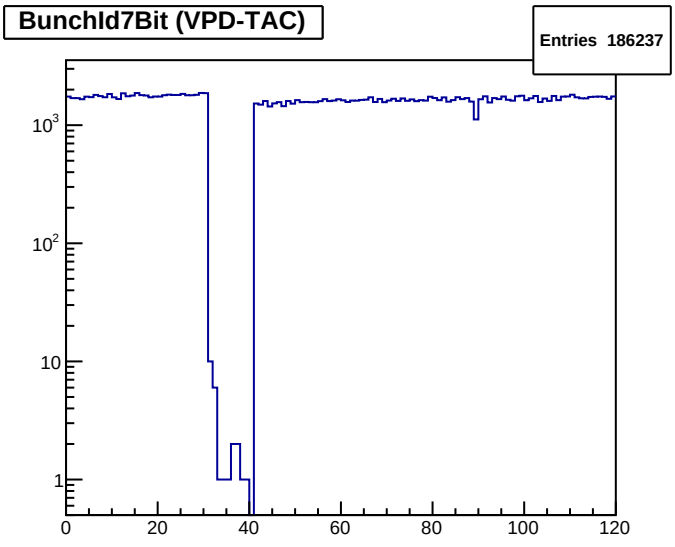
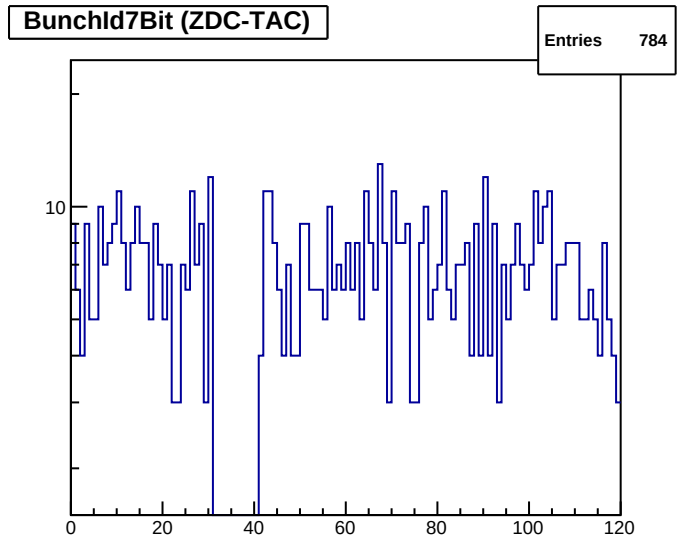
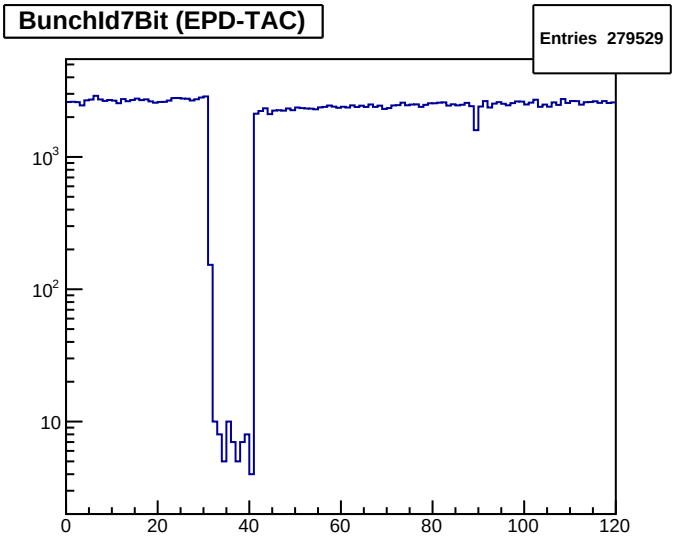
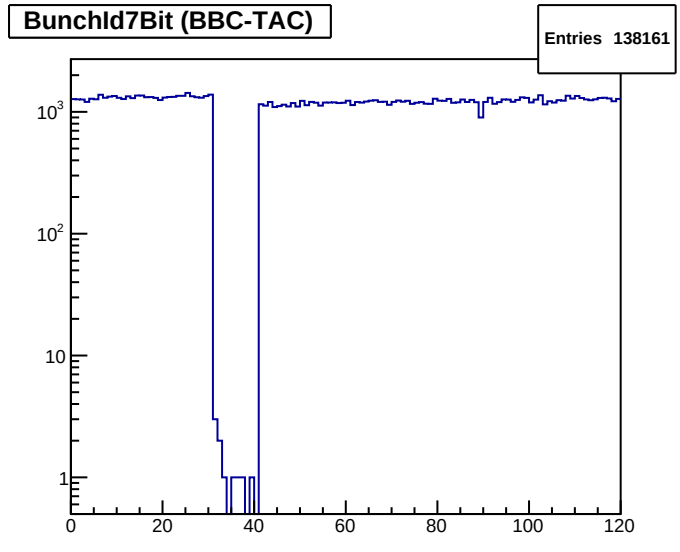
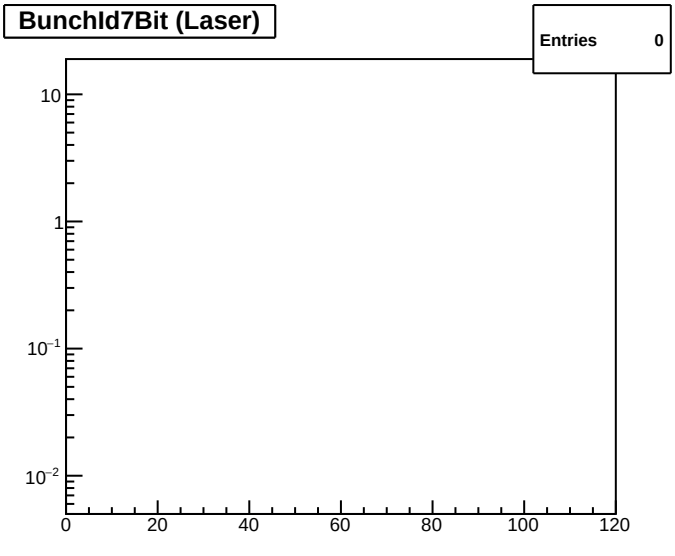
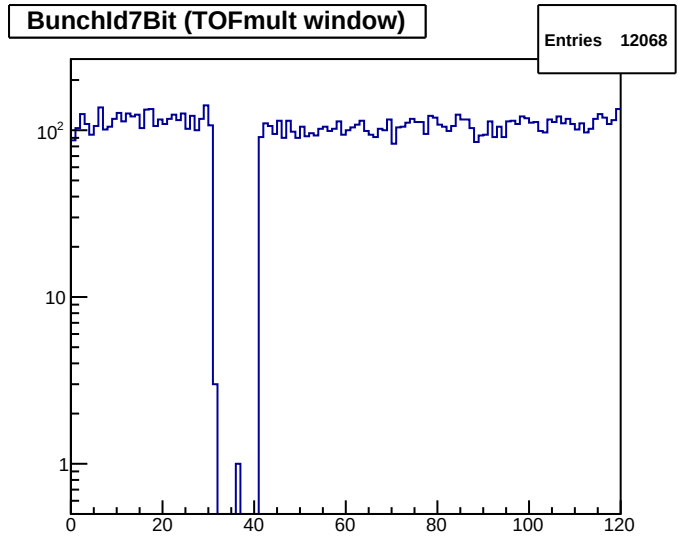

BunchId7Bit (VPD-TAC)
Entries 186237

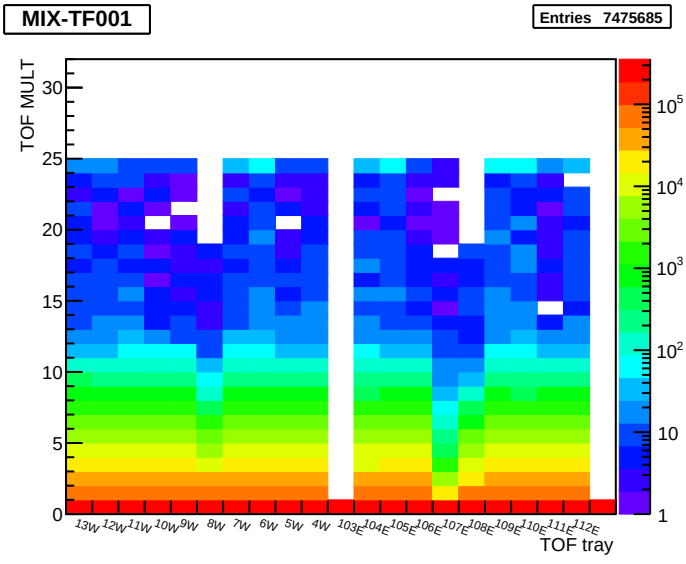

BunchId7Bit (ZDC-TAC)
Entries 784

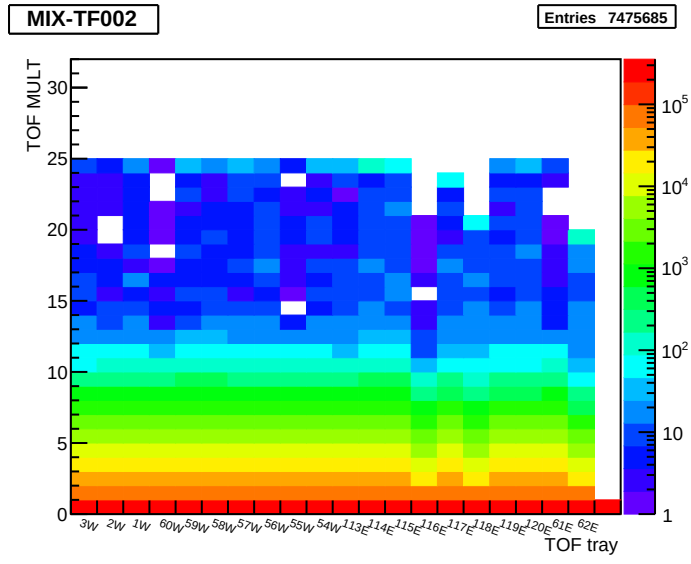

BunchId7Bit (EPD-TAC)
Entries 279529

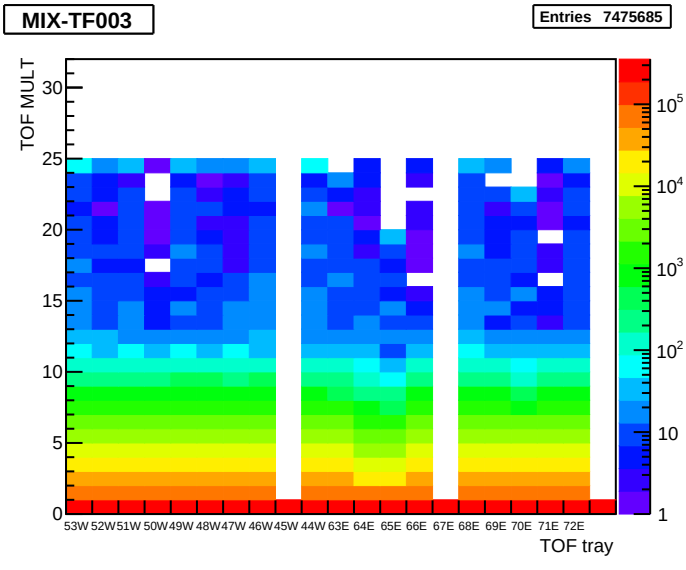

BunchId7Bit (BBC-TAC)
Entries 138161

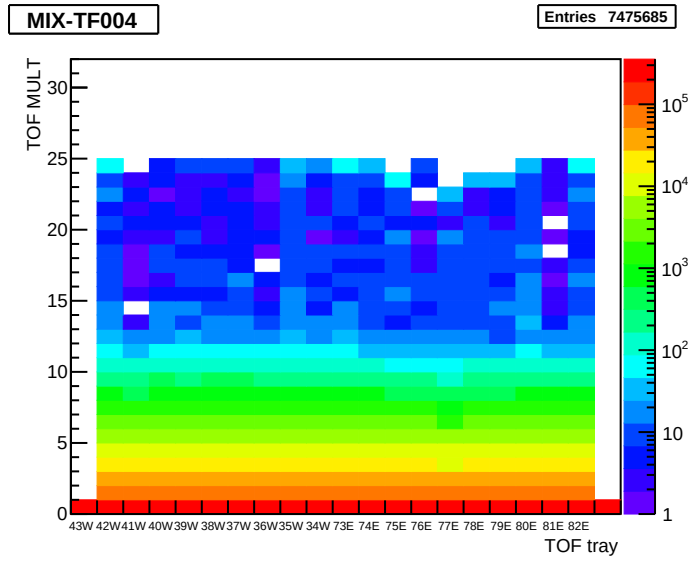

BunchId7Bit (Laser)
Entries 0

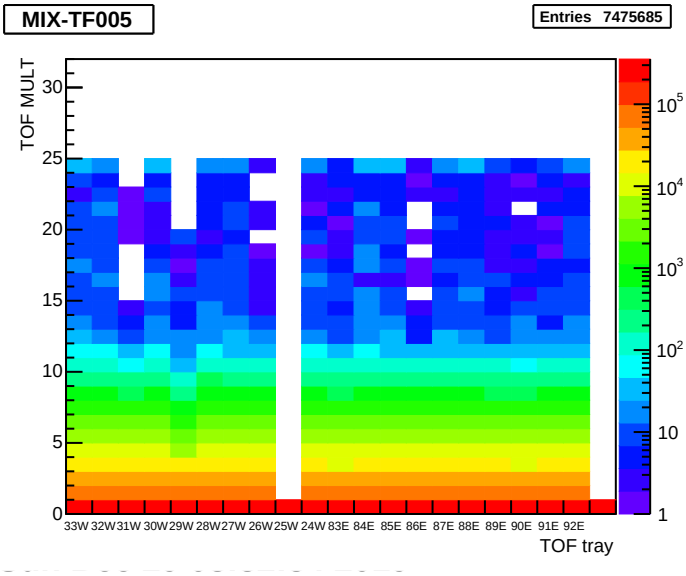

BunchId7Bit (TOFmult window)
Entries 12068

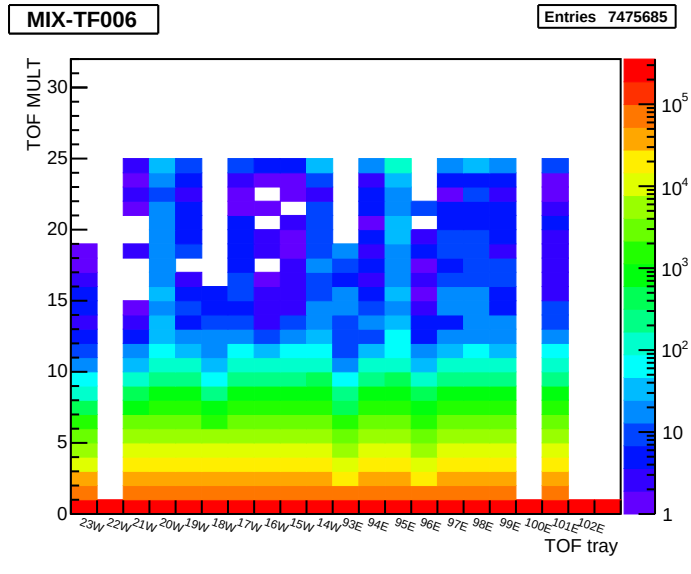

MIX-TF001
Entries 7475685
TOF MULT
TOF tray

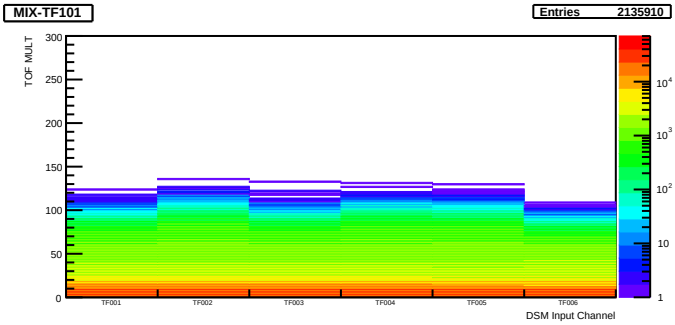

MIX-TF002
Entries 7475685
TOF MULT
TOF tray

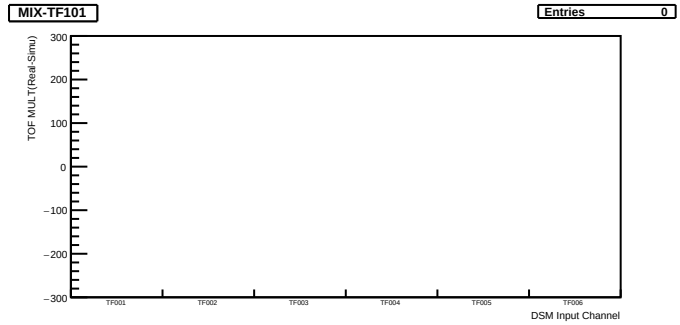

MIX-TF003
Entries 7475685
TOF MULT
TOF tray

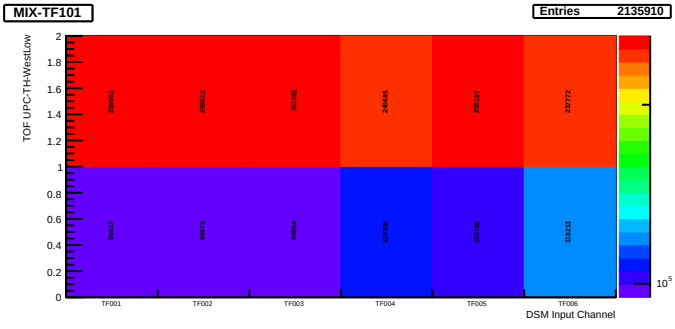

MIX-TF004
Entries 7475685
TOF MULT
TOF tray

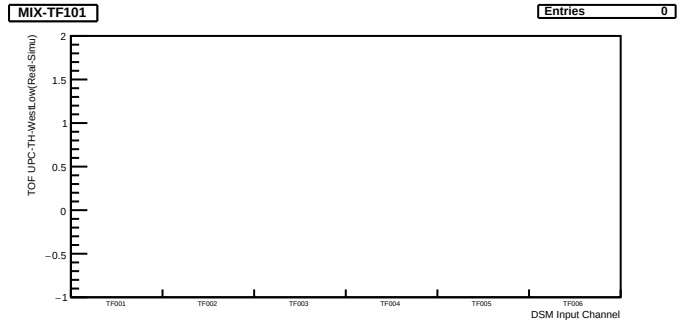

MIX-TF005
Entries 7475685
TOF MULT
TOF tray

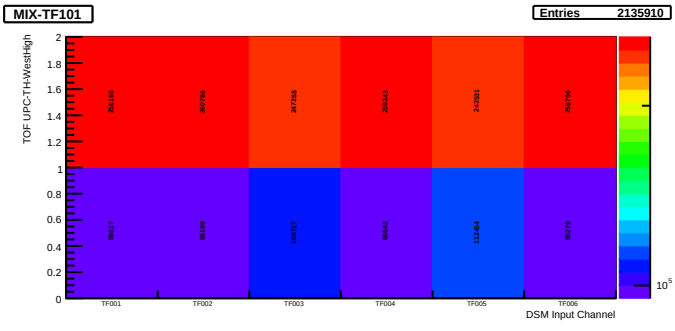

MIX-TF006
Entries 7475685
TOF MULT
TOF tray

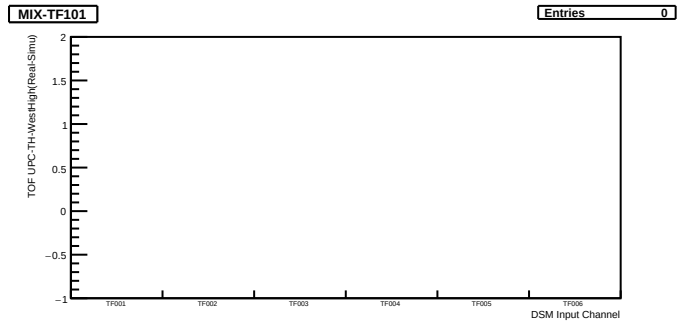

MIX-TF101
Entries 2135910
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

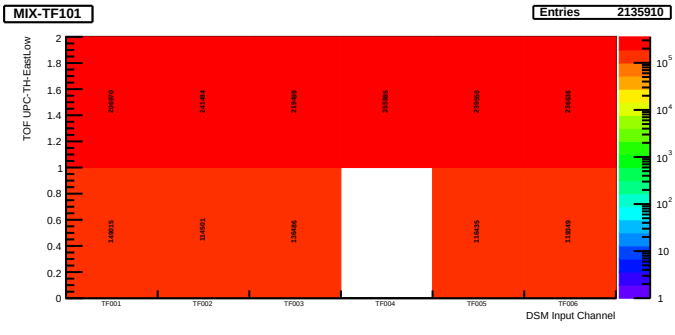

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

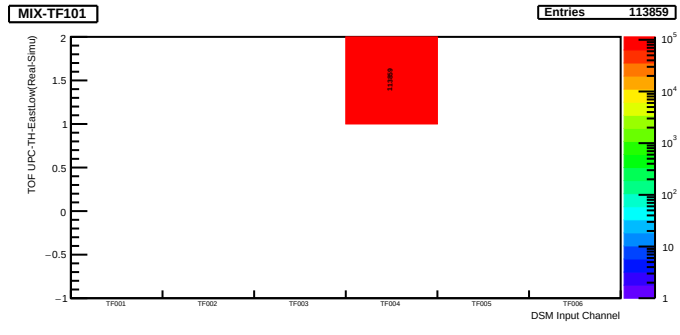

MIX-TF101
Entries 2135910
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

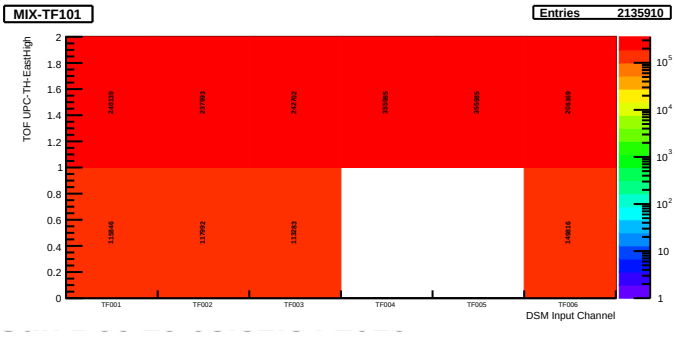

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

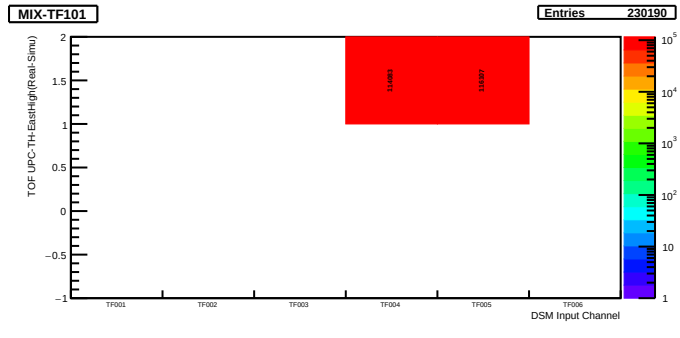

MIX-TF101
Entries 2135910
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

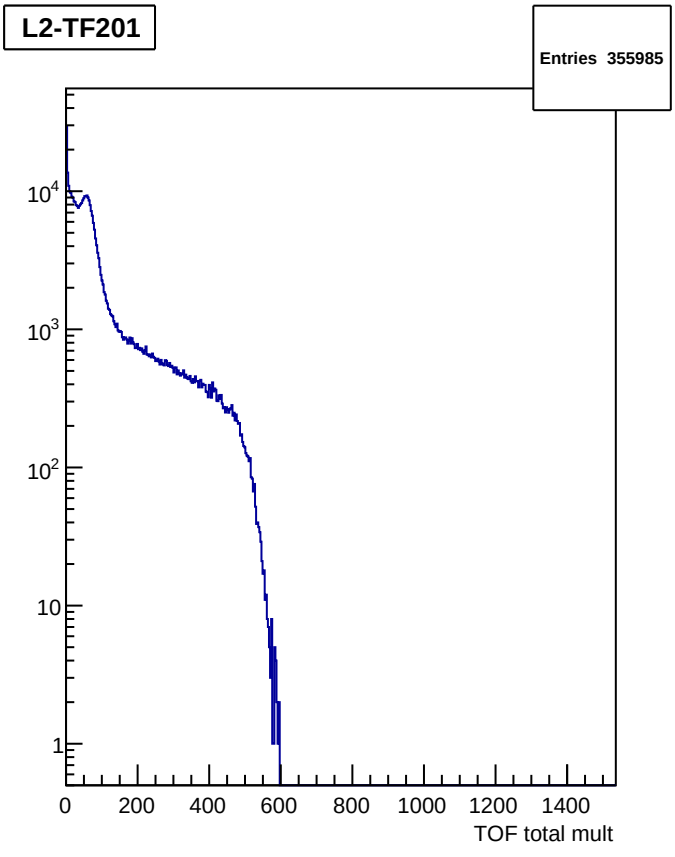

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

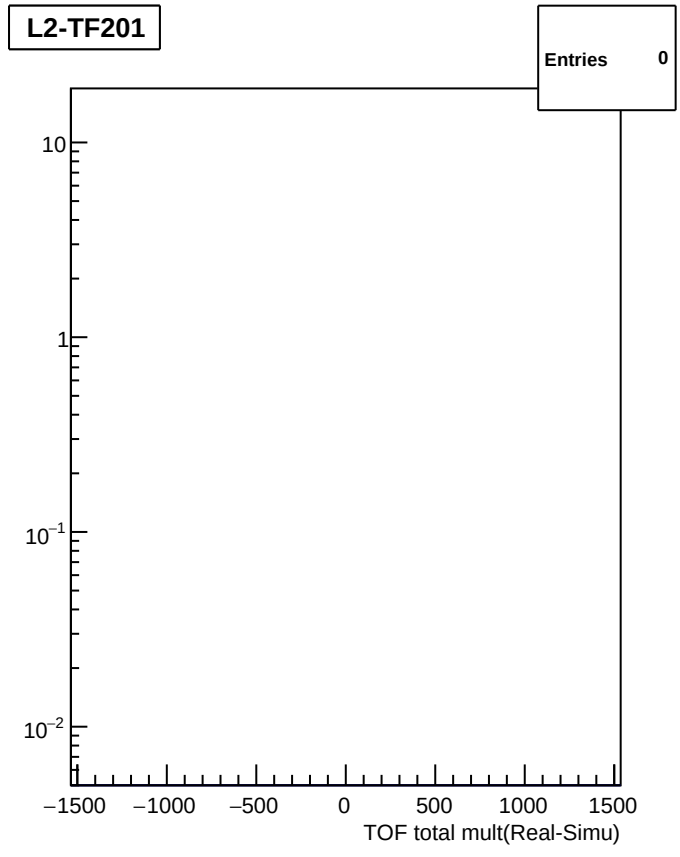

MIX-TF101
Entries 2135910
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

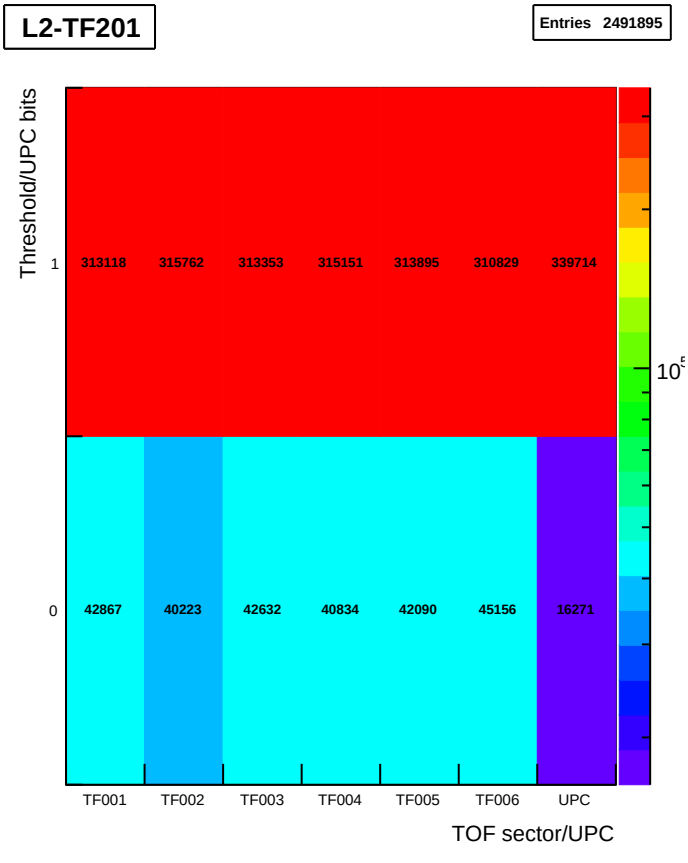

MIX-TF101
Entries 113859
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

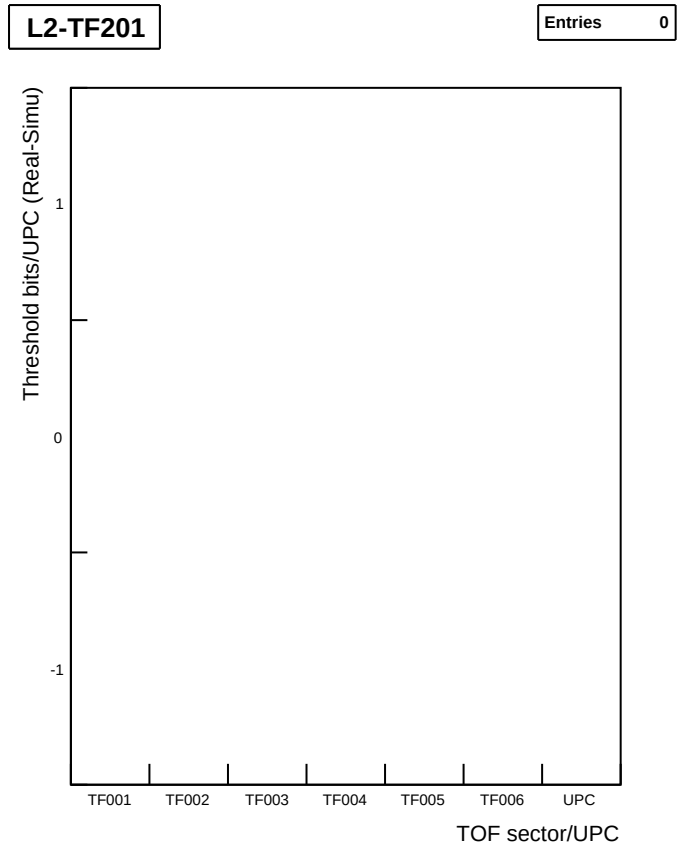

MIX-TF101
Entries 2135910
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

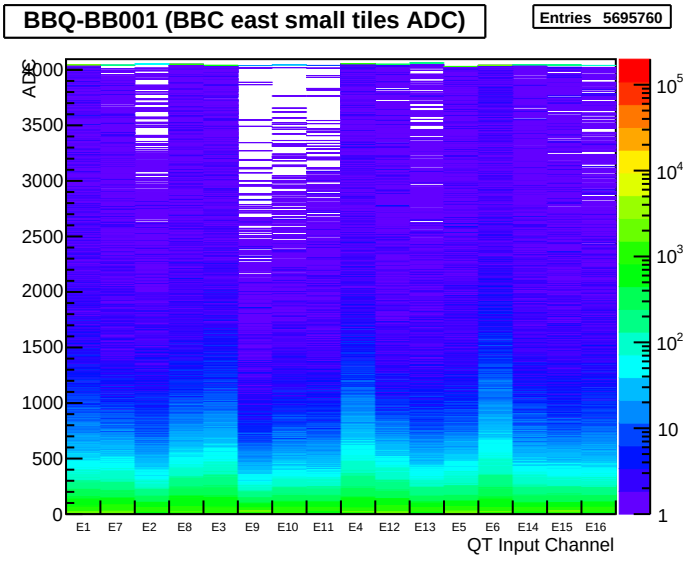

MIX-TF101
Entries 230190
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

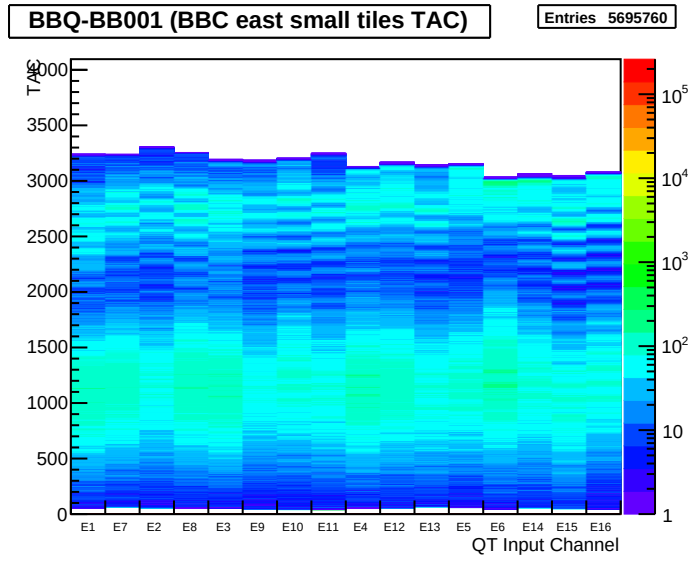

L2-TF201
Entries 355985
TOF total mult

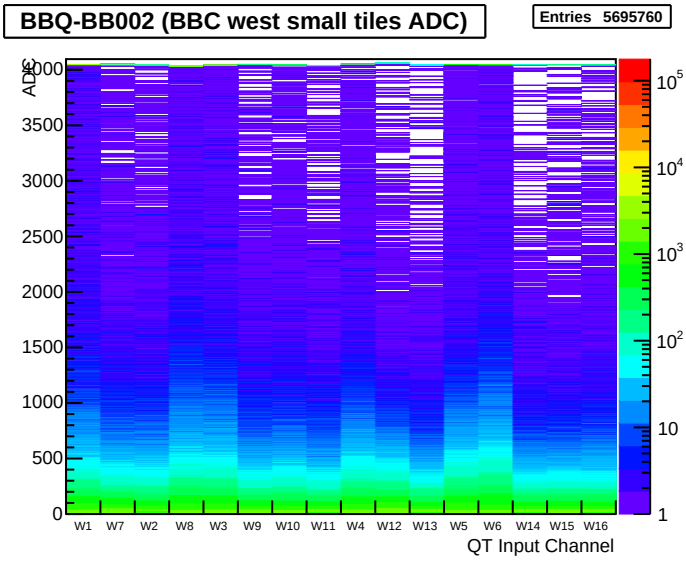

L2-TF201
Entries 0
TOF total mult(Real-Simu)

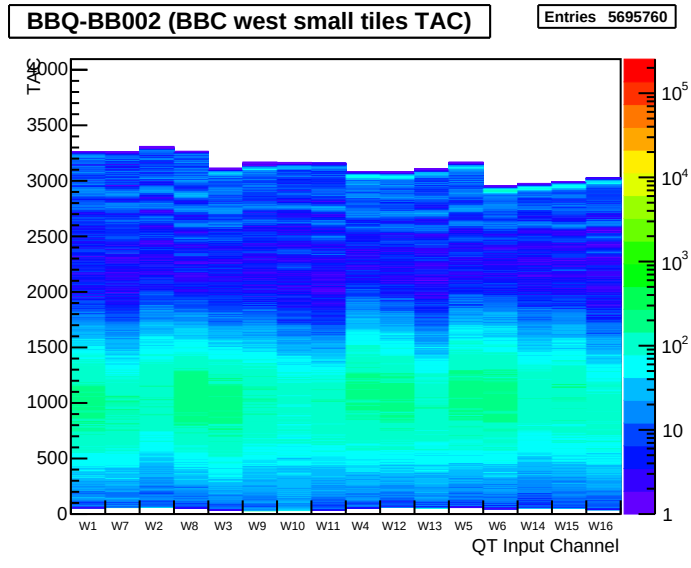

L2-TF201
Entries 2491895
Threshold/UPC bits
313118
315762
313353
315151
313895
310829
339714
42867
40223
42632
40834
42090
45156
16271
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

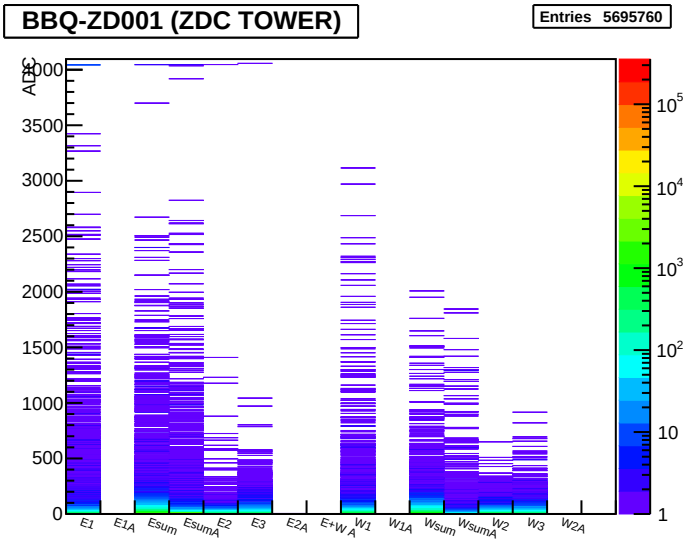

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

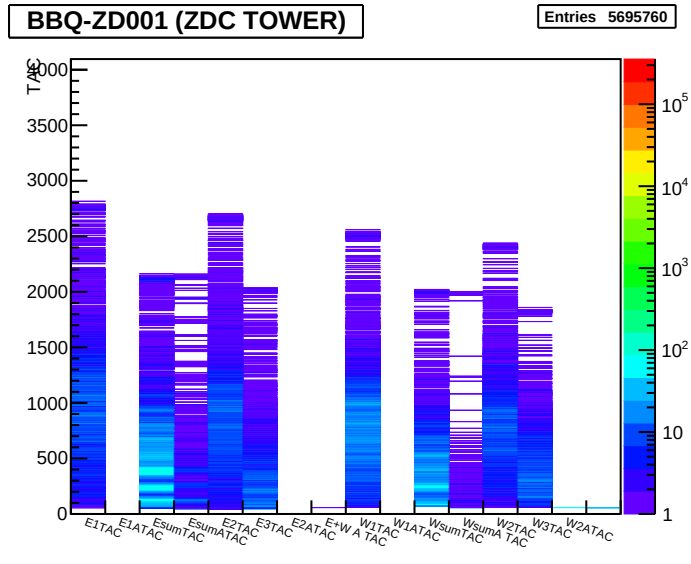

BBQ-BB001 (BBC east small tiles ADC)
Entries 5695760
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

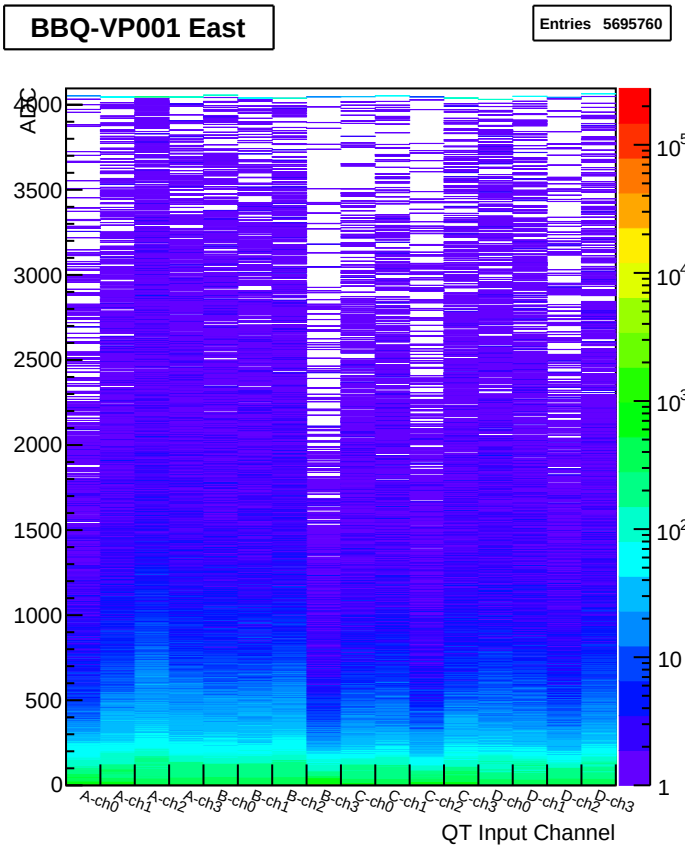

BBQ-BB001 (BBC east small tiles TAC)
Entries 5695760
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

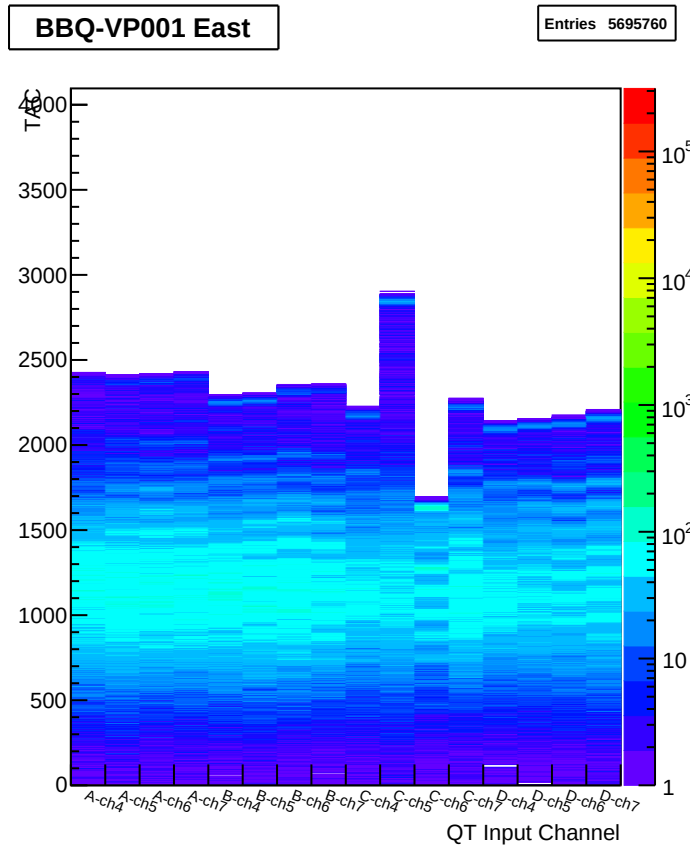

BBQ-BB002 (BBC west small tiles ADC)
Entries 5695760
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

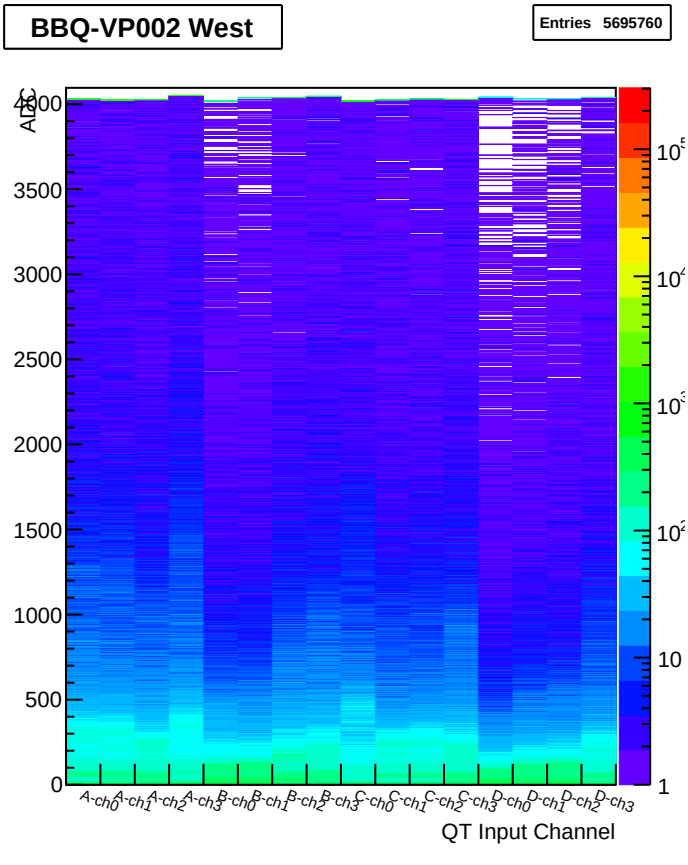

BBQ-BB002 (BBC west small tiles TAC)
Entries 5695760
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

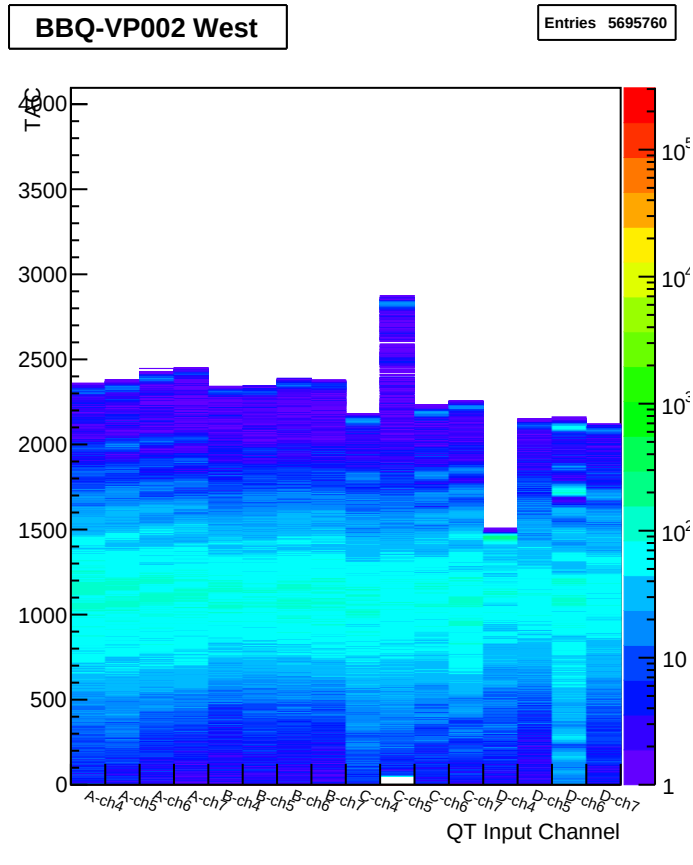

BBQ-ZD001 (ZDC TOWER)
Entries 5695760
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

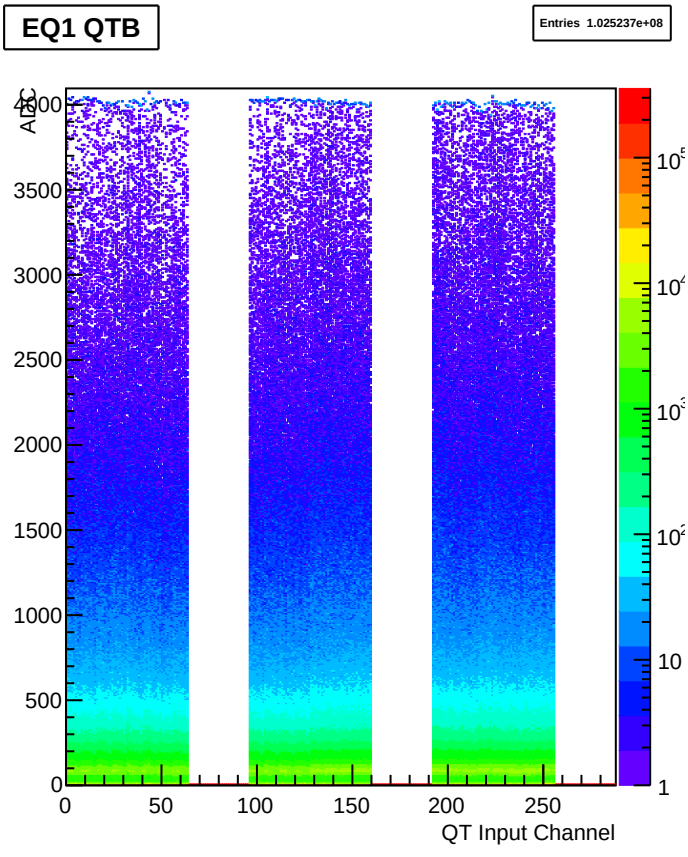

BBQ-ZD001 (ZDC TOWER)
Entries 5695760
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

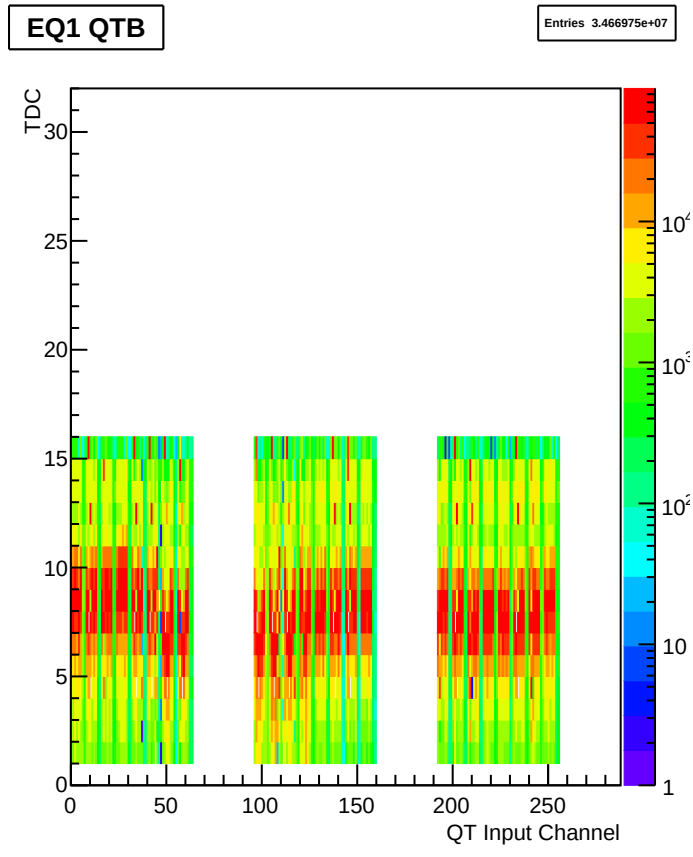

BBQ-VP001 East
Entries 5695760
ADC
QT Input Channel

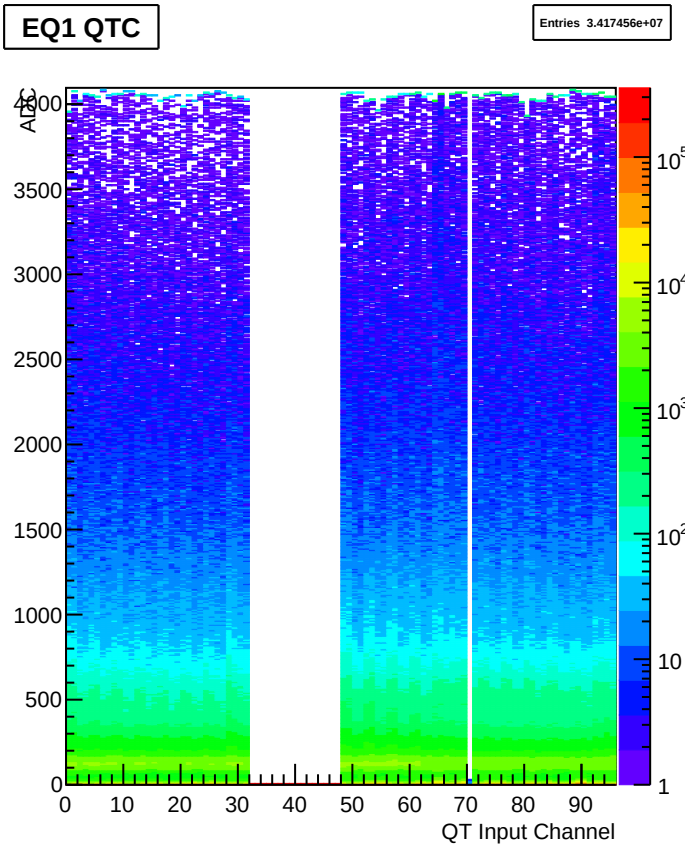

BBQ-VP001 East
Entries 5695760
TADC
QT Input Channel

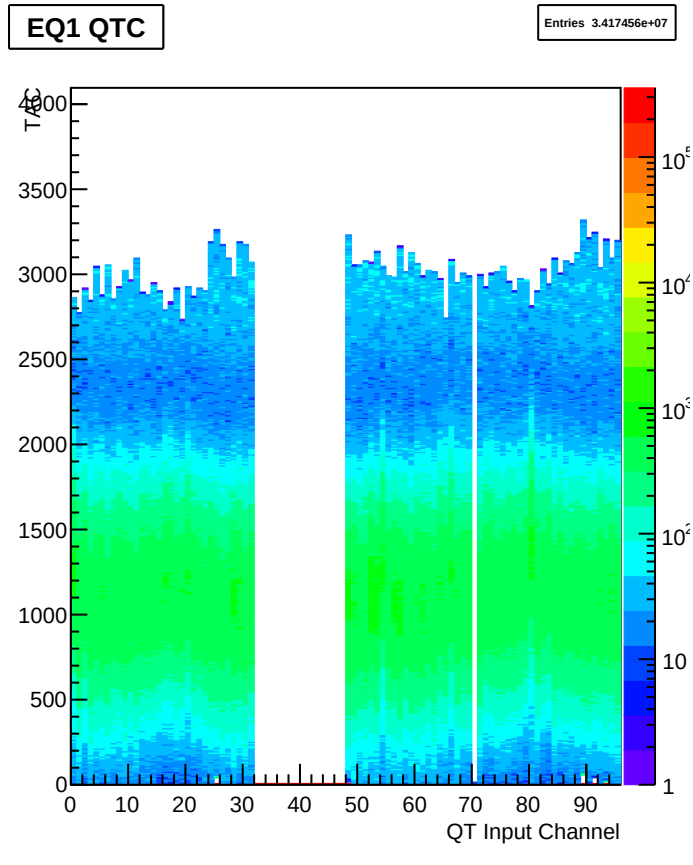

BBQ-VP002 West
Entries 5695760
ADC
QT Input Channel

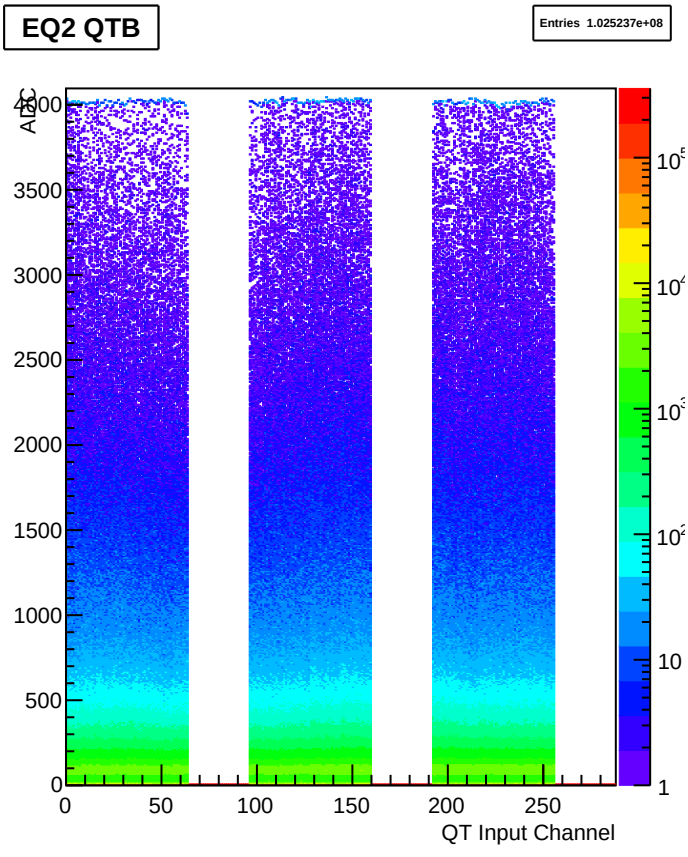

BBQ-VP002 West
Entries 5695760
TADC
QT Input Channel

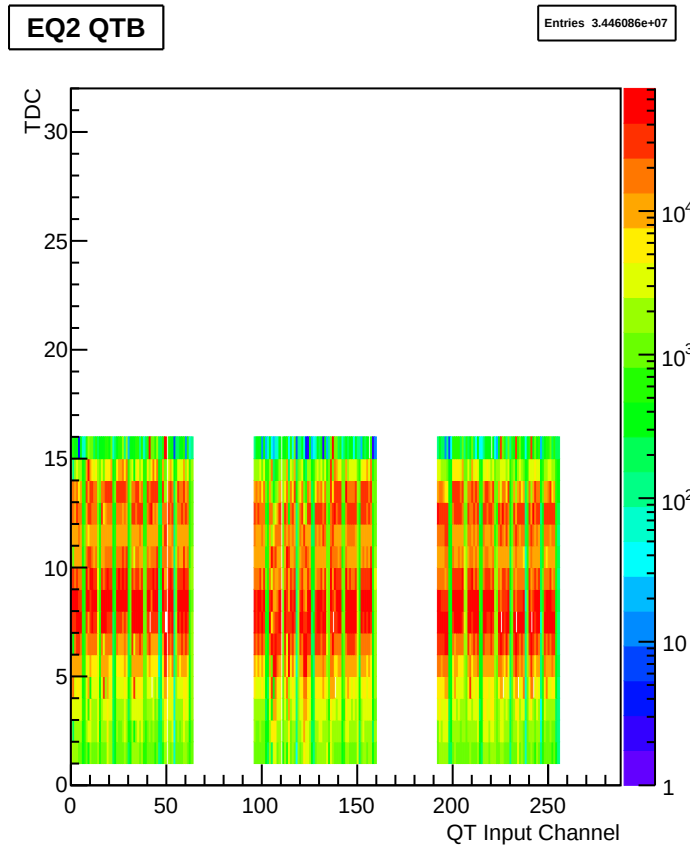

EQ1 QTB
Entries 1.025237e+08
ADC
QT Input Channel

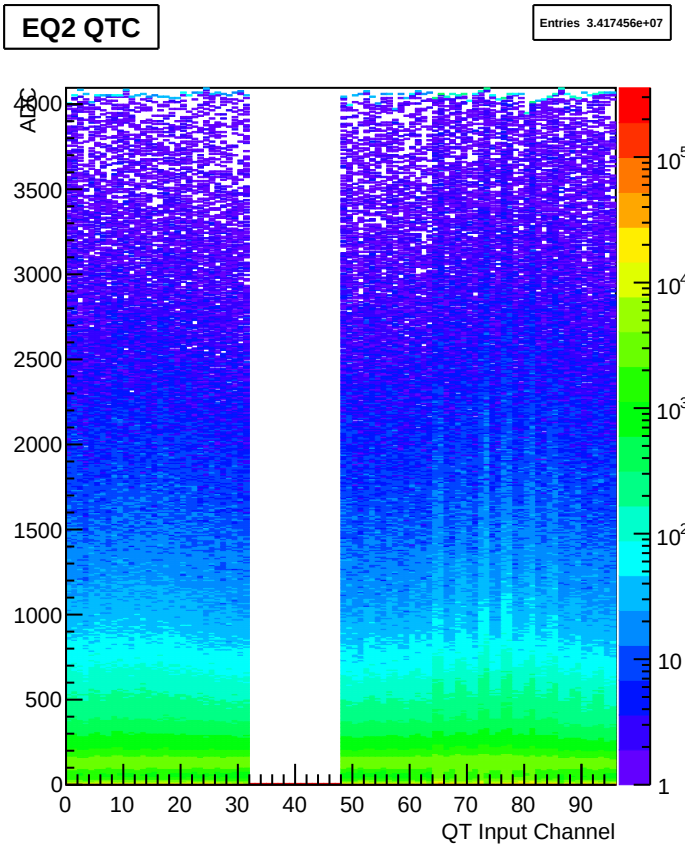

EQ1 QTB
Entries 3.466975e+07
TDC
QT Input Channel

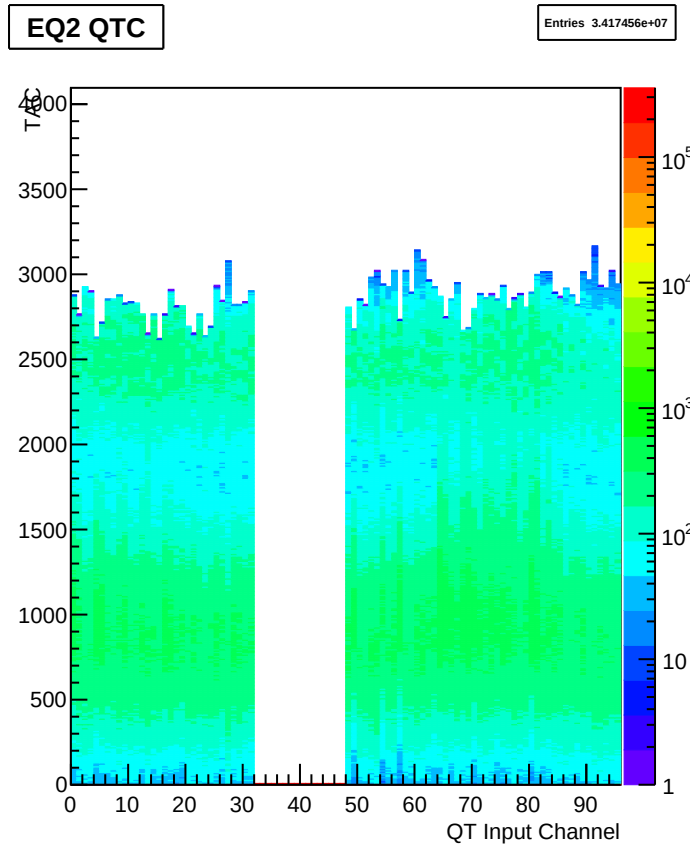

EQ1 QTC
Entries 3.417456e+07
ADC
QT Input Channel

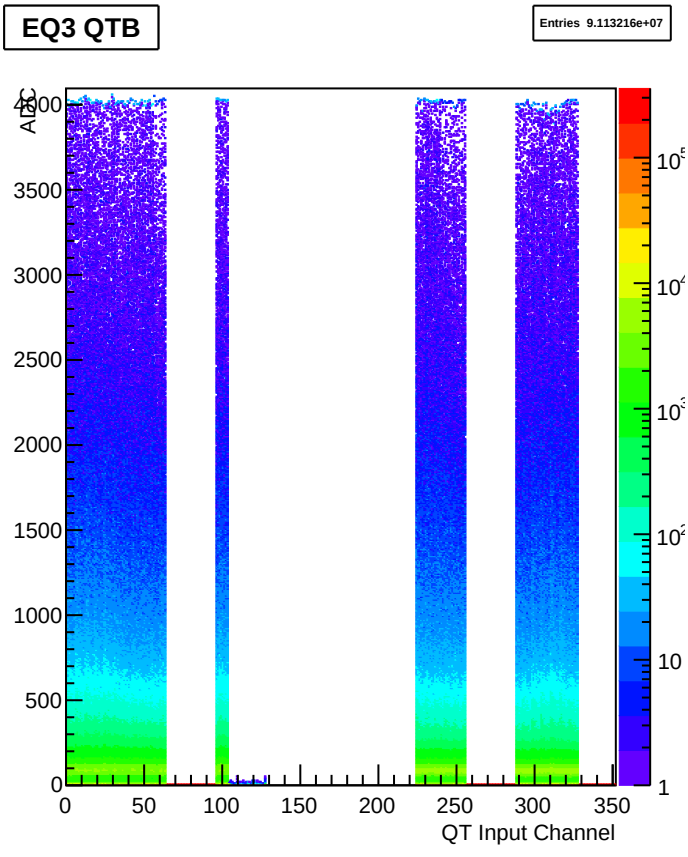

EQ1 QTC
Entries 3.417456e+07
TADC
QT Input Channel

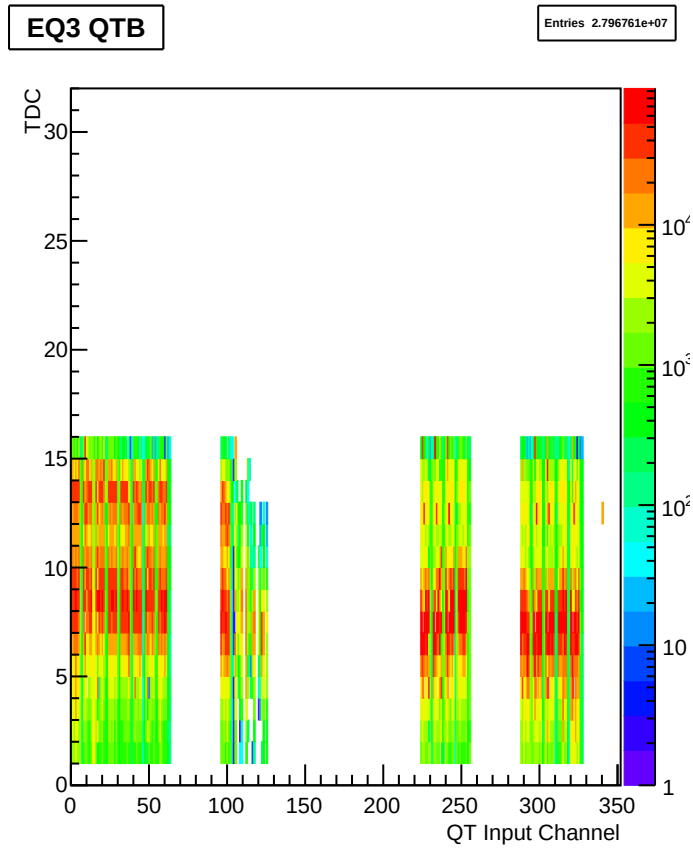

EQ2 QTB
Entries 1.025237e+08
ADC
QT Input Channel

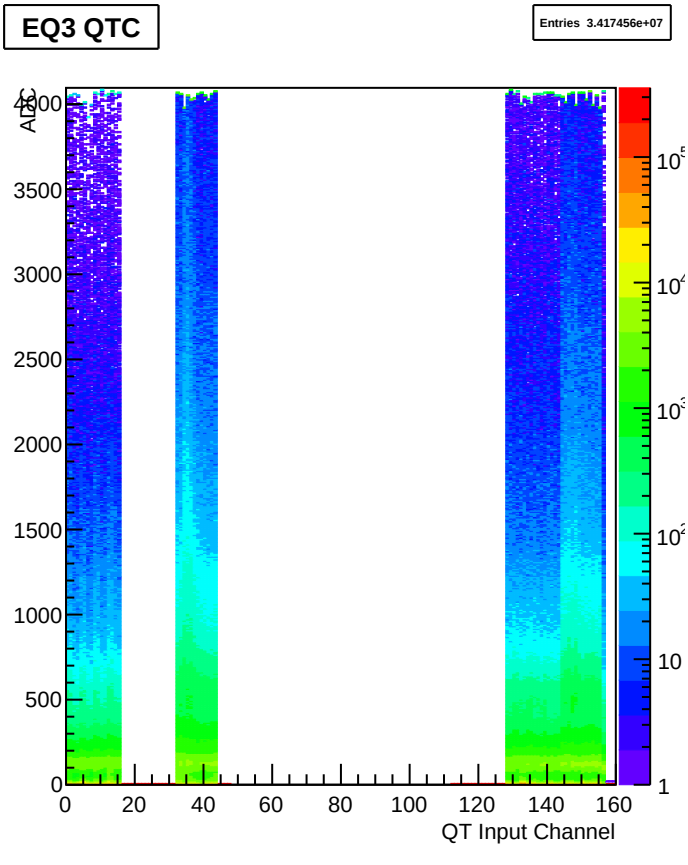

EQ2 QTB
Entries 3.446086e+07
TDC
QT Input Channel

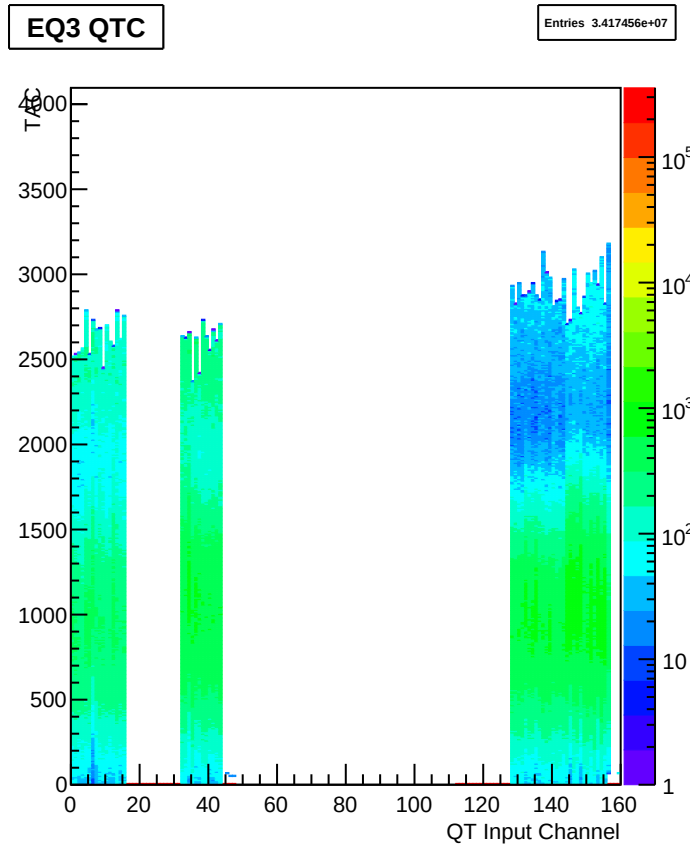

EQ2 QTC
Entries 3.417456e+07
ADC
QT Input Channel

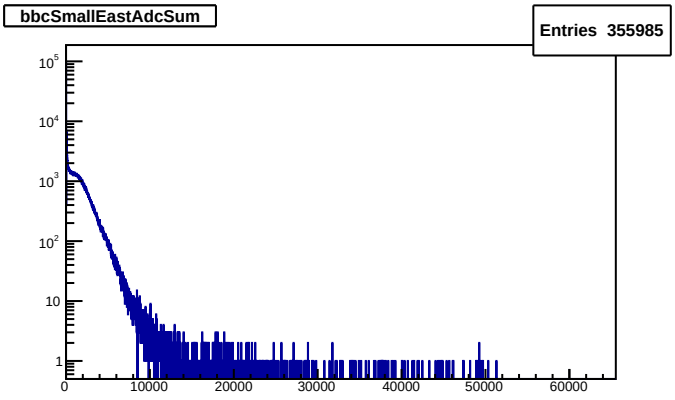

EQ2 QTC
Entries 3.417456e+07
TADC
QT Input Channel

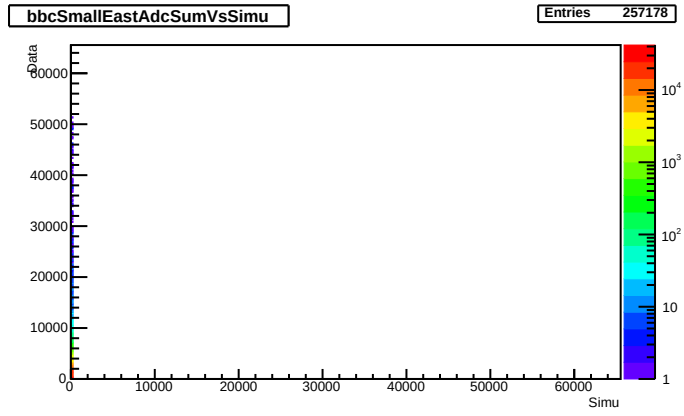

EQ3 QTB
Entries 9.113216e+07
ADC
QT Input Channel

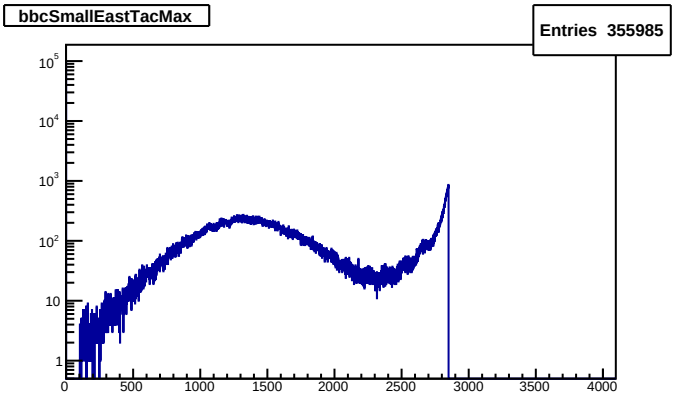

EQ3 QTB
Entries 2.796761e+07
TDC
QT Input Channel

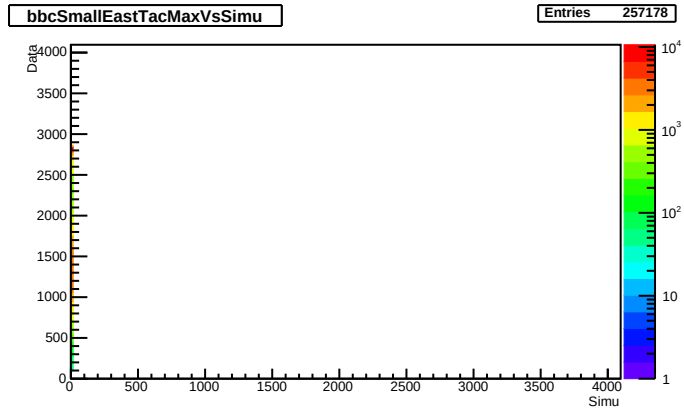

EQ3 QTC
Entries 3.417456e+07
ADC
QT Input Channel

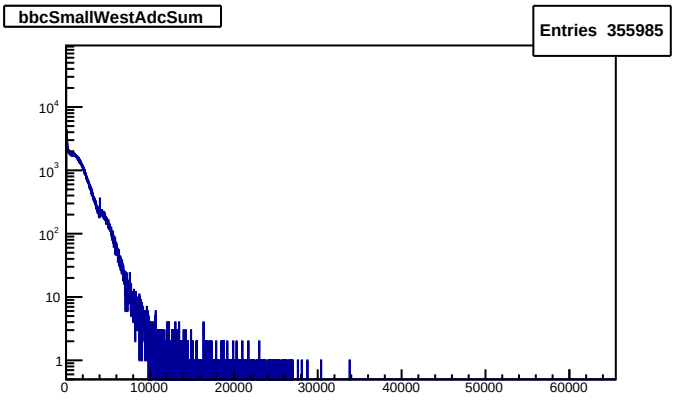

EQ3 QTC
Entries 3.417456e+07
TADC
QT Input Channel

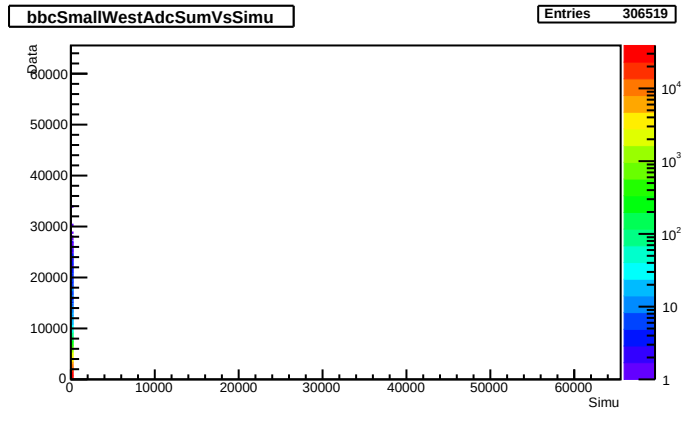

bbcSmallEastAdcSum
Entries 355985

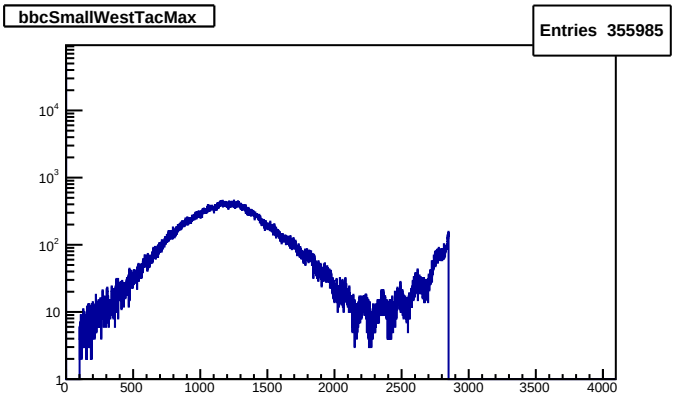

bbcSmallEastAdcSumVsSimu
Entries 257178
Data
Simu

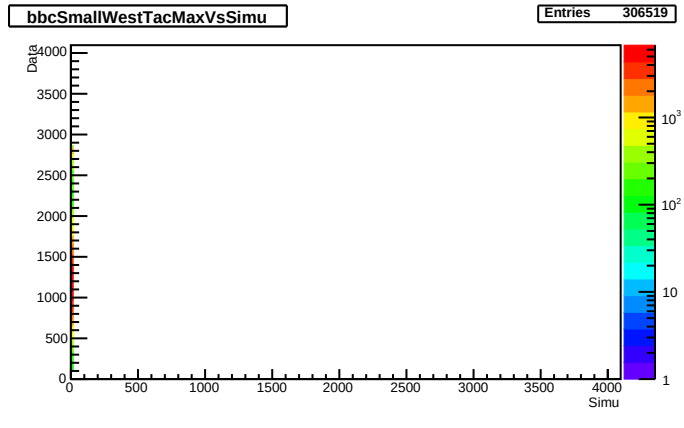

bbcSmallEastTacMax
Entries 355985

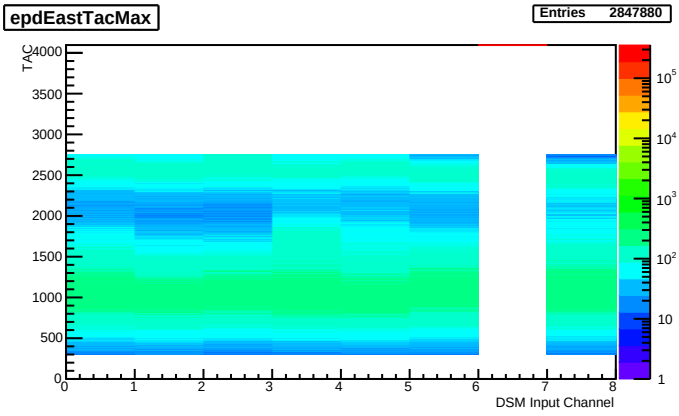

bbcSmallEastTacMaxVsSimu
Entries 257178
Data
Simu

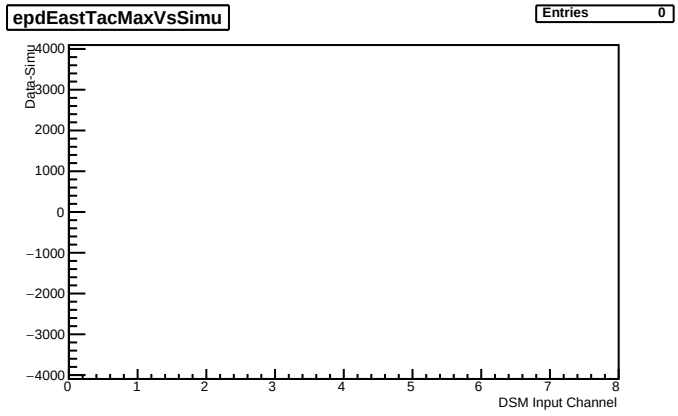

bbcSmallWestAdcSum
Entries 355985

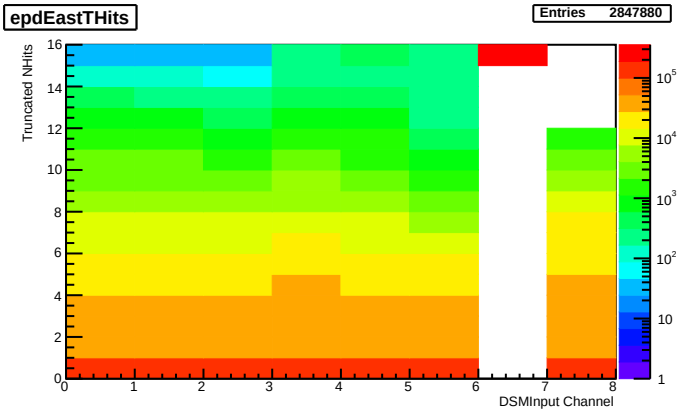

bbcSmallWestAdcSumVsSimu
Entries 306519
Data
Simu

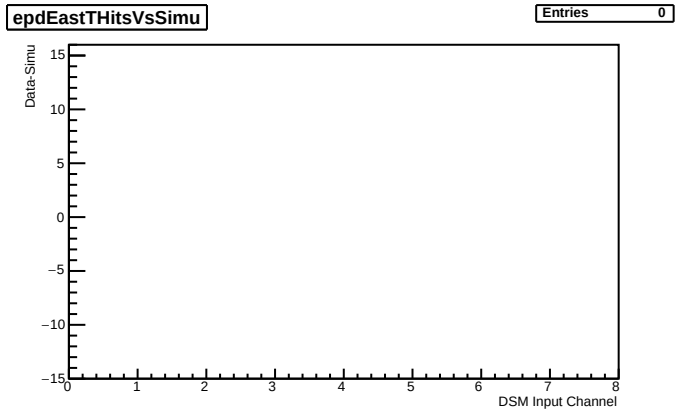

bbcSmallWestTacMax
Entries 355985

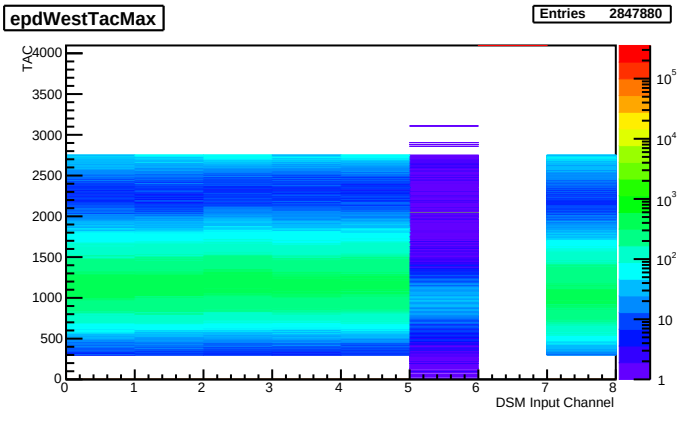

bbcSmallWestTacMaxVsSimu
Entries 306519
Data
Simu

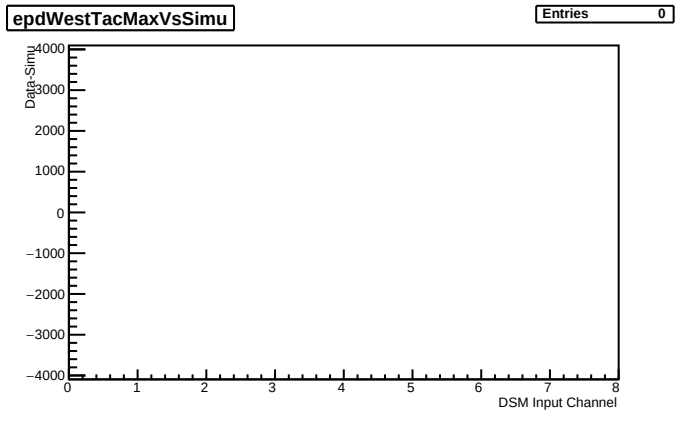

epdEastTacMax
Entries 2847880
TAC
DSM Input Channel

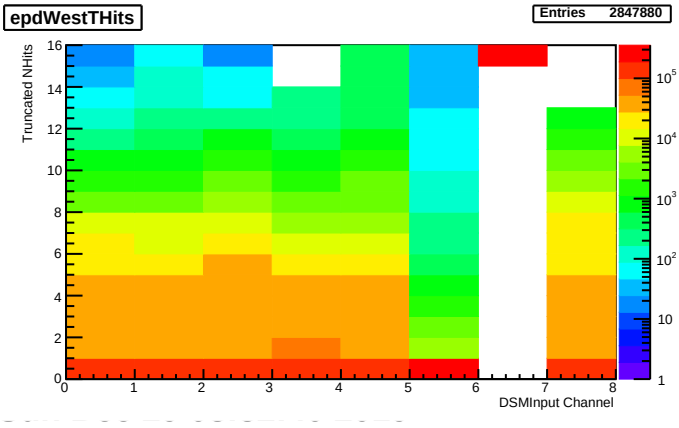

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

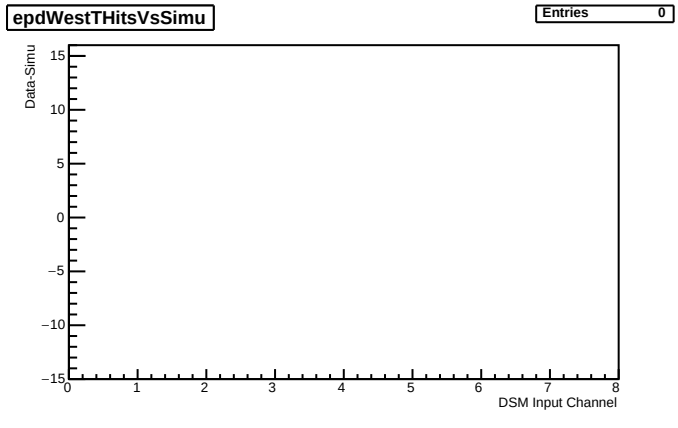

epdEastTHits
Entries 2847880
Truncated NHits
DSMInput Channel

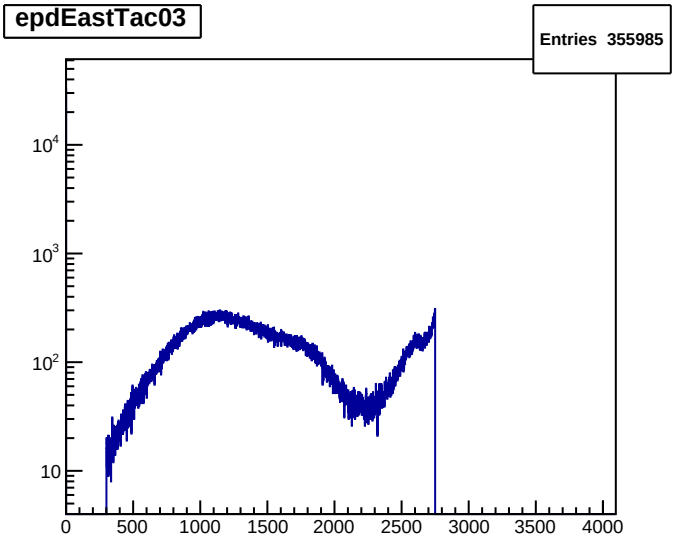

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

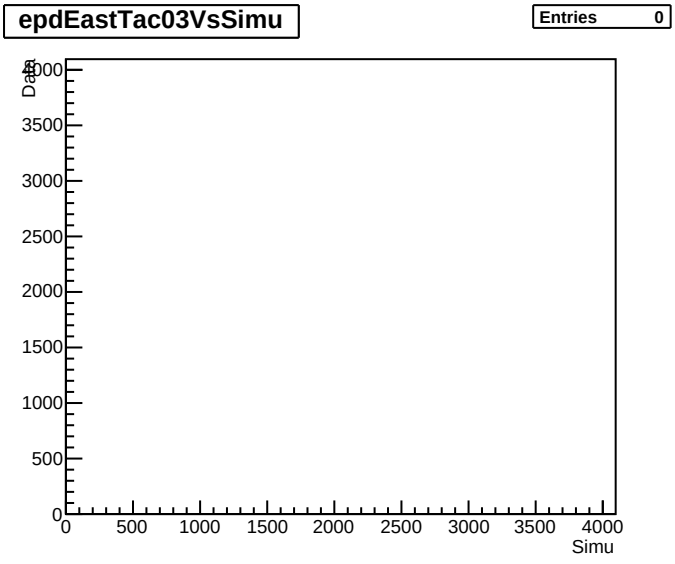

epdWestTacMax
Entries 2847880
TAC
DSM Input Channel

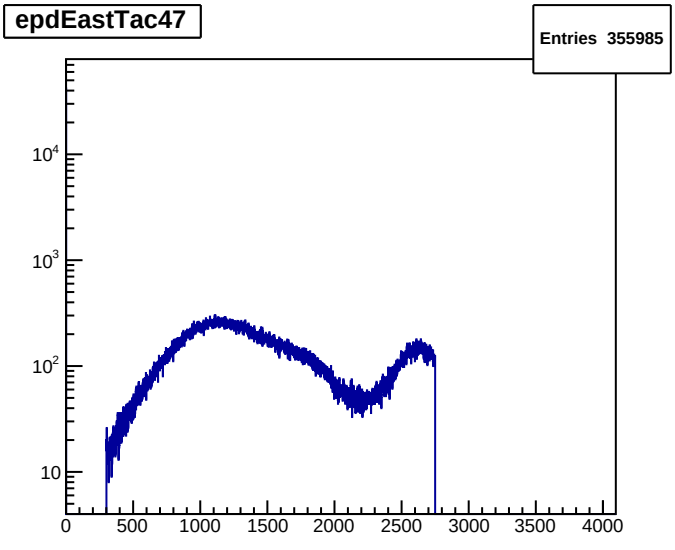

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

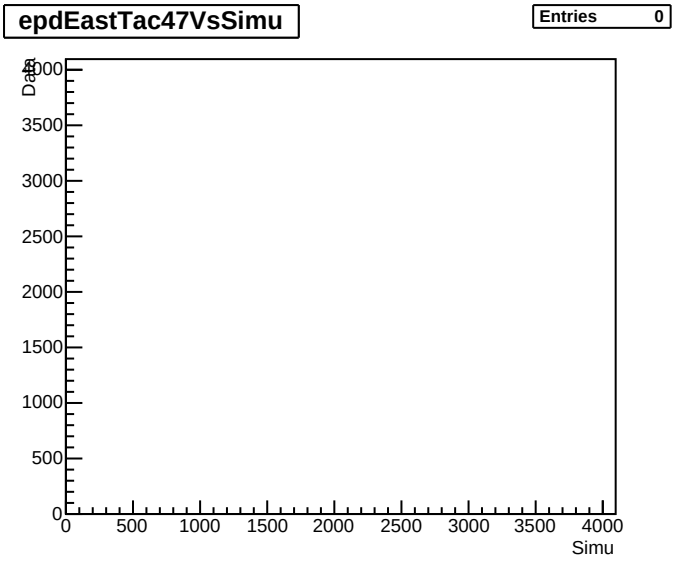

epdWestTHits
Entries 2847880
Truncated NHits
DSMInput Channel

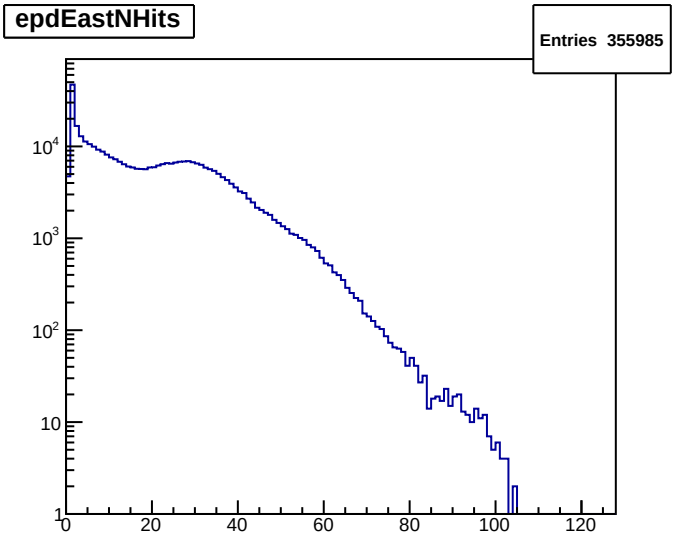

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

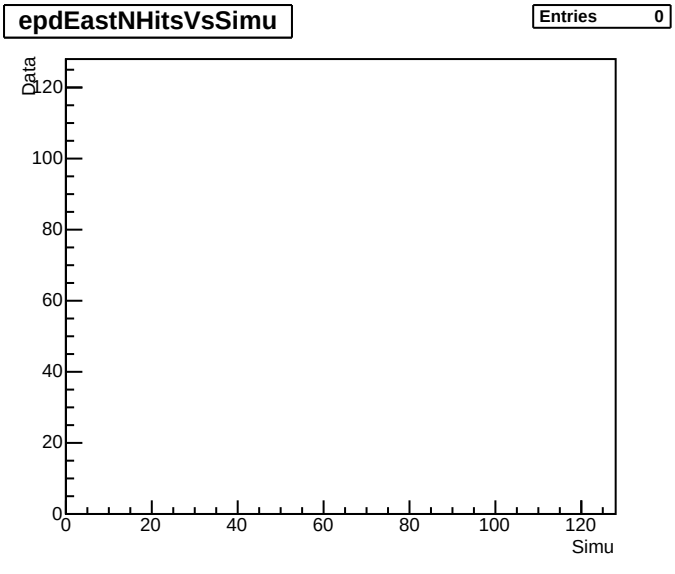

epdEastTac03
Entries 355985

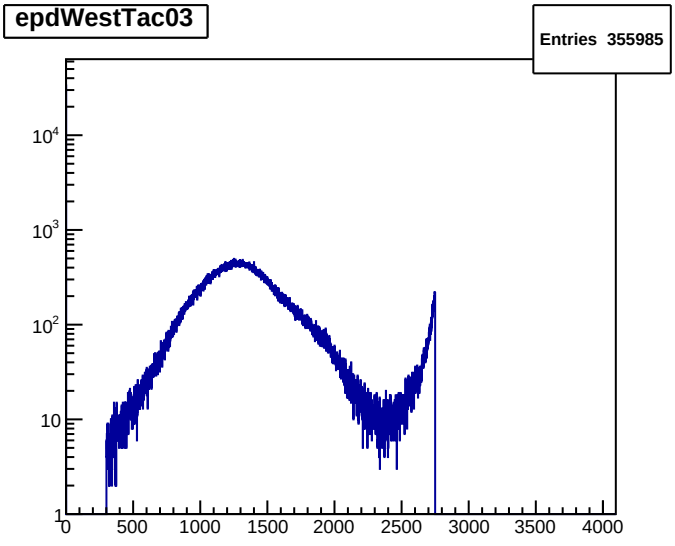

epdEastTac03VsSimu
Entries 0
Data
Simu

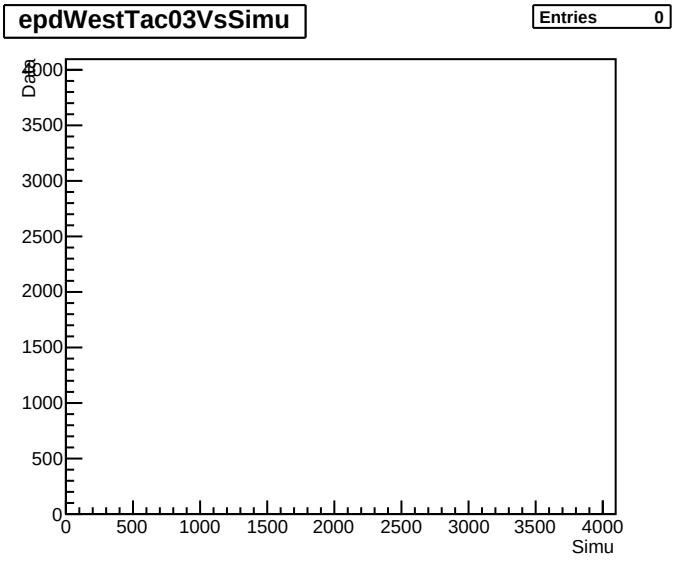

epdEastTac47
Entries 355985

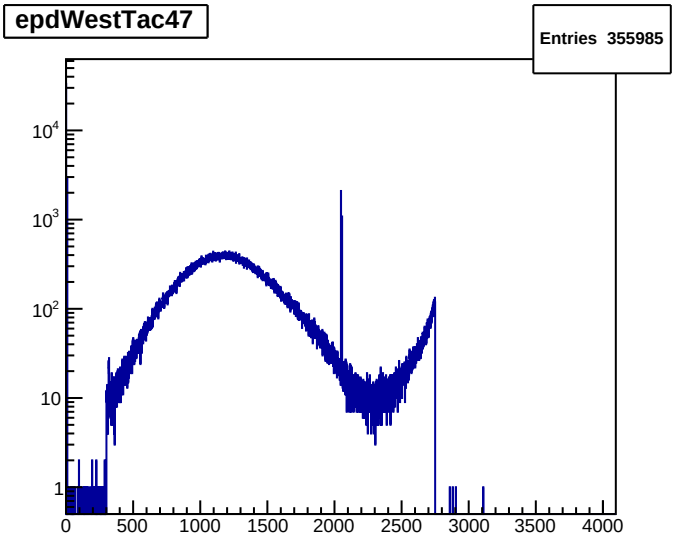

epdEastTac47VsSimu
Entries 0
Data
Simu

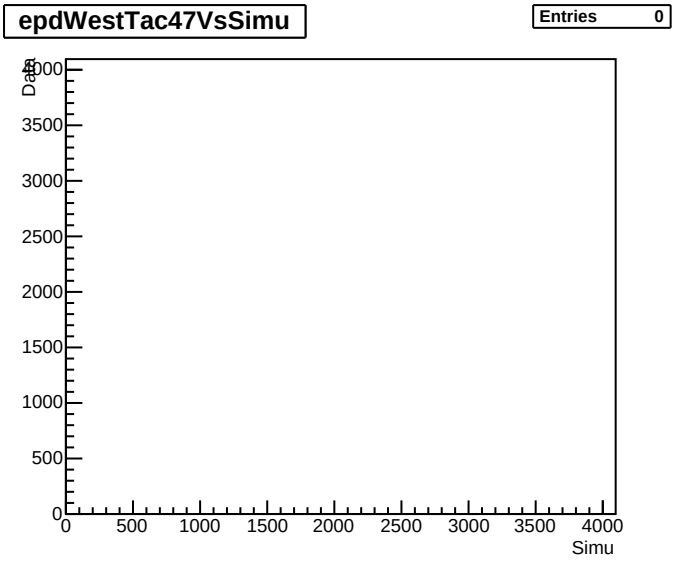

epdEastNHits
Entries 355985

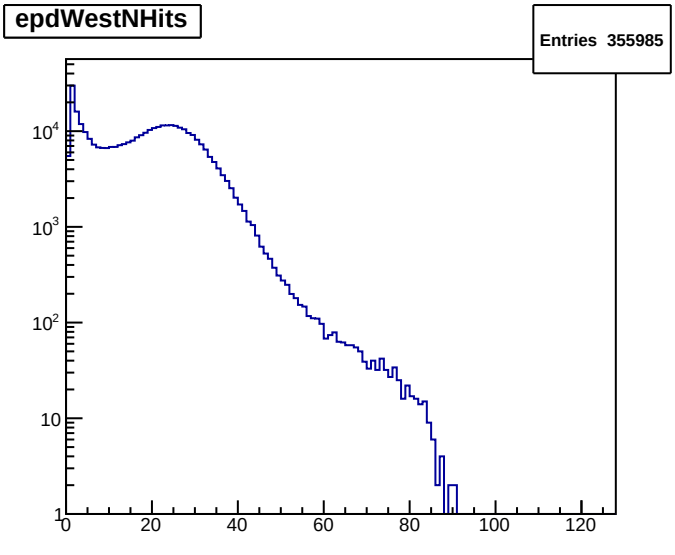

epdEastNHitsVsSimu
Entries 0
Data
Simu

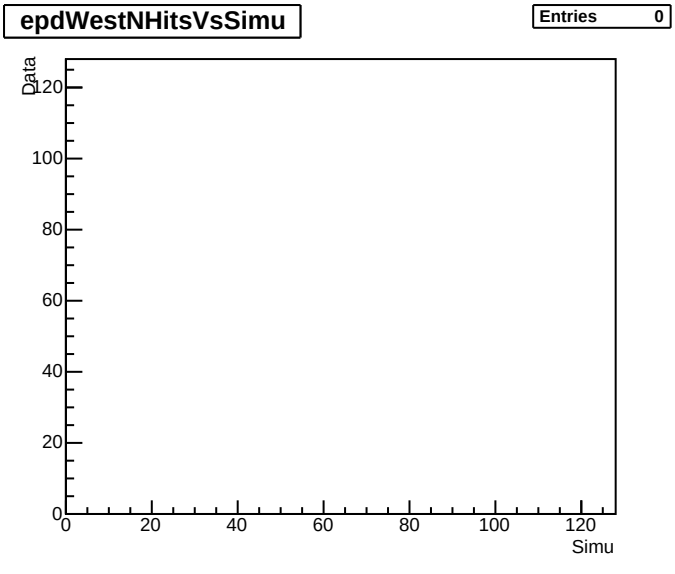

epdWestTac03
Entries 355985

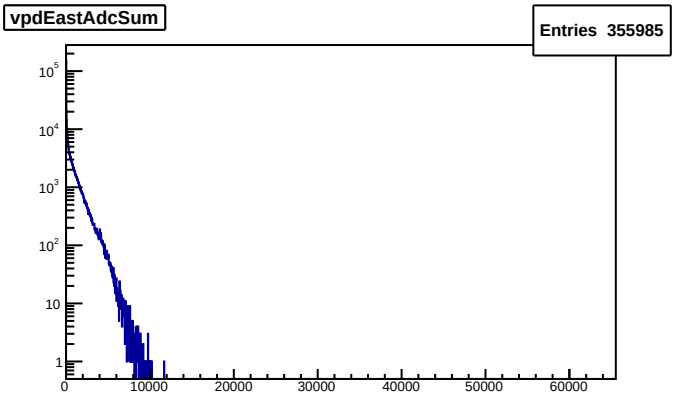

epdWestTac03VsSimu
Entries 0
Data
Simu

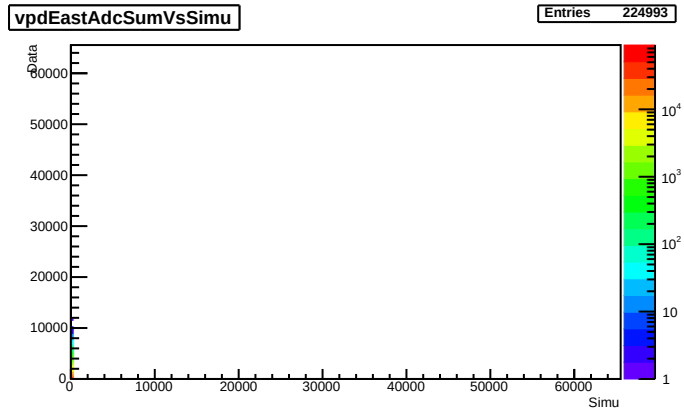

epdWestTac47
Entries 355985

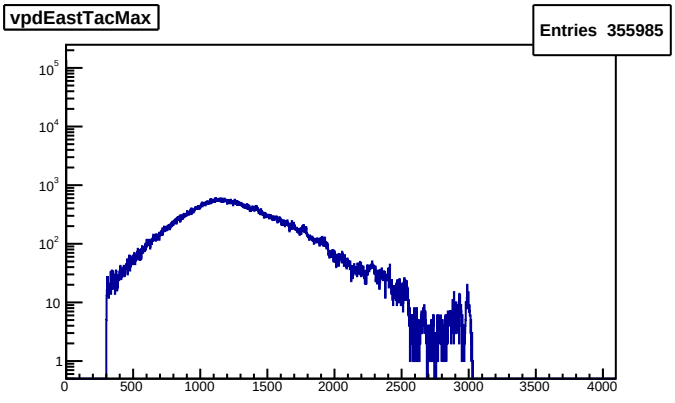

epdWestTac47VsSimu
Entries 0
Data
Simu

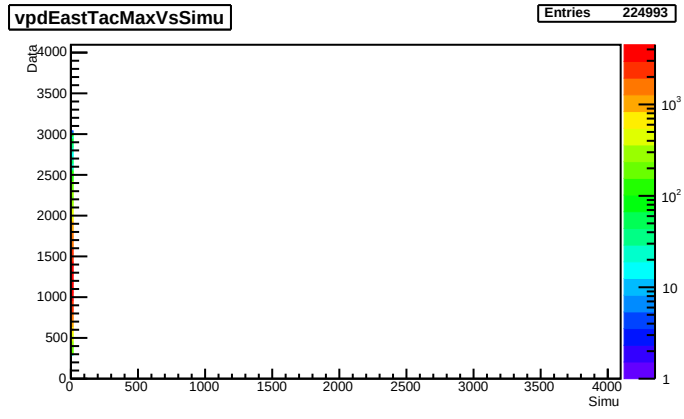

epdWestNHits
Entries 355985

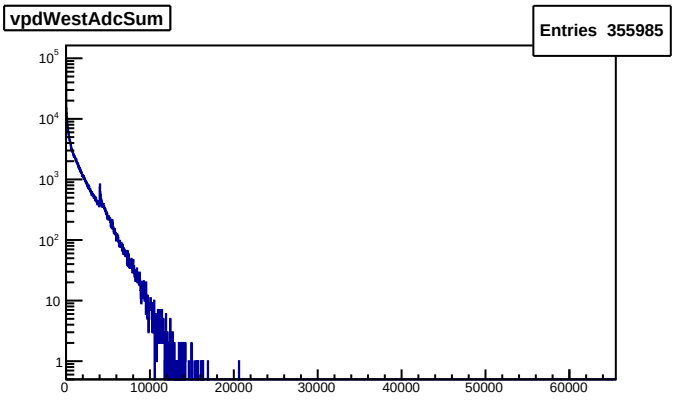

epdWestNHitsVsSimu
Entries 0
Data
Simu

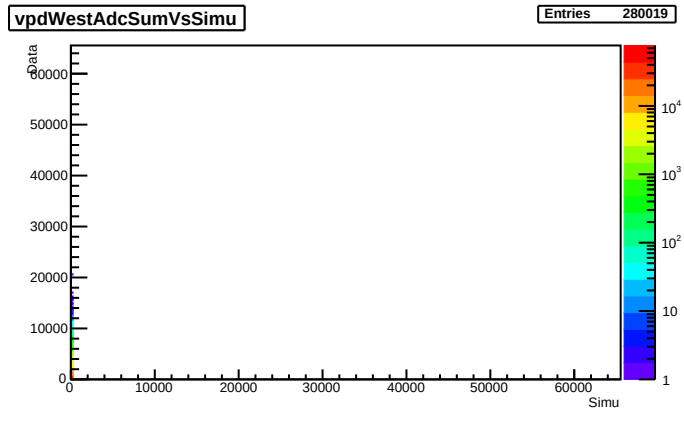

vpdEastAdcSum
Entries 355985

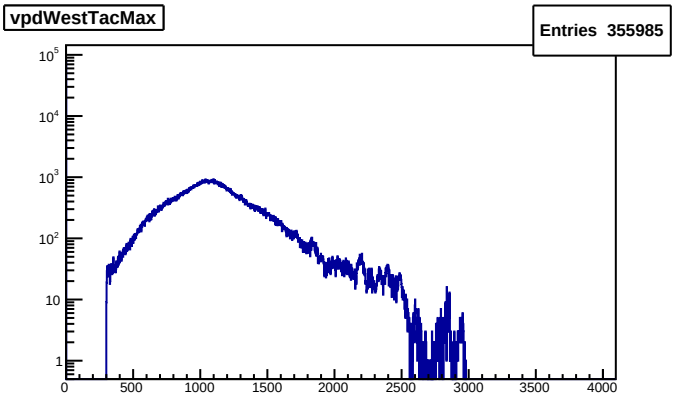

vpdEastAdcSumVsSimu
Entries 224993
Data
Simu

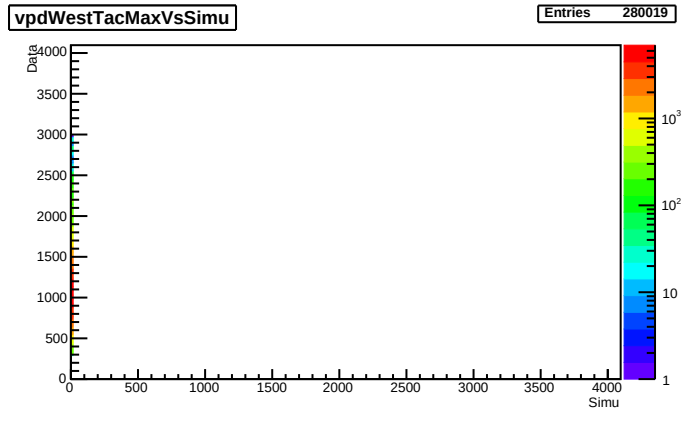

vpdEastTacMax
Entries 355985

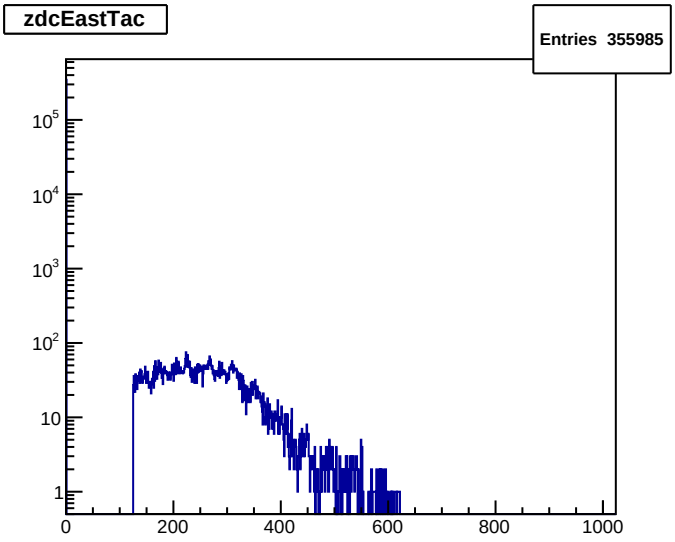

vpdEastTacMaxVsSimu
Entries 224993
Data
Simu

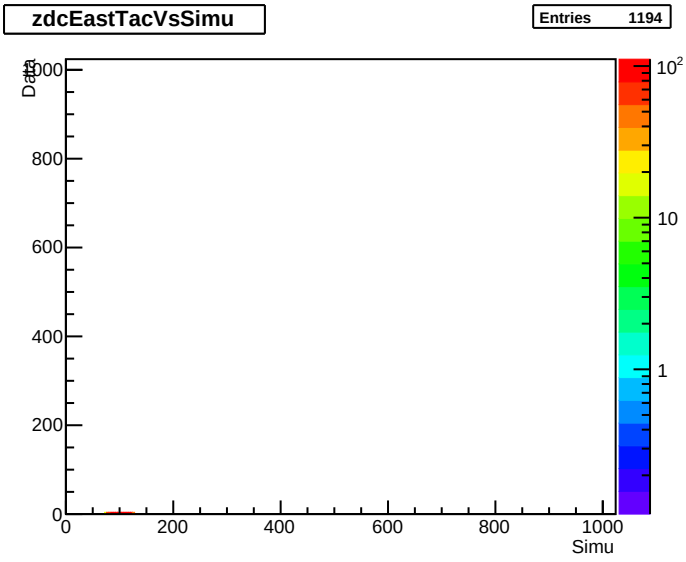

vpdWestAdcSum
Entries 355985

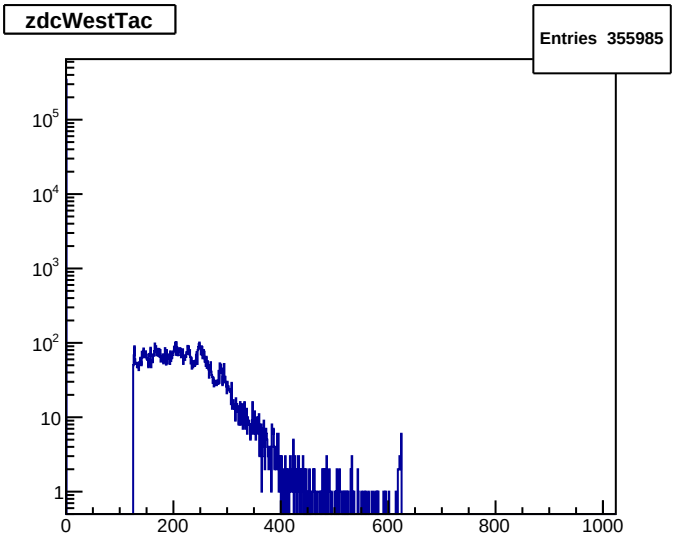

vpdWestAdcSumVsSimu
Entries 280019
Data
Simu

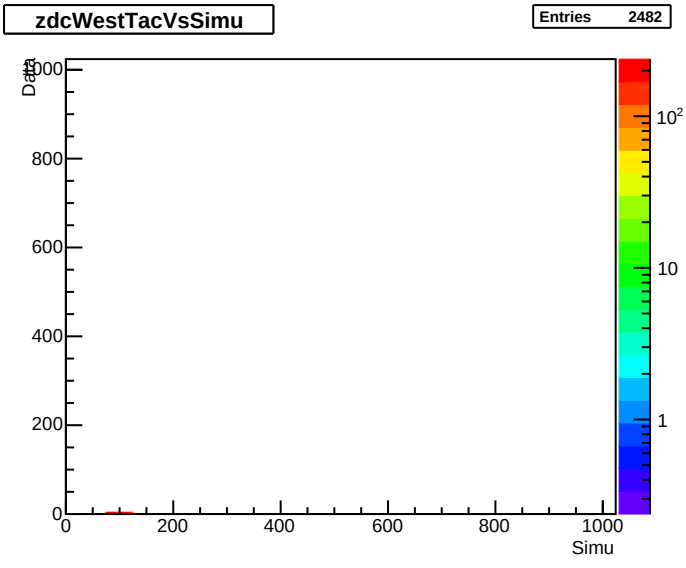

vpdWestTacMax
Entries 355985

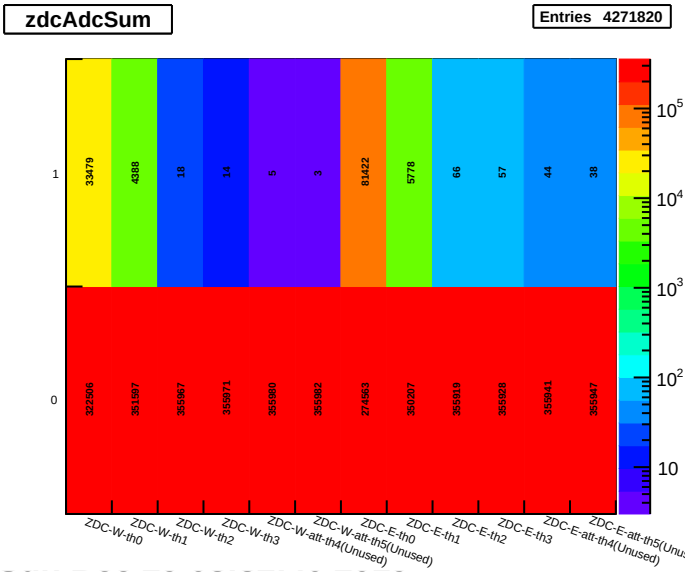

vpdWestTacMaxVsSimu
Entries 280019
Data
Simu

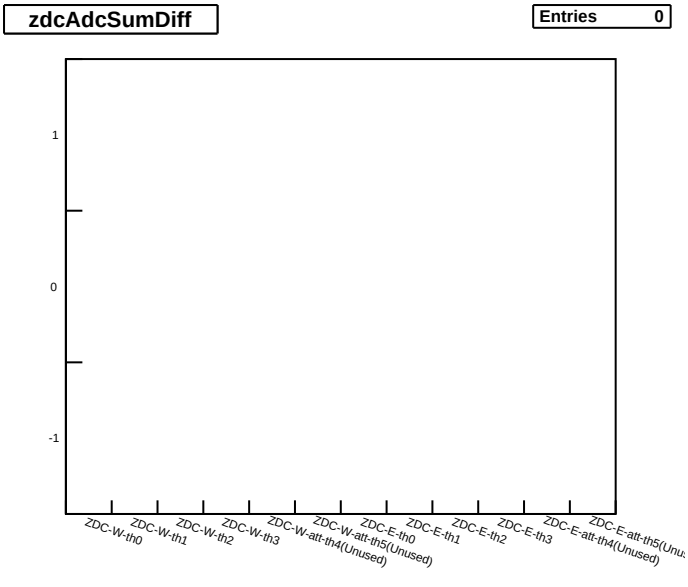

zdcEastTac
Entries 355985

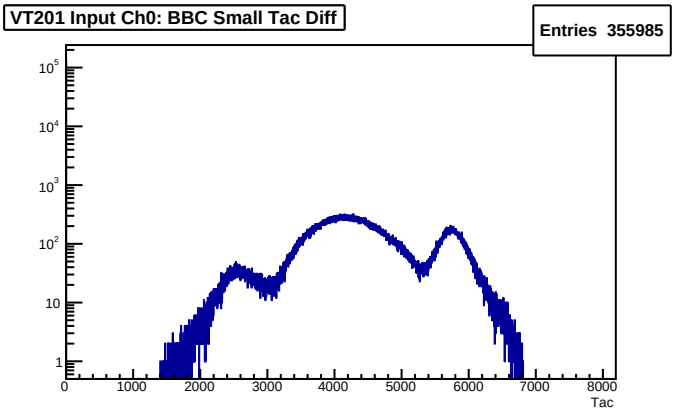

zdcEastTacVsSimu
Entries 1194
Data
Simu

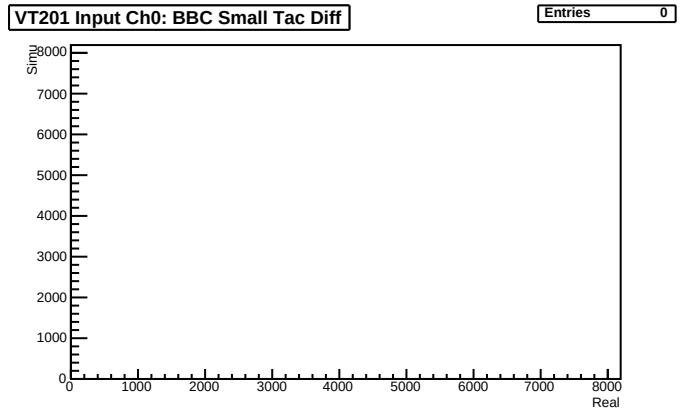

zdcWestTac
Entries 355985

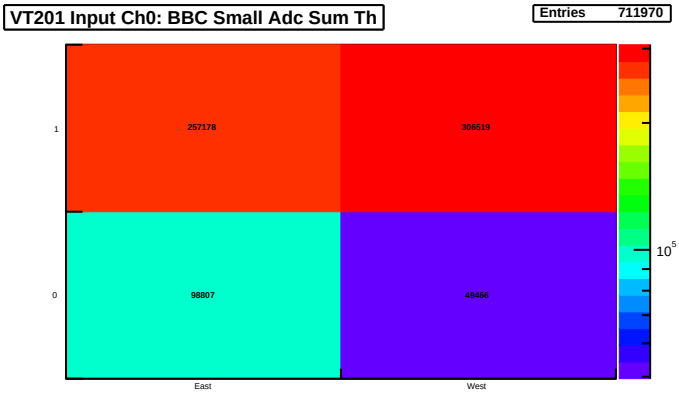

zdcWestTacVsSimu
Entries 2482
Data
Simu

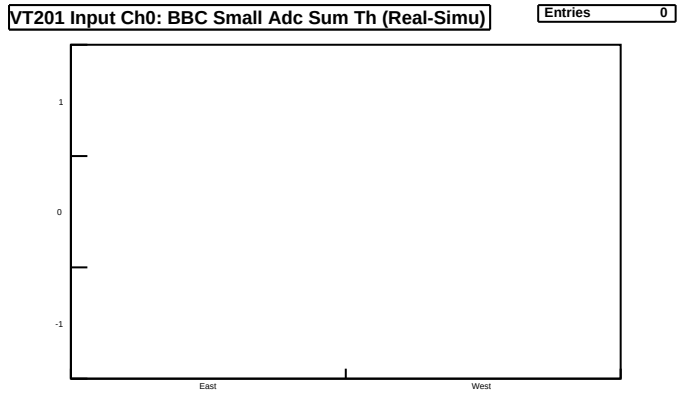

zdcAdcSum
Entries 4271820
33479
4388
18
14
5
3
81422
5778
66
57
44
38
322506
351997
355967
355971
355980
355982
274563
350207
355919
355928
355941
355947
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

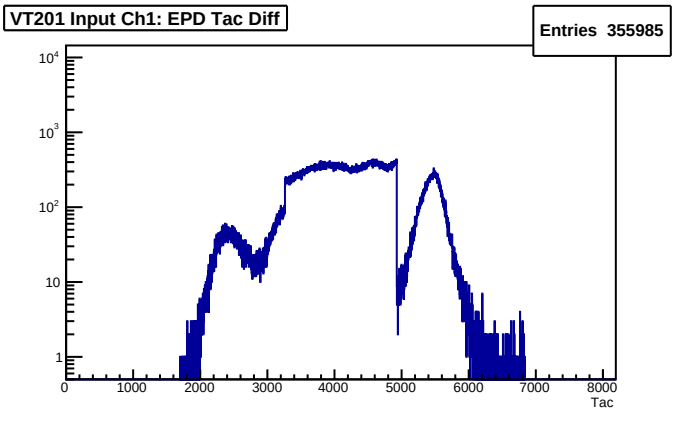

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

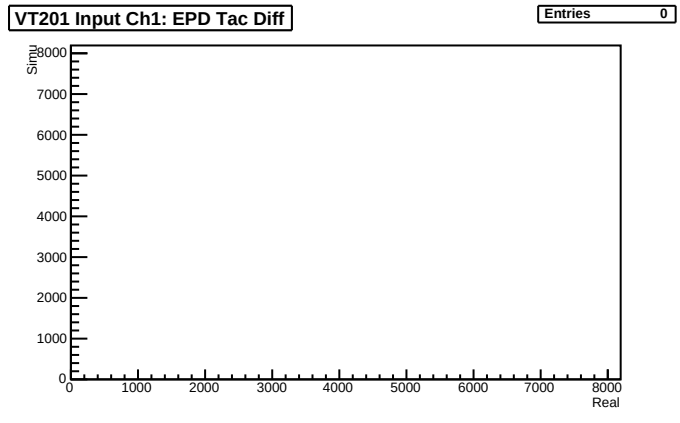

VT201 Input Ch0: BBC Small Tac Diff
Entries 355985
Tac

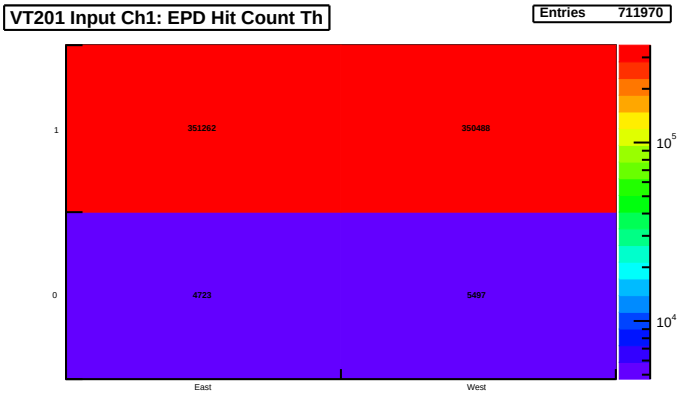

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

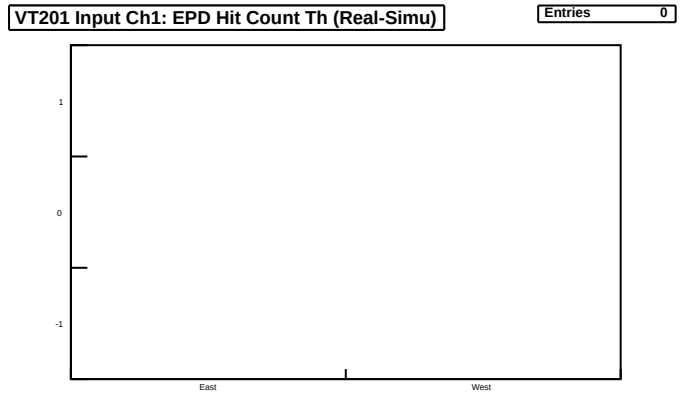

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 711970
257178
306519
98807
49466
East
West

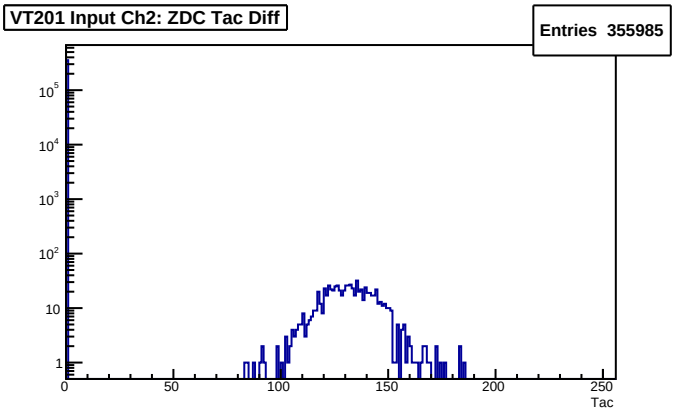

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

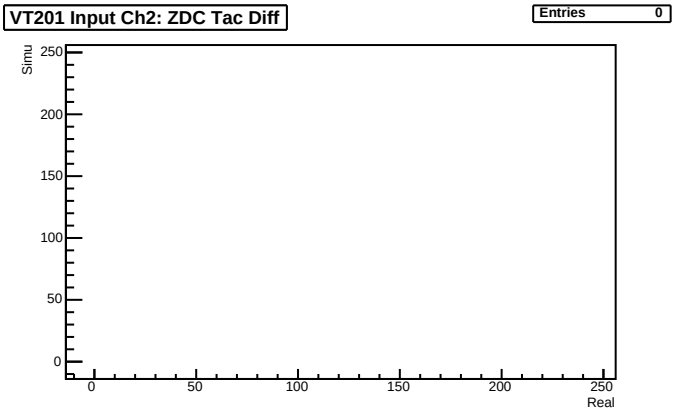

VT201 Input Ch1: EPD Tac Diff
Entries 355985
Tac

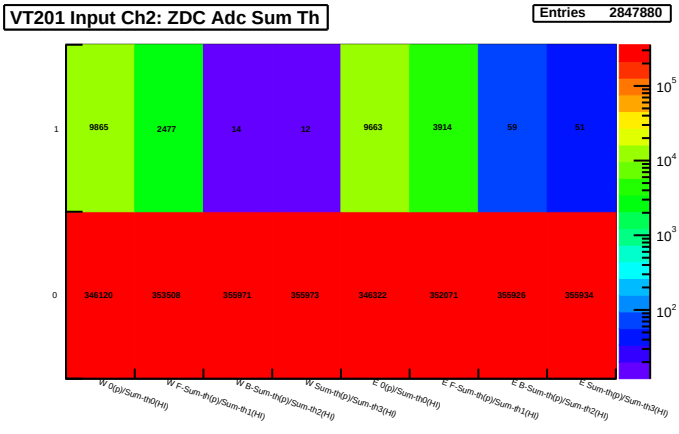

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

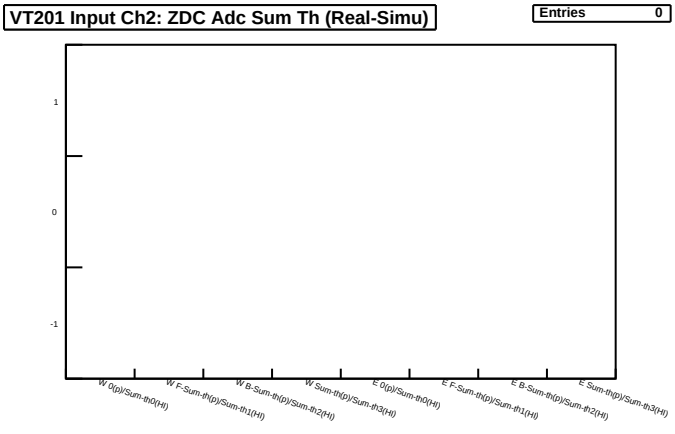

VT201 Input Ch1: EPD Hit Count Th
Entries 711970
351262
350488
4723
5497
East
West

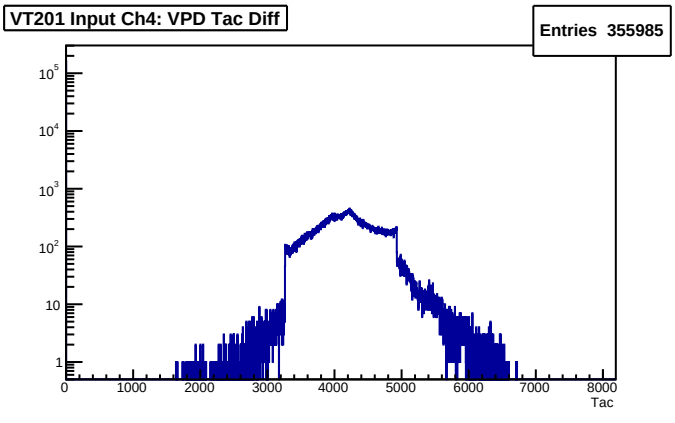

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

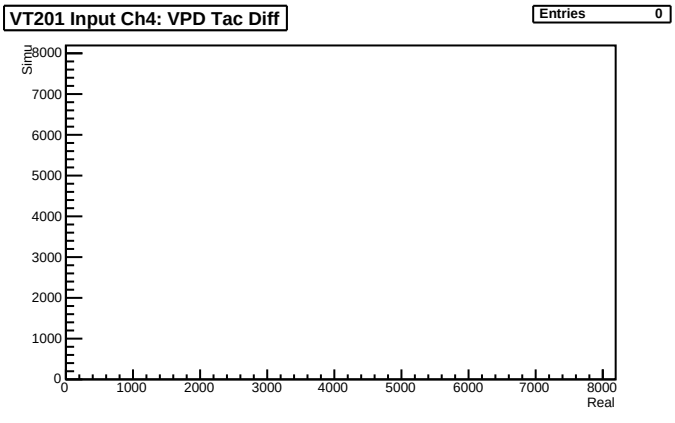

VT201 Input Ch2: ZDC Tac Diff
Entries 355985
Tac

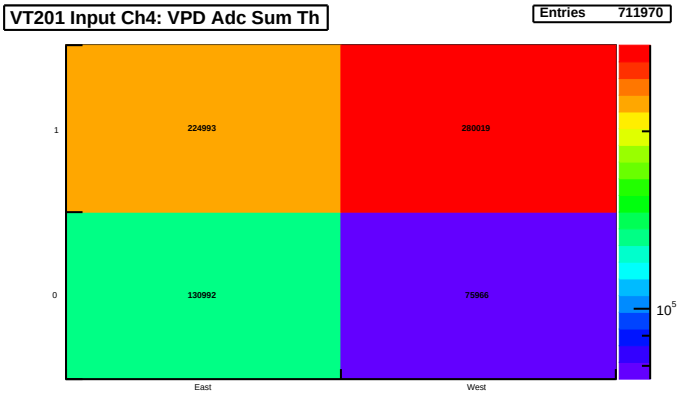

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

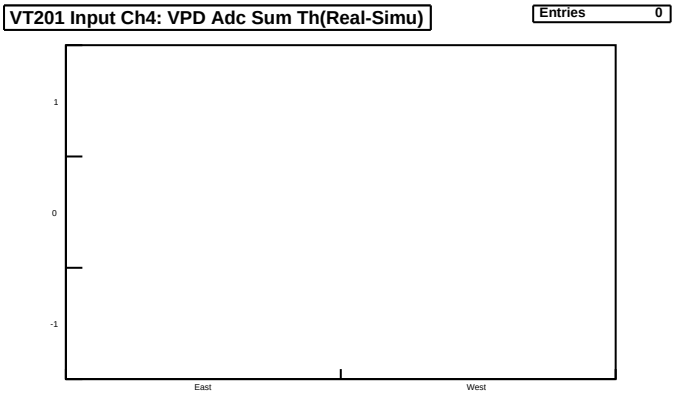

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2847880
9865
2477
14
12
9663
3914
59
51
346120
353508
355971
355973
346322
352071
355926
355934
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

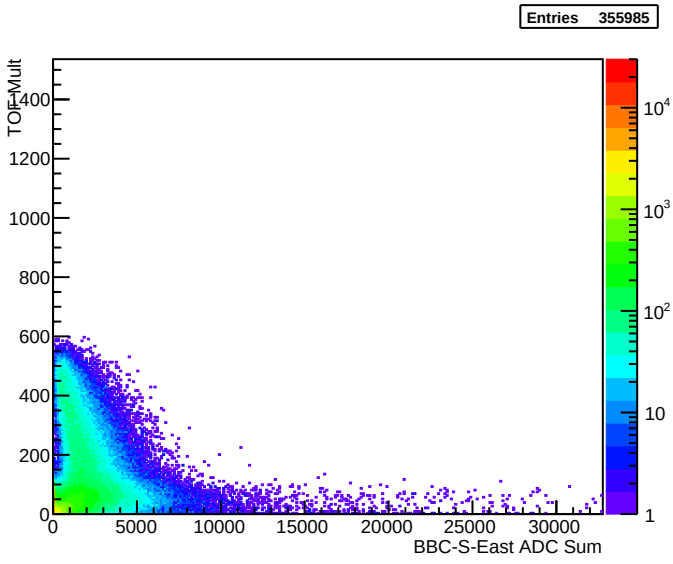

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

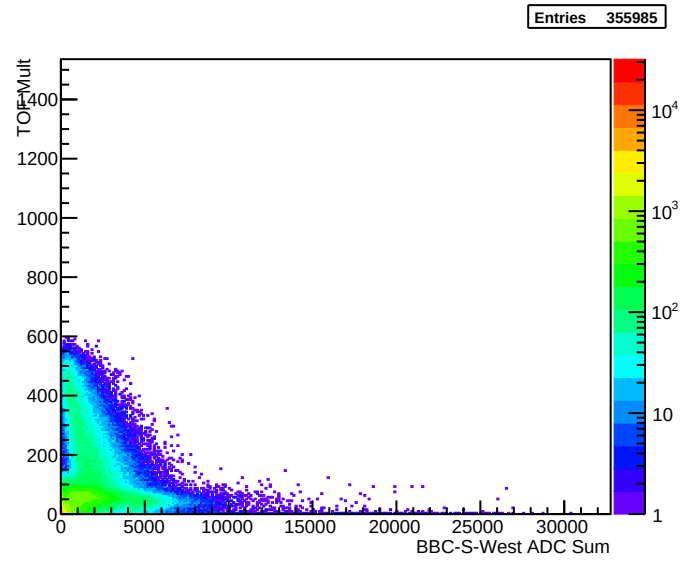

VT201 Input Ch4: VPD Tac Diff
Entries 355985
Tac

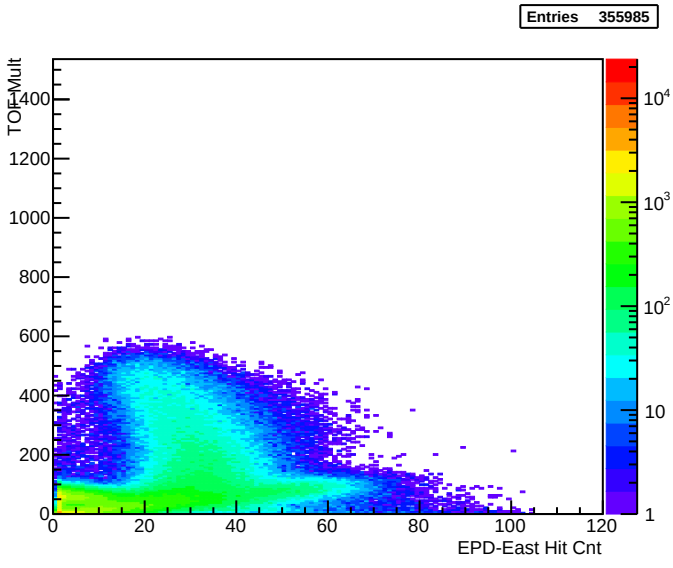

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

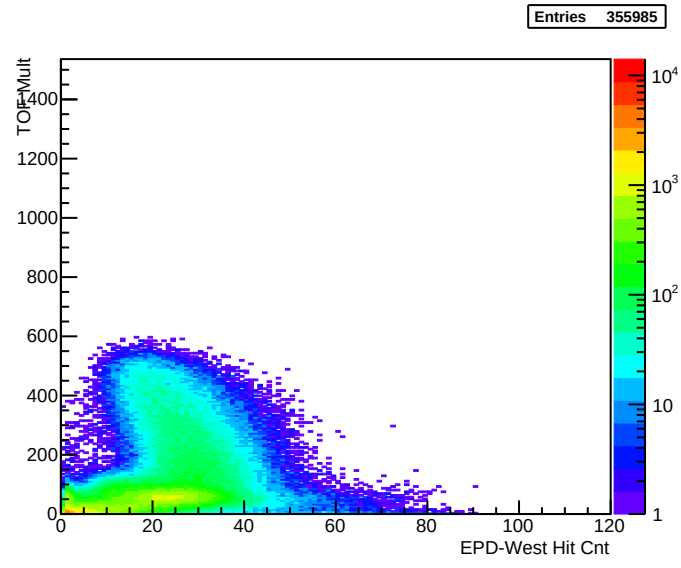

VT201 Input Ch4: VPD Adc Sum Th
Entries 711970
224993
280019
130992
75966
East
West

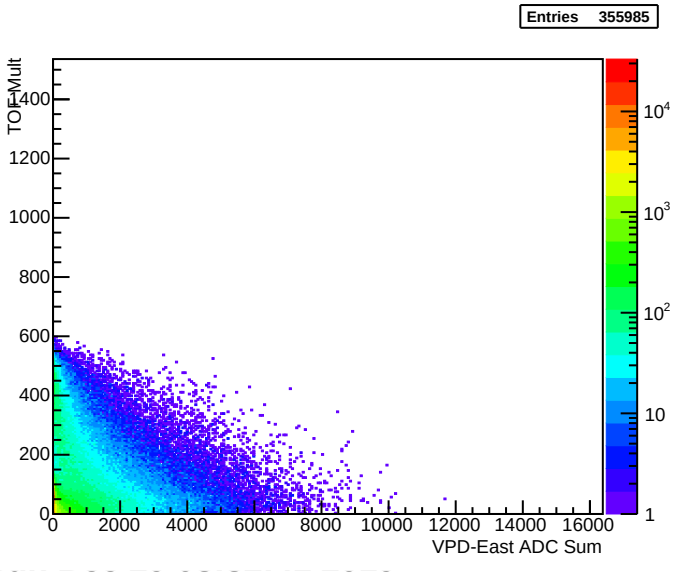

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

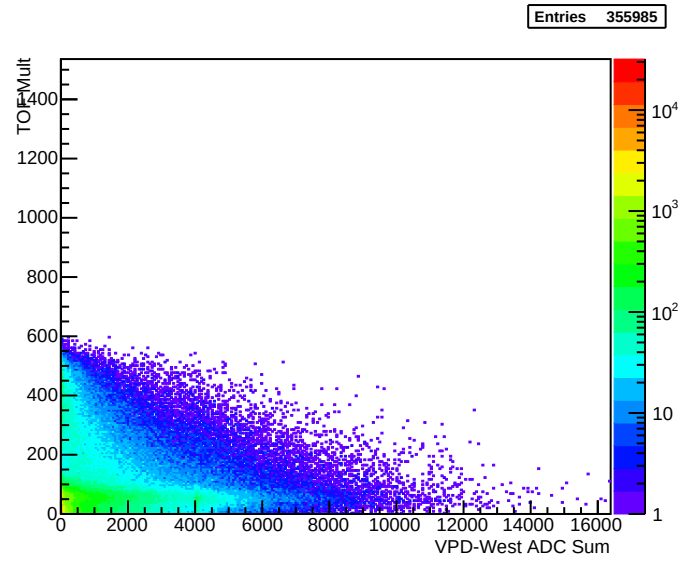

Entries 355985
TOF-Mult
BBC-S-East ADC Sum

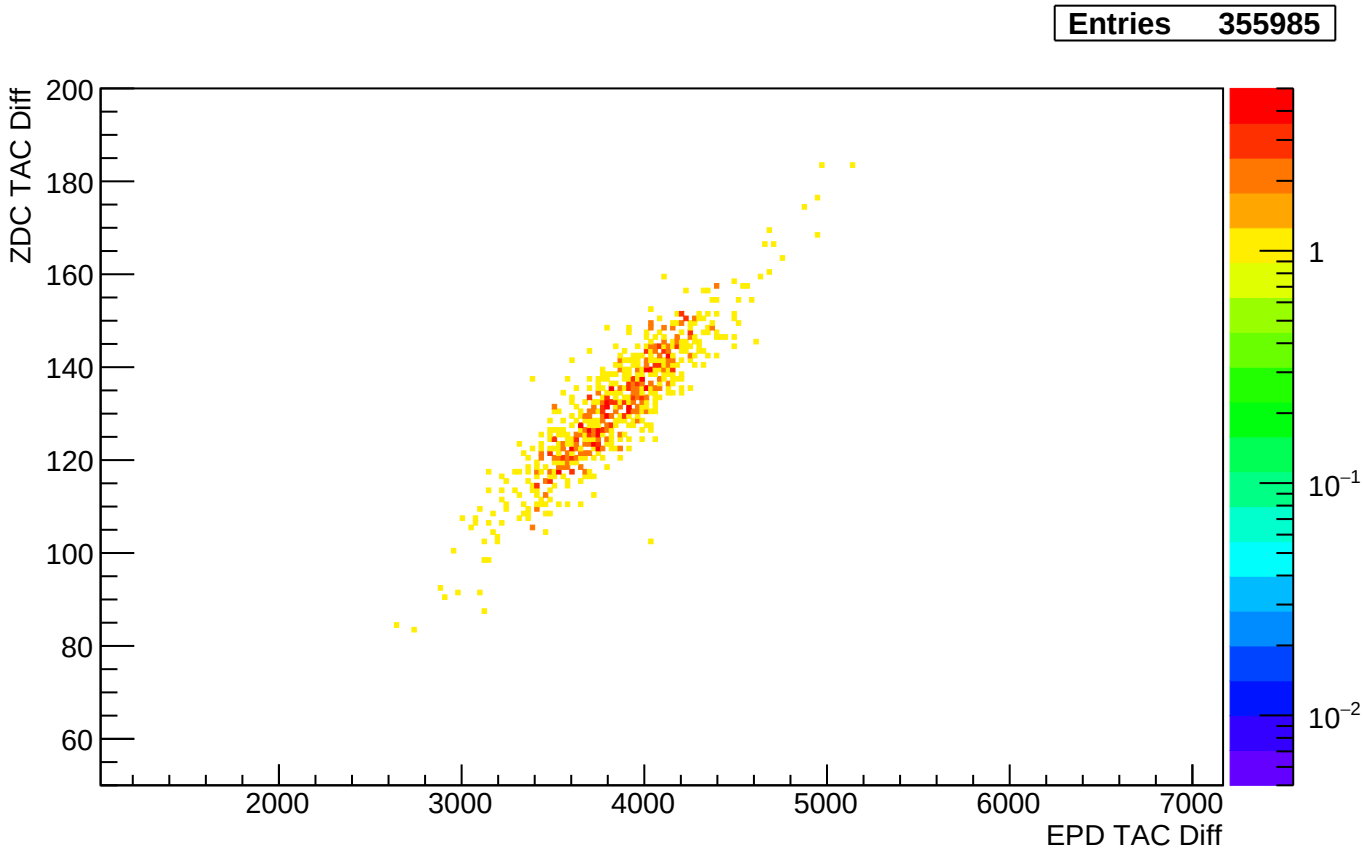

Entries 355985
TOF-Mult
BBC-S-West ADC Sum

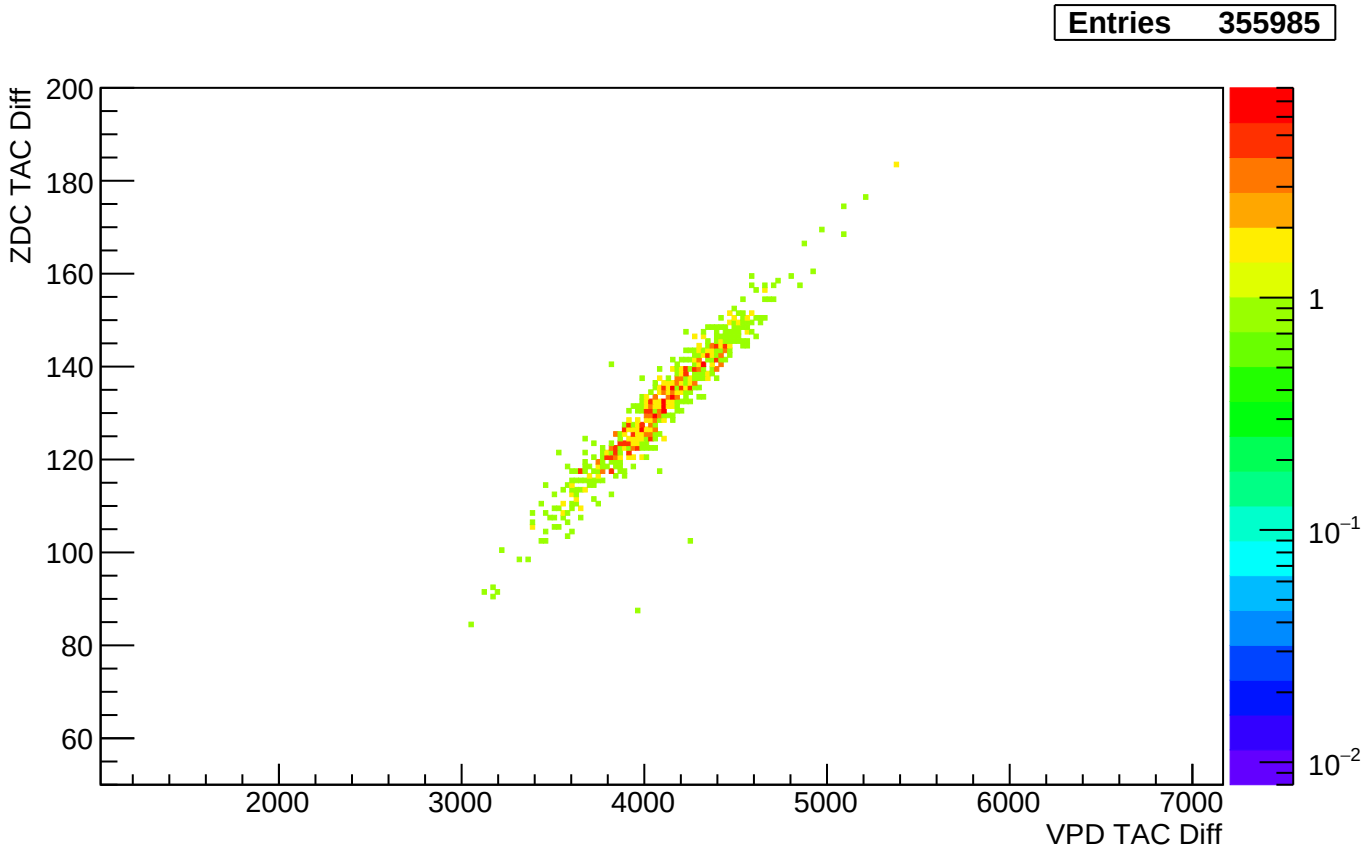

Entries 355985
TOF-Mult
EPD-East Hit Cnt

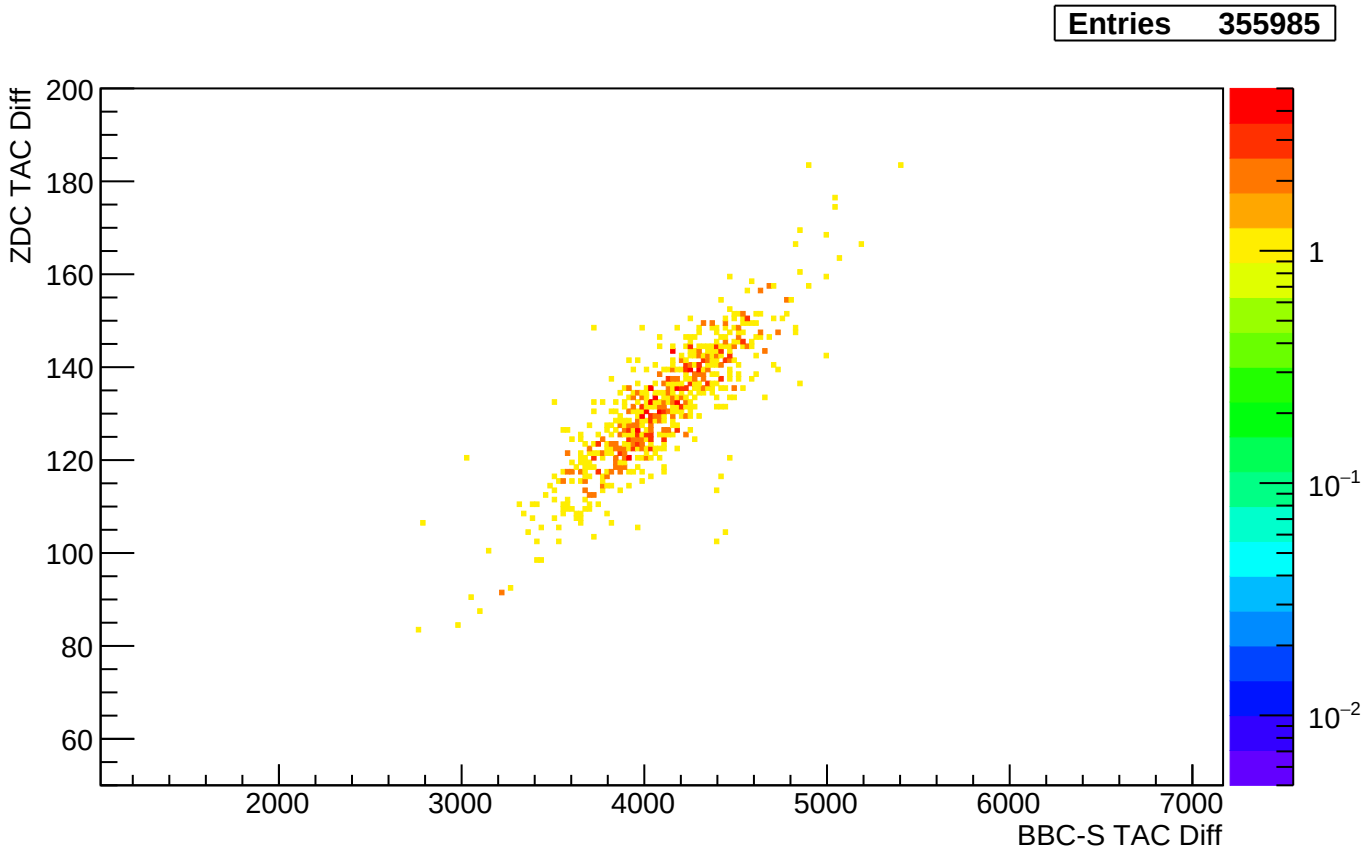

Entries 355985
TOF-Mult
EPD-West Hit Cnt

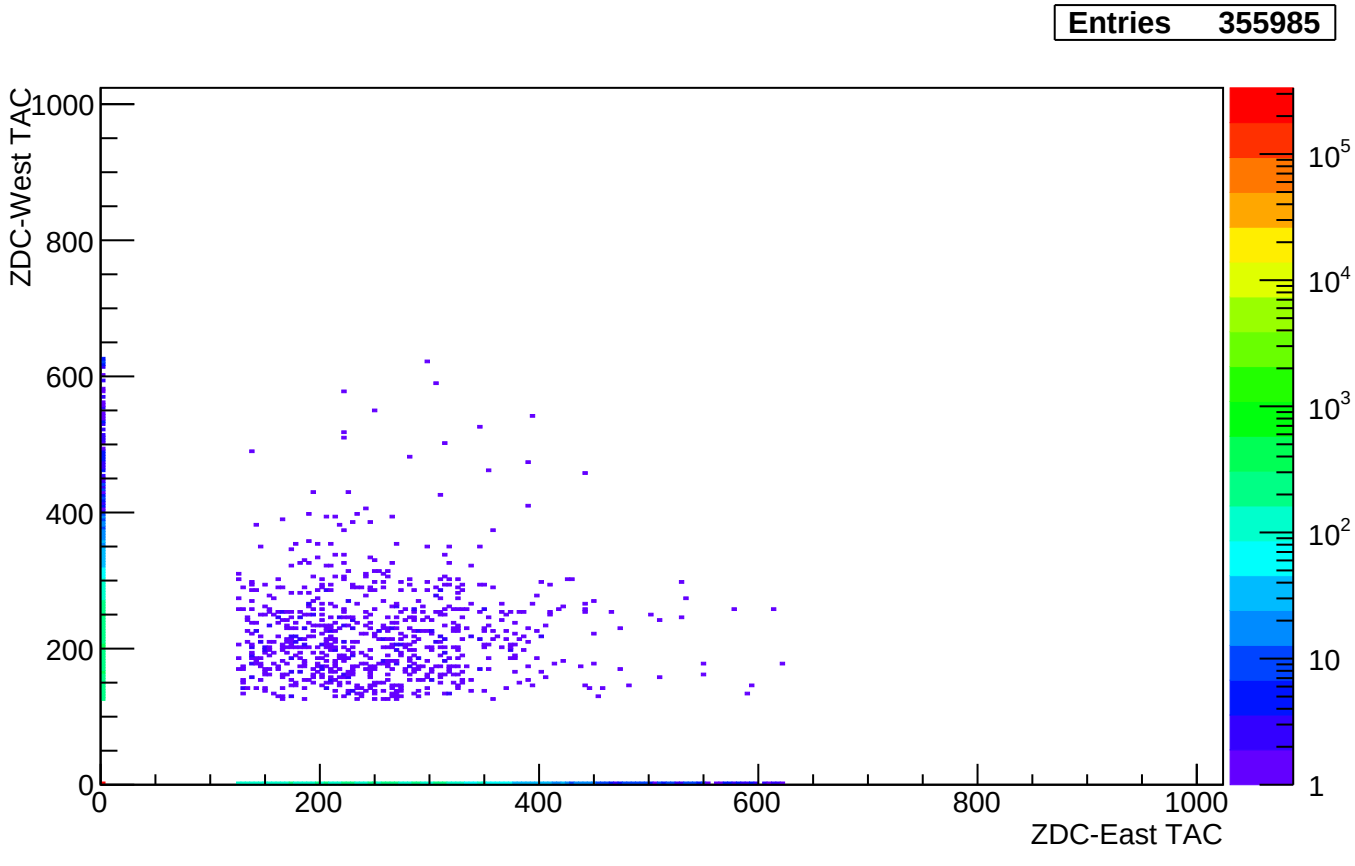

Entries 355985
TOF-Mult
VPD-East ADC Sum

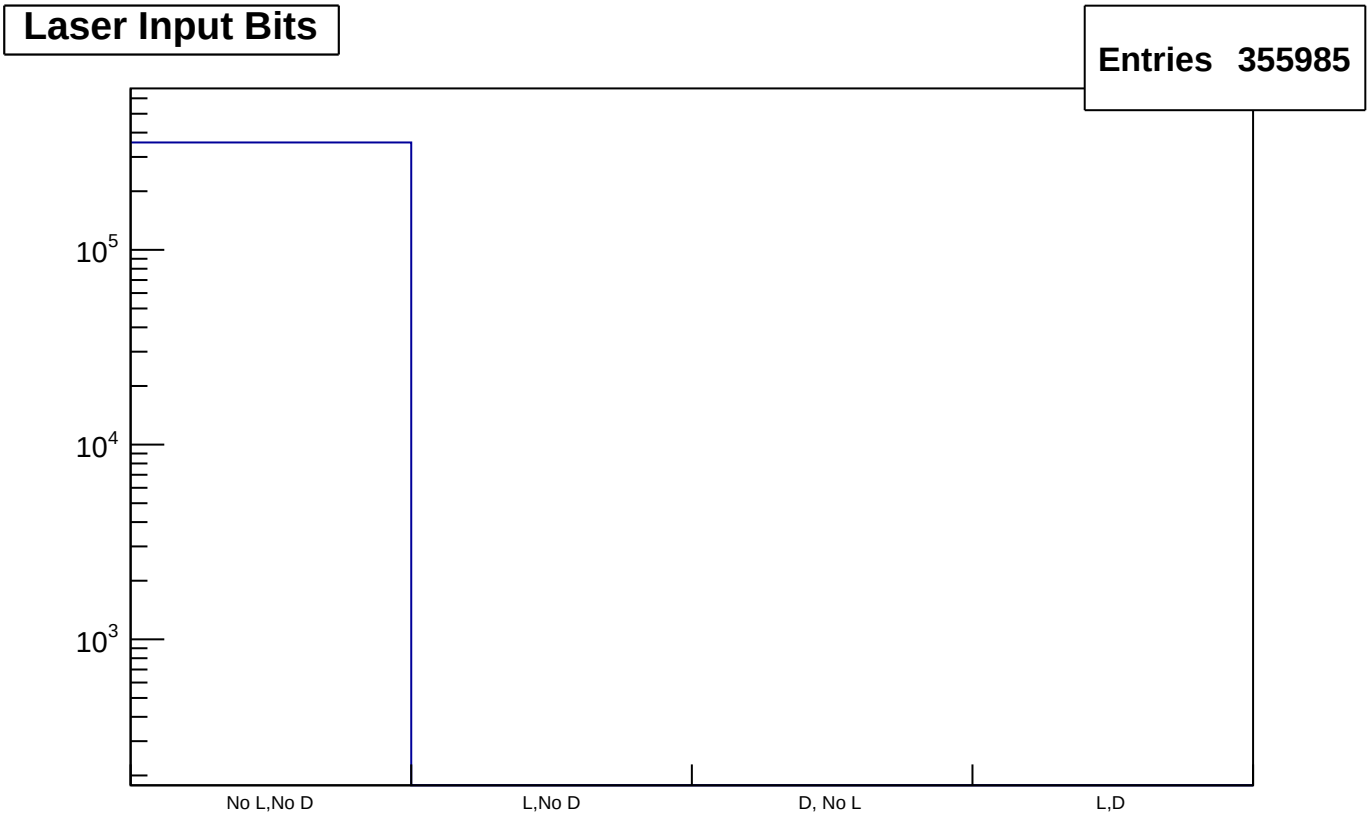

Entries 355985
TOF-Mult
VPD-West ADC Sum

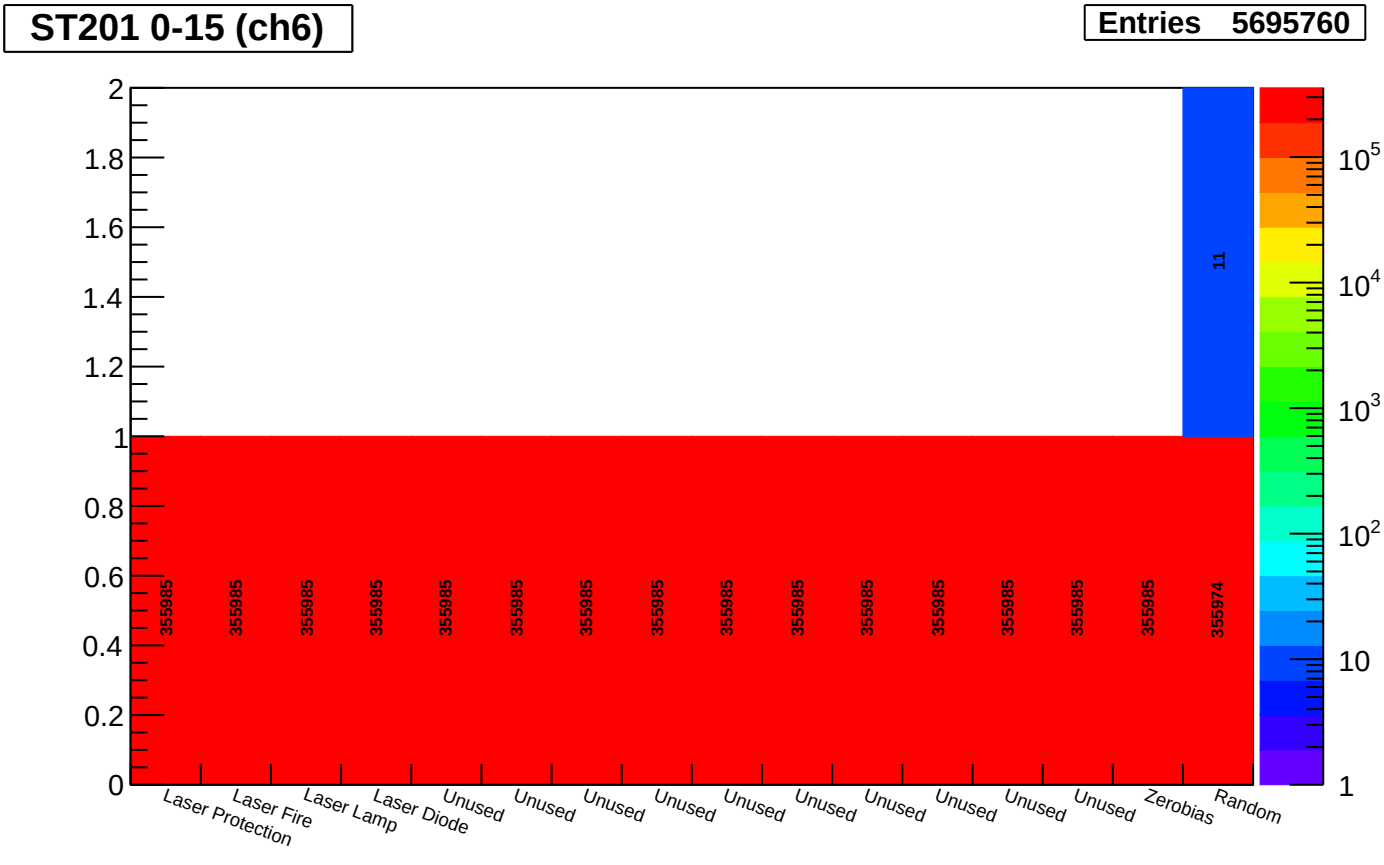

Entries 355985
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

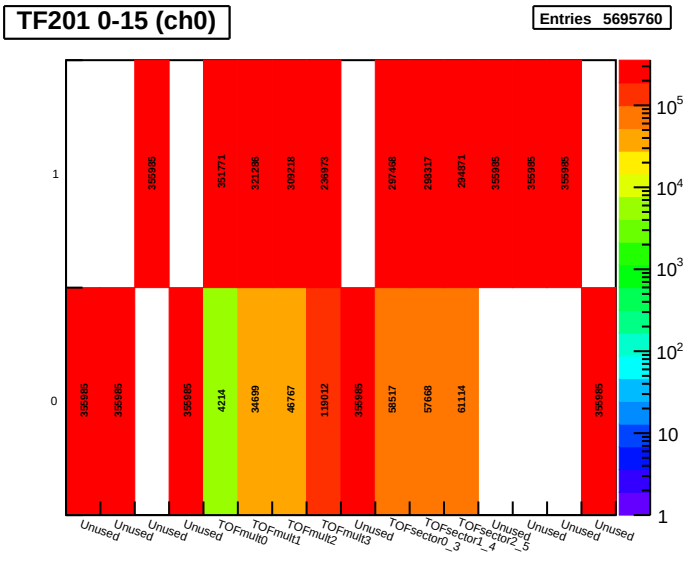

Entries 355985
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

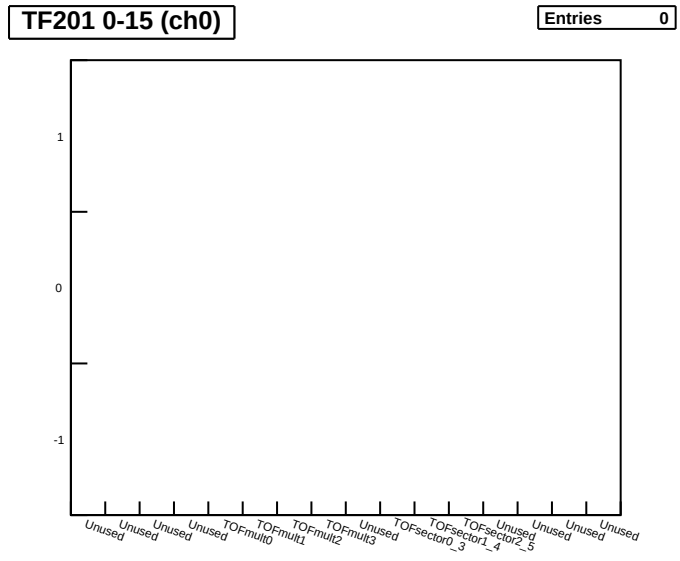

Entries 355985
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

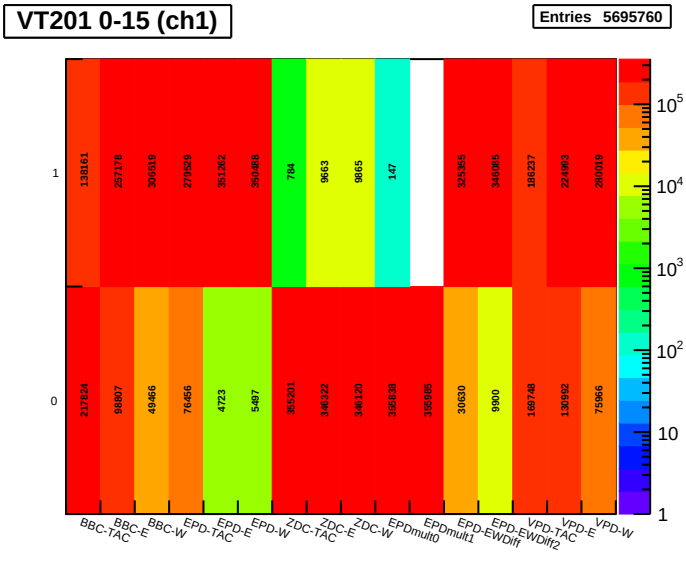

Entries 355985
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

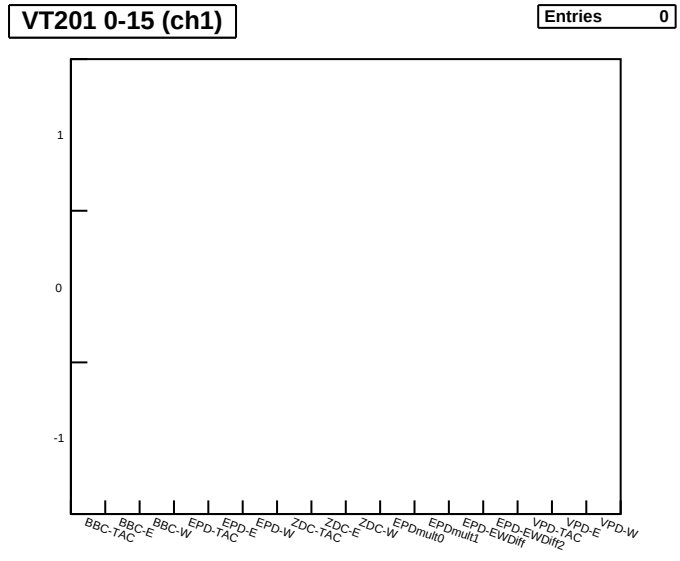

Laser Input Bits
Entries 355985
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

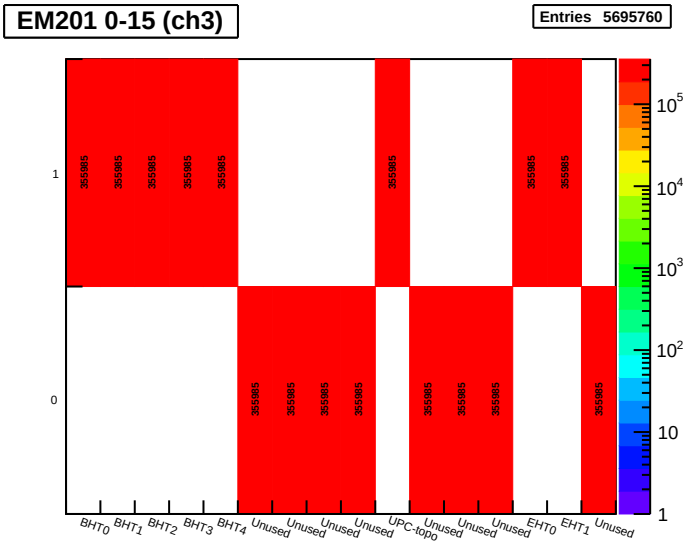

ST201 0-15 (ch6)
Entries 5695760
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
355985
355974
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

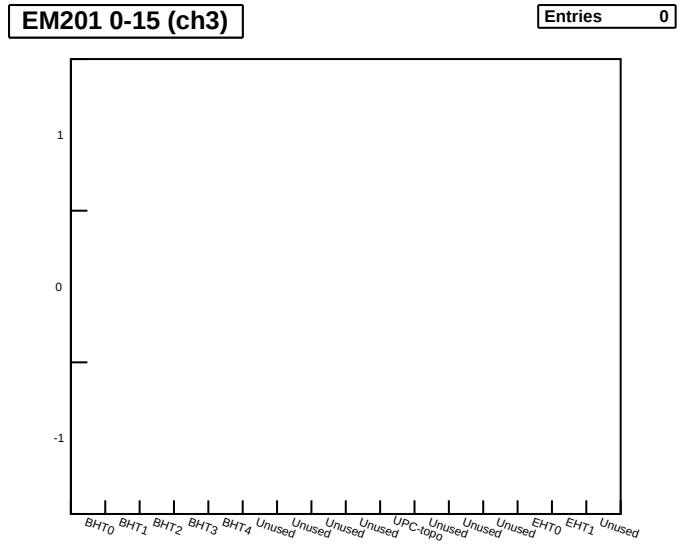

TF201 0-15 (ch0)
Entries 5695760
1
0
355985 355985 355985 351771 321286 309218 236973 297468 298317 294871 355985 355985 355985
355985 355985 355985 4214 34699 46767 119012 355985 58517 57668 61114 355985
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5695760
1
0
138161 257178 306519 279529 351262 350488 784 9663 9865 147 325355 346085 186237 224993 280019
217824 98807 49466 76456 4723 5497 355201 346322 346120 355838 355985 30630 9900 168748 130992 75966
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 5695760
1
0
355985 355985 355985 355985 355985 355985 355985 355985
355985 355985 355985 355985 355985 355985 355985 355985
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