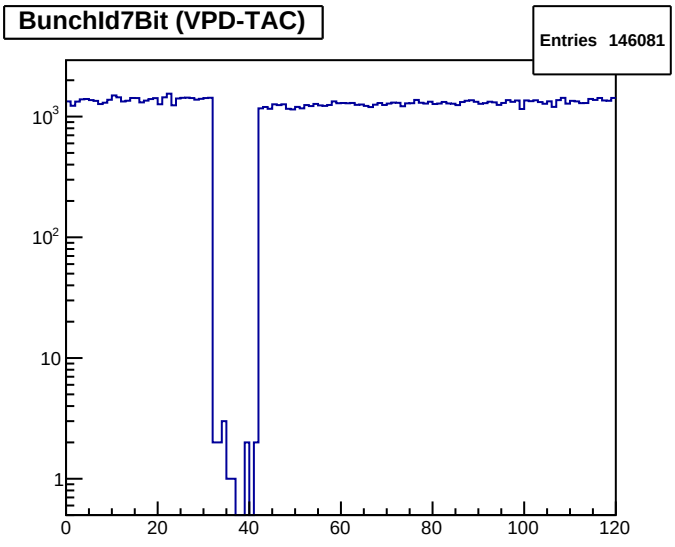
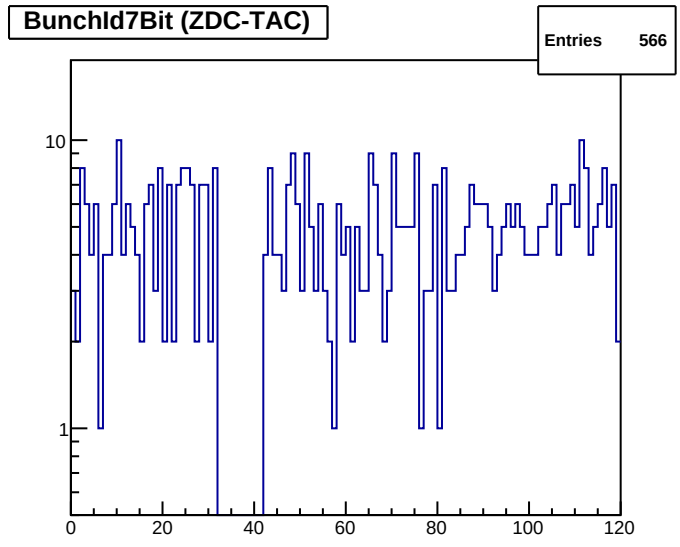
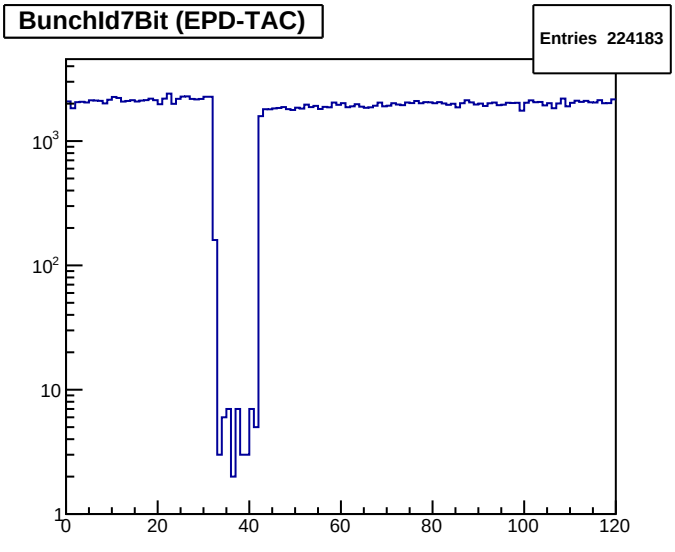
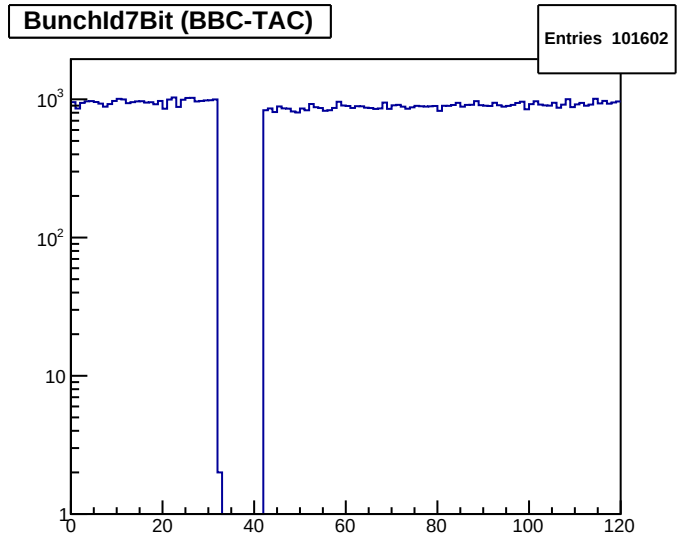
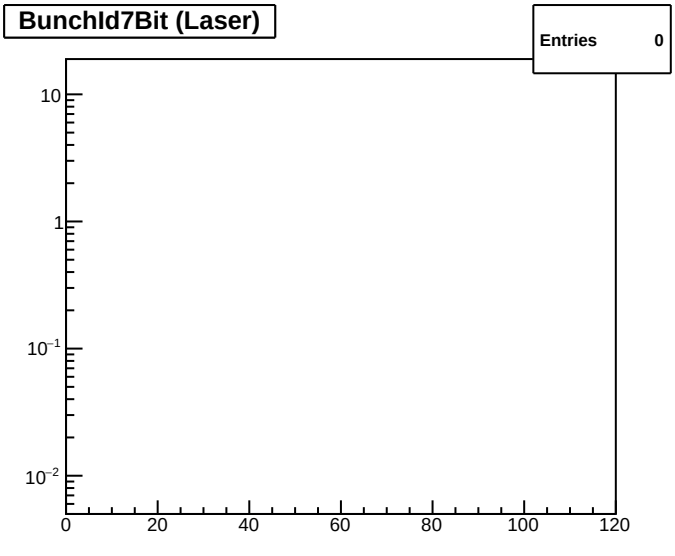
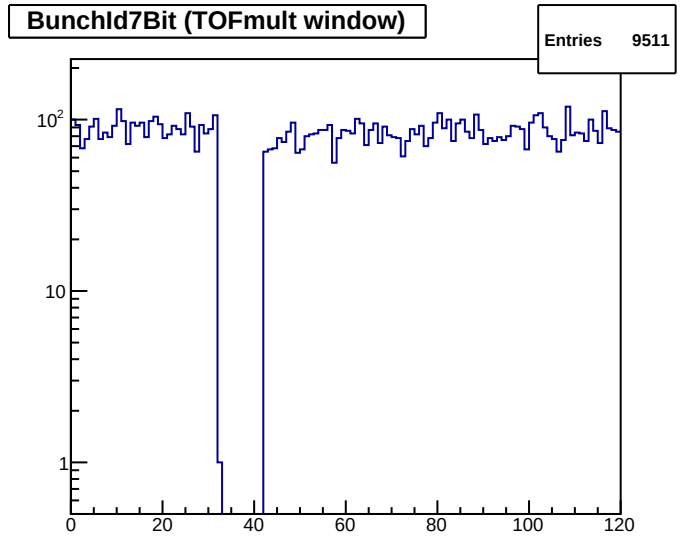

BunchId7Bit (VPD-TAC)
Entries 146081

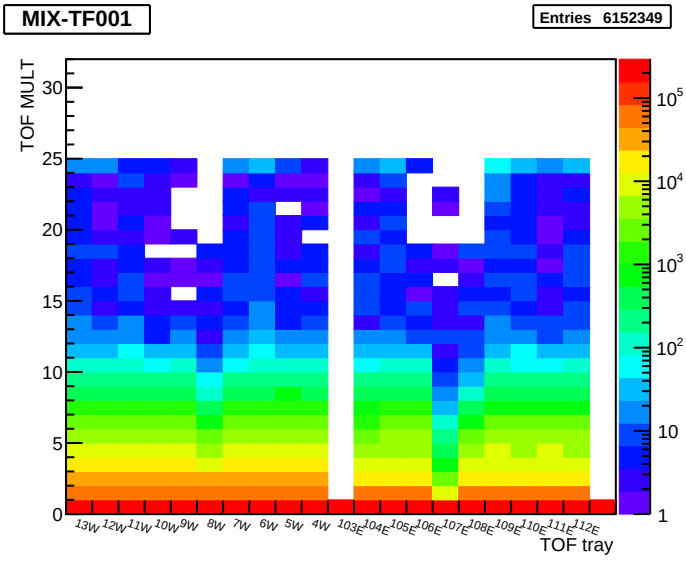

BunchId7Bit (ZDC-TAC)
Entries 566

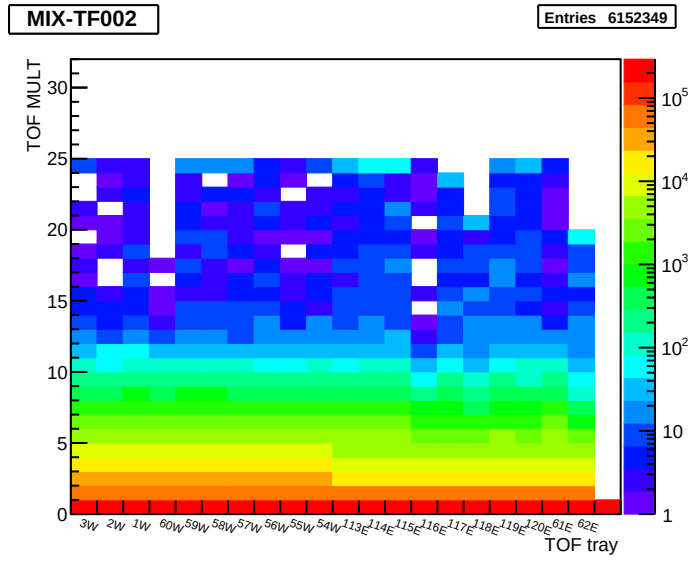

BunchId7Bit (EPD-TAC)
Entries 224183

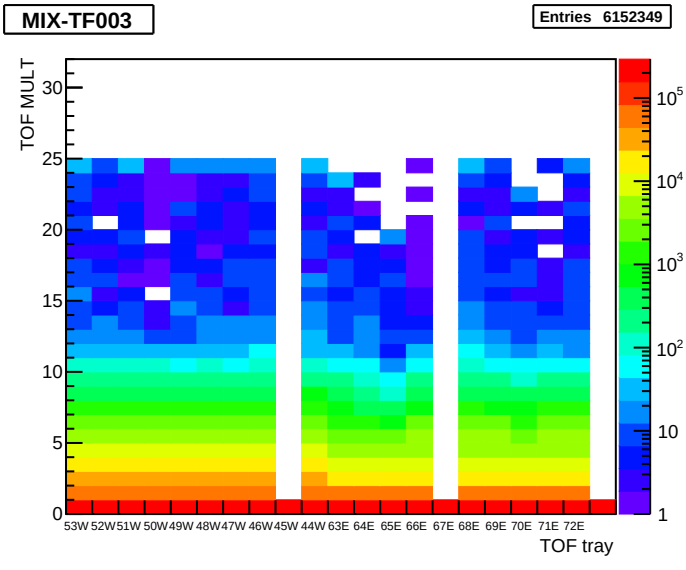

BunchId7Bit (BBC-TAC)
Entries 101602

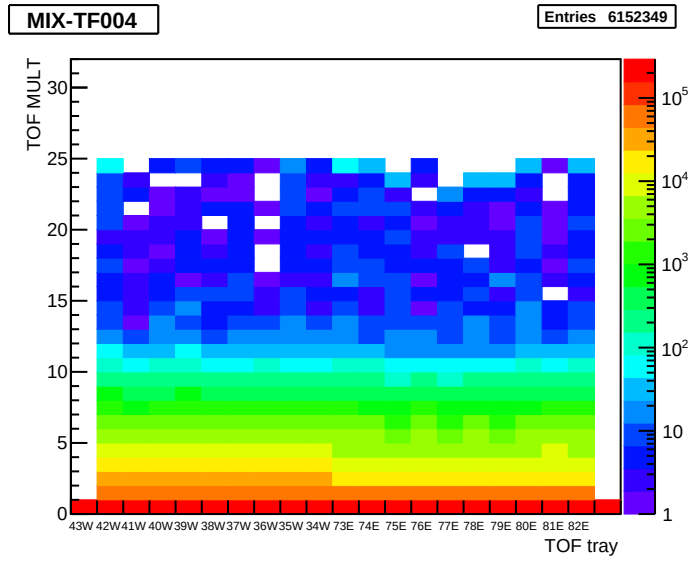

BunchId7Bit (Laser)
Entries 0

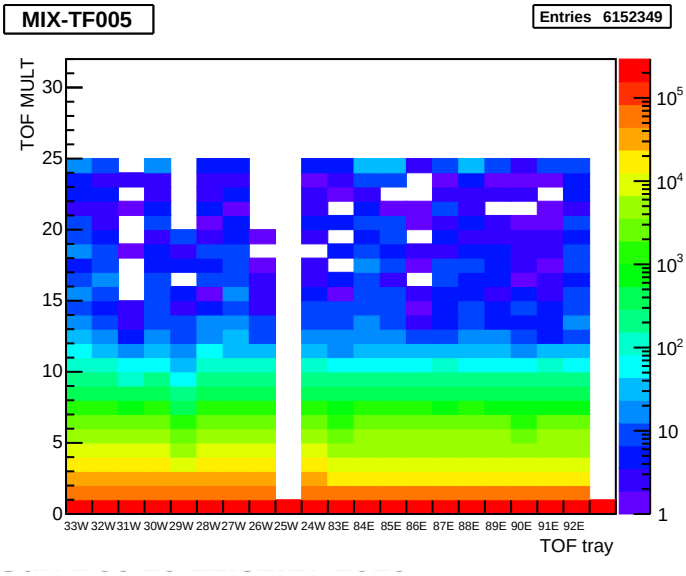

BunchId7Bit (TOFmult window)
Entries 9511

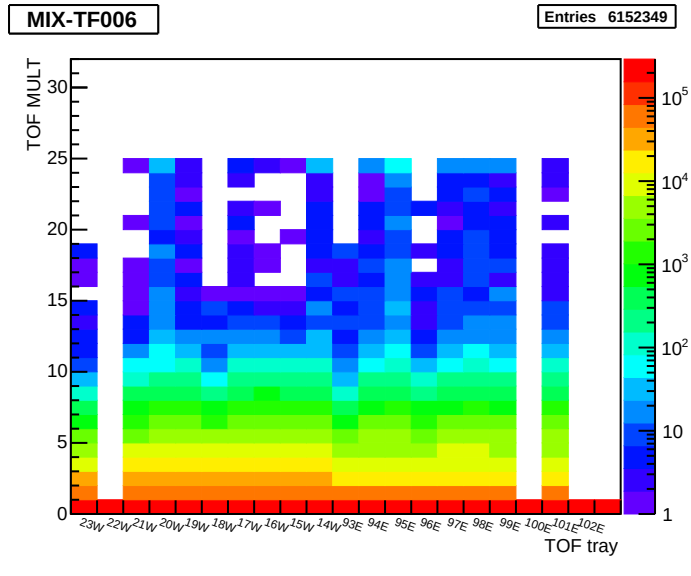

MIX-TF001
Entries 6152349
TOF MULT
TOF tray

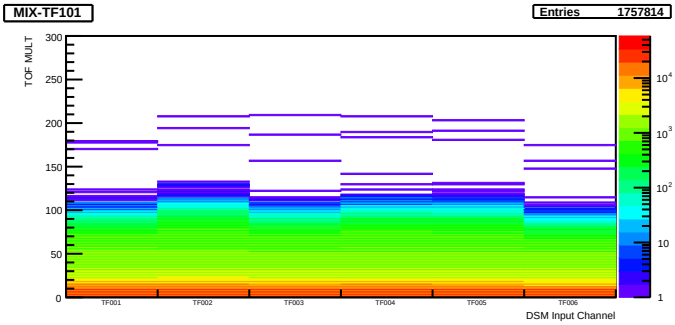

MIX-TF002
Entries 6152349
TOF MULT
TOF tray

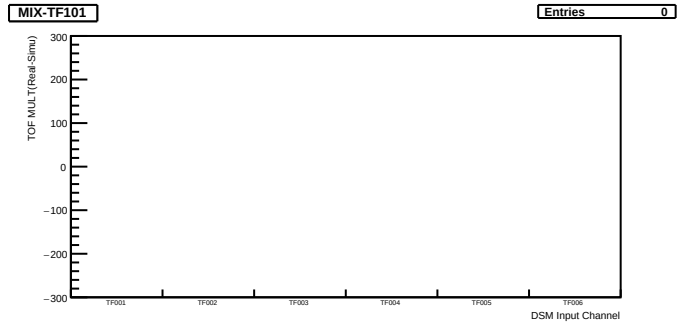

MIX-TF003
Entries 6152349
TOF MULT
TOF tray

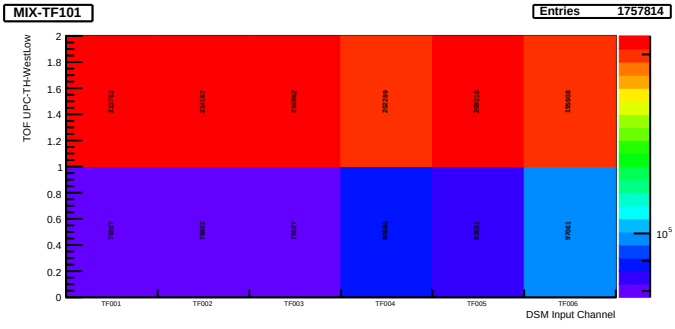

MIX-TF004
Entries 6152349
TOF MULT
TOF tray

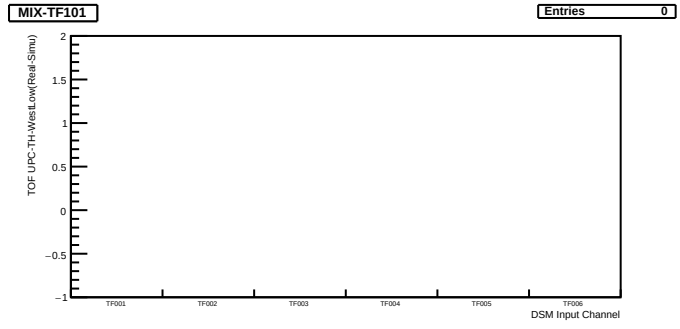

MIX-TF005
Entries 6152349
TOF MULT
TOF tray

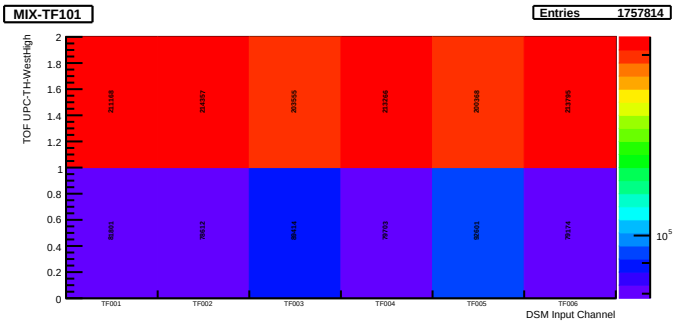

MIX-TF006
Entries 6152349
TOF MULT
TOF tray

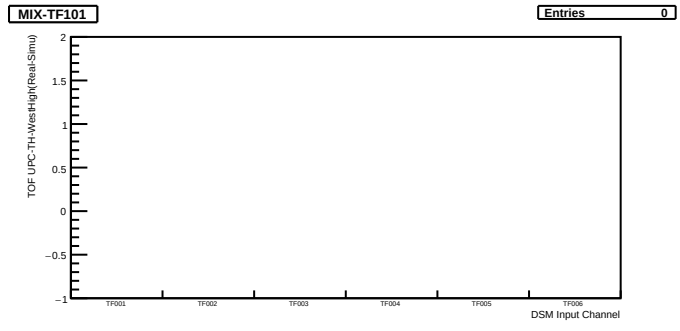

MIX-TF101
Entries 1757814
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

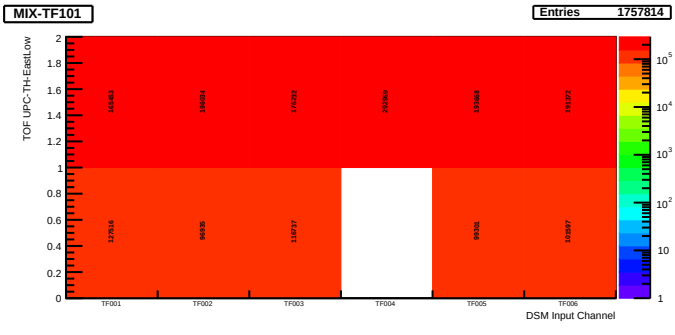

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

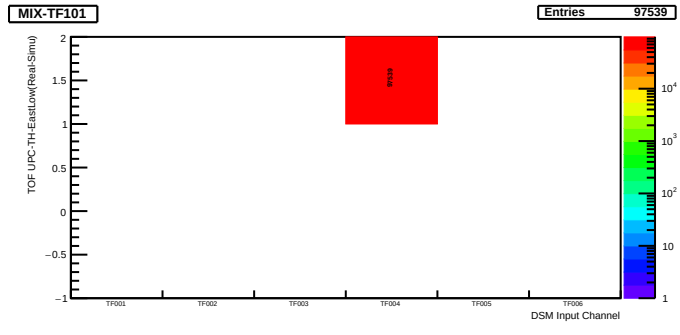

MIX-TF101
Entries 1757814
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

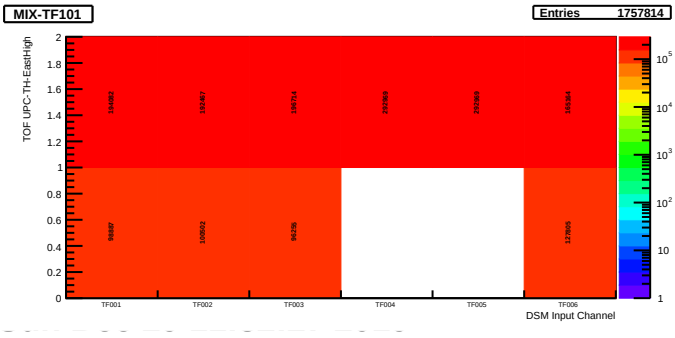

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

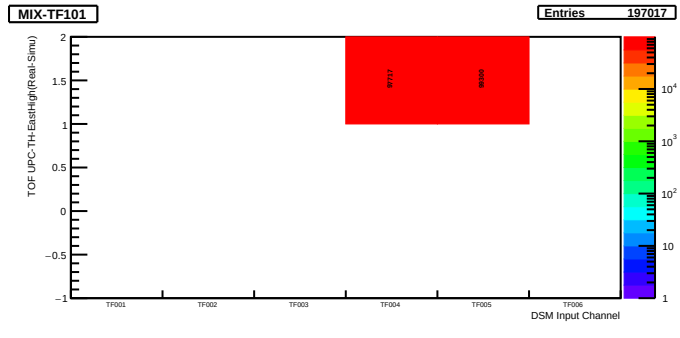

MIX-TF101
Entries 1757814
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

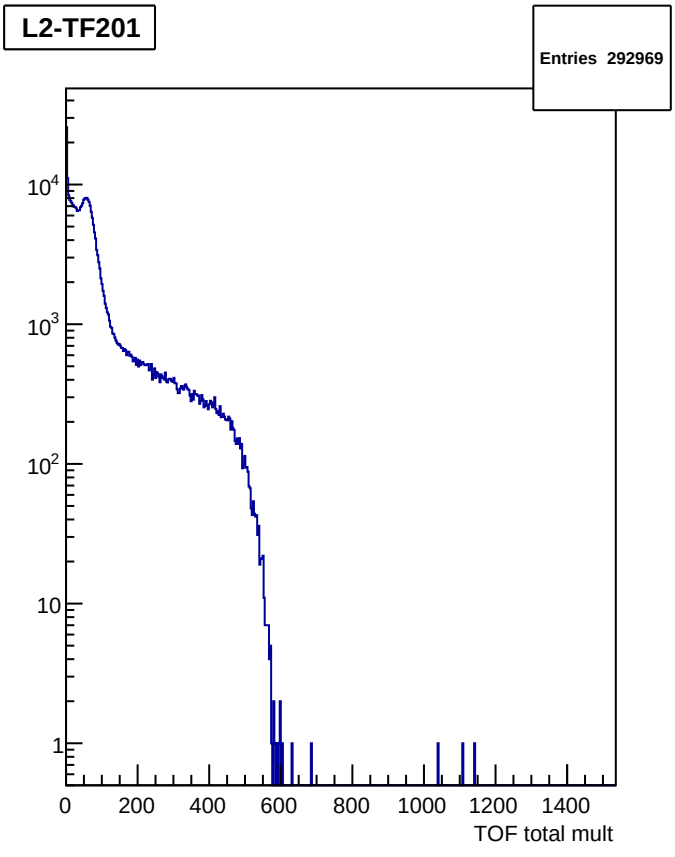

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

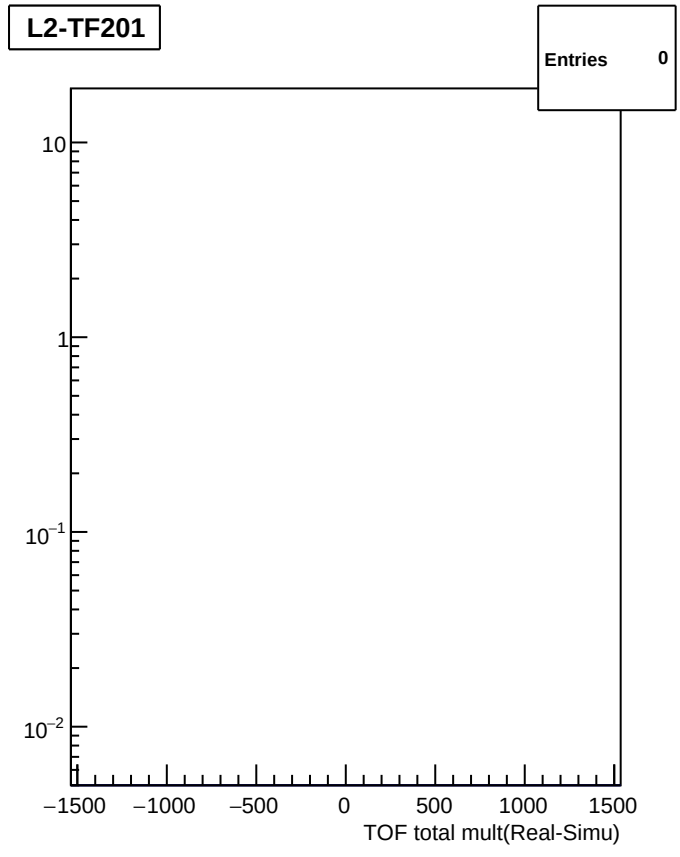

MIX-TF101
Entries 1757814
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

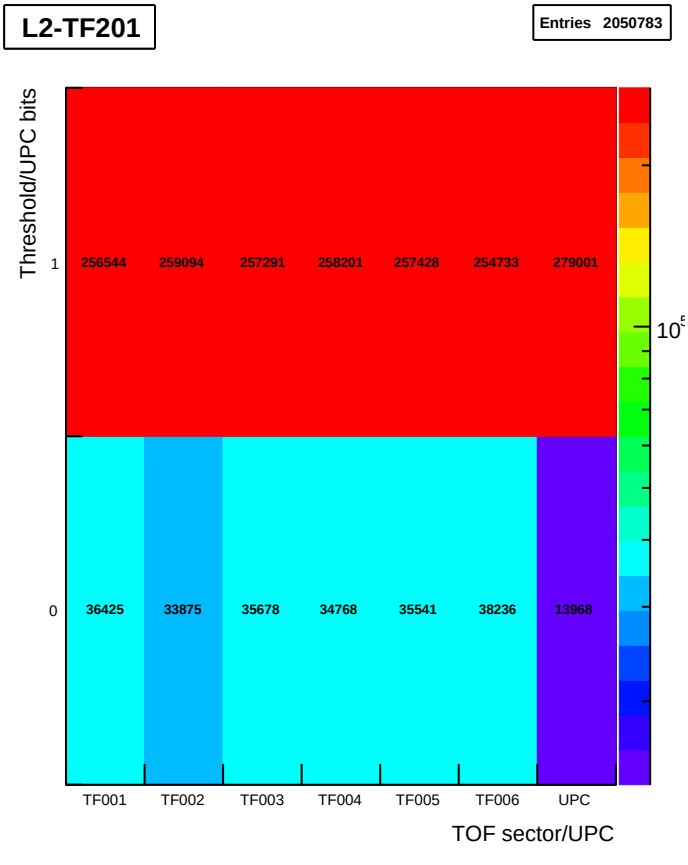

MIX-TF101
Entries 97539
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

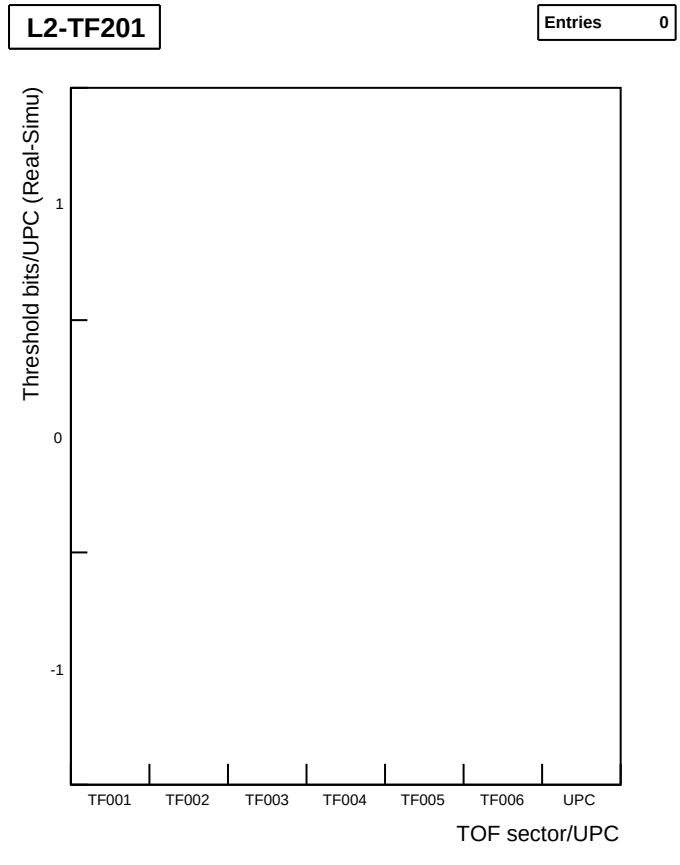

MIX-TF101
Entries 1757814
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

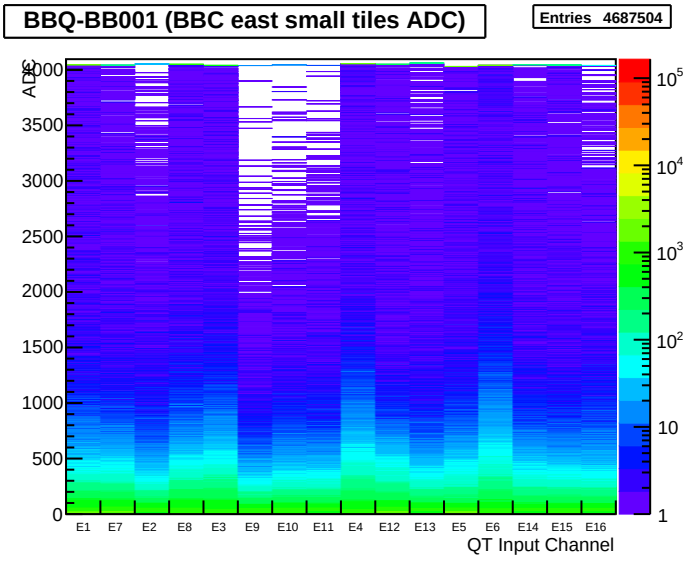

MIX-TF101
Entries 197017
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

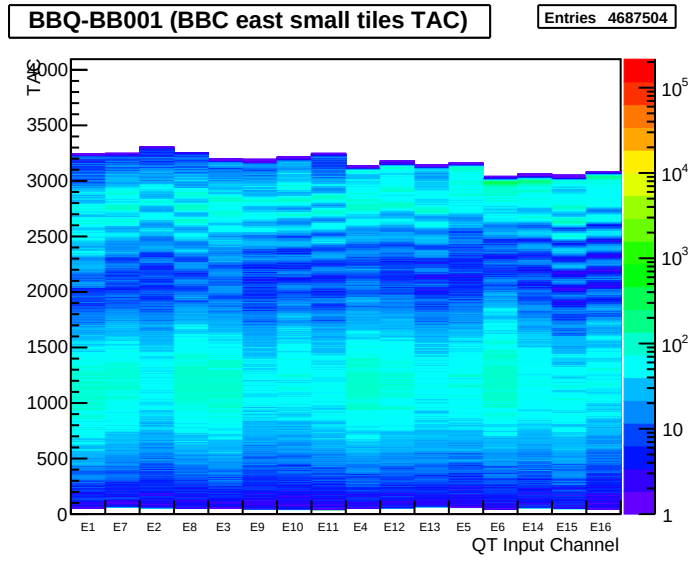

L2-TF201
Entries 292969
TOF total mult

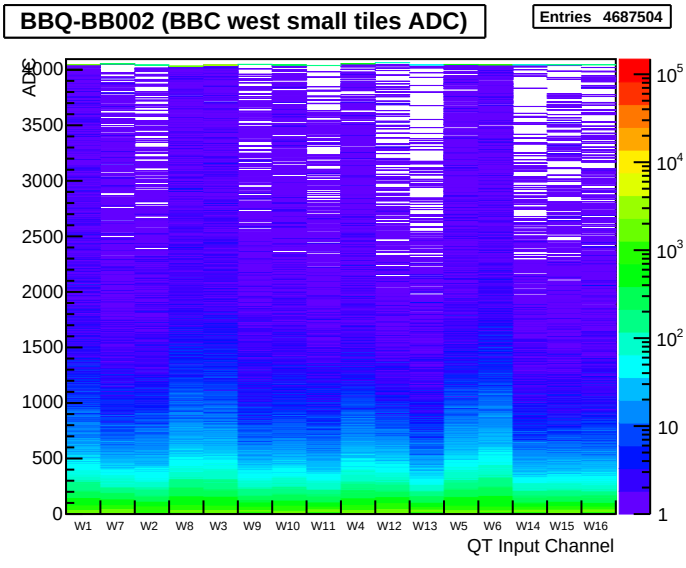

L2-TF201
Entries 0
TOF total mult(Real-Simu)

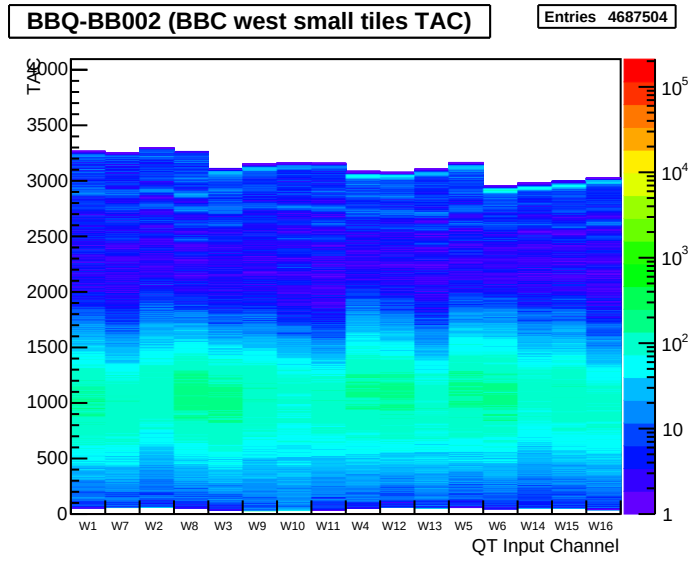

L2-TF201
Entries 2050783
Threshold/UPC bits
256544
259094
257291
258201
257428
254733
279001
36425
33875
35678
34768
35541
38236
13968
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

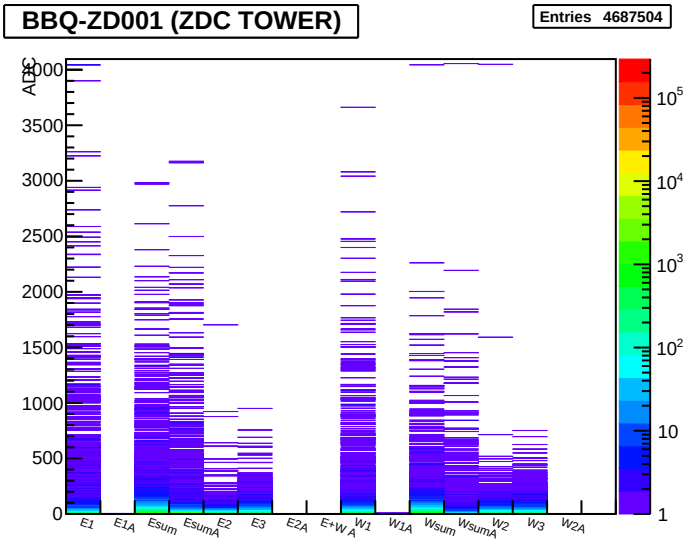

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

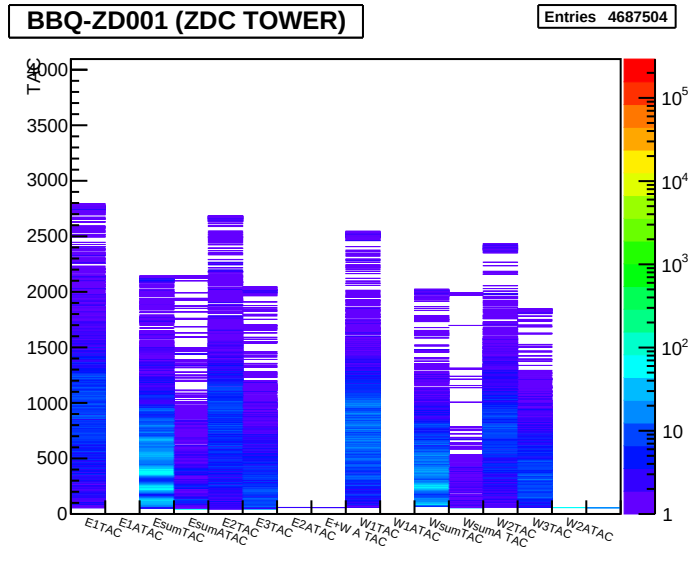

BBQ-BB001 (BBC east small tiles ADC)
Entries 4687504
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

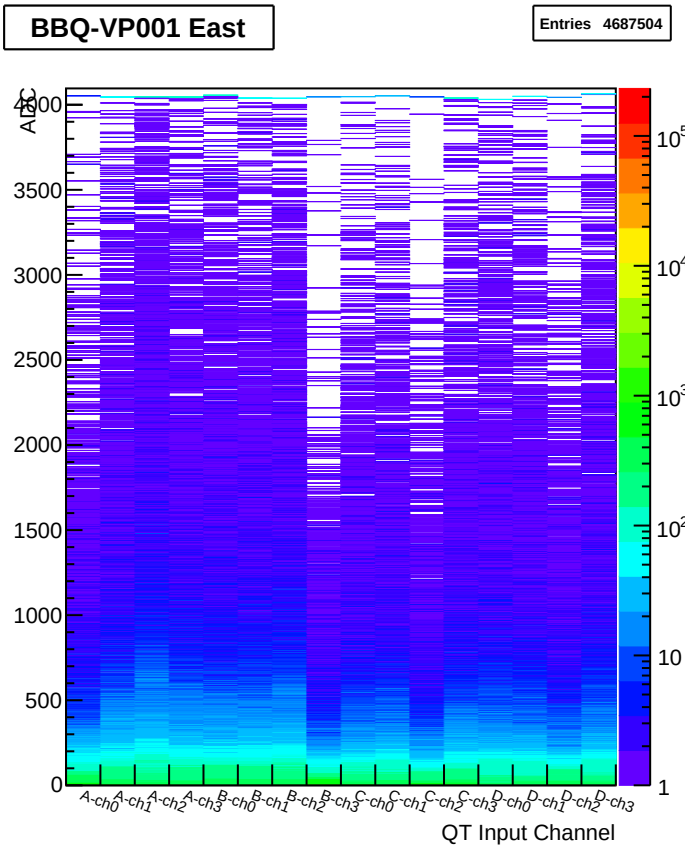

BBQ-BB001 (BBC east small tiles TAC)
Entries 4687504
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

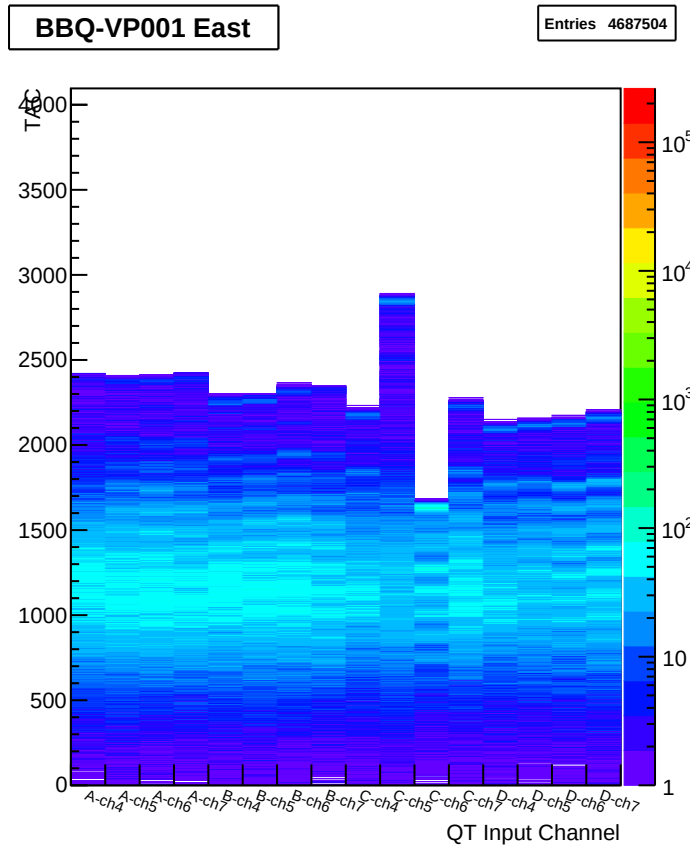

BBQ-BB002 (BBC west small tiles ADC)
Entries 4687504
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

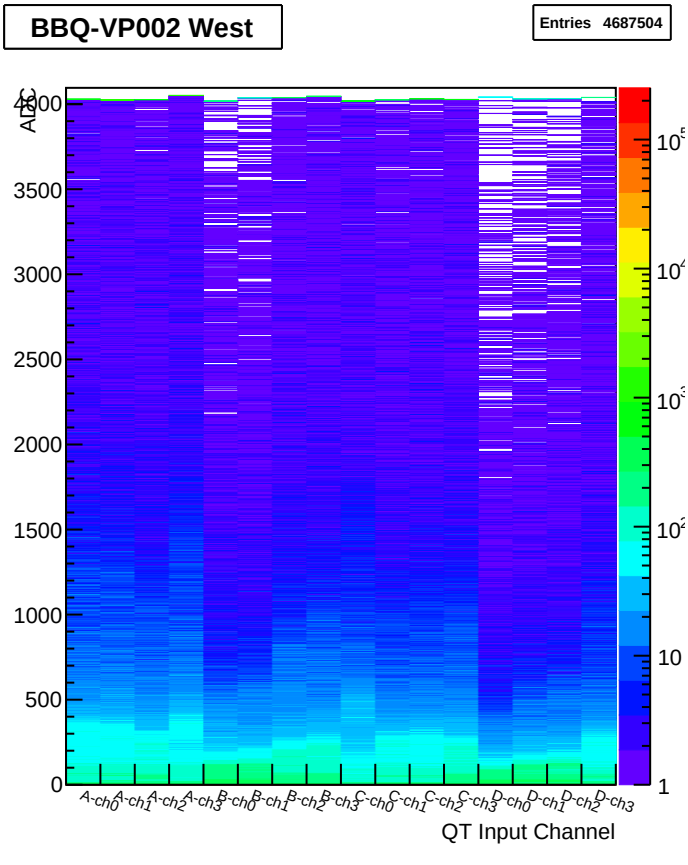

BBQ-BB002 (BBC west small tiles TAC)
Entries 4687504
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

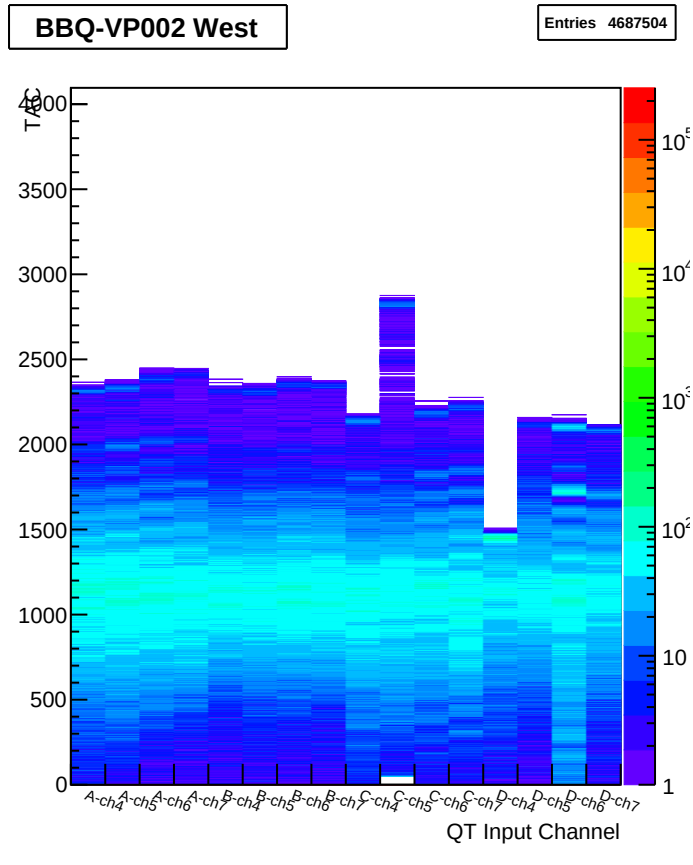

BBQ-ZD001 (ZDC TOWER)
Entries 4687504
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

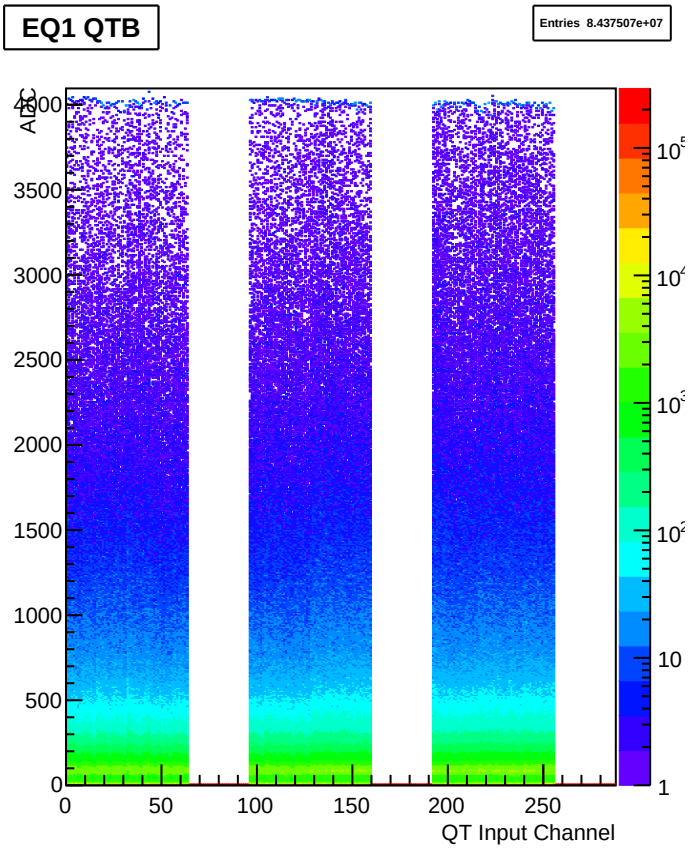

BBQ-ZD001 (ZDC TOWER)
Entries 4687504
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

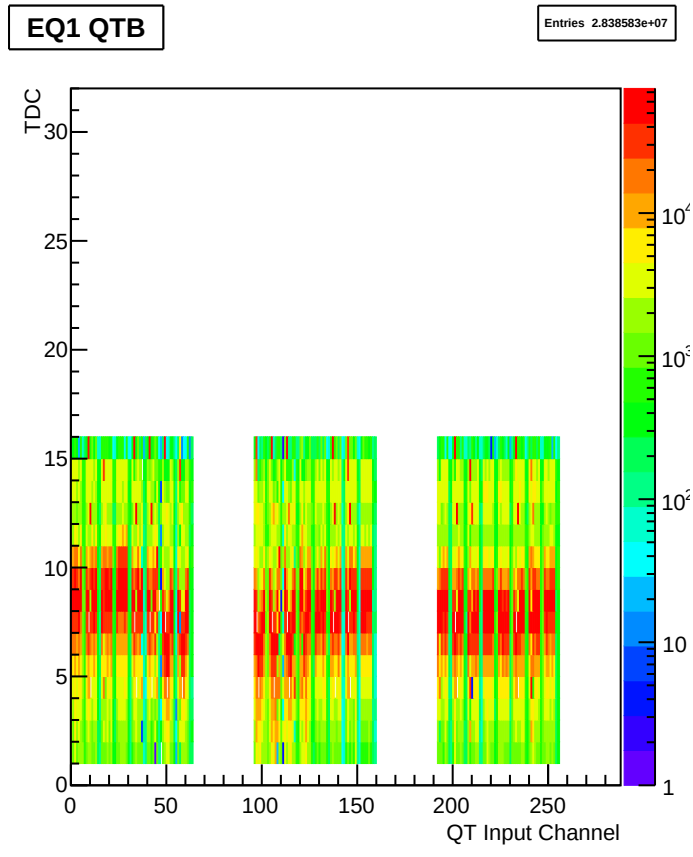

BBQ-VP001 East
Entries 4687504
ADC
QT Input Channel

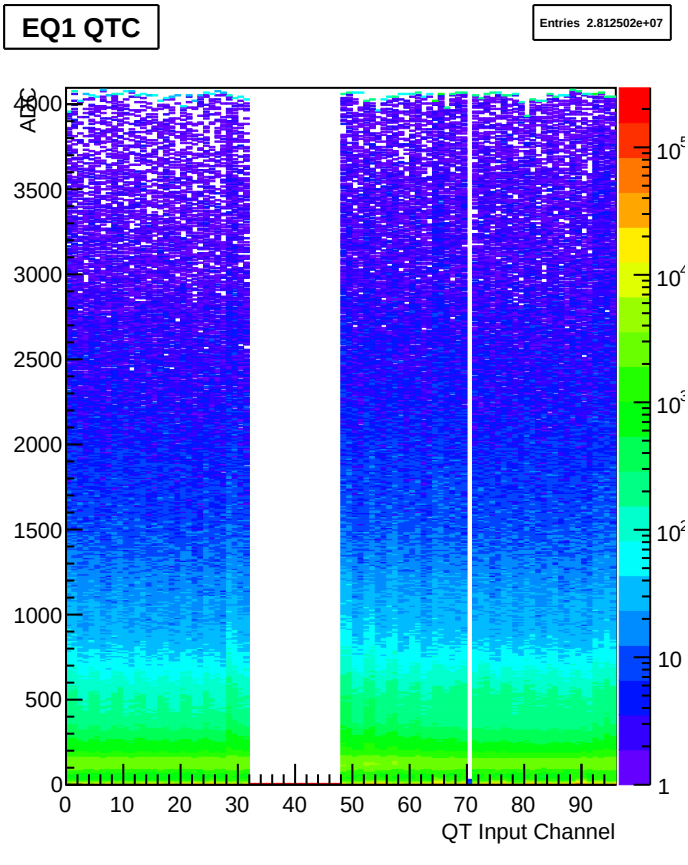

BBQ-VP001 East
Entries 4687504
TADC
QT Input Channel

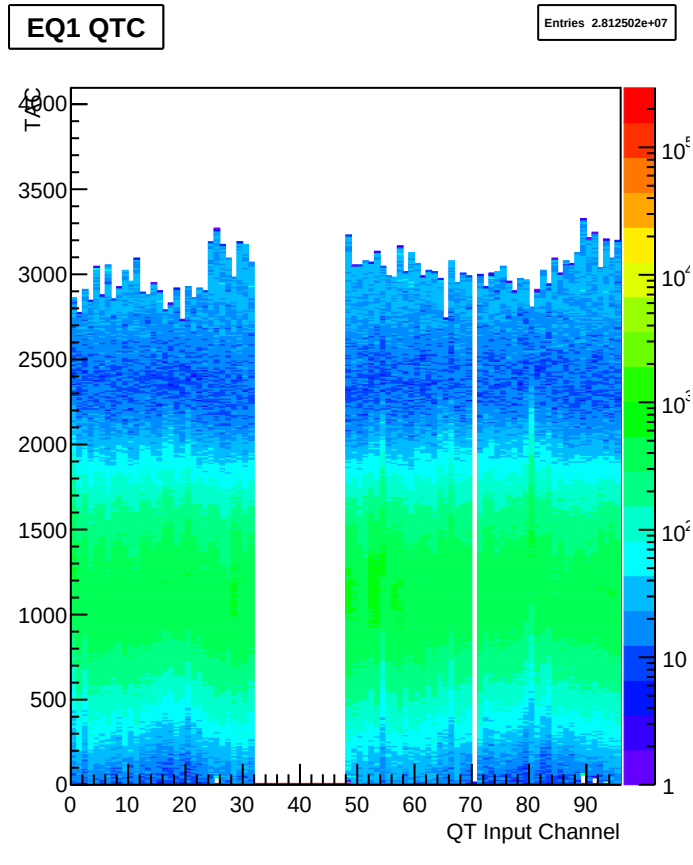

BBQ-VP002 West
Entries 4687504
ADC
QT Input Channel

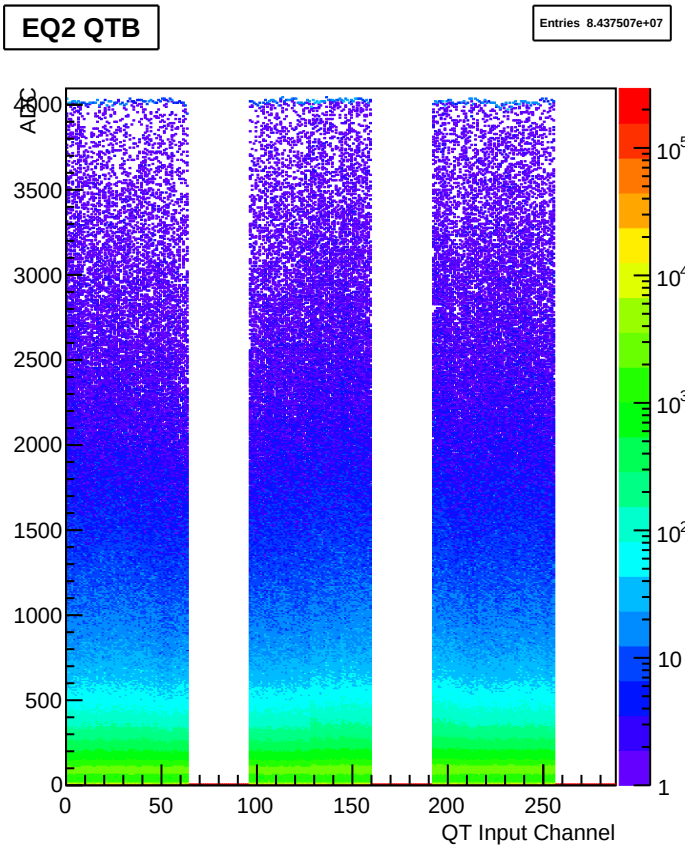

BBQ-VP002 West
Entries 4687504
TADC
QT Input Channel

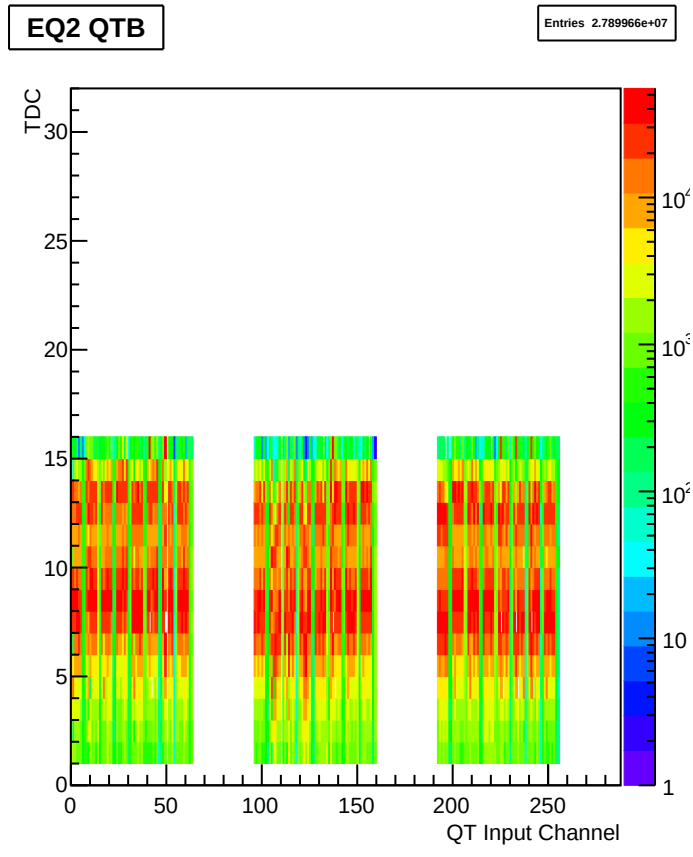

EQ1 QTB
Entries 8.437507e+07
ADC
QT Input Channel

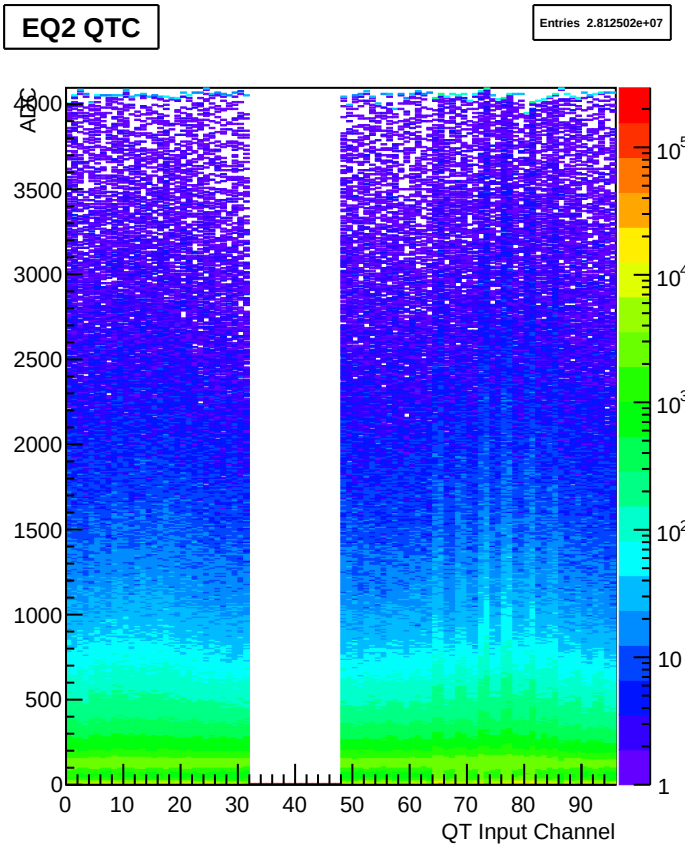

EQ1 QTB
Entries 2.838583e+07
TDC
QT Input Channel

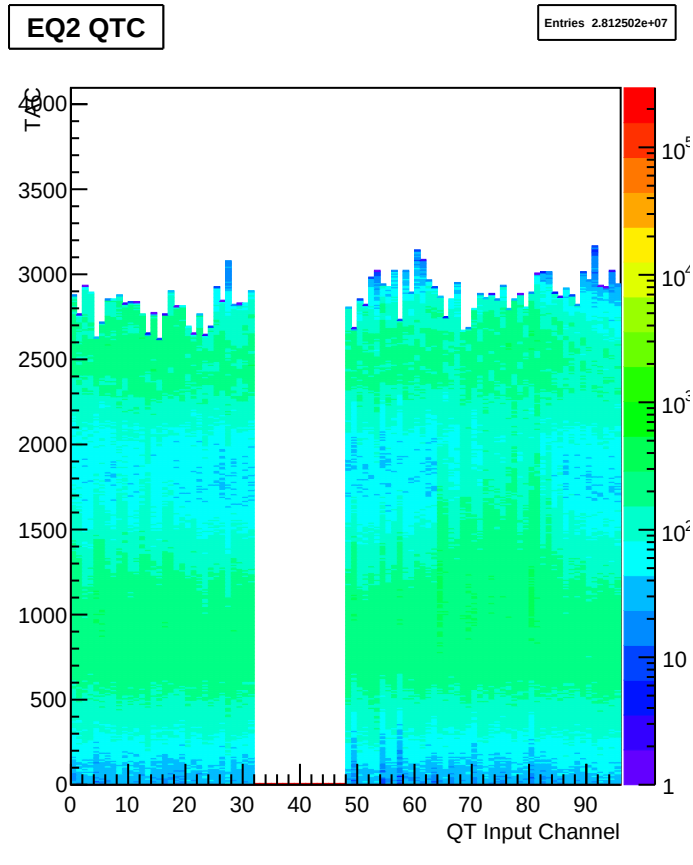

EQ1 QTC
Entries 2.812502e+07
ADC
QT Input Channel

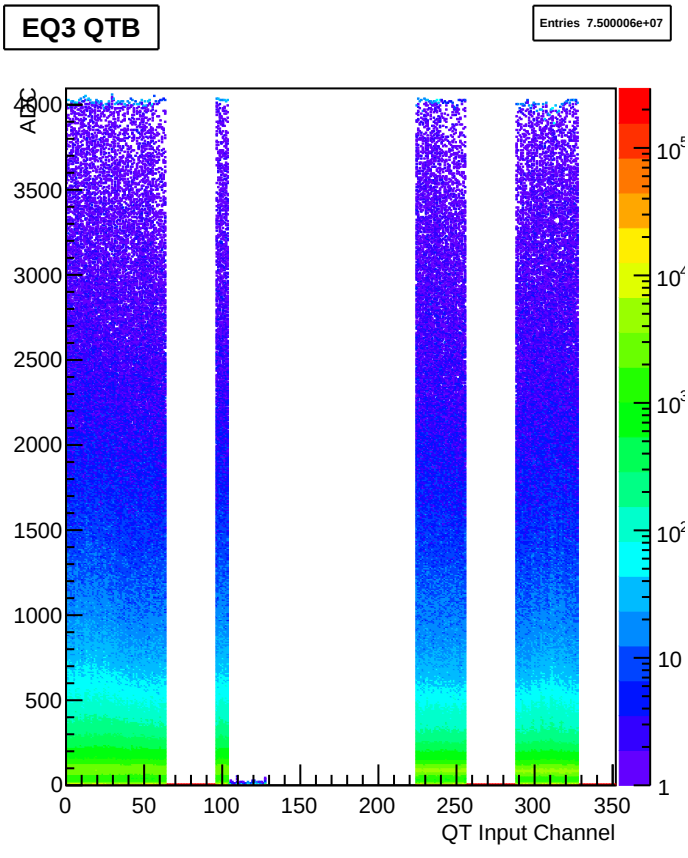

EQ1 QTC
Entries 2.812502e+07
TADC
QT Input Channel

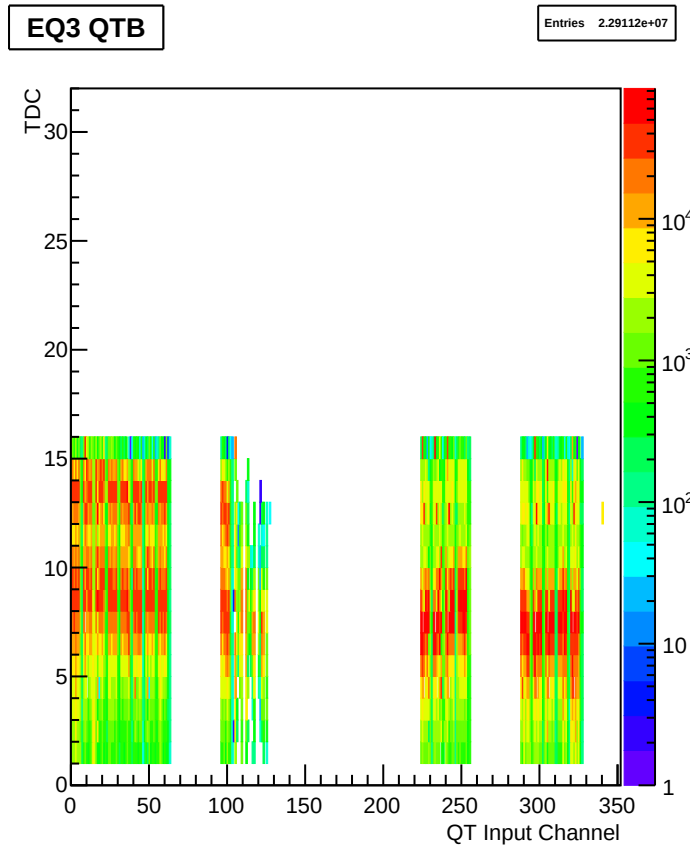

EQ2 QTB
Entries 8.437507e+07
ADC
QT Input Channel

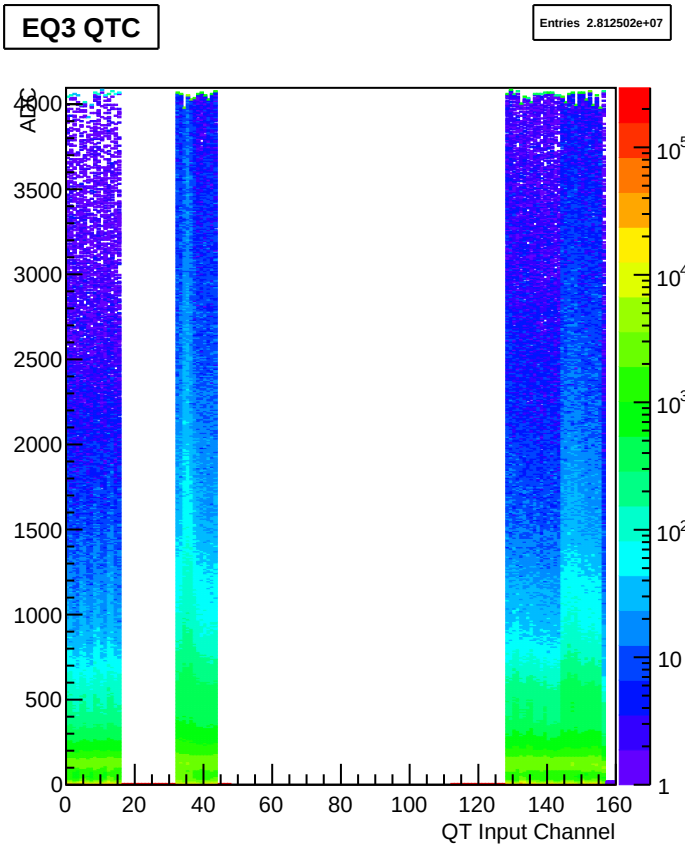

EQ2 QTB
Entries 2.789966e+07
TDC
QT Input Channel

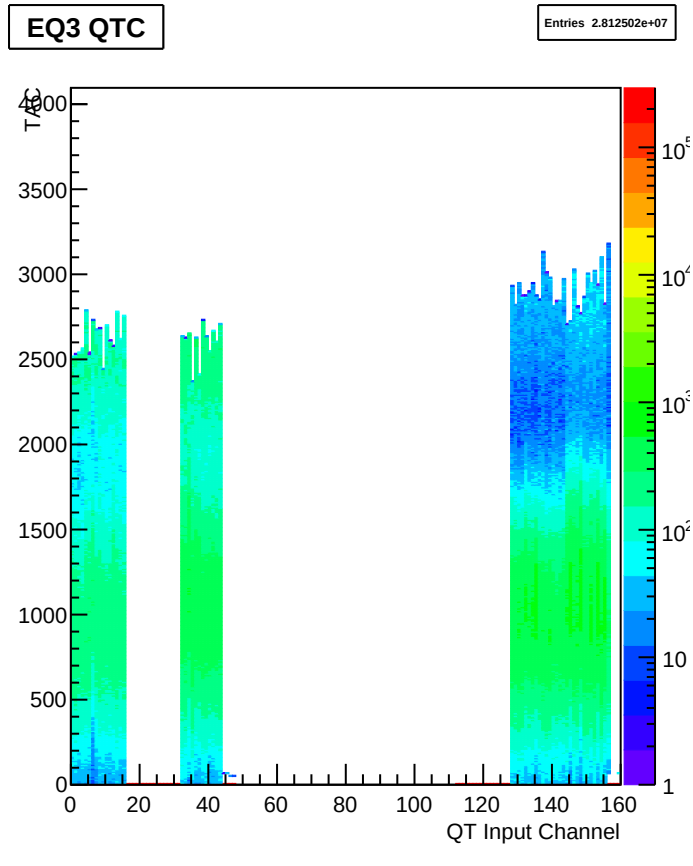

EQ2 QTC
Entries 2.812502e+07
ADC
QT Input Channel

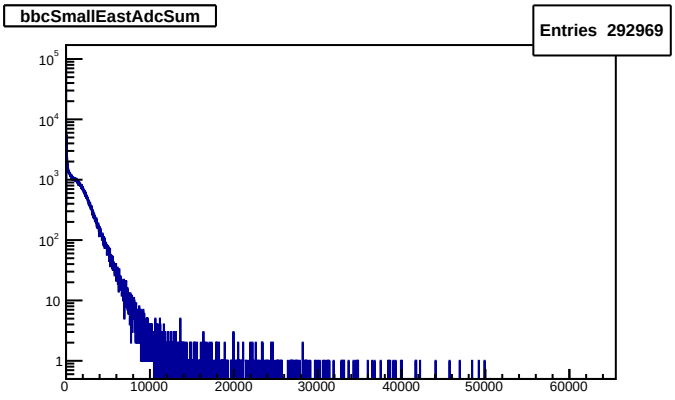

EQ2 QTC
Entries 2.812502e+07
TADC
QT Input Channel

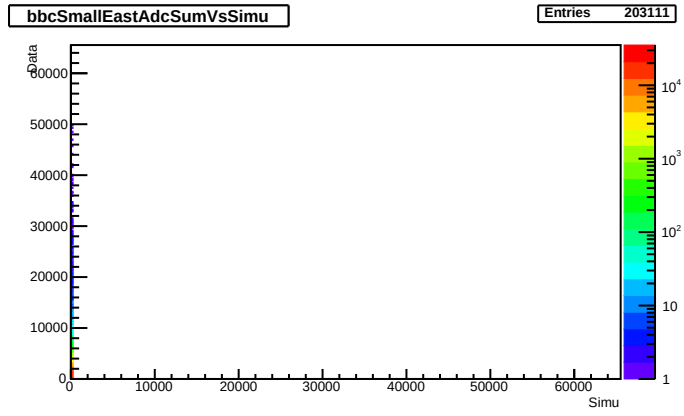

EQ3 QTB
Entries 7.500006e+07
ADC
QT Input Channel

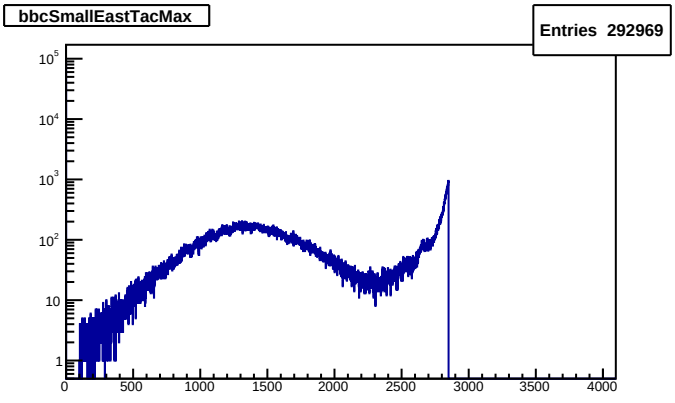

EQ3 QTB
Entries 2.29112e+07
TDC
QT Input Channel

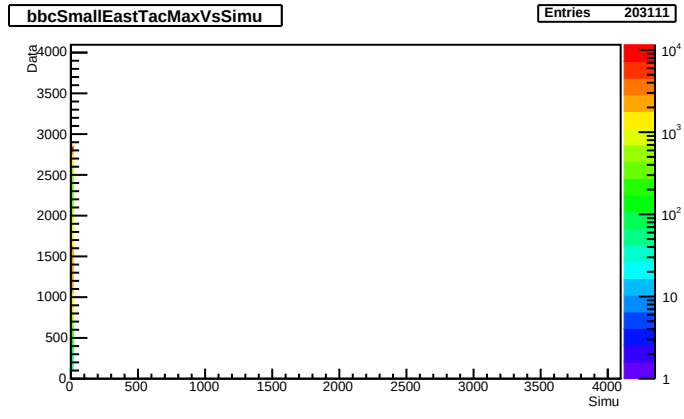

EQ3 QTC
Entries 2.812502e+07
ADC
QT Input Channel

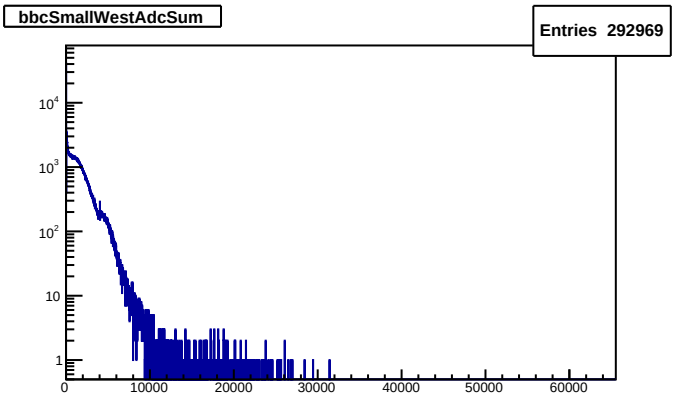

EQ3 QTC
Entries 2.812502e+07
TADC
QT Input Channel

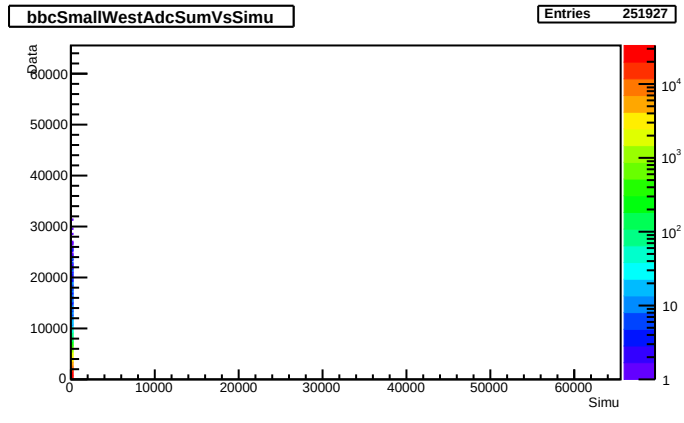

bbcSmallEastAdcSum
Entries 292969

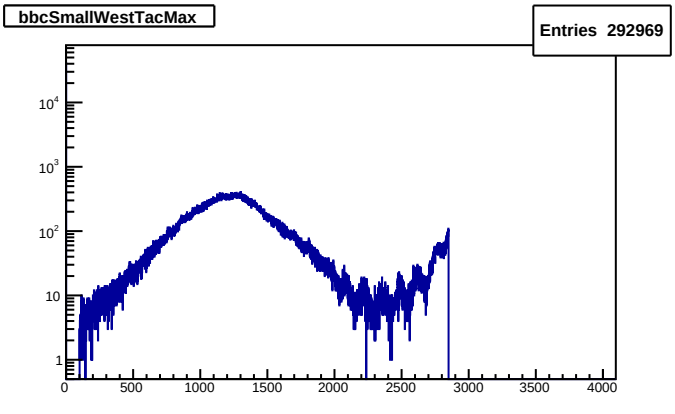

bbcSmallEastAdcSumVsSimu
Entries 203111
Data
Simu

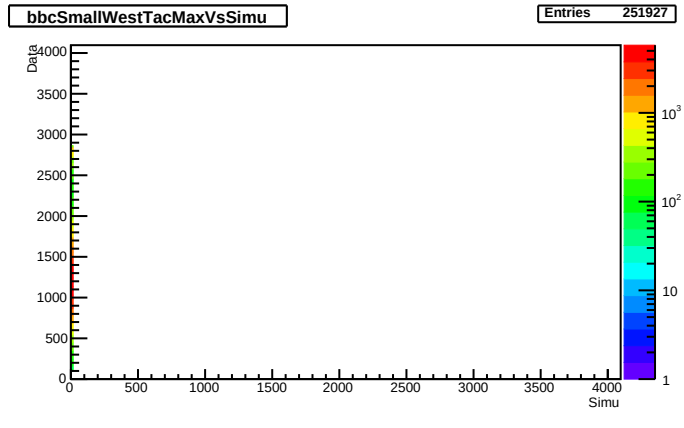

bbcSmallEastTacMax
Entries 292969

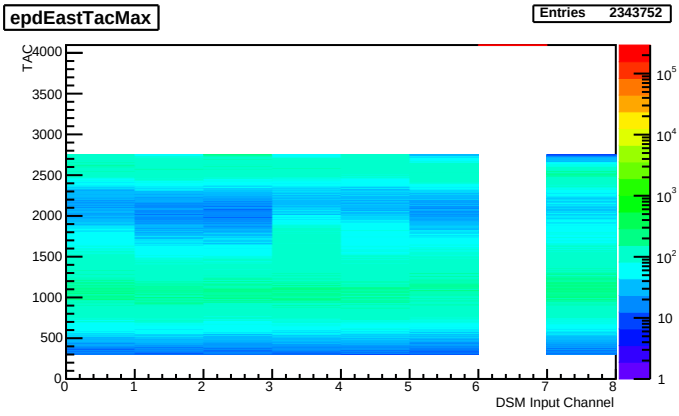

bbcSmallEastTacMaxVsSimu
Entries 203111
Data
Simu

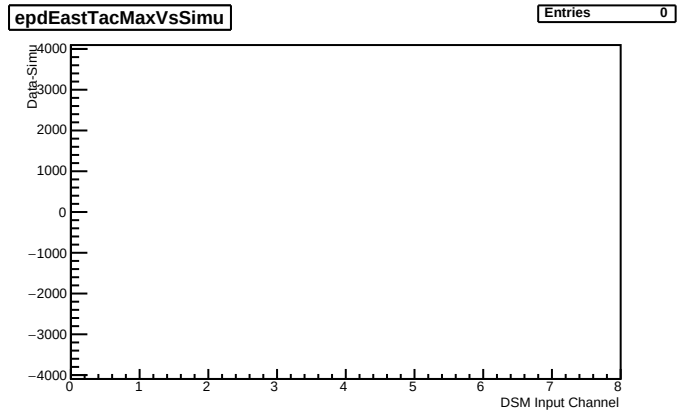

bbcSmallWestAdcSum
Entries 292969

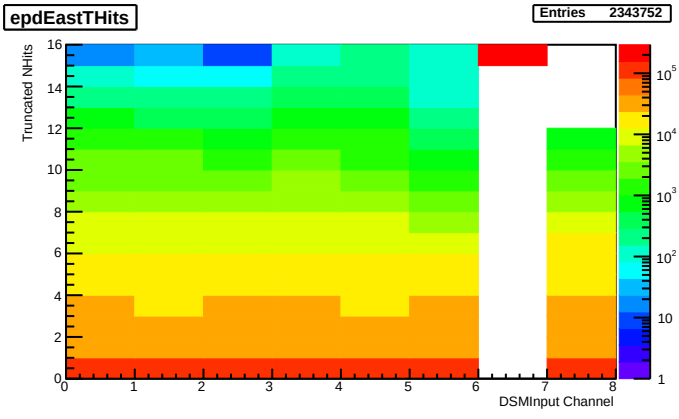

bbcSmallWestAdcSumVsSimu
Entries 251927
Data
Simu

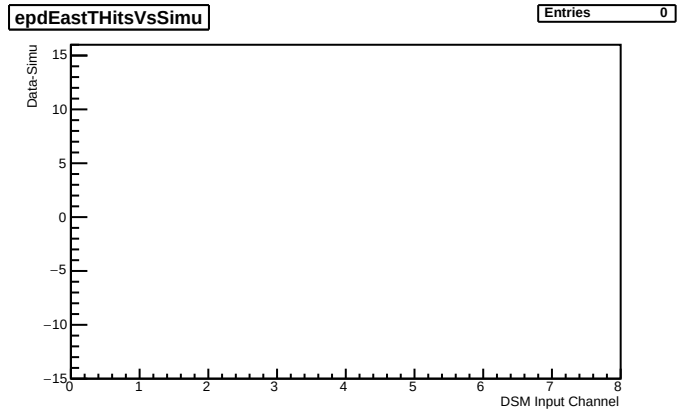

bbcSmallWestTacMax
Entries 292969

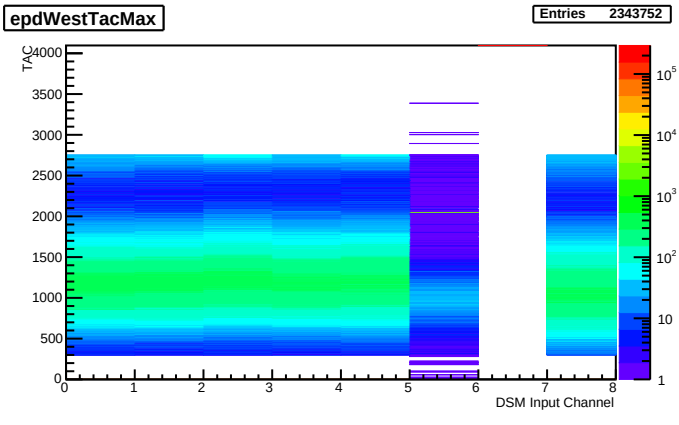

bbcSmallWestTacMaxVsSimu
Entries 251927
Data
Simu

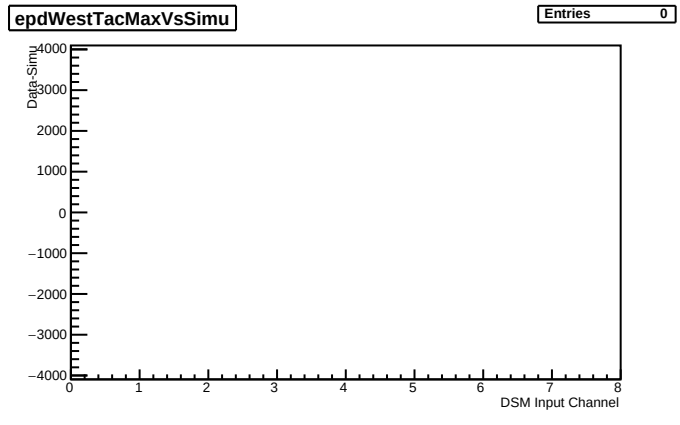

epdEastTacMax
Entries 2343752
TAC
DSM Input Channel

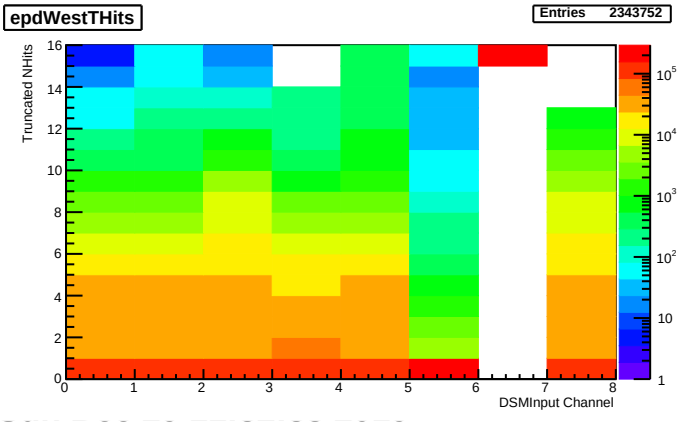

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

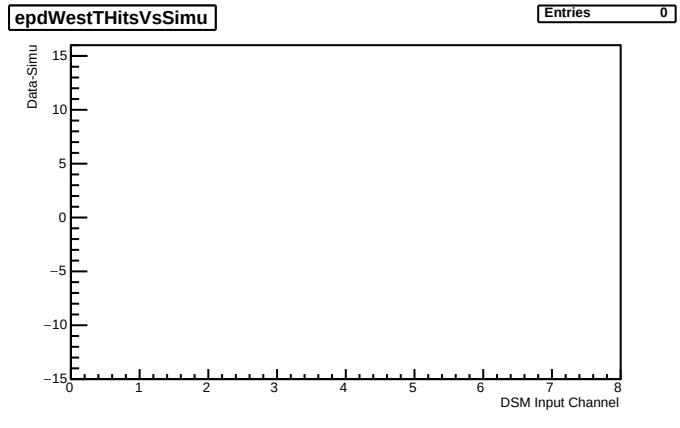

epdEastTHits
Entries 2343752
Truncated NHits
DSMInput Channel

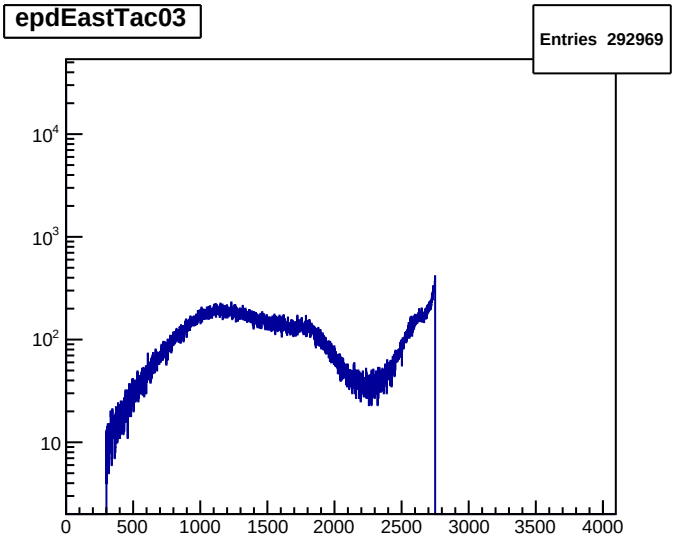

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

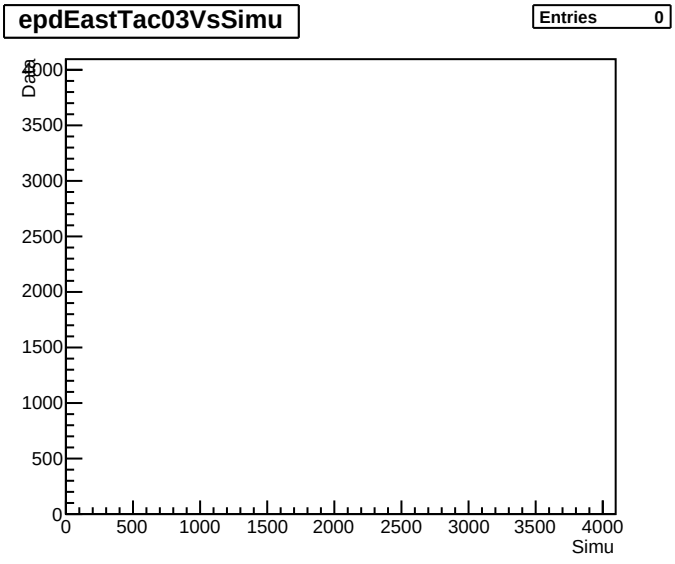

epdWestTacMax
Entries 2343752
TAC
DSM Input Channel

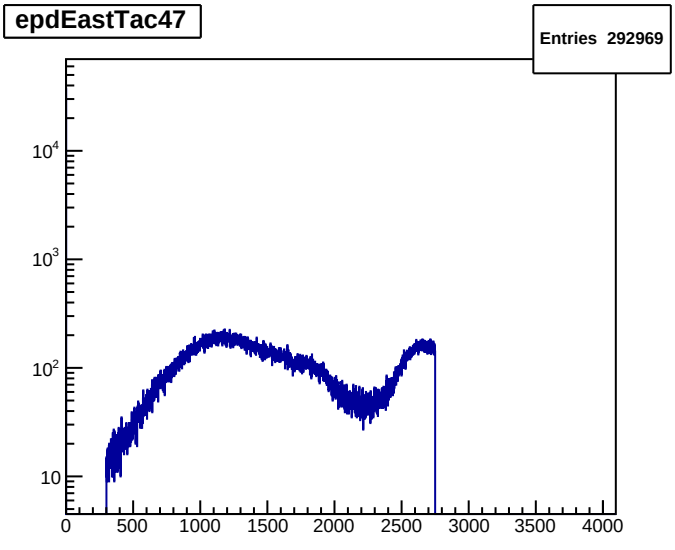

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

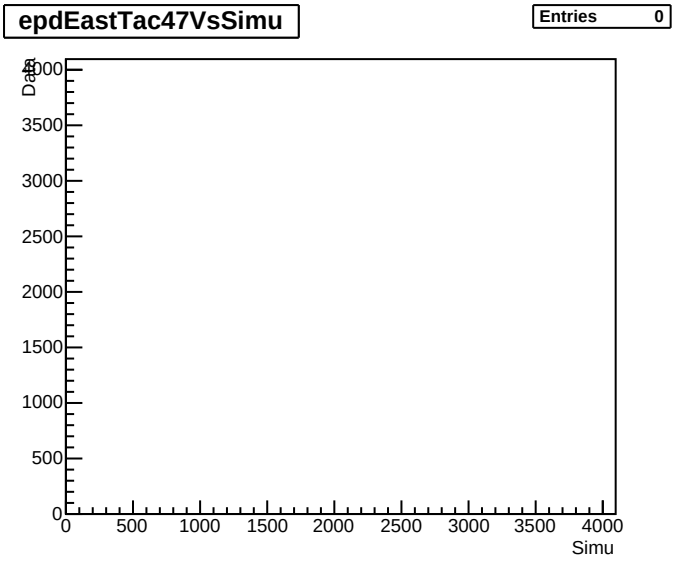

epdWestTHits
Entries 2343752
Truncated NHits
DSMInput Channel

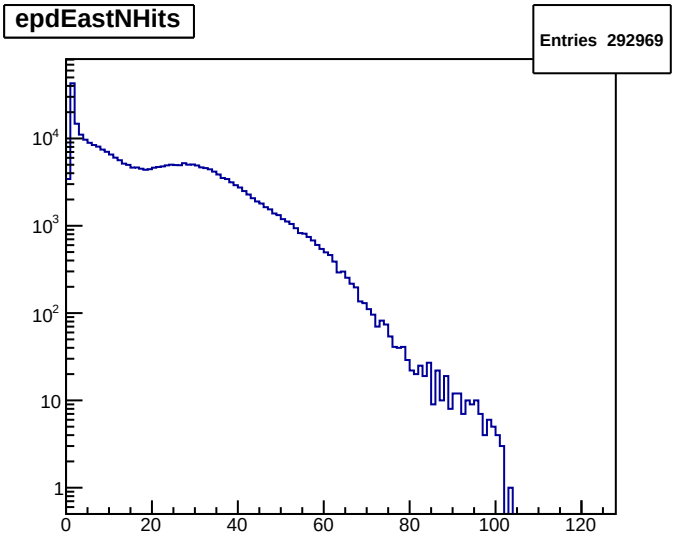

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

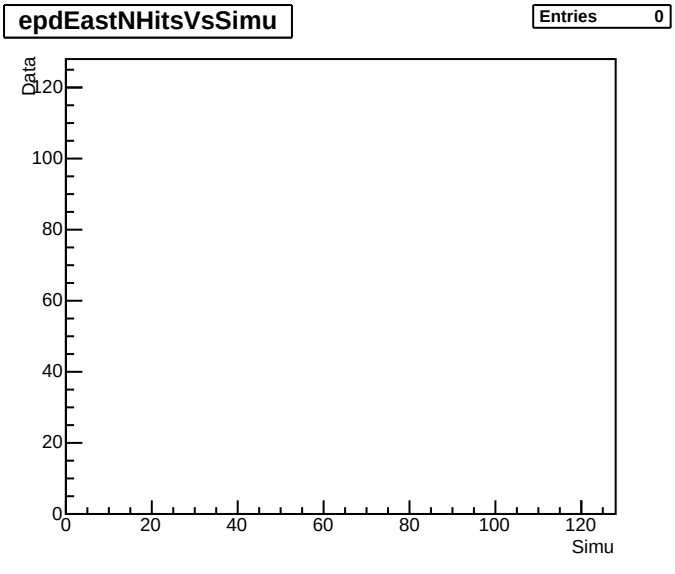

epdEastTac03
Entries 292969

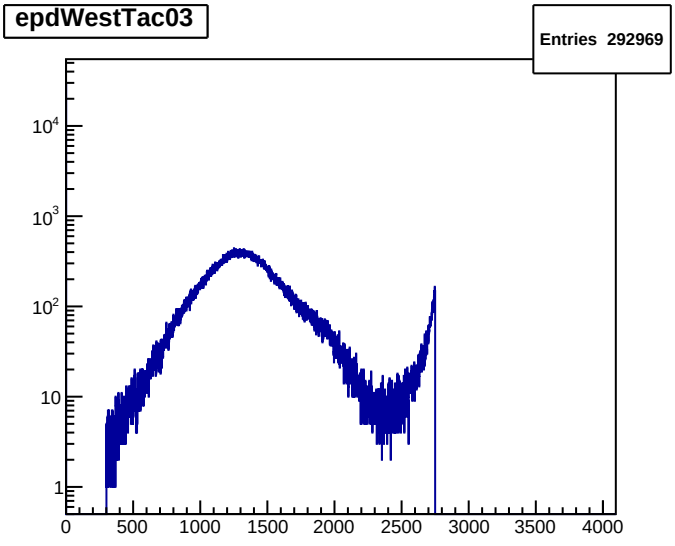

epdEastTac03VsSimu
Entries 0
Data
Simu

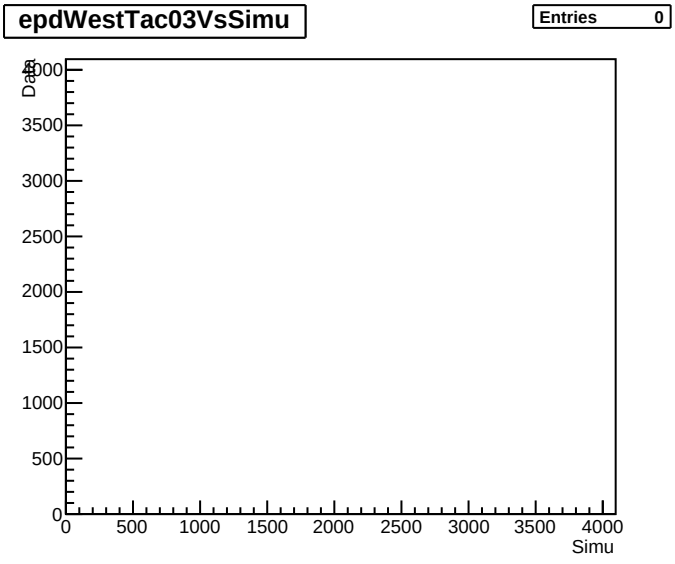

epdEastTac47
Entries 292969

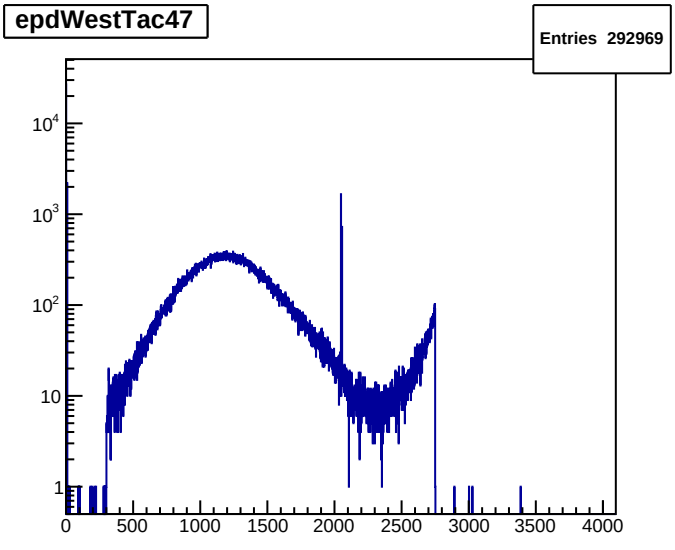

epdEastTac47VsSimu
Entries 0
Data
Simu

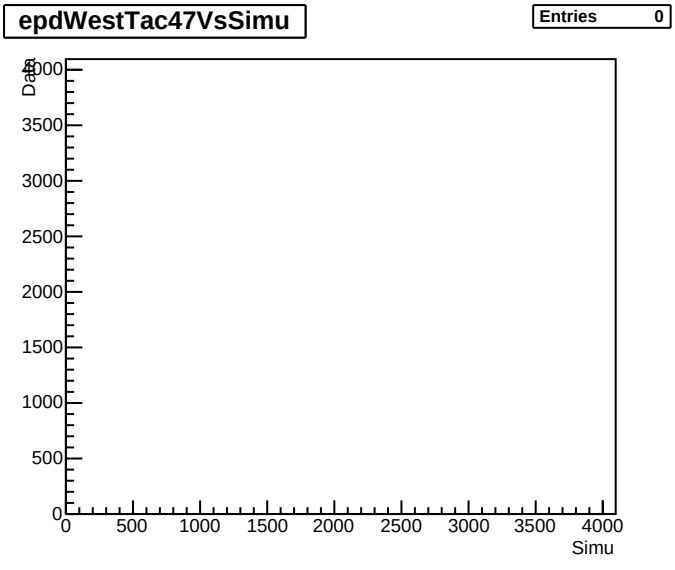

epdEastNHits
Entries 292969

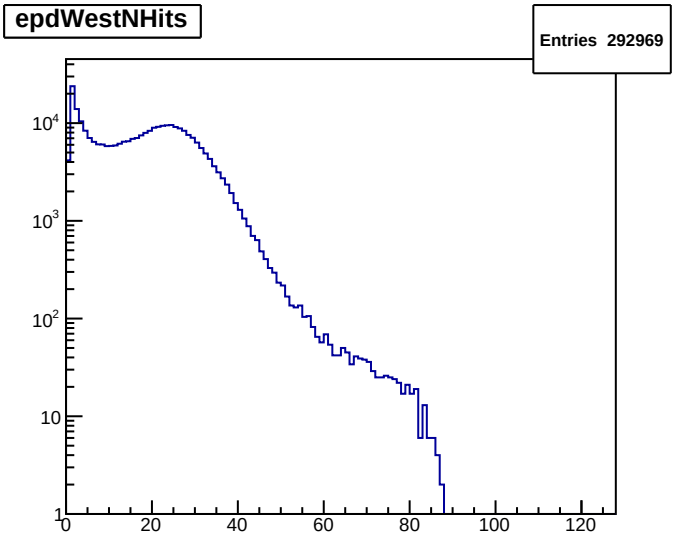

epdEastNHitsVsSimu
Entries 0
Data
Simu

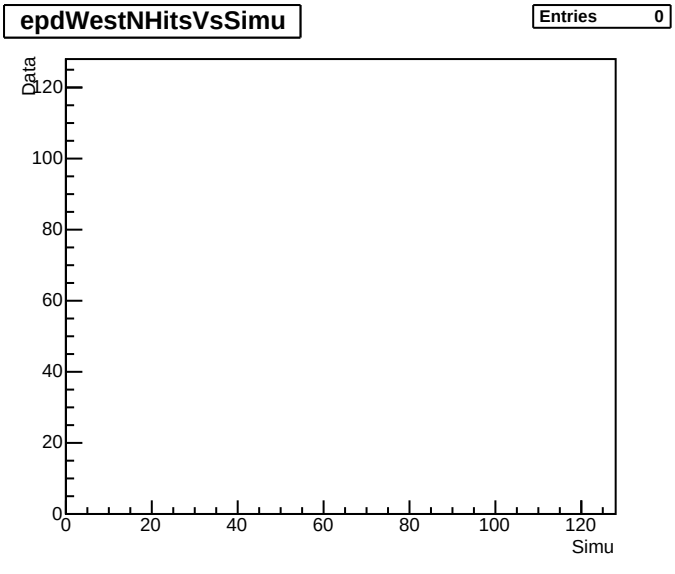

epdWestTac03
Entries 292969

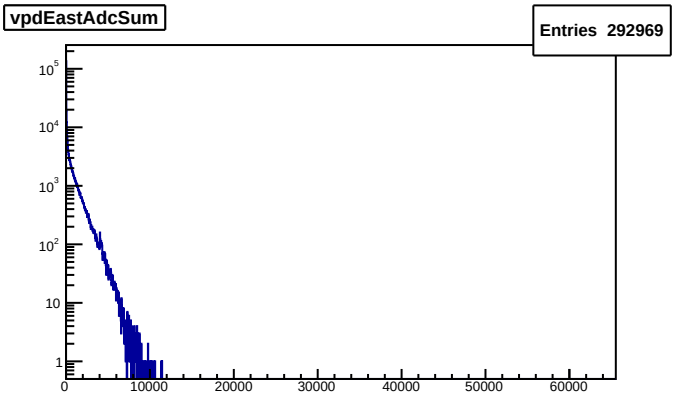

epdWestTac03VsSimu
Entries 0
Data
Simu

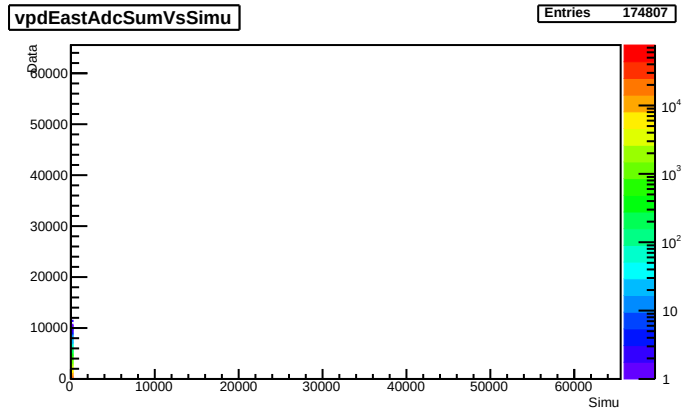

epdWestTac47
Entries 292969

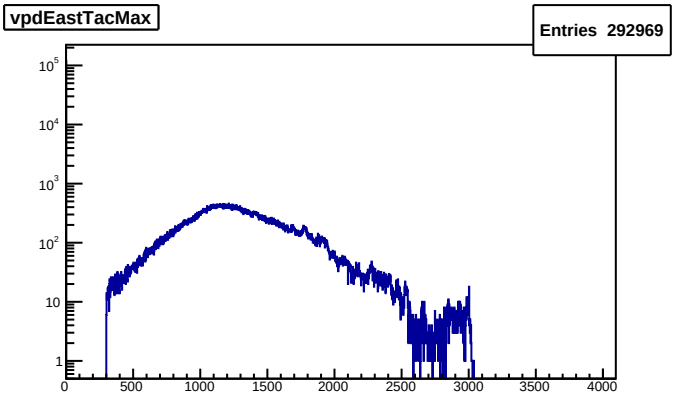

epdWestTac47VsSimu
Entries 0
Data
Simu

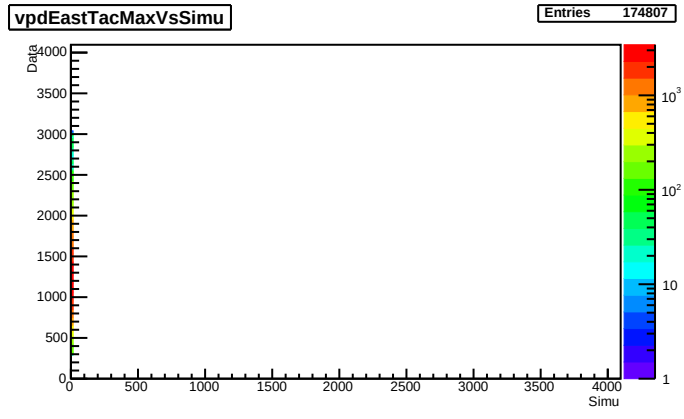

epdWestNHits
Entries 292969

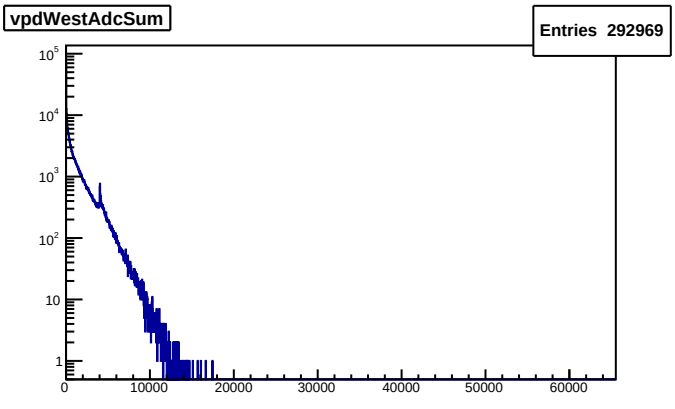

epdWestNHitsVsSimu
Entries 0
Data
Simu

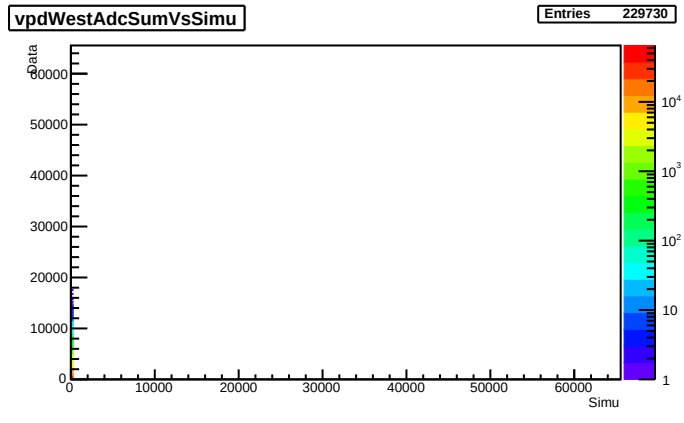

vpdEastAdcSum
Entries 292969

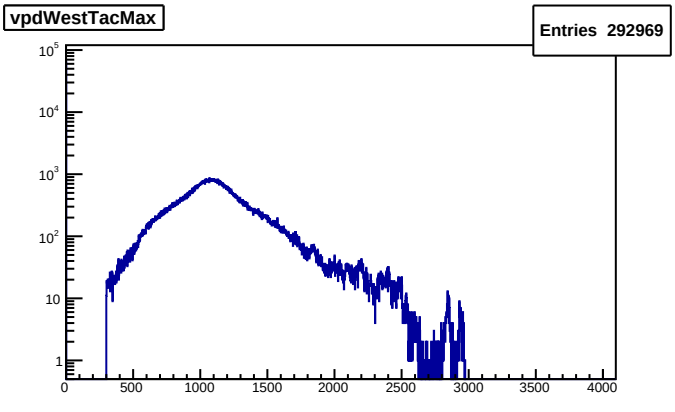

vpdEastAdcSumVsSimu
Entries 174807
Data
Simu

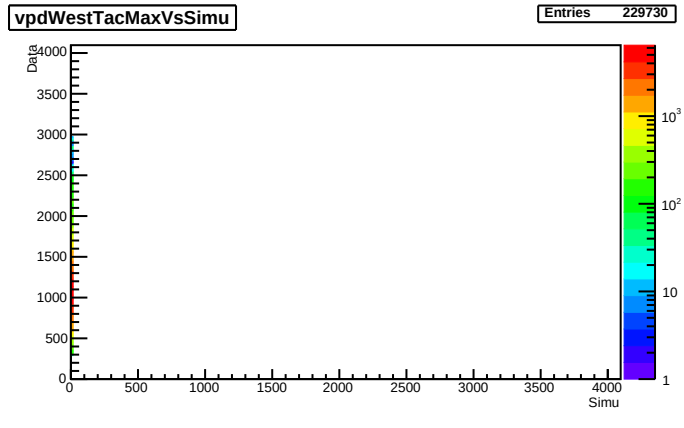

vpdEastTacMax
Entries 292969

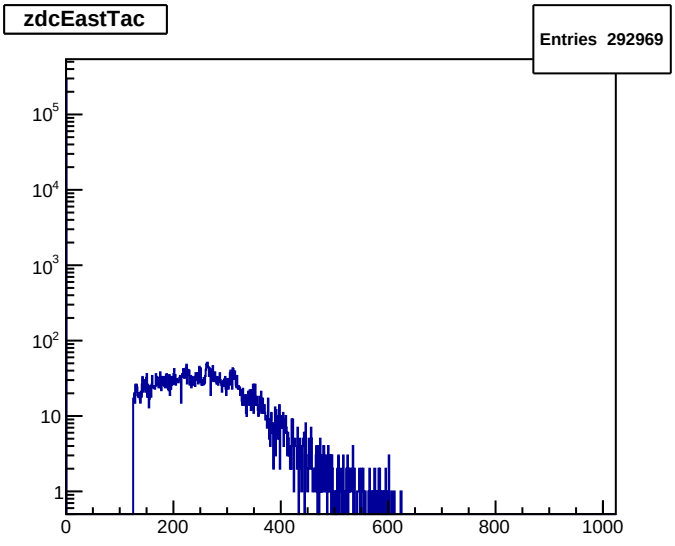

vpdEastTacMaxVsSimu
Entries 174807
Data
Simu

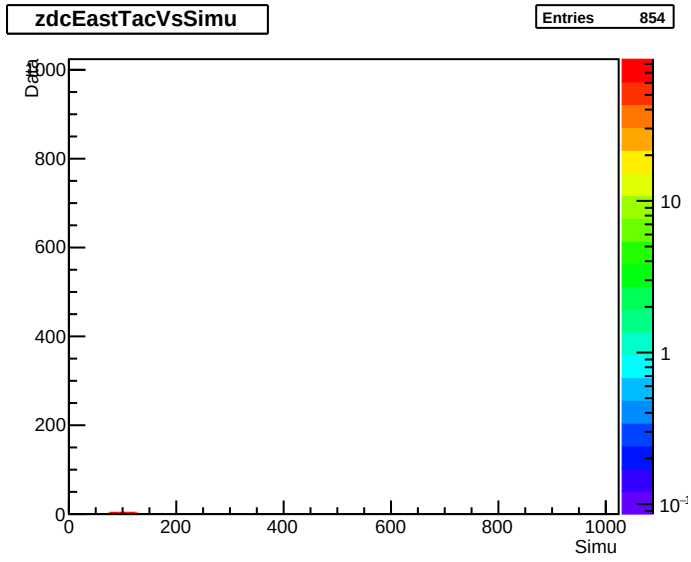

vpdWestAdcSum
Entries 292969

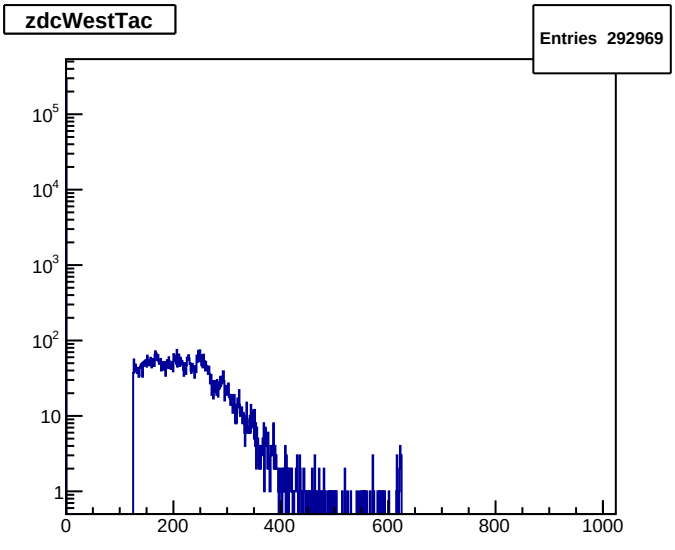

vpdWestAdcSumVsSimu
Entries 229730
Data
Simu

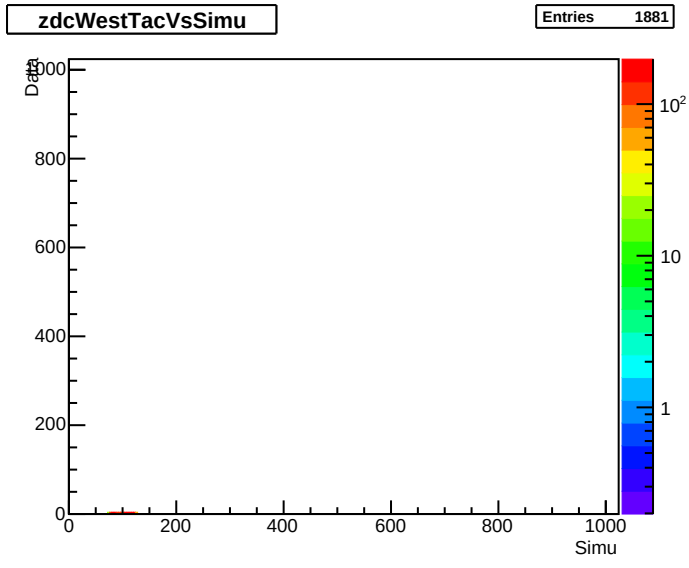

vpdWestTacMax
Entries 292969

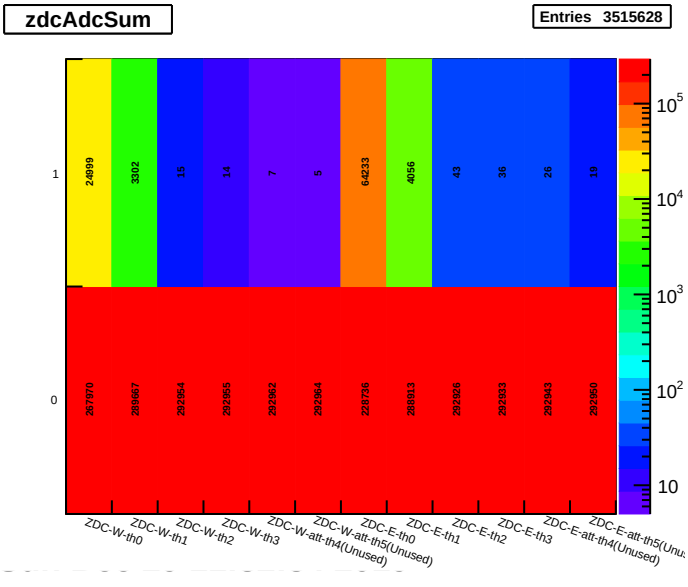

vpdWestTacMaxVsSimu
Entries 229730
Data
Simu

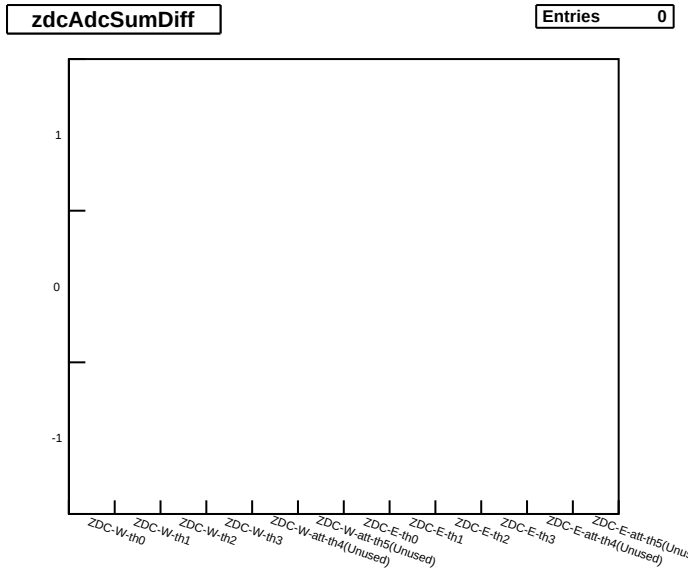

zdcEastTac
Entries 292969

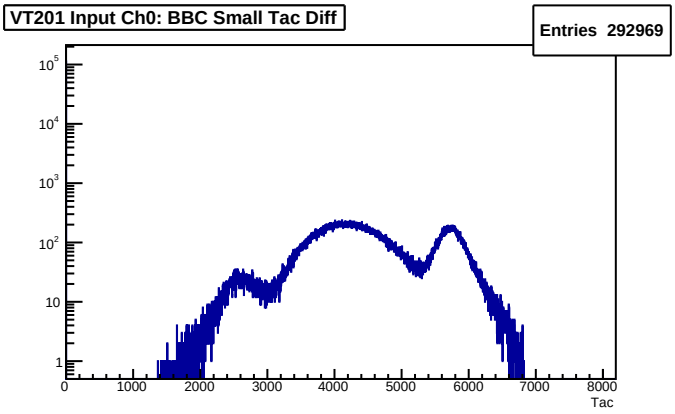

zdcEastTacVsSimu
Entries 854
Data
Simu

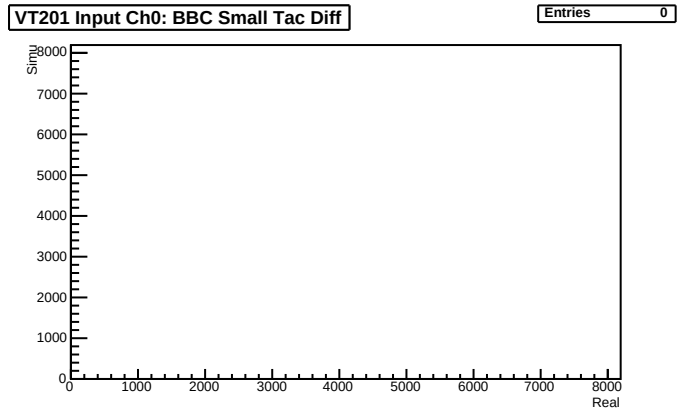

zdcWestTac
Entries 292969

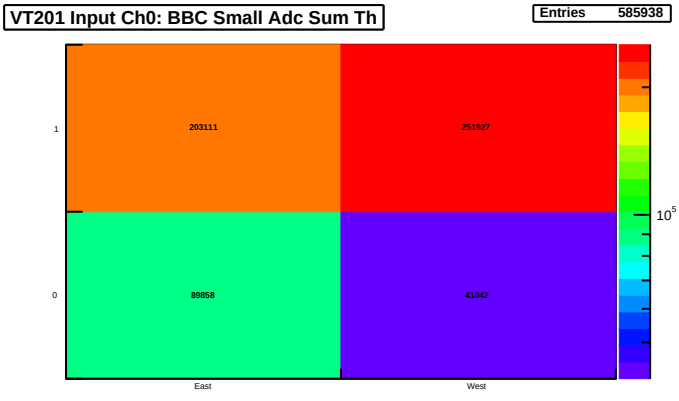

zdcWestTacVsSimu
Entries 1881
Data
Simu

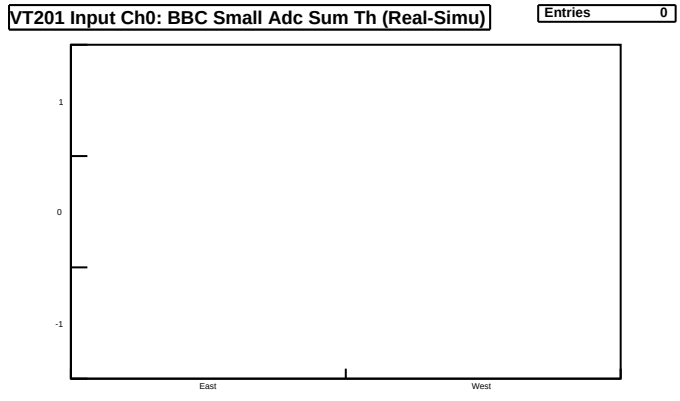

zdcAdcSum
Entries 3515628
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

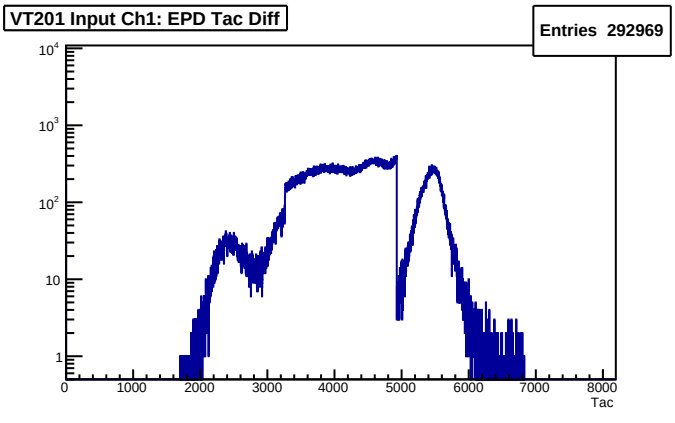

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

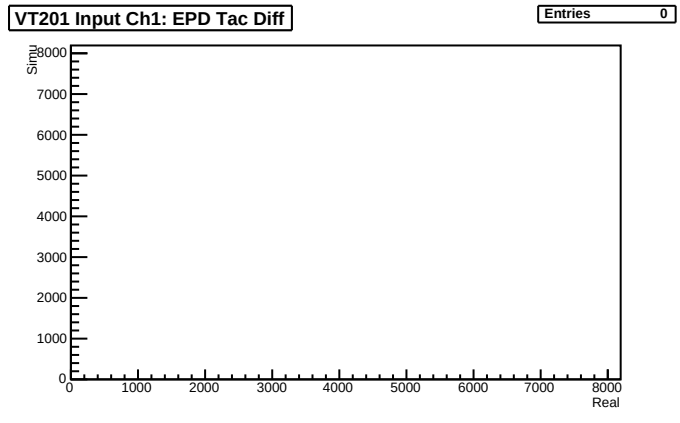

VT201 Input Ch0: BBC Small Tac Diff
Entries 292969
Tac

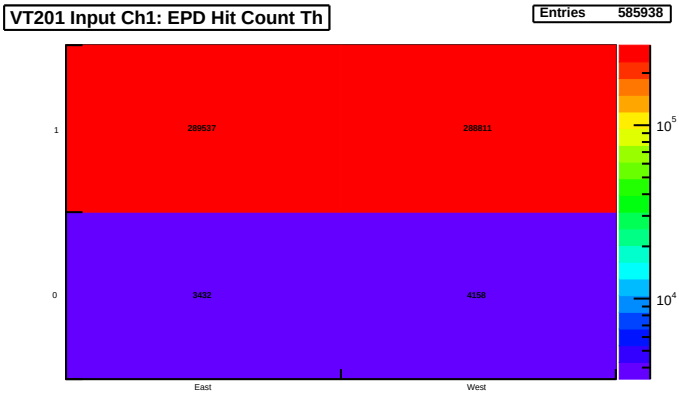

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

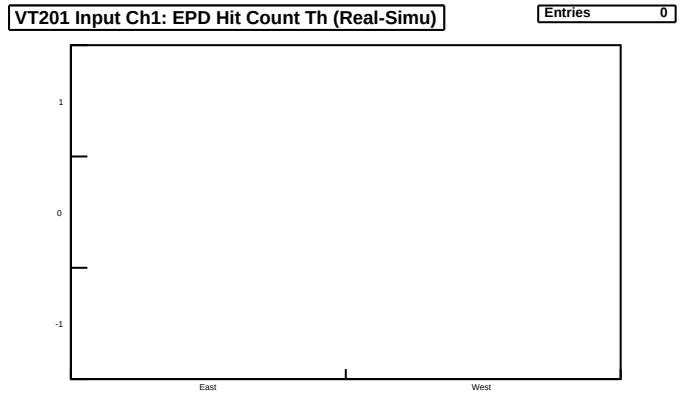

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 585938
203111
251927
89858
41042
East
West

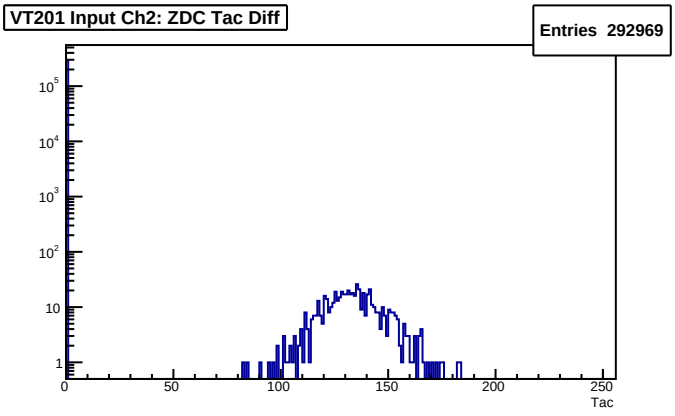

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

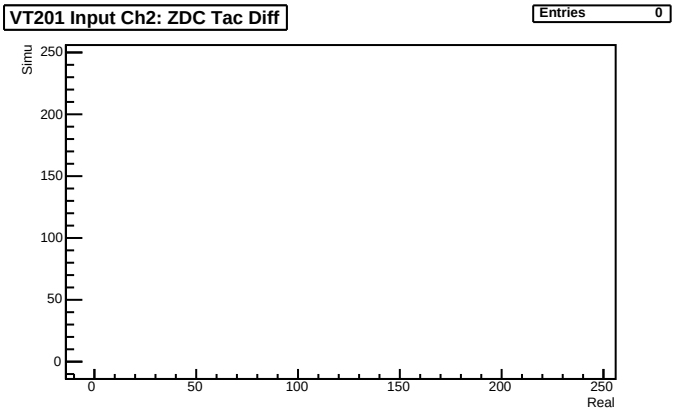

VT201 Input Ch1: EPD Tac Diff
Entries 292969
Tac

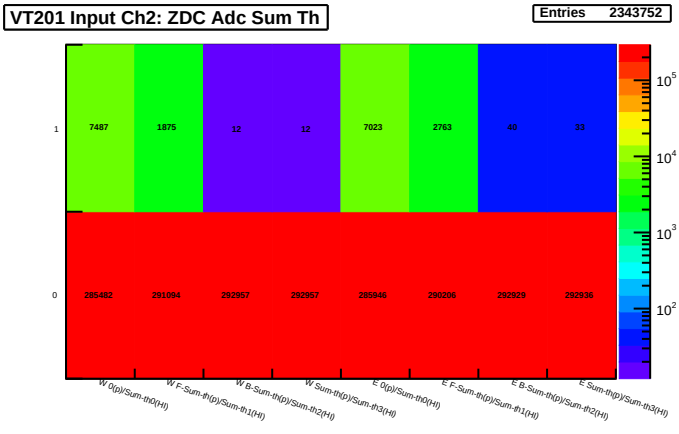

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

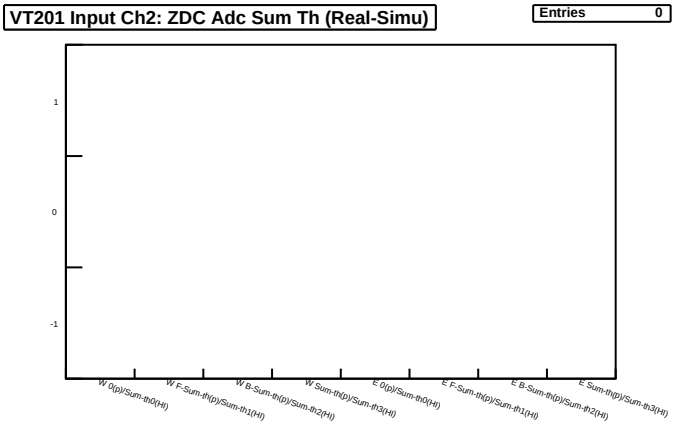

VT201 Input Ch1: EPD Hit Count Th
Entries 585938
289537
288811
3432
4158
East
West

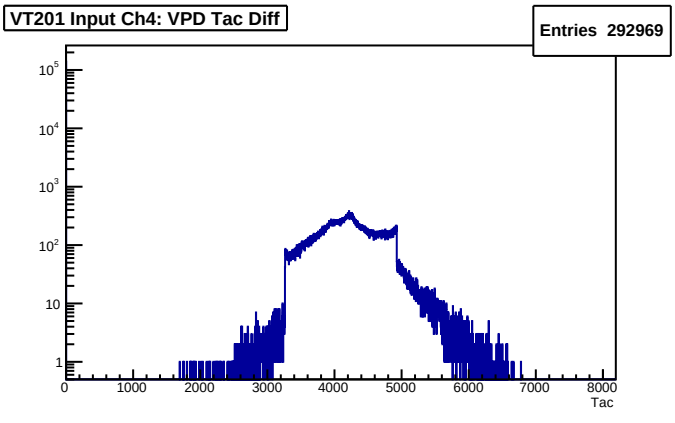

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

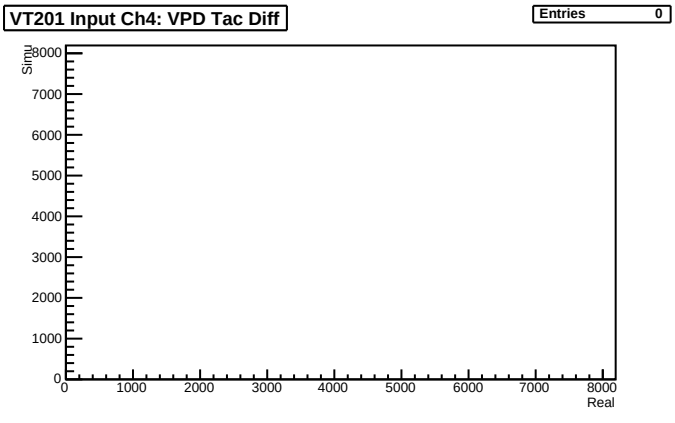

VT201 Input Ch2: ZDC Tac Diff
Entries 292969
Tac

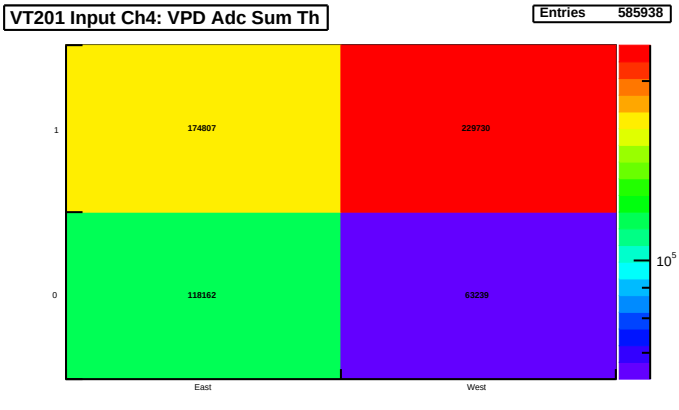

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

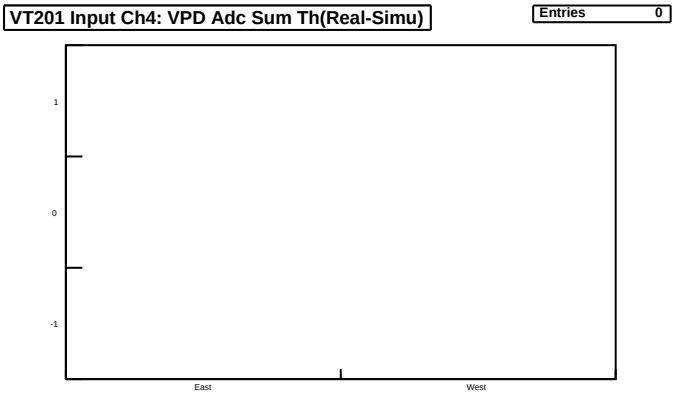

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2343752
7487
1875
12
12
7023
2763
40
33
285482
291094
292957
292957
285946
290206
292929
292936
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

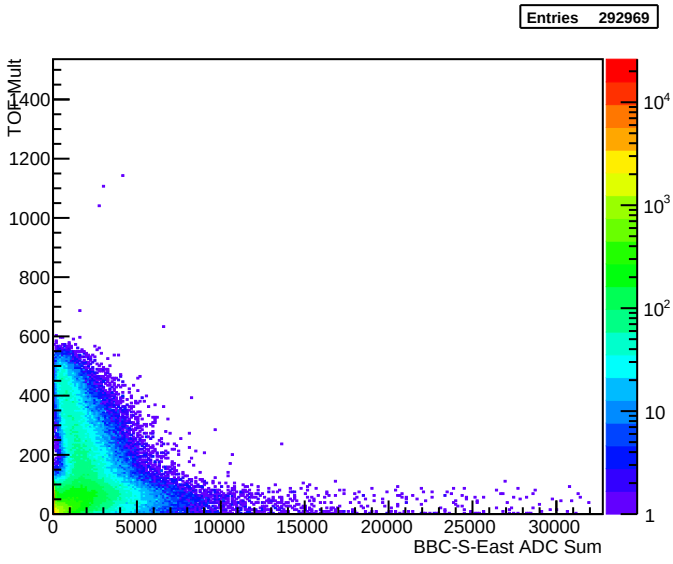

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

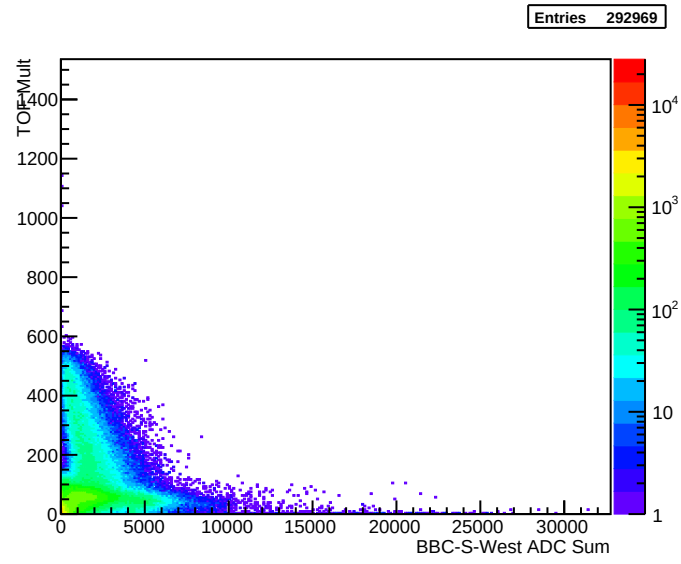

VT201 Input Ch4: VPD Tac Diff
Entries 292969
Tac

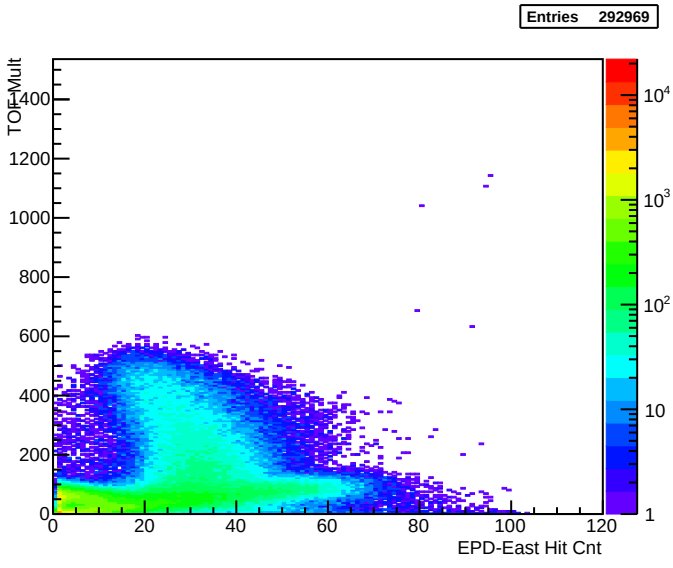

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

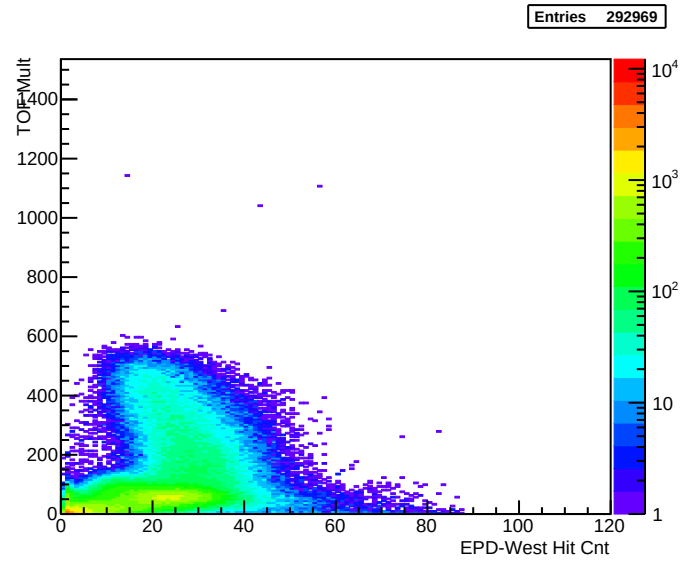

VT201 Input Ch4: VPD Adc Sum Th
Entries 585938
174807
229730
118162
63239
East
West

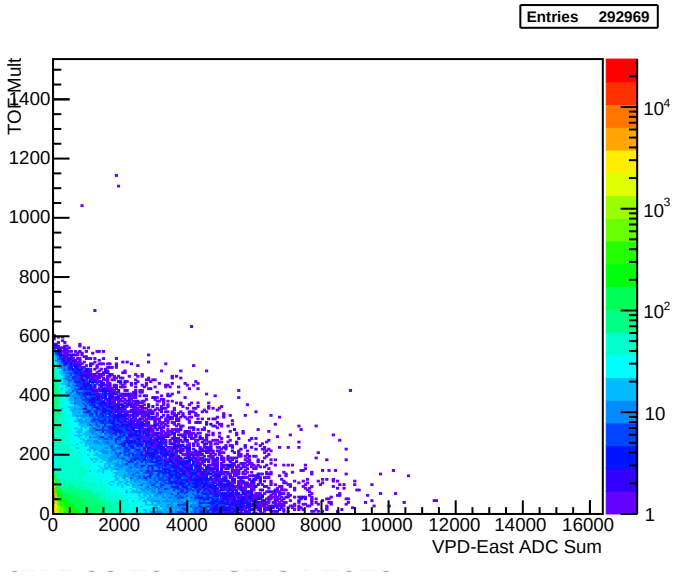

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

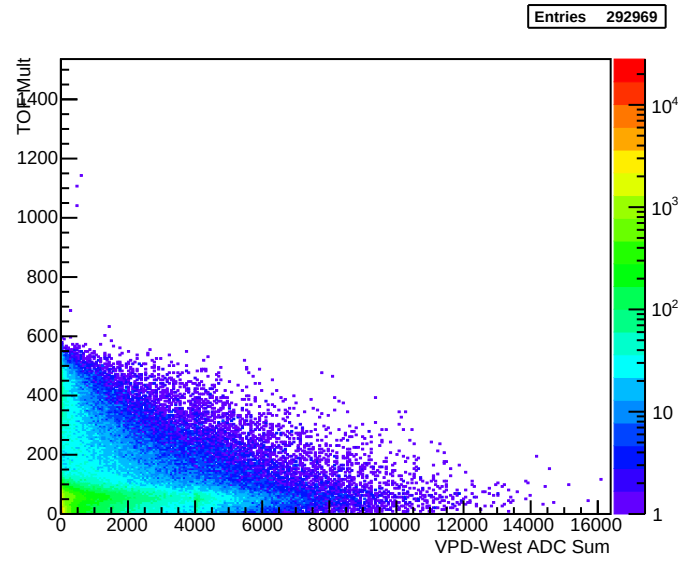

Entries 292969
TOF-Mult
BBC-S-East ADC Sum

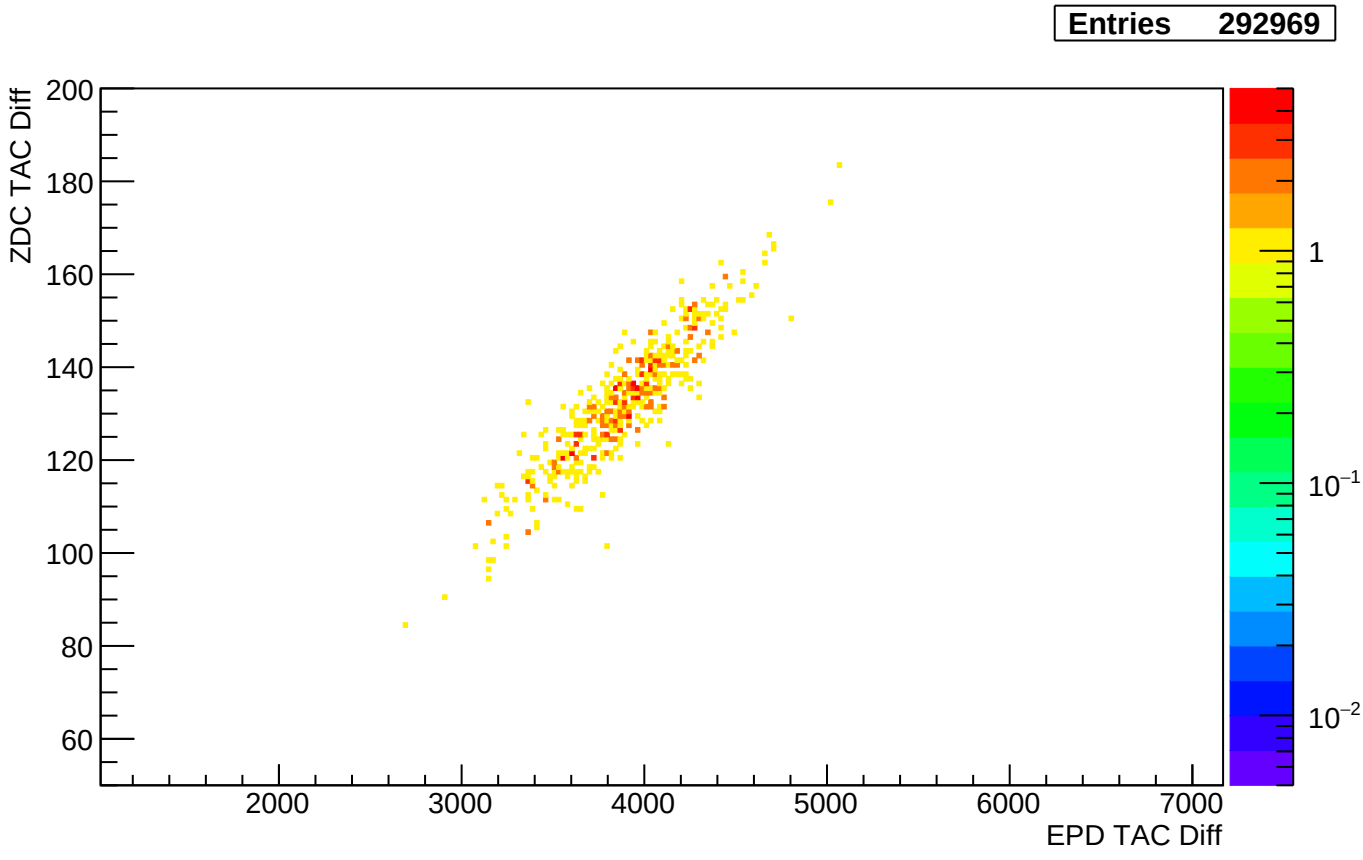

Entries 292969
TOF-Mult
BBC-S-West ADC Sum

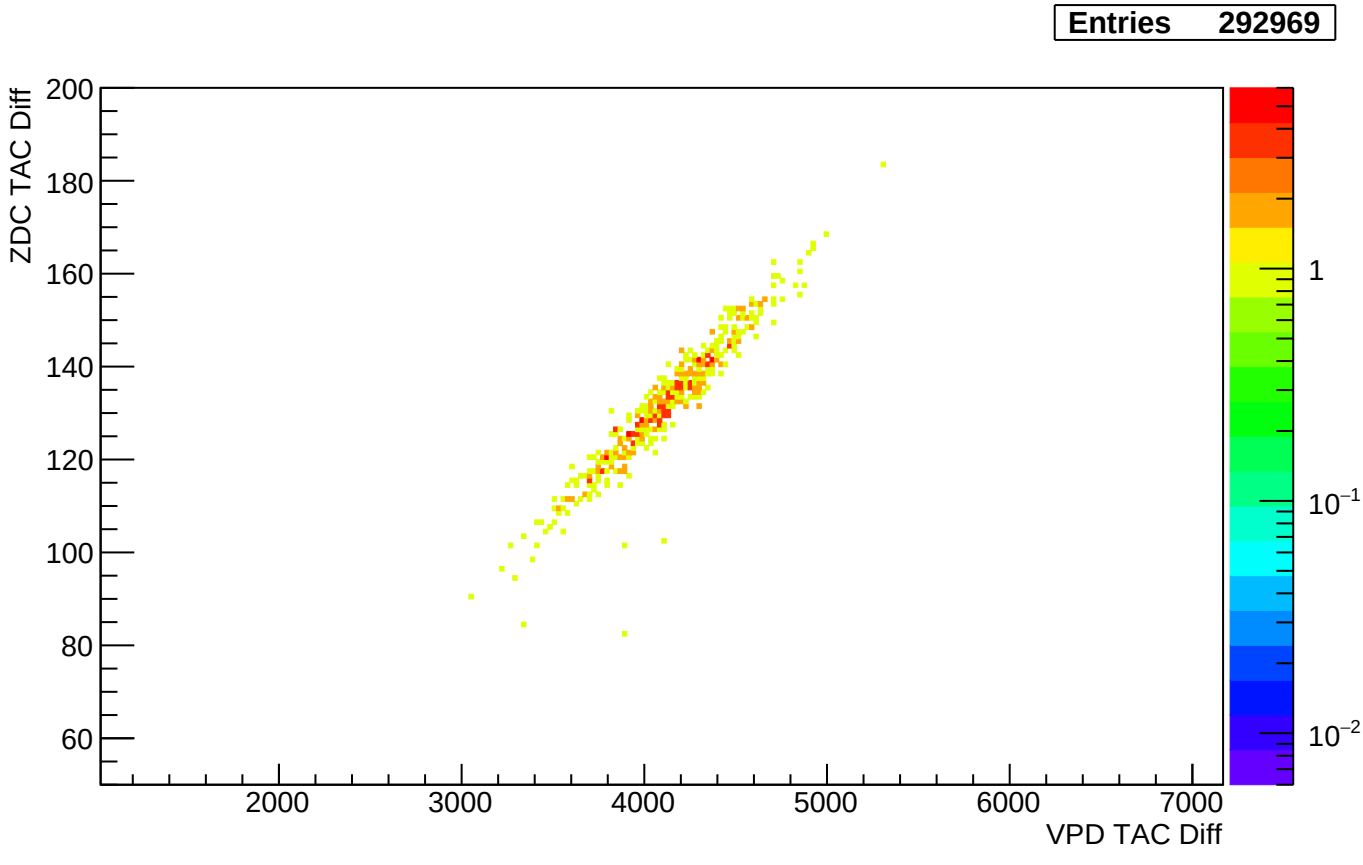

Entries 292969
TOF-Mult
EPD-East Hit Cnt

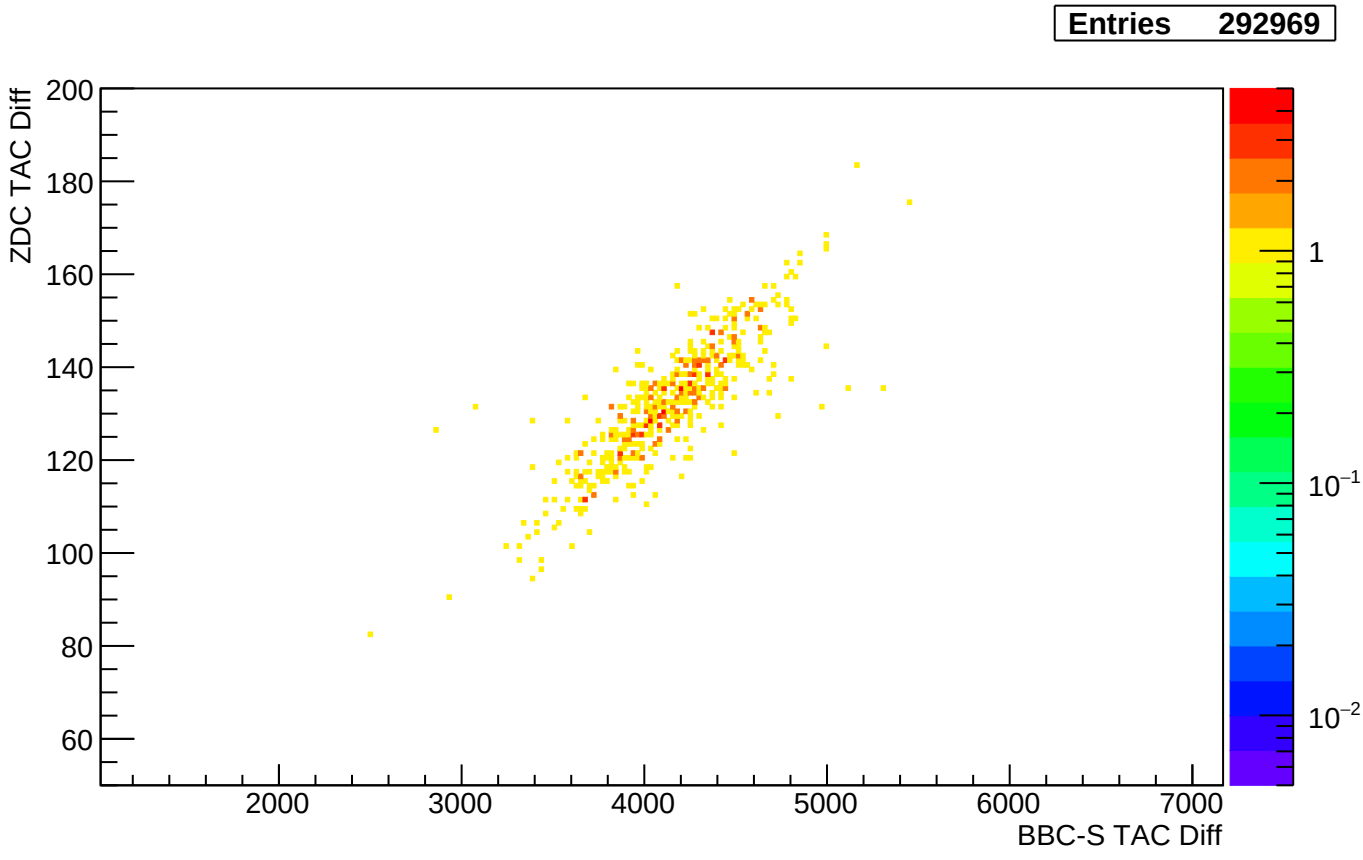

Entries 292969
TOF-Mult
EPD-West Hit Cnt

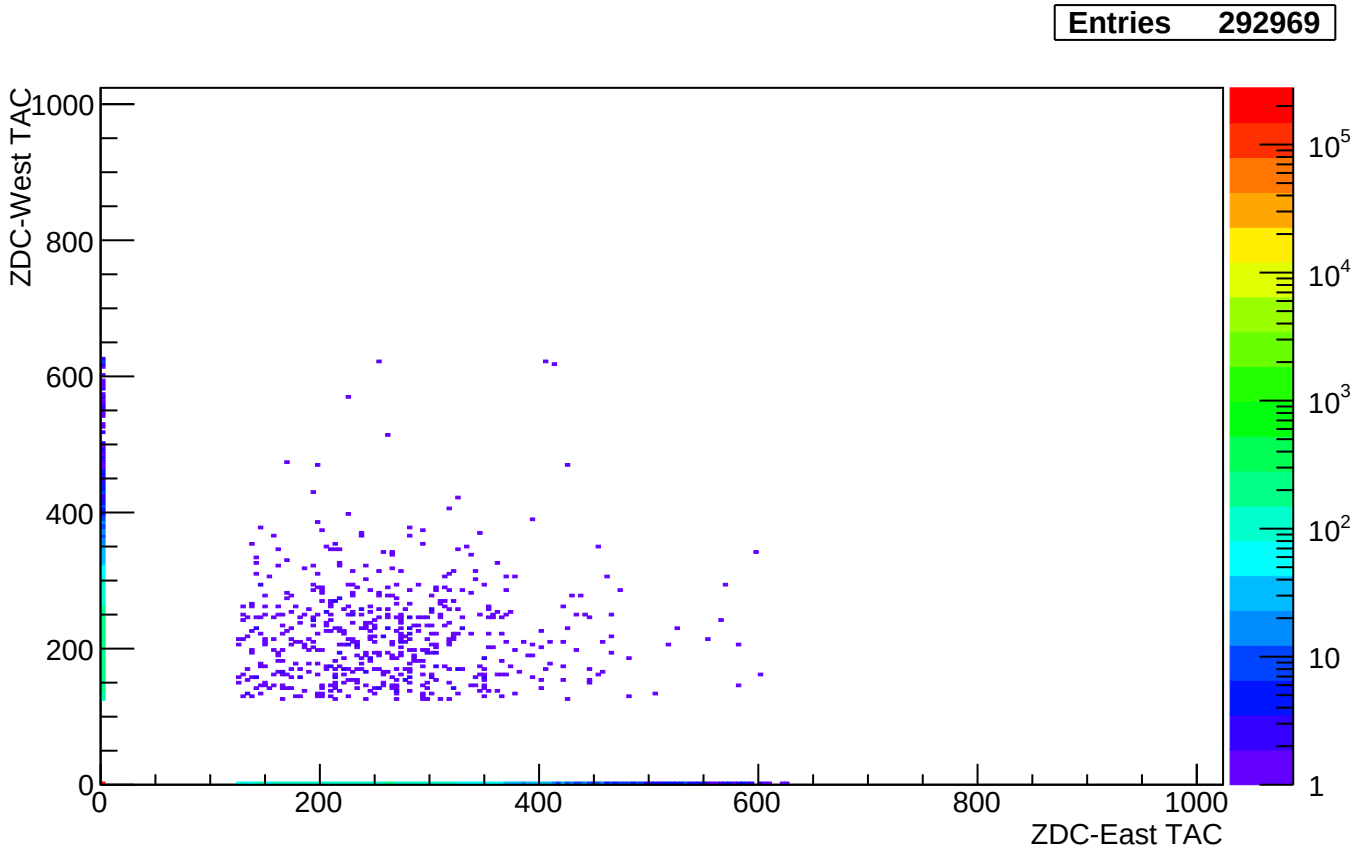

Entries 292969
TOF-Mult
VPD-East ADC Sum

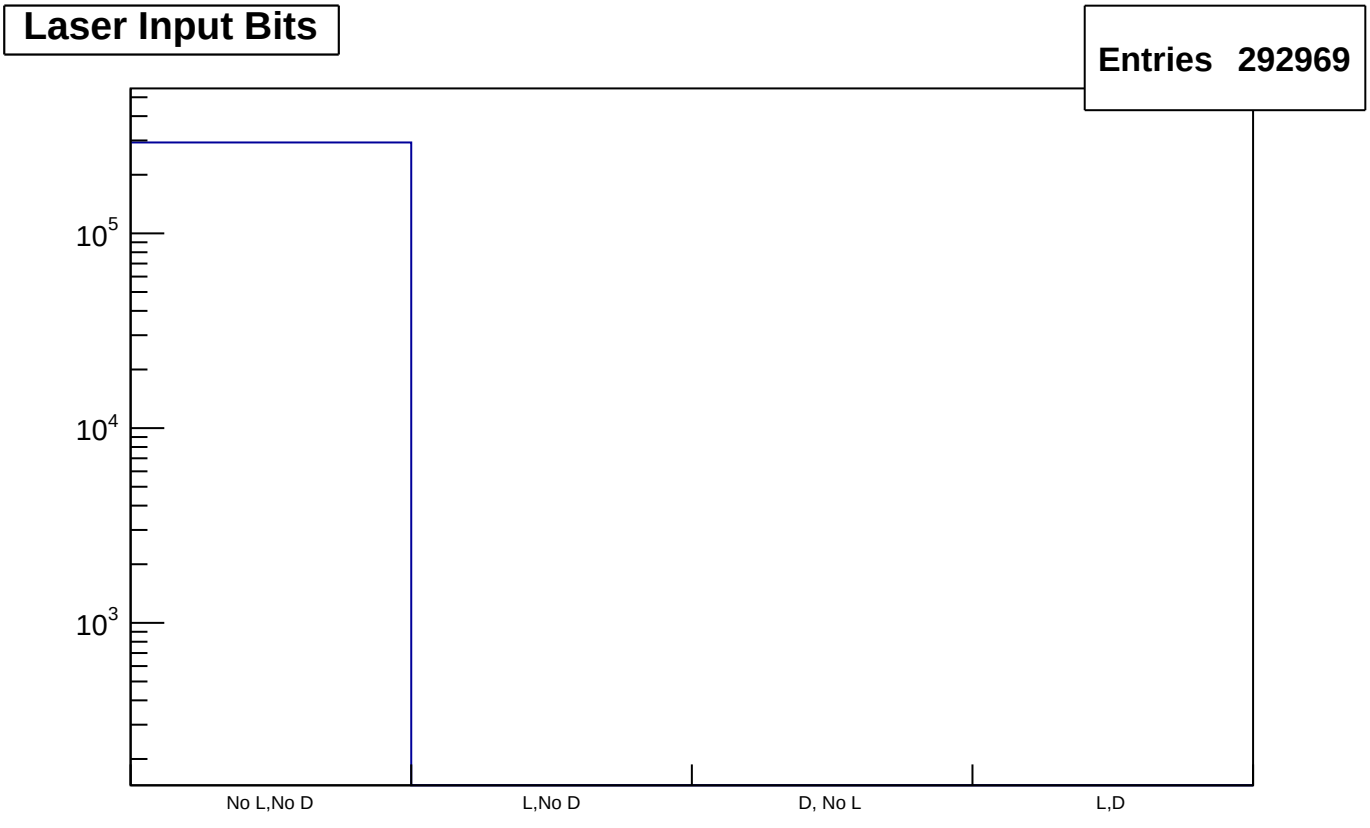

Entries 292969
TOF-Mult
VPD-West ADC Sum

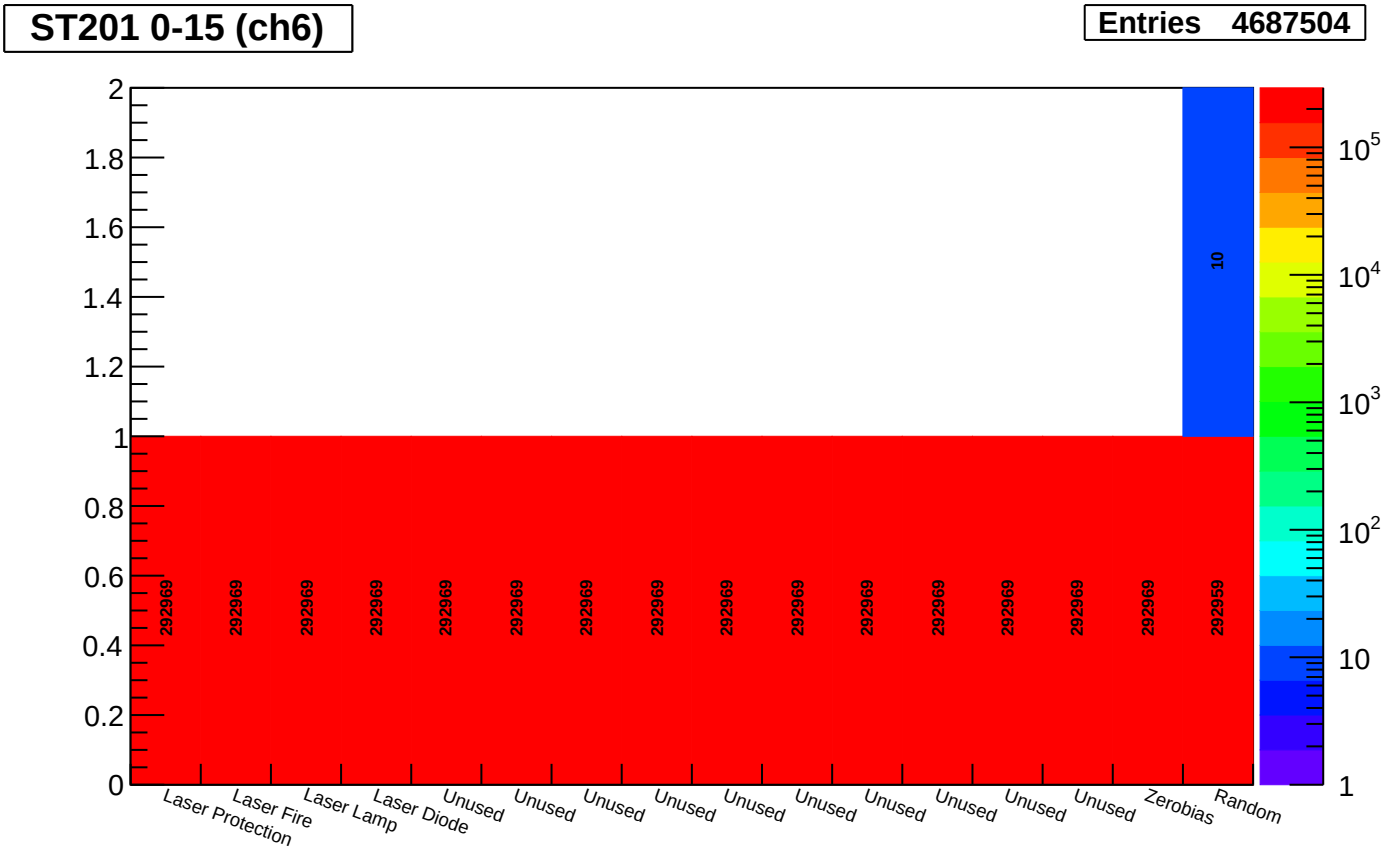

Entries 292969
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

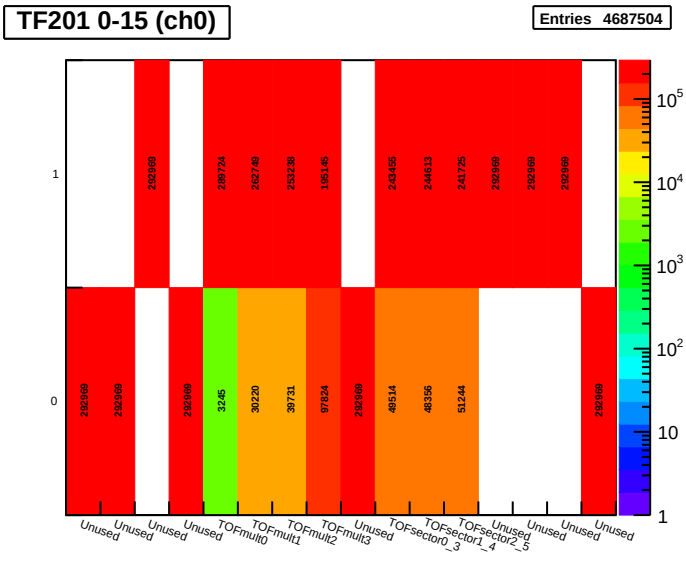

Entries 292969
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

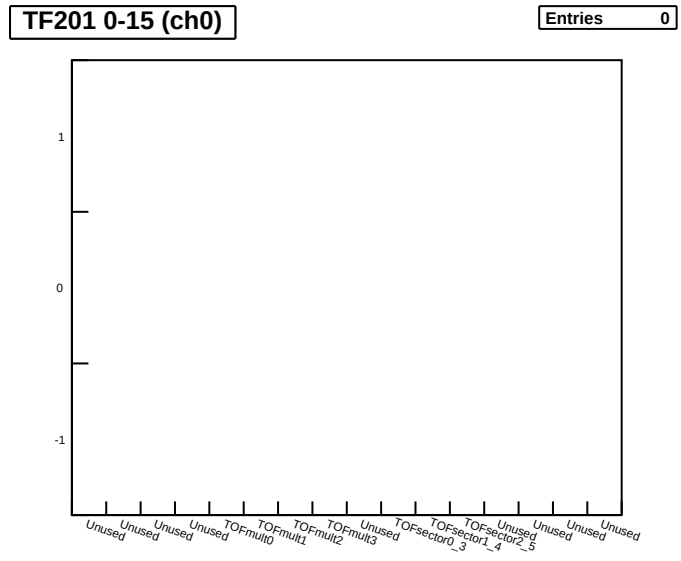

Entries 292969
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

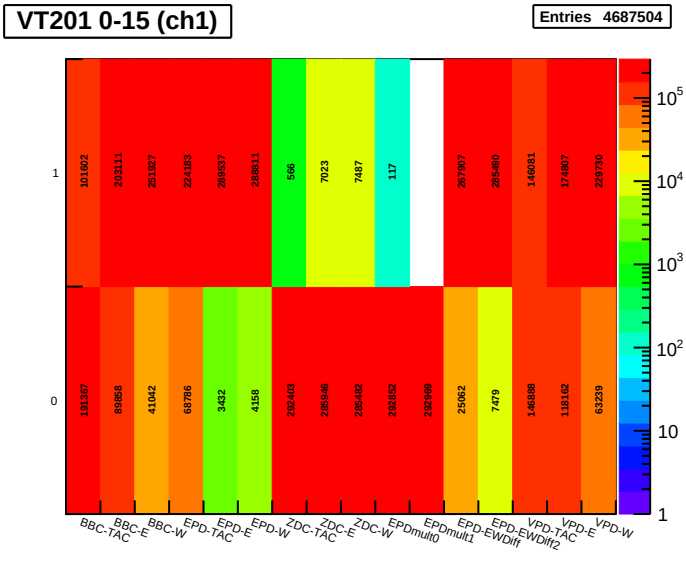

Entries 292969
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

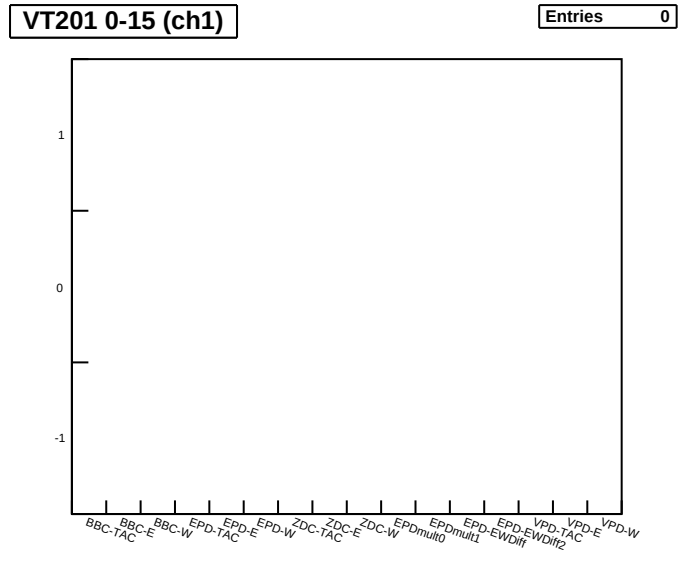

Laser Input Bits
Entries 292969
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

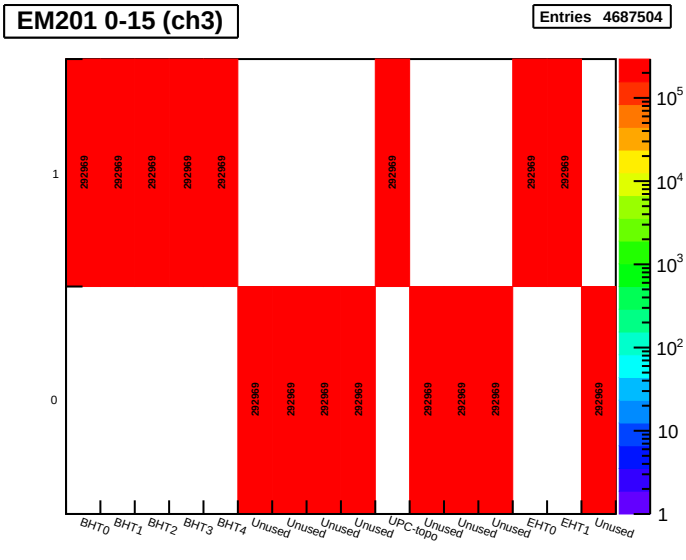

ST201 0-15 (ch6)
Entries 4687504
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
292969
292959
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

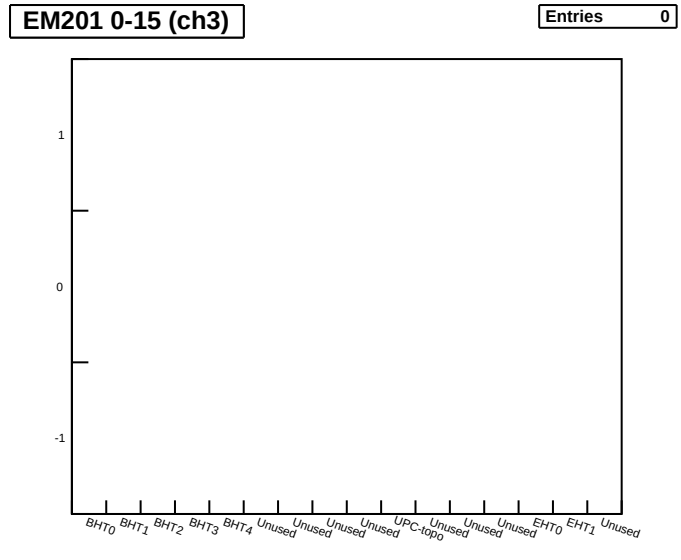

TF201 0-15 (ch0)
Entries 4687504
1
0
292969 292969 292969 3245 30220 39731 97824 292969 49514 49356 51244 292969
292969 292724 292749 283238 195145 243455 244613 241725 292969 292969 292969
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4687504
1
0
101602 203111 251927 224183 289537 288811 566 7023 7487 117 267907 285490 146081 174807 229730
191367 89858 41042 68786 3432 4158 292403 285946 285482 292852 292969 25062 7479 146888 118162 63239
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 4687504
1
0
292969 292969 292969 292969 292969 292969 292969 292969
292969 292969 292969 292969 292969 292969 292969 292969
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