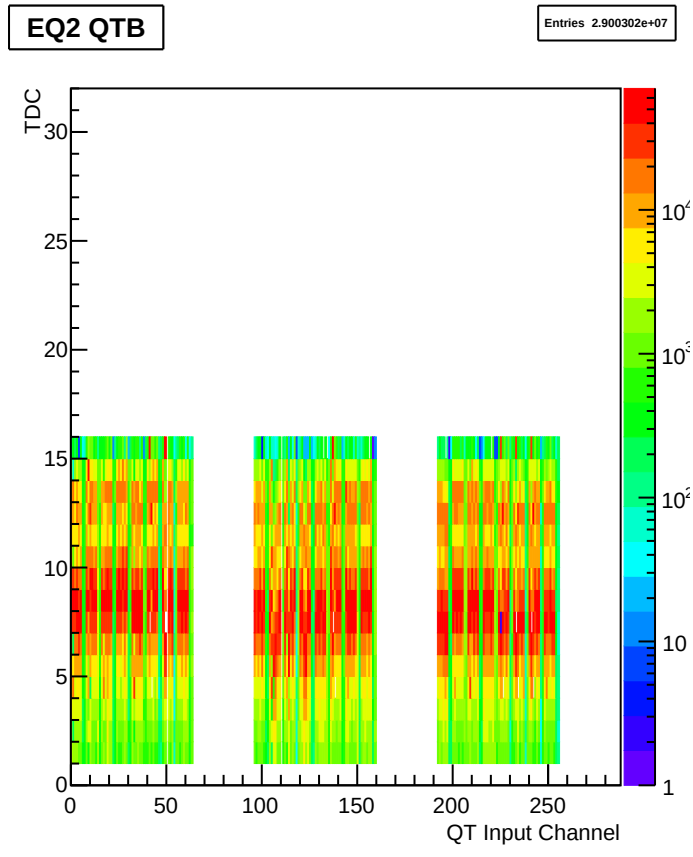

EQ1 QTB
Entries 8.487821e+07
ADC
QT Input Channel

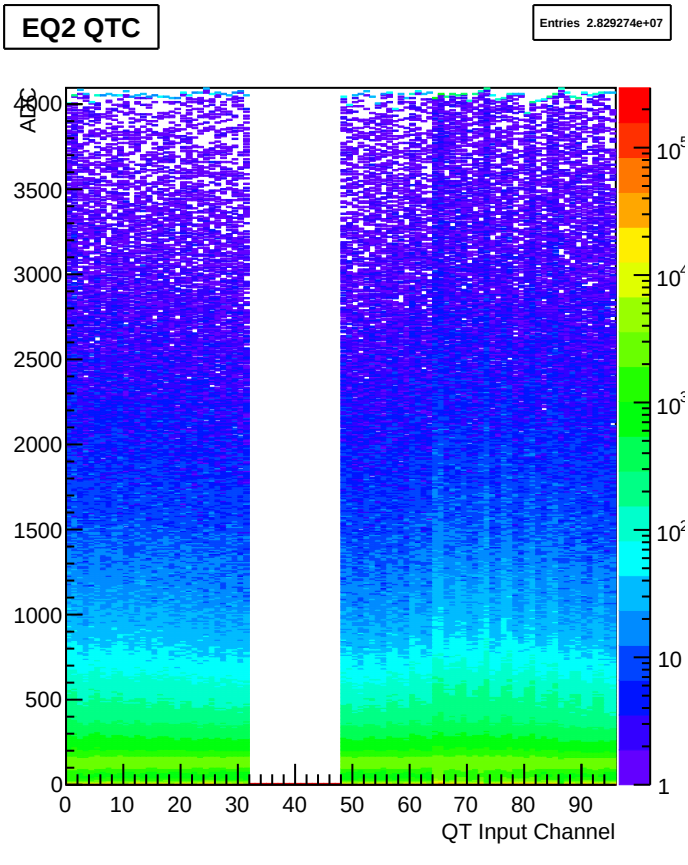

EQ1 QTB
Entries 2.872e+07
TDC
QT Input Channel

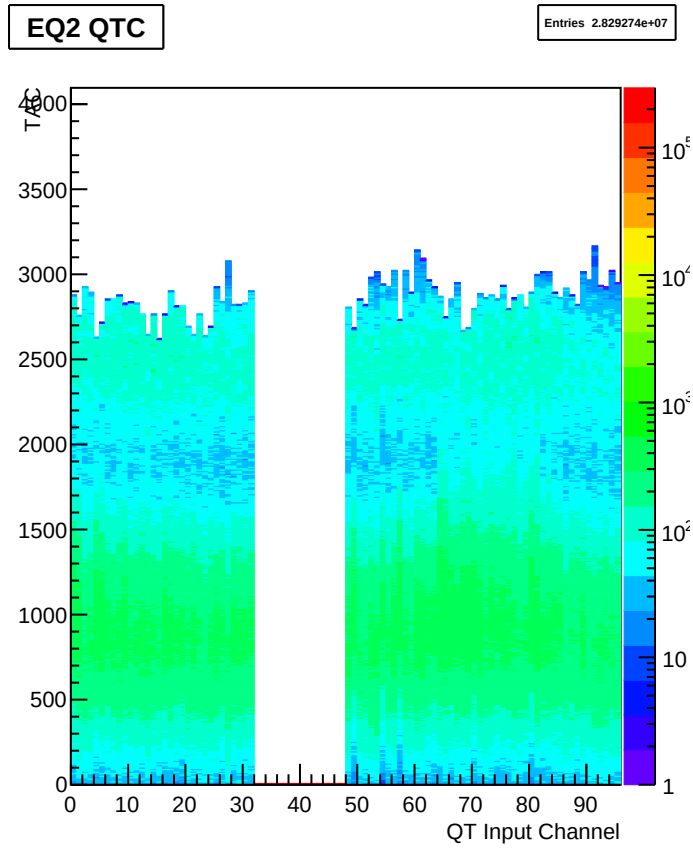

EQ1 QTC
Entries 2.829274e+07
ADC
QT Input Channel

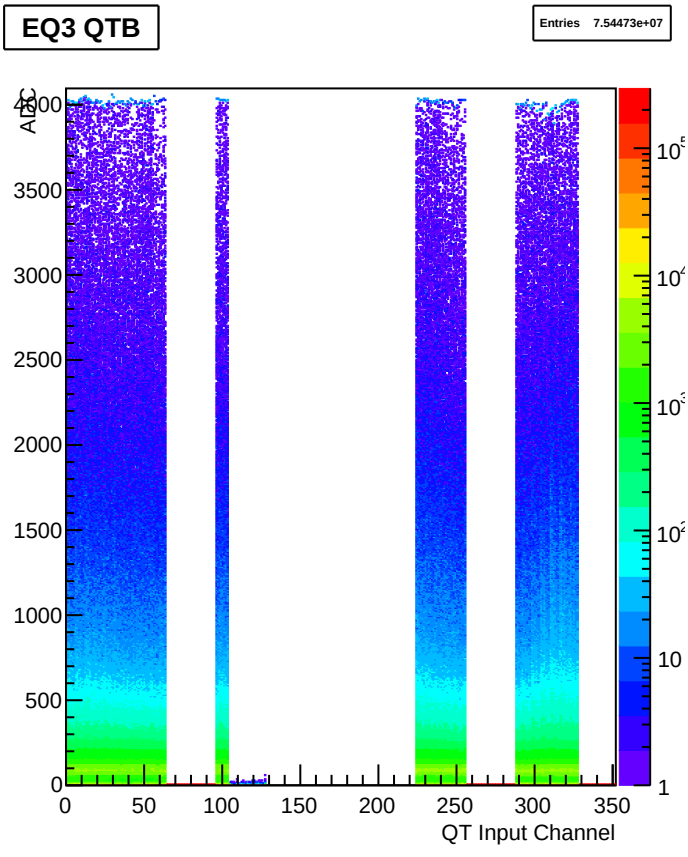

EQ1 QTC
Entries 2.829274e+07
TADC
QT Input Channel

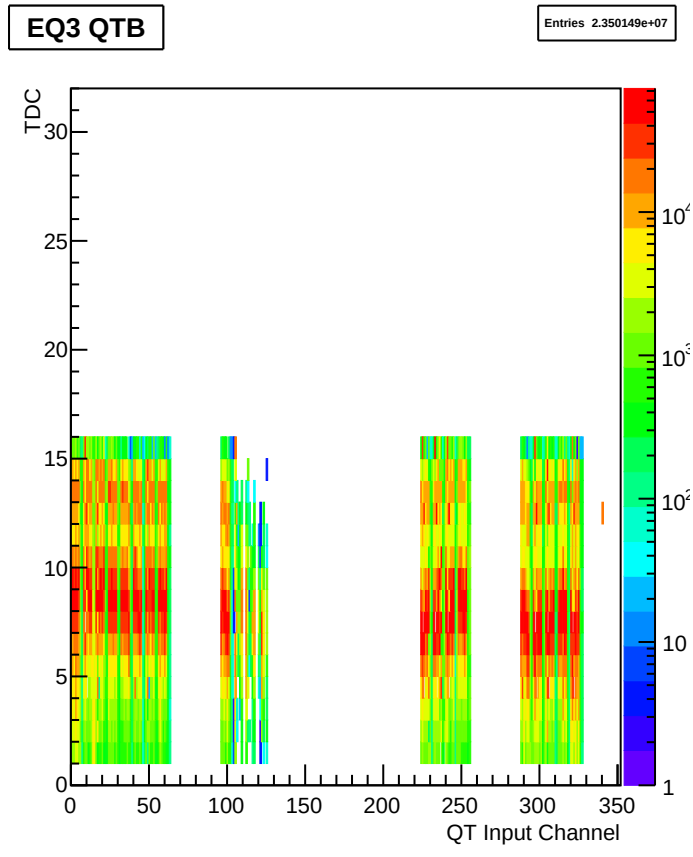

EQ2 QTB
Entries 8.487821e+07
ADC
QT Input Channel

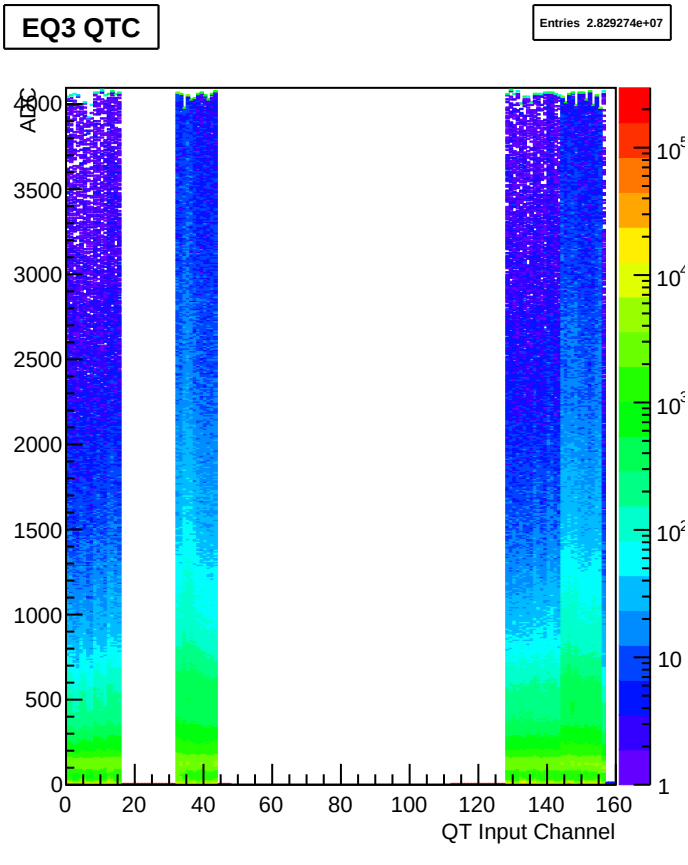

EQ2 QTB
Entries 2.900302e+07
TDC
QT Input Channel

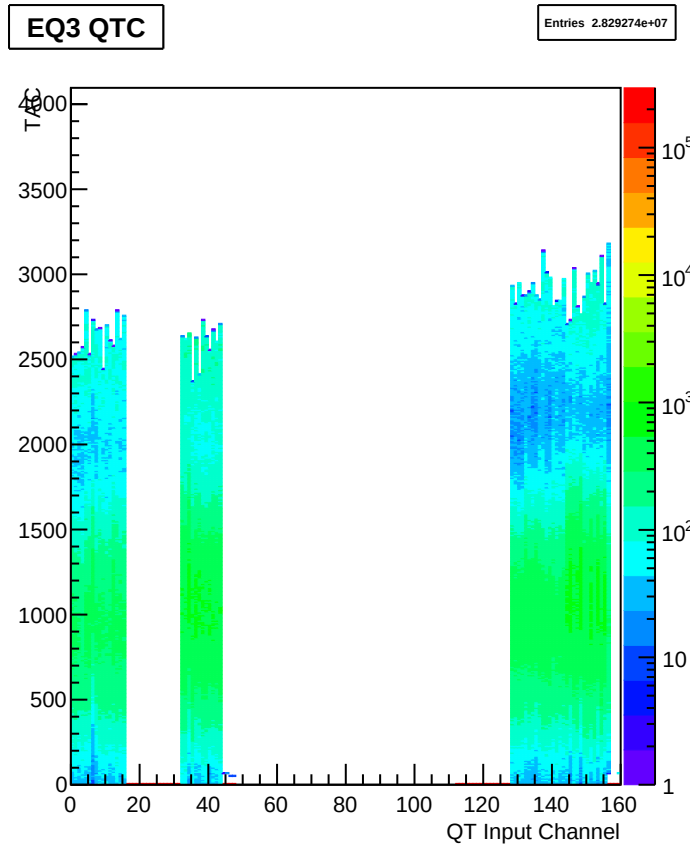

EQ2 QTC
Entries 2.829274e+07
ADC
QT Input Channel

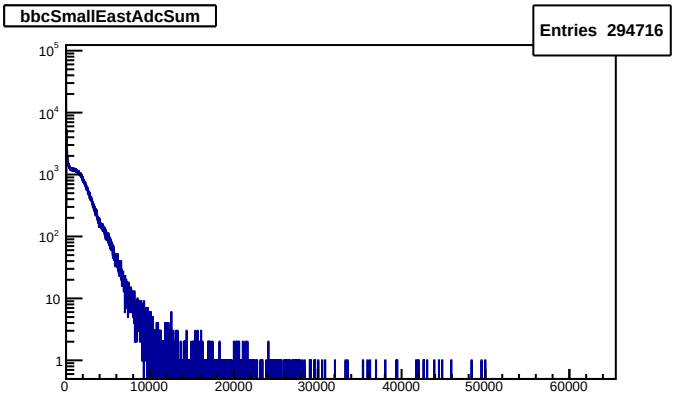

EQ2 QTC
Entries 2.829274e+07
TADC
QT Input Channel

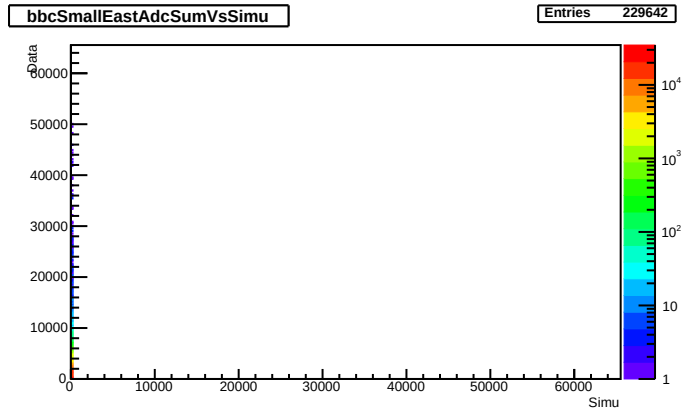

EQ3 QTB
Entries 7.54473e+07
ADC
QT Input Channel

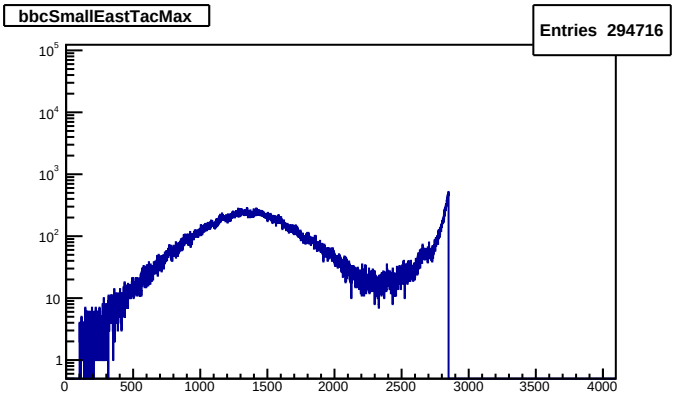

EQ3 QTB
Entries 2.350149e+07
TDC
QT Input Channel

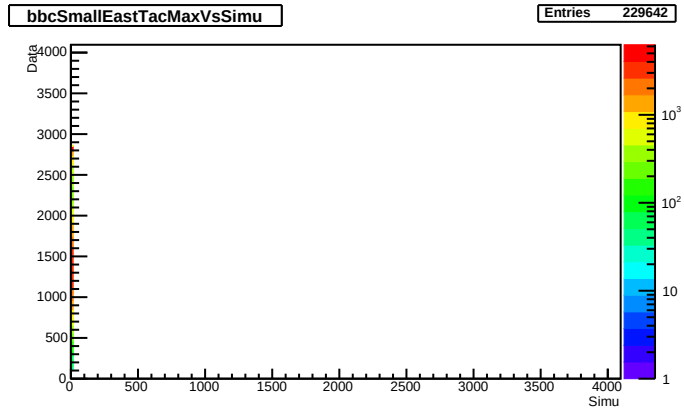

EQ3 QTC
Entries 2.829274e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.829274e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 294716


bbcSmallEastAdcSumVsSimu
Entries 229642
Data
Simu


bbcSmallEastTacMax
Entries 294716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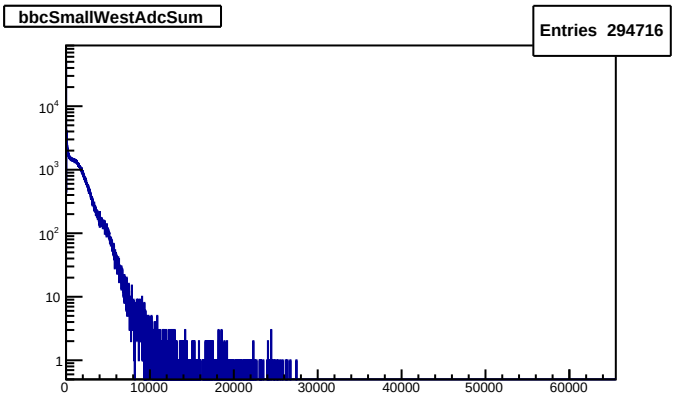
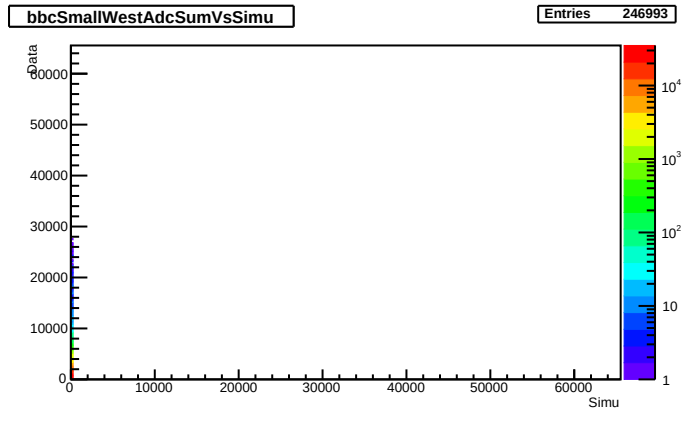
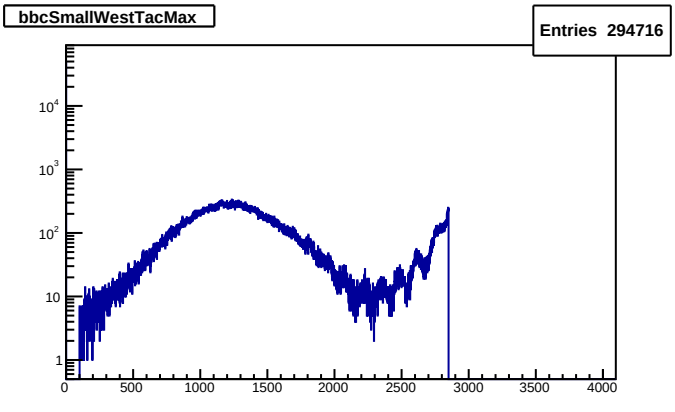
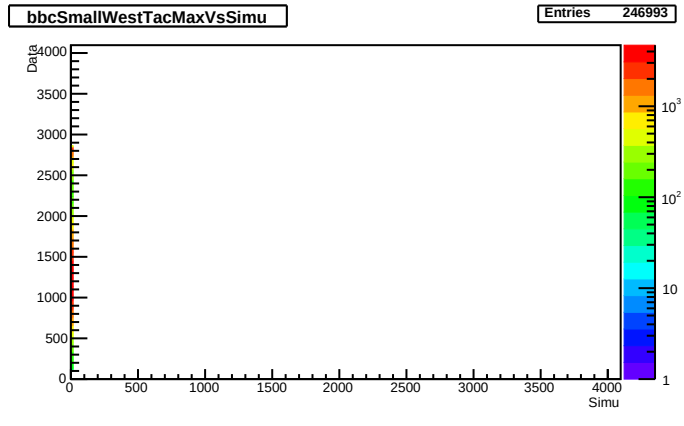
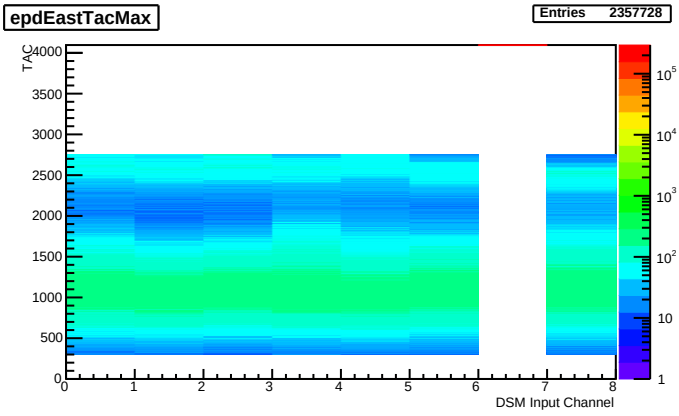
Entries 229642
Data
Simu

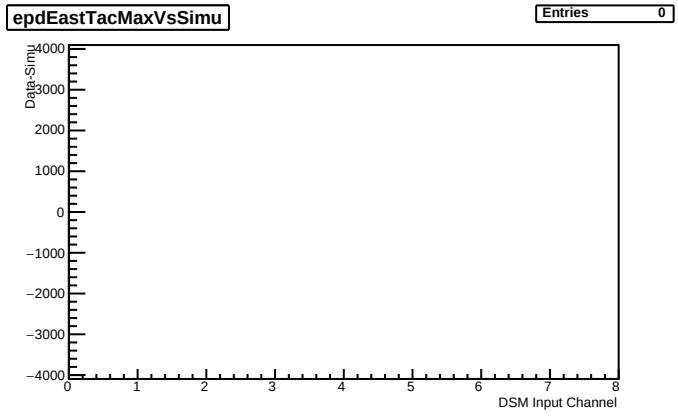

bbcSmallWestAdcSum
Entries 294716

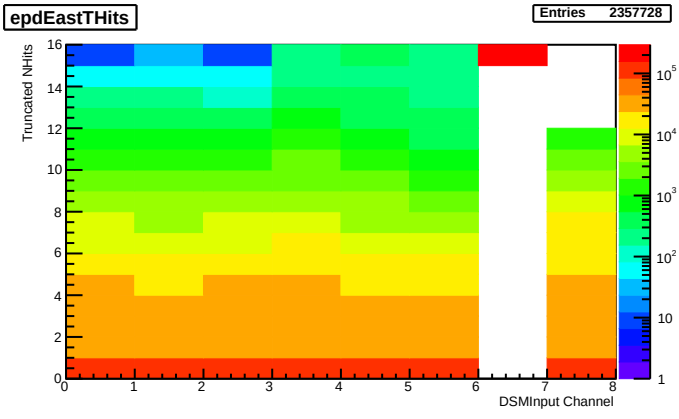

bbcSmallWestAdcSumVsSimu
Entries 246993
Data
Simu

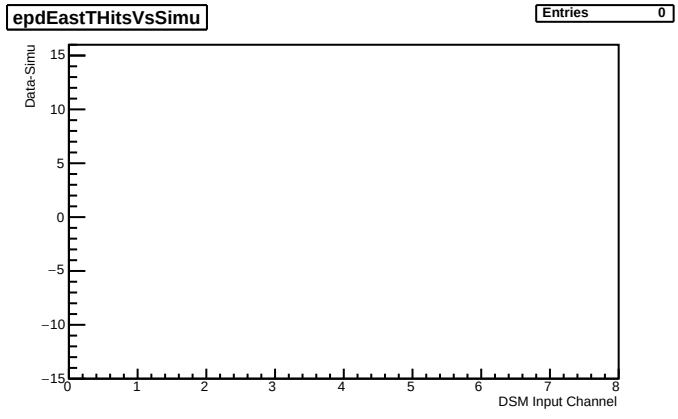

bbcSmallWestTacMax
Entries 294716

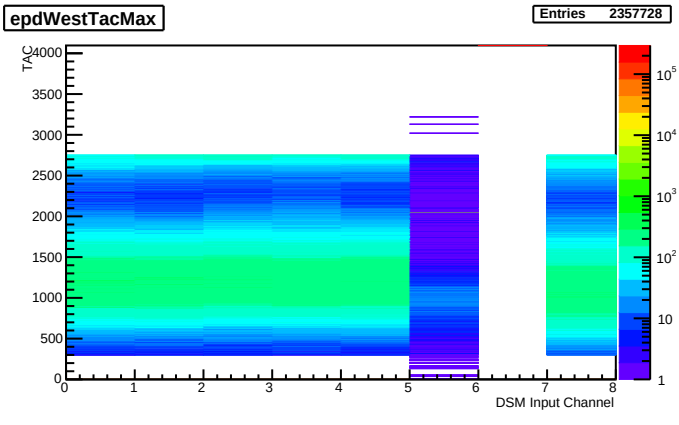

bbcSmallWestTacMaxVsSimu
Entries 246993
Data
Simu

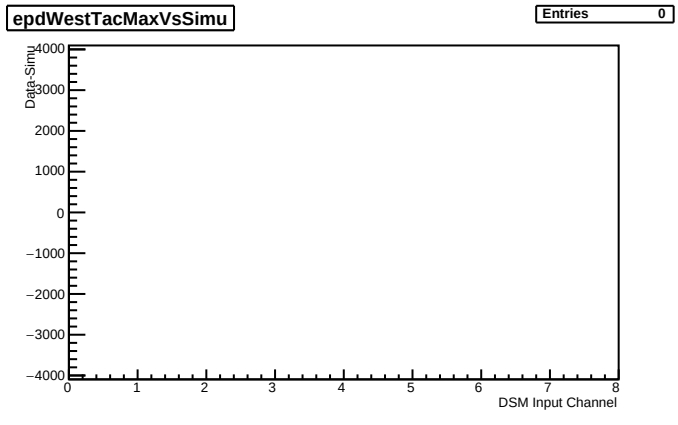

epdEastTacMax
Entries 2357728
TAC
DSM Input Channel

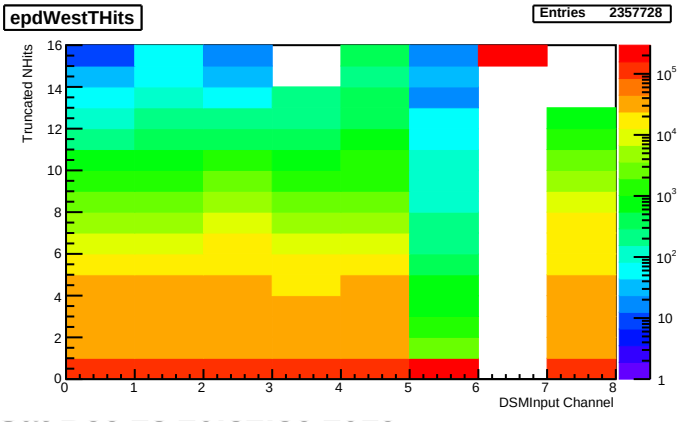

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

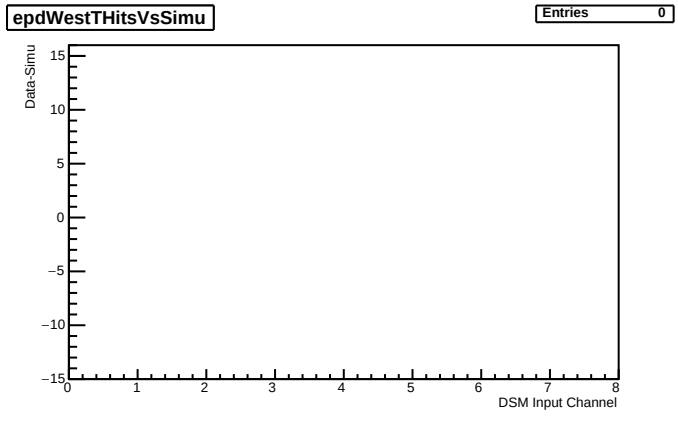

epdEastTHits
Entries 2357728
Truncated NHits
DSMInput Channel

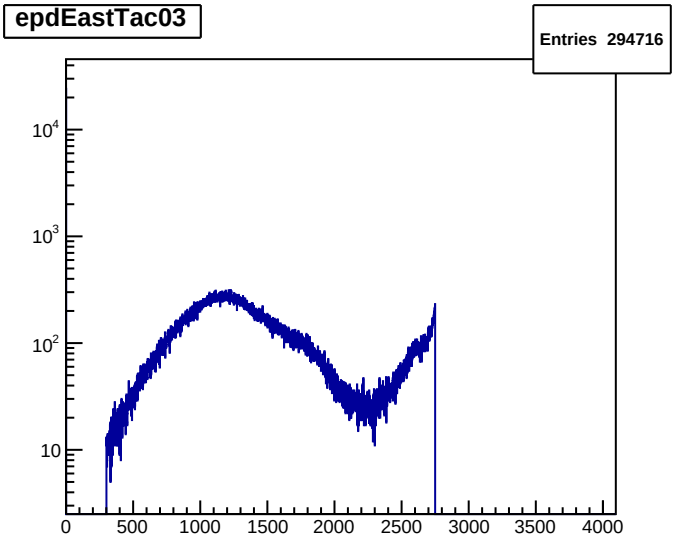

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

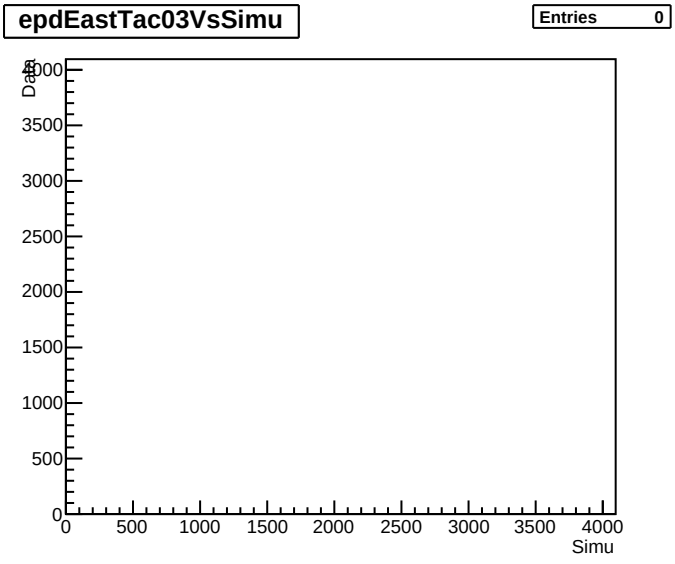

epdWestTacMax
Entries 2357728
TAC
DSM Input Channel

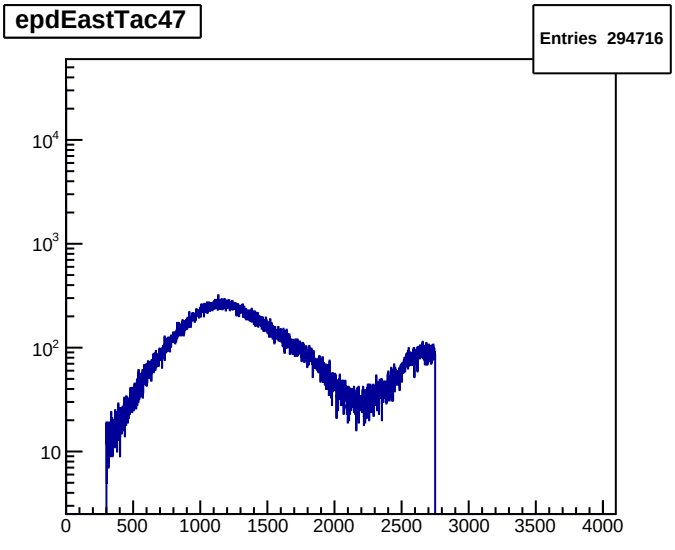

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

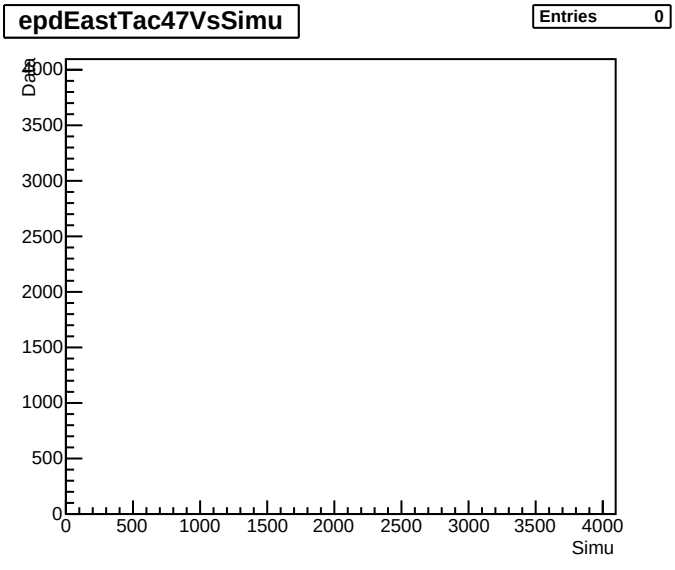

epdWestTHits
Entries 2357728
Truncated NHits
DSMInput Channel

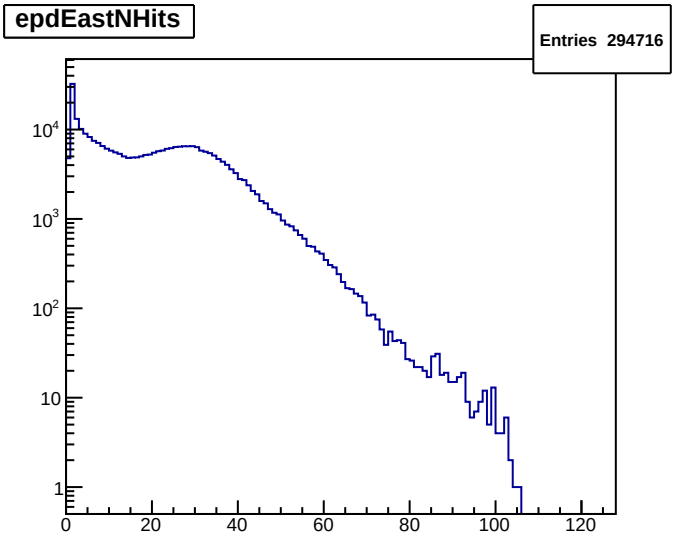

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

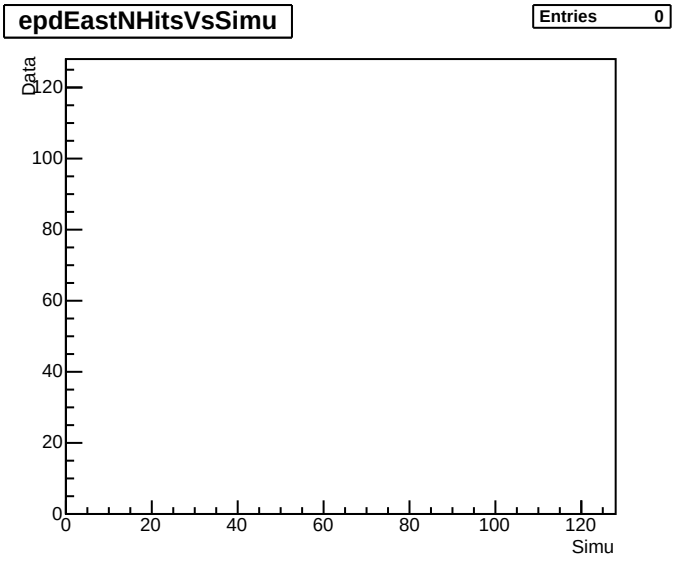

epdEastTac03
Entries 294716

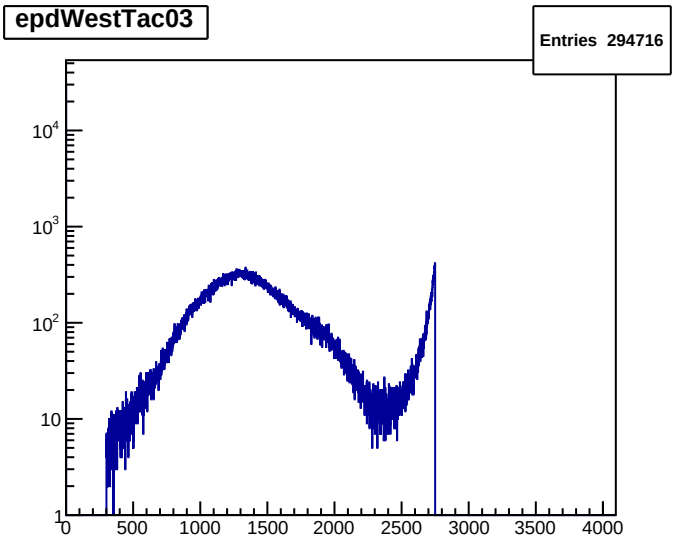

epdEastTac03VsSimu
Entries 0
Data
Simu

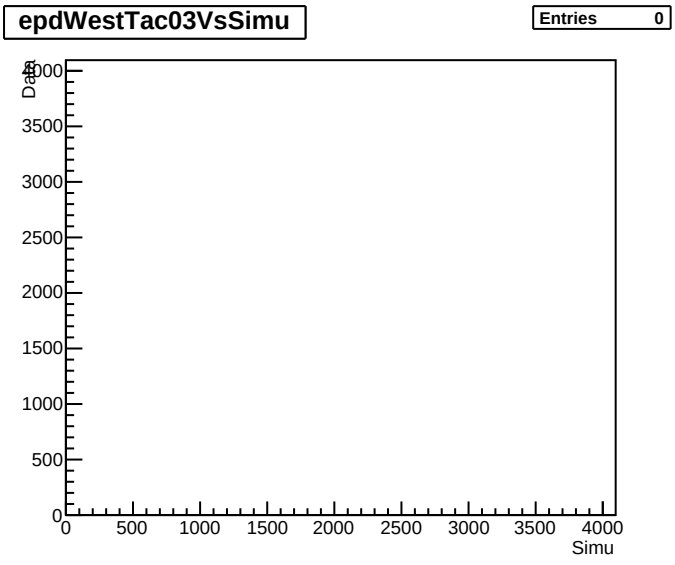

epdEastTac47
Entries 294716

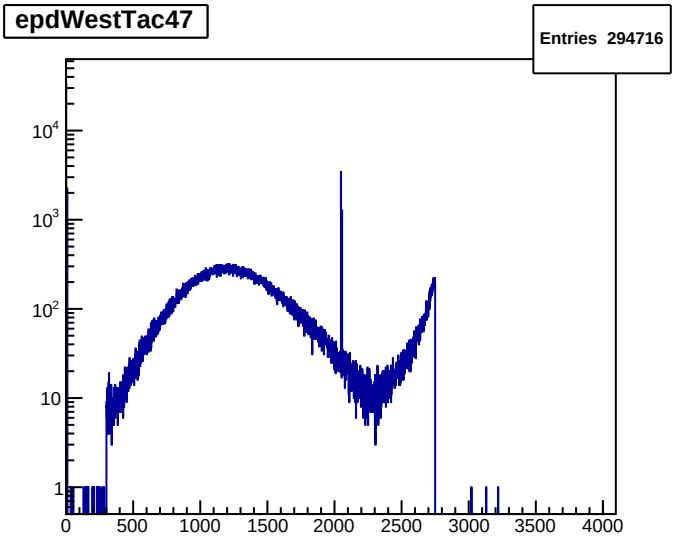

epdEastTac47VsSimu
Entries 0
Data
Simu

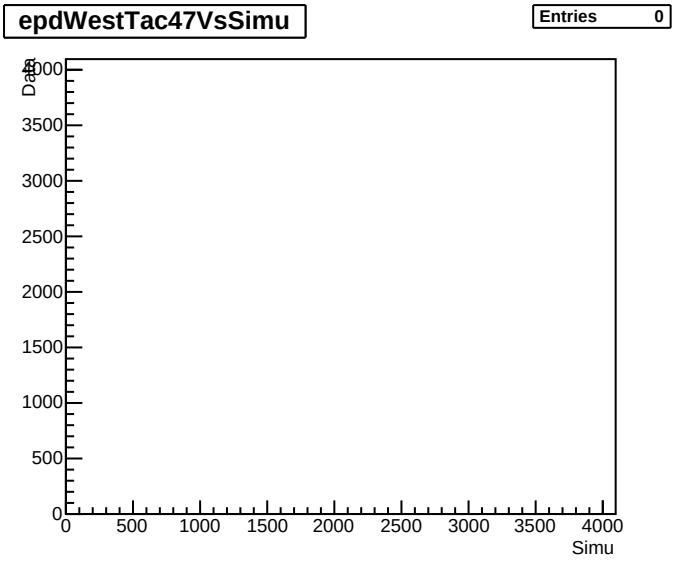

epdEastNHits
Entries 294716


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 294716


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 294716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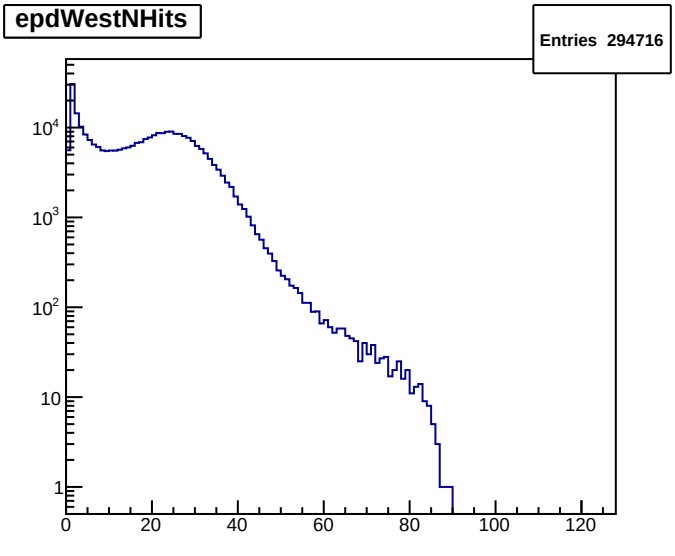
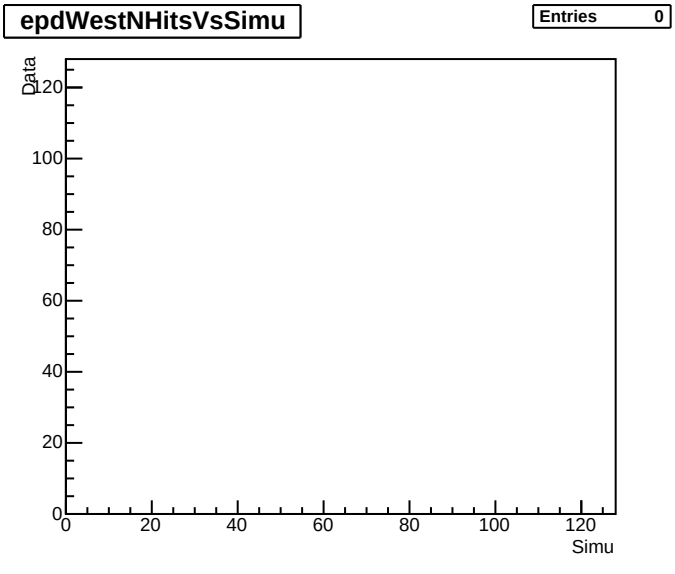
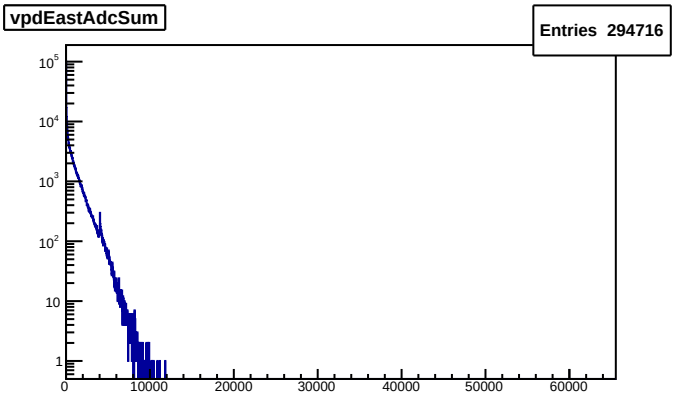
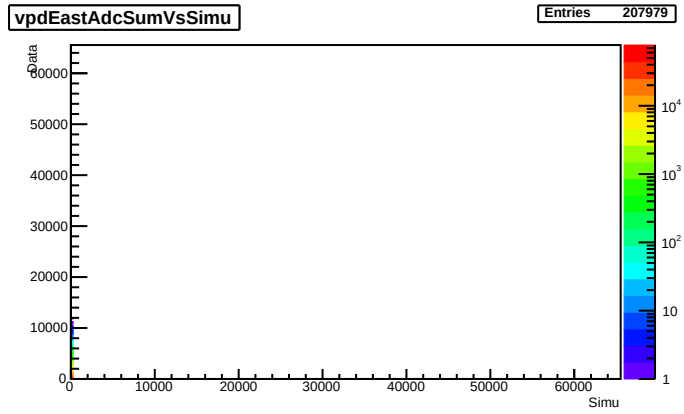
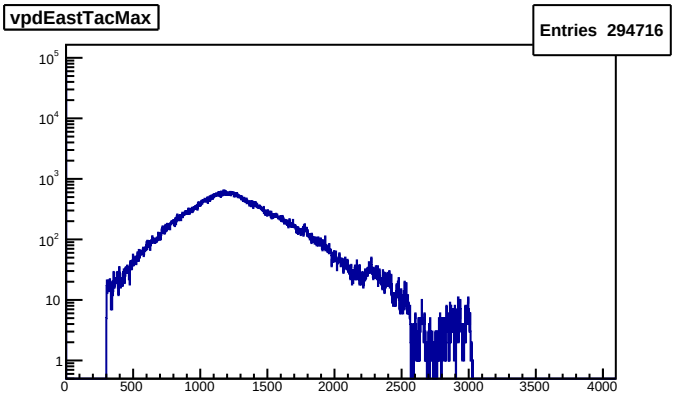
Entries 0
Data
Simu

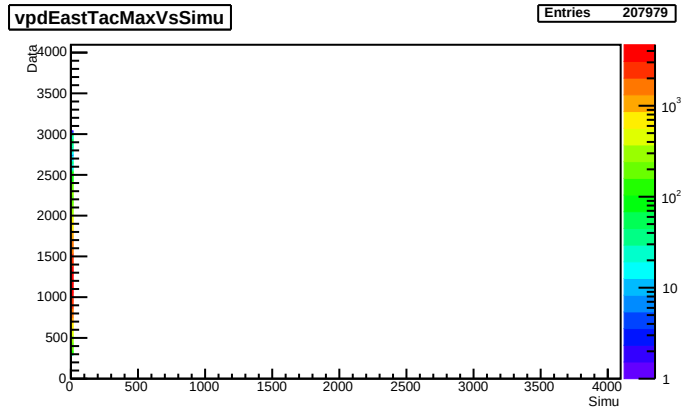

epdWestNHits
Entries 294716

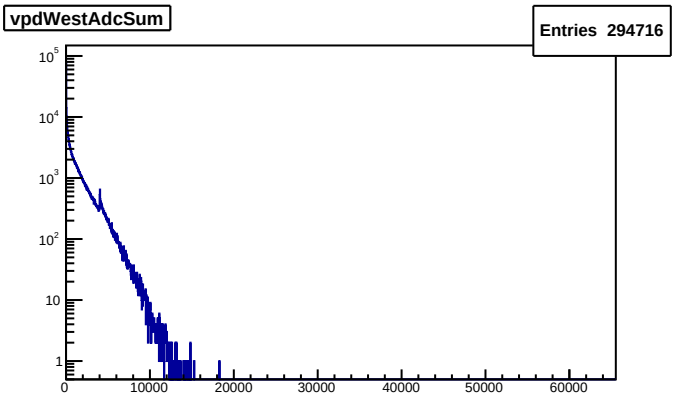

epdWestNHitsVsSimu
Entries 0
Data
Simu

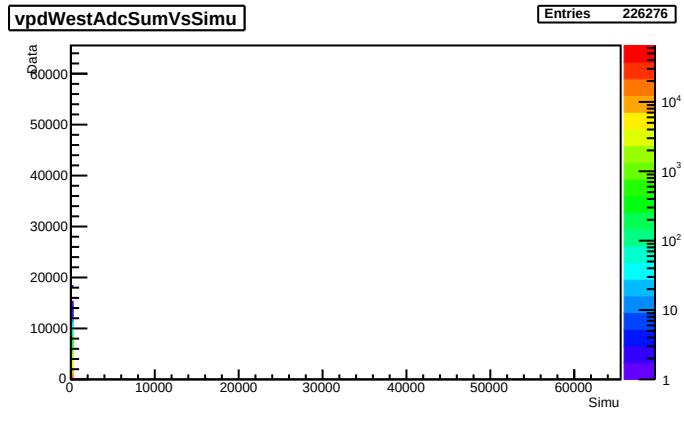

vpdEastAdcSum
Entries 294716

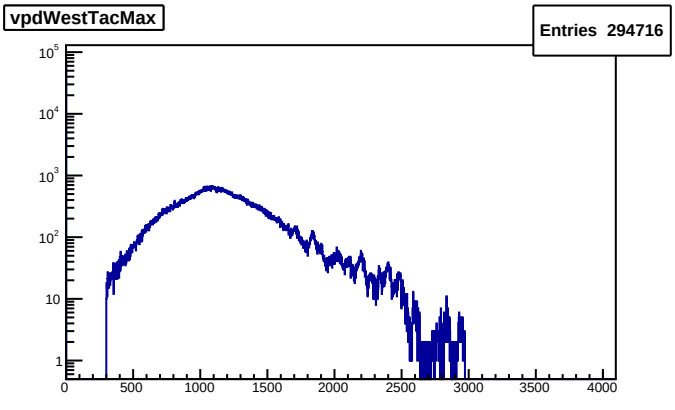

vpdEastAdcSumVsSimu
Entries 207979
Data
Simu

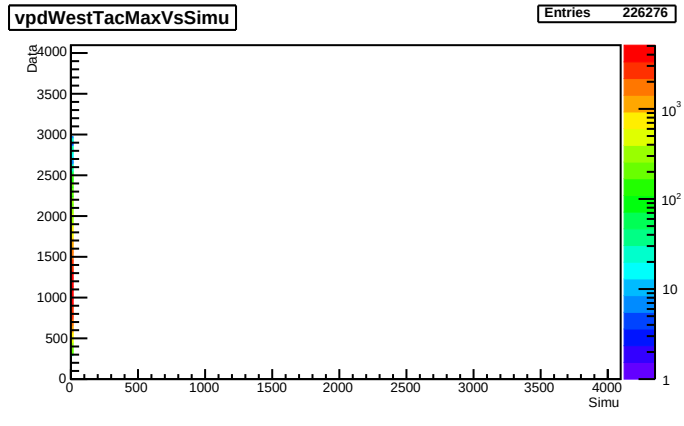

vpdEastTacMax
Entries 294716

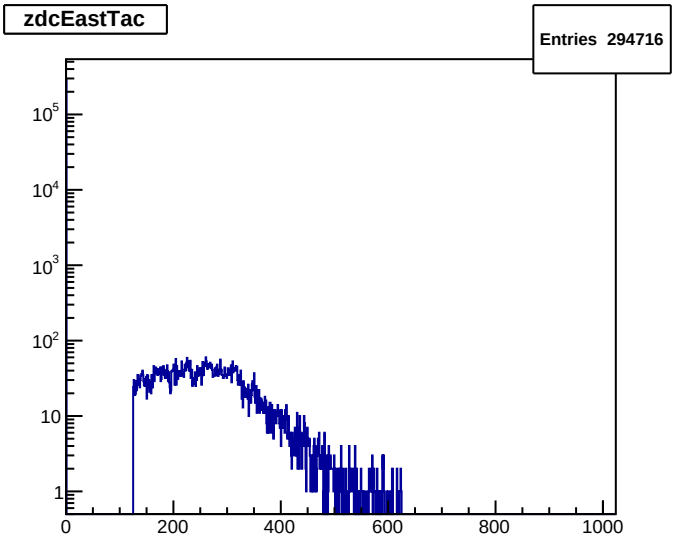

vpdEastTacMaxVsSimu
Entries 207979
Data
Simu

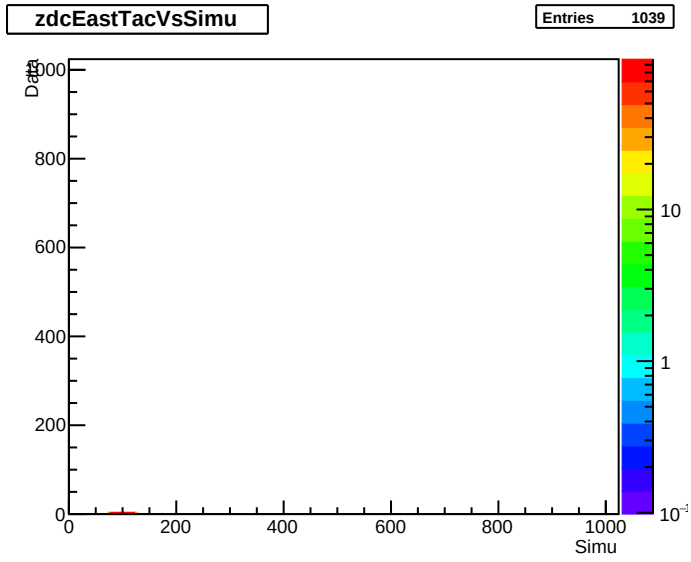

vpdWestAdcSum
Entries 294716

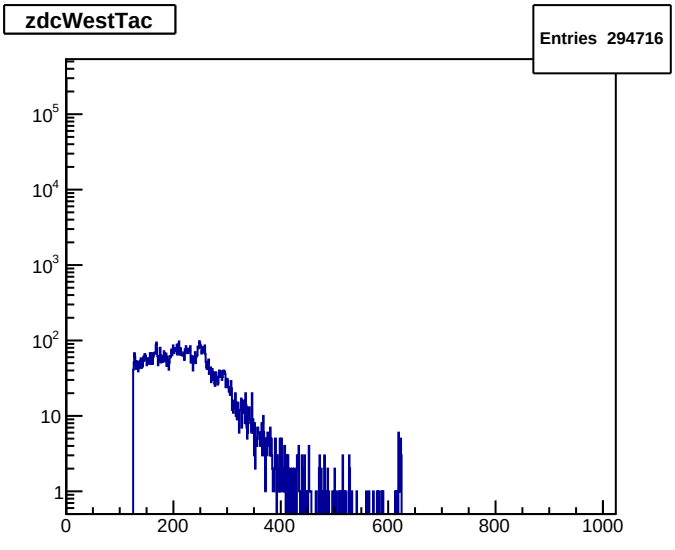

vpdWestAdcSumVsSimu
Entries 226276
Data
Simu

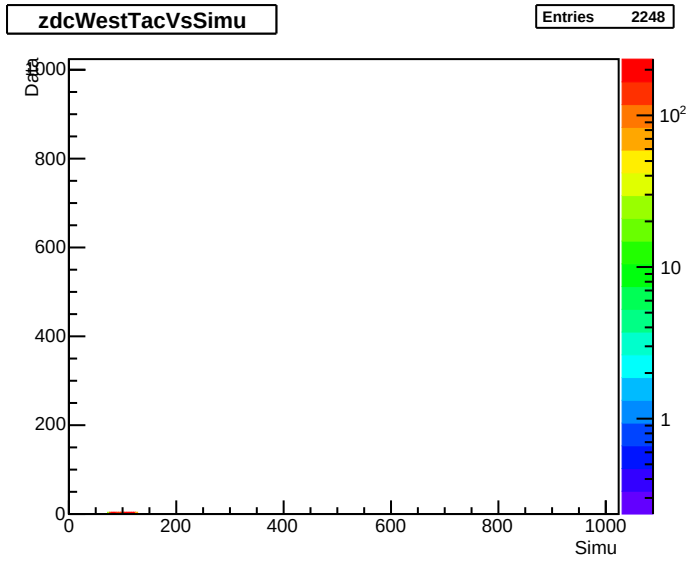

vpdWestTacMax
Entries 294716

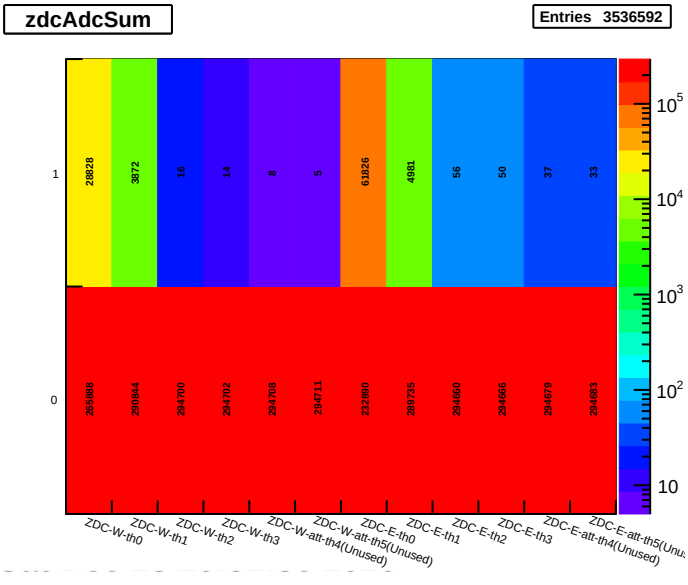

vpdWestTacMaxVsSimu
Entries 226276
Data
Simu

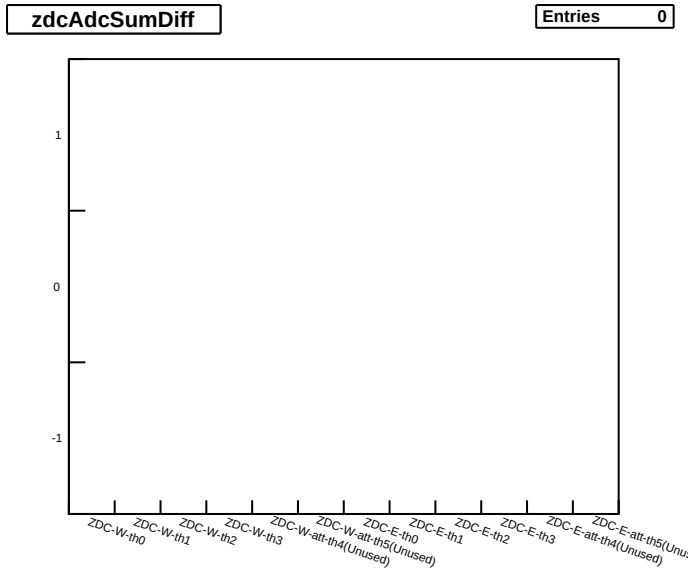

zdcEastTac
Entries 294716

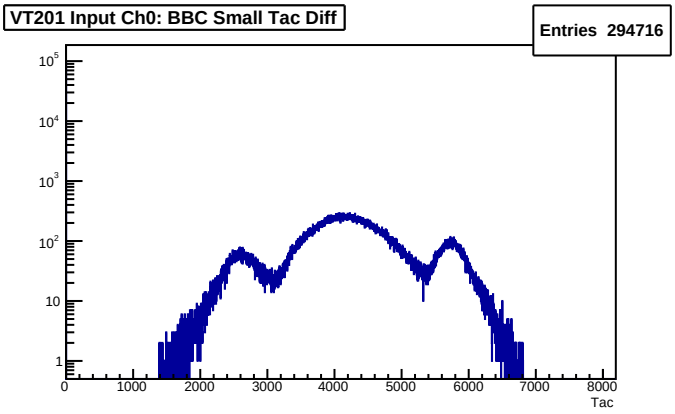

zdcEastTacVsSimu
Entries 1039
Data
Simu

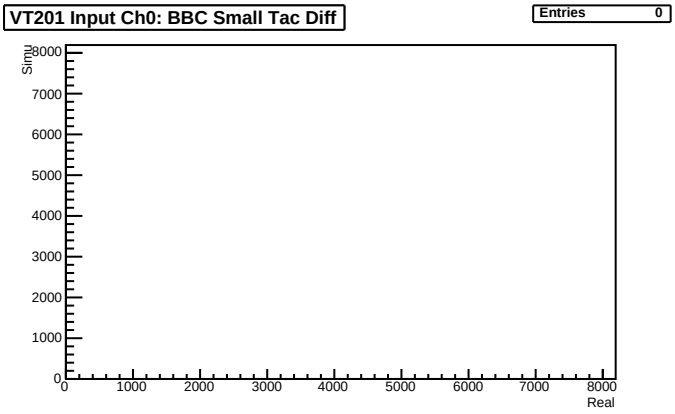

zdcWestTac
Entries 294716

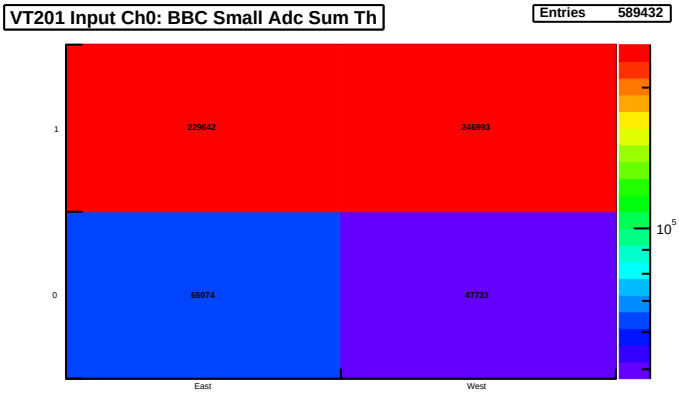

zdcWestTacVsSimu
Entries 2248
Data
Simu

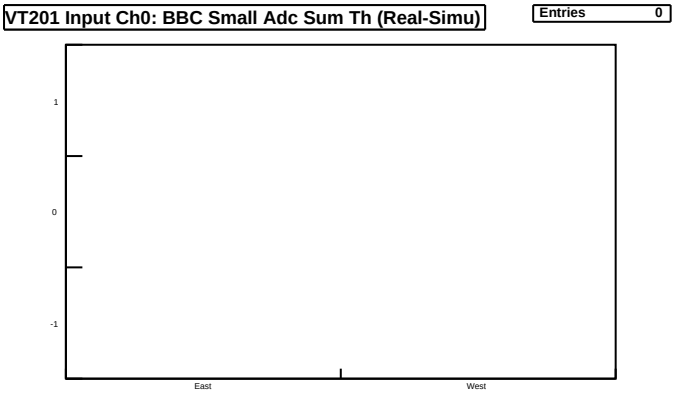

zdcAdcSum
Entries 3536592
28828
3872
16
14
8
5
61826
4981
56
50
37
33
265888
290844
294700
294702
294708
294711
232890
289735
294660
294666
294670
294683
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

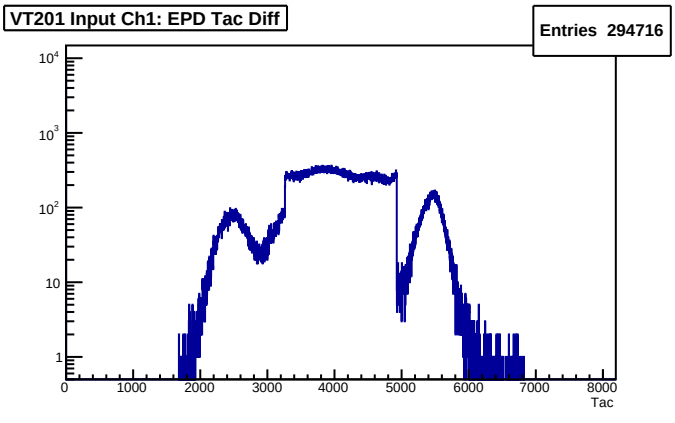

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

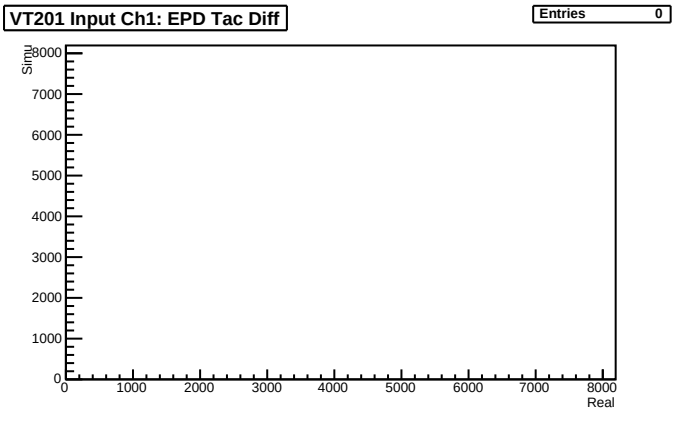

VT201 Input Ch0: BBC Small Tac Diff
Entries 294716
Tac

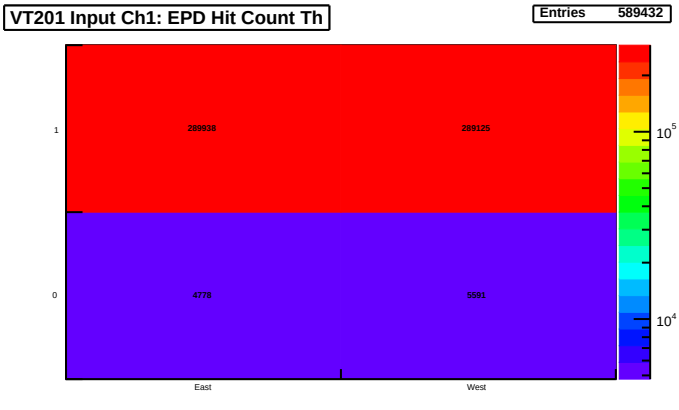

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

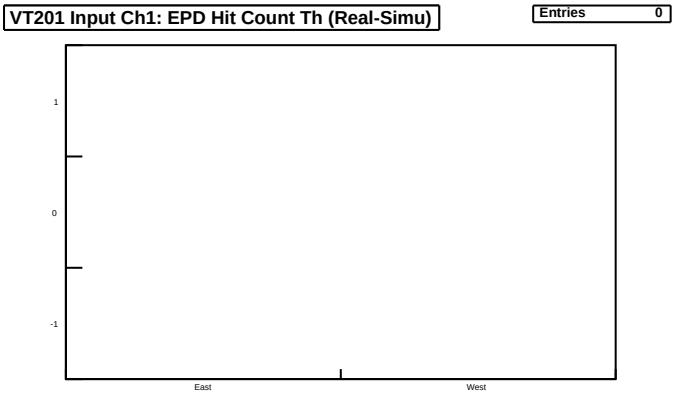

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 589432
229642
246993
65074
47723
East
West

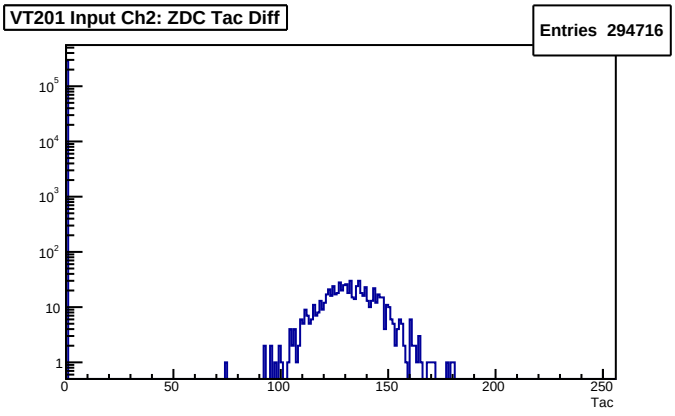

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

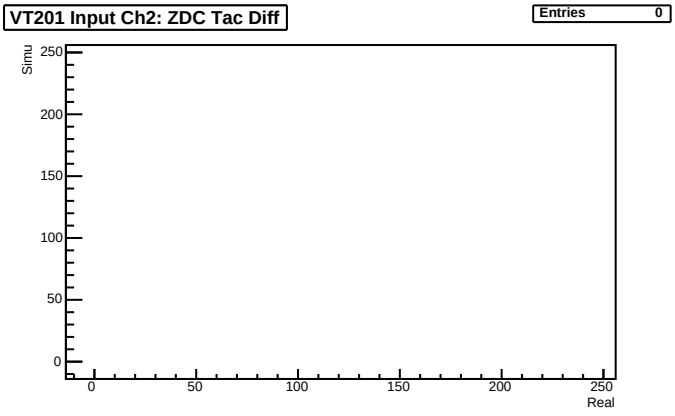

VT201 Input Ch1: EPD Tac Diff
Entries 294716
Tac

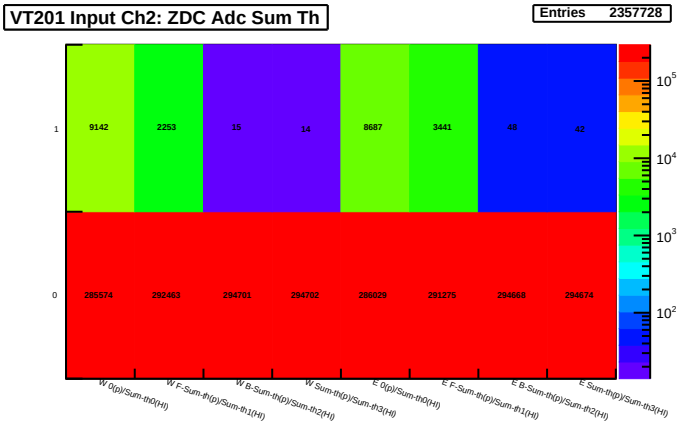

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

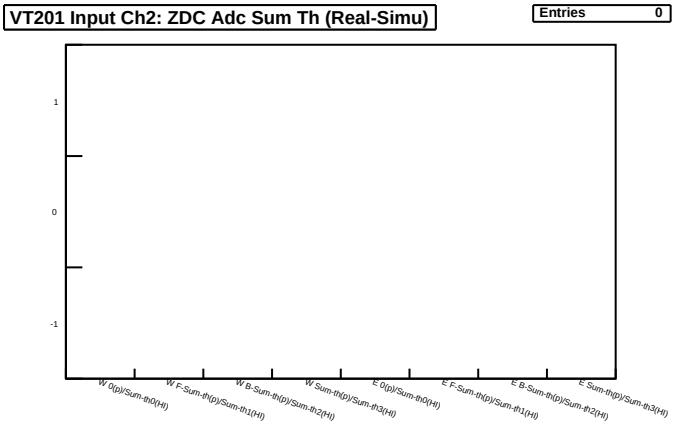

VT201 Input Ch1: EPD Hit Count Th
Entries 589432
289938
289125
4778
5591
East
West

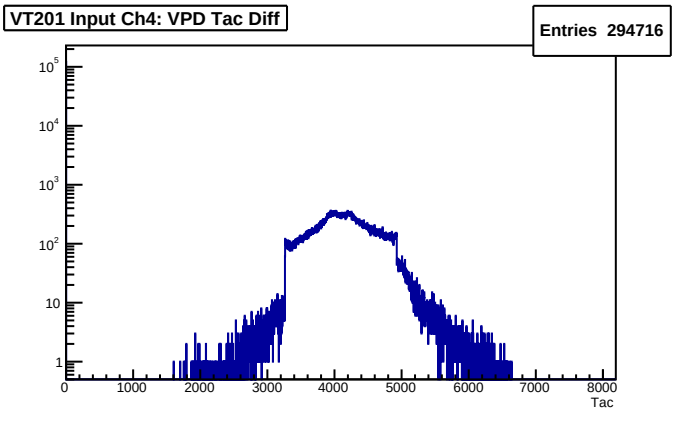

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

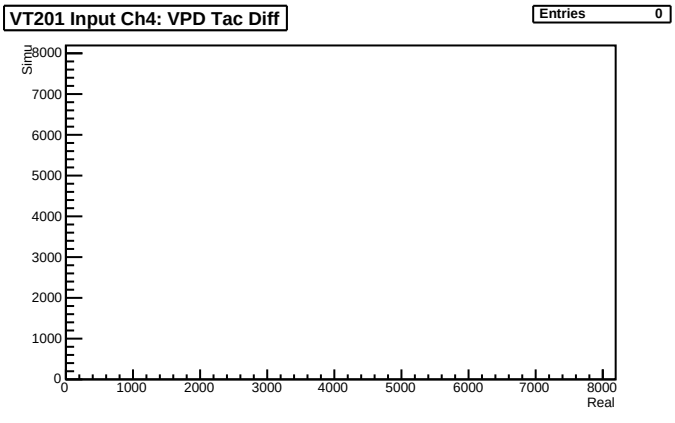

VT201 Input Ch2: ZDC Tac Diff
Entries 294716
Tac

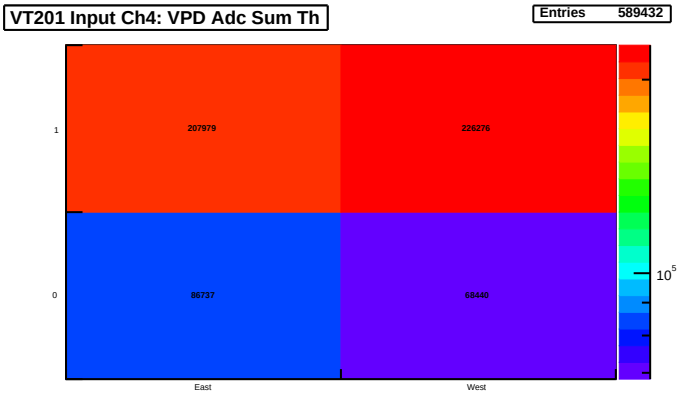

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

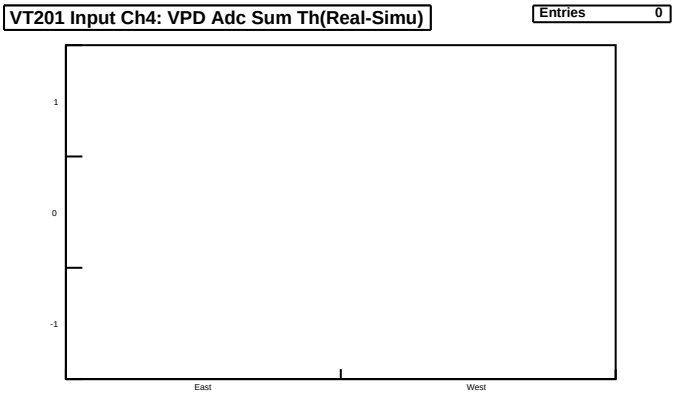

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2357728
9142
2253
15
14
8687
3441
48
42
285574
292463
294701
294702
286029
291275
294668
294674
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

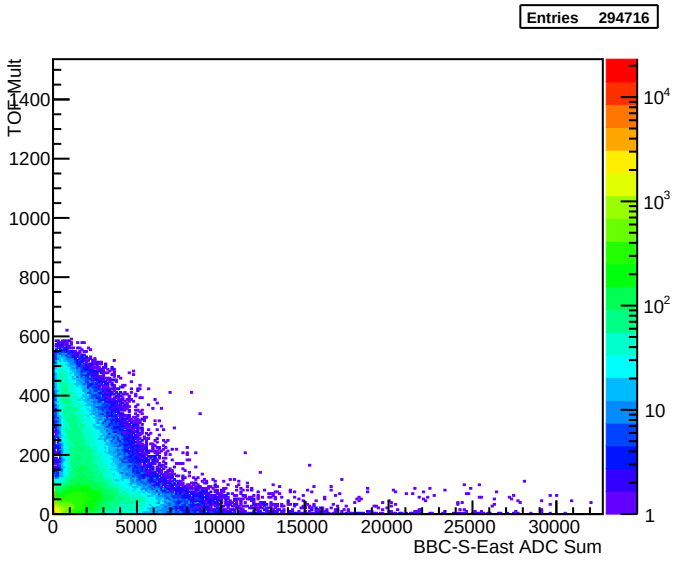

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

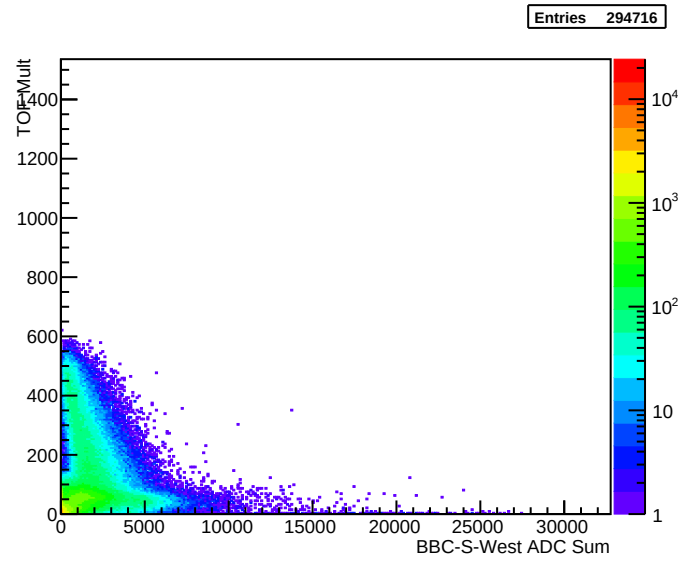

VT201 Input Ch4: VPD Tac Diff
Entries 294716
Tac

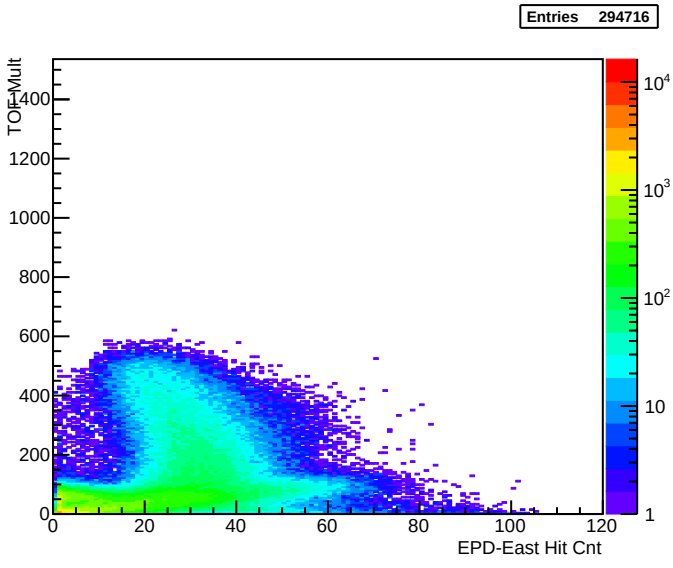

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

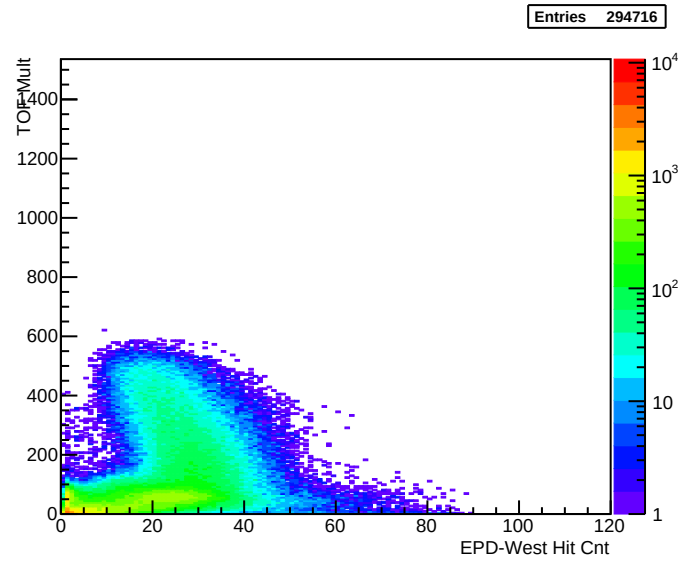

VT201 Input Ch4: VPD Adc Sum Th
Entries 589432
207979
226276
86737
68440
East
West

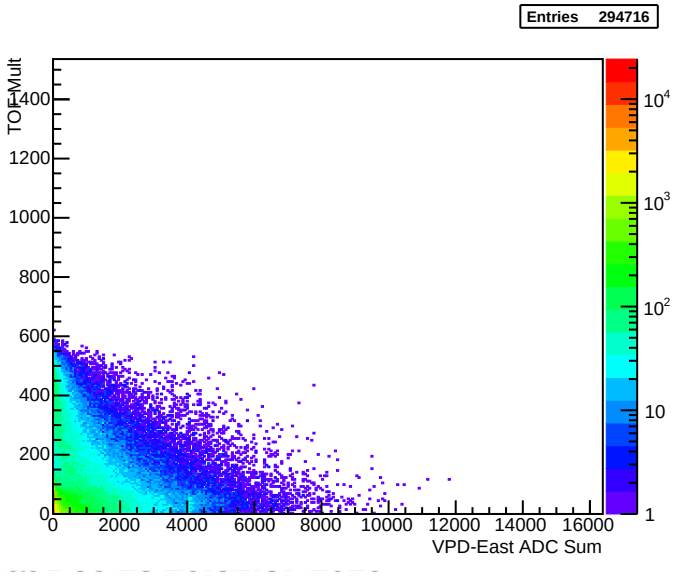

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

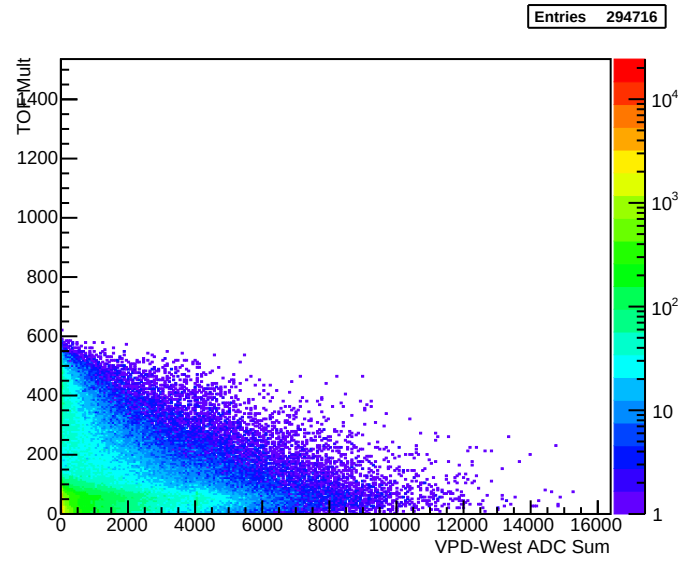

Entries 294716
TOF-Mult
BBC-S-East ADC Sum

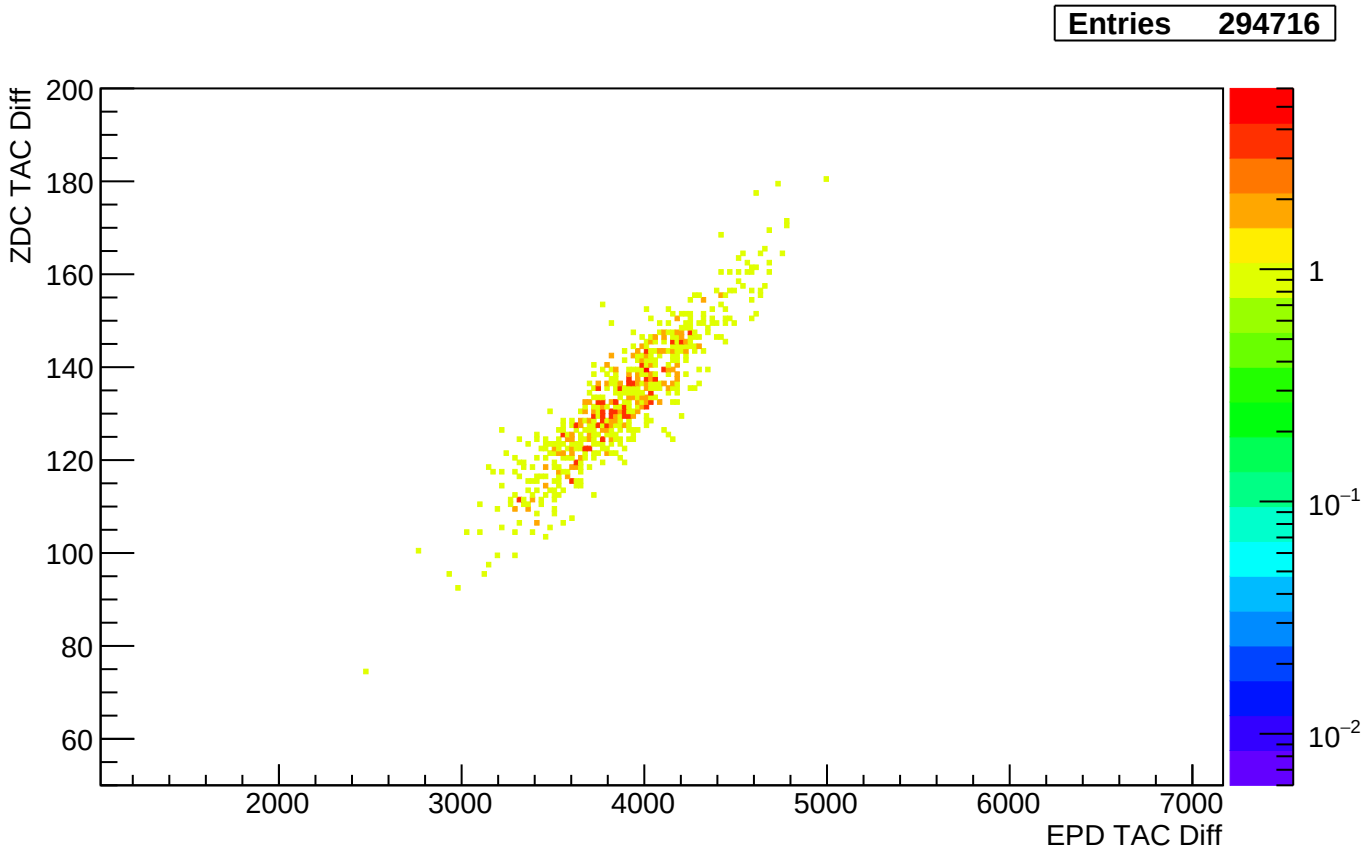

Entries 294716
TOF-Mult
BBC-S-West ADC Sum

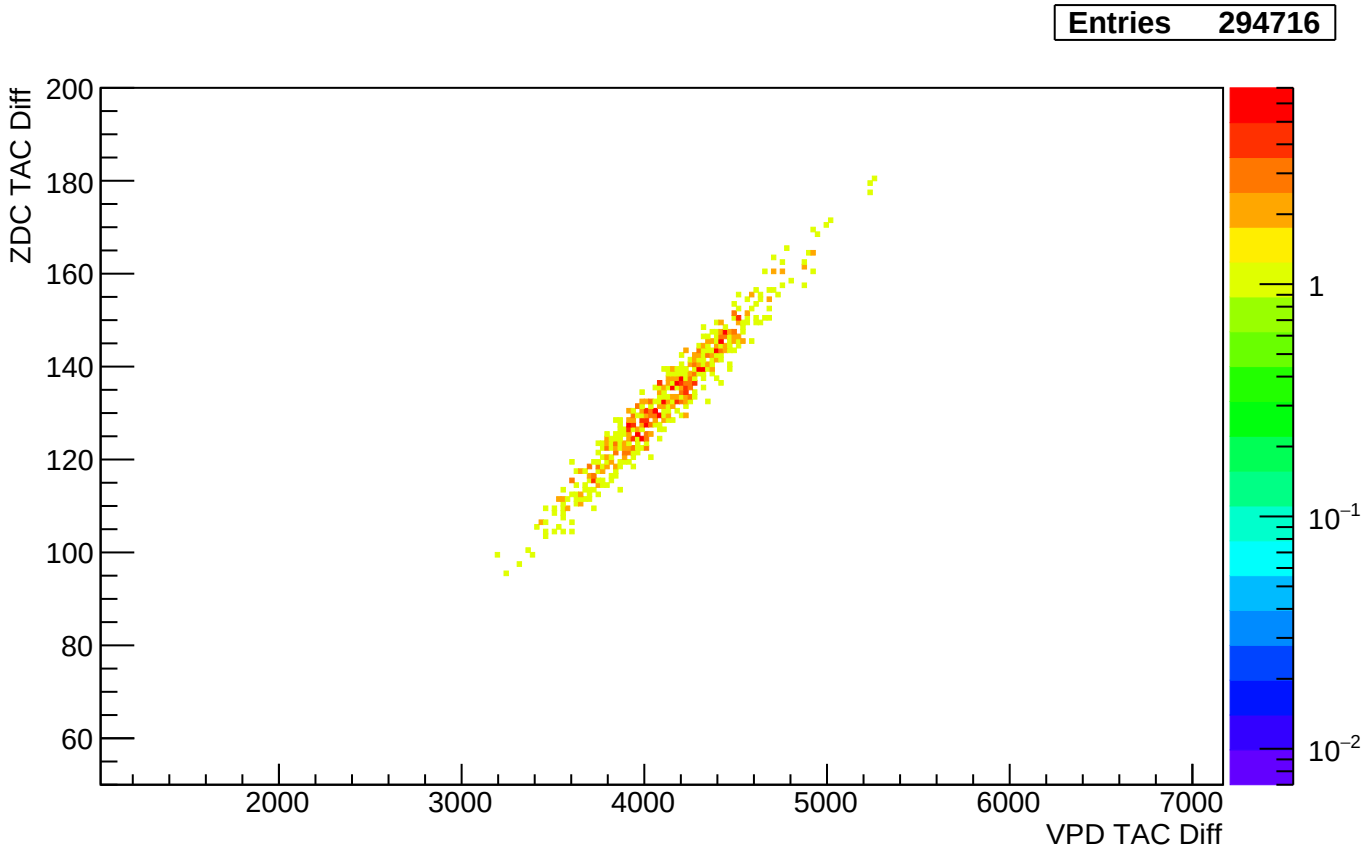

Entries 294716
TOF-Mult
EPD-East Hit Cnt

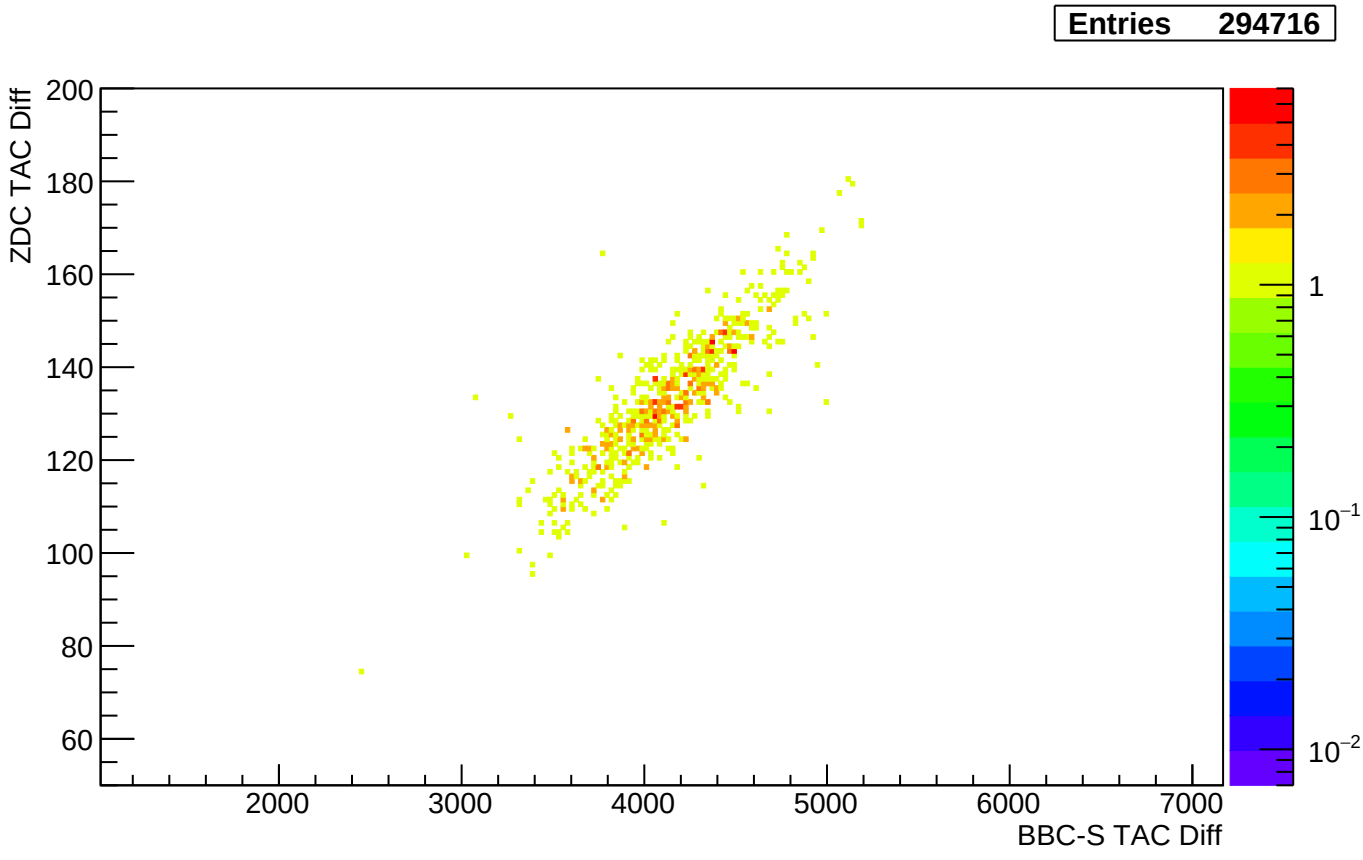

Entries 294716
TOF-Mult
EPD-West Hit Cnt

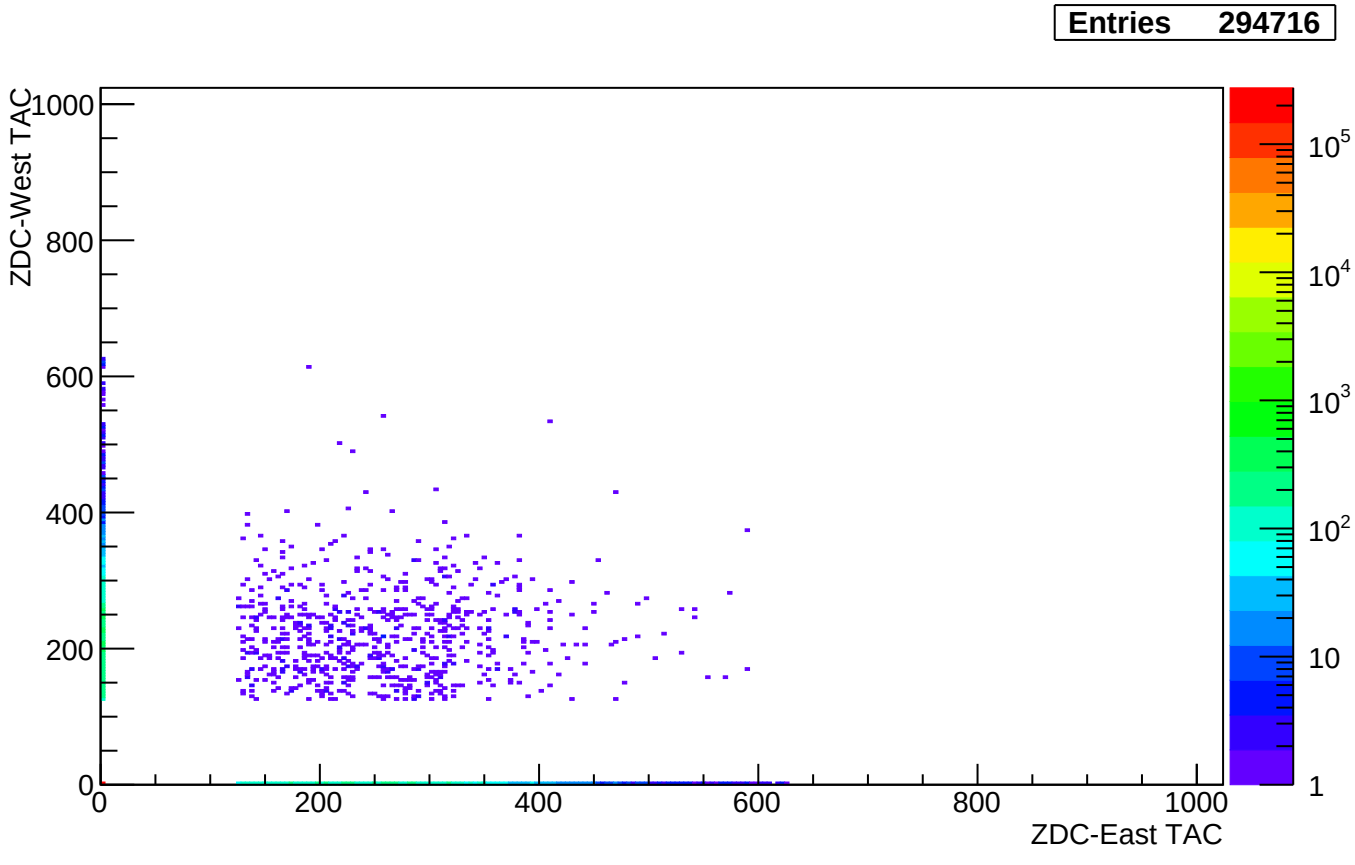

Entries 294716
TOF-Mult
VPD-East ADC Sum

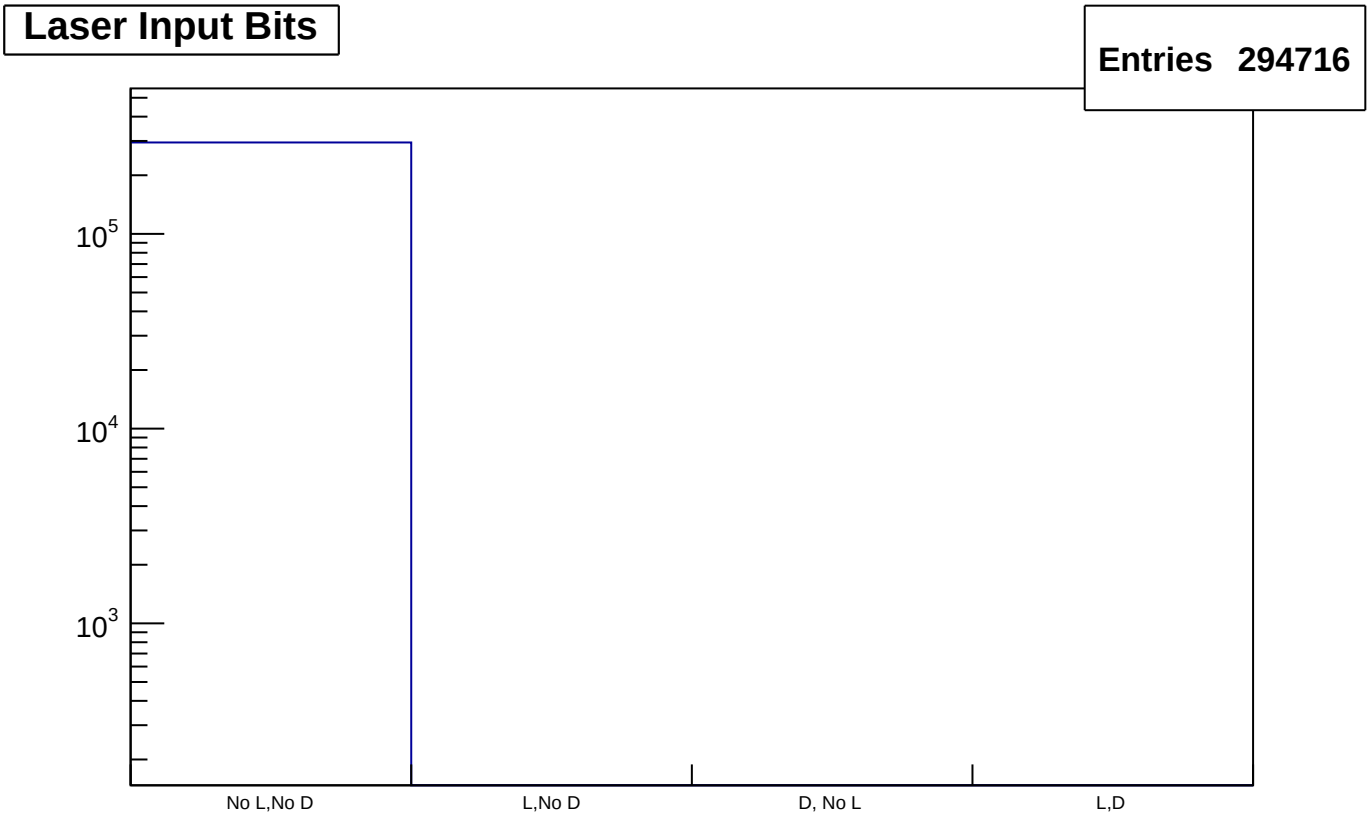

Entries 294716
TOF-Mult
VPD-West ADC Sum

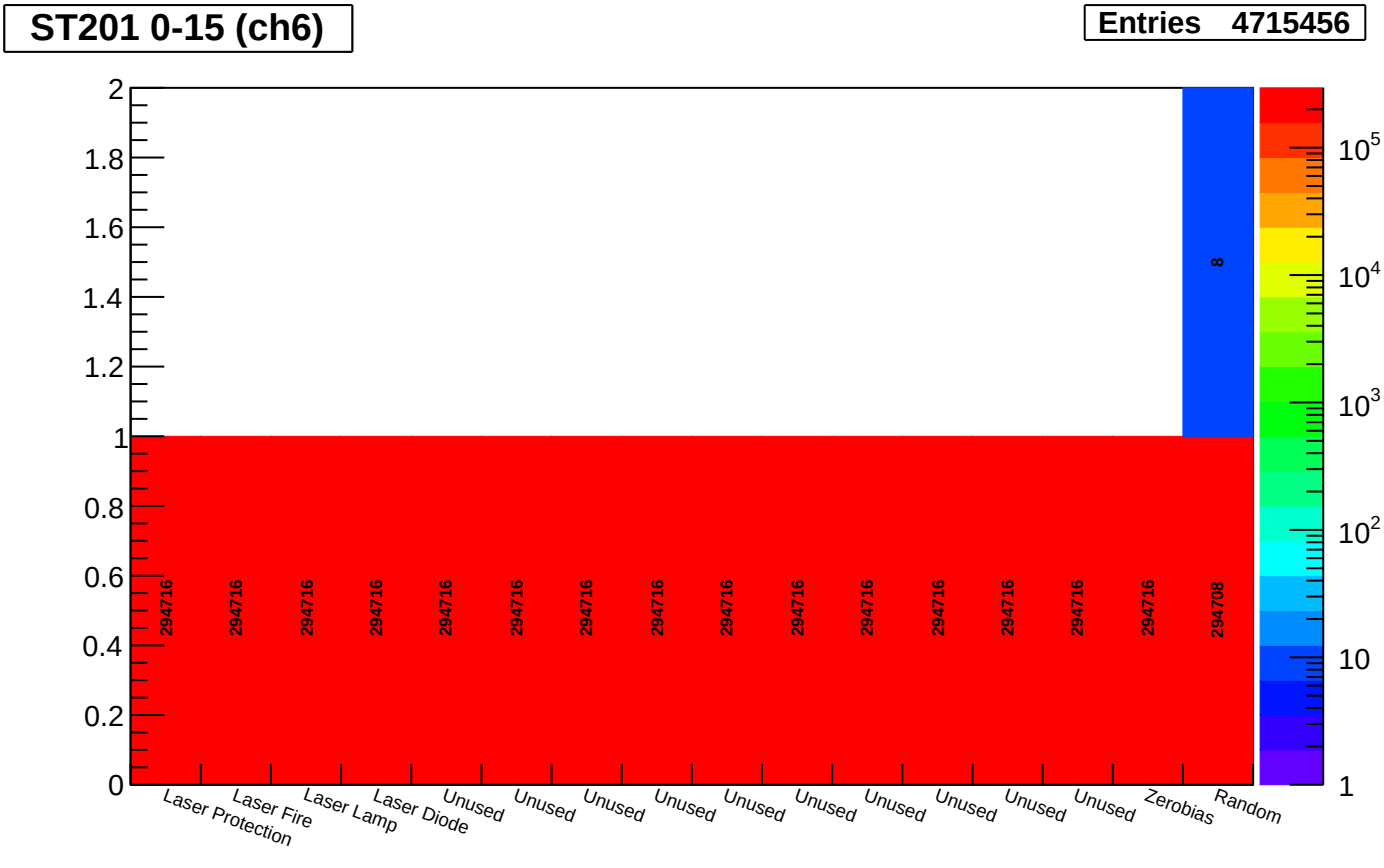

Entries 294716
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

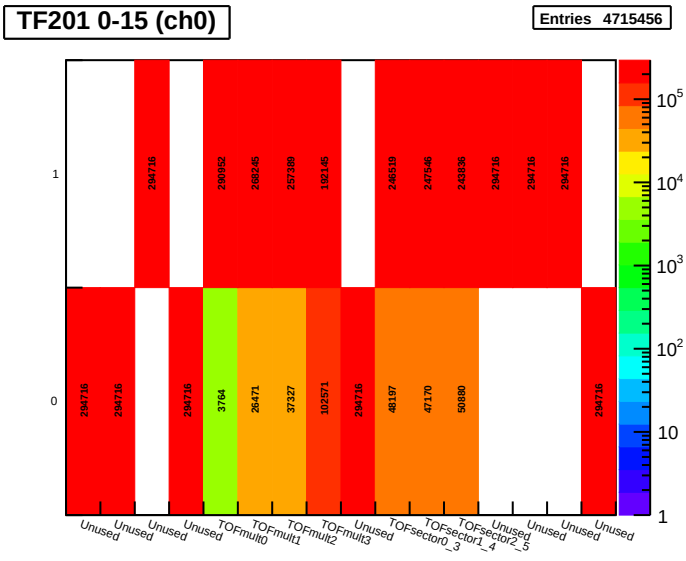

Entries 294716
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

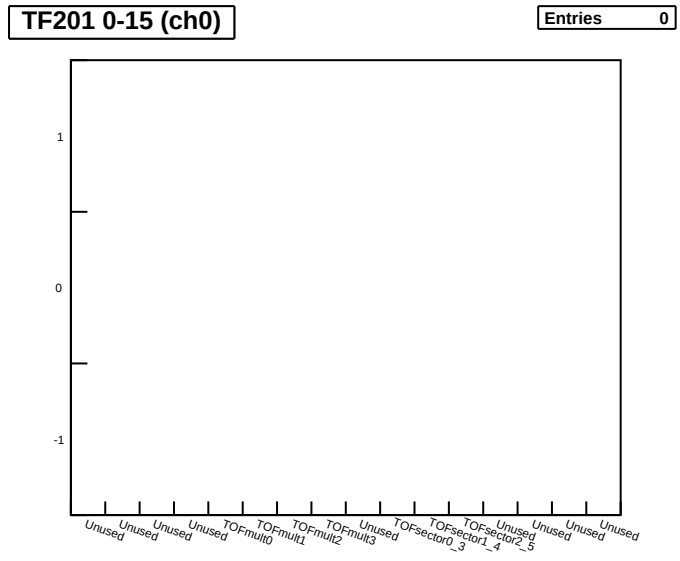

Entries 294716
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

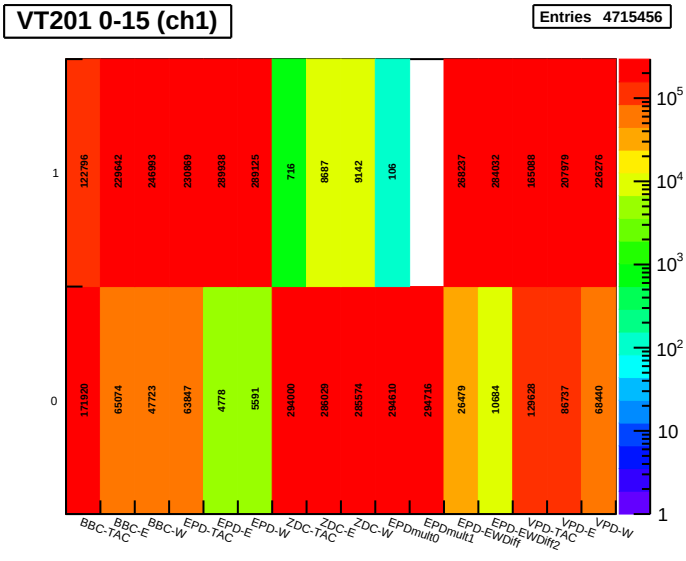

Entries 294716
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

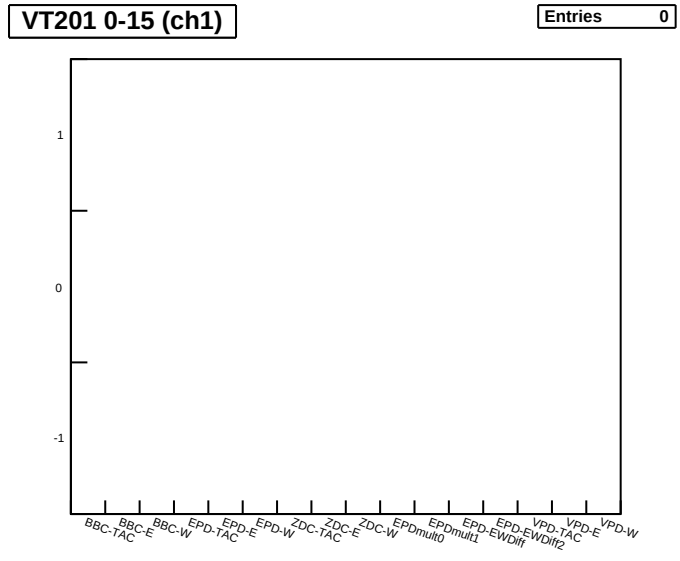

Laser Input Bits
Entries 294716
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

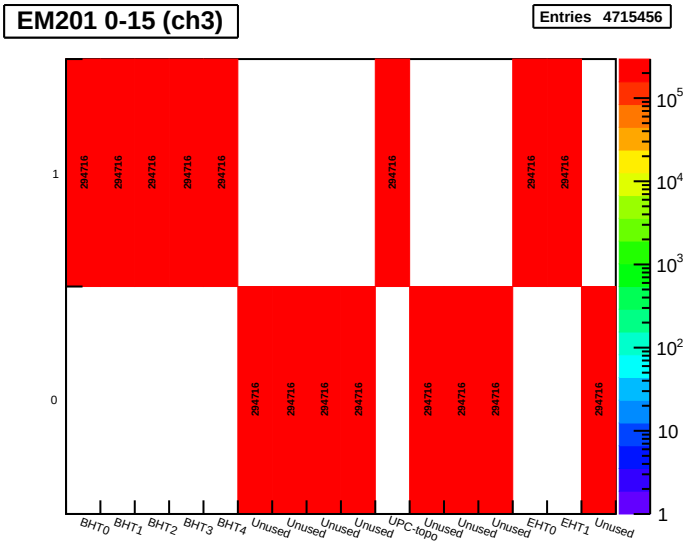

ST201 0-15 (ch6)
Entries 4715456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294716
294708
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

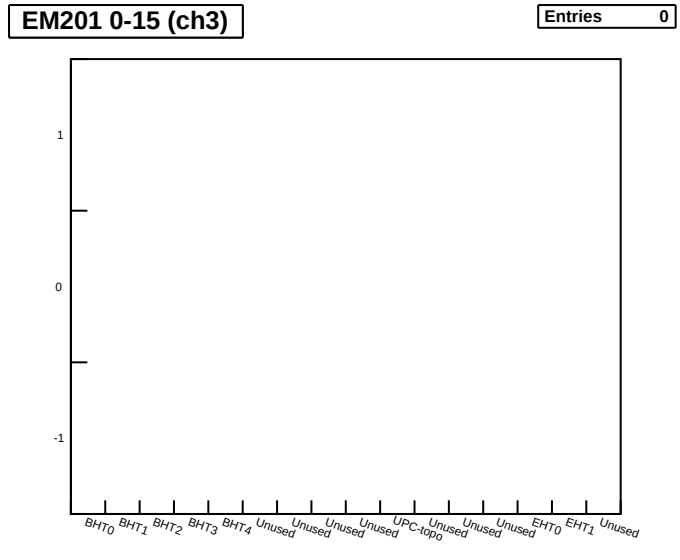

TF201 0-15 (ch0)
Entries 4715456
1
0
294716 294716 294716 3764 26471 37327 102571 294716 48197 47170 50880 294716
294716 280952 268245 257389 192145 246519 247546 243856 294716 294716 294716
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 4715456
1
0
122796 229642 246993 230869 289938 289125 715 8687 9142 106 268237 284032 165068 207979 226276
171920 65074 47723 63847 4778 5591 294000 288029 285574 294610 294716 26479 10684 129628 86737 68440
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 4715456
1
0
294716 294716 294716 294716 294716 294716 294716 294716
294716 294716 294716 294716 294716 294716 294716 294716
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